

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 NOVEMBER 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	29.39	15	N	4	S	29.39	— 11	14	14	0	N	2	0	*	18	14	0.16		
Hernösand	29.49	21	NNW	2	0	29.32	+ 08	17	16	— 2	NNW	2	0	*	27	14	—		
Stockholm	29.49	19	NNW	2	0	29.34	+ 44	20	20	— 8	NNW	2	0	*	32	18	0.08		
Wiesby	29.37	22	N	6	C	29.48	+ 29	27	25	— 12	ESE	2	0	*	39	27	0.04		
Bodo	29.41	19	NE	4	C	29.49	+ 11	19	18	— 2	ESE	2	0	1	21	16	—		
† Christiansund	29.42	35	NNW	6	C	29.38	+ 30	30	30	— 4	N	1	0	5	30	25	—		
† Skudesnaes	29.44	32	NNE	2	0	29.69	+ 13	32	28	— 2	NNW	6	0	2	?	3	—		
Orö (Xiansund)	29.50	35	NNW	2	0	29.59	+ 17	34	29	— 3	N	4	0	2	39	32	—		
Skagen (The Shaw)	29.54	41	NNW	3	0	29.48	+ 11	36	33	— 4	NE	4	0	3	43	30	—		
Fanö														*					
Cuxhaven	29.79	46	WSW	4	+	29.60	— 16	43	40	— 3	NN	9	thg.	*	?	39	0.24		
† Sumburgh Head	29.63	31	NNE	5	S	29.93	+ 19	34	33	+ 1	N	5	C	5	37	25	0.20		
† Stornoway	29.97	37	N	4	0	30.19	+ 41	35	35	— 5	NNE	3	0	3	48	30	—		
Wick	29.79	36	N	8	0	30.11	+ 37	35	33	— 3	N	3	0	3	45	27	0.07		
Nairn	29.92	37	NNW	6	+	30.15	+ 39	32	31	— 5	NN	3	0	2	45	31	0.02		
† Aberdeen	29.73	43	NNW	8	0	30.10	+ 30	33	31	— 5	NN	2	0	3	45	32	0.18		
Leith	29.75	46	N	6	0	30.20	+ 39	36	34	— 10	N	2	0	*	55	33	—		
† Shields	29.79	48	NNW	3	0	30.15	+ 30	32	30	— 18	NNW	2	0	3	51	30	—		
Spurn Head	29.87	47	WSW	5	0	30.12	+ 18	37	34	— 6	NNW	5	0	6	48	35	—		
York	29.87	49	N	4	0	30.18	+ 25	35	32	— 12	N	1	0	*	57	33	—		
Nottingham	29.97	46	SW	5	0	30.23	+ 27	38	35	— 1	N	2	0	*	51	38	0.05		
† Ardrossan	29.88	48	NNW	4	0	30.21	+ 35	37	35	— 12	NNE	2	0	1	52	34	0.04		
† Mullaghmore	30.06	48	NN	7	0	30.25	+ 21	42	39	— 8	ESE	4	0	3	52	40	0.08		
Donaghadee	29.99	47	NN	3	0	30.28	+ 25	40	38	0	NNE	3	0	1	58	40	0.02		
Parsonstown	30.10	47	N	3	0	30.29	+ 12	40	39	+ 4	N	0	0	*	52	35	0.01		
Barrow-in-Furness	29.94	50	WSW	5	+	30.20	+ 20	35	33	— 14	NNE	2	0	5	52	34	0.03		
† Holyhead	30.03	51	N	7	0	30.23	+ 15	44	43	— 4	N	5	0	4	51	43	0.02		
Liverpool (Bidston)	29.96	47	WSW	5	0	30.21	+ 19	40	35	— 6	NNW	2	0	2	50	40	0.03		
† Valentia	30.27	50	NN	3	0	30.29	+ 04	49	47	+ 4	NNW	3	0	3	54	43	0.07		
Roche's Point	30.23	45	NNW	3	0	30.27	+ 05	47	46	+ 8	NNW	4	0	4	49	37	0.03		
Pembroke	30.12	50	NNW	6	0	30.21	+ 06	45	41	— 3	N	2	0	2	51	44	0.01		
† Scilly	30.26	49	NNW	4	0	30.29	+ 05	52	50	+ 6	NNW	4	0	4	52	45	0.04		
Prawle Point	30.22	45	N	3	0	30.26	+ 03	46	46	+ 6	NN	2	0	2	52	39	—		
Hurst Castle	30.15	49	NNW	5	0	30.22	+ 04	46	45	+ 4	NNW	2	0	2	51	42	—		
† Dover	30.08	45	N	3	0	30.15	+ 01	43	41	+ 8	NN	3	0	2	48	40	—		
† London	30.07	44	NNW	3	0	30.20	+ 06	43	40	+ 2	NN	1	0	*	52	40	—		
Oxford	30.09	44	SW	3	0	30.23	+ 09	42	40	+ 6	NN	1	0	*	51	36	0.02		
Cambridge	30.07	46	N	2	0	30.20	+ 13	39	37	+ 1	NN	1	0	*	52	36	—		
† Yarmouth	29.94	47	W	4	0	30.10	+ 09	39	37	0	NN	4	0	6	49	37	0.04		
The Helder	29.81	49	W	4	0	29.94	+ 05	46	39	— 6	NN	5	0	4	50	43	0.08		
Cape Gris Nez	30.08	49	N	5	0	30.12	+ 00	47	44	+ 3	NN	5	0	4	52	44	—		
† Jersey	30.25	44	NN	2	0	30.29	+ 02	50	47	+ 5	NNW	4	0	4	51	44	0.07		
Brest	30.32	47	SE	3	0	30.34	+ 07	50	46	+ 11	NN	4	0	3	54	39	—		
Lorient	30.22	48	NE	3	0	30.33	+ 13	49	42	+ 9	NN	4	0	2	50	37	—		
† Rochefort	30.13	46	ESE	7	0	30.32	+ 14	39	37	+ 2	NE	3	0	2	54	32	—		
Biarritz	30.06	51	E	3	0	30.29	+ 23	44	41	— 1	E	2	0	2	57	39	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.09	— 02	44	41	+ 4	N	2	0	*	48	?	0.04		
Charleville	?	?	?	?	?	30.10	— 08	41	39	+ 12	NNW	4	+	*	45	29	—		
Paris	30.18	43	?	1	0	30.22	— 01	44	42	+ 6	SW	1	0	*	*	*	—		
Lyons	30.22	34	E	1	0	30.28	+ 05	26	26	— 5	NE	1	0	*	47	26	—		
Toulon	30.08	51	E	4	0	30.11	+ 06	47	41	— 4	NE	1	0	2	55	46	—		

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

Hawes Junction	29.63	43	NNW	6	+	29.91	+ 22	29	28	— 12	NNW	2	0	*	43	25	0.32
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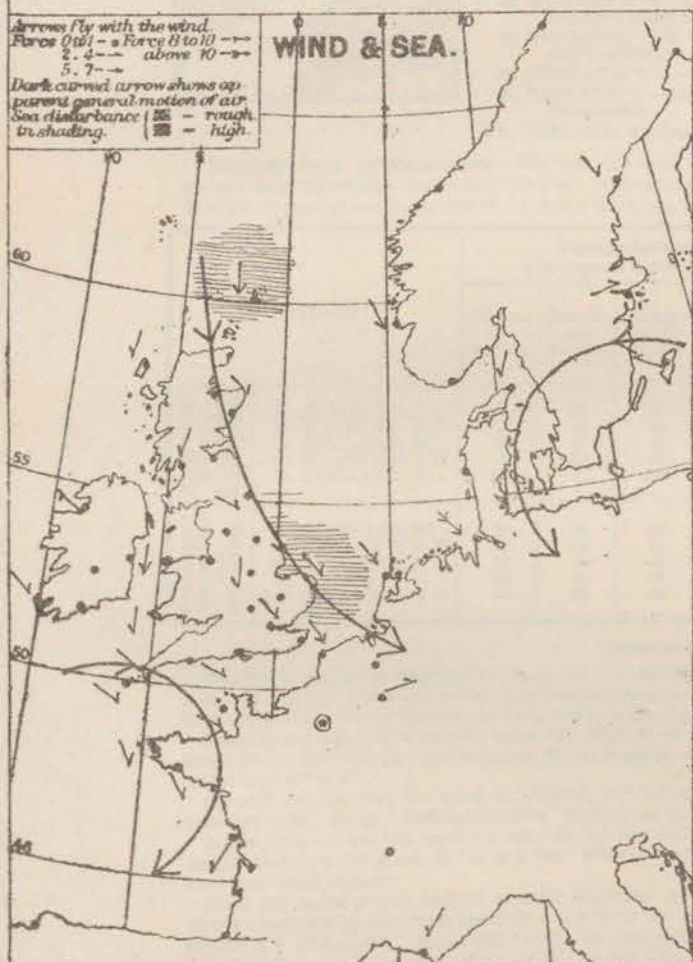
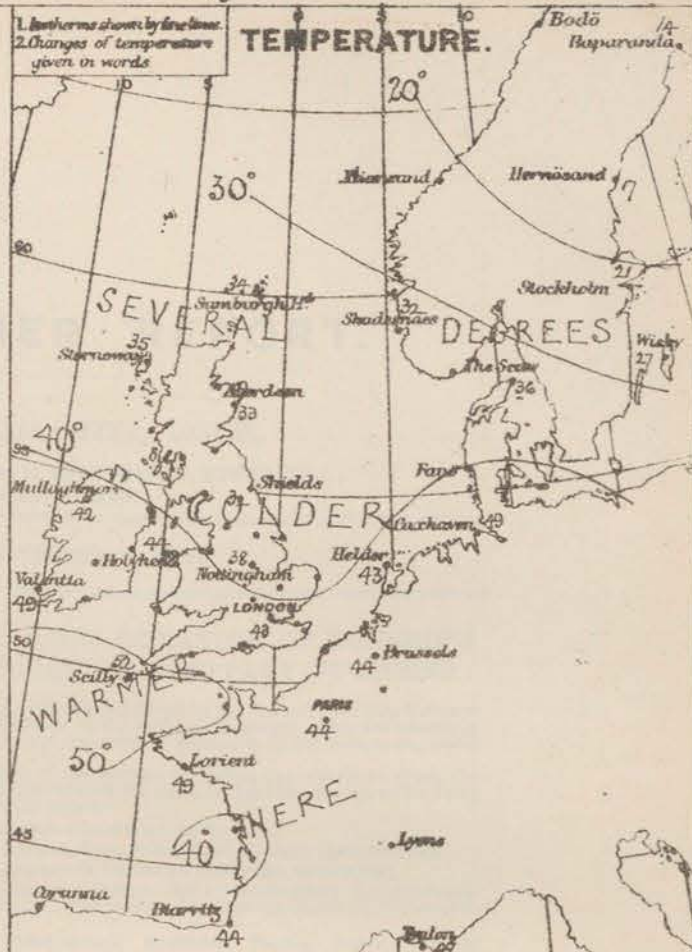
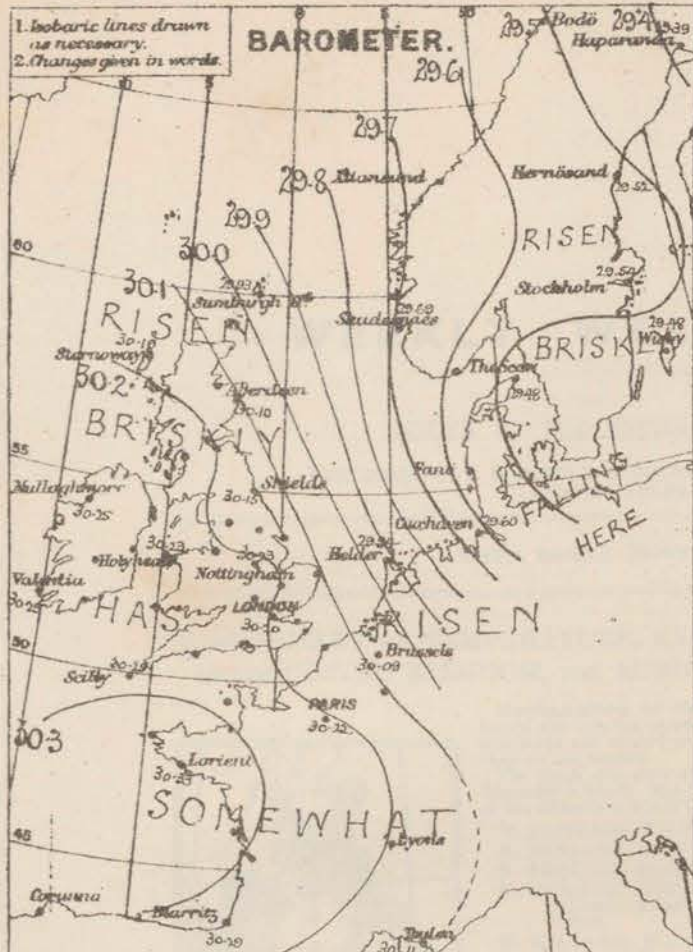
YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.01	35	33	NNW	4	S	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.19	52	45	ESE	7	6
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.

WEATHER CHARTS for 8 a.m. on Monday 1st Nov^r 1880.



REMARKS. Pressure is going away somewhat over Denmark and N. Germany, and a depression, which was last evening shown over the Netherlands, now lies over that neighbourhood, but over the whole of these islands, France, and Scandinavia the mercury is rising — the change on our NW. coasts being considerable. An area of high and uniform pressure lies over France and our W. coasts, while rather steep gradients prevail over the North Sea. The wind is N. to NW. in nearly all places, but draws into NE. in the S. of France; in most places it is light or moderate in force, but in the Netherlands, and to the E. of the North Sea it is fresh, and at Buchhaven reaches a fresh gale. The weather is fine at most stations in the N. of Great Britain, but is cloudy over Ireland, France and the S. of England. In Wales and the S. of Ireland rain is falling. Slight rain has fallen in the SW. and W., and slight snow in the N. Temperature has fallen fast in the N., risen in the S. Readings range from 52° at Wick to 52° at Shields. The maximum yesterday rose between 45° and 55°, and slight frost was experienced in the NE. early this morning. Ice is reported in the E. moderate elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 2ND NOVEMBER. 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	29.56	15	N	2	b	29.71	+ .32	11	11	- 3	N	2	0	*	18	9	—		
Hernösand	29.69	18	N	2	b	29.86	+ .34	19	18	+ 2	NNW	2	0	*	21	12	—		
Stockholm	29.69	15	NNW	2	b	29.82	+ .30	21	19	+ 1	NNW	2	0	*	27	14	—		
Wisby	29.61	30	N	4	b	29.76	+ .28	32	30	+ 5	NNW	6	b	*	37	27	—		
Bodö	29.70	19	E	2	o	29.80	+ .31	23	22	+ 4	E	2	0	*	23	16	—		
Christiansund	29.54	35	NNE	5	c	30.00	+ .42	33	31	+ 3	NNW	2	b	5	36	21	0.79		
† Skudesnaes	29.95	35	NNW	4	b	30.13	+ .44	30	29	- 2	ESE	1	c	2	36	32	—		
Oxö (Xiansund)	29.55	33	NNW	2	b	30.04	+ .47	33	29	- 1	NNW	4	b	2	34	30	—		
Skagen (The Skaw)	29.74	39	N	3	b	30.01	+ .53	39	33	+ 3	NNW	3	b	2	39	28	—		
Fanö	29.97	36	NNW	1	b	30.07	+ .53	34	33	- 1	N	3	b	*	39	30	0.20		
Cuxhaven	29.95	45	N	2	b	30.12	+ .52	36	36	- 7	WSW	1	b	*	?	34	0.20		
† Sumburgh Head	30.08	35	N	4	b	30.07	+ .44	34	31	0	NE	2	b	2	40	30	0.03		
† Stornoway	30.25	35	Z	0	b	30.12	- .07	35	35	0	SSW	2	c	2	42	29	—		
Wick	30.22	36	NNE	2	b	30.19	+ .08	34	33	- 1	Z	0	0	2	44	21	—		
Nairn	30.26	34	NNW	1	b	30.21	+ .06	28	26	- 4	Z	0	b	0	43	28	—		
† Aberdeen	30.24	36	NNW	3	b	30.23	+ .13	26	26	- 7	WSW	1	b	2	40	26	0.01		
Leith	30.28	36	Z	0	b	30.24	+ .04	27	25	- 9	W	1	b	*	48	23	—		
† Shields	30.27	38	NNW	2	b	30.24	+ .09	27	26	- 5	NNW	2	b	4	40	26	—		
Spurn Head	30.25	39	NNW	4	b	30.23	+ .11	38	37	+ 1	N	3	b	4	42	32	—		
York	30.29	34	N	1	b	30.26	+ .08	25	25	- 10	N	1	b	*	42	23	—		
Nottingham	30.33	31	N	1	b	30.25	+ .02	24	23	- 14	Z	0	b	*	41	23	—		
† Ardrossan	30.29	33	ESE	1	b	30.23	+ .02	25	24	- 12	NE	2	b	1	42	24	—		
† Mullaghmore	30.26	43	ESE	4	og	30.17	- .13	38	36	- 4	ESE	3	b	2	49	35	—		
Donaghadee	30.30	38	NNE	1	b	30.19	- .04	40	36	- 3	SE	3	b	1	44	38	—		
Parsonstown	30.28	39	Z	0	o	30.13	- .16	37	37	- 3	Z	0	o	*	46	30	—		
Barrow-in-Furness	30.20	34	NNE	2	b	30.25	+ .05	29	27	- 6	NE	2	b	3	45	28	—		
† Holyhead	30.28	41	E	2	og	30.16	- .07	34	34	- 10	S	2	b	1	44	33	0.05		
Liverpool (Bidston)	30.20	36	NE	1	b	30.23	+ .01	30	28	- 10	ESE	1	b	1	42	29	—		
† Valentia	30.23	47	NNW	3	op	30.09	- .20	40	39	- 9	NE	1	o	1	54	35	0.27		
Roche's Point	30.21	47	ESE	5	r	30.07	- .20	45	44	- 2	ESE	5	op	4	51	41	0.48		
Pembroke	30.23	45	ESE	1	b	30.09	- .12	40	37	- 6	E	0	c	4	49	39	—		
† Scilly	30.25	50	NNW	5	op	30.01	- .28	48	47	- 4	NE	1	op	2	53	46	0.04		
Prawle Point	30.28	45	NNE	1	o	30.06	- .20	45	45	- 1	ESE	5	o	2	55	43	0.01		
Hurst Castle	30.27	43	E	3	o	30.15	- .07	36	34	- 10	ESE	3	cm	2	49	34	—		
† Dover	30.29	38	N	2	b	30.19	+ .04	39	37	- 4	NNW	2	b	1	44	36	0.01		
† London	30.30	38	NNW	1	b	30.21	+ .01	31	30	- 12	E	1	b	*	44	26	—		
Oxford	30.30	33	NNW	1	b	30.20	- .03	27	26	- 15	N	1	b	*	43	26	—		
Cambridge	30.30	31	NNW	1	b	30.22	+ .02	26	25	- 13	N	1	b	*	42	24	—		
† Yarmouth	30.23	38	NNW	2	b	30.22	+ .12	37	38	0	NNW	2	b	4	42	30	—		
The Helder	30.17	43	NNW	3	b	30.21	+ .27	38	36	- 5	WSW	4	o	1	45	31	0.08		
Cape Gris Nez	30.25	41	NNW	4	b	30.18	+ .06	39	37	- 8	E	4	b	2	50	37	0.04		
† Jersey	30.22	49	NNE	1	og	30.09	- .20	47	47	- 3	E	3	og	5	53	45	0.11		
Brest	30.30	40	NNW	3	+	30.03	- .31	44	45	- 4	S	3	o	2	54	45	0.12		
Lorient	30.28	50	NNW	5	o	29.99	- .34	47	46	- 2	E	4	o	2	54	45	0.04		
† Rochefort	30.32	42	SW	4	o	30.09	- .23	43	41	+ 4	ESE	4	o	2	55	32	—		
Biarritz	30.34	50	NE	2	b	30.00	- .29	41	38	- 3	ESE	6	o	2	52	36	—		
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.23	+ .14	34	33	- 10	SE	1	b	*	46	30	0.04		
Charleville	?	?	?	?	?	30.20	+ .20	?	30	?	E	3	b	*	46	30	—		
Paris	30.26	46	?	1	o	30.20	- .16	38	37	- 6	NE	4	b	*	*	*	0.04		
Lyons	30.30	41	NNW	1	b	30.15	- .13	31	31	+ 5	N	1	b	*	51	26	—		
Toulon	30.15	50	W	4	b	30.04	- .07	46	41	- 1	E	4	b	*	52	45	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.01	28	E	2	b	28.96	+ .05	23	23	- 6	E	2	b	*	35	20	—		

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

Hawes Junction	29.02	28	E	2	b	28.96	+ .05	23	23	- 6	E	2	0	35	20	—			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

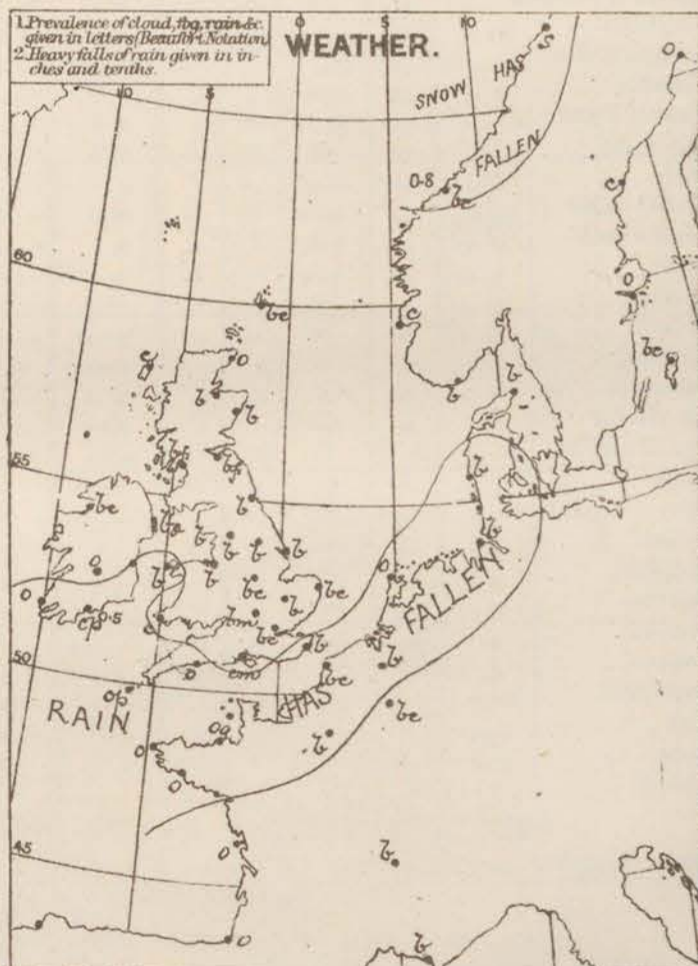
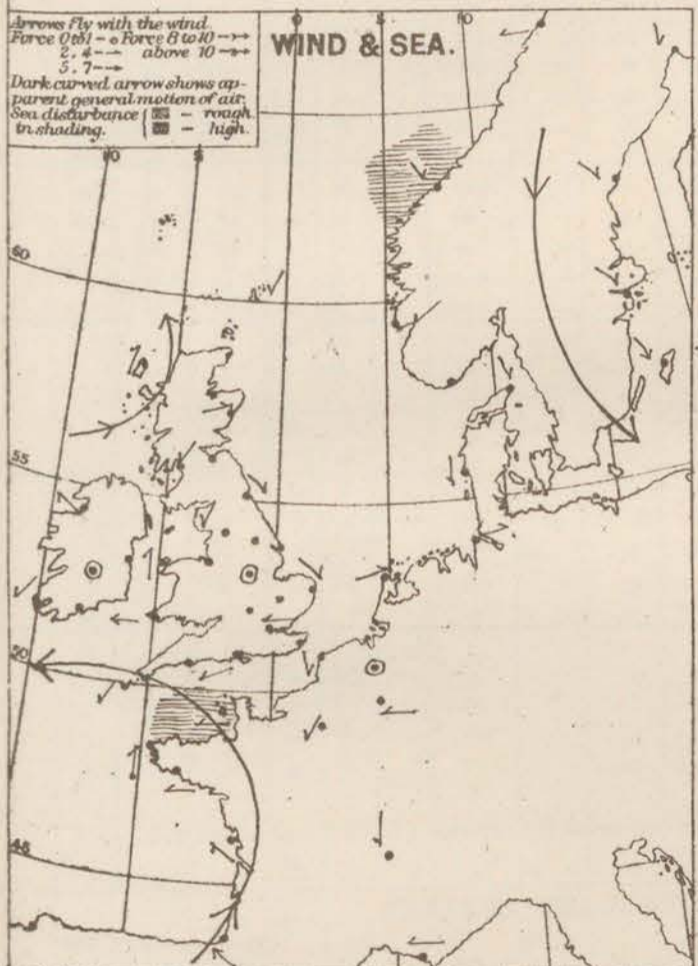
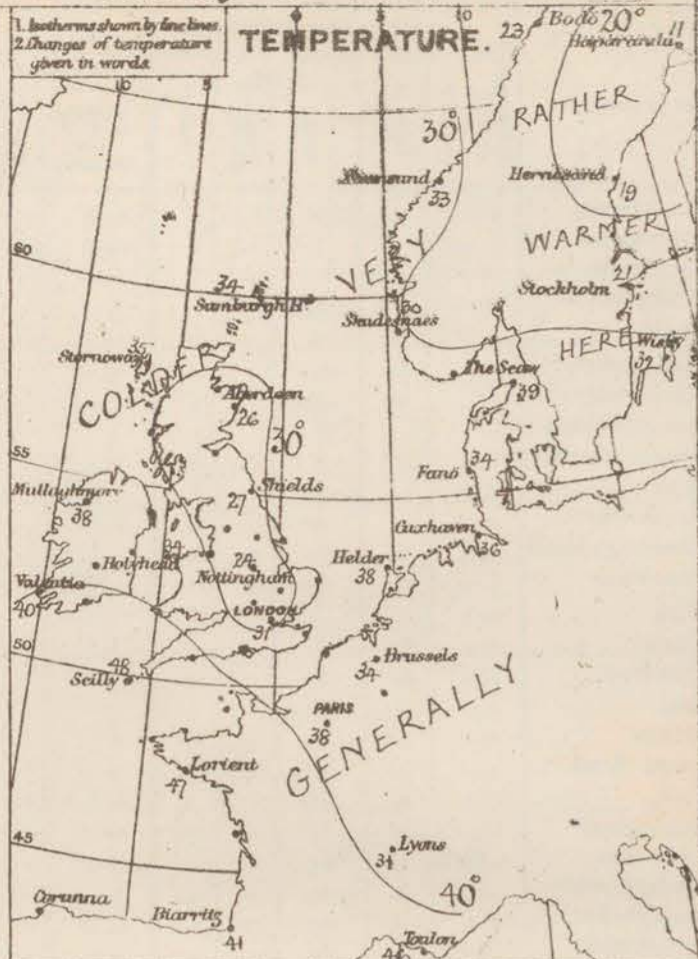
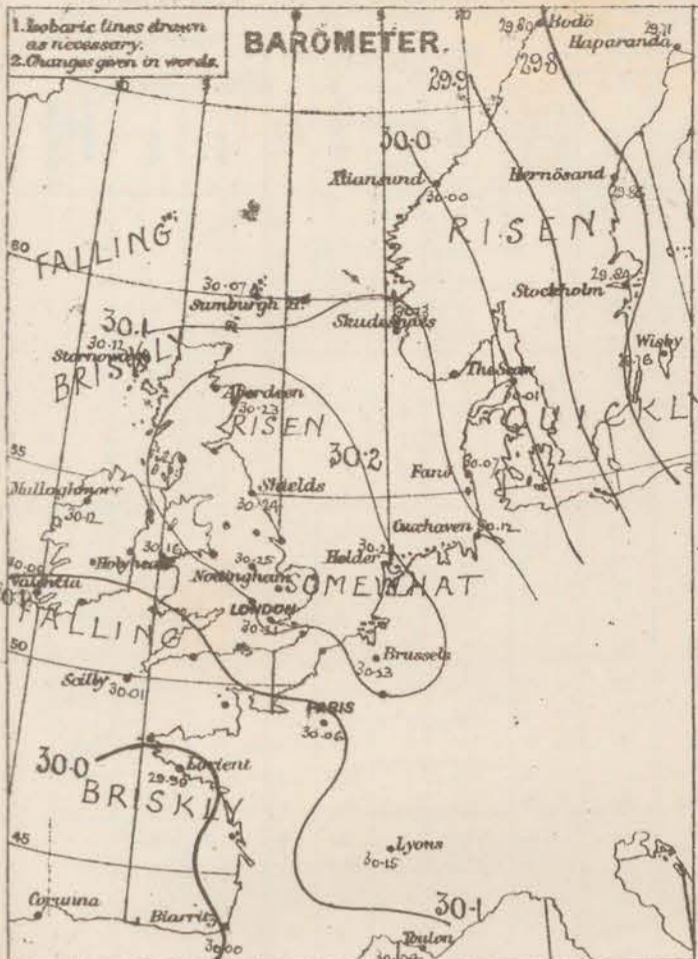
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	29.24	34	33	NNW	4	3	Valentia ...	30.26	52	49	NNW	2	op	3
Sumburgh Head	30.04	35	31	N	5	3	Scilly ...	30.29	53	50	NNW	5	o	4
Stornoway ...	30.23	40	38	NNW	3	3	Dover ...	30.20	44	39	NNW	3	b	2
Aberdeen ...	30.18	38	36	NN	3	3	London ...	30.25	43	39	NNW	3	on	*
Shields ...	30.22	40	36	NNW	3	4	Yarmouth ...	30.17	41	38	NNW	3	cmg	4
Ardrossan ...	30.26	41	40	NNE	1	1	Jersey ...	30.30	37	49	NN	2	op	2
Mullaghmore ...	30.29	47	42	ESE	3	2	Rochefort ...	30.35	44	45	NE	2	b	2
Holyhead ...	30.26	44	43	NE	4	3								

Pressure is increasing except in the south-west. The wind is generally moderate from N. to NNW, and the weather is cloudy except in the NE. and at Dover, while showers of rain are reported from Valentia and 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 (fog); 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 a. 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 2nd Nov^r 1880.



REMARKS. Very fine weather prevails this morning over all the N^o and E^o parts of the United Kingdom, the NE of France, and on the E^o shores of the North Sea, but in the W of France, on our SW coasts and in Sweden the sky is cloudy or overcast; showers of rain are reported from Roskoff and Scilly; and snow is falling at Bodo. Mist or fog prevails at a few of our stations. Temperature has fallen at nearly all but the Scandinavian stations; the change in many parts of these islands exceeds 10°, and sharp frost prevails over nearly the whole of Great Britain, the minimum varying between 21° and 30°. In London the thermometer fell to 16° in the shade and 14° on the grass this morning. Readings at present range, from 48° at Scilly, to 24° at Nottingham and 25 at Aberdeen, over France from 47 at Lorient to 38 at Paris, and to the E^o of the North Sea from 39 at the Skaw to 34 at Haparanda. Very light N. breezes prevail on our E coast, light to fresh E winds in the SW and W, and moderate NW winds over Norway and Sweden, but over the whole of these islands it is decreasing, the change in the SW and NW being rather brisk. An anticyclone has been formed over our N and E districts and the North Sea, while relatively low readings are reported from the Bay of Biscay, over the Gulf of Biscay. The sea is moderate to smooth.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 3RD NOVEMBER 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).		Rising 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	29.84	19	NE	2	o	29.86	+ 15	13	12	+ 2	N	2	o	*	21	9	—		
Hernösand	29.95	14	X	o	o	29.99	+ 13	8	8	— 11	NTN	2	o	*	25	?	—		
Stockholm	30.03	18	WNW	4	o	30.14	+ 30	19	19	— 2	WSW	2	o	*	26	14	—		
Wisby	30.02	31	NNE	4	o	30.11	+ 35	24	33	+ 2	N	4	o	*	36	23	—		
Bodö	29.68	23	E	2	bc	29.62	— 18	26	23	+ 3	ENE	4	o	2	26	19	—		
Christiansund	30.03	35	WNW	3	o	29.83	— 17	39	36	+ 6	SW	7	o	4	39	25	0.39		
† Skudesnaes	30.19	33	E	2	o	30.25	+ 12	37	35	+ 7	ESE	4	o	3	41	?	—		
Oxö (Kisunound)																			
Skagen (The Shaw)	30.16	31	N	2	o	30.24	+ 23	30	28	— 9	WSW	3	o	1	39	27	—		
Faro	30.18	30	E	1	o	30.31	+ 25	30	30	— 4	E	1	o	*	39	28	—		
Cuxhaven	30.18	41	NE	2	bc	30.30	+ 8	36	34	0	SE	3	o	*	41	30	—		
† Sumburgh Head	30.09	41	SW	3	o	30.12	+ 35	44	39	+ 7	W	5	o	4	42	32	—		
† Stornoway	30.04	40	SW	4	bc	30.23	+ 11	37	37	+ 2	SW	3	o	3	41	35	—		
Wick	30.12	34	S	1	o	30.26	+ 07	32	30	— 2	NW	1	o	2	42	25	—		
Nairn	30.11	35	L	0	o	30.28	+ 07	31	30	+ 3	L	0	o	1	36	28	0.01		
† Aberdeen	30.16	36	NTN	1	bc	30.31	+ 08	25	24	— 1	NTN	1	o	1	44	24	—		
Leith	30.16	34	SE	1	o	30.33	+ 09	31	30	+ 4	SW	1	o	*	41	25	—		
† Shields	30.15	41	ESE	1	o	30.32	+ 08	25	35	+ 8	W	1	o	3	44	27	0.03		
Spurn Head	30.13	45	ESE	4	bc	30.26	+ 03	44	41	+ 6	NE	5	bc	5	47	37	0.02		
York	30.15	39	ENE	1	o	30.31	+ 05	33	32	+ 8	N	1	o	*	42	25	—		
Nottingham	30.15	38	SE	1	bc	30.31	+ 06	38	37	+ 14	NTN	3	o	*	44	24	—		
† Ardrossan	30.13	37	SSE	1	o	30.23	+ 10	33	32	+ 8	ENE	2	bc	1	41	25	—		
† Mullaghmore	30.04	43	SSW	3	o	30.27	+ 45	39	38	+ 1	ESE	3	o	2	45	37	—		
Donaghadee	30.10	41	SE	3	o	30.30	+ 11	43	39	+ 3	SSW	1	o	0	45	38	—		
Parsonstown	30.07	41	SE	1	o	30.31	+ 18	28	?	— 9	X	0	o	*	46	27	—		
Barrow-in-Furness	30.14	37	NE	2	bc	30.28	+ 03	35	33	+ 6	NE	2	o	3	44	28	—		
† Holyhead	30.00	37	SE	2	o	30.29	+ 13	38	38	+ 4	ESE	3	o	2	41	33	—		
Liverpool (Bidston)	30.11	40	ESE	1	m	30.30	+ 07	34	33	+ 4	ENE	1	o	1	41	30	—		
† Valentia	30.06	46	ESE	1	o	30.27	+ 18	41	39	+ 1	ENE	1	o	1	32	38	0.05		
Roche's Point	30.10	42	ESE	5	o	30.26	+ 19	38	36	— 7	NE	4	o	4	48	38	0.09		
Pembroke	30.04	41	NE	2	o	30.19	+ 10	38	35	— 2	NE	3	o	2	43	35	0.02		
† Scilly	29.92	48	ENE	7	o	30.13	+ 12	45	42	— 3	ENE	6	bc	5	50	42	0.61		
Prawle Point	29.97	45	ENE	5	o	30.12	+ 16	41	39	— 4	NE	5	o	4	48	36	0.02		
Hurst Castle	30.01	44	ESE	5	o	30.11	— 04	37	36	+ 1	NE	4	o	3	47	35	—		
† Dover	30.06	44	ESE	5	o	30.11	— 08	43	39	+ 4	ENE	4	o	5	45	38	—		
† London	30.06	39	E	1	o	30.17	— 03	37	36	+ 7	ENE	1	o	*	47	31	—		
Oxford	30.10	35	N	2	o	30.23	+ 03	35	34	+ 8	N	2	o	*	46	27	—		
Cambridge	30.13	38	N	1	o	30.22	— 00	33	33	+ 7	NE	1	o	*	44	24	—		
† Yarmouth	30.11	43	ESE	3	bc	30.20	— 02	44	40	+ 5	E	5	o	4	44	37	0.01		
The Helder	30.14	42	ENE	1	o	30.24	+ 01	38	36	0	E	1	bc	1	45	38	—		
Cape Gris Nez	30.07	37	E	3	bc	30.06	+ 12	36	34	— 2	E	5	bc	3	48	32	—		
† Jersey	29.94	43	E	4	bc	29.98	— 11	45	38	— 2	ENE	5	o	4	47	42	—		
Brest	29.90	45	SE	4	o	29.97	— 06	45	41	— 1	NE	4	o	3	52	43	—		
Lorient	29.80	46	ENE	7	o	29.87	— 12	41	36	— 6	NE	7	o	4	48	39	—		
† Rochefort	29.70	49	E	8	o	29.69	— 42	40	37	— 3	NNE	8	o	4	34	36	—		
Biarritz	29.47	49	E	5	o	29.64	— 16	45	42	+ 4	? E	5	o	4	32	41	0.27		
Corunna	*	*	*	*	*			*	*					*	*	*			
Brussels	*	*	*	*	*	30.08	— 15	32	31	— 2	NE	5	bc	*	42	30	—		
Charleville	30.04	37	SSE	4	o	29.90	— 30	36	?	?	NE	3	o	*	46	28	—		
Paris	29.94	40	?	7	o	29.87	— 19	37	34	— 1	NNE	4	o	*	*	*	—		
Lyons	29.84	39	N	1	o	29.62	— 53	42	42	+ 11	N	1	o	*	50	?	0.28		
Toulon																			

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

Hawes Junction	28.87	31	E	1	o	29.03	+ 07	31	31	+ 8	E	3	o	*	37	22	—		
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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 ...	30.16	41	35	NNW	2	e	2	Valentia ...	30.07	50	45	ENE	2	bc	3
Sumburgh Head	30.11	41	36	SW	3	e	4	Scilly ...	29.95	50	49	E	5	ow	3
Stornoway ...	30.07	39	38	NST	3	o	2	Dover ...	30.12	45	39	ESE	2	o	1
Aberdeen ...	30.13	40	37	NST	1	o	1	London ...	30.10	44	41	E	2	o	*
Shields ...	30.19	42	38	NNW	2	bc	3	Yarmouth ...	30.18	43	40	ESE	2	bc	3
Ardrossan ...	30.16	40	37	SSE	3	bc	2	Jersey ...	30.00	44	43	E	4	ow	3
Mullaghmore ...	30.04	43	40	S	4	ogm	2	Rochefort ...	29.84	51	47	SE	7	o	4
Holyhead ...	30.12	41	40	SE	2	bc	1								

Barometer decreases slowly everywhere but is still high and uniform over these Islands. The wind continues E⁺ in the south, and S⁺ to SW⁺ in the west and north, and the weather remains fine except in the south west and north.

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

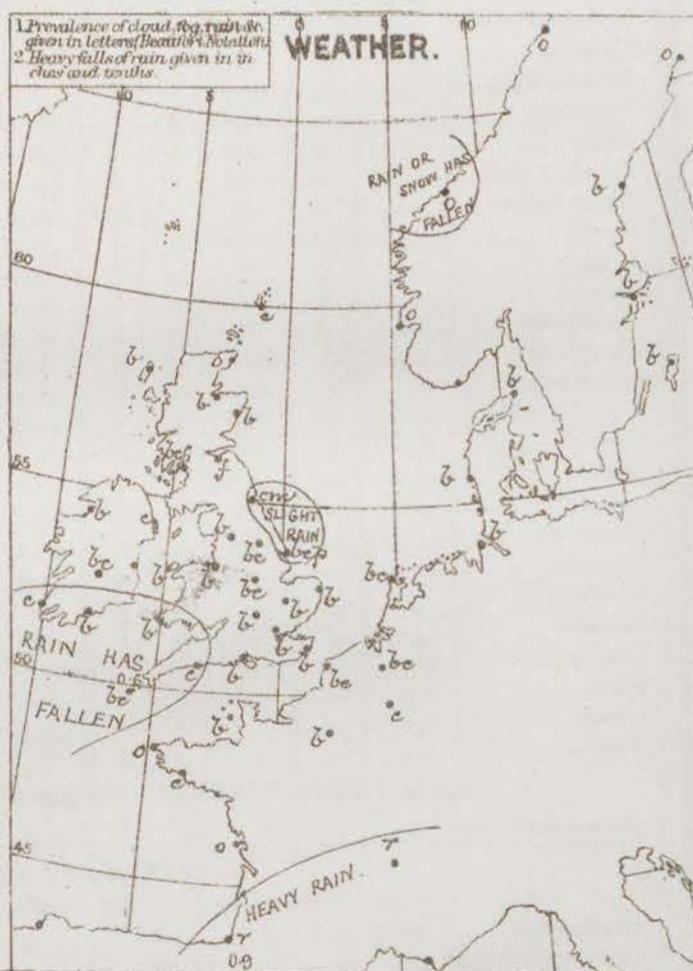
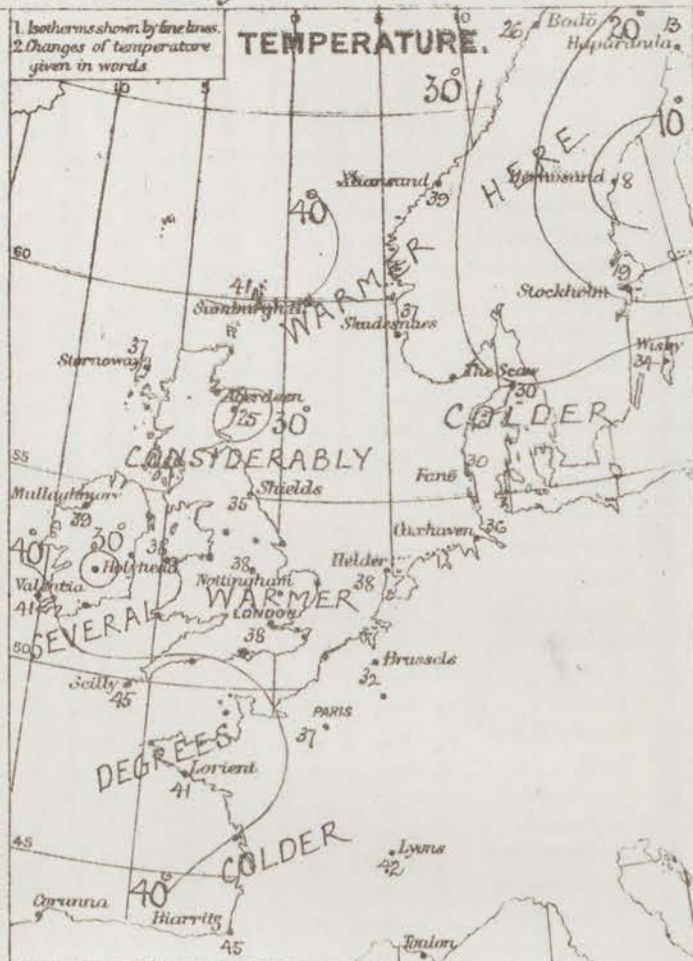
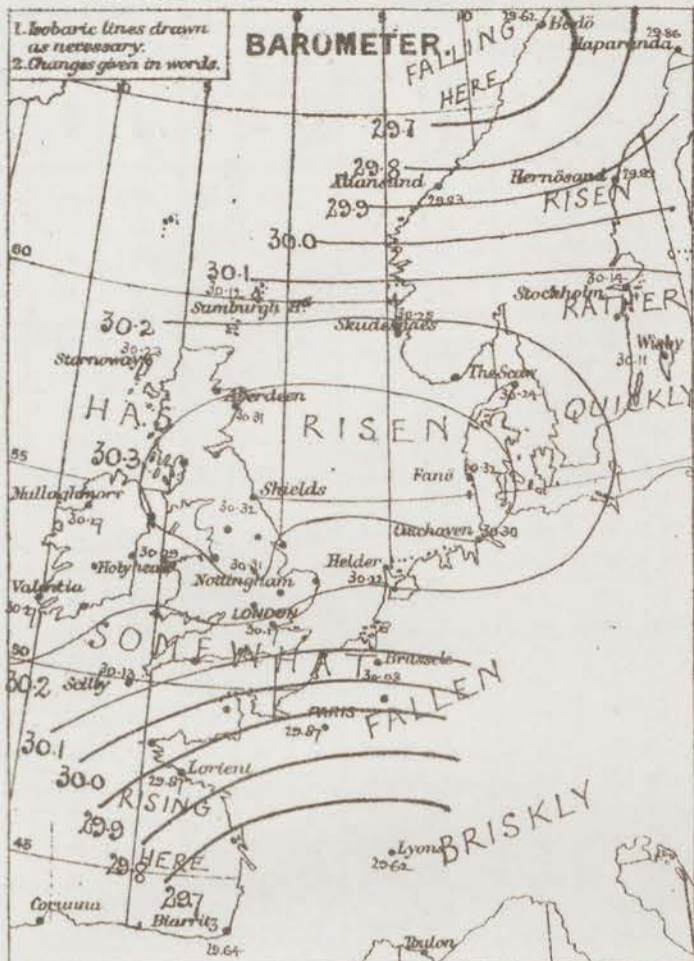
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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 3rd Nov^r 1880.



REMARKS. The anticyclone noticed yesterday now extends in an E. and W. direction across Ireland, the N. of Great Britain and the North Sea to Denmark, and the evening is passing over the whole of that region. A rather deep depression, however, which was appearing over the Bay of Biscay last night has passed in E. over France, and occasioned a brisk breeze of pressure in the E. of that country, while at the same time a second disturbance has advanced from the Atlantic over the N. of Norway, and caused a fall of the barometer in that neighbourhood. The wind blows from N. to S.W. all over the N. parts of our area, and from E. to N.E. in the S. half; it is generally light to moderate in force, but in some parts of the Channel it blows strongly, and at some French stations with the force of a gale. Temperature has risen except over France and our SW. coasts, it is still low generally ranging from 45° at Sicily to 28° at Paris and 25° at Aberdeen. The maximum yesterday was between 40° and 45° in the N. and between 45° and 50° in the S. Sharp frost was again experienced at several inland stations. The weather is dull over France and Norway, fine and light elsewhere. Light rain fell in the SW. and on the NE. coast yesterday. Sea is slight except at Dover, Sicily and the English Channel.

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DAILY WEATHER REPORT 4TH NOVEMBER 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	29.55	15	E	2	o	29.30	-.56	16	16	+ 3	N	4	s	*	18	12	0.12	
Hernösand	29.62	31	SW	4	o	29.65	-.34	26	25	+ 18	SW	4	c	*	?	5	—	
Stockholm	29.93	35	SW	8	c	29.83	-.31	35	35	+ 16	SW	4	o	*	36	16	0.24	
Wisby	30.09	37	WNW	8	b	29.98	-.13	37	36	+ 3	WNW	9	r	*	39	32	0.04	
Bodö	29.40	27	NW	8	o	29.38	-.24	21	20	-.5	SE	2	c	1	32	19	—	
Christiansund	29.27	33	NW	9	s	29.24	-.29	33	33	-.6	ESE	1	s	5	?	25	0.79	
Skudesnaes	30.12	45	W	9	r	29.94	-.31	47	45	+ 10	W	7	o	4	?	?	0.08	
Oxö (Xiansund)	30.17	42	WSW	6	c	29.99	-.18	45	44	-.1	W	4	c	2	?	41	—	
Skagen (The Skaw)	30.20	37	WSW	6	b	30.01	-.23	45	43	+ 15	W	6	r	4	45	?	0.04	
Fanö	30.38	35	SSW	4	b	30.28	-.04	41	39	+ 11	WSW	2	c	*	41	30	—	
Cuxhaven	30.45	39	E	1	b	30.42	+ .12	29	28	-.7	S	1	b	*	?	27	—	
Sumburgh Head	30.15	46	WNW	3	o	29.92	-.20	48	46	+ 7	WNW	6	r	6	48	40	0.08	
Stornoway	30.29	45	SW	3	b	30.24	+ .01	45	45	+ 8	WSW	4	o	4	48	37	0.12	
Wick	30.27	38	NW	2	o	30.09	-.17	44	42	+ 12	WNW	3	c	3	44	30	—	
Nairn	30.33	40	Z	0	b	30.26	-.02	46	44	+ 15	W	2	b	1	46	31	0.07	
Aberdeen	30.36	35	WSW	1	b	30.24	-.07	40	38	+ 15	W	1	b	1	42	25	—	
Leith	30.43	37	W	1	f	30.32	-.01	45	43	+ 14	W	3	b	*	45	27	—	
Shields	30.44	42	WNW	1	b	30.37	+ .05	46	35	+ 1	WNW	2	b	2	46	31	—	
Spurn Head	30.39	44	NNE	5	b	30.42	+ .10	39	37	-.5	WNW	4	b	4	47	37	0.02	
York	30.43	39	NNE	1	b	30.44	+ .13	30	29	-.3	WSW	1	b	*	48	27	—	
Nottingham	30.43	37	N	2	b	30.48	+ .17	29	29	-.9	SW	1	b	*	45	27	—	
Ardrossan	30.45	45	W	1	b	30.38	+ .05	48	47	+ 15	WSW	3	o	2	48	32	—	
Mullaghmore	30.44	40	SW	2	b	30.46	+ .19	44	42	+ 5	SW	5	c	4	51	36	—	
Donaghadee	30.48	35	SW	1	b	30.44	+ .14	37	35	-.6	SW	4	b	2	48	31	—	
Parsonstown	30.49	35	Z	0	b	30.50	+ .25	28	28	0	NW	1	c	*	47	23	—	
Barrow-in-Furness	30.47	40	NE	2	b	30.46	+ .18	30	29	-.5	NE	2	b	2	53	30	—	
Holyhead	30.45	42	E	2	b	30.49	+ .20	43	43	+ 5	WNW	3	b	2	44	36	—	
Liverpool (Bidston)	30.44	39	NE	1	b	30.47	+ .17	37	36	+ 3	WSW	2	b	1	45	34	—	
Valentia	30.46	42	Z	0	b	30.50	+ .18	36	34	-.5	NE	1	b	1	52	33	—	
Roche's Point	30.46	40	NNE	4	b	30.49	+ .23	37	35	-.1	WNW	3	b	3	47	35	—	
Pembroke	30.37	42	NNE	3	b	30.42	+ .29	39	37	+ 1	ENE	2	b	2	46	36	—	
Scilly	30.28	47	NE	6	c	30.45	+ .32	47	45	+ 2	NE	5	c	5	48	43	—	
Prawle Point	30.28	43	NE	5	b	30.43	+ .31	36	35	-.5	NNE	5	b	4	47	34	—	
Hurst Castle	30.27	42	NE	5	b	30.49	+ .38	35	34	-.2	NE	3	b	2	47	33	—	
Dover	30.22	44	ENE	6	b	30.35	+ .24	42	36	-.1	ENE	5	b	5	46	40	—	
London	30.27	41	E	4	b	30.42	+ .25	35	34	-.3	NE	2	b	*	47	33	—	
Oxford	30.41	39	NE	2	b	30.49	+ .26	33	32	-.2	N	2	b	*	48	32	—	
Cambridge	30.37	38	NE	1	b	30.43	+ .21	33	32	0	NNE	1	b	*	48	27	—	
Yarmouth	30.34	43	ENE	4	b	30.40	+ .20	42	39	-.2	NE	3	b	3	45	40	—	
The Helder	30.39	37	ENE	4	b	30.39	+ .17	45	31	-.3	ENE	1	b	1	41	34	—	
Cape Gris Nez	30.19	43	NE	9	b	30.33	+ .27	39	34	+ 3	ENE	7	b	6	46	36	—	
Jersey	30.13	46	NE	8	b	30.31	+ .33	44	40	-.1	NE	8	b	6	48	43	—	
Brest	30.14	46	NE	7	b	30.34	+ .37	42	40	-.3	NE	4	b	2	50	?	—	
Lorient	29.99	46	NE	9	b	30.22	+ .35	43	38	+ 2	NE	4	b	3	50	39	—	
Rochefort	29.75	42	NNE	9	o	29.98	+ .31	34	32	-.6	NNE	9	o	4	50	30	—	
Biarritz	29.76	45	NNE	5	r	29.89	+ .25	39	38	-.6	ENE	5	r	28	55	37	0.53	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.30	+ .22	27	27	-.5	NE	5	b	*	40	26	—	
Charleville	30.10	37	NNE	7	b	30.12	+ .22	28	27	-.8	ENE	5	b	*	?	27	—	
Paris	30.02	40	NNE	3	b	30.19	+ .32	31	31	-.5	NNE	4	b	*	*	*	—	
Lyons	29.70	42	N	3	a	29.83	+ .21	37	35	-.5	WNW	1	o	*	44	36	0.55	
Toulon	29.44	47	E	11	o	29.67	+ .14	46	45	+ 2	SW	4	o	6	?	?	2.36	

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

Hawes Junction	29.17	31	2	0	b	29.16	+ .01	32	30	+ 1	SSW	4	b	*	41	26	—
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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 ...	30.23	44	39	WSW	7	o	4	Valentia ...	30.36	50	44	NE	1	c	2
Sumburgh Head	30.11	46	44	WSW	5	o	5	Scilly ...	30.21	47	44	ENE	7	c	6
Stornoway ...	30.27	48	45	SW	4	b	3	Dover ...	30.15	45	40	E	5	b	5
Aberdeen ...	30.33	38	35	WSW	1	b	1	London ...	30.23	47	41	ENE	4	b	—
Shields ...	30.38	44	41	NNW	2	b	2	Yarmouth ...	30.27	45	41	ENE	4	b	4
Ardrossan ...	30.39	44	40	ENE	1	b	o	Jersey ...	30.03	47	40	ENE	8	b	6
Mullaghmore ...	30.28	46	44	NW	1	b	1	Rochefort ...	29.75	41	37	NNE	9	r	4
Holyhead ...	30.37	44	44	E	3	b	2								

There has been no change of importance since the morning except that the E^o wind in the south has increased somewhat and risen to a gale at Jersey.

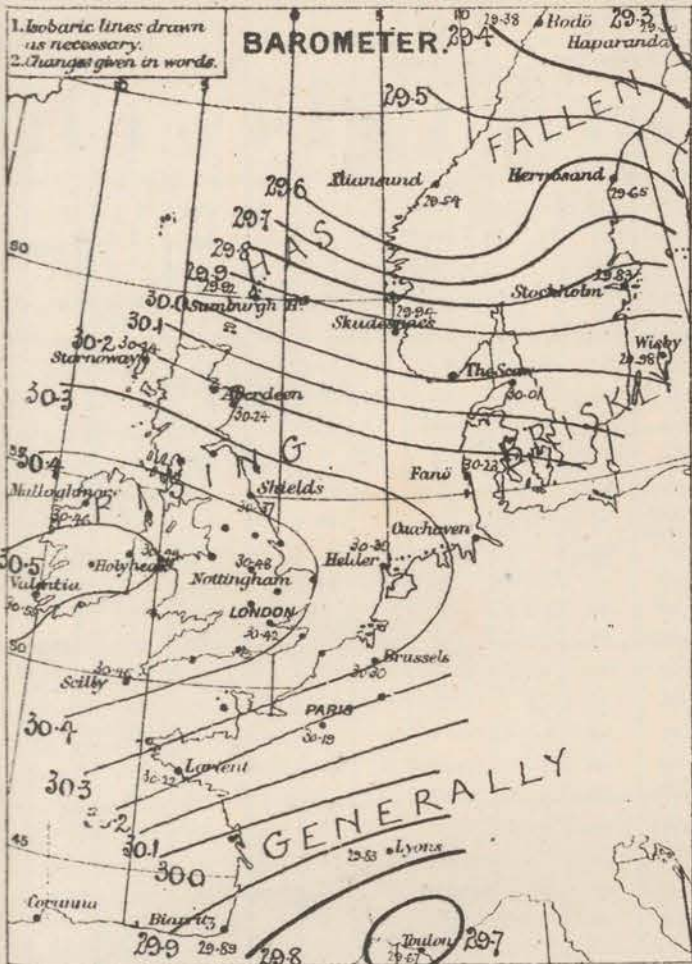
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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.
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 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS for 8 a.m. on Thursday 4th Nov^r 1880.

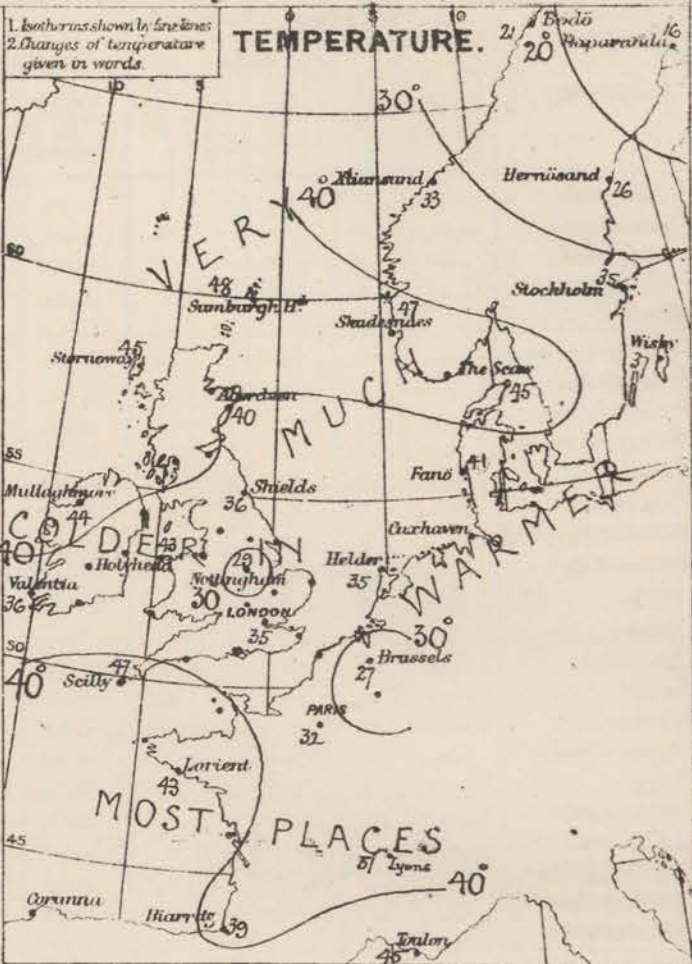
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



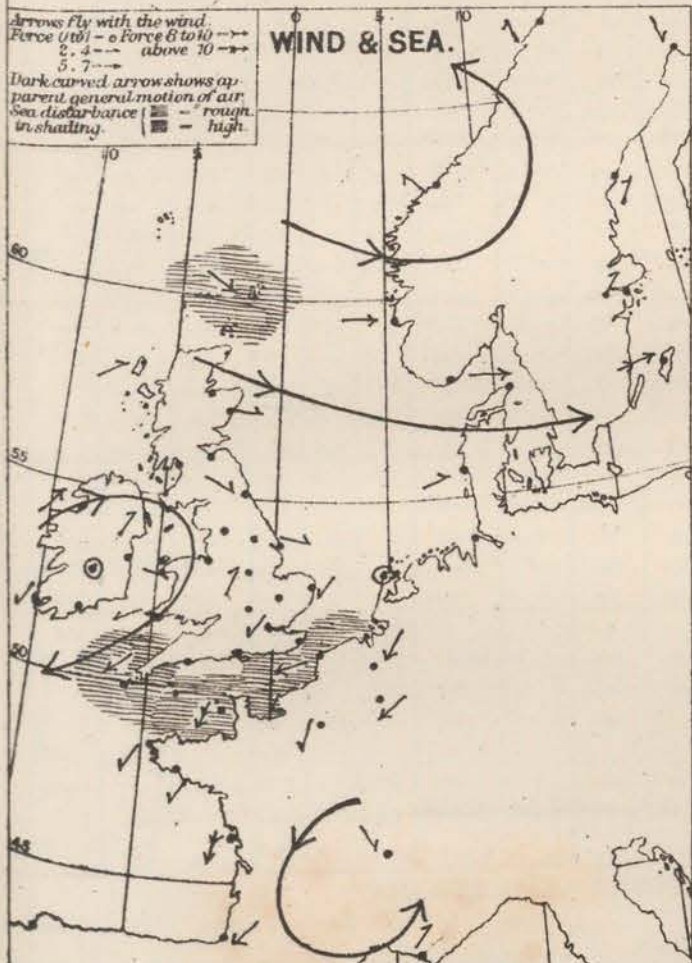
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



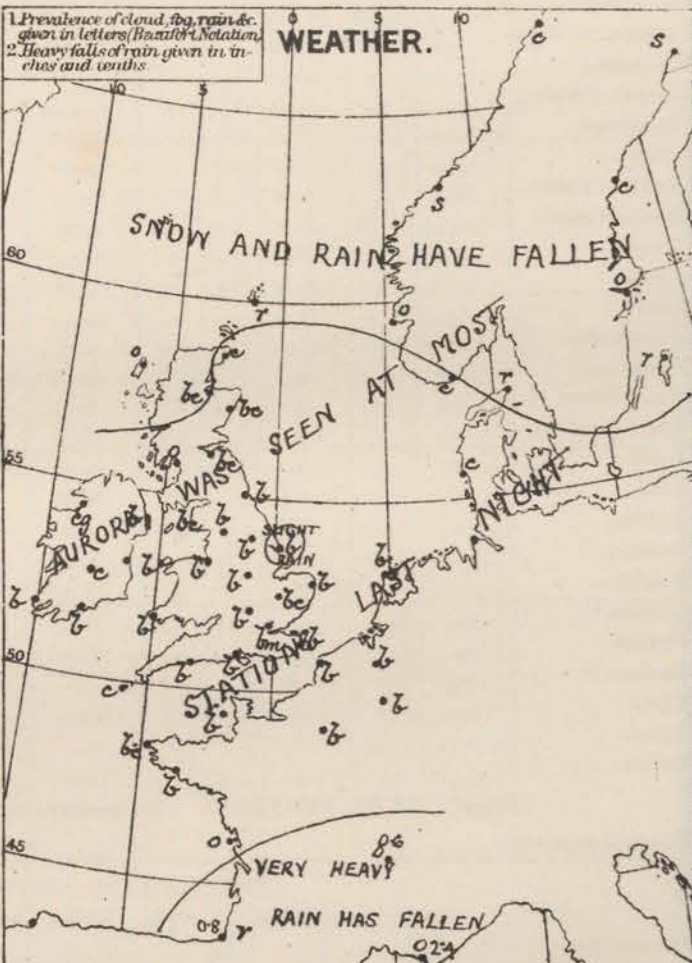
Arrows fly with the wind.
Force (ft) - force 6 to 10 -
2, 4 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance - rough in shading - high.

WIND & SEA.



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

WEATHER.



REMARKS. The general distribution of pressure is not much changed, a large area of high readings lying over Ireland and England, while comparatively low barometers are reported from the S. of France and the N. of Norway. The depression which was yesterday noticed over France now lies near Toulon and is filling up; the barometer has risen over the whole of that country as well as over the greater part of these Islands, but in the N. a decrease has occurred, and a large disturbance lies over Norway. The wind is W all over the Nth half of our area, Nth or N.E. over the S.E. coast, and Eth to N.E. in the S. It is fresh & strong in force in the Shetlands, and over the S. of Scandinavia, and fresh to a gale over the Channel and France. Over Central England it is light and more variable. The weather is dull in the N. of Ireland and the N. and N. of Scotland, as well as over the Eth shores of the North Sea and the S. of France, but in all other places the sky is clear or nearly so. In the Shetlands and at Birmm^g rain is falling. Temperature has risen very fast over Scotland, Denmark and the S. of Scandinavia, but has fallen over the S. of England, and the whole of France. Readings range from 47° at Scilly and 48° in the Shetlands, to 28° at Paris and 26° at Nottingham. Light frost prevailed over Central and Eth England last night. Sea is rough in the Channel, slight in most other places. Aurora was seen in nearly all parts of Nth Europe last night.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

5th NOVEMBER

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.				Max.	Min.						
Haparanda	29.52	-5	N	2	b	29.64	+34	-1	N	2	b	16	?	-					
Hernösand	29.61	25	N	2	b	29.91	+26	14	N	2	b	32	?	-					
Stockholm	29.41	40	W	6	+	29.95	+12	27	W	2	b	41	?	0.08					
Wisby	29.69	41	SW	8	+	29.89	-09	36	N	4	b	41	32	0.12					
Bodo																			
Christiansund	29.82	35	N	1	o	29.84	+30	35	S	1	o	36	25	0.63					
† Skudesnaes	29.88	49	W	10	o	29.96	+02	45	E	?	+	?	?	-					
Oxö (Ålansund)	29.70	50	W	6	o	29.99	00	42	SW	1	c	50	41	-					
Skagen (The Skaw)	29.73	47	W	8	o	30.01	00	41	SE	3	b	48	37	0.12					
Fanö	30.06	45	W	4	o	30.11	-17	45	W	4	c	46	41	-					
Cuxhaven	30.32	35	W	2	b	30.19	-23	43	NW	1	b	?	27	0.04					
† Sumburgh Head	29.93	49	W	6	c	29.94	+02	48	W	5	o	50	46	0.05					
† Stornoway	30.24	47	W	3	c	30.16	-08	47	W	5	c	49	45	0.07					
Wick	30.16	48	N	7	o	30.15	+06	46	N	4	o	48	37	-					
Nairn	30.24	47	W	1	c	30.18	-08	45	W	1	b	48	45	-					
† Aberdeen	30.22	46	W	3	c	30.20	-04	44	SW	1	b	50	40	-					
Leith	30.29	49	N	3	b	30.26	-06	45	W	3	b	53	40	-					
† Shields	30.31	46	W	2	b	30.28	-09	41	W	2	b	48	36	-					
Spurn Head	30.34	43	W	3	b	30.32	-10	40	W	3	b	43	37	-					
York	30.35	41	W	1	b	30.34	-10	38	SW	1	f	49	28	-					
Nottingham	30.39	37	SW	1	b	30.38	-10	32	W	0	f	45	27	-					
† Ardrossan	30.35	48	W	5	o	30.30	-08	48	W	3	c	51	46	0.03					
† Mullaghmore	30.44	49	W	4	o	30.40	-06	48	W	5	o	52	43	0.04					
Donaghadee	30.42	46	W	3	b	30.37	-07	43	W	3	b	49	36	-					
Parsonstown	30.38	44	W	2	o	30.48	-08	41	SW	1	o	48	27	0.01					
Barrow-in-Furness	30.38	46	N	4	b	30.25	-11	47	N	3	o	54	30	-					
† Holyhead	30.42	49	W	4	o	30.40	-09	49	N	4	o	49	42	-					
Liverpool (Biston)	30.40	46	W	2	c	30.37	-10	46	W	3	o	48	37	-					
† Valentia	30.52	49	W	2	o	30.51	-04	40	NNE	1	b	55	34	-					
Roche's Point	30.51	42	W	3	c	30.49	00	45	N	2	c	48	36	-					
Pembroke	30.44	45	N	2	b	30.40	-08	48	N	2	o	50	38	-					
† Scilly	30.46	49	NNE	5	c	30.43	-02	51	NNE	4	o	51	46	-					
Prawle Point	30.42	39	NNE	2	b	30.41	-02	42	N	2	b	48	34	-					
Horst Castle	30.39	39	NNE	2	b	30.38	-06	38	NE	2	o	46	33	-					
† Dover	30.34	42	ENE	3	b	30.34	-01	39	N	1	c	46	37	-					
† London	30.38	36	ENE	2	b	30.38	-04	34	W	0	f	46	29	-					
Oxford	30.40	34	W	0	o	30.39	-0	32	W	0	of	47	32	-					
Cambridge	30.38	36	N	1	b	30.36	-07	31	N	1	o	47	29	-					
† Yarmouth	30.35	41	N	1	b	30.33	-07	33	W	3	f	46	32	-					
The Helder	30.26	37	W	1	b	30.27	-12	46	N	?	o	48	32	-					
Cape Gris Nez	30.34	45	NE	7	b	30.33	00	44	SW	1	m	46	36	-					
† Jersey	30.37	46	NE	4	c	30.40	+09	45	ENE	2	b	47	42	-					
Brest	30.39	44	NNE	4	b	30.36	+02	44	NNE	2	o	50	39	-					
Lorient	30.26	45	NE	7	b	30.35	+13	41	ENE	3	b	50	39	-					
† Rochefort	30.15	41	ENE	7	b	30.24	+26	35	ENE	7	b	46	30	-					
Biarritz	30.11	37	E	3	b	30.17	+28	35	E	3	f	48	32	0.24					
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Brussels	*	*	*	*	*	30.20	+03	33	N	1	f	41	27	-					
Charleville	30.20	34	NNE	7	b	?	?	24	E	1	b	48	23	-					
Paris	30.21	37	N	7	b	30.34	+15	31	N	3	b	*	*	-					
Lyons																			
Toulon	29.95	45	NE	4	+	30.02	+35	46	NE	5	o	46	43	0.87					

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

Hawes Junction	29.09	40	S	2	b	29.07	-09	39	W	3	o	40	31	-					
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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	48	47	W	8	r	Valentia ...	30.55	50	47	NE	1	om	1
Sumburgh Head	29.87	50	48	WNW	7	o	Scilly ...	30.48	49	46	NE	5	c	4
Stornoway ...	30.24	49	48	W	4	o	Dover ...	30.36	45	38	ENE	5	b	5
Aberdeen ...	30.22	47	44	W	2	b	London ...	30.39	45	41	ENE	2	b	m
Shields ...	30.29	48	44	WNW	4	b	Yarmouth ...	30.39	46	42	NE	2	b	8
Ardrossan ...	30.35	50	49	WNW	5	o	Jersey ...	30.35	47	41	NE	6	b	5
Mullaghmore ...	30.46	51	48	WNW	5	b	Rochefort ...	30.03	44	38	NE	9	b	4
Holyhead ...	30.46	48	48	WNW	3	b								

Pressure is decreasing in the N. increasing slowly in the S. The weather remains cloudy on our extreme W. and N. coasts with westerly winds, and fine cold clearness with north easterly winds.

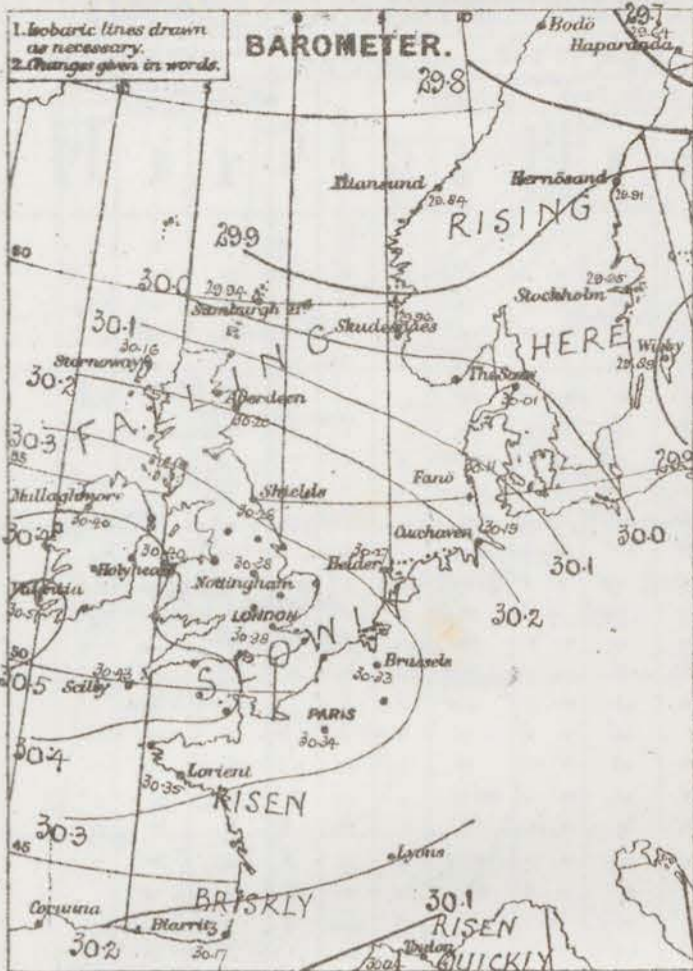
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (under 1000 ft.); 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 Friday 5th Nov. 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 - - -
2, 4 - - - above 10 - - -
3, 7 - - -
Dark curved arrow shows apparent general motion of air.
Sea disturbance () - rough in shading. () - high.

WIND & SEA.



1. Prevalence of cloud, fog, rain, etc. given in letters. () - partial. () - heavy fall of rain given in inches and tenths.

WEATHER.



REMARKS.

Weather this morning is cloudy or dull at all our more W^{est} stations, as well as in the extreme NE. of Scotland, while on our NE. coasts the sky is nearly clear and over Central and E^{ast} England, as well as at Riverly dense fog prevails. Rain is falling at Mullaghmore and Skudsmose, and slight rain resumed in the extreme W. and NW. yesterday. The wind is W^{est} as most of our coasts, and over the North Sea, but in the S. and over France it changes into N. and NE. In the NW. and N. it blows freshly. Pressure is increasing fast over France, and slightly over Scandinavia but is decreasing over these Islands. The highest readings are still shown over Iceland, and on SW. coasts, with comparatively low pressures over the Peninsula and Scandinavia. The depression which yesterday lay near Rouen has since disappeared and the mercury there has risen quickly. Temperature has risen in the W. fallen in the SE. and over France; readings range from 51° at Scilly and 48° in the Shetlands to 28° at York. Slight frost was experienced over Central England last night. The sea is slight except in the N.

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Delivery by hand 10/- per quarter. Both post 5/-.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

6th Nov^r

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		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	29.78	4	Z	0	b	29.83	+ .05	11	11	— 10	Z	0	b	*	5	— 11	—	
Hernösand	29.88	25	N	2	o	30.00	+ .09	10	9	— 4	N	2	b	*	30	7	—	
Stockholm	29.80	30	SE	2	s	30.01	+ .06	30	30	+ 3	N	2	b	*	43	25	0.24	
Wisby	29.89	37	SH	4	o	29.88	— .01	38	35	+ 2	N	4	o	*	39	28	0.04	
Bodo	29.69	26	NTN	2	s	29.58	— .11	32	31	—	N	6	c	4	2	23	—	
Christiansund	29.57	33	SH	2	o	29.68	— .11	37	36	+ 2	SE	1	o	3	37	25	0.16	
† Skudesnaes	29.98	48	WNW	6	o	29.97	+ .01	48	47	+ 3	N	4	o	3	48	45	—	
Oxö (Xtiansund)	29.88	47	NTN	6	r	29.99	— .00	48	46	+ 6	NTN	2	c	1	48	?	—	
Skagen (The Skaw)	29.89	46	N	6	o	29.96	— .05	46	45	+ 5	NTN	4	b	4	46	37	—	
Faro	30.13	46	N	4	c	30.15	+ .02	46	45	+ 1	N	4	b	*	48	45	0.02	
Cuxhaven	30.23	?	SH	1	f	30.26	+ .03	45	45	+ 2	N	1	b	*	46	41	—	
† Sumburgh Head	29.95	49	N	5	r	29.76	— .18	49	47	+ 1	NTN	6	o	6	50	44	0.07	
† Sornoway	30.13	51	N	5	r	29.88	— .25	47	46	— 0	N	9	r	7	51	45	0.05	
Wick	30.10	48	SH	3	b	29.90	— .20	49	47	+ 3	SH	2	om	2	50	40	—	
Nairn	30.16	48	SH	2	b	29.99	— .17	52	50	+ 7	NTN	3	b	1	52	45	—	
† Aberdeen	30.17	46	N	1	b	30.07	— .10	46	43	+ 2	SH	3	b	1	55	42	—	
Leith	30.24	49	N	1	c	30.17	— .07	50	47	+ 5	N	3	b	*	53	44	—	
† Shields	30.26	47	WNW	2	b	30.24	— .02	44	43	+ 3	N	2	b	2	50	40	—	
Spurn Head	30.30	45	N	3	o	30.31	— .01	44	42	+ 4	NTN	4	c	4	46	39	—	
York	30.31	46	N	1	b	30.31	— .00	40	39	+ 12	S	1	b	*	51	38	—	
Nottingham	30.37	42	NTN	1	b	30.39	+ .02	44	43	+ 12	NTN	2	o	*	46	32	—	
† Ardrossan	30.28	52	NTN	5	b	30.21	— .07	51	50	+ 3	NTN	4	c	3	52	48	—	
† Mullaghmore	30.38	50	NTN	5	o	30.28	— .10	49	48	+ 1	SH	5	ogm	4	53	47	0.02	
Donaghadee	30.37	49	NTN	3	b	30.29	— .08	45	44	+ 2	NTN	4	b	2	54	43	—	
Parsonstown	30.47	46	N	2	o	30.40	— .07	43	42	+ 2	SH	1	o	*	44	40	—	
Barrow-in-Furness	30.30	49	NTN	3	b	30.33	— .03	49	47	+ 2	NTN	2	c	4	50	46	0.02	
† Holyhead	30.40	51	NTN	3	o	30.37	— .03	50	49	+ 1	N	4	o	3	51	48	—	
Liverpool (Bulton)	30.35	47	N	3	c	30.35	— .00	46	44	— 0	NTN	3	c	2	49	44	—	
† Valentia	30.50	49	NTN	2	o	30.44	— .06	51	48	+ 11	NTN	3	og	3	53	40	0.01	
Roche's Point	30.51	48	NTN	4	c	30.46	— .05	48	45	+ 3	N	2	o	3	52	44	—	
Pembroke	30.41	48	NTN	2	c	30.40	— .01	51	44	+ 3	N	4	o	3	51	47	—	
† Scilly	30.45	51	N	4	o	30.47	+ .02	52	50	+ 1	NTN	3	o	2	52	49	0.01	
Prawle Point	30.41	47	NTN	1	o	30.44	+ .03	48	45	+ 6	NTN	2	o	2	50	41	—	
Hurst Castle	30.39	47	N	1	o	30.41	+ .02	44	43	+ 6	NTN	1	cm	0	49	36	—	
† Dover	30.35	43	N	3	b	30.38	+ .03	45	44	+ 6	NTN	1	cm	0	47	38	0.02	
† London	30.36	44	N	2	of	30.40	+ .04	43	42	+ 9	NTN	1	cm	*	46	34	—	
Oxford	30.41	46	N	1	o	30.41	+ .00	43	42	+ 11	NE	1	of	*	47	32	0.01	
Cambridge	30.34	44	N	1	o	30.37	+ .03	45	44	+ 14	NTN	1	o	*	48	30	—	
† Yarmouth	30.32	35	NTN	2	r	30.33	— .01	42	42	+ 9	NTN	1	f	2	42	32	—	
The Helder	30.28	47	NTN	1	o	30.27	— .01	48	46	+ 2	N	1	o	1	48	45	—	
Cape Gris Nez	30.41	43	NE	1	sw	30.36	+ .05	45	42	+ 1	SH	3	m	1	52	43	—	
† Jersey	30.44	48	NE	2	o	30.46	+ .02	49	46	+ 4	NE	1	cm	1	50	44	—	
Brest	30.48	48	NE	1	o	30.47	+ .01	48	45	+ 4	ENE	1	o	2	54	43	—	
Lorient	30.37	50	ENE	4	c	30.42	+ .05	47	44	+ 6	ENE	1	o	1	52	39	—	
† Rochefort	30.33	43	ENE	7	b	30.38	+ .05	39	36	+ 4	NE	5	b	2	50	30	—	
Biarritz	30.32	38	ESE	4	o	30.34	+ .02	41	39	+ 6	SE	4	o	3	48	34	—	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.38	+ .05	38	38	+ 5	NTN	4	f	*	40	?	—	
Charleville	30.38	40	E	3	b	30.38	?	31	31	+ 7	E	1	f	*	45	?	—	
Paris	30.36	43	?	3	c	30.41	+ .05	37	37	+ 6	NNE	1	f	*	*	*	—	
Lyons	30.31	36	N	1	o	30.31	+ .00	37	35	+ 2	NTN	1	o	*	37	?	—	
† Toulon	30.10	50	NTN	4	b	30.22	+ .12	49	47	+ 3	NE	4	b	5	55	46	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.06	43	NTN	4	o	29.04	— .02	41	42	+ 3	NTN	3	o	*	44	38	—	

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

Hawes Junction	29.06	43	NTN	4	o	29.02	— .04	41	42	+ 3	NTN	3	o	*	44	38	—
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

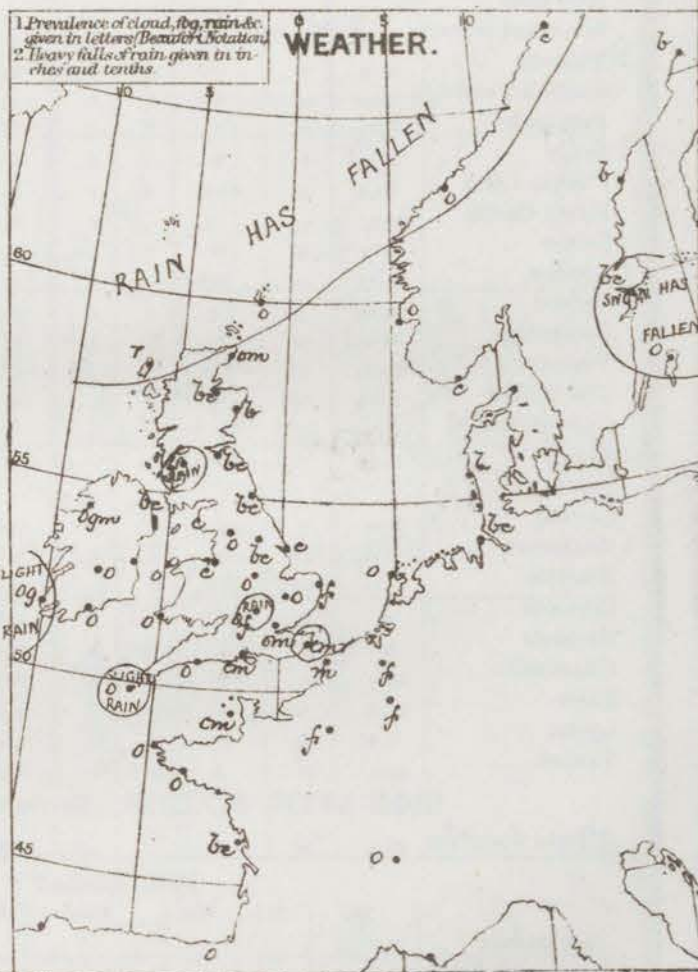
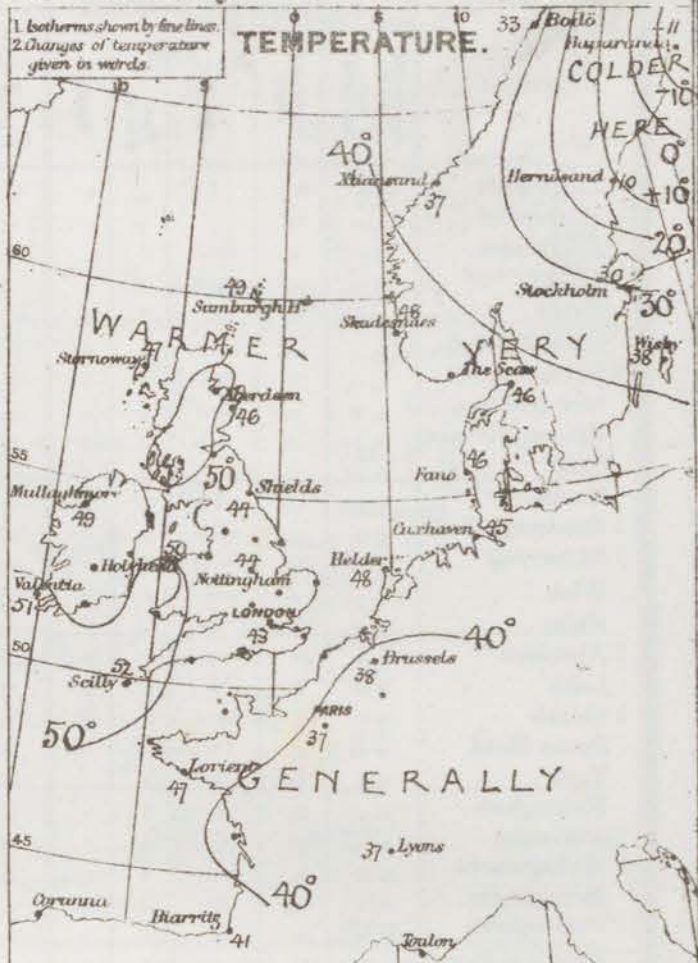
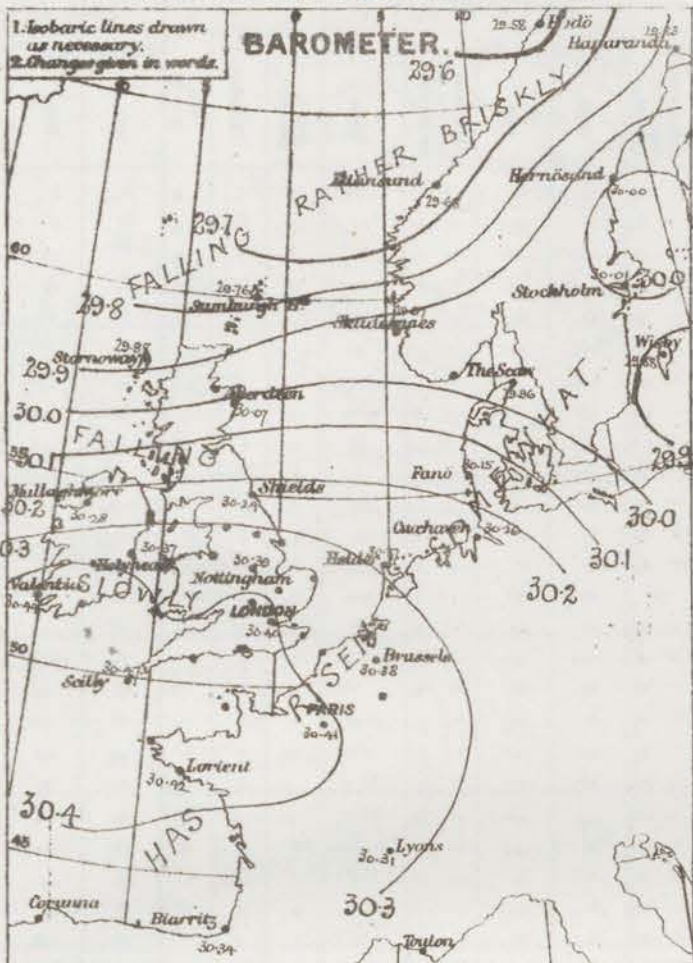
	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes	29.96	48	47	N	5	of	4	Valentia	30.51	52	49	NN	2	o	3
Sumburgh Head	29.94	49	48	N	5	r	6	Scilly	30.45	50	49	NNN	4	o	2
Sornoway	30.15	51	50	N	4	c	3	Dover	30.35	46	43	N	2	bm	1
Aberdeen	30.17	51	47	N	2	b	1	London	30.37	42	42	2	o	of	
Shields	30.27	49	45	NNN	3	b	2	Yarmouth	30.32	40	39	NNN	2	f	2
Ardrossan	30.29	51	50	NNN	4	r	2	Jersey	30.41	50	47	NNE	3	bm	3
Mullaghmore	30.41	52	50	N	5	og	4	Rochefort							
Holyhead	30.41	50	48	NN	4	o	3								

No important change.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 *Saturday* 6. Nov^r 1880.



REMARKS. Weather remains fine at our NE^s stations, and over Sweden it is bright and clear, but in all other parts of N^o Europe the sky is cloudy or overcast with fog at Yarmouth, and over the Netherlands and NE of France, and rain at Copenhagen. Slight snow has fallen at a few W^o and N^o stations during the past 24 hours. The wind is W over nearly the whole of these islands and the North Sea, but changes into N. in the SW of England, and over the NE of France, and into NE over the Bay of Biscay. It is generally light or moderate in force, but blows freshly in N. Ireland and the Shetlands, and with the force of a gale in the Hebrides. Temperature has risen in nearly all places, the change in Scotland and S^o England, amounting to about 10° and readings range from 52° at Derry and Dublin to 40° at York. In Sweden a rapid decrease of temperature has occurred, and readings over Scandinavia range from 48° in S. Norway to -11° F. in Lapland. Pressure is decreasing except over the SW^o stations and in Denmark, Norway and Sweden. A large area of high pressure lies over the Channel and our SW^o coasts, while disturbances are passing from SW to NE to the N^o of Scotland. At Copenhagen the barometer is at present going away rather briskly. The sea is rough in the W^o of Scotland, slight or smooth elsewhere.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 7th Nov^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).		Rising 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	29.37	28	S	4	0	28.78	- 1.05	28	25	+ 39	NW	6	0	*	36	?	—		
Hernösand	29.41	32	S	4	0	29.36	- .64	36	32	+ 26	W	4	6	*	?	5	0.16		
Stockholm	29.75	39	WSW	8	0	29.51	- .50	44	48	+ 14	W	2	7	*	?	28	0.04		
Wisby	29.91	40	SSW	2	0	29.70	- .18	44	42	+ 6	WSW	6	0	*	?	30	—		
Bodö	29.60	31	NE	6	0	29.16	- .42	23	21	- 10	W	8	5	5	?	23	—		
Christiansund	29.17	44	WSW	9	0	29.24	- .14	32	32	- 5	W	9	5	7	45	?	0.43		
Skudesnaes	29.69	30	SW	8	7	29.70	- .27	46	43	- 2	W	6	0	4	50	?	—		
Örö (Xiansund)	29.81	48	SSW	8	0	29.71	- .28	45	?	- 3	WSW	4	0	2	48	48	—		
Skagen (The Skaw)	29.87	46	WSW	6	6	29.69	- .27	46	46	0	W	6	7	5	46	43	0.04		
Fanö	30.05	37	W	4	6	29.92	- .23	49	48	+ 3	W	5	m	*	?	45	0.04		
Cuxhaven	30.26	46	WSW	2	bc	30.11	- .15	45	45	0	SW	3	0	*	46	43	—		
Sumburgh Head	29.64	47	WNW	6	0	29.79	+ .03	37	35	- 12	NNE	3	6	3	52	36	0.08		
Stornoway	29.81	48	NW	3	7	29.90	+ .02	36	35	- 11	WNW	1	6	1	54	35	0.32		
Wick	29.77	48	W	5	7	29.90	.00	38	36	- 11	NW	2	6	2	54	35	0.18		
Nairn	29.80	34	W	4	0	29.41	- .08	41	40	- 11	W	2	0	0	55	40	0.34		
Aberdeen	29.86	52	SSW	5	c	29.91	- .16	44	42	- 2	NW	2	c	1	56	43	0.14		
Leith	30.60	52	W	8	0	29.91	- .26	52	50	+ 2	NW	1	7	*	56	49	0.02		
Shields	30.11	51	WSW	3	bc	29.97	- .27	51	49	+ 7	WSW	3	0	2	52	43	—		
Spurn Head	30.24	46	SW	2	bc	30.11	- .20	47	45	+ 3	SW	4	0	3	48	43	—		
York	30.21	47	W	2	6	30.07	- .24	49	47	+ 9	SSW	1	0	*	55	39	—		
Nottingham	30.30	45	SW	3	c	30.17	- .22	47	46	+ 3	SSW	4	0	*	54	41	—		
Ardrossan	30.08	53	WSW	4	0	29.93	- .28	50	49	- 1	NW	3	0	2	53	49	0.50		
Mullaghmore	30.18	52	SW	6	ogm	30.00	- .28	52	52	+ 3	W	7	img	6	54	48	0.54		
Donaghadee	30.15	50	SW	4	c	29.97	- .32	52	52	+ 7	SW	4	0	2	53	44	0.01		
Parsonstown	30.31	50	W	3	0	30.16	- .24	52	50	+ 9	W	3	0	*	52	48	—		
Barrow-in-Furness	30.23	50	W	3	0	30.09	- .24	49	49	0	SW	5	7	5	52	46	0.05		
Holyhead	30.25	51	WSW	3	m	30.13	- .24	50	50	0	WSW	5	d	4	52	49	0.03		
Liverpool (Bidston)	30.26	49	WSW	3	0	30.12	- .23	49	47	+ 3	SW	3	0	2	51	46	—		
Valentia	30.33	52	SW	5	og	30.25	- .19	54	52	+ 3	WSW	5	om	5	54	50	—		
Roche's Point	30.41	50	W	3	c	30.24	- .22	52	50	+ 4	WSW	4	0	4	53	48	—		
Pembroke	30.33	51	W	3	c	30.24	- .16	52	50	+ 1	WSW	5	0	5	52	50	—		
Scilly	30.43	51	W	4	0	30.37	- .10	53	52	+ 1	W	5	0	4	53	50	—		
Prawle Point	30.42	46	WNW	2	0	30.34	- .10	47	46	- 1	WNW	2	0	2	51	43	—		
Hurst Castle	30.37	47	W	0	0	30.31	- .09	48	47	+ 4	WSW	2	c	0	50	44	—		
Dover	30.36	40	W	1	om	30.29	- .09	46	43	+ 1	W	3	bc	2	50	44	—		
London	30.36	45	NW	1	0	30.28	- .12	46	45	+ 3	WSW	2	6	*	51	42	—		
Oxford	30.34	46	W	1	0	30.25	- .16	47	45	+ 4	SW	2	ow	*	51	43	—		
Cambridge	30.22	46	W	1	0	30.22	- .15	46	45	+ 1	SW	1	0	*	51	42	—		
Yarmouth	30.29	46	WSW	2	bc	30.19	- .14	45	43	+ 3	WSW	2	bc	2	49	41	—		
The Helder	30.26	48	W	1	c	30.15	- .12	50	48	+ 2	WSW	4	0	2	50	?	—		
Cape Gris Nez	30.36	50	WNW	1	m	30.32	- .04	48	43	+ 3	WNW	4	bc	3	54	43	—		
Jersey	30.43	50	NNE	2	om	30.40	- .06	48	47	- 1	NW	2	c	2	52	46	0.01		
Brest																			
Lorient	30.39	51	NE	1	0	30.39	- .03	48	44	+ 1	E	1	0	1	52	45	—		
Rochefort	30.34	48	NE	5	0	30.38	.00	37	37	- 2	ENE	4	m	2	50	34	—		
Biarritz	30.33	46	NNE	3	0	30.38	+ .04	42	39	+ 1	SE	3	c	0	52	37	—		
Corunna	*	*	*	*	*	30.32		56	*		NE	3	0	5	*	*	*		
Brussels	*	*	*	*	*	30.32	- .06	43	42	+ 5	SW	3	0	*	45	?	0.04		
Charleville	30.47	39	NW	1	bc	30.31	- .07	36	34	+ 5	WSW	1	f	*	45	28	—		
Paris	30.43	43	W	0	f	30.41	.00	42	40	+ 5	NE	1	0	*	*	*	—		
Lyons	30.38	39	N	1	0	30.39	+ .08	39	39	+ 2	NNE	1	0	*	?	?	—		
Toulon	30.19	53	E	4	6	30.18	- .04	55	46	+ 6	ENE	5	bc	5	55	?	—		

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

Hawes Junction	28.96	45	WSW	5	of	28.80	44	44	+ 2	W	4	ud	*	46	41	0.20			
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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 ...	29.88	49	47	SW	0	5	Valentia ...	30.41	53	51	SW	4	om	4
Sumburgh Head	29.59	52	51	WSW	8	6	Scilly ...	30.49	52	50	WN	4	0	3
Stornoway ...	29.80	54	54	W	8	7	Dover ...	30.37	49	46	N	3	bc	1
Aberdeen ...	29.94	54	50	SSW	3	1	London ...	30.36	50	46	W	1	0	*
Shields ...	30.19	51	48	WSW	3	2	Yarmouth ...	30.31	48	46	WNW	2	bc	2
Ardrossan ...	30.16	53	51	WSW	1	2	Jersey ...	30.45	52	48	WN	1	og	1
Mullaghmore ...	30.24	53	51	SW	5	4	Rochefort ...	30.36	47	43	NNE	2	m	2
Holyhead ...	30.36	52	51	WSW	4	3								

Pressure is decreasing everywhere—briskly in the N. and the Nth wind has risen to a fresh gale in the Shetlands and Hebrides. The weather is fine on the south-east coast of England, cloudy elsewhere, with rain 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. misty (light); 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 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).
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DAILY WEATHER REPORT 8TH NOV^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	29.27	16	NN	2	b	29.26	+ .48	15	13	— 13	N	4	b	*	28	10	—
Hernösand	29.65	26	SW	2	b	29.73	+ .27	19	18	— 17	SW	2	b	*	3	?	—
Stockholm	29.63	35	SSH	2	c	29.80	+ .29	26	26	— 18	N	2	b	*	?	?	0.04
Wisby	29.70	43	N	4	b	29.95	+ .05	34	32	— 10	NNE	2	b	*	46	?	0.08
Bodo	29.26	23	NN	9	o	29.26	+ .10	29	27	+ 6	N	9	o	7	?	24	—
Christiansund	29.71	29	NNN	7	c	29.80	+ .26	29	?	— 3	NN	6	c	6	?	18	0.04
† Skudesnaes	29.82	38	E	2	o	29.90	+ .20	38	28	— 14	NNN	6	c	4	46	?	—
Örö (Xiänsund)	29.83	39	SSH	2	b	29.72	+ .01	36	35	— 9	N	4	o	2	46	33	0.08
Skagen (The Skaw)	29.81	42	NNN	4	b	29.71	+ .02	41	39	— 5	SW	3	b	1	46	32	0.04
Fanö	29.88	44	E	1	r	29.82	— .10	41	41	— 8	SW	1	c	*	?	39	0.32
Cuxhaven	29.96	47	SW	4	r	29.88	+ .23	46	46	+ 1	NN	1	b	*	?	43	0.31
† Sumburgh Head	29.79	38	ESE	2	r	30.07	+ .28	28	27	— 9	N	5	s	4	43	26	0.18
† Stornoway	29.94	42	NN	5	b	30.34	+ .44	32	32	— 4	2	o	c	0	48	30	0.10
Wick	29.77	40	NNN	5	o	30.29	+ .39	32	30	— 6	NNN	2	b	2	45	30	0.15
Nairn	29.96	42	N	1	c	30.30	+ .39	35	33	— 6	NN	3	b	2	45	33	0.02
† Aberdeen	29.98	43	NN	1	b	30.26	+ .35	33	32	— 11	NNN	2	b	3	50	33	0.05
Leith	29.99	45	N	1	b	30.30	+ .39	37	35	— 15	N	1	b	*	53	34	0.02
† Shields	29.99	48	NNN	1	o	30.24	+ .27	37	35	— 14	N	4	b	4	53	36	—
Spurn Head	30.00	46	NNN	4	r	30.70	+ .05	40	38	— 7	NNN	5	b	4	49	38	0.07
York	29.99	57	SW	1	o	30.22	+ .15	37	35	— 12	N	3	b	*	52	37	0.30
Nottingham	30.07	52	SW	4	o	30.25	+ .08	39	37	— 8	N	2	b	*	53	30	—
† Ardrossan	30.03	48	NN	3	b	30.34	+ .44	35	30	— 15	NE	2	b	1	50	34	0.03
† Mullaghmore	30.11	48	NNN	4	b	30.34	+ .34	46	42	— 6	NE	5	b	4	53	41	0.15
Donaghadee	30.12	46	NN	4	c	30.32	+ .35	43	41	— 9	ENE	6	b	4	53	40	0.01
Parsonstown	30.14	50	L	0	r	30.39	+ .23	44	33	— 18	NNE	1	c	*	53	33	0.24
Barrow-in-Furness	30.04	48	NN	3	o	30.24	+ .15	39	36	— 10	NNE	3	b	3	51	38	0.27
† Holyhead	30.07	53	SW	3	r	30.29	+ .16	49	49	— 1	NNE	3	c	2	53	45	0.37
Liverpool (Bidston)	30.07	47	NNN	3	o	30.26	+ .14	43	40	— 6	NNN	2	b	1	51	43	0.23
† Valentia	30.18	54	SSH	4	r	30.39	+ .14	46	43	— 8	NE	3	b	4	55	44	0.20
Roche's Point	30.21	54	SSH	4	o	30.39	+ .15	42	39	— 10	NNE	4	b	4	59	40	0.08
Pembroke	30.14	53	SSH	0	r	30.24	0.0	46	44	— 6	NNE	3	c	3	53	46	0.26
† Scilly	30.30	52	N	6	o	30.23	— .14	53	53	0	NNN	4	r	4	53	49	0.15
Prawle Point	30.28	51	SSH	4	o	30.21	— .18	51	51	+ 4	SSH	3	r	2	52	46	0.03
Hurst Castle	30.23	51	NNN	3	o	30.21	— .02	46	45	— 1	ENE	1	o	2	51	45	0.05
† Dover	30.21	48	N	3	b	30.10	— .15	45	43	— 1	N	3	c	2	51	44	0.06
† London	30.18	49	SW	3	o	30.21	— .13	48	44	— 1	NNN	2	c	*	54	45	0.11
Oxford	30.15	50	SW	4	o	30.23	— .02	44	42	— 3	NNN	2	b	*	54	44	0.08
Cambridge	30.12	50	SW	1	o	30.20	— .02	40	39	— 6	NNN	1	b	*	53	38	0.19
† Yarmouth	30.09	48	SSH	3	o	30.12	— .07	41	40	— 4	NN	2	b	2	50	39	0.11
The Helder	29.04	50	SSH	4	r	29.99	— .16	48	46	— 2	NNN	1	c	2	50	46	0.28
Cape Gris Nez	30.32	52	N	4	c	30.19	— .13	48	48	0	NNN	4	o	2	54	46	0.12
† Jersey	30.36	49	NNN	2	c	30.23	— .17	53	52	+ 5	NNN	3	o	3	53	47	0.09
Brest	30.37	51	NNN	3	o	30.30	— .07	51	50	— 1	NN	3	r	2	52	48	—
Lorient	30.36	51	NN	4	o	30.28	— .11	51	46	+ 3	NN	3	c	1	52	45	—
† Rochefort	30.38	45	L	0	b	30.26	— .12	45	43	+ 8	NN	3	o	1	54	32	—
Biarritz	30.32	47	N	4	c	30.26	— .12	44	41	+ 2	E	4	o	2	48	37	—
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	30.10	— .22	45	45	+ 2	SW	3	r	*	48	?	0.08
Charleville	30.32	42	S	1	o	30.19	— .12	41	39	+ 5	S	1	c	*	43	36	—
Paris	30.18	47	?	1	o	30.28	— .13	47	45	+ 5	N	1	b	*	*	*	—
Lyons	30.40	26	N	1	c	30.29	— .10	35	34	— 4	N	1	o	*	44	35	—
Toulon																	

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

Hawes Junction	28.78	43	NNE	1	c	28.98	+ .18	33	32	— 11	N	3	b	*	48	31	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	29.80	41	39	NNN	b	r	4	Valentia			
Sumburgh Head								Scilly			
Stornoway								Dover			
Aberdeen								London			*
Shields								Yarmouth			
Ardrossan								Jersey			
Mullaghmore								Rochefort	30.32	52	48
Holyhead									ENE	r	m
											2

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.
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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).
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DAILY WEATHER REPORT 9th NOVEMBER 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	29.35	16	NN	2	b	29.72	+ .46	10	10	- 5	NN	2	b	*	23	7	-		
Hernösand	29.72	21	2	0	b	29.81	+ .08	27	25	+ 8	N	2	bc	*	27	16	-		
Stockholm	29.81	22	N	4	b	29.85	+ .05	22	19	- 4	NNN	6	bc	*	36	21	-		
Wisby	29.66	35	NNN	4	s	29.86	+ .11	30	28	- 4	NN	6	bc	*	43	?	0.08		
Bodö	29.44	34	NE	2	b	29.71	+ .45	25	24	- 4	E	4	b	1	34	23	-		
Christiansund	29.92	30	NN	7	s	29.53	- .27	29	29	0	STN	4	b	5	32	16	0.08		
† Skudesnaes	30.14	29	2	0	s	29.98	+ .08	35	33	+ 3	SE	6	s	5	?	28	-		
Oxö (Christiansund)	30.06	30	NNN	4	b	30.09	+ .37	30	26	- 6	NN	2	e	1	37	27	-		
Skagen (The Skaw)	30.02	35	N	5	bc	30.09	+ .38	34	32	- 7	N	4	b	4	41	28	0.08		
Fanö	30.15	35	NN	4	b	30.21	+ .39	32	31	- 9	STN	1	e	*	43	30	-		
Cuxhaven	30.08	43	N	6	b	30.30	+ .42	36	36	- 10	NNN	2	s	*	?	34	0.03		
† Sumburgh Head	30.22	31	N	3	b	29.37	- .70	40	40	+ 12	STN	8	r	6	41	28	0.41		
† Stornoway	30.26	36	NNN	3	r	29.57	- .77	48	48	+ 16	NNN	9	rg	7	48	32	0.60		
Wick	30.36	34	NN	1	o	29.46	- .80	34	34	+ 2	NN	2	rw	2	34	30	0.09		
Nairn	30.33	34	NN	1	o	29.66	- .64	43	42	+ 8	N	4	e	2	43	33	0.06		
† Aberdeen	30.37	36	NN	3	o	29.74	- .52	41	39	+ 8	STN	7	o	4	41	33	-		
Loith	30.44	38	NN	1	e	29.91	- .38	42	39	+ 5	N	9	c	*	45	37	-		
† Shields	30.42	36	N	2	m	30.0	- .11	37	33	0	NNN	5	o	3	40	30	-		
Spurn Head	30.37	39	NNN	4	o	30.30	+ .14	35	32	- 5	NN	4	om	5	44	32	0.02		
York	30.42	34	NNN	1	b	30.29	+ .07	33	32	- 4	S	2	e	*	43	28	-		
Nottingham	30.45	34	N	2	b	30.35	+ .10	26	26	- 13	STN	3	b	*	43	24	-		
† Ardrossan	30.42	42	STN	2	o	29.98	- .36	46	45	+ 11	NNN	7	r	5	46	33	0.45		
† Mullaghmore	30.45	43	STN	4	o	30.16	- .18	47	45	+ .1	STN	6	ogg	6	49	42	0.03		
Donaghadee	30.48	37	NNN	4	b	30.17	- .15	40	39	- 3	NN	6	o	4	44	32	-		
Parsonstown	30.32	37	2	0	o	30.31	- .08	38	37	+ .4	STN	2	o	*	46	30	-		
Barrow-in-Furness	30.45	36	NE	3	b	30.25	+ .01	42	40	+ 4	STN	5	bc	4	48	31	-		
† Holyhead	30.45	42	E	4	b	30.29	.00	43	43	- 6	NNN	4	c	3	49	42	-		
Liverpool (Bidston)	30.45	36	NNE	2	b	30.29	+ .03	36	31	- 7	STN	2	o	1	43	31	-		
† Valentia	30.49	44	NNE	1	e	30.38	- .01	48	45	+ 2	NNN	3	o	4	57	37	-		
Roche's Point	30.47	42	NE	4	b	30.39	.00	38	35	- 4	N	2	c	3	49	35	-		
Pembroke	30.38	43	NNE	2	b	30.37	+ .13	38	37	- 8	NNN	2	e	2	50	36	-		
† Scilly	30.33	50	NE	5	c	30.41	+ .18	46	44	- 7	L	0	c	2	53	43	0.05		
Prawle Point	30.36	43	NNE	3	e	30.46	+ .21	37	36	- 14	NNE	2	b	3	53	35	0.05		
Hurst Castle	30.36	44	ENE	4	b	30.40	+ .19	32	31	- 14	ENE	2	bcn	1	51	31	-		
† Dover	30.34	43	NE	4	b	30.37	+ .23	36	35	- 9	N	3	bc	2	47	35	-		
† London	30.39	41	NNE	2	bc	30.38	+ .17	29	29	- 16	NNE	2	bcn	*	48	37	-		
Oxford	30.48	36	NN	1	b	30.43	+ .20	28	27	- 16	NN	1	bc	*	49	27	-		
Cambridge	30.45	35	N	1	b	30.36	+ .16	28	27	- 12	N	1	c	*	46	26	-		
† Yarmouth	30.34	42	NNN	3	bc	30.33	+ .21	33	32	- 8	NNN	3	bcn	3	47	31	0.03		
The Helder	30.30	43	N	2	bc	30.30	+ .31	36	35	- 12	SE	1	bc	1	48	36	0.04		
Cape Gris Nez																			
† Jersey	30.34	49	ENE	3	om	30.41	+ .18	44	42	- 9	ENE	4	cg	2	54	42	0.08		
Brest	30.19	52	N	3	r	30.36	+ .06	44	43	- 7	E	1	o	2	54	36	-		
Lorient	30.25	53	NN	3	o	30.32	+ .04	41	38	- 10	NE	5	b	1	54	39	-		
† Rochefort	30.18	51	NE	5	o	30.18	- .08	46	45	+ 1	NNE	5	o	2	54	39	-		
Biarritz	30.20	44	S	4	r	30.15	- .11	46	41	+ 2	E	3	r	4	48	41	0.12		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	30.35	+ .25	33	33	- 12	E	1	bc	*	50	32	0.04		
Charleville	30.26	40	NN	1	bc	30.21	+ .12	30	28	- 11	ESE	1	b	*	43	28	-		
Paris	30.28	48	?	1	bc	30.33	+ .05	37	35	- 10	N	3	b	*	*	*	0.04		
Lyons	30.23	37	N	1	r	30.15	- .14	41	40	+ 6	NNN	1	o	*	?	?	0.51		
Toulon	30.02	59	E	8	o	30.08	- .10	53	?	- 4	STN	5	m	5	61	50	0.08		

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

Hawes Junction	29.16	30	N	2	bcn		28.98	- .08	32	29	- 1	STN	4	o	*	35	23	-
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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 ...	30.04	32	29	NW	5	c	3	Valentia ...	30.44	50	44	NE	3	c	4
Sumburgh Head	30.22	31	28	N	5	s	4	Scilly ...	30.24	52	51	NE	5	o	4
Stornoway ...	30.25	38	25	N	2	o	1	Dover ...	30.23	47	43	NNE	4	b	2
Aberdeen ...	30.33	38	34	NNW	4	b	4	London ...	30.29	46	43	N	2	bc	*
Shields ...	30.33	40	35	N	4	b	4	Yarmouth ...	30.22	46	42	NNW	4	bcq	3
Ardrossan ...	30.41	47	38	NE	1	b	1	Jersey ...	30.27	50	50	ENE	3	omr	3
Mullaghmore ...	30.42	48	40	SE	5	bc	3	Rochefort ...	30.23	52	49	NE	4	o	1
Holyhead ...	30.39	45	45	SE	4	c	3								

The barometer has risen in all places since the morning and the wind remains N^{to} NE^s generally, but at Stornoway a N^{to} breeze has sprung up and pressure is probably now going way there. Weather fine in the E., cloudy elsewhere. Snow is falling 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 (haz.); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

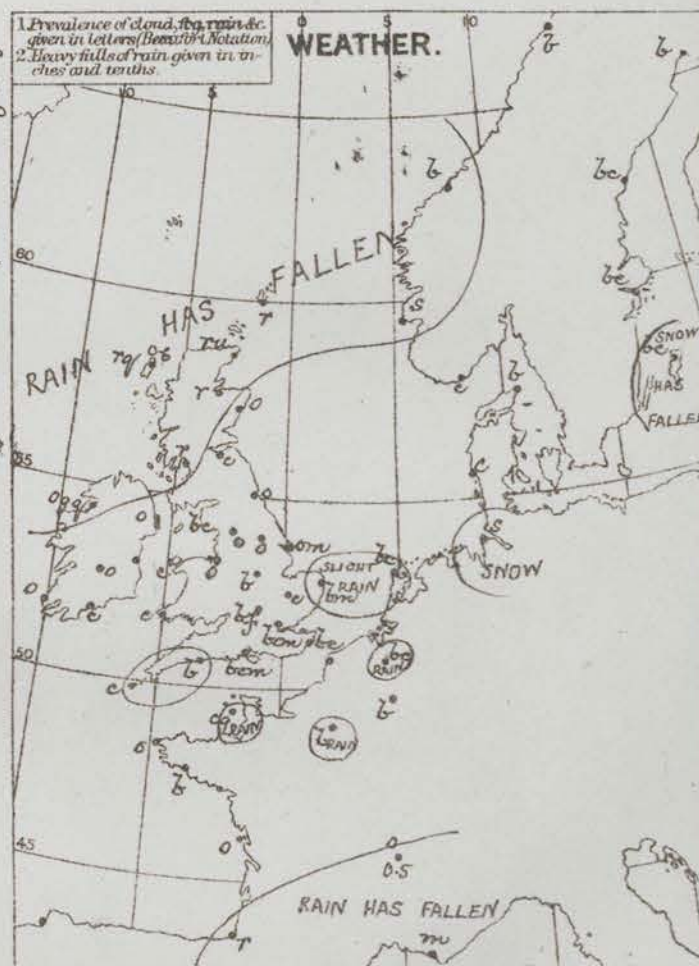
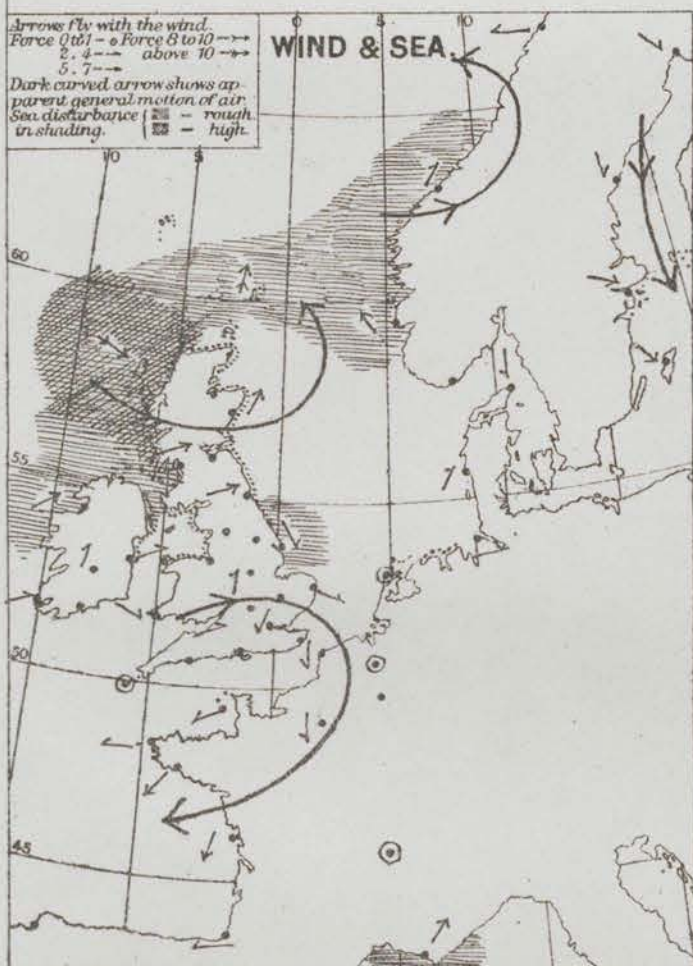
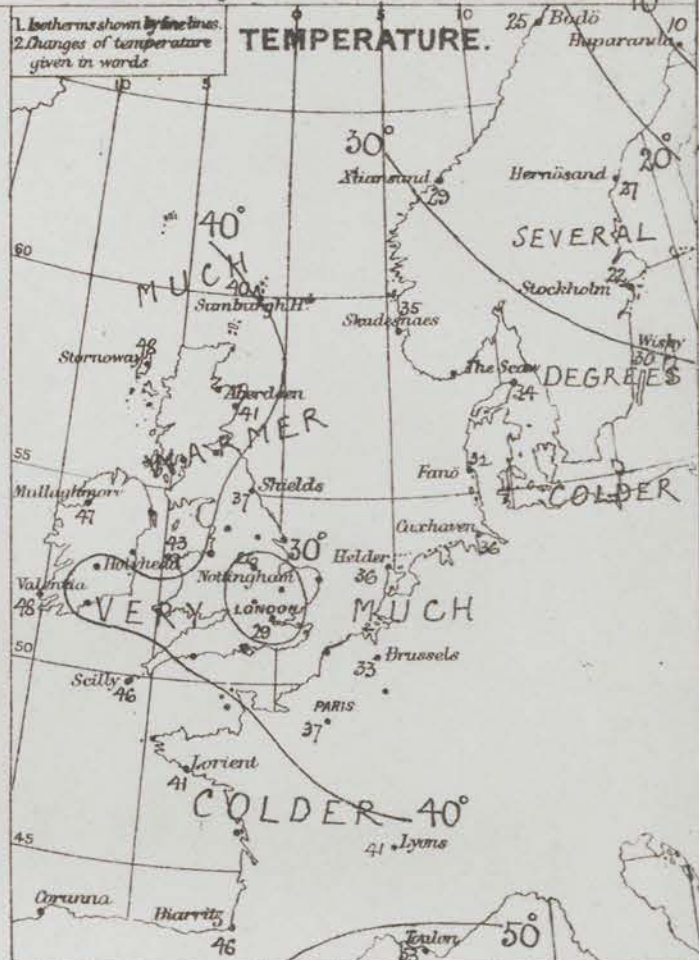
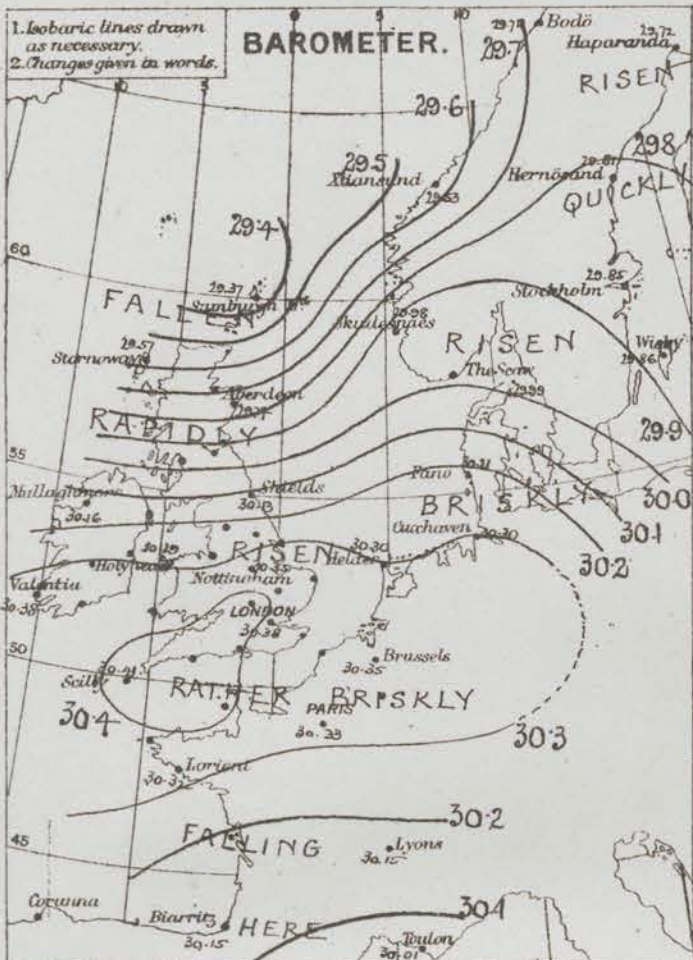
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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 9. Nov^r 1880.



REMARKS. During the past night a deep depression has advanced suddenly to our N^w coasts, and has occasioned a rapid fall of the barometer over Scotland, and a brisk fall in nearly all parts of these Islands. In the SW, over France, and to the E^o of the Strait of Dover the morning is rising, and the area of high pressure now extends over our own S^w districts, the N. of France, and the Netherlands, while over the N. of Spain another region of comparatively low pressure is shown. The wind is consequently W. to SW. all over the N^w half of our area, while N^w winds are reported in the SE. of England, and NE^w winds over the Channel and France. In the N. freshets, strong gales are blowing in a few places, and the wind is fresh generally, but in the S. moderate or light breezes are reported. The weather is fine in the SE. of England, the N. of France, and over the greater part of Scandinavia, but elsewhere the sky is cloudy or overcast, at Skudesnæs and Bergen snow is falling, and rain is reported from the W. and N. of Scotland. Rather heavy rain has fallen at Stornoway. Temperature has risen in the N. fallen in the S. the change being +16 at Stornoway and -16 at Oxford and in London. Readings range from 48° at Valencia and Stornoway to 16° at Nottingham. Sharp frost was experienced over central England last night. Snow is perhaps high in the NW. Hailings. The S. cone has been hoisted on our N. NW, and NE coasts.

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

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

DAILY WEATHER REPORT 10TH NOV^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	29.86	11	N	2	b		29.96	+ 24	12	12	+ 2	NE	2	s	*	12	7	0.12
Hernösand	29.86	12	SW	2	b		29.84	+ 03	3	2	- 24	Z	0	f	*	?	?	-
Stockholm	29.96	24	WSW	2	o		29.95	+ 10	20	20	- 2	E	2	b	*	28	19	-
Wisby	29.90	32	NW	4	b		29.87	+ 01	29	28	- 1	SE	2	o	*	36	25	-
† Bodö	29.74	22	E	2	b		29.86	- 16	31	28	+ 6	S	2	c	*	?	21	-
† Christiansund	29.69	25	ESE	3	o		29.74	+ 21	32	31	+ 3	S	4	c	3	?	21	-
† Skudesnaes	29.35	41	SE	8	o		29.69	- 29	37	34	+ 2	NNW	4	b	4	41	?	-
Oxö (Xiansund)	29.57	39	SSW	8	r		29.63	- 46	40	38	+ 10	E	6	o	4	?	?	0.75
† Skagen (The Skaw)	29.76	37	SSE	7	r		29.65	- 44	39	37	+ 5	SSE	7	o	6	39	30	0.24
† Fanö	29.69	39	SW	8	r		29.49	- 72	41	41	+ 9	NNW	2	c	*	43	32	0.55
Cuxhaven	30.08	40	SW	3	r		29.86	- 74	43	43	+ 7	SW	4	o	*	?	32	0.17
† Sumburgh Head	29.24	44	NNW	5	r		29.87	+ 50	38	34	- 2	N	3	b	4	47	26	0.29
† Stornoway	29.61	46	NW	8	b		29.96	+ 39	43	40	- 5	SW	1	c	1	50	40	0.03
Wick	29.24	46	NW	8	o		29.96	+ 30	36	35	+ 2	NNW	1	c	2	46	34	0.20
Nairn	29.51	46	NNW	4	b		29.95	+ 29	40	38	- 3	W	2	c	1	49	40	0.12
† Aberdeen	29.44	45	NNW	7	b		29.96	+ 22	41	39	0	NW	1	b	3	51	41	0.10
Leith	29.62	48	NW	6	c		30.00	+ 08	42	40	0	NW	1	b	*	52	38	0.03
† Shields	29.65	49	WSW	6	b		29.97	- 16	40	38	+ 3	NNW	2	c	3	50	36	0.01
Spurn Head	29.80	43	SW	7	c		29.95	- 35	44	42	+ 9	NNW	6	o	5	49	34	-
York	29.83	45	SW	5	m		29.99	- 30	41	38	+ 8	W	1	c	*	50	33	0.01
Nottingham	29.98	44	S	4	r		30.05	- 30	41	40	+ 15	NW	1	b	*	48	26	0.07
† Ardrossan	29.75	50	NW	6	c		30.01	+ 03	40	39	- 6	ENE	1	b	1	53	38	0.12
† Mullaghmore	29.97	51	W	8	ogp		30.03	- 13	45	44	- 2	SE	1	o	2	52	44	0.05
Donaghadee	29.85	50	WSW	6	r		30.05	- 12	42	42	+ 2	WSW	5	c	3	51	39	0.06
Parsonstown	29.89	49	W	5	o		30.09	- 22	48	48	+ 10	Z	0	d	*	51	37	0.01
Barrow-in-Furness	29.85	49	SW	8	r		30.02	- 23	42	40	- 1	NW	2	b	5	50	41	0.11
† Holyhead	29.99	50	WSW	7	ogp		30.07	- 22	49	49	+ 6	NW	3	c	3	?	43	0.02
Liverpool (Midston)	29.89	48	WSW	3	o		30.04	- 25	46	44	+ 10	W	2	b	2	49	36	-
† Valentia	30.21	50	WSW	4	og		30.10	- 28	52	51	+ 4	SSW	3	o	3	53	47	-
Roche's Point	30.17	48	WSW	4	c		30.13	- 26	50	48	+ 12	W	2	c	3	52	38	-
Pembroke	30.11	50	WSW	6	o		30.08	- 29	51	50	+ 13	NNW	4	o	4	52	35	0.02
† Scilly	30.27	50	NNW	5	o		30.19	- 22	51	50	+ 5	WSW	4	og	4	52	45	0.03
Prawle Point	30.23	44	NNW	4	b		30.15	- 27	50	50	+ 13	W	3	m	3	50	35	-
Hurst Castle	30.19	46	W	4	c		30.10	- 30	49	48	+ 17	WSW	3	b	2	49	32	-
† Dover	30.16	41	WSW	3	b		30.02	- 35	45	43	+ 9	NW	2	b	1	46	36	-
† London	30.11	40	WSW	3	o		30.09	- 29	44	42	+ 15	NNW	1	b	*	48	29	-
Oxford	30.05	44	W	2	o		30.09	- 34	44	42	+ 16	W	1	c	*	47	28	0.01
Cambridge	30.02	42	SW	3	o		30.03	- 33	43	41	+ 15	NW	1	o	*	48	27	-
† Yarmouth	29.99	38	SW	4	c		29.93	- 40	44	42	+ 11	NNW	4	om	4	44	31	0.02
The Helder																		
Cape Gris Nez	30.15	45	SW	5	o		30.04		30	30		NNW	5	c	4	?	39	0.08
† Jersey	30.28	45	WSW	2	c		30.19	- 22	3	30	+ 7	W	3	ogp	3	51	43	0.02
Brest	30.30	50	NW	1	b		30.27	- 09	49	48	+ 5	NNW	3	o	3	54	43	-
Lorient	30.06	46	ENE	4	b		30.24	- 08	49	45	+ 8	SSW	3	o	1	54	39	-
† Rochefort	30.21	46	NE	5	b		30.26	+ 08	36	35	- 10	E	3	b	2	54	32	-
Biarritz																		
Corunna	*	*	*	*	*				*							*	*	*
Brussels	*	*	*	*	*		29.95	- 40	44	43	+ 11	SW	4	o	*	?	?	0.04
Charleville							30.04	- 27	36	33	+ 6	SE	1	o	*	43	26	0.12
Paris	30.17	36	NW	4	b		30.15	- 18	45	41	+ 8	S	3	b	*	*	*	-
Lyons	30.25	41	?	4	b		30.15	- 18	45	41	+ 8	S	3	b	*	*	*	-
† Toulon	30.17	44	NW	1	o		30.24	+ 09	43	42	+ 2	NNW	1	o	*	45	41	0.24

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

Hawes Junction	29.54	45	WSW	9	fu	?	?	?	37	36	+ 5	?	2	b	*	46	31	0.88
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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	40	39	SSE	9	rs	7	Valentia ...	30.30	50	49	W	4	o	3
Sumburgh Head	29.22	44	42	WN	5	o	6	Scilly ...	30.35	51	49	W	3	c	2
Stornoway ...	29.55	48	45	WN	7	og	7	Dover ...	30.29	45	42	WSN	2	b	2
Aberdeen ...	29.53	46	44	WN	4	bp	4	London ...	30.23	41	39	WSN	2	cm	*
Shields ...	29.90	48	41	WSN	7	o	3	Yarmouth ...	30.22	39	36	WSN	3	bcn	3
Ardrossan ...	29.78	50	49	WSN	6	r	5	Jersey ...	30.36	46	43	SW	1	b	1
Mullaghmore ...	30.04	51	50	WSN	8	ogmp	6	Rochefort ...	30.20	51	47	NE	4	b	2
Holyhead ...	30.11	47	47	SW	6	o	4								

The depression noticed over the N. of Scotland this morning is moving away NE., and though the mercury will fall everywhere the wind in the N. and NW. has veered and fallen lighter. The weather is cloudy and unsettled except 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 (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.

DAILY WEATHER REPORT 11th NOVEMBER. 1880.

STATIONS.	† YESTERDAY EVENING.						3 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																	
Hernösand	29.76	19	N	0	c	29.70	+ 14	23	23	+ 20	SW	2	b	*	25	0	0.08
Stockholm	29.91	30	WSW	2	o	29.85	— 10	32	32	+ 12	WSW	4	o	*	32	16	—
Wisby	29.84	31	NN	4	b	29.91	+ 14	37	33	+ 8	N	4	b	*	?	19	0.08
Bodo	29.38	26	E	2	c	29.30	— 06	32	28	— 1	NN	2	c	*	?	25	—
Christiansund	29.66	36	N	7	s	29.77	+ 103	34	33	+ 2	SW	4	o	5	26	25	0.24
† Skudesnaes	29.93	35	E	1	b	29.84	+ 15	43	41	+ 6	SSE	6	o	4	?	?	—
Oxö (Xiansund)	29.91	35	NN	2	b	29.94	+ 31	36	35	— 4	Z	0	o	1	41	34	—
Skagen (The Skaw)	29.94	35	N	2	b	29.97	+ 32	36	35	— 3	WSW	2	c	1	39	30	0.04
Fanö	30.03	34	NN	2	b	30.05	+ 56	37	37	— 4	SSW	4	c	*	46	32	—
Cuxhaven	29.91	44	N	5	b	30.12	+ 56	38	38	— 5	SSW	1	b	*	?	26	0.03
† Sumburgh Head	29.85	44	WSW	4	o	29.66	— 21	43	40	+ 5	Z	0	m	2	46	36	—
† Stornoway	29.82	47	SW	4	o	29.65	— 31	48	48	+ 5	N	5	c	4	48	43	0.16
Wick	29.94	42	NN	1	c	29.65	— 31	47	46	+ 11	SSW	1	om	2	48	34	0.05
Nairn	29.91	37	Z	0	b	29.66	— 29	48	45	+ 8	N	1	o	1	48	37	0.12
† Aberdeen	29.94	41	SW	1	b	29.70	— 26	45	44	+ 4	SSW	1	om	2	49	38	0.15
Leith	29.99	45	N	1	b	29.79	— 21	51	49	+ 9	N	6	b	*	53	40	0.08
† Shields	30.05	44	N	0	f	29.86	— 11	48	47	+ 8	SW	1	om	2	54	39	0.05
Spurn Head	30.10	43	WSW	2	c	29.97	+ 12	46	46	+ 2	SSW	4	t	4	47	42	0.02
York	30.09	45	SSW	1	c	29.94	— 25	48	47	+ 7	S	1	o	*	49	39	0.09
Nottingham	30.13	43	S	2	b	30.02	— 13	49	48	+ 8	SSW	3	o	*	51	39	0.04
† Ardrossan	29.96	48	S	2	o	29.84	— 17	52	51	+ 12	N	3	o	2	52	38	0.18
† Mullaghmore	29.76	52	SW	6	o	29.89	— 14	50	50	+ 5	SW	5	og	4	52	44	0.18
Donaghadee	29.96	48	SSW	4	t	29.90	— 15	50	50	+ 8	SW	4	o	2	52	41	0.06
Parsonstown	29.98	50	Z	0	t	30.00	— 09	50	49	+ 2	SW	1	o	*	52	47	0.19
Barrow-in-Furness	30.09	47	SW	3	o	29.93	— 09	51	50	+ 9	SW	3	o	4	56	42	0.22
† Holyhead	30.04	51	SSW	2	t	29.97	— 10	50	50	+ 1	N	2	cg	1	52	47	0.15
Liverpool (Bidston)	30.07	46	S	1	o	29.97	— 07	50	50	+ 4	N	2	t	1	51	46	0.15
† Valentia	30.00	54	WSW	4	og	30.03	— 07	53	53	+ 1	WSW	3	og	3	55	50	0.30
Roche's Point	30.02	50	WSW	5	t	30.05	— 08	50	48	0	N	3	c	4	54	49	0.25
Pembroke	30.09	51	N	2	t	30.00	— 08	52	52	+ 1	WSW	4	o	3	52	49	0.18
† Scilly	30.17	52	SW	4	o	30.10	— 09	54	54	+ 3	WSW	5	om	4	54	50	0.14
Prawle Point	30.18	51	WSW	3	o	30.13	— 02	51	51	+ 1	SSW	4	t	4	55	48	0.06
Hurst Castle	30.15	49	SE	2	b	30.12	+ 12	51	51	+ 2	WSW	4	t	2	54	49	0.05
Dover	30.16	43	NN	1	b	30.13	+ 11	48	47	+ 3	N	3	bog	1	50	37	0.03
London	30.15	42	N	1	c	30.09	+ 14	49	48	+ 5	WSW	2	om	*	52	37	—
Oxford	30.18	45	Z	0	o	30.10	+ 11	49	48	+ 5	SW	2	odf	*	51	43	0.10
Cambridge	30.15	39	NN	1	c	30.05	+ 12	47	46	+ 4	SW	1	t	*	51	36	0.06
† Yarmouth	30.12	43	WSW	2	b	30.05	+ 12	45	45	+ 1	SSW	2	bog	3	47	38	—
The Helder	30.08	47	NN	1	o	30.10	+ 37	47	44	— 1	SW	1	o	1	50	45	—
Cape Gris Nez	30.17	46	NN	3	b	30.17	+ 17	50	49	0	SW	4	o	2	52	46	—
† Jersey	30.23	51	N	3	o	30.22	— 03	51	48	0	SW	3	o	3	53	48	0.14
Brest	30.28	50	N	3	o	30.20	— 07	52	53	+ 5	N	4	o	3	?	45	—
Lorient	30.23	51	NN	3	o	30.21	— 03	47	46	— 2	E	3	c	1	54	45	—
† Rochefort	30.18	48	S	2	o	30.27	+ 11	43	42	+ 7	SE	3	c	1	50	32	—
Biarritz	30.28	46	E	1	b	30.18		42	39		SE	1	b	3	54	39	0.35
Corunna	*	*	*	*	*			*						*	*	*	
Brussels	*	*	*	*	*	30.20	+ 25	40	38	— 4	SW	3	o	*	50	39	—
Charleville	30.19	38	ESE	1	b	?	?	39	37	+ 3	WSW	3	f	*	46	34	—
Paris	30.23	48	?	1	b	30.26	+ 12	46	45	+ 1	NE	1	o	*	*	*	—
Lyons														*			
Toulon																	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.80	40	NE	2	o	28.66	?	47	47	+ 10	N	5	om	*	47	35	0.15

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

Hawes Junction	29.80	40	NE	2	o	29.66	?	47	47	+ 10	N	5	om	*	47	35	0.15
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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 ...	29.86	39	36	NNN	2	c	3	Valentia ...	30.06	53	52	SSW	5	ogm	5
Sumburgh Head ...	29.89	44	43	WSW	3	c	3	Scilly ...	30.18	52	51	N	4	of	4
Stornoway ...	29.91	48	44	SW	3	o	2	Dover ...	30.10	48	44	N	3	b	2
Aberdeen ...	29.99	45	42	NN	1	b	3	London ...	30.11	50	46	N	1	b	
Shields ...	30.05	47	42	NNN	2	b	3	Yarmouth ...	30.03	47	44	NN	4	om	3
Ardrossan ...	30.01	49	47	Z	o	c	0	Jersey ...	30.21	51	51	NNN	3	ofm	3
Mullaghmore ...	29.97	52	50	S	2	og	2	Rochefort ...	30.29	48	43	N	2	o	2
Holyhead ...	30.08	50	50	N	3	c	2								

Pressure is increasing slowly in the E., decreasing in the SW, W. and N. The wind is SW to N generally with cloudy weather, but draws into NW in the East of England with fine 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 (base); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

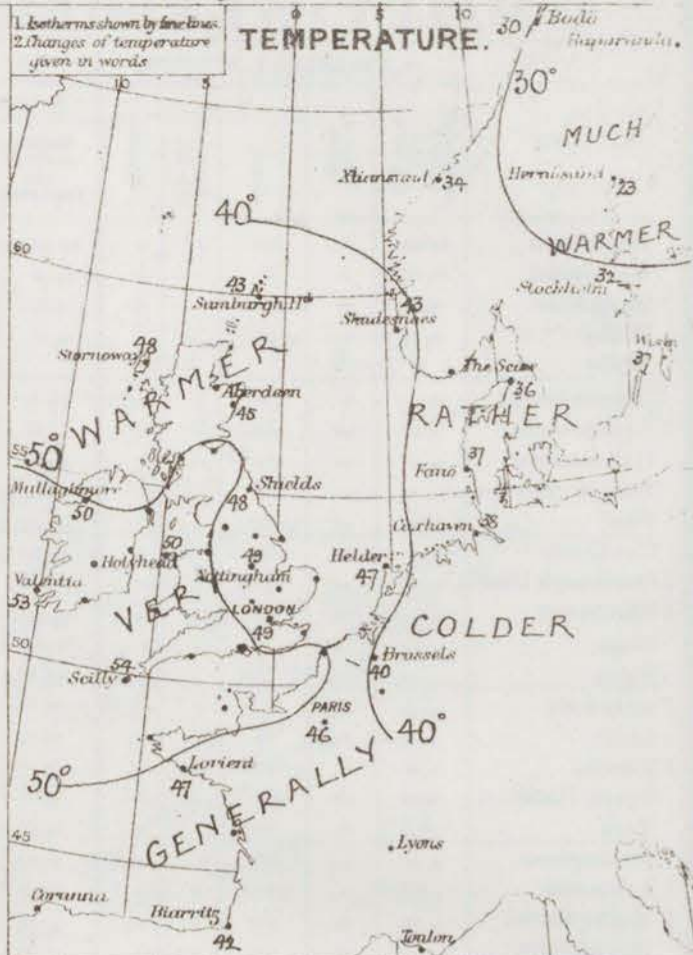
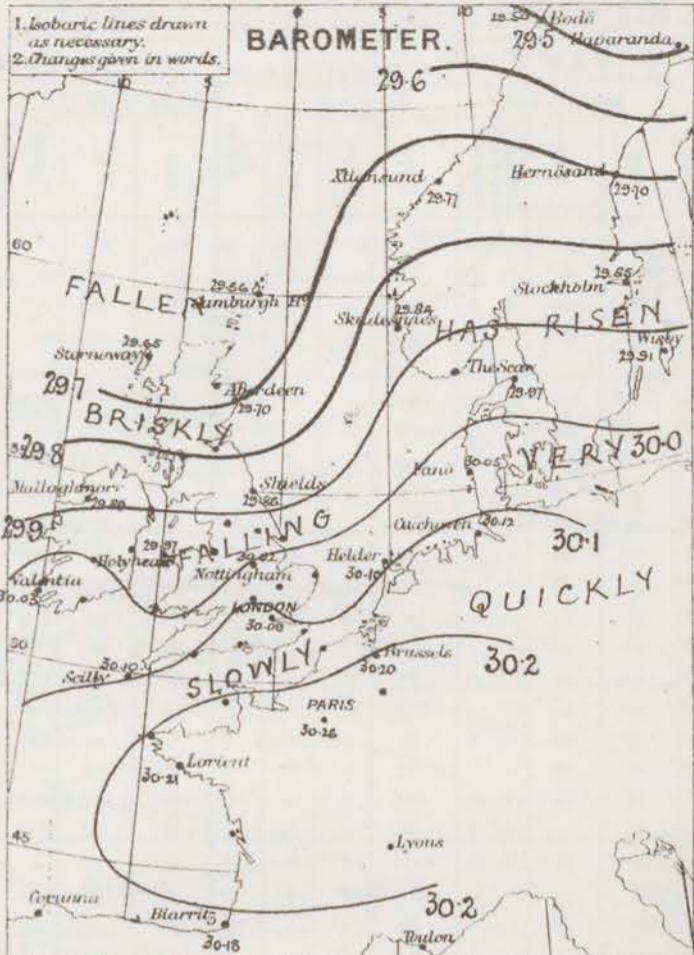
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiansia 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 11th Nov^r 1880.



REMARKS. The barometer is at present rising on the E^r shores of the North Sea, and in the NE of France, but is falling over the W. of France, the whole of these Islands and in Sweden. A large area of comparatively high pressure lies over France, while considerable depressions are shown to the W^o of Scotland and in the N. of Scandinavia. At the same time very small and shallow depressions are passing slowly from W. to E. across the S. of these Islands. In consequence, while E. winds prevail over the Bay of Biscay, breezes between W. and S. are reported from nearly all other parts of W^o Europe. At Scilly, Mullaghmore, Lark and Stornoway the wind blows fresh, but elsewhere it is light or moderate in force. The weather is fine on the extreme SE. coast of England, and locally in a few other places, but the sky generally is cloudy or overcast with rain at many stations in the S. and E. of England. Rain has fallen during the past 24 hours in nearly all places. Temperature has decreased over Denmark and N. Germany, risen elsewhere. Readings at present range from 34 at Scilly to 43 in the Netherlands, and the maxima yesterday were 50 or above except at Garmouth, and in N. Scotland. The sea is moderate to smooth.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

12TH NOVEMBER.

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	29.68	12	NW	2	o	29.78	+ .28	1	1	- .20	2	o	bc	*	2.1	0	—		
Hernösand	29.85	18	2	o	b	29.73	+ .03	16	16	- .7	2	o	o	*	32	16	—		
Stockholm	29.95	26	WSW	2	b	29.82	- .03	35	34	+ .3	SSW	2	o	*	36	25	—		
Wisby	29.93	39	W	6	o	29.87	- .04	39	38	+ .2	WSW	4	bc	*	41	25	—		
Bodo																			
Christiansund	29.63	37	SE	3	o	29.55	- .42	42	41	+ .8	W	7	f	5	43	25	0.16		
Skudesnaes	29.60	46	SE	8	f	29.53	- .31	45	45	+ .2	NNW	2	f	3	46	23	—		
Oxö (Xiänsund)	29.77	45	SSE	4	f	29.61	- .23	45	45	+ .9	SSW	4	f	2	45	?	0.08		
Skagen (The Skaw)	29.87	41	SW	4	o	29.69	- .28	45	45	+ .9	SW	3	f	2	46	32	0.08		
Fanö	29.88	45	S	4	f	29.80	- .25	46	46	+ .9	SW	4	m	*	46	37	0.12		
Cuxhaven	30.08	45	SSW	1	o	29.95	- .17	47	47	- .9	SW	3	f	*	?	36	0.28		
Sumburgh Head	29.55	48	WSW	2	f	29.44	- .22	47	45	+ .4	WSW	4	c	4	49	41	0.06		
Stornoway	29.65	48	W	4	c	29.52	- .13	47	47	- .1	W	4	bc	4	54	42	0.15		
Wick	29.64	48	W	2	o	29.59	- .06	46	45	- .1	SW	2	o	2	52	38	0.06		
Nairn	29.65	49	2	o	f	29.57	- .08	45	45	- .6	SW	1	o	1	53	39	0.23		
Aberdeen	29.70	49	SSW	1	c	29.63	- .07	44	42	- .1	SSW	1	c	1	56	42	0.08		
Leith	29.79	52	W	1	o	29.71	- .08	45	46	- .3	W	1	bc	*	55	41	—		
Shields	29.86	53	WSW	2	c	29.77	- .09	47	46	- .1	W	2	o	2	54	46	—		
Spurn Head	29.95	48	WSW	3	c	29.84	- .13	48	46	+ .2	SW	4	o	3	51	46	0.02		
York	29.98	51	W	1	o	29.83	- .11	51	49	+ .3	W	4	bc	*	55	46	—		
Nottingham	30.00	49	S	2	c	29.92	- .10	51	50	+ .2	WSW	3	o	*	54	47	—		
Ardrossan	29.76	52	WSW	3	o	29.73	- .11	50	49	- .2	SW	3	f	2	52	48	0.21		
Mullaghmore	29.80	52	SW	5	f	29.80	- .09	50	50	o	SW	5	og	5	55	49	0.23		
Donaghadee	29.85	53	SW	4	o	29.82	- .08	47	46	- .3	SW	3	c	1	55	44	0.03		
Parsonstown	29.92	54	SW	3	o	29.93	- .07	50	49	o	WSW	4	o	*	56	48	0.04		
Barrow-in-Furness	29.95	50	SW	3	o	29.84	- .09	49	48	- .2	WSW	4	o	4	53	48	0.06		
Holyhead	29.95	52	SSW	3	m	29.91	- .06	50	50	o	SSW	3	c	2	53	49	0.08		
Liverpool (Bidston)	29.97	50	SW	1	o	29.89	- .08	48	46	- .2	WSW	3	bc	2	53	47	0.05		
Valentia	29.97	55	SW	3	f	29.99	- .04	52	50	- .1	WSW	2	c	3	57	50	0.11		
Roche's Point	30.02	58	W	4	c	30.00	- .05	50	48	o	W	3	c	3	56	48	—		
Pembroke	30.01	57	WSW	4	o	29.97	- .03	52	51	o	W	4	o	3	53	51	0.10		
Scilly	30.11	53	W	4	o	30.09	- .01	55	55	+ .1	WSW	6	tm	4	55	52	0.13		
Prawle Point	30.10	53	SW	4	o	30.07	- .06	53	53	+ .2	SW	4	f	4	54	48	0.16		
Hurst Castle	30.07	52	NNW	3	o	30.04	- .08	52	52	+ .1	W	5	f	3	52	48	0.12		
Dover	30.09	50	W	4	od	30.03	- .10	50	49	+ .2	W	3	bc	3	52	48	0.17		
London	30.06	52	W	1	om	29.98	- .11	50	50	+ .1	SW	3	o	*	54	48	0.10		
Oxford	30.04	50	WSW	2	o	29.96	- .14	51	50	+ .2	SW	3	od	*	53	47	0.02		
Cambridge	30.03	51	SW	1	o	29.94	- .11	49	49	+ .2	SW	1	o	*	54	45	0.03		
Yarmouth	30.01	50	WSW	2	cm	29.93	- .12	49	48	+ .4	SW	3	md	3	50	44	0.02		
The Helder	30.01	49	SW	2	f	29.92	- .18	50	49	+ .3	SW	1	o	?	50	46	0.04		
Cape Gris Nez	30.13	50	SW	7	f	30.08	- .09	51	50	+ .1	WSW	4	c	2	54	48	0.20		
Jersey	30.19	52	SW	4	om	30.18	- .04	53	52	+ .2	WSW	4	cu	4	53	50	0.06		
Brest	30.20	55	W	5	o	30.23	+ .03	54	53	o	NNW	5	o	3	?	52	0.04		
Lorient	30.32	53	WSW	3	o	30.24	+ .03	54	52	+ .7	W	4	c	2	54	46	—		
Rochefort	30.28	48	W	3	o	30.29	+ .02	46	45	+ .3	S	4	o	2	55	39	—		
Biarritz	30.28	50	N	4	bc	30.34	+ .16	48	43	+ .6	SE	4	c	2	52	37	—		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.08	- .12	46	46	+ .6	SW	3	f	*	48	?	0.12		
Charleville	29.99	45	SSW	1	o	30.17	- .?	43	41	+ .4	S	4	o	*	44	38	0.32		
Paris	30.23	50	?	3	o	30.22	- .04	48	47	+ .2	SSW	3	o	*	*	*	0.04		
Lyons	30.28	39	NE	1	o	30.30	100	41	40	+ .2	NNW	1	o	*	?	?	—		
Toulon	30.17	44	NE	4	b	30.11	- .04	53	52	- .6	2	o	c	2	?	50	—		

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

Hawes Junction	28.68	47	WSW	3	o	28.58	- .08	43	43	- .4	WSW	4	o	*	47	43	0.22			
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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 ...	29.78	42	41	SE	8	f	5	Valentia ...	30.02	56	55	SW	4	o	4
Sumburgh Head	29.60	46	45	WSW	1	o	2	Scilly ...	30.10	55	55	WSW	4	f	4
Stornoway ...	29.64	53	52	WSW	6	c	5	Dover ...	30.11	50	49	W	3	cp	1
Aberdeen ...	29.71	51	49	SW	2	bc	2	London ...	30.05	53	52	SW	2	tm	*
Shields ...	29.84	53	50	W	3	bc	4	Yarmouth ...	30.03	50	49	WSW	3	dm	2
Ardrossan ...	29.84	52	51	WSW	3	o	2	Jersey ...	30.21	51	50	SW	5	omr	4
Mullaghmore ...	29.88	54	53	SW	5	og	4	Rochefort ...	30.27	51	46	NW	4	o	1
Holyhead ...	29.99	53	52	W	3	og	1								

Pressure is scarcely changing, and the weather remains dull & damp generally with mild SW and W 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 (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.

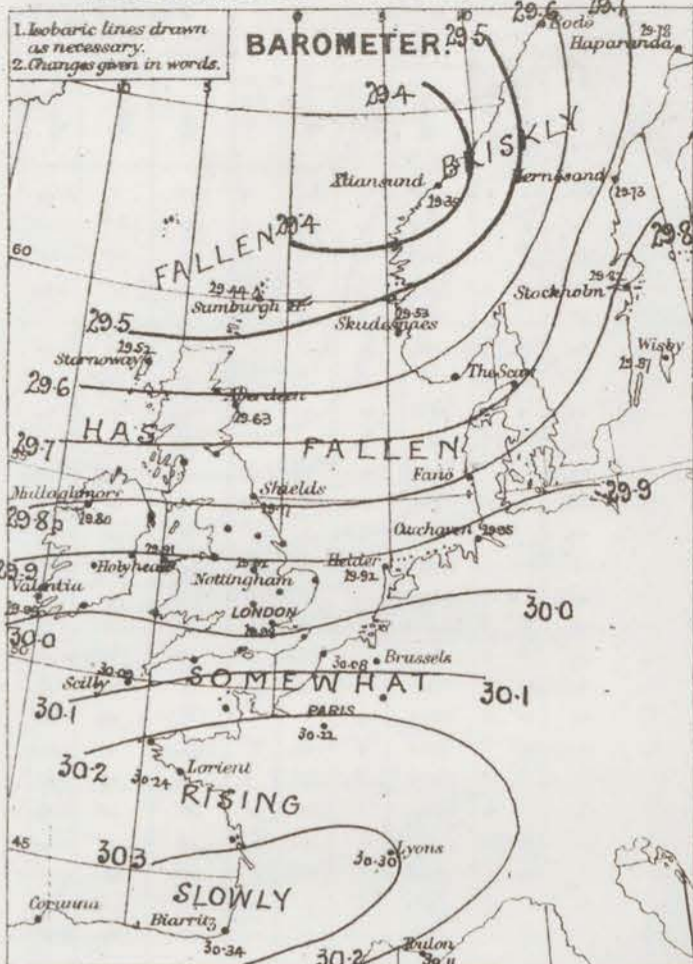
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 12th Nov^r 1880.

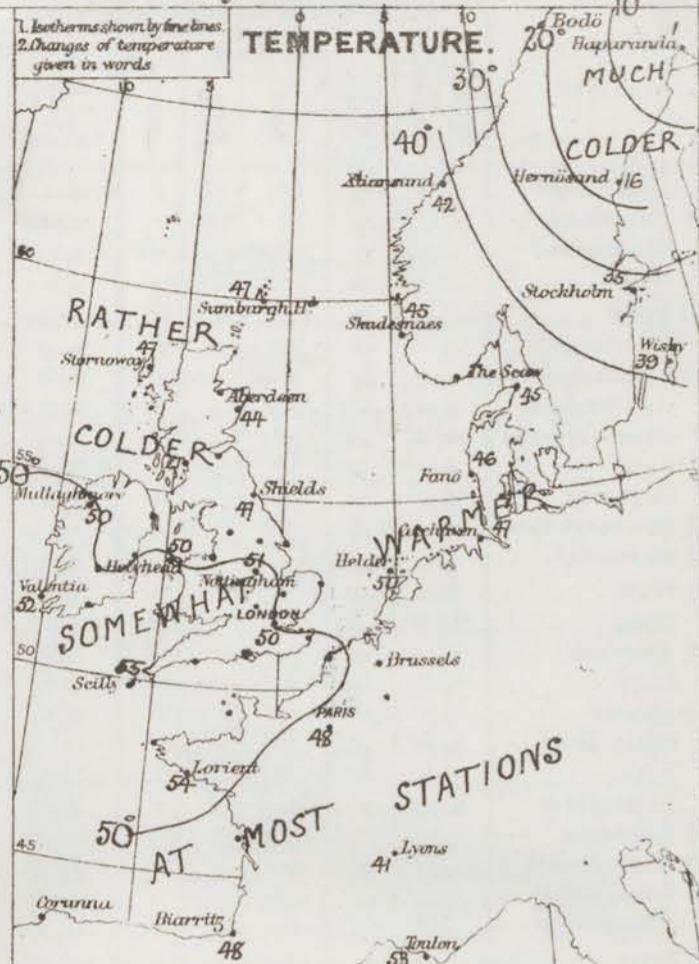
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



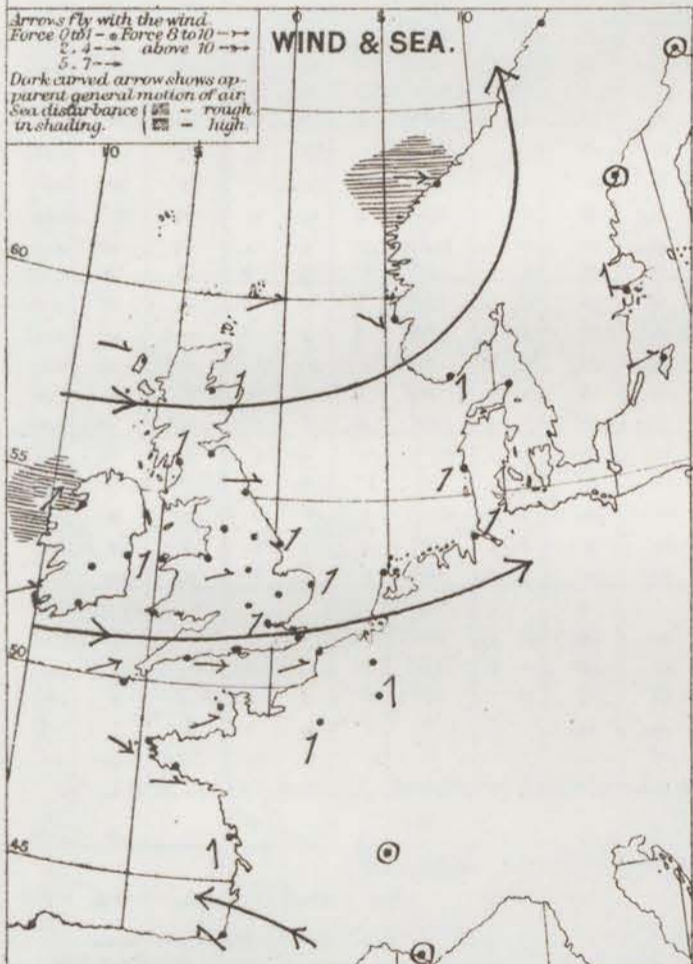
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



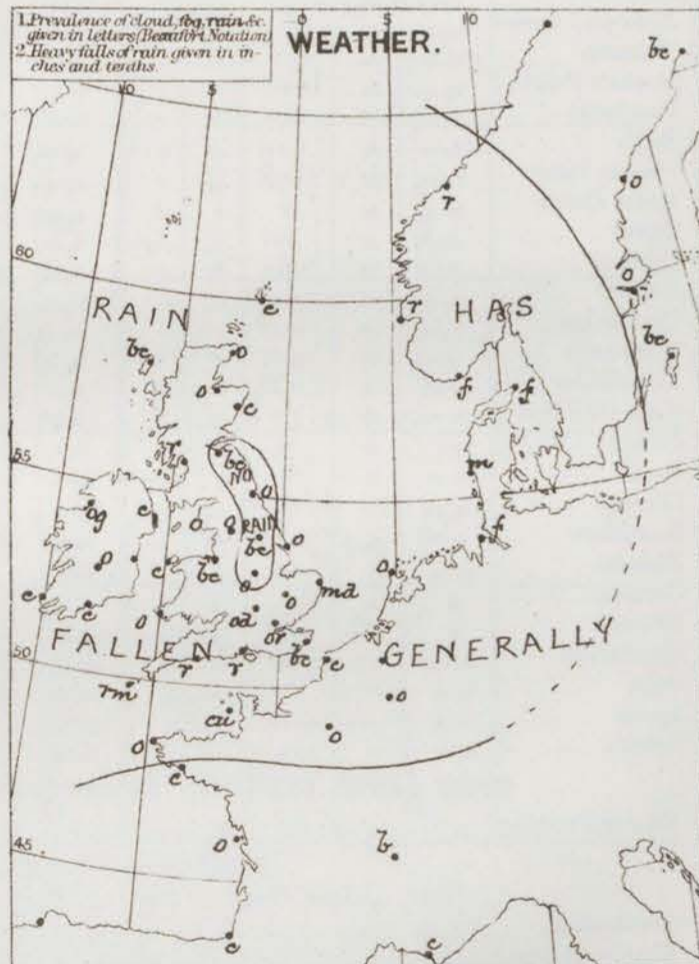
Arrows fly with the wind.
Force 0 to 1 - Force 8 to 10 -
2 - 4 - above 10 -
5 - 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance (shading) - rough in shading.

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. There is no great change in the general distribution of pressure over these islands and their neighbourhoods; an area of high pressure lies over the S. of France, while a large area of low readings is shown off the W. coast of Norway. The barometer is rising in the W. of France, falling elsewhere, but the change is nowhere great. The wind is SW or W over the whole of W. Europe, and though blowing freshly over the W. half of the Channel, at Mullaghmore and Christiansund is light or moderate generally. The weather remains cloudy or dull in nearly all places, with rain over the S. of England, the W. of Norway and Sweden, while fog is reported from Denmark and the Skagerrak. Rain has fallen at all but a few of our NE stations. Temperature has fallen a few degrees at our N. stations, and in the N. of Scandinavia, but elsewhere the thermometer has risen somewhat. Readings range at present from 54° at Scilly to 42° at Rinn, and the maximum yesterday were between 50° and 57° except in the Shetlands. Sea is rough at Mullaghmore and Christiansund, slight elsewhere.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 13th NOVEMBER. 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	29.34	24	SE	4	S	29.04	-.74	28	28	+ 27	SW	2	bc	*	28	1	0.16		
Hernösand	29.37	34	Z	0	0	29.26	-.47	24	24	+ 8	SW	2	c	*	36	7	0.28		
Stockholm	29.48	41	WSW	4	T	29.39	-.43	40	38	+ 5	WSW	2	0	*	41	25	0.08		
Wisby	29.66	44	SW	4	T	29.50	-.37	43	42	+ 4	W	2	0	*	45	30	0.24		
Bodo	28.97	32	ENE	6	T	28.84	-.24	38	35		SW	6	0	5	?	27	—		
Christiansund	29.23	43	SW	6	C	29.10	-.25	41	41	- 1	W	5	r	4	43	34	0.51		
† Skudesnaes	29.47	47	SW	6	C	29.28	-.25	47	46	+ 2	S	6	r	5	48	45	—		
(Oxö (Xiansund)	29.36	45	WSW	4	bc	29.39	-.22	46	41	+ 1	SSW	4	0	2	46	43	0.12		
Skagen (The Skaw)	29.56	44	SE	4	bc	29.45	-.24	44	44	- 1	WSW	3	c	1	46	39	0.08		
Fanö	29.68	46	W	4	0	29.53	-.27	46	46	0	WSW	4	m	*	46	45	0.04		
Cuxhaven	29.52	50	SW	4	T	29.74	-.21	49	49	+ 2	SW	3	r	*	?	45	0.17		
† Sumburgh Head	29.40	46	W	4	bc	29.05	-.39	46	44	- 2	SW	3	0	4	30	43	0.49		
† Stornoway	29.51	48	WNW	4	C	29.11	-.41	46	46	- 1	NNW	1	C	1	50	44	0.18		
Wick	29.30	45	W	2	0	29.06	-.53	46	46	0	WSW	2	0	2	50	39	0.11		
Nairn	29.58	46	SW	1	bc	29.07	-.51	45	44	+ 3	Z	0	0	1	50	?	0.13		
† Aberdeen	29.61	46	WSW	1	bc	29.06	-.57	49	49	+ 5	SW	1	cm	1	53	40	0.43		
Leith	29.68	49	SW	1	C	29.14	-.57	56	54	+ 8	W	7	r	*	57	42	0.13		
† Shields	29.75	51	W	3	0	29.28	-.49	57	54	+ 10	WSW	4	0	2	57	46	0.05		
Spurn Head	29.85	48	SW	3	C	29.50	-.34	53	52	+ 5	WSW	6	bc	5	54	45	0.12		
York	29.84	51	W	3	0	29.45	-.38	56	53	+ 5	WSW	6	0	*	56	48	0.10		
Nottingham	29.93	51	SSW	3	0	29.60	-.32	53	53	+ 4	SW	5	0	*	56	48	0.16		
† Ardrossan	29.72	51	WSW	3	0	29.25	-.48	54	53	+ 4	W	3	r	2	54	49	0.49		
† Mullaghmore	29.75	49	WSW	3	T	29.36	-.44	55	54	+ 5	WSW	8	cm	6	55	48	1.15		
Donaghadee	29.79	50	NNW	3	T	29.34	-.48	57	55	+ 10	WSW	8	0	6	57	46	0.32		
Parsonstown	29.73	53	SW	4	0	29.56	-.37	56	55	+ 6	SSW	7	0	*	56	49	0.45		
Barrow-in-Furness	29.83	51	SW	4	0	29.43	-.41	53	52	+ 4	SW	10	0	7	53	48	0.42		
† Holyhead	29.87	52	WSW	4	T	29.56	-.35	54	54	+ 4	SSW	6	mg	5	54	50	0.41		
Liverpool (Bidston)	29.87	50	WSW	3	bc	29.82	-.37	56	53	+ 8	SW	6	0	4	56	48	0.43		
† Valentia	29.86	54	SSW	6	T	29.65	-.34	57	56	+ 5	SW	8	cm	7	58	51	0.22		
Roche's Point	29.91	54	WSW	4	T	29.69	-.31	55	55	+ 5	WSW	6	cm	5	56	50	0.35		
Pembroke	29.97	53	WSW	6	0	29.78	-.27	54	54	+ 2	WSW	8	0	6	54	52	0.02		
† Scilly	30.10	54	WSW	6	0	29.93	-.16	55	55	0	SW	7	0	6	55	53	0.03		
Prawle Point	30.09	53	WSW	4	T	29.91	-.18	53	53	0	SW	6	m	5	55	50	0.11		
Hurst Castle	30.04	52	W	3	C	29.90	-.14	53	53	+ 1	NNW	6	od	4	53	51	0.03		
Dover	30.02	50	W	2	bc	29.88	-.15	52	51	+ 2	WSW	5	0	4	53	48	0.12		
London	30.03	50	WSW	2	0	29.81	-.17	55	53	+ 5	SW	5	0	*	56	50	0.02		
Oxford	29.99	51	WSW	4	0	29.76	-.26	54	53	+ 3	SSW	6	r	*	54	50	0.02		
Cambridge	29.97	50	WSW	1	0	29.72	-.22	54	53	+ 5	SW	3	0	*	54	49	0.12		
† Yarmouth	29.92	50	WSW	3	m	29.68	-.25	53	52	+ 4	SW	6	mg	2	53	47	0.20		
The Helder	29.88	50	WSW	2	0	29.70	-.22	51	50	+ 1	SW	4	r	3	52	46	0.08		
Cape Gris Nez	30.04	51	SW	5	bc	29.91	-.17	53	53	+ 2	SW	4	f	5	55	48	0.12		
† Jersey	30.17	54	W	6	0	30.07	-.11	54	52	+ 1	WSW	6	cm	5	54	51	0.02		
Brest	30.23	54	W	4	0	30.10	-.13	55	55	+ 1	W	5	r	4	55	54	—		
Lorient	30.23	55	W	4	0	30.16	-.08	55	52	+ 1	WSW	7	0	3	55	52	0.04		
† Rochefort	30.32	54	NNW	3	bc	30.28	-.01	52	51	+ 6	SW	4	bc	2	52	43	—		
Biarritz	30.39	47	SE	1	bc	30.34	.00	45	41	- 3	SEE	3	bc	2	52	41	—		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	29.94	-.14	51	50	+ 5	SW	5	r	*	52	?	0.12		
Charleville	30.10	48	WSW	4	0	30.06	-.11	51	48	+ 8	SW	5	0	*	51	36	0.47		
Paris	30.19	53	?	4	0	30.13	-.09	53	50	+ 5	S	3	0	*	*	*	0.04		
Lyons	30.36	45	NNW	1	0	30.34	+ .04	44	44	+ 3	S	1	0	*	51	?	—		
Toulon	30.08	51	NNW	4	bc	30.09	-.02	53	44	0	Z	0	bc	2	52	48	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.97	47	W	6	0	28.20	-.38	50	50	+ 7	W	9	rw	*	50	43	1.60		

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

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	29.53	48	47	SW	2	0	4	Valentia ...	29.95	55	54	SW	6	omg	6
Sumburgh Head	29.42	49	47	WSW	4	c	4	Scilly ...	30.02	55	55	WSW	6	of	5
Stornoway ...	29.53	50	48	W	4	bc	4	Dover ...	29.99	53	52	WSW	4	omd	3
Aberdeen ...	29.59	50	48	SSW	1	c	1	London ...	29.98	56	54	WSW	3	0	*
Shields ...	29.75	53	50	W	3	c	2	Yarmouth ...	29.90	52	51	W	2	bcw	2
Ardrossan ...	29.73	52	50	WSW	4	p	3	Jersey ...	30.17	54	53	WSW	5	om	4
Mullaghmore ...	29.82	52	51	SW	5	rgm	5	Rochefort ...	30.19	54	52	SSW	5	0	2
Holyhead ...	29.92	52	52	WSW	4	0	3								

There has been no change of importance since the morning, beyond a backing of the wind at Valentia.

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 (b. w. 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).

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

DAILY WEATHER REPORT 14th NOVEMBER 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Baromet. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	28.89	28	S	2	b	28.61	-4.2	32	32	+4	SE	2	5	34	28	0.04			
Hernösand	28.75	26	L	0	o	28.62	-6.3	34	32	+10	NNW	2	0	36	21	0.16			
Stockholm	28.97	41	SE	4	r	28.75	-6.4	40	38	0	NNW	6	0	43	37	0.12			
Wisby	29.09	45	SSW	6	r	28.91	-5.9	44	42	+1	W	4	0	46	36	0.24			
Bodo	28.76	34	NNW	4	o	28.61	-7.2	31	30	-7	SE	2	0	2	27	—			
Christiansund	28.74	34	NNE	9	5	28.91	-1.9	35	32	-6	NNW	2	0	41	32	0.32			
Skudesnaes	28.97	46	N	6	c	28.97	-3.1	42	40	-5	W	4	r	?	?	—			
(Xö) (Xiansund)	28.93	47	NSW	4	e	28.97	-4.2	42	40	-4	WSW	4	5	?	41	0.32			
Skagen (The Skaw)	28.95	47	N	9	b	29.00	-4.5	45	43	+1	NNW	5	0	?	39	0.16			
Fanö	29.37	48	W	5	o	29.17	-3.6	50	50	+4	WSW	6	m	50	46	0.75			
Cuxhaven	29.42	54	NSW	8	r	29.47	-2.7	53	53	+4	NSW	8	r	?	46	0.35			
Sumburgh Head	28.98	42	NNW	7	c	28.97	-0.8	36	35	-9	NNW	7	0	47	35	0.10			
Stornoway	29.22	45	N	1	o	29.24	+1.0	33	33	-13	N	4	c	47	30	0.03			
Wick	29.17	41	NNW	3	o	29.16	+1.0	36	34	-10	NNW	4	c	46	34	0.06			
Nairn	29.21	45	NNW	1	o	29.21	+1.2	36	35	-9	NNW	2	0	49	36	0.07			
Aberdeen	29.21	46	NNW	1	o	29.15	+0.9	38	37	-11	NNW	3	0	54	38	0.12			
Leith	29.24	50	SW	1	r	29.12	-0.2	41	40	-15	E	2	r	57	39	0.47			
Shields	29.28	59	NSW	3	o	29.10	-1.8	55	53	-2	NSW	2	0	60	53	0.02			
Spurn Head	29.47	56	SW	6	o	29.25	-2.5	52	53	+1	SW	6	c	58	53	0.09			
York	29.43	58	NSW	4	o	29.24	-2.4	55	53	-1	NSW	4	0	59	53	0.08			
Nottingham	29.55	57	NSW	4	o	29.32	-2.8	55	54	0	NSW	2	r	60	53	0.15			
Ardrossan	29.26	50	NNW	1	r	29.09	-1.6	45	42	-11	NE	2	0	54	42	0.75			
Mullaghmore	29.25	55	SW	7	r	29.02	-3.4	51	50	-4	SW	5	r	55	50	1.18			
Donaghadee	29.28	57	NSW	5	r	29.10	-2.4	51	51	-6	NSW	3	c	58	51	0.62			
Parsonstown	29.43	56	SW	3	r	29.17	-3.9	52	49	-6	S	1	c	57	49	0.49			
Barrow-in-Furness	29.38	53	SW	9	o	29.18	-2.5	52	?	-1	SW	7	o	54	51	0.15			
Holyhead	29.48	55	NSW	7	m	29.11	-4.5	54	54	0	SW	5	m	55	53	0.46			
Liverpool (Bidston)	29.46	56	SW	6	c	29.22	-3.8	54	52	-2	SW	4	o	59	54	0.07			
Valentia	29.45	55	SSW	8	r	29.11	-5.4	54	53	-3	S	7	mug	57	53	0.68			
Roche's Point	29.65	56	NSW	7	r	29.23	-4.6	54	53	-1	SW	5	og	56	50	0.55			
Pembroke	29.60	54	NSW	8	o	29.32	-4.0	54	54	0	SW	8	o	55	53	0.42			
Scilly	29.81	56	SW	8	o	29.46	-4.1	55	55	0	SW	8	o	58	54	0.27			
Prawle Point	29.82	54	SW	6	o	29.47	-4.5	55	55	+2	SSW	7	r	55	53	0.04			
Hurst Castle	29.81	54	N	7	o	29.52	-3.8	54	54	+1	NSW	8	ond	55	53	0.02			
Dover	29.76	53	W	5	o	29.56	-3.2	53	52	+1	SW	6	og	53	51	0.08			
London	29.72	52	W	5	o	29.48	-3.2	55	54	0	SW	6	od	58	54	0.01			
Oxford	29.68	55	SW	6	r	29.40	-3.6	55	54	+1	SSW	7	rg	57	54	0.01			
Cambridge	29.66	57	SW	5	o	29.41	-3.1	55	54	+1	SW	3	r	59	53	0.01			
Yarmouth	29.59	57	NSW	5	c	29.41	-2.7	54	53	+1	SW	5	odg	58	51	0.03			
The Helder	29.56	58	SW	5	o	29.43	-2.7	53	51	+2	SW	5	0	54	52	0.32			
Cape Gris Nez	29.82	54	NSW	8	r	29.64	-2.7	53	52	0	SW	8	o	54	45	0.08			
Jersey	30.00	54	SW	5	o	29.69	-3.8	55	54	+1	SW	7	omgr	55	53	0.06			
Brest	30.00	56	NSW	5	o	29.72	-3.8	56	55	+1	SW	8	r	?	54	0.12			
Lorient	30.07	57	ESE	7	r	29.84	-3.2	58	55	+3	SW	11	o	?	55	0.12			
Rochefort	30.19	54	SSW	5	b	29.99	-2.9	46	44	+6	S	5	b	61	41	—			
Biarritz	30.22	54	ESE	4	b	30.04	-3.3	54	47	+9	SSE	3	b	59	41	—			
Corunna	*	*	*	*	*	30.03		57	*		S	4	o	5	*	*			
Brussels	*	*	*	*	*	29.70	-2.4	52	50	+6	SW	8	o	55	51	0.08			
Charleville	29.99	53	N	5	o	29.56	-2.0	56	47	-1	SSW	5	o	54	46	—			
Paris	30.06	55	?	1	o	29.88	-2.6	53	50	0	SSW	7	o	*	*	—			
Lyons	30.26	46	NE	1	o	30.13	-2.1	37	37	-7	S	1	f	36	34	—			
Toulon	30.11	59	L	0	b	30.08	-0.1	53	50	0	S	1	b	61	48	—			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.18	51	NSW	8	r	27.96	-2.4	49	49	-1	NSW	7	rw	*	51	49	2.47		

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

Hawes Junction	28.18	51	NSW	8	r	27.96	-2.4	49	49	-1	NSW	7	rw	51	49	2.47			
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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	28.94	45	44	SE	6	ff	Valentia	29.60	57	55	SSW	8	0
Sumburgh Head	28.98	46	45	SW	3	c	Scilly	29.92	58	56	SW	8	0
Stornoway	29.20	45	43	NNW	4	c	Dover	29.79	53	52	NSW	6	od
Aberdeen	29.17	52	50	NNW	3	c	London	29.76	58	56	SW	3	0
Shields	29.31	59	57	NSW	7	0	Yarmouth	29.29	58	55	NSW	6	og
Ardrossan	29.31	52	51	W	2	r	Jersey	30.04	55	54	NSW	6	omp
Mullaghmore	29.35	58	55	SW	7	rg	Rochefort	30.23	58	54	SW	5	c
Holyhead	29.56	55	55	NSW	6	mug							

The weather is in a very unsettled state. The sky is cloudy or dull with rain in many places, the wind is strong, equally from N. and SW. and pressure is decreasing except in the N. The sea is rough 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); u. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

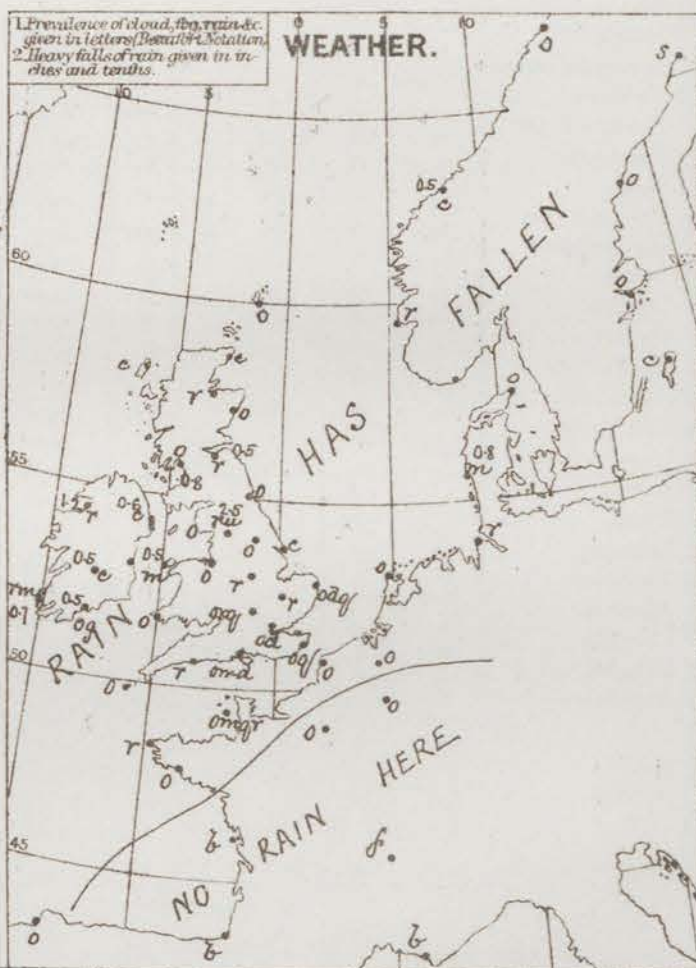
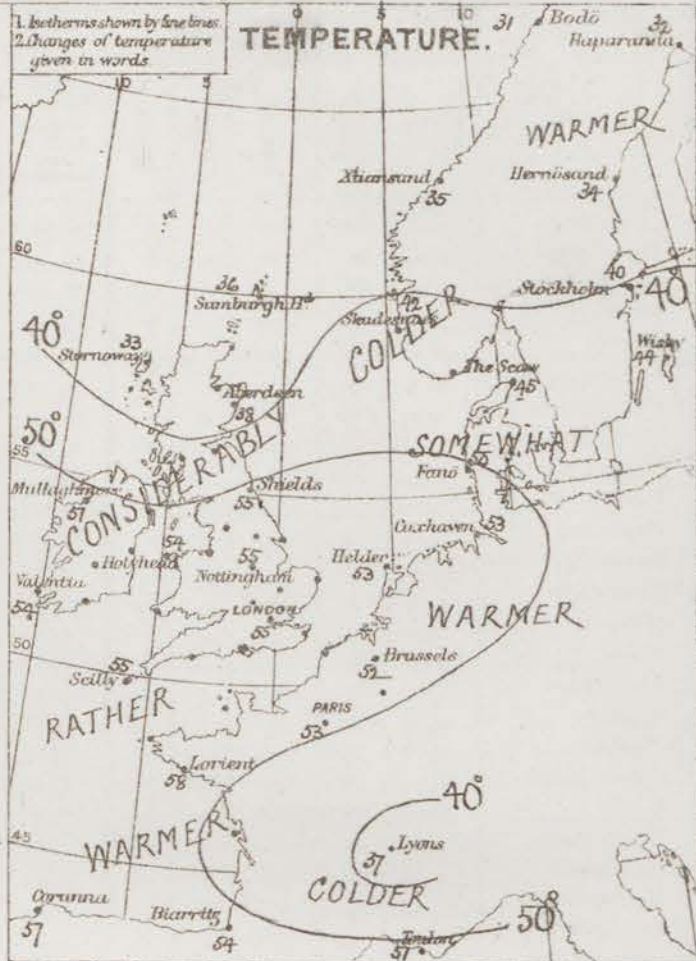
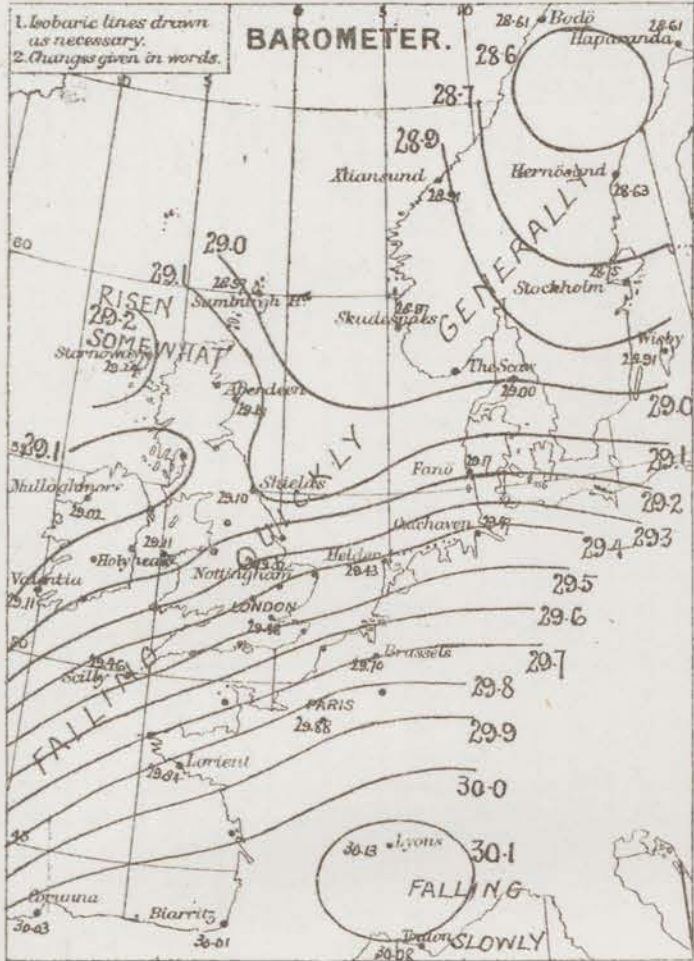
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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 Sunday 14TH Nov^R 1880.



of dotted line has been drawn where the signals are still up

REMARKS. Exceedingly unsettled weather prevails over the whole of Nth Europe this morning. The barometer is falling in all places, and deep depressions are shown one passing away from our NE. coast, and a second approaching Ireland from the Atlantic. In both disturbances the mercury is below 29 ins. The wind is SW and strong to a gale over the greater part of Ireland and England, but in Scotland it is more variable, blowing lightly from E. over the Firths of Clyde and Forth, and more directly or freshly in the more Nth parts of the country. Temperature has risen slightly in the SE, and SW, fallen quickly in the N, and readings range over our Islands, from 55° in the S and E. to 36° at Inver. Rain has fallen all over these Islands, Scandinavia, and the N. of France very heavily at some of the NWth stations. The weather is dark misty and wet in nearly all places. The sea runs high at low water in the Channels, rough in most other places.

Warnings. The Small Craft was hoisted on all coasts the Scotch coast on Friday & Saturday.

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Delivery by hand 10/- per quarter.
" book post 5/- " "

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

15TH NOVEMBER 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	28.41	23	NW	4	s	28.56	-.05	19	19	- 13	NW	6	s	*	34	19	0.28		
Hernösand	28.87	24	N	2	b	28.87	+.24	22	20	- 12	N	2	o	*	36	21	—		
Stockholm	28.93	33	E	2	o	28.70	-.05	36	35	- 4	WSW	4	o	*	45	32	0.08		
Wisby	28.91	42	SW	4	r	28.81	-.10	42	41	- 2	NNW	4	o	*	46	37	0.35		
Bodö	28.71	28	NNW	8	o	28.43	-.18	27	24	- 4	NN	4	o	4	2	25	—		
Christiansund	28.76	33	ESE	3	o	29.03	+.12	30	30	- 5	ENE	3	s	4	?	21	—		
Skudesnaes	28.89	40	N	8	e	29.06	+.09	37	32	- 5	NNW	9	ohg	5	43	?	—		
Oxö (Xiänsund)	28.98	41	WSW	4	o	29.02	+.05	35	31	- 7	N	9	b	3	43	34	—		
Skagen (The Skaw)	28.94	41	WSW	4	r	28.96	-.04	38	34	- 7	N	9	b	8	45	34	0.04		
Fanö	29.01	49	N	6	e	29.26	+.09	39	35	- 11	NN	6	e	*	30	37	0.47		
Cuxhaven	29.29	53	SW	9	r	29.31	-.16	45	42	- 8	N	6	bc	*	?	41	0.43		
Sumburgh Head	29.12	28	NNW	7	s	29.37	+.40	30	27	- 6	NNW	6	o	6	37	26	0.03		
Stornoway	29.34	31	N	5	bc	29.55	+.31	30	30	- 3	NNW	1	m	1	36	26	0.02		
Wick	29.26	31	N	4	o	29.54	+.38	25	24	- 11	NN	2	o	2	35	22	0.14		
Nairn	29.31	33	NNW	4	bc	29.55	+.36	28	27	- 12	N	1	e	2	37	26	—		
Aberdeen	29.21	35	NNW	3	b	29.86	+.41	28	27	- 10	NNW	2	b	2	39	27	0.03		
Leith	29.29	36	E	1	bc	29.63	+.51	28	27	- 13	NE	1	b	*	43	26	0.39		
Shields	29.12	42	NE	7	r	29.65	+.55	29	27	- 26	NN	2	b	3	30	27	0.20		
Spurn Head	29.07	53	SSW	3	r	29.63	+.38	35	30	- 19	NNW	5	b	6	34	33	0.55		
York	29.08	57	SSW	1	r	29.67	+.46	30	29	- 25	N	1	b	*	58	29	0.22		
Nottingham	29.09	53	WSW	3	r	29.69	+.37	32	31	- 23	NNW	1	b	*	36	31	0.77		
Ardrossan	29.28	36	NE	2	o	29.64	+.55	29	28	- 14	E	1	bm	1	44	29	0.27		
Mullaghmore	29.33	42	NNE	8	cg	29.62	+.60	37	33	- 14	SSE	5	og	4	51	32	0.41		
Donaghadee	29.23	41	NNE	8	r	29.65	+.55	37	33	- 14	ENE	3	bc	1	53	36	0.09		
Parsonstown	29.27	41	N	4	r	29.68	+.51	30	29	- 20	E	0	e	*	56	27	0.08		
Barrow-in-Furness	29.04	50	NNW	4	o	29.67	+.69	29	28	- 23	NE	2	b	3	52	28	—		
Holyhead	29.05	52	SW	3	rw	29.69	+.58	37	37	- 17	S	2	bc	2	55	37	0.04		
Liverpool (Bidston)	29.06	50	N	1	r	29.69	+.47	33	29	- 21	NE	1	e	1	56	32	0.31		
Valentia	29.30	47	N	6	opq	29.45	+.34	41	36	- 13	ESE	7	ow	6	56	37	0.06		
Roche's Point	29.15	53	NNW	4	c	29.62	+.39	38	35	- 16	ESE	4	bc	4	57	34	0.25		
Pembroke	29.03	53	SW	7	e	29.67	+.37	42	39	- 12	ENE	3	e	5	54	39	0.30		
Scilly	29.17	55	WSW	9	r	29.75	+.29	45	44	- 10	SSW	2	r	0	57	43	0.16		
Prawle Point	29.18	53	SSW	8	r	29.77	+.30	42	40	- 13	NNW	2	e	4	56	39	0.08		
Hurst Castle	29.26	55	WSW	8	e	29.71	+.19	44	44	- 10	NNE	4	e	5	56	44	0.19		
Dover	29.35	53	SW	7	opq	29.65	+.09	45	44	- 8	N	3	op	3	54	44	0.58		
London	29.23	54	SW	7	st	29.68	+.20	41	40	- 14	N	1	e	*	57	41	0.20		
Oxford	29.15	52	SW	5	r	29.71	+.31	39	37	- 16	N	2	bcf	*	58	39	0.25		
Cambridge	29.17	55	SW	4	o	29.69	+.28	38	37	- 17	NN	1	e	*	58	36	0.25		
Yarmouth	29.22	54	SW	5	cg	29.62	+.21	42	39	- 12	NNW	1	e	4	57	40	0.22		
The Helder	29.20	52	SW	4	o	29.48	+.05	45	42	- 8	N	4	o	3	54	45	0.47		
Cape Gris Nez	29.21	52	SW	8	r	29.67	+.03	46	44	- 7	N	5	e	4	57	45	2.72		
Jersey	29.41	55	SW	8	e	29.81	+.12	49	47	- 6	NNW	5	ow	5	57	43	0.16		
Brest	29.47	56	N	10	r	29.88	+.16	50	49	- 6	NN	5	bc	7	57	48	0.12		
Lorient	29.54	56	WSW	4	o	29.89	+.05	52	48	- 6	NNW	8	e	6	?	50	0.08		
Rochefort	29.86	59	WSW	9	o	30.01	+.02	54	52	+.8	N	9	e	7	61	41	0.16		
Biarritz	30.00	63	SSW	5	bc	30.20	+.19	59	57	+.5	N	7	e	5	70	59	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.55	-.15	48	46	- 4	NNW	1	o	*	50	48	0.43		
Charleville	29.65	51	SSW	5	r	29.52	-.34	51	48	+.1	WSW	7	r	*	51	45	0.98		
Paris	29.66	52	?	5	o	29.71	-.17	55	52	+.2	SW	4	o	*	*	*	—		
Lyons	29.93	42	N	1	b	30.01	-.12	47	46	+.10	NN	1	o	*	52	36	—		
Toulon	30.04	58	N	3	b	30.01	-.07	55	48	+.2	W	5	b	4	59	52	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.85	48	WSW	3	o	28.41	-.45	20	20	- 29	E	2	o	*	49	19	0.20		

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

Hawes Junction	29.85	48	WSW	3	0	28.41	-.45	20	20	-.29	E	2	0	*	49	19	0.20	
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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	28.93	42	38	N	7	0	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.90	57	55	5	7	0
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.

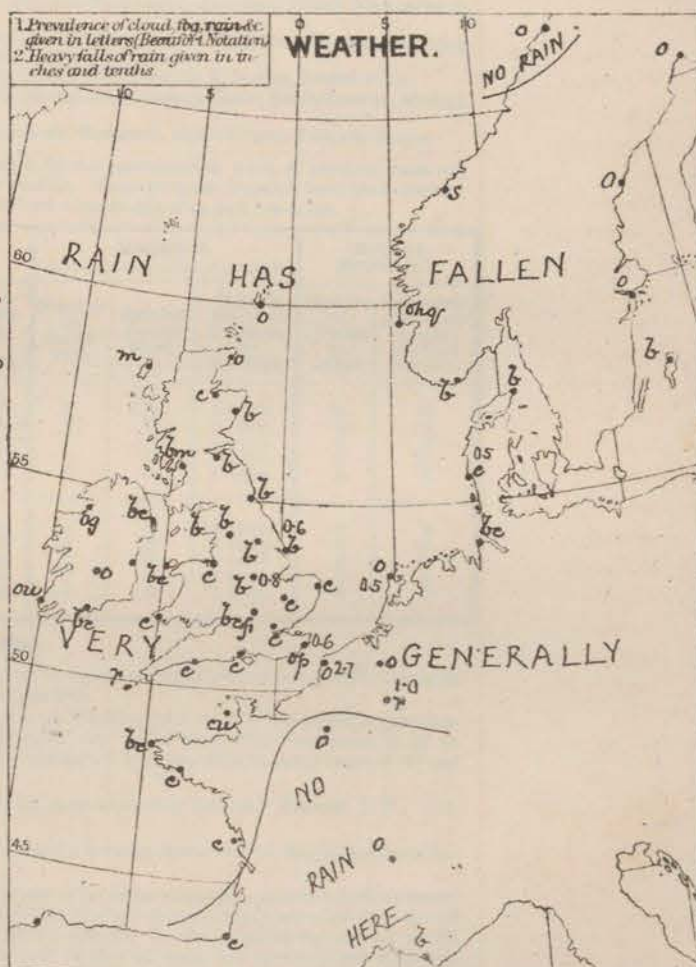
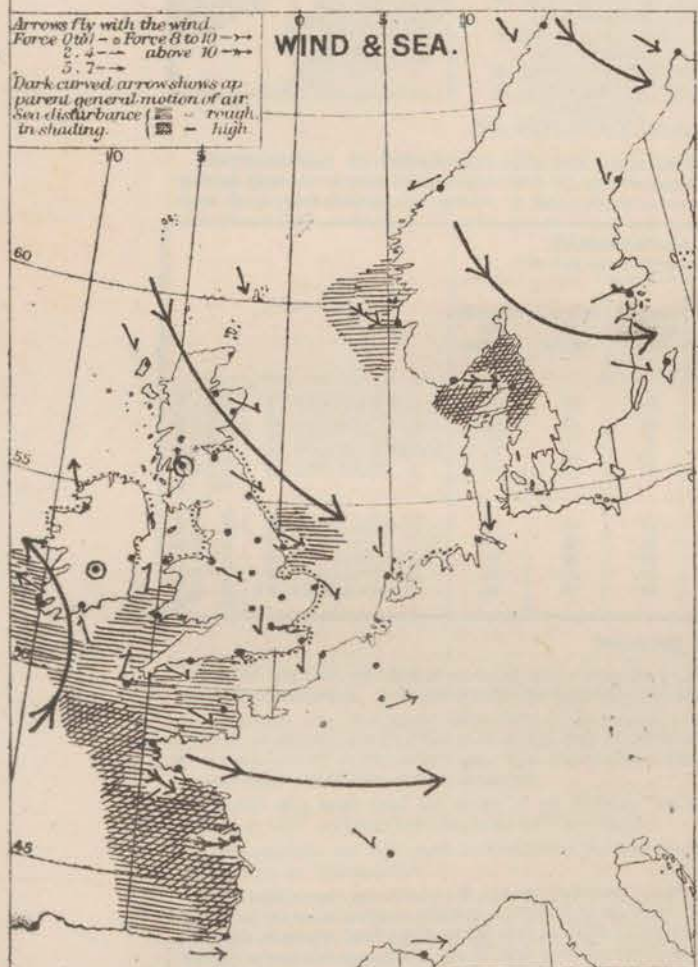
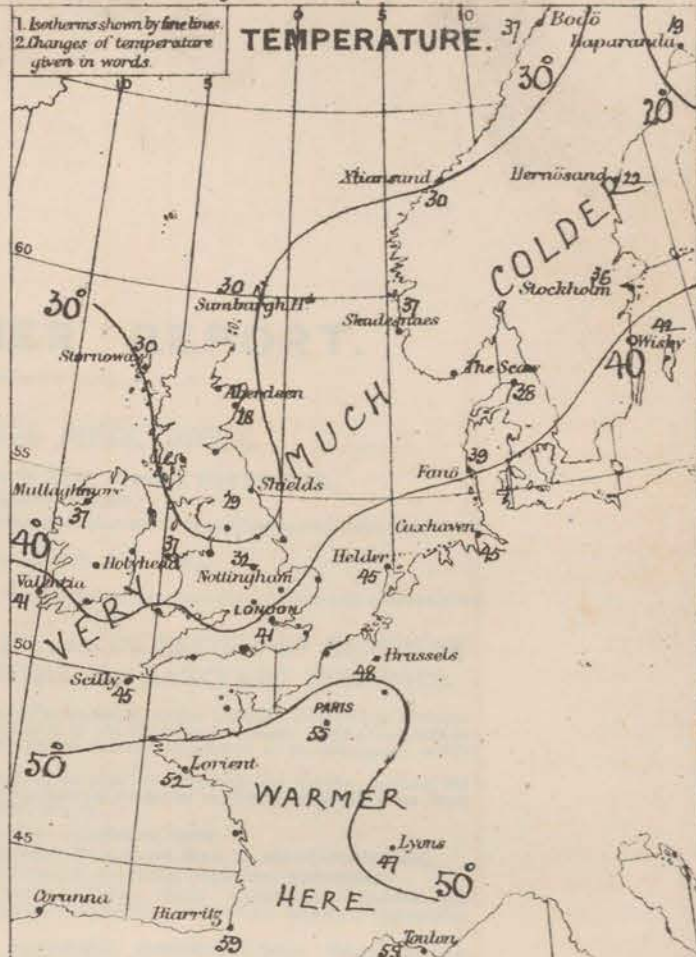
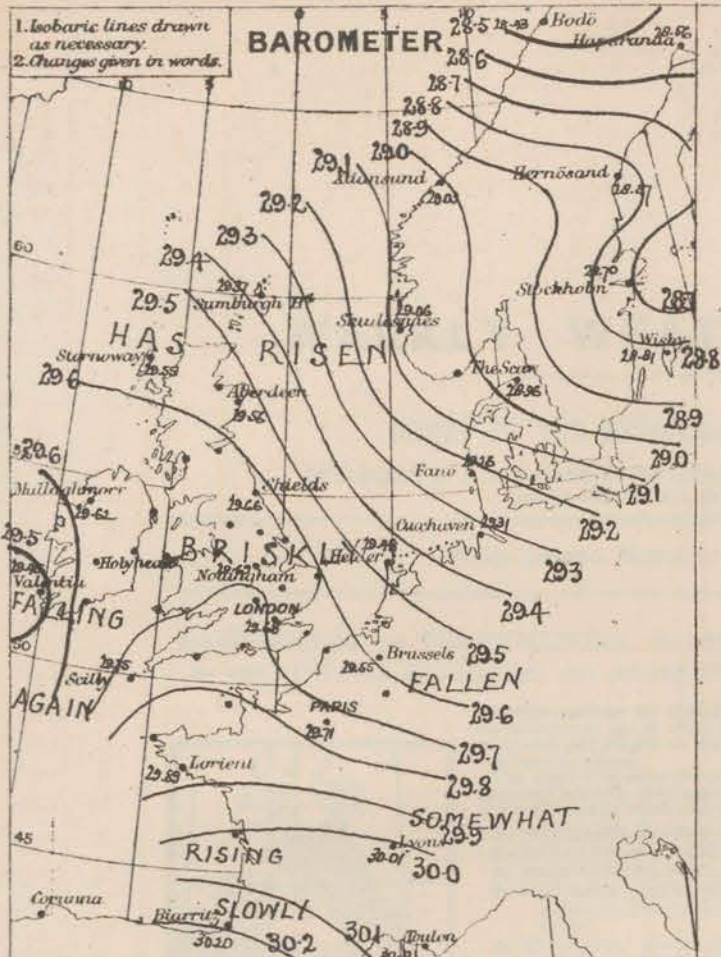
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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.

WEATHER CHARTS for 8 a.m. on Monday 15TH Nov^R 1880.



the little line has been drawn when the signals are still flying

REMARKS. The changes at present in progress over W. Europe are exceedingly sudden and irregular. The barometer during the past night has risen over the greater part of W. Europe, the change over these Islands having been very rapid, but this morning fresh and brisk gale has commenced at Valentia. A deep depression lay over Central England last night, but this has since disappeared, apparently across Scandinavia, while a fresh disturbance is approaching the S. of Iceland. This morning's chart, consequently shows an area of high pressure over the S. of France, comparatively uniform readings over these Islands, a slight disturbance off the S. of Ireland, and a deep depression over N. Norway. The wind blows a gale from W. over France, while strong S. winds are reported over Ireland, and W. winds over St. Britain, the North Sea and Scandinavia, ranging from a light breeze on our coasts to a strong gale over the Skager Rack. The weather is moderately fine over a large part of England and Scotland, but in the S. of England, over Ireland and the greater part of the Continent the sky is cloudy or dull with rain in some places, and snow at Christiansund. The changes of temperature have been very sudden, a fall having occurred at all except the French stations; the change over NE. and Central England, amounting to over 20°, and at all our stations to about 10°. Readings range from 45° in the S. to 25° in the N. The sea is rough to high in the S. and W. The S. wind is still foggy over E. S. & NW. coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 16TH NOVEMBER. 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.				Max.	Min.						
Haparanda	28.50	18	NW	6	o	29.26	+ .70	12	11	—	7	NW	4	o	*	19	10	—	
Hernösand	29.15	16	Z	o	c	29.49	+ .62	8	7	—	14	SW	2	b	*	26	?	—	
Stockholm	29.30	20	W	2	b	29.60	+ .94	20	19	—	16	W	2	b	*	37	?	0.04	
Wisby	29.31	35	NW	6	c	29.54	+ .78	32	31	—	10	NW	2	b	*	43	?	—	
Bodö	29.13	28	NNE	2	o	29.26	+ .83	21	19	—	6	E	2	s	1	27	16	—	
Christiansund	29.31	29	WSW	2	c	29.30	+ .27	28	28	—	2	SSE	5	o	4	30	19	0.04	
† Skudesnaes	29.44	33	WNW	4	c	29.32	+ .26	26	28	—	1	SE	8	o	4	?	?	—	
Oxö (Xiansund)	29.43	33	W	4	b	29.42	+ .40	31	29	—	4	N	2	o	2	37	28	—	
Skagen (The Skaw)	29.47	35	N	3	b	29.49	+ .53	37	35	—	1	S	3	o	2	39	30	—	
Fanö	29.58	36	NW	2	c	29.37	+ .11	31	34	—	4	E	4	o	*	41	24	—	
† Cuxhaven	29.68	41	WNW	2	b	29.43	+ .12	38	38	—	7	SE	5	o	*	?	36	—	
† Sumburgh Head	29.48	29	WNW	2	o	29.18	— .19	30	30	—	0	SSE	5	s	5	32	26	0.03	
† Stornoway	29.30	34	WSW	6	ts	29.05	— .30	38	35	+	8	E	6	b	6	38	30	0.70	
Wick	29.43	35	S	3	o	29.06	— .48	37	37	+	12	NW	1	o	2	37	23	—	
Nairn	29.40	31	W	1	o	29.03	— .52	30	29	+	4	E	2	o	3	35	24	—	
† Aberdeen	29.48	33	WSW	1	o	28.97	— .59	40	38	+	12	ESE	6	ts	6	40	27	0.37	
Leith	29.52	30	SSW	1	o	28.94	— .79	37	36	+	9	NE	2	r	*	39	27	0.02	
† Shields	29.54	35	Z	0	f	28.69	— .96	43	43	+	14	SSE	5	r	4	43	26	0.42	
Spurn Head	29.54	39	SE	5	r	28.75	— .28	45	45	+	10	SSE	3	c	5	46	33	0.28	
York	29.56	35	E	1	o	28.7	— .3	42	41	+	12	SSE	1	o	*	42	30	0.80	
Nottingham	29.54	36	ENE	1	s	28.52	— 1.07	45	43	+	13	SSW	3	b	*	45	30	0.33	
† Ardrossan	29.47	32	SE	1	cm	28.80	— .84	33	33	+	4	NE	3	s	2	43	27	0.05	
† Mullaghmore	29.31	38	ESE	4	r	28.32	— .80	41	40	+	4	NE	6	o	5	44	35	0.03	
Donaghadee	29.41	40	SSW	4	c	28.68	— .97	40	39	+	3	ENE	8	r	6	44	31	0.53	
Parsonstown	29.35	36	SE	3	r	28.81	— .87	39	38	+	9	N	5	o	*	46	29	0.43	
Barrow-in-Furness	29.40	35	E	3	c	28.51	— 1.16	38	37	+	9	E	3	r	3	38	29	0.44	
† Holyhead	29.26	38	NNE	2	mg	28.45	— 1.24	47	47	+	10	WNW	4	r	4	48	36	0.54	
Liverpool (Bidston)	29.48	34	ESE	3	o	28.59	— 1.10	44	42	+	11	SE	4	o	2	45	38	0.34	
† Valentia	29.26	37	S	5	opg	28.90	— .55	44	43	+	8	W	3	o	3	53	36	1.06	
Roche's Point	29.35	40	SSW	5	o	28.78	— .84	45	43	+	7	NW	5	b	5	52	36	1.15	
Pembroke	29.35	40	SSW	5	o	28.78	— .84	45	43	+	7	NW	5	b	5	52	36	1.15	
† Scilly	29.56	53	W	8	ow	28.95	— .80	51	50	+	6	WSW	10	cm	7	55	48	0.48	
Prawle Point	29.58	51	W	7	b	28.92	— .85	51	48	+	9	SW	8	b	7	54	41	0.35	
Hurst Castle	29.44	52	W	7	c	28.95	— .76	51	50	+	7	WNW	6	cm	5	53	43	0.55	
† Dover	29.48	47	SSW	5	ow	29.02	— .63	52	50	+	6	WSW	6	cm	5	56	43	0.28	
† London	29.46	46	SE	1	r	28.91	— .77	49	47	+	8	SSW	3	c	*	53	39	0.39	
Oxford	29.50	58	N	1	o	28.94	— .87	49	46	+	10	S	6	r	*	52	37	0.59	
Cambridge	29.48	39	SSE	1	r	28.85	— .84	49	48	+	11	SW	3	o	*	50	35	0.56	
† Yarmouth	29.59	41	SE	4	fw	28.88	— .74	50	49	+	8	SSW	4	cm	4	50	40	0.55	
The Helder	29.60	40	ESE	1	r	29.16	— .32	43	42	—	2	SSE	1	r	1	45	39	0.16	
Cape Gris Nez	28.72	45	S	5	T	29.06	— .41	52	52	+	6	SSW	8	r	6	48	43	0.51	
† Jersey	29.64	54	W	8	b	29.11	— .70	52	49	+	3	SW	8	cm	7	55	48	0.42	
Brest	29.74	55	WNW	7	b	29.24	— .64	53	52	+	3	WSW	9	o	8	55	49	0.43	
Lorient	29.50	55	WNW	8	c	29.26	— .63	54	50	+	2	WSW	9	o	7	57	50	1.02	
† Rochefort	29.00	57	WSW	9	r	29.55	— .46	55	52	+	1	SSW	12	r	7	61	48	0.32	
Biarritz	30.17	58	SSW	4	o	29.72	— .48	60	51	+	1	SSW	7	o	5	64	50	—	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.19	— .36	51	50	+	3	S	7	o	*	?	48	0.24	
Charleville	29.65	47	NW	5	r	29.39	— .13	51	49	o	5	S	5	r	*	52	45	0.79	
Paris	29.70	52	S	5	r	29.32	— .39	55	51	o	5	SW	9	o	*	*	*	0.20	
Lyons	30.04	46	S	1	b	29.24	— .17	50	46	+	3	SE	1	o	*	62	44	—	
† Toulon	30.08	55	W	7	o	30.01	— .00	50	47	—	5	WNW	5	b	3	59	46	—	

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

Hawes Junction	28.27	26	E	4	c	27.49	— .92	31	31	+	11	E	5	cm	*	31	19	0.05
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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 ...	29.30	36	33	WNW	7	c	5	Valentia ...	29.45	45	43	SE	6	og	6
Sumburgh Head ...	29.48	31	28	WNW	5	bc	6	Scilly ...	29.52	55	54	WSW	9	c	7
Stornoway ...	29.42	30	28	E	6	s	5	Dover ...	29.73	46	45	N	2	op	2
Aberdeen ...	29.49	33	31	W	2	c	2	London ...	29.68	44	43	SE	1	mgd	3
Shields ...	29.65	33	31	W	1	o	3	Yarmouth ...	29.71	43	42	WNW	1	bc	3
Ardrossan ...	29.61	23	32	ESE	2	of	2	Jersey ...	29.75	49	48	S	5	sm	5
Mullaghmore ...	29.49	38	34	SE	5	og	4	Rochefort ...	30.04	58	53	W	9	c	7
Holyhead ...	29.58	40	40	NE	3	c	2								

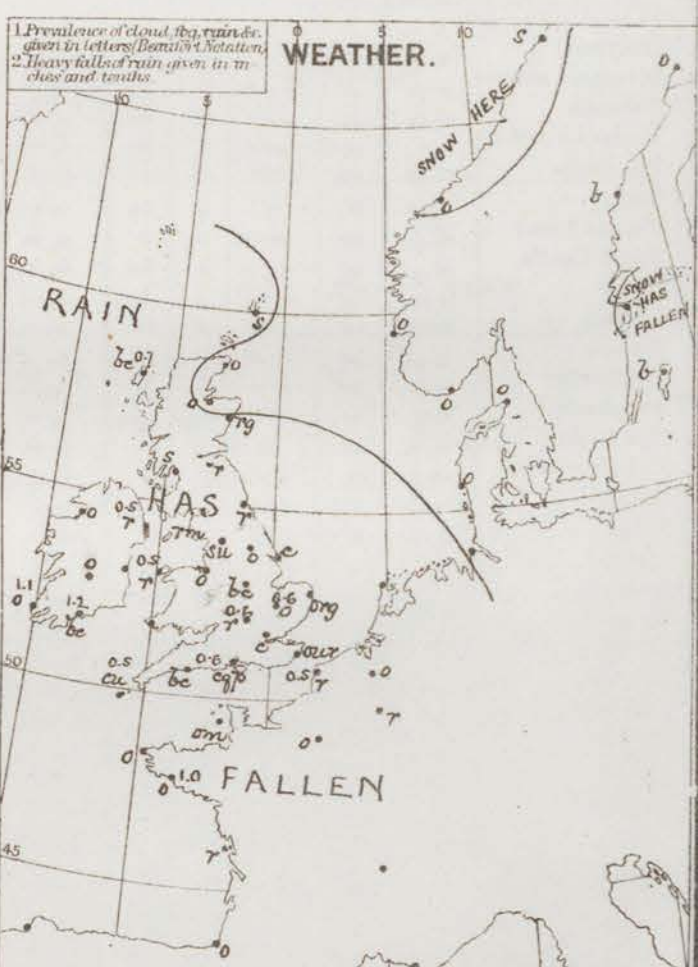
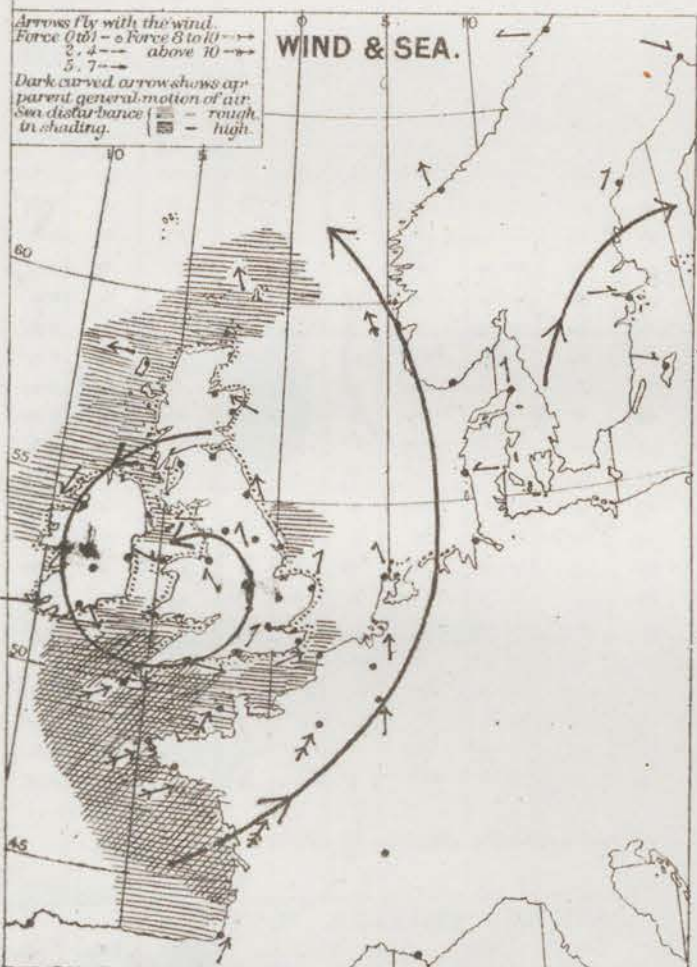
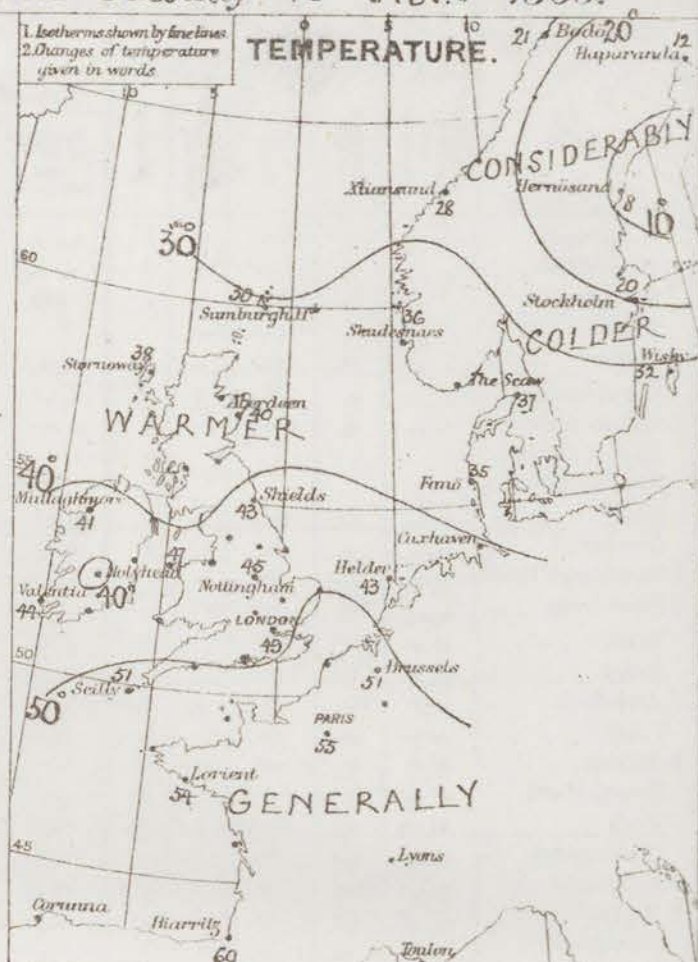
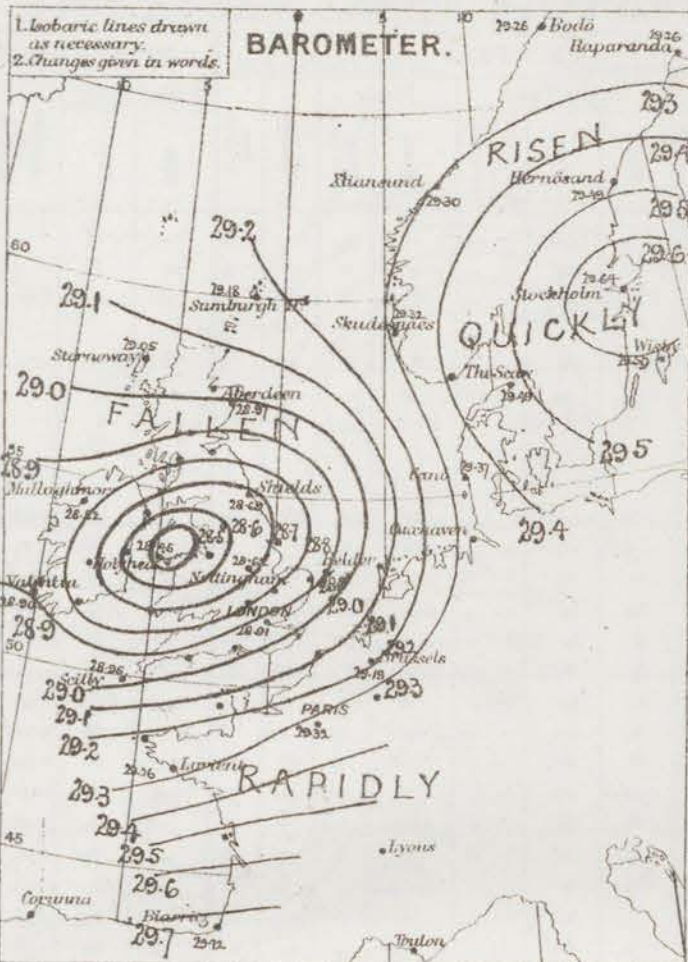
Exceedingly unsettled weather prevails over the whole country. The barometer is falling again in the N. and new depressions are approaching with SE winds & rain.

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); 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.

† Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Tuesday 16th Nov. 1880.



Arrows show the direction of the wind and the sea.

REMARKS. A exceedingly deep depression has advanced over us from the Atlantic during the night, and now shows over the Irish Sea. At our NW stations the decrease of pressure exceeds an inch, and over the whole of these Islands the change is more than half an inch, and readings range at present from 28.45 in. at Holyhead to 29.6 in. at Stockholm and 29.7 in. at Rianity. In Scandinavia a rapid rise of the barometer is in progress. The wind circulates round the low pressure, blowing from N. over Ireland, from NW. over France and the S. of England, from S. in the Netherlands and as our E. coast, and from E. in the N. Sea. The blizzard and snow as fresh to land gales is blowing, and the wind generally is strong. At Valentia, however, it is backing somewhat and is light from W. The weather is dull at nearly all except the Baltic stations, rain is falling in nearly all districts, and snow is reported from the Shetlands, Norway, and Haparanda Junction. Rain has fallen almost everywhere, very heavily in S. Ireland. Temperature has increased slightly in France and quickly over these Islands but has fallen fast in Sweden. Readings range from 57° in the SW to 50° at Rianity and Sumburgh Head, and 8° at Haparanda. The maxima were between 35 and 45° in the N. and between 50° and 55° in the S. and SW. The sea is rough & high in the N. and S. Happings. The S. Sea is flying on all our coasts.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

17th NOVEMBER

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.				Max.	Min.						
Haparanda	29.44	10	W	2	b	29.48	+ 12	14	14	N	2	12	15	—					
Hernösand	29.58	5	Z	0	b	29.26	— 23	20	19	NNE	4	21	3	—					
Stockholm	29.26	32	SSE	6	o	28.83	— 81	36	36	WST	2	43	19	0.20					
Wisby																			
Bodo	29.27	26	SW	4	o	29.24	— 02	21	19	E	2	2	18	—					
Christiansund	29.23	27	E	3	b	29.05	— 25	27	26	E	2	30	16	—					
† Skudesnaes	28.80	34	ENE	8	o	28.65	— 67	33	31	NNE	4	37	?	—					
Oxö (Xiansund)																			
Skagen (The Skaw)																			
Fanö	28.64	45	SSW	6	o	28.62	— 75	46	44	WST	8	46	34	0.55					
Cuxhaven	28.91	49	SW	7	o	28.91	— 82	44	43	SW	6	50	36	0.29					
† Sumburgh Head	28.98	32	NE	8	5	29.04	— 14	32	29	N	6	29	28	0.22					
† Stornoway	29.05	33	N	5	o	29.16	+ 11	34	34	ENE	8	38	30	0.17					
Wick	28.91	38	NE	7	+	29.11	+ 05	38	36	ENE	6	38	33	0.47					
Nairn	28.89	37	NE	7	ST	29.07	+ 04	34	33	NE	3	37	25	0.64					
† Aberdeen	28.78	41	E	6	op	29.02	+ 05	35	34	N	4	43	34	0.20					
Leith	28.93	35	NE	2	o	29.05	+ 21	34	34	NTN	1	42	33	0.45					
† Shields	28.89	42	NE	8	+	29.03	+ 34	36	35	NNW	2	49	33	0.24					
Spurn Head	28.49	40	W	6	+	29.05	+ 30	40	38	W	4	49	38	0.05					
York	28.52	41	NNW	2	+	29.05	?	34	34	NNW	1	48	34	0.06					
Nottingham	28.69	44	SSW	4	o	29.12	+ 50	35	35	W	1	49	33	0.06					
† Ardrossan	28.85	40	N	2	o	29.07	+ 27	32	31	NNE	1	48	31	0.02					
† Mullaghmore	29.00	48	N	6	oq	29.19	+ 37	36	35	N	5	45	34	0.13					
Donaghadee	28.88	44	NE	6	o	29.10	+ 42	36	34	N	4	45	33	1.05					
Parsonstown	29.05	35	Z	0	b	29.23	+ 40	32	32	NNW	2	42	32	—					
Barrow-in-Furness																			
† Holyhead	28.74	41	NNE	4	o	29.04	+ 53	37	35	NNW	2	48	31	0.52					
Liverpool (Bilston)	28.84	46	NNW	9	on	29.11	+ 66	40	40	NNW	5	?	?	0.45					
† Valentia	28.75	43	NNW	6	o	29.07	+ 48	37	36	N	2	46	37	0.39					
Roche's Point	29.09	42	NNE	3	bc	29.31	+ 41	42	37	NNW	3	49	39	0.18					
Pembroke	29.09	46	NNW	5	bc	29.31	+ 53	37	35	NNW	3	48	37	—					
† Scilly	28.93	44	W	5	o	29.18	+ 64	41	37	NNW	5	48	41	0.01					
Prawle Point	29.03	51	N	9	oq	29.37	+ 132	47	45	NNW	6	52	45	0.05					
Hurst Castle	28.91	46	NNW	4	o	29.20	+ 28	37	36	NW	2	53	35	0.18					
† Dover	28.95	47	NNW	7	bc	29.15	+ 20	37	37	NW	3	53	36	0.07					
† London	28.85	47	WST	6	bq	29.11	+ 09	40	38	N	1	52	39	0.17					
Oxford	28.83	45	WST	6	o	29.12	+ 21	35	34	W	1	52	34	0.31					
Cambridge	28.91	43	SSW	6	o	29.15	+ 31	35	34	WST	2	52	35	0.01					
† Yarmouth	28.74	45	SSW	4	o	29.11	+ 26	35	35	SW	1	57	34	0.01					
The Helder	28.61	47	WST	7	cq	29.08	+ 20	36	35	W	1	51	35	0.02					
Cape Gris Nez	28.66	48	SW	6	o	29.03	— 13	45	41	WST	5	50	43	0.55					
† Jersey	28.85	50	SW	8	o	29.12	+ 06	44	44	W	1	55	41	0.43					
Brest	29.08	49	W	7	oq	29.20	+ 09	46	42	NNE	4	53	43	0.69					
Lorient	29.25	38	NW	7	o	29.21	— 03	47	44	N	7	?	41	0.75					
† Rochefort	29.19	51	NNW	8	o	29.15	— 11	46	44	N	4	55	45	0.63					
Biarritz	29.42	53	WST	11	r	29.28	— 27	53	50	WST	11	63	45	0.67					
Corunna	29.63	58	S	7	+	29.45	— 27	54	51	W	7	?	48	0.32					
Brussels																			
Charleville																			
Paris	29.14	49	NNW	5	o	29.36	— 03	44	41	S	4	?	40	0.75					
Lyons	29.16	?	WST	8	o	29.19	— 12	46	42	SE	1	*	*	0.12					
Toulon	29.51	57	SSW	4	o	29.42	— 42	47	44	SSW	1	58	45	0.08					

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

Hawes Junction	29.44	36	NNW	5	o	29.21	+ 32	32	32	+ 1	NNW	2	0	*	36	31	0.97
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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 ...	29.08	37	32	E	5	o	4	Valentia ...	28.97	48	46	NN	3	+	3
Sumburgh Head	29.06	31	31	NE	7	o	6	Scilly ...	28.96	51	50	NNN	9	cq	7
Stornoway ...	29.02	34	33	ENE	7	o	6	Dover ...	28.89	51	48	NSTN	7	bq	6
Aberdeen ...	28.88	42	40	NNE	6	o	6	London ...	28.76	52	50	SW	7	cp	4
Shields ...	28.80	41	41	N	2	+	4	Yarmouth ...	28.74	51	49	STN	5	bc	4
Ardrossan ...	28.73	39	38	NE	4	o	2	Jersey ...	29.01	52	49	NSTN	9	bc	7
Mullaghmore	28.91	44	40	N	6	o	6	Rochefort ...	29.43	54	51	NSTN	12	+	7
Holyhead ...	28.61	44	43	NNN	9	o	7								

The depression is moving away ENE over the North Sea, and the mercury is beginning to rise in Ireland. H^g gales prevail in the Channel and H^g gales over the Irish Sea, and the weather is dull and rainy except in the SE. and at Mullaghmore.

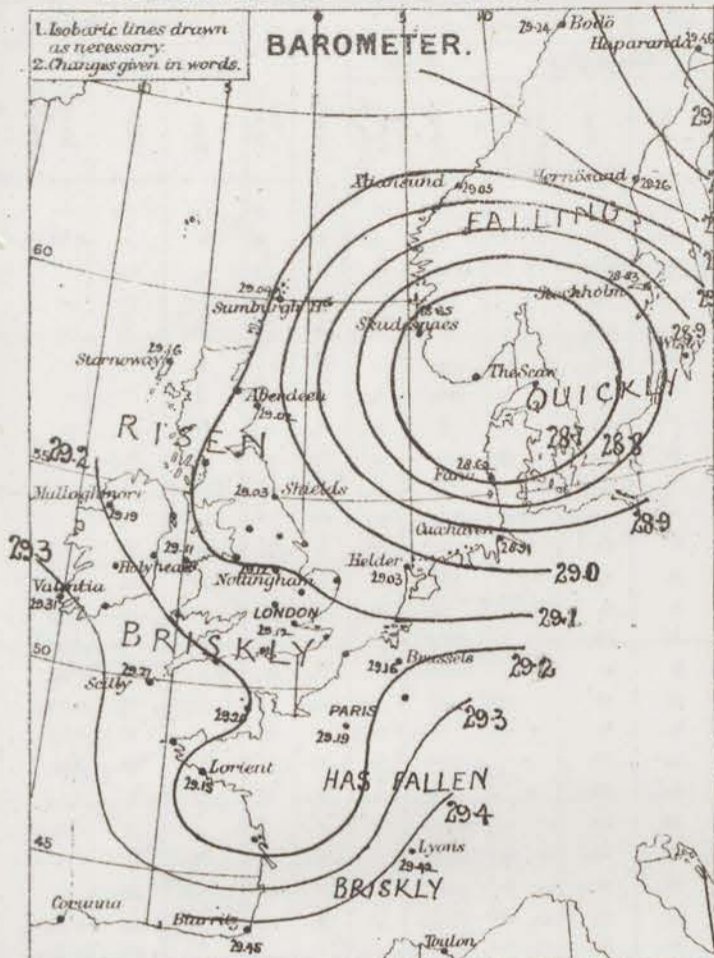
EXPLANATION OF COLUMNS.

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 10 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 Wednesday 17th Nov^r 1880.

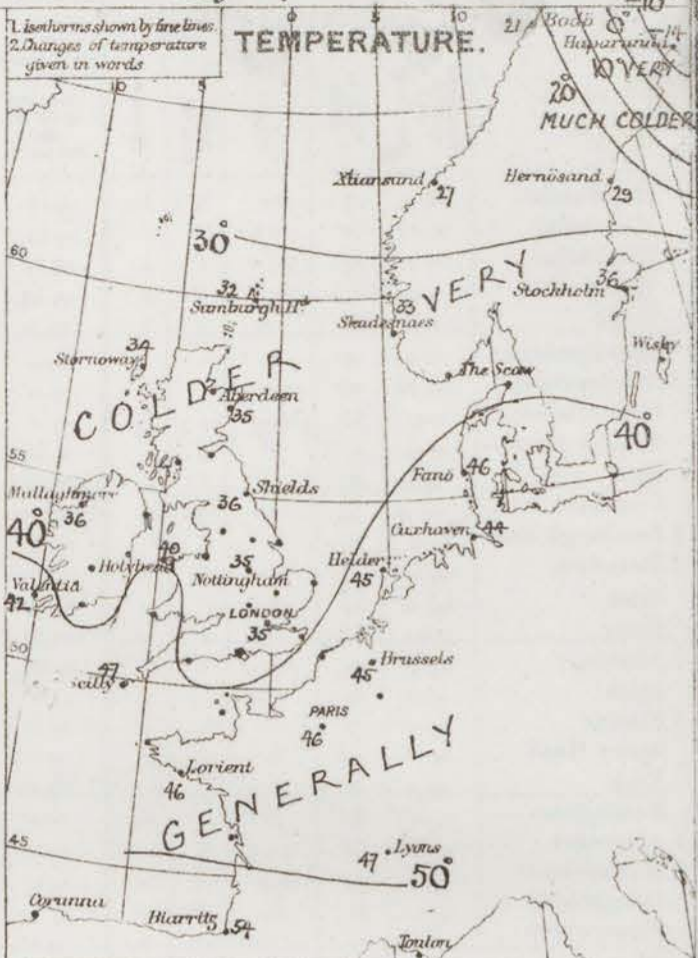
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



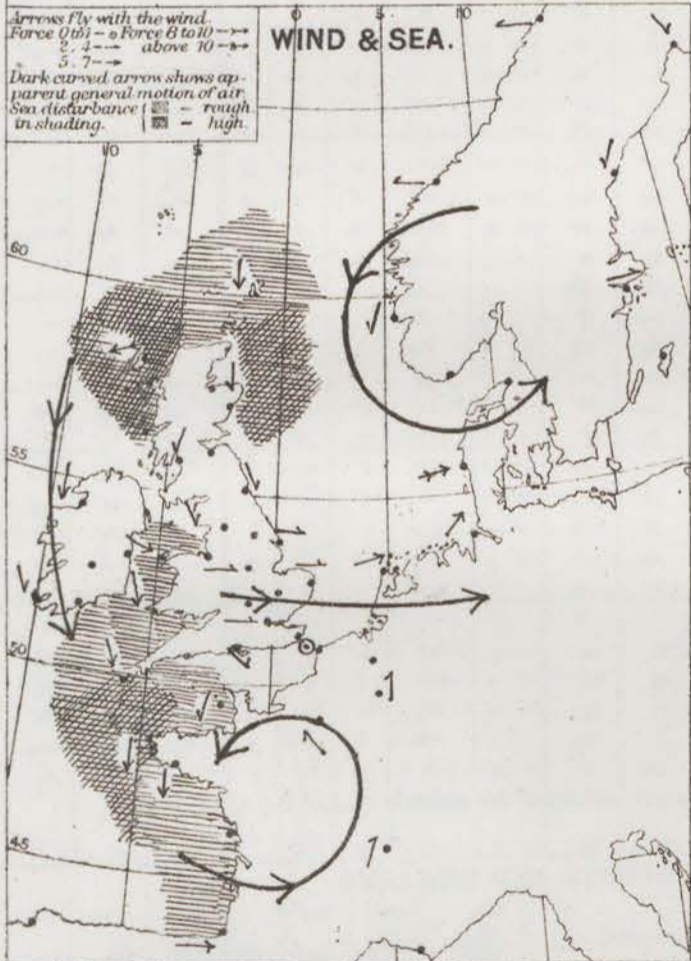
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

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.
Shading — rough in shading. — high.

WIND & SEA.



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

WEATHER.



REMARKS

Yesterday depression has passed away quickly NE, and now lies apparently over the S. of Scandinavia. The mercury still falls at Skudesnäs, but over the whole of these Islands, and the N. of Europe the barometer is rising, the change in the W. of England amounting half an inch. Two areas of high pressure lie off the W. of Ireland, while a small and very shallow depression is shown near Paris. The wind is NE in the N. of Scotland, N. at our other stations, and on all our west W. coasts, but draws into W over Britain and Eastern England, and into SW in N. Germany. In the W. and N. it blows fresh, or strongly and in the Heligoland reaches a gale. The weather is fine at most of our more S. stations, but is cloudy or dark elsewhere, with showers of sleet and hail at Ramin and Mullaghmore. Rain has fallen everywhere. Temperature has increased a little in N. Scotland, fallen in all other districts, the change in the SE amounting to 14°. Readings range from 47° at Seely to 32° in the Shetlands, and the maximum yesterday were between 50° and 55° in the S., between 40° and 50° in most other places, but below 40° in the N. of Scotland. The sea is still rough. Warnings Signals are now down on all coasts.

Meteorological Office.

R. H. SCOTT.

Secretary

116, Victoria Street, Westminster, S.W.

DAILY WEATHER REPORT

18TH NOVEMBER 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 19).		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	29.22	8	NW	2	b	29.13	-35	6	6	+20	NN	4	0	*	9	-14	-		
Hernösand	28.95	25	NNE	6	o	29.12	-14	22	21	+2	N	4	0	*	31	1	0.28		
Stockholm	28.91	39	WSW	8	o	29.17	+24	34	33	-2	SSW	4	b	*	41	30	-		
Wibby	28.99	42	WSW	6	b	29.23		40	39		SW	4	0	*	45	32	-		
Bodö	29.12	17	E	5	b	29.10	-14	17	15	-4	E	2	b	1	21	16	-		
Christiansund	28.94	28	E	2	c	29.11	+06	25	24	-2	NNW	1	b	3	30	16	-		
Skudesnaes	28.88	33	N	2	o	29.10	+45	30	28	-3	NNW	2	b	2	32	?	-		
Oxö (Xiansund)	28.87	34	WSW	4	o	29.10		32	30		W	2	b	4	34	30	-		
Skagen (The Skaw)	28.96	37	W	6	b	29.13	+62	35	34	-8	WSW	4	b	2	43	32	0.12		
Fanö	29.17	38	W	1	b	29.17	+53	37	37	-9	SSE	1	c	*	?	36	-		
Cuxhaven	29.18	42	SW	2	b	29.22	+31	41	41	-4	WSW	2	b	*	45	39	-		
Sumburgh Head	29.13	31	N	6	s	29.28	+24	31	30	-1	N	5	b	5	34	28	0.01		
Sternoway	29.30	29	N	3	b	29.38	+22	30	30	-4	NE	3	b	3	35	26	-		
Wick	29.20	34	N	5	c	29.34	+23	31	30	-7	N	3	c	3	38	29	0.04		
Nairn	29.24	32	NE	2	b	29.34	+27	32	32	-2	WSW	1	b	2	35	27	0.17		
Aberdeen	29.18	34	NNW	3	b	29.30	+28	31	30	-4	NNW	3	b	4	40	31	0.04		
Leith	29.21	36	NE	2	o	29.31	+36	29	28	-5	W	1	b	*	39	27	0.03		
Shields	29.14	35	N	3	r	29.25	+22	34	34	-2	N	2	c	4	41	32	0.27		
Spurn Head	29.12	40	W	4	o	29.15	+10	40	38	0	NE	5	c	5	42	35	0.10		
York	29.13	38	NTW	1	o	29.22	+17	34	33	0	N	1	o	*	41	32	0.61		
Nottingham	29.19	35	W	1	b	29.25	+13	33	32	-2	NNW	1	s	*	40	28	0.01		
Ardrossan	29.23	34	ENE	1	o	29.33	+26	23	22	-9	ESE	1	b	1	36	22	0.16		
Mullaghmore	29.23	36	ESE	4	c	29.27	+05	33	32	-3	ESE	5	b	4	40	33	-		
Donaghadee	29.21	35	NNW	4	c	29.28	+18	37	35	+1	ENE	4	b	2	39	34	0.09		
Parsonstown	29.26	34	NTW	1	o	29.23	-00	30	30	-2	ENE	1	a	*	39	29	0.10		
Barrow-in-Furness	29.15	37	N	2	b	29.24	+20	32	30	-5	NE	2	b	2	44	28	-		
Holyhead	29.20	39	NNW	5	cph	29.21	+10	35	35	-5	E	5	c	3	42	?	0.03		
Liverpool (Bidston)	29.17	38	NNW	2	o	29.23	+16	33	33	-4	SW	1	o	1	40	33	0.45		
Valentia	29.43	41	NNW	4	c	29.14	-17	36	32	-6	E	4	b	4	46	32	-		
Roche's Point	29.30	37	NTW	4	b	29.15	-16	30	28	-7	NE	3	b	4	42	28	-		
Pembroke	29.25	41	NNW	4	b	29.14	-04	32	33	-8	NE	3	f	4	43	32	0.11		
Scilly	29.36	45	NNW	5	o	29.00	-27	45	44	-2	ENE	6	ow	6	47	43	-		
Prawle Point	29.35	38	NNW	2	b	29.10	-10	41	41	+4	NE	5	o	4	30	35	0.17		
Hurst Castle	29.26	40	NNW	4	b	29.20	+05	40	38	+3	ESE	2	o	3	45	34	0.01		
Dover	29.23	40	NNW	2	b	29.28	+17	34	33	-6	NNE	2	c	2	46	32	-		
London	29.22	35	W	2	b	29.26	+14	28	28	-7	2	o	f	*	46	25	-		
Oxford	29.27	33	NNW	1	b	29.25	+10	29	28	-6	SE	1	f	*	44	28	-		
Cambridge	29.18	34	W	1	b	29.25	+14	27	27	-8	SW	1	b	*	45	26	-		
Yarmouth	29.16	40	W	1	b	29.25	+17	32	31	-4	WSW	1	b	2	42	30	-		
The Helder	29.14	42	SW	1	c	29.22	+19	42	38	-3	SW	5	o	3	48	39	0.08		
Cape Gris Nez	29.22	43	W	4	b	29.32	+20	39	38	-5	SSW	4	r	2	48	39	-		
Jersey	29.36	44	W	2	cph	29.15	-05	44	44	-2	SSE	5	rw	5	48	40	0.28		
Brest	29.40	47	NNW	1	o	?	?	48	47	+1	?	5	r	5	50	41	0.79		
Lorient	29.43	45	NNW	5	b	?	?	50	47	+4	SSW	7	r	?	50	39	0.32		
Rochefort	29.50	50	NNW	7	b	29.34	+06	46	45	-7	S	8	o	4	?	41	0.24		
Biarritz	29.53	55	NNW	9	r	29.45	+00	51	49	-3	SSW	7	c	5	57	43	0.32		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.38	+22	36	34	-9	SW	3	o	*	47	35	0.28		
Charleville	29.18	45	SSW	4	r	29.46	+10	34	28	-10	SW	4	c	*	34	34	0.55		
Paris	29.24	45	?	4	o	29.37	+18	39	37	-7	SE	1	o	*	*	*	0.35		
Lyons	29.38	48	S	1	o	29.63	+21	?	39	?	NE	?	?	*	55	41	0.32		
Toulon	29.44	48	WSW	7	b	29.34	+01	43	41	-9	W	7	b	7	54	41	-		

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

Hawes Junction	29.92	32	NNW	2	c	29.00	+19	29	28	-3	N	4	b	*	33	28	0.08			
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

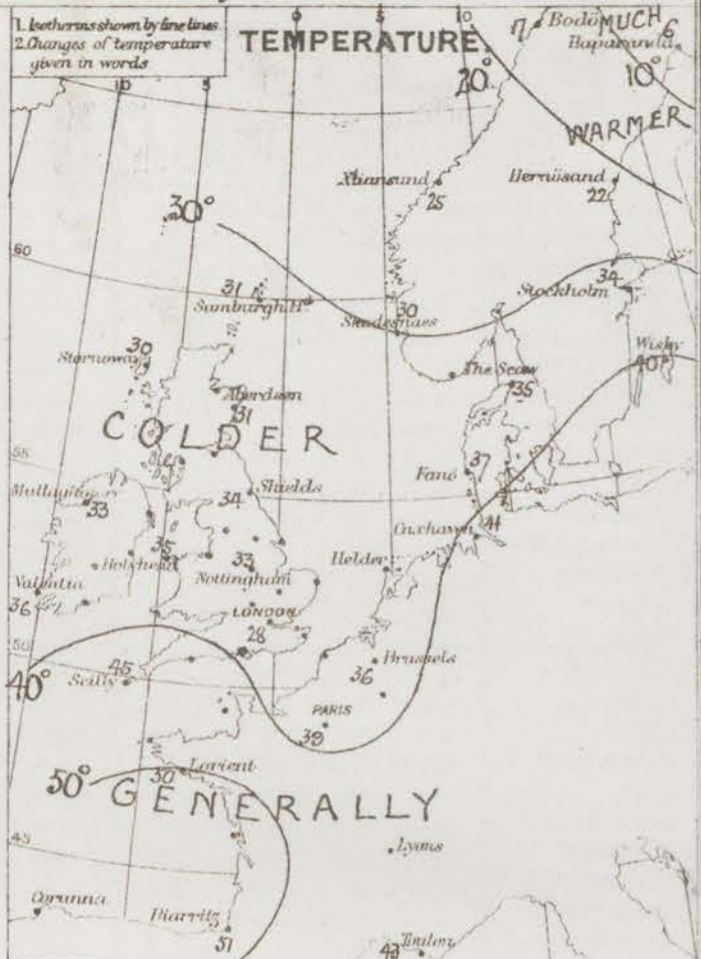
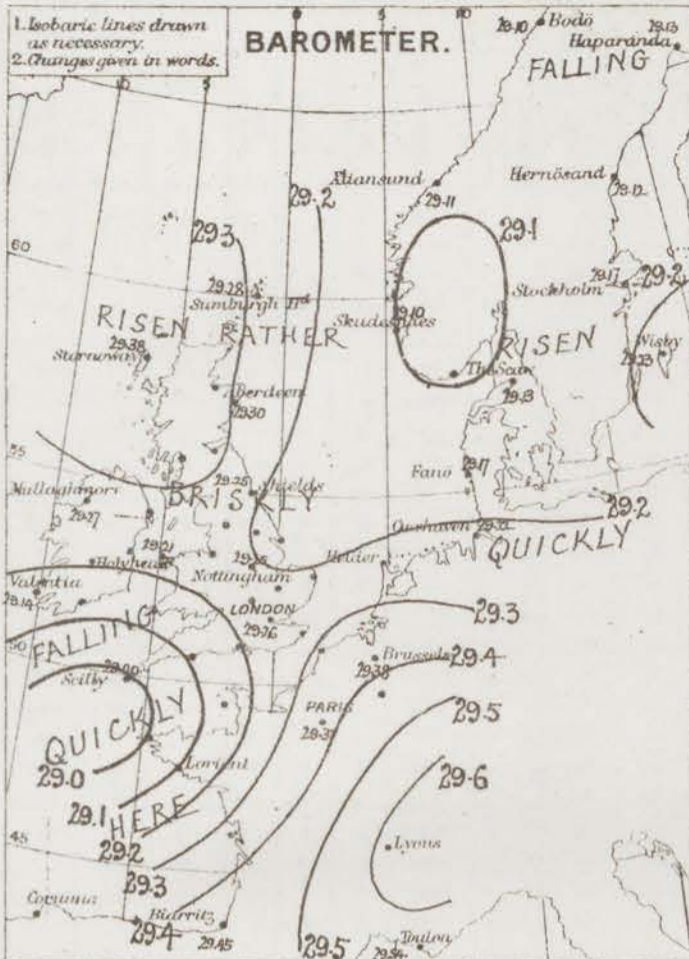
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	28.76	35	32	N	3	o	2	Valentia ...	29.37	45	39	NN	3	b	3
Sumburgh Head	29.07	33	32	N	5	b	6	Scilly ...	29.35	46	44	NNN	5	c	7
Stornoway ...	29.23	35	32	N	4	c	5	Dover ...	29.12	45	42	NNN	1	b	1
Aberdeen ...	29.13	38	35	N	3	b	7	London ...	29.15	43	41	NNN	3	b	*
Shields ...	29.04	36	36	NNN	1	r	5	Yarmouth ...	29.11	42	41	N	2	b	3
Ardrossan ...	29.13	35	34	N	1	s	0	Jersey ...	29.28	47	43	NN	7	r	7
Mullaghmore ...	29.20	38	36	NNN	5	c	5	Rochefort ...	29.34	50	48	NN	7	r	7
Holyhead ...	29.15	40	40	NNN	6	sq	3								

The weather is fine at all the more E. stations, but is cloudy in the W. with snow at Ardrossan and Holyhead. The wind is N to NE and is still fresh in the NW and N. Pressure is increasing.

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 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 18th Nov: 1880.



A dotted line has been drawn round the coast where the signal was up.

REMARKS. The changes in pressure continue very sudden and irregular. A rapid fall of the barometer has occurred in the N. and a well marked depression has appeared at the mouth of the Channel, but over Scandinavia, Denmark and N. and E. districts and the E. of France the mercury is rising. Areas of high pressure lie over Scotland and the S.E. of France. The wind is S. over France, but draws into E. over the S. and W. of England and Ireland, while over Scotland and the E. of England N. breezes are reported. Over the Bay of Biscay the wind blows as gale, and at Scilly it is strong in force, but elsewhere it is light or moderate. Temperature has fallen in nearly all places, and readings range from 45 at Scilly to 27 at Cambridge, and 23 at Aberdeen. The maximum yesterday did not exceed 50° at any station and in the N. of Scotland was below 40°, while the minimum last night was between 25° and 27° at most inland stations of England and Scotland. Sea is rough at the entrance to the Channel, and at several exposed places, moderate on most other coasts. Warmings. The North coast has been visited on our N.W. coast.

Subscription for Duke 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 NOVEMBER. 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	29.33	2	Z	0	bc	29.20	+ .07	0	0	- 6	NN	2	0	*	10	- 6	0.08		
Hernösand	29.25	20	NNE	2	0	29.25	+ .13	13	12	- 9	NNN	2	b	*	25	?	0.04		
Stockholm	29.09	32	WSW	2	s	29.35	+ .12	20	20	- 14	NNN	2	0	*	39	?	0.51		
Wisby	29.08	42	SW	2	r	29.00	+ .07	38	35	- 2	N	2	c	*	46	32	0.08		
Bodö																			
Christiansund	29.29	29	N	5	bc	29.42	+ .31	29	25	+ 4	WSW	6	s	4	?	18	0.08		
† Skudesnaes	29.26	28	NNE	2	b	29.42	+ .32	26	24	- 4	NNN	4	b	2	36	?	-		
Oxö (Xiansund)	29.24	27	N	4	b	29.32	+ .22	22	21	- 10	N	4	b	2	32	21	-		
Skagen (The Skaw)	29.25	35	NNE	3	c	29.26	+ .23	28	26	- 7	NE	5	b	4	37	25	-		
Fanö	29.18	37	E	4	c	29.11	- .06	37	36	0	NE	4	0	*	39	36	0.12		
Cuxhaven	29.39	39	SW	2	bc	29.96	- .26	36	36	- 5	E	5	r	*	41	34	0.26		
† Sumburgh Head	29.27	29	N	5	s	29.62	+ .34	27	26	- 4	N	5	c	5	39	25	-		
† Stornoway	29.41	31	NE	3	c	29.67	+ .29	35	35	+ 5	E	3	c	3	35	25	0.16		
Wick	29.39	33	NNE	3	bc	29.65	+ .31	35	34	+ 4	N	3	c	2	37	29	0.15		
Nairn	29.28	31	WSW	3	c	29.52	+ .25	35	34	+ 3	NE	5	0	4	35	25	0.41		
† Aberdeen	29.33	33	NNN	3	s	29.54	+ .24	35	32	+ 4	NNE	6	h	5	40	30	0.11		
Leith	29.32	36	SW	1	b	29.45	+ .14	40	36	+ 11	NE	4	0	*	40	28	0.17		
† Shields	29.21	36	NNE	3	c	29.39	+ .14	41	38	+ 7	NE	4	c	4	41	33	0.22		
Spurn Head	29.08	43	ENE	6	c	29.24	+ .09	40	39	0	NE	8	0	7	43	37	0.05		
York	29.10	36	NNE	1	b	29.34	+ .12	34	32	0	NNN	2	bc	*	40	30	-		
Nottingham	29.15	38	NNE	3	0	29.23	+ .08	37	34	+ 4	NNN	2	0	*	38	33	0.07		
† Ardrossan	29.29	30	ENE	4	b	29.53	+ .20	32	33	+ 11	NE	2	s	1	35	23	-		
† Mullaghmore	29.27	28	ENE	6	b	29.54	+ .27	36	34	+ 3	ESE	4	b	2	39	30	-		
Donaghadee	29.25	38	ENE	6	b	29.33	+ .22	39	35	+ 2	NE	5	m	3	40	34	-		
Parsonstown	29.21	34	N	2	b	29.59	+ .36	24	24	- 6	N	0	b	*	38	22	-		
Barrow-in-Furness	29.18	35	E	2	b	29.42	+ .18	33	30	+ 1	E	2	b	2	44	30	-		
† Holyhead	29.11	41	ENE	6	c	29.47	+ .26	40	40	+ 5	NNE	5	b	4	43	35	0.03		
Liverpool (Bidston)	29.11	34	NE	3	bc	29.40	+ .17	34	32	+ 1	NNN	3	b	1	37	30	-		
† Valentia	29.19	39	NE	6	c	29.56	+ .42	34	32	- 2	NNE	3	b	3	41	31	-		
Roche's Point	29.12	37	NE	5	bc	29.52	+ .39	35	33	+ 5	NNE	4	b	4	42	29	-		
Pembroke	28.93	37	NNE	4	e	29.38	+ .24	39	37	+ 6	NNE	2	b	2	40	22	-		
† Scilly	28.89	41	NE	10	r	29.38	+ .38	44	43	- 1	ENE	5	c	6	45	39	0.17		
Prawle Point	28.69	34	NNE	9	r	29.37	+ .27	35	35	- 6	N	3	0	4	43	32	1.03		
Hurst Castle	28.71	38	E	8	r	29.30	+ .10	37	37	- 3	N	3	c	4	42	36	0.97		
† Dover	28.85	43	SE	5	0	29.12	- .16	39	38	+ 5	NNN	4	or	4	43	34	1.25		
† London	28.92	37	E	5	or	29.27	+ .21	36	36	+ 8	NN	3	0	*	45	28	0.53		
Oxford	28.90	33	E	4	0	29.30	+ .05	37	35	+ 8	N	2	og	*	37	28	0.32		
Cambridge	29.00	35	NE	2	0	29.23	- .02	38	37	+ 11	NNN	3	r	*	40	26	0.36		
† Yarmouth	29.27	42	ESE	7	r	29.08	- .17	41	40	+ 9	NNE	5	fw	7	42	30	0.27		
The Helder	29.12	40	ESE	2	0	28.80	- .42	40	38	- 2	NE	5	0	3	43	40	-		
Cape Gris Nez	28.91	39	ESE	5	r	29.10	- .22	40	40	+ 1	NNN	8	r	6	48	36	1.98		
† Jersey	28.53	51	SSE	5	0	29.35	+ .20	42	41	- 2	N	2	og	3	41	38	0.70		
Brest	28.83	46	NN	7	0	29.35	+ .28	42	41	- 6	Z	0	0	0	30	41	0.95		
Lorient.																			
† Rochefort	29.06	57	WSW	12	r	29.44	+ .12	52	47	+ 4	W	7	bc	7	57	41	0.59		
Biarritz																			
Corunna	*	*	*	*	*			*							*	*	*		
† Brussels	*	*	*	*	*	28.89	- .49	42	40	+ 6	SW	12	0	*	43	?	-		
Charleville	29.01	42	SE	7	0	29.10	- .36	44	41	+ 10	SW	7	0	*	55	30	0.24		
Paris	28.91	45	?	7	0	29.30	- .07	43	42	+ 4	SW	5	c	*	*	*	0.20		
† Lyons	29.29	49	S	7	0	29.51	- .12	52	48	+ 19	SSW	1	0	*	?	?	-		
Toulon	29.21	53	SW	5	0	29.67	+ .13	52	46	+ 9	SW	3	c	5	47	?	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	27.93	32	NNE	5	bc	28.14	+ .14	24	24	- 5	N	3	b	*	32	23	0.07		

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

Hawes Junction	27.93	32	NNE	5	bc	28.14	+ .14	24	24	- 5	N	3	b	*	32	23	0.07
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

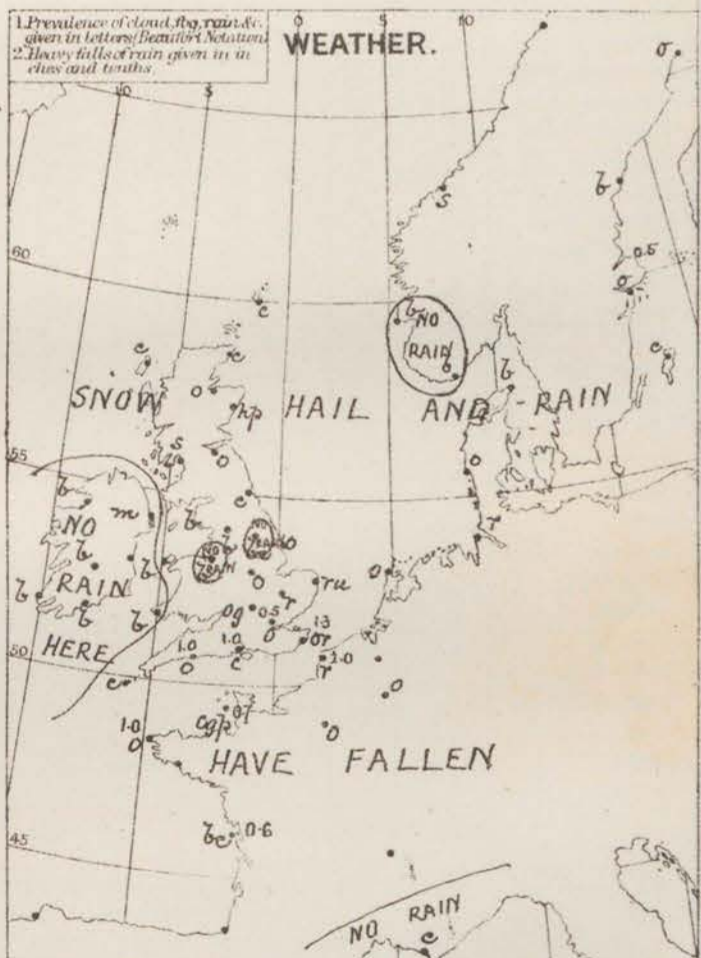
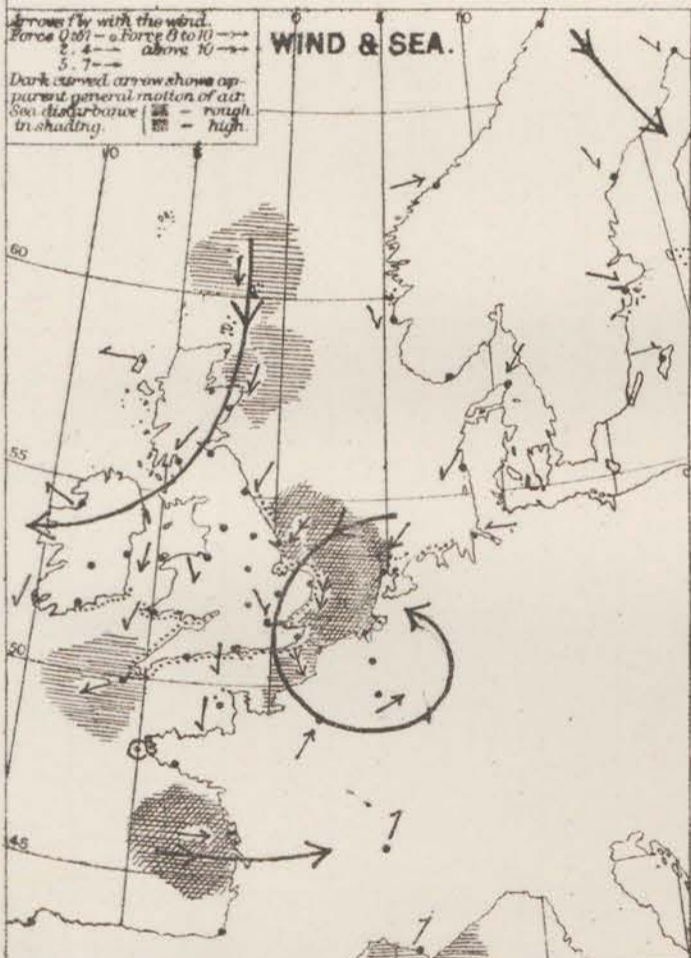
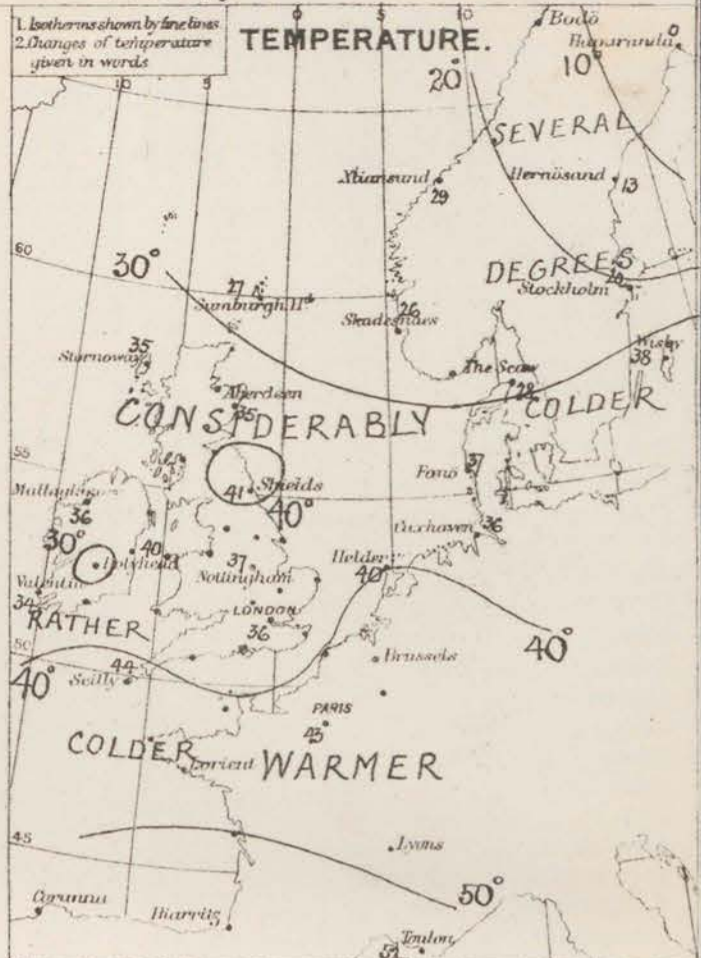
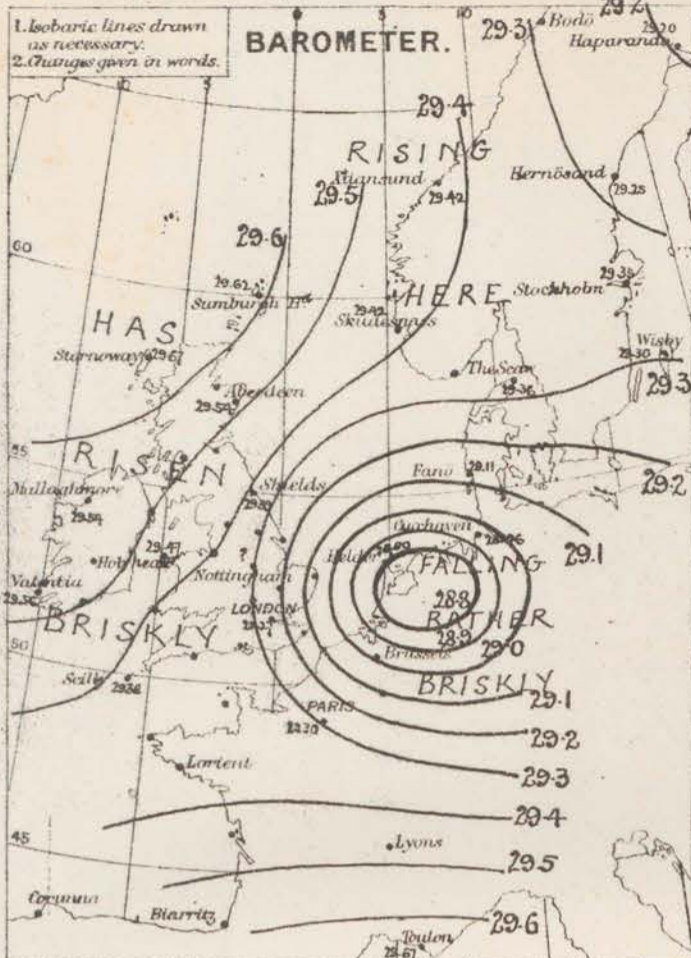
	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	29.19	25	31	NNE	2	b	2	Valentia ...	29.13	37	35	NE	6	c	6
Sumburgh Head ...	29.32	31	29	N	3	bc	4	Scilly ...	28.81	42	43	NE	9	r	6
Stornoway ...	29.38	30	30	NNW	3	b	3	Dover ...	29.17	40	39	SSE	3	or	2
Aberdeen ...	29.31	35	34	N	3	b	3	London ...	29.12	38	36	E	3	ogm	*
Shields ...	29.24	39	37	NNE	3	c	3	Yarmouth ...	29.22	36	35	Z	0	bc	2
Ardrossan ...	29.31	34	31	ENE	3	bc	1	Jersey ...	28.84	47	47	SE	7	rm	6
Mullaghmore ...	29.27	37	35	E	5	b	4	Rochefort ...	29.10	48	46	S	9	r	7
Holyhead ...	29.18	40	39	ENE	4	c	3								

The depression in the SW is growing considerably deeper and appears to be travelling ESE. The wind in S over France, N to NE on our coasts, and at Scilly blow a strong gale. The weather is cloudy & raining in the S., fine 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); 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 19th Nov: 1880.



A dotted line is drawn round the low pressure which the signals and still up

REMARKS. The deep depression which was shown near Sicily yesterday passed slowly during yesterday and last night up the Channel, and is now shown over N. Germany. The morning is falling briskly at Copenhagen, but over the whole of Scandinavia, these islands and the W. of Ireland the morning is rising, the change being brisk in the west. An area of high pressure lies off our NW. coast, and NE. to NE. winds are reported from Scotland and Ireland, while elsewhere the winds are governed by the low pressure in the SE, blowing from N. in the E. of England, from W. over the Bay of Biscay, from SW in the NE of Ireland and from E. over N. Germany. A fresh gale is blowing in the SE, and elsewhere the wind is fresh or light. The weather is fine over Ireland and the W. of England, but is cloudy and unsettled generally with rain in the SE, and sun or hail showers in Scotland. Temperature has risen except on our SW. coast and over Scandinavia, and readings range from 44° at Sicily to 27° at Sumburgh Head. Sea is rough at Sicily and in the N. of Scotland, light off our E. coast and at Rochefort. **Warnings.** The N. Gale was hoisted on our SW. S. and E. coasts.

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

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

DAILY WEATHER REPORT

20TH NOV^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	29.38	7	2	0	b	29.59	+ 39	-13	-13	2	0	b	*	5	-13	-			
Hernösand	29.58	12	2	0	b	29.69	+ 44	2	1	2	0	b	*	21	?	-			
Stockholm	29.47	21	N	4	s	29.62	+ 27	21	20	N	6	o	*	32	18	0.04			
Wisby	29.21	36	ENE	2	+	29.46	+ 16	31	30	NNE	8	s	*	41	30	0.47			
Bodö	29.35	24	E	2	o	29.51		26	22	W	6	c	4	28	19	-			
Christiansund	29.66	27	NNW	6	c	29.83	+ 41	28	28	WSW	4	s	5	?	19	-			
† Skudesnaes	29.77	28	NNE	2	b	30.03	+ 61	26	25	2	0	f	2	32	?	-			
Oxö (Xiansund)	29.63	25	NNW	4	b	29.99	+ 67	24	22	NNW	4	b	2	27	21	-			
Skagen (The Skaw)	29.56	30	NNE	9	b	29.93	+ 57	31	30	N	4	b	5	32	25	-			
Fanö	29.62	29	NNE	6	b	30.06	+ 45	28	27	N	1	b	*	37	28	0.04			
Cuxhaven	29.27	37	N	9	bc	30.04	+ 108	34	33	NNE	4	b	*	37	30	0.30			
† Sumburgh Head	29.21	27	N	3	c	30.06	+ 44	39	36	W	4	o	3	39	25	0.02			
† Stornoway	29.96	31	N	4	s	30.19	+ 32	25	25	SW	4	b	8	35	20	0.10			
Wick	29.92	26	N	3	bc	30.20	+ 55	31	30	W	2	b	2	36	20	-			
Nairn	29.94	30	2	0	b	30.22	+ 63	20	20	2	0	b	2	35	18	-			
† Aberdeen	29.98	32	N	3	bc	30.24	+ 70	23	23	W	1	bc	3	36	23	0.01			
Leith	29.90	35	NE	1	bc	30.27	+ 82	25	24	W	1	bc	*	40	23	-			
† Shields	29.80	40	NE	5	bc	30.24	+ 85	30	29	NNW	2	s	5	42	28	0.12			
Spurn Head	29.71	40	NE	6	bc	30.16	+ 92	40	35	NE	5	bc	5	42	37	0.01			
York	29.77	35	N	1	b	30.22	+ 88	26	26	NNW	1	b	*	41	26	0.03			
Nottingham	29.80	33	N	1	b	30.21	+ 88	31	30	N	2	bc	*	40	29	-			
† Ardrossan	29.93	30	NE	1	b	30.29	+ 76	22	21	ESE	2	bc	1	37	21	-			
† Mullaghmore	29.85	40	ENE	5	b	30.22	+ 68	34	32	ESE	4	b	3	43	32	0.04			
Donaghadee	29.87	39	ENE	6	b	30.25	+ 75	37	35	E	3	b	1	41	36	-			
Parsonstown	29.85	32	NE	1	c	30.25	+ 66	30	?	2	0	b	*	38	22	-			
Barrow-in-Furness	29.83	34	NE	2	b	30.21	+ 79	28	27	NE	2	b	2	44	27	-			
† Holyhead	29.79	38	NE	3	b	30.23	+ 76	33	33	E	2	b	2	41	32	0.01			
Liverpool (Bidston)	29.79	34	NNE	2	b	30.22	+ 82	29	28	NE	1	m	1	37	27	-			
† Valentia	29.86	39	ENE	2	b	30.18	+ 62	30	29	ENE	1	b	1	42	28	-			
Roche's Point	29.82	36	NNE	4	b	30.17	+ 65	37	36	SW	2	c	4	42	30	0.03			
Pembroke	29.71	39	NE	3	b	30.16	+ 78	34	32	ENE	3	bc	2	44	32	-			
† Scilly	29.66	45	ENE	6	c	30.11	+ 73	42	39	ENE	5	c	5	46	39	-			
Prawle Point	29.67	37	N	3	bc	30.09	+ 72	32	31	NNE	5	b	4	43	31	-			
Hurst Castle	29.60	38	ENE	3	b	30.08	+ 78	32	32	NE	4	b	4	47	32	-			
† Dover	29.61	40	NNE	3	bc	30.01	+ 89	36	35	ENE	5	bc	4	43	36	0.26			
† London	29.69	39	NNW	3	bc	30.09	+ 82	33	31	NE	3	b	*	42	32	-			
Oxford	29.80	34	NNE	2	b	30.14	+ 84	28	?	N	1	b	*	43	?	-			
Cambridge	29.72	35	NNW	2	b	30.14	+ 91	31	30	N	1	b	*	42	29	0.03			
† Yarmouth	29.66	41	NNW	6	b	30.08	+ 100	40	36	NE	5	bc	5	44	37	0.02			
The Helder																			
Cape Gris Nez	29.62	41	NNE	8	+	29.97	+ 87	37	35	E	5	+	2	45	34	0.32			
† Jersey	29.62	43	E	3	bc	30.03	+ 68	43	40	NE	4	bc	4	46	41	0.04			
Brest	29.84	43	E	5	a	30.00	+ 68	39	37	E	3	bc	5	46	37	0.08			
Lorient	29.45	43	E	7	+	29.95	+ 51	43	40	NNE	6	bc	5	52	41	0.71			
† Rochefort	29.60	51	WYN	8	+	29.89	+ 43	45	42	NNE	7	o	4	57	39	0.67			
Biarritz																			
Corunna	*	*	*	*	*									*	*	*			
Brussels	*	*	*	*	*	30.00	+ 111	33	31	ENE	5	c	*	49	33	0.35			
Charleville	29.59	41	WYN	3	o	29.84	+ 74	36	32	ENE	7	s	*	48	36	0.04			
Paris	29.62	43	?	3	b	29.84	+ 54	40	38	NE	4	+	*	*	*	0.12			
Lyons	29.73	51	S	1	b	29.86	+ 35	43	41	SSE	1	bc	*	59	37	0.08			
Toulon																			

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

Hawes Junction	29.24	27	2	0	b	29.94	+ 80	23	23	-1	N	1	b	*	33	22	0.07
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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 ...	29.60	31	26	N	5	b	2	Valentia ...	29.69	42	37	NE	5	b	5
Sumburgh Head	29.76	29	26	N	3	c	4	Scilly ...	29.51	45	44	NE	6	c	6
Stornoway ...	29.81	32	31	E NE	2	c	3	Dover ...	29.87	42	40	N	4	cp	3
Aberdeen ...	29.70	35	30	N	3	b	5	London ...	29.47	43	41	NN	2	cm	*
Shields ...	29.61	40	37	NE	5	c	4	Yarmouth ...	29.86	44	41	N	6	oeg	6
Ardrossan ...	29.69	37	35	NE	3	cm	2	Jersey ...	29.60	43	42	NE	3	cg	3
Mullaghmore ...	29.70	34	35	NE	4	b	2	Rochefort ...	29.84	55	51	W N W	9	r	7
Holyhead ...	29.61	41	41	NE	4	c	4								

The depression is still moving away to the End, the barometer is rising in our Islands, the weather improving and wind falling from the NE^W.

EXPLANATION OF COLUMNS.

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

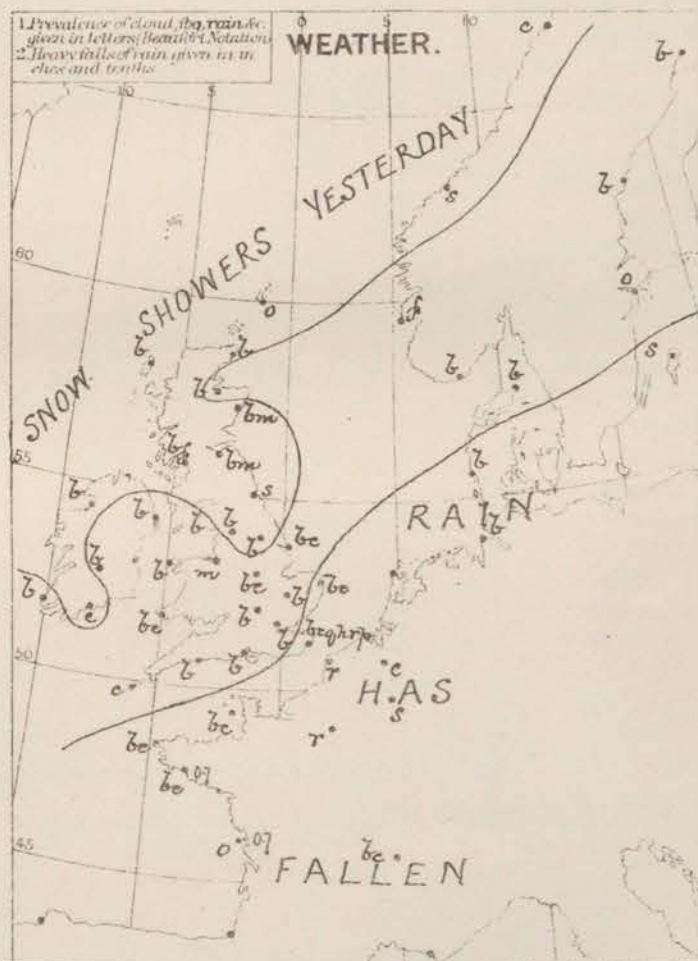
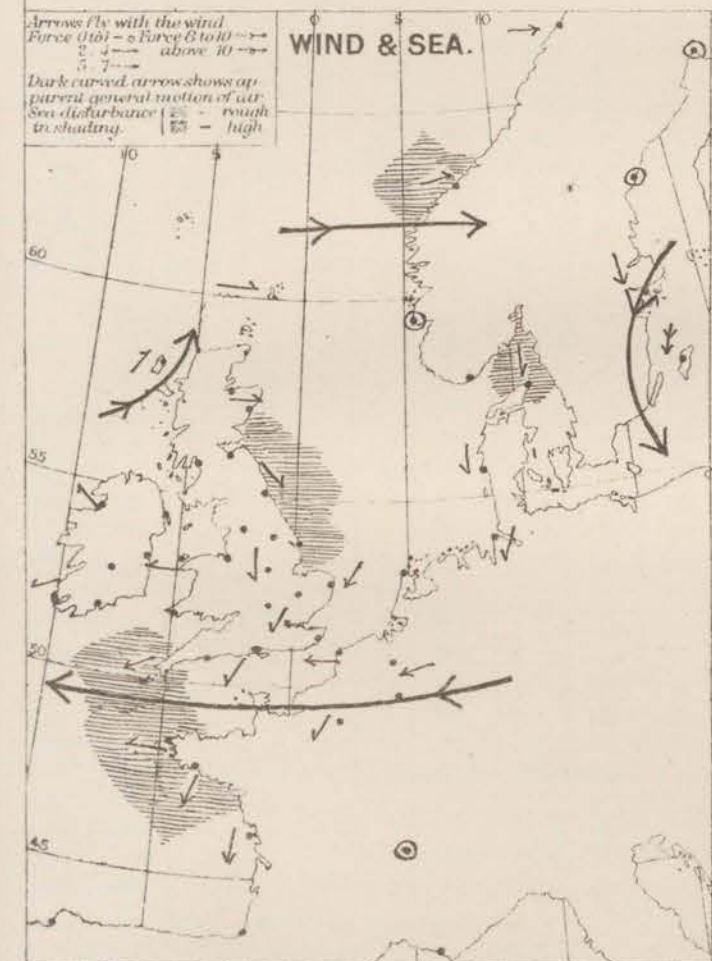
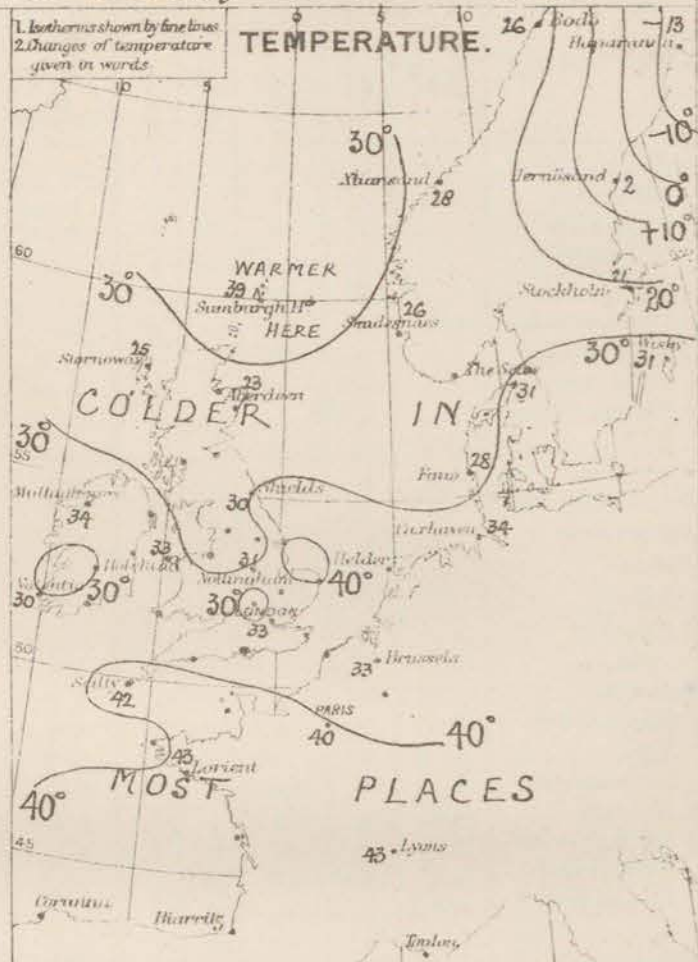
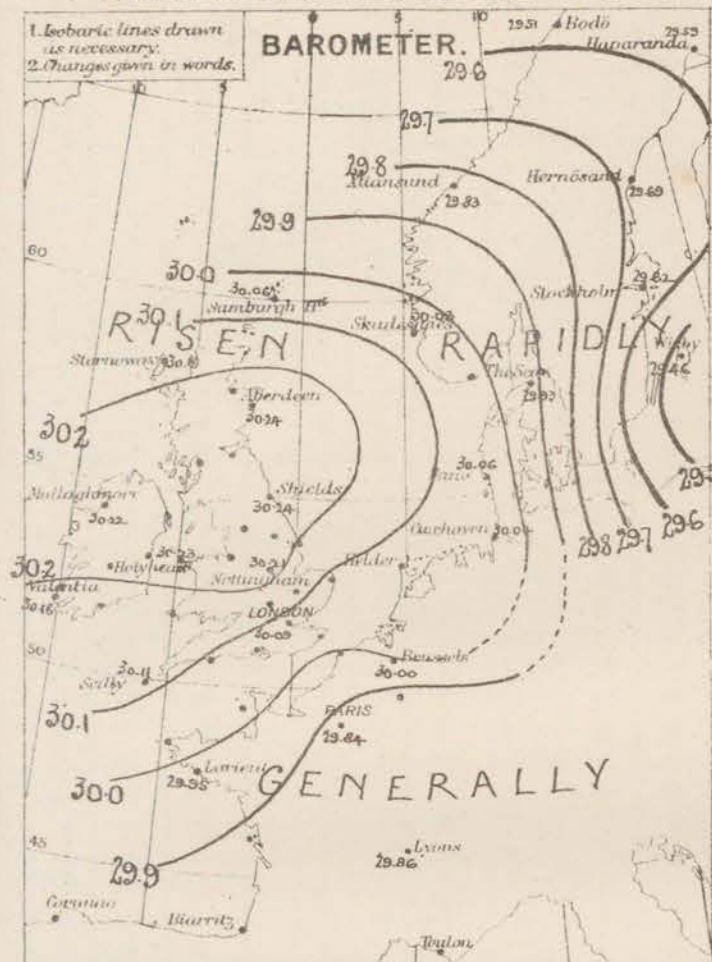
* AN ASTERISK is inserted in all places for which information is not usually received.

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

WEATHER CHARTS for 8 a.m. on Saturday 20th Nov. 1880.



REMARKS. Weather is fine and bright over nearly the whole of these Islands as well as in the W. of France, and on the E. shores of the North Sea, while in the Netherlands, at Shields, and over a large part of Scandinavia the sky is overcast with rain and snow showers. Slight showers have occurred in the E. and W. The winds blow from W in the N. of Scotland and the W. of Norway, N. over the North Sea, and NE. to E. over England, Ireland and France. It is moderate on most of our coasts, but blows freshly over France and the Channel, and in the Baltic. Temperature has fallen in nearly all parts of N. Europe, the change in parts of Scotland and Sweden amounting to over 10°. Sharp frost prevails at most inland and N. stations, and readings range from 45° at Seilly to 20° at Paris. The deep depression which over N. Germany has passed on NE. and disappeared over the Baltic, and a rapid increase of pressure has occurred over the whole of N. Europe, the change at Yarmouth reaching 10 inches. A large area of high readings has been formed in the N. The sea is rough in the E. and at Seilly.

DAILY WEATHER REPORT

21st NOVEMBER

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.			Max.	Min.	Amount of Rainfall.
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.61	2	W	2	b	29.65	+ .04	12	12	+ 2.6	W	2	0	?	-15	—	—	—	
Hernösand	29.94	13	2	0	c	29.97	+ .03	28	27	+ 2.6	S	2	0	?	-5	—	—	—	
Stockholm	30.09	18	WNN	2	b	30.23	+ .14	23	22	+ 2	WNN	2	0	27	18	—	—	—	
Wisby	30.03	33	N	10	b	30.28	+ .25	25	23	+ 4	WNN	6	0	?	25	—	—	—	
Bodö	29.62	30	W	6	o	29.45	— .17	27	26	+ 1	E	2	0	30	21	—	—	—	
Christiansund	29.91	36	WNN	9	o	30.07	+ .16	40	37	+ 12	WNN	9	0	?	25	0.24	—	—	
† Skudesnaes	30.25	30	2	0	c	30.43	+ .18	36	35	+ 10	E	4	0	?	27	—	—	—	
Oxö (Xiansund)	30.19	27	W	2	b	30.42	+ .23	27	27	+ 8	WNN	2	0	27	27	—	—	—	
Skagen (The Skaw)	30.21	30	W	3	c	30.40	+ .19	30	30	+ 1	WNN	3	0	34	25	—	—	—	
Fanö	30.35	36	W	1	c	30.49	+ .14	33	33	+ 5	W	1	0	26	28	—	—	—	
Cuxhaven	30.33	32	E	1	b	30.54	+ .21	28	28	— 6	SSE	1	0	34	25	—	—	—	
† Sumburgh Head	30.21	40	W	4	o	30.26	+ .05	29	36	0	SW	4	0	41	36	—	—	—	
† Stornoway	30.24	33	SW	3	b	30.7	— .02	40	37	+ 15	SW	8	0	40	25	0.13	—	—	
Wick	30.33	31	? W	2	b	30.32	+ .01	37	34	+ 3	SW	2	0	37	26	—	—	—	
Nairn	30.30	26	WNN	2	b	30.31	+ .01	35	33	+ 2	WNN	3	0	35	24	—	—	—	
† Aberdeen	30.38	22	WNN	1	b	30.42	+ .04	24	23	+ 1	SW	1	0	30	15	—	—	—	
Leith	30.40	25	W	1	f	30.43	+ .03	32	28	+ 7	SW	1	0	35	21	—	—	—	
† Shields	30.42	32	WNN	1	b	30.38	+ .04	20	28	— 10	W	5	0	34	20	0.04	—	—	
Spurn Head	30.38	35	N	4	0	30.48	+ .10	38	36	— 2	N	2	0	44	30	0.06	—	—	
York	30.40	31	N	1	b	30.32	+ .08	19	19	— 7	N	1	0	39	19	—	—	—	
Nottingham	30.44	31	NNW	1	b	30.49	+ .05	23	22	— 1	2	0	0	40	21	—	—	—	
† Ardrossan	30.44	29	ENE	1	b	30.42	+ .02	20	28	+ 8	E	2	0	35	22	—	—	—	
† Mullaghmore	30.32	38	SE	3	b	30.23	+ .09	40	37	+ 3	SE	7	0	41	30	—	—	—	
Donaghadee	30.40	34	NE	3	b	30.29	+ .11	38	33	+ 5	SW	3	0	43	28	—	—	—	
Parsonstown	30.38	32	2	0	b	30.30	+ .08	35	33	+ 2	SE	3	0	41	27	—	—	—	
Barrow-in-Furness	30.41	38	NE	2	b	30.46	+ .05	29	28	+ 1	NE	2	0	45	28	—	—	—	
† Holyhead	30.41	35	E	1	b	30.43	+ .02	31	30	— 2	SE	2	0	40	29	—	—	—	
Liverpool (Bidston)	30.43	35	ENE	1	m	30.48	+ .05	26	26	— 3	ESE	1	0	37	26	—	—	—	
† Valentia	30.32	38	ESE	1	b	30.18	+ .14	44	39	+ 5	SE	6	0	46	29	—	—	—	
Roche's Point	30.34	41	SSE	4	0	30.25	+ .09	43	40	+ 3	S	6	0	45	35	—	—	—	
Pembroke	30.35	38	ENE	2	b	30.37	+ .02	39	37	+ 2	ESE	4	0	41	33	—	—	—	
† Scilly	30.31	41	ENE	5	0	30.24	+ .07	45	41	+ 4	SSE	6	0	45	38	0.45	—	—	
Prawle Point	30.32	39	NNE	5	0	30.39	+ .07	38	37	+ 1	NE	3	0	43	32	0.06	—	—	
Hurst Castle	30.33	37	E	4	b	30.42	+ .09	32	31	— 1	ENE	3	0	41	31	—	—	—	
† Dover	30.31	38	NE	4	b	30.42	+ .11	36	32	— 4	E	4	0	41	32	0.28	—	—	
† London	30.36	30	2	0	b	30.45	+ .09	28	?	— 5	NE	1	0	40	28	—	—	—	
Oxford	30.44	32	NE	2	b	30.48	+ .04	27	27	— 1	2	0	0	42	26	—	—	—	
Cambridge	30.37	30	N	1	b	30.44	+ .07	27	27	— 4	NN	1	0	47	24	—	—	—	
† Yarmouth	30.38	40	NE	3	0	30.45	+ .07	39	37	— 2	NE	3	0	42	36	0.03	—	—	
The Helder	30.36	36	NE	1	b	30.48	+ .12	28	27	— 1	ENE	1	0	39	28	—	—	—	
Cape Gris Nez	30.33	34	ENE	3	b	30.43	+ .10	28	28	— 6	ESE	4	0	46	28	—	—	—	
† Jersey	30.28	41	ENE	4	b	30.40	+ .12	36	32	— 4	ENE	3	0	45	34	—	—	—	
Brest	30.28	39	E	2	b	30.34	+ .06	33	30	— 3	E	4	0	48	30	—	—	—	
Lorient	30.29	42	E	5	b	30.30	+ .09	31	28	— 3	E	7	0	46	28	—	—	—	
† Rochefort	30.09	45	ENE	5	0	30.21	+ .08	30	28	— 2	NE	8	0	57	23	—	—	—	
Biarritz	30.04	52	? NE	5	0	30.12	+ .08	44	42	— 2	NNE	5	0	61	39	0.12	—	—	
Corunna	30.21	32	W	1	b	30.21	+ .00	42	42	— 7	SW	1	0	35	25	—	—	—	
Brussels	30.35	30	ESE	4	b	30.40	+ .05	26	25	— 1	NE	3	0	39	25	0.04	—	—	
Charleville	30.35	30	ESE	4	b	30.40	+ .05	26	24	— 2	NE	4	0	39	25	0.04	—	—	
Paris	30.24	25	N	7	b	30.34	+ .10	28	28	— 12	N	5	0	37	32	—	—	—	
Lyons	30.10	43	NNE	1	o	30.16	+ .06	37	32	— 5	N	1	0	37	32	—	—	—	
Toulon	29.99	53	2	0	b	29.76	+ .23	50	50	— 24	E	8	0	55	50	0.08	—	—	

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

Hawes Junction	29.74	22	2	0	b	29.72	+ .02	20	20	— 2	2	0	0	31	18	—	—	—
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

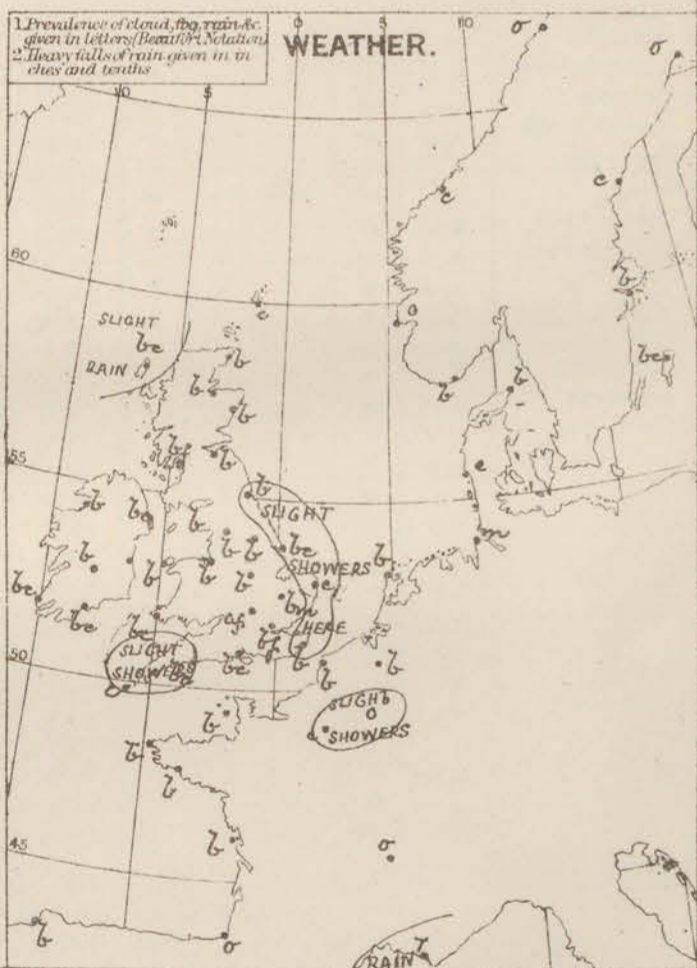
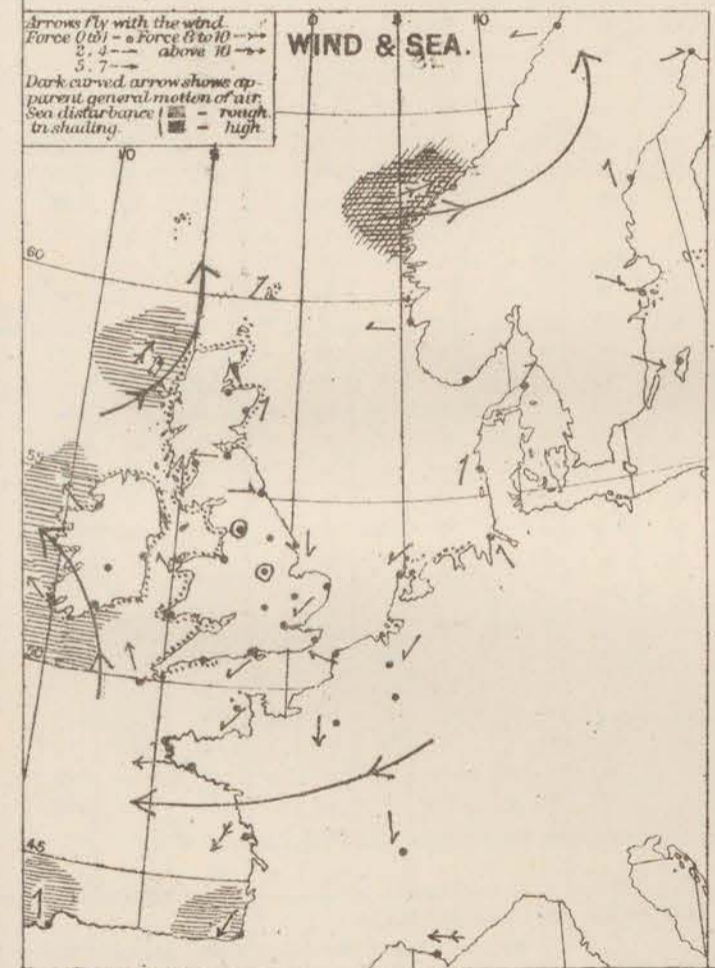
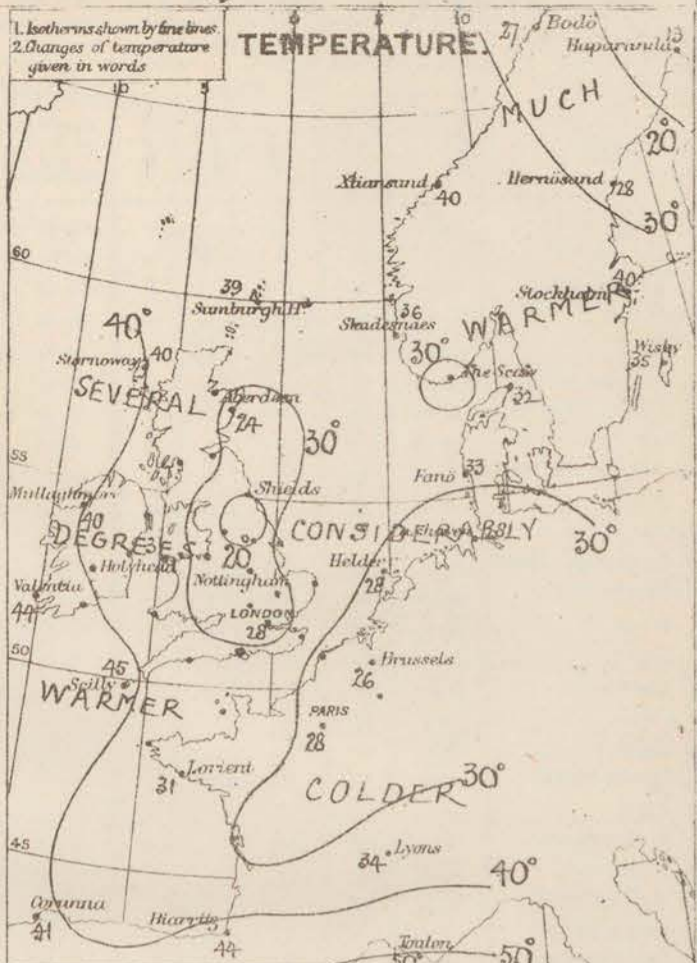
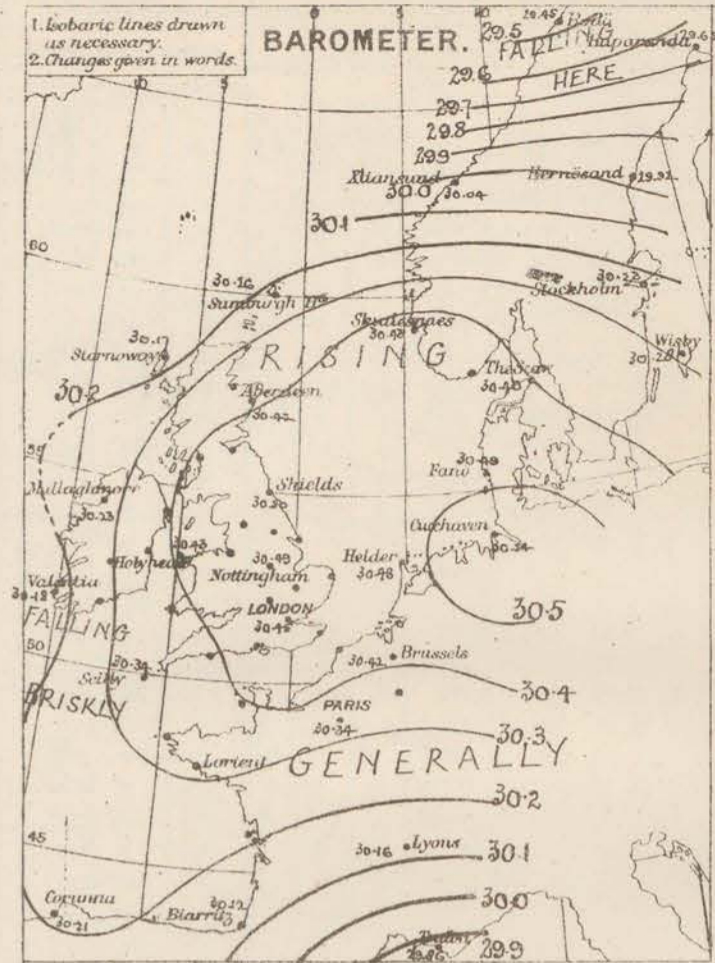
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.11	32	32	?	4	3	Valentia ...	30.27	44	40	E	2	0	3	
Sumburgh Head	30.14	40	39	WSW	4	0	3	Scilly ...	30.23	44	39	ENE	6	0	5
Stornoway ...	30.25	34	30	WSW	3	0	3	Dover ...	30.7	44	36	E	5	0	4
Aberdeen ...	30.32	30	28	W	1	bm	2	London	30.24	40	37	NE	1	0	1
Shields ...	30.33	32	31	W	1	c	3	Yarmouth ...	30.22	42	38	NE	4	0	5
Ardrossan ...	30.34	33	32	ENE	1	bf	0	Jersey ...	30.17	43	40	NE	4	0	3
Mullaghmore ...	30.30	39	36	ESE	4	0	3	Rochefort ...	30.02	47	44	NNE	5	0	2
Holyhead ...	30.32	39	36	E	3	0	2								

Pressure is increasing everywhere. The general distribution is, however, unchanged and the wind and weather the same as those of this 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 (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 Sunday 21st Nov^r 1880.



A dotted line has been drawn round the coast upon which the signals are now up—

REMARKS. Barometrical pressure has increased and become high over England, the Irish Sea and N. Norway, but has given way briskly over our W^{co} coasts, where gradients are steepening for Sth winds. The wind in Ireland is rising from the SEth and already blows strongly at the more exposed stations. Over England calms and variable breezes are reported, while over the W. of France it is strong from the Eth. Temperature has risen quickly at the W^{co} stations, but over England and France a considerable fall has occurred, and the weather is 16° colder at York than at Sicily and Valencia, and 21° colder than at St. Norway. Light showers of hail and snow have fallen in a few places, but the weather is at present generally fine, with local fogs. The sea is high at St. Norway and Christiania, rough along our W^{co} coasts, little disturbed elsewhere.

Hannings. The South Line has been hoisted on our Wth and Nth coasts. I

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

22nd NOVEMBER.

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 55° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Reading at 55° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.			Dir.	Force. (0 to 12).		Max.
Haparanda	29.68	17	Z	0	c	29.95	+ .30	21	19	+ 8	NT	2	0	*	21	10	0.12
Hernösand	30.05	35	E	2	c	30.21	+ .29	32	32	+ 4	ST	2	0	*	41	10	—
Stockholm	30.42	27	ST	6	b	30.45	+ .22	26	26	— .3	W	2	0	*	32	18	—
Wisby	30.42	36	W	2	b	30.41	+ .13	31	31	— 4	WST	2	0	*	37	25	—
Bodö	29.62	30	E	2	c	30.03	+ .58	27	26	— 0	E	2	c	1	30	21	—
Christiansund	30.21	41	WST	9	c	30.25	+ .21	39	37	— 1	ST	6	0	6	41	30	0.08
† Skudesnaes	30.45	37	ESE	4	b	30.25	— .15	35	30	— 1	ENE	2	0	3	39	?	—
(X) X (X) X	30.47	27	NNW	4	b	30.30	— .12	34	32	+ 7	N	4	0	4	?	20	—
Skagen (The Skaw)	30.49	34	WST	3	o	30.33	— .07	32	32	— 0	ESE	4	0	4	39	27	—
Fanö	30.41	28	E	4	c	30.01	— .48	35	33	+ 2	E	6	0	*	37	28	—
Cuxhaven	30.44	35	E	6	c	29.94	— .60	33	30	+ 5	ESE	5	0	*	?	27	—
† Sumburgh Head	30.25	40	ST	5	b	30.13	— .13	39	36	— 0	SSE	4	0	4	40	36	—
† Stornoway	30.08	41	S	9	b	29.93	— .24	38	36	— 2	S	6	0	6	42	36	—
Wick	30.24	35	S	4	b	30.02	— .30	41	39	+ 4	SE	6	0	4	41	35	0.04
Nairn	30.24	24	ST	2	b	30.02	— .29	29	19	— 10	W	1	0	1	37	20	—
† Aberdeen	30.35	32	ST	1	b	30.02	— .40	39	36	+ 15	SSE	4	0	3	41	28	0.08
Leith	30.31	29	Z	0	b	30.00	— .40	27	26	— 5	Z	0	0	*	38	22	—
† Shields	30.35	30	Z	0	m	29.98	— .52	27	27	+ 7	NT	2	0	3	36	20	0.15
Spurn Head	30.31	39	SE	4	b	29.91	— .57	36	36	— 2	NNW	4	0	4	44	35	0.14
York	30.33	29	N	1	b	29.96	— .56	27	27	+ 8	NNW	1	0	*	34	19	0.01
Nottingham	30.32	35	N	1	s	29.96	— .59	22	21	— 1	NNW	1	0	*	35	21	0.01
† Ardrossan	30.29	30	SE	3	b	29.97	— .45	26	25	— 4	ENE	2	0	1	38	25	—
† Mullaghmore	30.06	40	SE	7	c	29.77	— .46	38	35	— 2	ESE	7	0	5	42	35	—
Donaghadee	30.23	38	S	3	b	29.92	— .47	38	35	— 0	S	4	0	2	43	36	—
Parsonstown	30.12	37	SE	3	b	29.80	— .50	36	34	+ 1	SE	8	0	*	40	34	—
Barrow-in-Furness	30.36	35	NE	1	b	30.02	— .44	27	26	— 2	NE	1	0	1	40	26	—
† Holyhead	30.28	35	SSE	2	b	29.96	— .47	30	29	— 1	S	2	0	1	38	29	—
Liverpool (Bilston)	30.31	34	ESE	1	b	29.98	— .50	22	22	— 4	SE	1	0	1	35	22	0.02
† Valentia	29.94	46	SE	7	rw	29.61	— .57	44	44	+ 1	SE	8	0	7	48	42	0.29
Roche's Point	30.08	42	S	7	b	29.74	— .54	44	43	+ 1	S	8	0	6	46	39	0.38
Pembroke	30.22	37	ESE	4	b	29.92	— .45	37	35	— 2	ESE	4	0	4	40	34	—
† Scilly	30.19	45	SSE	6	cu	29.87	— .47	43	41	— 2	SSE	6	0	5	47	39	0.08
Prawle Point	30.24	38	NE	4	b	29.96	— .43	37	35	— 1	E	3	0	4	43	30	—
Hurst Castle	30.25	32	ENE	4	b	29.98	— .44	27	26	— 5	ENE	3	0	2	39	25	—
† Dover	30.22	36	E	5	b	29.93	— .49	24	23	— 2	E	3	0	1	37	33	0.02
† London	30.26	34	NNE	1	b	29.98	— .46	26	25	— 2	ST	1	0	*	39	26	—
Oxford	30.26	32	NE	1	o	30.00	— .48	22	21	— 5	NT	1	0	*	34	21	—
Cambridge	30.30	31	NT	1	o	29.96	— .48	24	24	— 3	N	1	0	*	38	22	—
† Yarmouth	30.28	38	ENE	5	b	29.89	— .46	32	32	— 6	NNW	2	0	4	40	31	0.05
The Helder	30.25	31	ENE	5	o	29.87	— .41	30	30	+ 2	E	1	0	1	34	28	0.12
Cape Gris Nez	30.20	31	?	5	b	29.95	— .48	32	32	+ 4	ST	4	0	2	36	28	—
† Jersey	30.24	36	NE	3	b	30.01	— .39	34	32	— 2	SSE	2	0	3	40	33	—
Brest	30.21	33	E	1	b	29.98	— .36	34	29	+ 1	SE	4	0	3	41	32	—
Lorient	30.17	35	ENE	5	b	29.93	— .37	32	30	+ 1	E	5	0	3	39	28	—
† Rochefort	30.11	30	NE	7	o	30.03	— .18	30	27	— 0	E	7	0	2	37	25	—
Biarritz	30.10	45	NNE	5	c	29.99	— .13	30	29	— 14	ESE	5	0	4	34	28	—
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.93	— .49	30	30	+ 4	NNW	1	0	*	31	?	0.08
Charleville	30.26	31	NE	4	o	29.93	— .37	29	27	+ 3	ST	3	0	*	34	?	0.08
Paris	30.14	32	?	5	o	30.03	— .31	31	29	+ 3	W	4	0	*	*	*	—
Lyons	29.94	32	NT	1	2	30.16	— .00	30	30	— 4	NNW	1	0	*	35	30	0.05
Toulon	29.81	44	S	8	o	29.98	+ .12	37	35	— 13	NT	7	0	5	45	34	1.08
HIGH LEVEL STATION: Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	29.07	23	Z	0	b	29.69	+ .40	23	23	+ 3	E	1	0	0	31	19	0.06

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.47	39	37	ST	2	o	3	Valentia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.16	35	32	ENE	8
Holyhead													4

EXPLANATION OF COLUMNS.

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

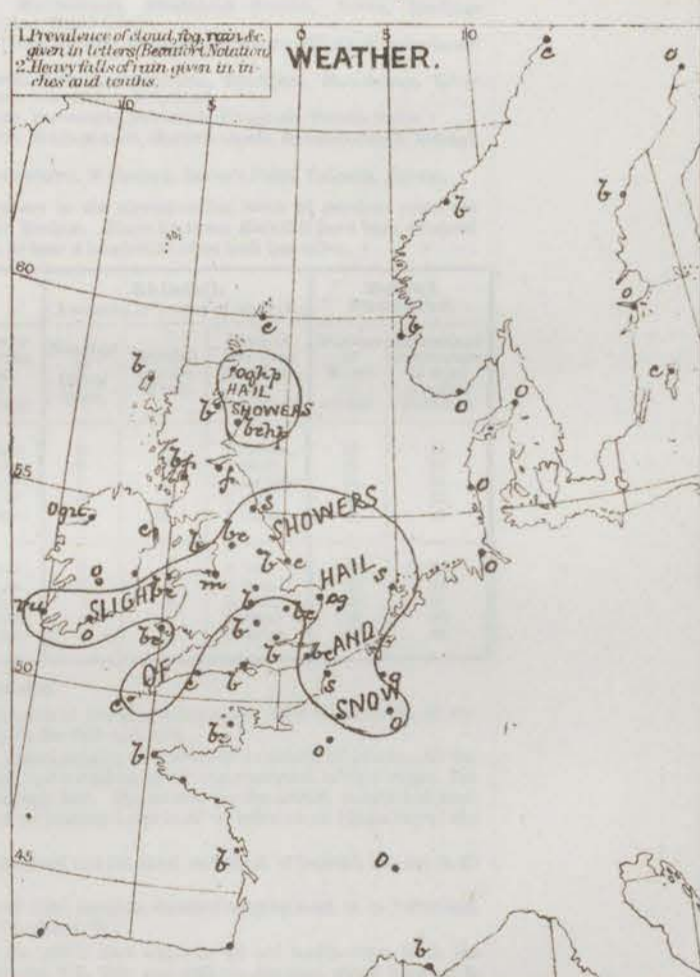
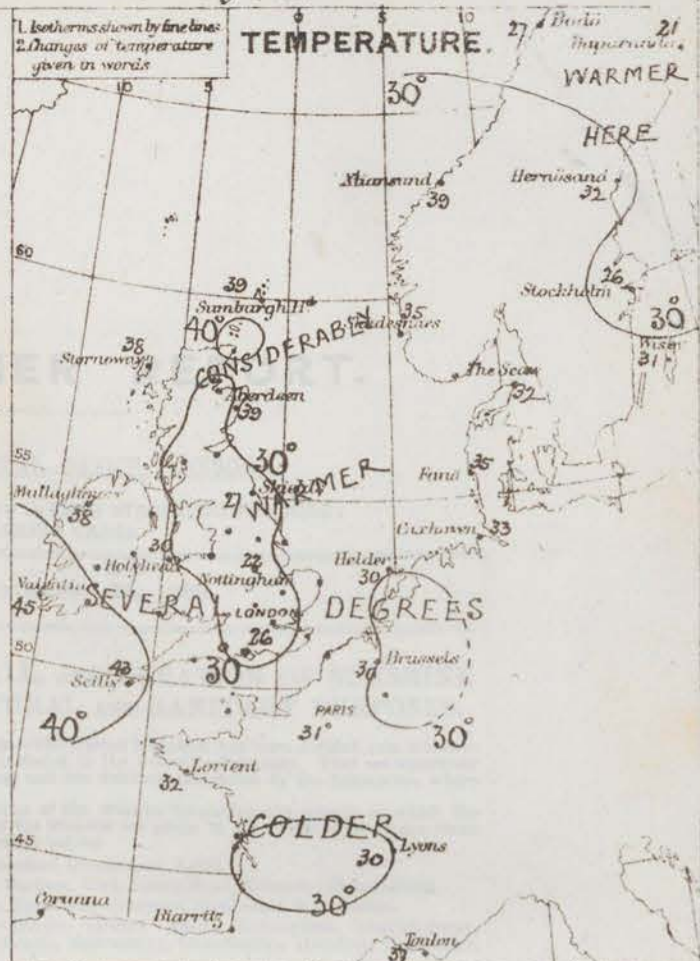
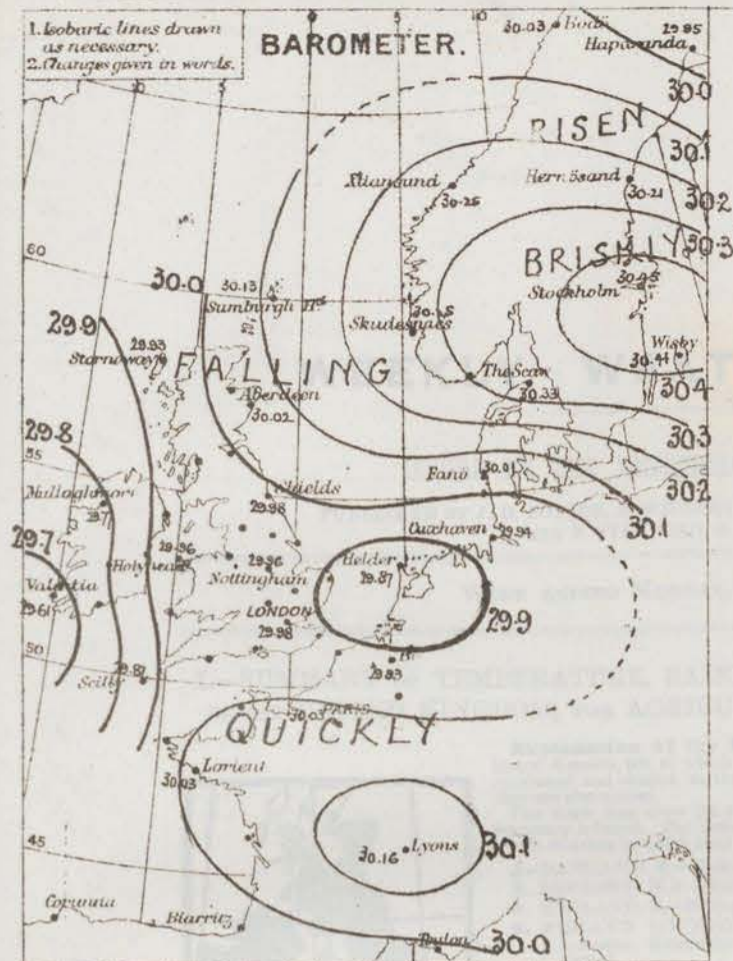
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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 22nd Nov^r 1880.



Updated line has been drawn, and the coast of the British Isles is still in.

REMARKS. The barometric depression which began to show itself yesterday off the extreme N. of Ireland has not advanced much in an E. direction, but is apparently growing deeper, so that rather steep gradients for S.E. and S. winds have already been formed over Ireland, and are spreading gradually towards Scotland and the N. of England. In Norway and Sweden, however, and in the S. of France pressure is relatively high. Temperature remains very low over England, but is rising fast at several of the Scotch stations; Belfast (32°) is 23° colder than Valentia. S.E. and S. gales have now set in over Ireland, accompanied by dark weather and some rain. In Scotland and St. George's Channel the wind is inclined to increase from the same quarter, and hail showers prevail locally. But over England generally variable light breezes are still reported, with dry frosty weather, and local fogs. The sea is high in the extreme N. smooth at Holyhead and Dover. Warnings. The South Sea was disturbed on our W. & N. coast yesterday morning.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 23rd NOV^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.			
			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.	Amount of Rainfall.	
Haparanda	30.32	19	NW	2	o	30.16	+ .21	28	27	+ 7	SE	4	o	*	28	-9	-	
Hernösand	30.36	19	N	0	o	30.17	- .04	24	24	- 8	SW	2	f	*	27	16	-	
Stockholm	30.29	23	SE	2	f	29.96	- .49	38	32	+ 7	ESE	4	o	*	?	18	0.35	
Wisby	30.32	26	SE	4	o	29.95	- .46	36	36	+ 5	S	4	r	*	37	25	0.28	
Bodö	30.05	28	S	4	o	29.96	- .07	36	34	+ 9	SE	2	o	2	?	27	-	
Christiansand	30.12	24	ESE	2	b	29.79	- .46	38	33	- 1	SSE	7	c	4	29	27	-	
† Skudesnaes	29.94	41	E	6	o	29.78	- .47	38	34	+ 3	ESE	6	o	4	41	34	-	
Oxö (Xiänsund)	29.96	26	ENE	8	o	29.90	- .40	31	31	- 3	NNE	5	o	3	36	30	0.08	
Skagen (The Skaw)																		
Fanö	29.85	36	S	4	n	29.95	- .06	39	38	+ 4	NSEW	1	c	*	?	32	0.08	
Cuxhaven	29.96	38	SW	1	o	30.07	+ .13	28	28	- 5	SW	3	b	*	?	27	-	
† Sumburgh Head	29.89	41	SE	6	o	29.85	- .35	40	39	+ 1	S	4	r	5	41	28	0.01	
† Stornoway	29.71	38	SSE	6	b	29.43	- .50	40	40	+ 2	SSE	6	o	6	41	36	-	
Wick	29.77	39	S	1	o	29.55	- .47	36	35	- 5	SW	1	o	3	42	35	0.17	
Nairn	29.79	26	L	0	b	29.84	- .48	34	33	+ 14	SW	1	SW	1	34	? 20	0.04	
† Aberdeen	29.80	35	L	0	r	29.63	- .29	32	31	- 7	SW	1	b	2	41	29	0.09	
Leith	29.82	29	L	0	f	29.61	- .39	33	32	+ 6	S	1	cf	*	33	21	-	
† Shields	29.82	30	NW	2	b	29.70	- .28	33	33	+ 6	NSW	3	o	3	33	23	0.03	
Spurn Head	29.85	34	NSW	4	b	29.81	- .10	36	34	0	SSW	5	o	4	37	29	0.01	
York	29.86	29	W	1	b	29.79	- .17	32	32	+ 5	S	1	S	*	36	26	0.05	
Nottingham	29.92	24	NW	1	b	29.83	- .13	33	32	+ 11	S	2	o	*	33	20	-	
† Ardrossan	29.80	28	E	2	b	29.53	- .44	36	35	+ 10	SE	2	r	2	36	25	0.06	
† Mullaghmore	29.53	40	SSE	8	o	29.42	- .35	40	39	+ 2	SW	5	b	4	41	35	0.07	
Donaghadee	29.74	41	SSW	4	o	29.51	- .41	41	41	+ 3	SW	3	c	1	44	37	0.44	
Parsonstown	29.66	29	SE	2	o	29.56	- .24	35	34	- 1	SSW	1	b	*	43	34	0.13	
Barrow-in-Furness	29.96	38	SSE	3	b	29.66	- .36	38	34	+ 8	ESE	6	o	5	40	27	0.09	
† Holyhead	29.79	36	S	2	b	29.60	- .36	42	41	+ 12	SSW	6	d	4	42	30	0.02	
Liverpool (Bidston)	29.85	25	ESE	3	b	29.68	- .30	35	33	+ 18	SE	4	o	2	35	? 22	0.01	
† Valentia	29.50	47	SSE	7	o	29.36	- .05	48	46	+ 3	SSW	5	b	5	50	42	0.62	
Roches's Point	29.55	42	S	8	r	29.58	- .16	48	46	+ 4	NSW	2	b	4	48	41	1.04	
Pembroke	29.63	43	S	4	o	29.64	- .28	49	45	+ 12	NSW	4	c	5	50	36	0.20	
† Scilly	29.74	47	S	7	o	29.74	- .13	50	49	+ 7	NSW	6	c	6	50	41	0.35	
Prawle Point	29.87	40	SSE	5	o	29.80	- .16	45	45	+ 8	S	6	o	5	45	36	0.03	
Hurst Castle	29.92	41	ESE	4	b	29.88	- .10	39	37	+ 12	SW	3	c	2	41	26	-	
† Dover	29.94	33	WNW	1	b	29.93	00	36	35	+ 2	SW	4	c	4	40	31	-	
† London	29.96	26	W	1	c	29.89	- .09	35	33	+ 9	SSW	3	o	*	37	25	-	
Oxford	29.95	30	L	0	c	29.86	- .14	35	34	+ 13	L	0	of	*	35	21	-	
Cambridge	29.96	27	W	1	b	29.87	- .09	33	32	+ 9	S	1	o	*	37	23	-	
† Yarmouth	29.92	30	W	2	c	29.90	+ .02	36	34	+ 3	S	4	cg	4	36	28	-	
The Helder	29.91	39	NSW	3	b	30.01	+ .14	32	31	+ 2	S	1	c	1	39	30	0.04	
Cape Gris Nez	29.97	32	SSE	4	b	29.97	+ .02	29	29	- 3	S	4	o	2	37	28	0.04	
† Jersey	29.97	38	SSE	3	b	29.92	- .09	28	28	+ 4	S	3	om	2	39	32	-	
Brest	29.85	40	S	5	o	29.82	- .16	44	44	+ 10	SSE	5	o	5	?	32	-	
Lorient	29.84	37	SE	5	o	29.80	- .13	39	37	+ 7	SE	5	o	5	39	30	-	
† Rochefort	29.93	35	SE	7	m	29.93	- .10	41	39	+ 11	S	5	o	2	43	23	-	
Biarritz	29.88	40	E	5	o	29.98	- .01	49	44	+ 19	SW	5	o	6	?	?	-	
Corunna	*	*	*	*	*	30.04	+ .23	44	*	- 5	S	1	b	5	*	*	*	
Brussels	*	*	*	*	*	30.05	+ .12	29	29	- 1	SSE	1	o	*	35	25	-	
Charleville	*	*	*	*	*	30.04	+ .11	29	27	0	SSE	1	o	*	34	?	-	
Paris	30.06	20	?	3	b	30.04	+ .01	31	30	0	SE	3	b	*	*	*	-	
Lyons	30.10	29	E	1	o	30.17	+ .01	25	25	- 5	E	1	f	*	36	22	-	
Toulon	30.12	42	W	3	b	30.17	+ .19	46	43	* 9	E	5	b	3	46	41	-	

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

Hawes Junction	29.57	21	L	0	b	29.42	- .27	31	31	+ 8	S	8	sw	*	31	18	0.04
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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 ...	30.06	40	38	E	7	o	Valentia ...	29.55	45	47	S	6	og	6
Sumburgh Head	30.05	40	36	SSE	4	c	Scilly ...	29.81	45	43	S	7	c	6
Stornoway ...	29.84	40	38	S	6	b	Dover ...	29.95	35	34	NNW	2	b	1
Aberdeen ...	29.86	38	36	SE	4	of	London ...	29.95	34	33	W	1	bf	*
Shields ...	29.88	32	32	NW	2	c	Yarmouth ...	29.88	32	31	W	3	og	4
Ardrossan ...	29.88	33	36	E	7	bf	Jersey ...	30.00	36	33	SSE	3	b	3
Mullaghmore ...	29.66	37	36	SE	7	ogst	Rochefort ...	29.99	38	34	ESE	7	bc	2
Holyhead ...	29.87	26	30	S	2	c								

The weather is fine over the Channel, and S. of England, as well as in the N. of Scotland, but elsewhere the sky is overcast with sleet in N. Ireland. The wind remains S to SE except in the E. of England, and pressure is giving way slowly everywhere.

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.

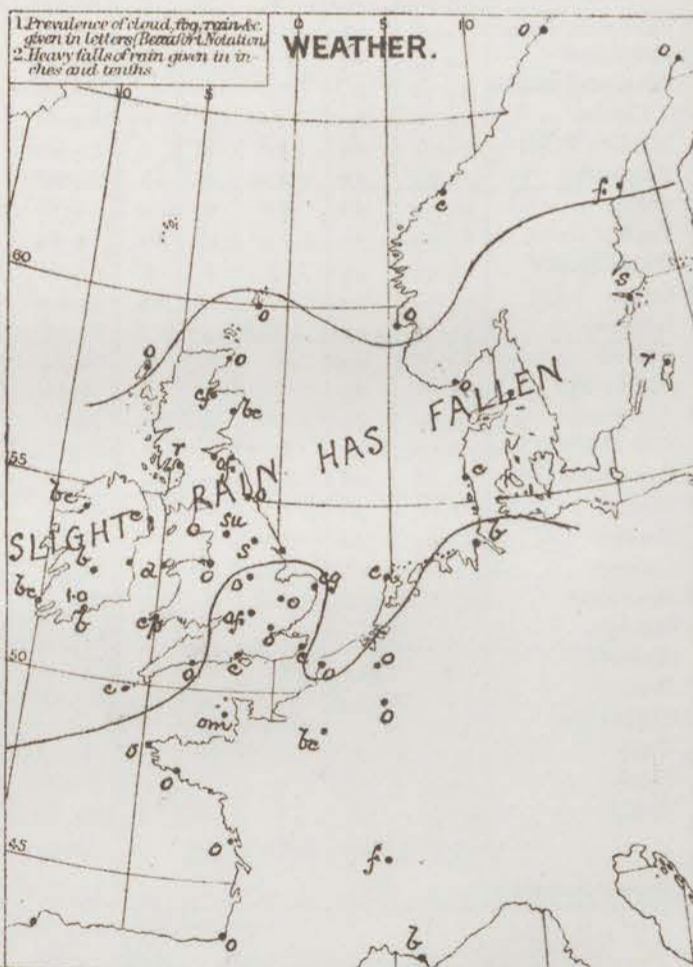
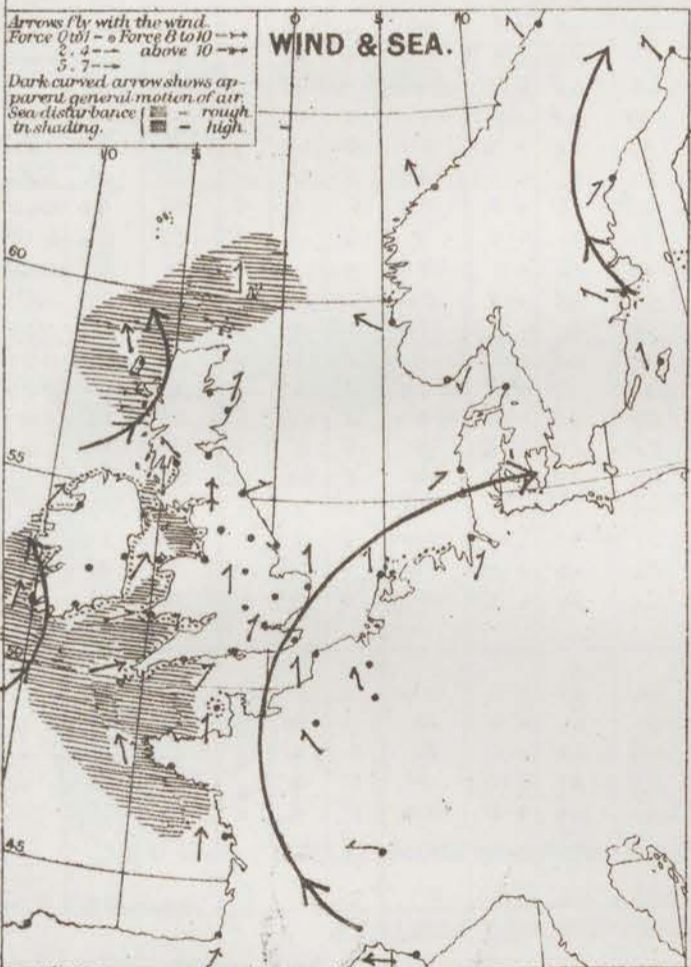
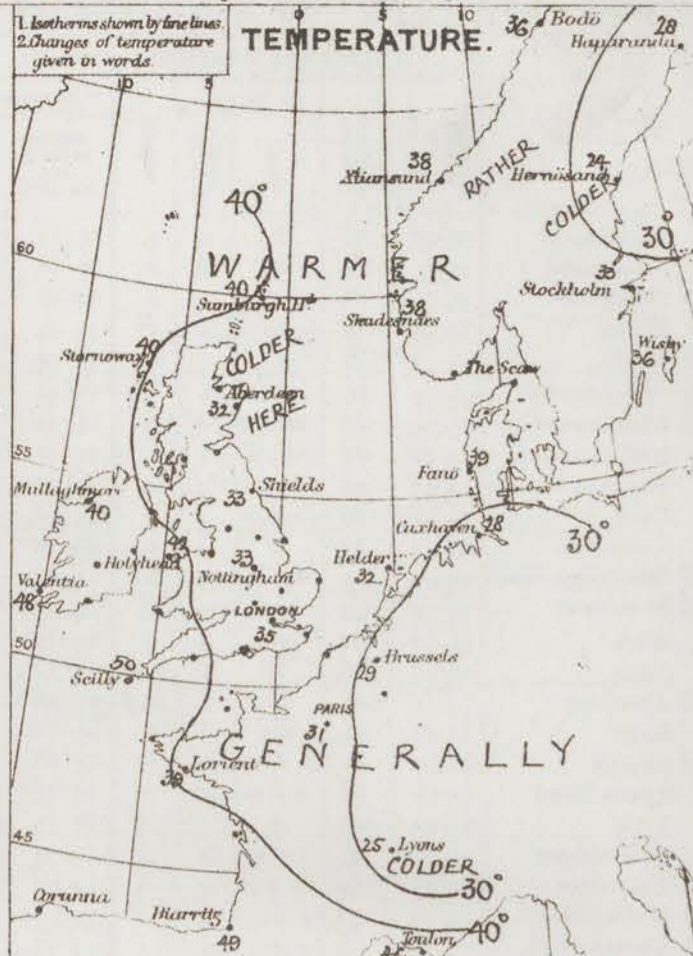
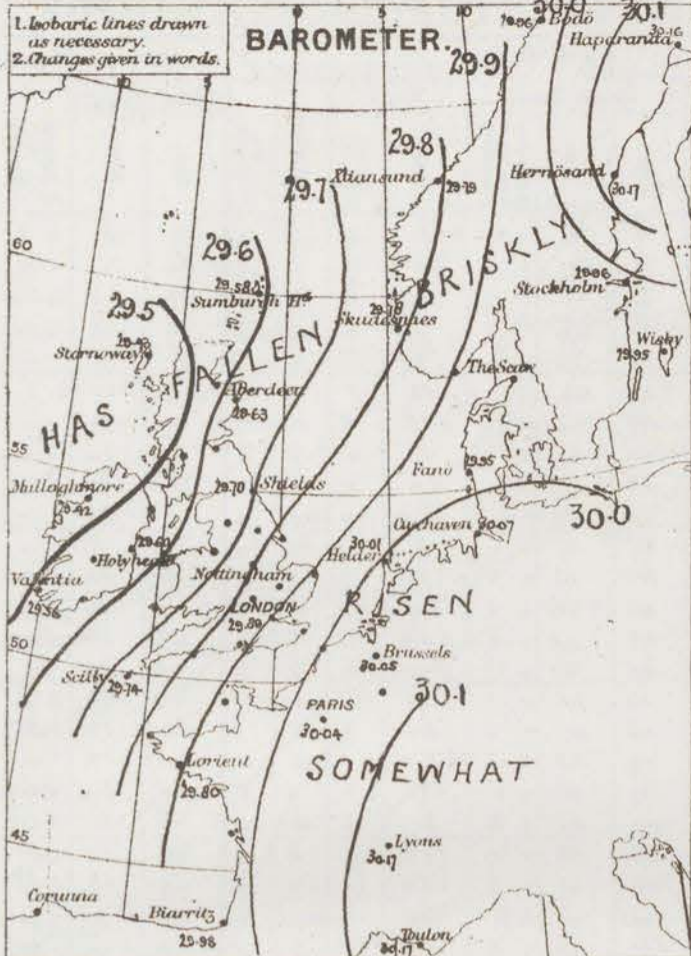
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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).

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 23rd Nov^r 1880.



REMARKS. A slight increase of pressure is reported from N. Germany and a slight recovery from S. Ireland, but in all other places the mercury is falling, the change in the N. being considerable. Areas of high pressure are reported from Central Europe and the N. of Scandinavia, while a large area of low readings lies off the W. of Ireland. In consequence, gradients for S. winds prevail generally, and winds between SW. and SE. are felt as all coasts, blowing lightly in the E, but strongly in the W. and in downy. The weather is fine over Ireland, as well as at Paris, Bremen and Aberdeen, but in all other places the sky is overcast, with snow in Yorkshire, rain at Holyhead and Aberdeen, and fog at a few stations. Slight rain has fallen except in the SE. and over France. Temperature has risen except in the NE. of Scotland, and readings range from 50° at Seilly to 62° at Aberdeen and York. Sharp frost again prevailed at our Central and more N. stations last evening. The sea is rough in the SW. and N.

Warnings. The South wind is flying on our SW. and 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 Nov^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.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			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.	Amount of Rainfall.	
Haparanda	29.91	23	S	2	0	29.93	-.43	18	12	-10	S	2	0	*	32	16	0.16	
Hernösand	29.82	32	L	0	0	29.83	-.34	28	27	+4	SW	2	0	*	34	12	0.08	
Stockholm	29.92	34	W	2	0	29.90	-.06	34	33	+1	W	4	0	*	36	23	0.04	
Wisby	29.99	36	SW	4	0	29.99	+0.04	36	34	0	W	4	0	*	39	28	0.04	
Bodö	29.73	43	E	2	bc	29.66	-.30	28	26	-8	E	2	0	1	?	27	-	
Christiansund	29.67	36	SE	2	0	29.53	-.26	39	36	+1	ESE	3	0	3	39	27	-	
† Skudesnaes	29.74	39	SSE	8	2	29.63	-.15	45	44	+7	SSE	8	2	6	?	37	-	
Oxö (Xiansund)	29.85	35	NNE	2	0	29.78	-.12	44	44	+13	S	4	0	3	?	34	0.24	
Skagen (The Skaw)	29.92	36	SW	4	0	29.93	+0.03	38	37	+5	SW	5	0	4	39	30	0.04	
Fanö	29.96	36	WSW	4	0	29.98	+0.03	38	37	-1	SSW	4	m	*	41	30	-	
Cuxhaven	30.08	38	S	1	0	30.10	+0.03	27	27	-1	S	1	0	*	?	?	-	
† Sumburgh Head	29.44	42	SSW	4	e	29.33	-.25	45	43	+5	?E	3	0	5	46	39	0.03	
† Stornoway	29.27	45	S	7	0	29.17	-.26	46	46	+6	SW	8	0	7	47	39	0.10	
Wick	29.43	39	SW	2	0	29.35	-.20	46	45	+10	SSE	3	0	3	46	36	0.02	
Nairn	29.43	37	S	0	bc	29.38	-.21	45	43	+11	WSW	4	0	2	45	34	?	
† Aberdeen	29.52	38	SW	8	bc	29.47	-.16	43	42	+11	S	4	0	4	45	32	0.01	
Leith	29.54	40	SW	3	0	29.50	-.11	48	45	+15	SSW	2	0	*	49	32	0.05	
† Shields	29.67	36	SSW	4	0	29.63	-.09	44	43	+11	SSW	2	0	2	44	33	-	
Spurn Head	29.79	38	SSW	5	0	29.77	-.04	47	46	+11	SW	6	0	5	47	34	0.02	
York	29.75	36	S	2	0	29.72	-.07	46	45	+14	S	2	0	*	46	31	0.01	
Nottingham	29.83	41	ESE	3	0	29.77	-.06	50	48	+17	SSW	4	0	*	50	33	0.01	
† Ardrossan	29.50	46	SSW	4	2	29.47	-.06	48	47	+12	SSW	6	0	5	49	35	0.55	
† Mullaghmore	29.26	49	SSW	9	2	29.39	-.03	48	45	+8	SW	7	bc	6	50	35	0.16	
Donaghadee	29.49	43	SSW	4	2	29.53	+0.02	47	46	+6	SW	5	0	3	48	42	0.15	
Parsonstown	29.47	49	E	10	0	29.56	-.30	45	44	+10	S	1	2	*	50	34	0.27	
Barrow-in-Furness	29.66	40	ESE	4	bc	29.66	0.00	43	42	+8	SE	4	0	4	47	34	0.24	
† Holyhead	29.64	50	SW	5	mu	29.63	+0.03	50	49	+8	SW	4	m	4	51	41	0.36	
Liverpool (Bldston)	29.70	41	SE	3	0	29.66	-.02	46	45	+11	ESE	2	0	1	50	35	-	
† Valentia	29.48	50	WSW	4	0	29.55	-.01	46	45	-2	WSW	4	0	4	54	44	0.79	
Roche's Point	29.57	48	SSW	6	2	29.60	+0.02	50	49	+2	SW	3	0	4	52	43	0.35	
Pembroke	29.69	52	WSW	6	bc	29.63	-.01	51	51	+2	SSW	6	2	5	52	36	0.51	
† Scilly	29.79	52	SW	6	uc	29.76	+0.02	53	53	+3	SW	6	0	6	55	48	0.43	
Prawle Point	29.87	51	SSW	4	bc	29.84	+0.04	51	51	+6	S	6	2	5	53	44	0.18	
Hurst Castle	29.90	49	S	3	0	29.91	+0.03	50	50	+11	WSW	7	mu	5	57	39	0.06	
† Dover	29.97	45	SW	4	bc	30.00	+0.07	49	48	+13	SW	5	bc	4	49	35	-	
† London	29.92	42	SSE	2	0	29.93	+0.04	49	47	+14	SSW	3	0	*	50	35	0.02	
Oxford	29.88	44	S	2	0	29.84	-.02	49	48	+14	S	5	2	*	50	34	0.07	
Cambridge	29.88	34	S	1	0	29.84	-.03	48	47	+15	SSW	1	2	*	49	31	0.02	
† Yarmouth	29.91	37	SSW	3	bc	29.91	+0.01	46	45	+10	SSW	3	0	3	46	33	0.02	
The Helder	30.00	33	S	1	0	30.01	0.00	35	35	+3	S	1	0	1	36	30	-	
Cape Gris Nez	29.99	38	S	4	bc	30.06	+0.09	45	44	+16	SW	5	bc	4	45	?	0.16	
† Jersey	30.00	45	SSE	3	mb	30.04	+0.12	48	47	+10	S	5	cu	4	49	38	-	
Brest	29.97	53	WSW	5	0	29.95	+0.13	51	51	+7	SW	8	2	6	53	32	0.24	
Lorient	30.01	46	SSE	1	0	30.03	+0.23	54	49	+15	SW	7	0	5	?	36	-	
† Rochefort	30.07	50	SSW	4	bc	30.18	+0.25	44	39	+3	S	5	0	2	55	37	-	
Biarritz																		
Corunna																		
Brussels						30.13	+0.08	42	41	+13	SW	4	0	*	?	37	-	
Charleville						?	?	39	36	+10	SE	1	0	*	43	28	-	
Paris	30.17	31	SSW	4	0	30.22	+0.18	42	38	+11	SE	1	0	*	?	?	-	
Lyons	30.26	35	W	1	0	30.33	+0.16	37	37	+12	N	1	0	*	37	?	-	
Toulon	30.24	51	E	7	0	30.30	+0.13	51	47	+5	NE	5	0	5	54	45	-	

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

Hawes Junction	29.44	37	SSW	4	0	29.41	-.01	43	42	+12	S	4	0	*	44	30	0.28
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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	29.75	39	38	SSE	8	2	Valentia	29.49	52	49	S	7	0.9
Sumburgh Head	29.51	41	38	SSW	4	0	Scilly	29.79	54	53	SW	6	0.6
Stornoway	29.39	41	41	SSE	6	0	Dover	29.92	42	40	SW	4	bc
Aberdeen	29.56	36	35	SW	2	0 m	London	29.89	42	41	SSE	2	bc
Shields	29.65	36	34	SSW	6	0	Yarmouth	29.91	35	34	SSW	3	0.5
Ardrossan	29.51	45	44	SW	4	0	Jersey	29.94	43	42	SSE	3	0 m
Mullaghmore	29.43	46	44	SSW	5	0.9	Rochefort	30.00	50	48	S	7	2
Holyhead	29.64	49	46	SW	4	bc							

The barometer is falling generally and strong S and SW winds prevail in the M. and N. The weather is cloudy and unsettled except in the SE. and temperature ranges from 52° at Valentia to 35° at Yarmouth.

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.

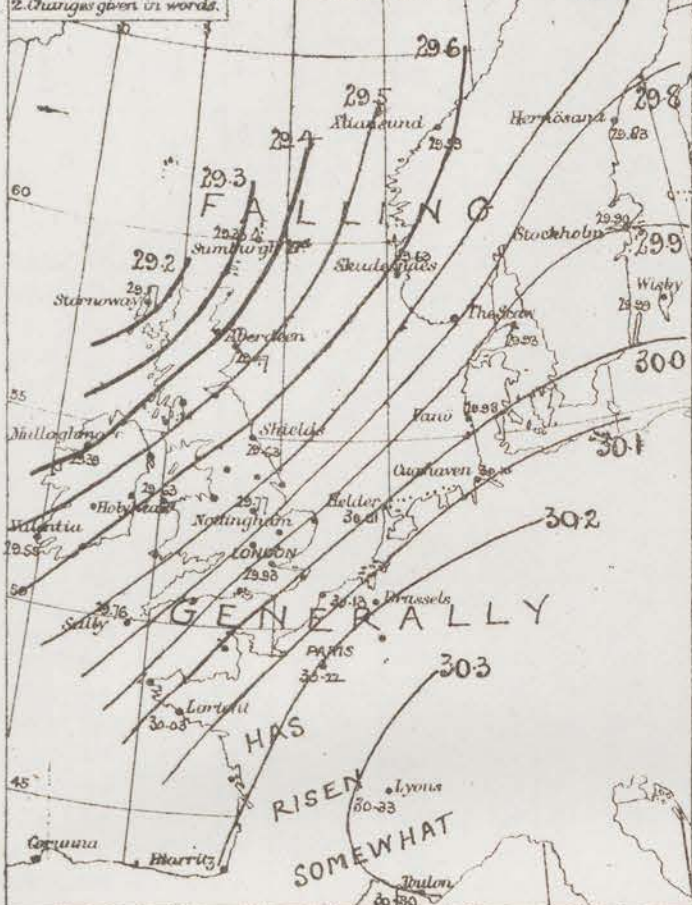
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 Wednesday 24th Nov. 1880.

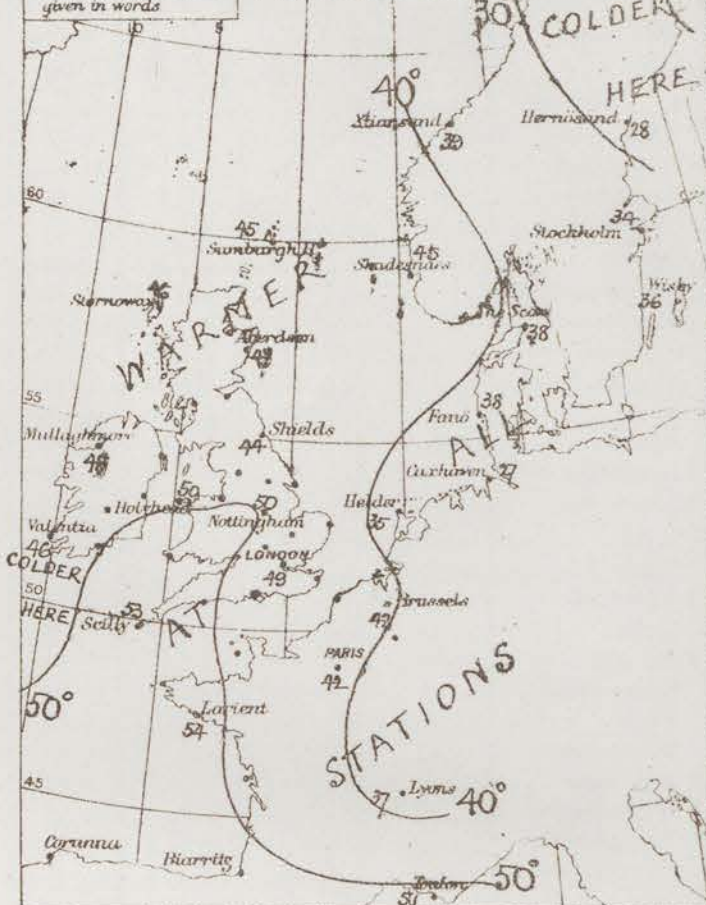
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



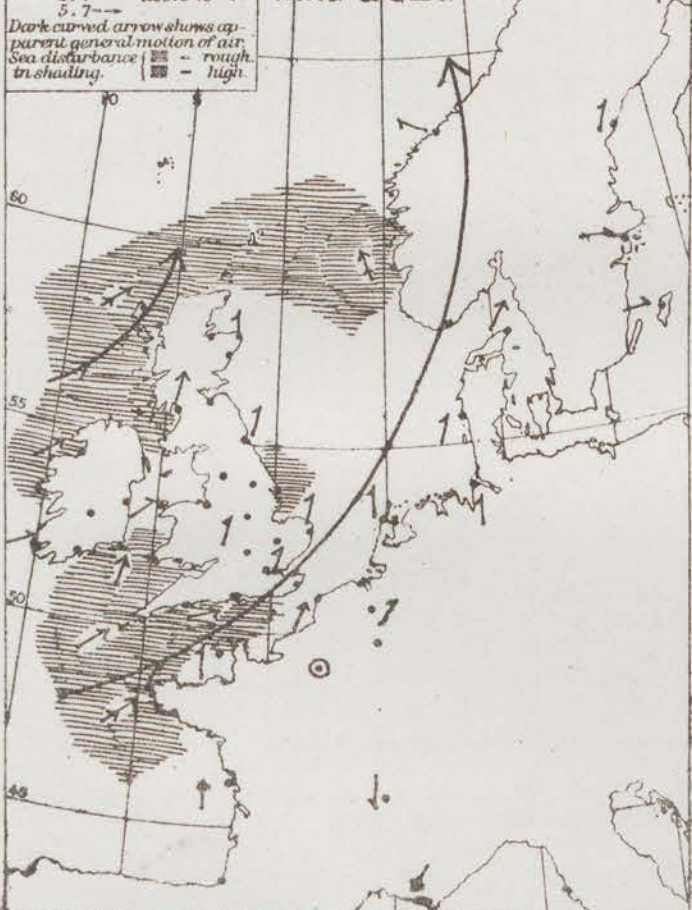
1. Isotherms shown by lines.
2. Changes of temperature given in words.

TEMPERATURE



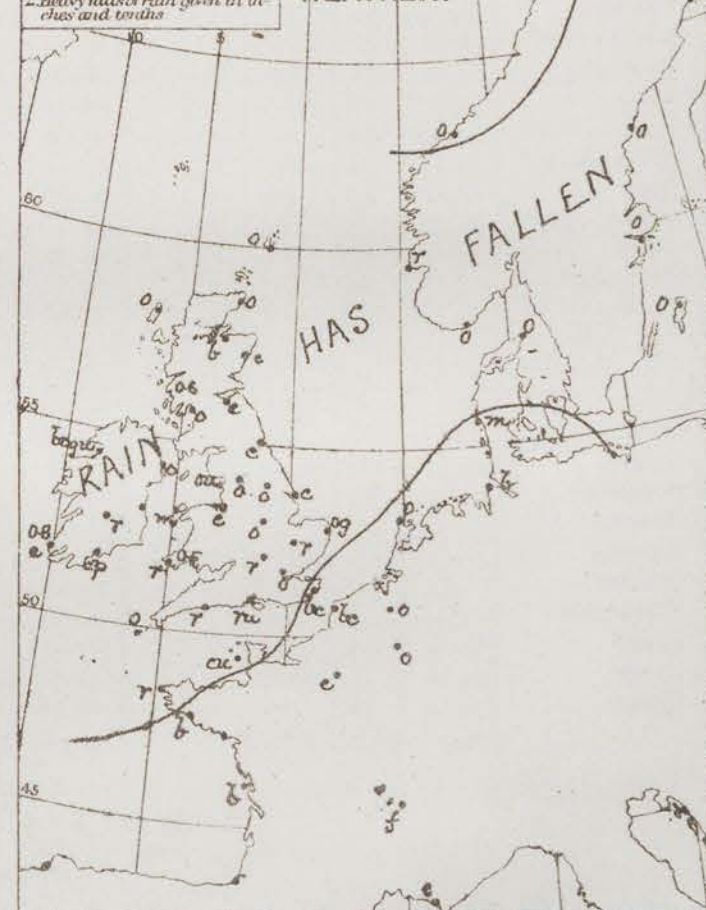
Arrows fly with the wind.
Force 0 to 10 — Force 11 to 20 —
2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

WIND & SEA.



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

WEATHER.



REMARKS. The weather is fine over the S. of France, the Straits of Dover and N. Germany, but in all other parts of N. Europe the sky is overcast or very cloudy with rain over the N. half of the Channel and the S. of Ireland. Rain has fallen in nearly all parts of the Kingdom since yesterday. The wind is S.W. to S. over the whole of N. Europe. It is generally fresh or strong in force, and on our NW. coasts, at least and at Shetland reaches the force of a gale. Temperature has risen except at Valentia and in the N. of Scandinavia, the change over our E. districts and the Netherlands amounting to between 10° and 15°. Readings are uniform ranging from 43° at Bournemouth to 53° at Sicily. Pressure has increased somewhat over France and our S. coast, but elsewhere it has decreased, though the change is nowhere very large. An area of high pressure is shown in the S.E. of France, and a large depression lies off the NW. coast of Scotland. The sea is rough in the SW. W. and N., moderate in the E.

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Delivery by hand 10/- per quarter. Book post 5/-.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 25th Nov^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	29.76	13	S	2	b c	29.88	+15	17	17	-1	NW	2	f	*	19	10	-	
Hernösand	29.63	18	L	0	c	29.77	-06	28	27	0	Z	0	f	*	32	10	-	
Stockholm	29.92	34	W	4	b c	29.86	-04	35	35	+1	WSW	2	o	*	36	32	-	
Wisby	30.00	38	W	4	o	29.92	-07	41	41	+5	WSW	2	o	*	?	30	-	
Bodö	29.63	24	E	2	b	29.49	-14	30	28	+2	E	6	c	3	?	25	0.04	
Christiansund	29.47	40	SE	2	b c	29.32	-15	44	?	+5	ESE	3	b c	1	?	?	0.04	
† Skudesnaes	29.61	48	S	6	f o	29.34	-29	46	45	+1	SSE	8	r	6	?	45	-	
Oxö (Xtiansund)	29.69	45	S	4	f	29.58	-10	46	45	+2	SSE	4	f	3	?	43	0.39	
Skagen (The Skaw)	29.82	39	SSW	4	r	29.72	-10	41	41	+3	SSW	3	o	3	41	34	0.24	
Fanö	29.86	42	SSW	4	r	29.68	-18	41	41	+3	S	6	c	*	45	37	-	
Cuxhaven	30.05	39	SSW	2	o	29.86	-19	41	41	+14	SSW	4	o	*	41	?	0.15	
† Sumburgh Head	29.32	44	WSW	5	b	28.79	-54	43	46	+3	S	8	o	7	49	42	0.20	
† Stornoway	29.26	44	SSW	4	o	28.77	-49	43	43	-3	WSW	8	cq	7	48	40	0.72	
Wick	29.36	39	S	3	o	28.84	-51	43	41	-3	SSW	5	b	5	47	38	0.14	
Nairn	29.36	38	SW	3	b c	28.90	-46	43	40	-2	SW	6	b c	3	48	38	0.02	
† Aberdeen	29.43	42	L	0	b	28.99	-44	46	43	+3	SSW	4	b v	4	49	40	0.19	
Leith	29.10	48	SW	2	b	29.10	-00	48	45	0	W	6	b	*	53	40	0.06	
† Shields	29.60	46	SW	2	b m	29.22	-38	50	47	+6	WSW	3	cq	2	50	44	0.07	
Spurn Head	29.72	47	SSW	4	b	29.36	-36	52	50	+5	S	5	b	4	52	44	0.06	
York	29.68	50	S	1	b	29.35	-33	50	47	+4	W	4	b	*	53	43	0.40	
Nottingham	29.76	48	S	3	b	29.47	-29	52	48	+2	SSW	5	b c	*	55	45	0.05	
† Ardrossan	29.47	48	SSW	3	o	29.17	-30	47	45	-1	W	4	b	4	52	46	0.27	
† Mullaghmore	29.34	46	SW	6	g r	29.17	-17	45	43	-3	SW	6	cq	5	53	43	0.43	
Donaghadee	29.48	48	SSW	4	o	29.24	-24	43	41	-4	SSW	5	b	3	53	43	0.14	
Parsonstown	29.45	49	SW	6	o	29.36	-09	42	41	-3	SW	4	b	*	53	42	0.24	
Barrow-in-Furness	29.63	47	SE	4	c	29.32	-31	48	46	+5	SW	4	c	5	48	43	0.45	
† Holyhead	29.64	51	SW	5	m	29.38	-26	49	47	-1	SW	4	b	4	51	45	0.41	
Liverpool (Bidston)	29.68	50	SSW	3	c	29.38	-30	47	44	+1	WSW	5	b c	3	53	46	0.34	
† Valentia	29.34	54	S	8	g r	29.43	-10	48	44	+2	SW	7	c	7	56	44	0.37	
Roche's Point	29.46	51	SSW	6	r	29.48	-12	48	46	-2	WSW	6	cq	5	54	42	0.42	
Pembroke	29.71	52	SSW	5	o	29.47	-24	52	48	+1	WSW	8	c	6	53	51	0.39	
† Scilly	29.80	54	SSW	6	o	29.68	-12	53	52	0	WSW	8	c	6	56	52	0.08	
Prawle Point	29.89	52	SSW	5	m	29.68	-21	55	52	+4	SW	6	c	5	55	49	0.11	
Hurst Castle	29.91	52	WSW	5	c	29.68	-23	52	51	+2	W	7	b	5	54	49	0.27	
† Dover	29.98	50	SW	6	oq	29.68	-30	50	49	+1	SW	7	oq	6	51	38	0.04	
† London	29.63	54	W	3	c	29.63	-00	54	52	+5	WSW	4	cq	*	55	48	0.12	
Oxford	29.82	50	SW	3	b	29.57	-25	53	49	+4	WSW	5	b c	*	56	48	0.29	
Cambridge	29.84	49	SW	2	b	29.50	-34	55	53	+7	SW	3	b c	*	55	46	0.05	
† Yarmouth	29.86	48	SSW	2	b c	29.53	-33	51	50	+5	SSW	6	cq	4	51	45	0.09	
The Helder	29.92	45	SW	4	c	29.67	-25	47	47	+12	SSW	6	r	3	48	34	0.08	
Cape Gris Nez	30.06	49	SW	5	o	29.73	-33	49	48	+4	SSW	8	r	5	50	45	0.47	
† Jersey	30.03	51	SSW	5	m oq	29.84	-19	54	53	+6	SW	6	b c	5	54	47	0.38	
Brest	30.00	54	SW	5	r	29.85	-15	55	54	+4	WSW	7	b	7	?	45	0.59	
Lorient	30.04	54	WSW	7	m	29.91	-13	55	55	+1	WSW	7	b c	6	?	46	0.51	
† Rochefort	30.23	53	SW	5	b	30.13	-10	49	48	+5	SSW	7	r	2	57	37	0.08	
Biarritz																		
Coranna	*	*	*	*	*			*	*						*	*	*	
Brussels	*	*	*	*	*	29.87	-26	46	44	+4	SSW	7	o	*	47	?	0.28	
Charleville	30.17	43	SSW	7	o	30.15	-2	46	41	+7	S	5	r	*	51	38	0.04	
Paris	30.17	49	?	3	b c	30.00	-17	50	47	+8	S	5	r	*	*	*	0.12	
Lyons	30.35	42	WSW	1	f	30.30	-05	35	35	-2	NE	1	f	*	49	33	-	
Toulon	30.37	54	NE	4	b	30.36	+00	53	53	+2	E	4	m	2	55	?	-	

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

Hawes Junction	28.40	45	SSW	3	o	28.08	-32	44	43	+1	SW	7	o p	*	47	42	0.72
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

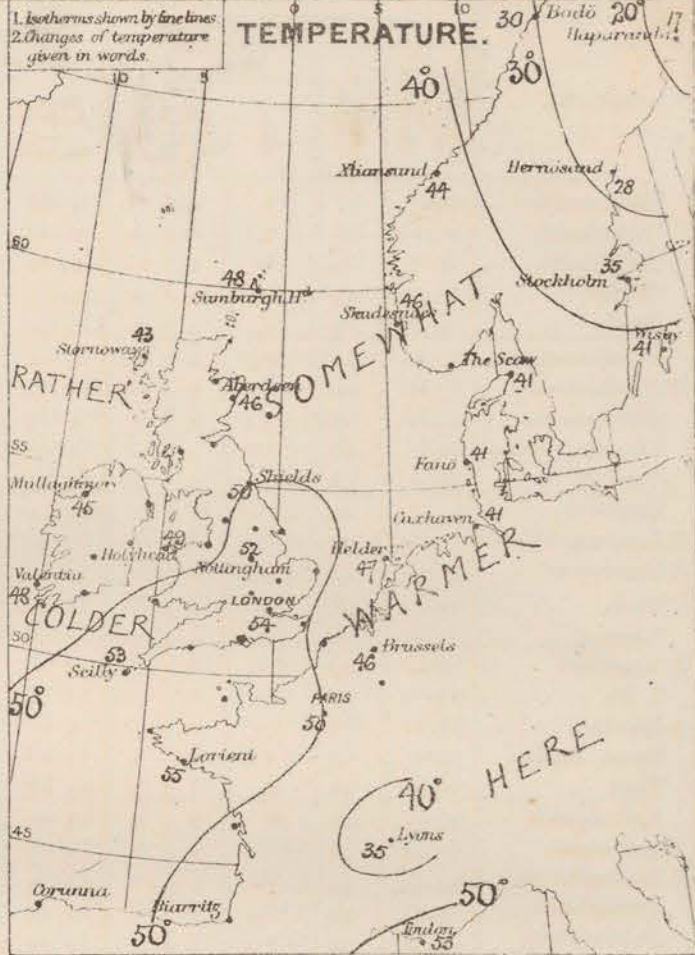
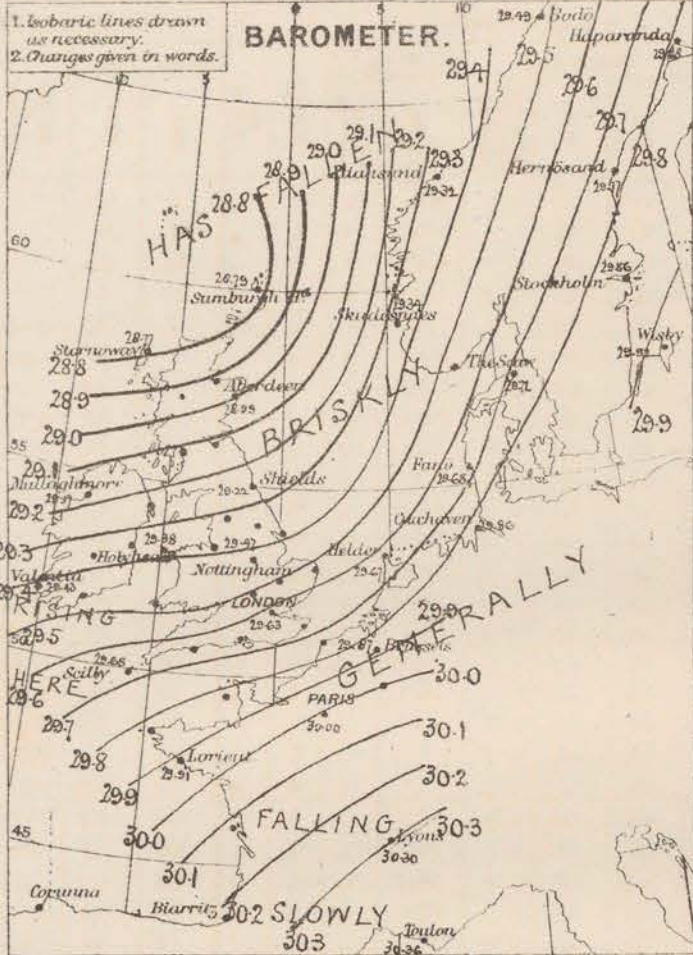
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.63	45	45	WNW	6	o f	6	Valentia ...	29.55	52	50	S	6	o g m	6
Sumburgh Head	29.30	47	44	SSW	5	c	5	Scilly ...	29.82	56	55	SW	6	c	6
Stornoway ...	29.22	44	42	WSW	5	c	6	Dover ...	29.95	49	47	SW	6	o p	5
Aberdeen ...	29.44	46	44	S	6	c	4	London ...	29.87	50	49	S	4	o	*
Shields ...	29.58	48	46	SW	3	o g	2	Yarmouth ...	29.86	48	46	SSW	4	c	3
Ardrossan ...	29.47	49	46	SSW	4	o	4	Jersey ...	30.01	51	50	SW	7	c m p	6
Mullaghmore ...	29.43	50	48	SW	6	c p g	5	Rochefort ...	30.19	52	48	S	5	c	2
Holyhead ...	29.60	51	50	SW	5	b c p	4								

Pressure has decreased a little in the E. and increased in the W., but at Valentia a fresh breeze has apparently now commenced. The wind is strong between S. and SW. and the weather is cloudy and unsettled.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 Thursday 24th Nov^r 1880.



REMARKS. A deep depression has advanced during the night in a NNE^e direction along our W. coasts. It is now shown to the N^w of Scotland and appears to be still travelling NE^e. The barometer has fallen about half an inch in the Shetlands, and a more or less brisk decrease has occurred over the whole of N^w Europe, but a recovery is now in progress in Ireland. The highest pressures are reported from the SE of France, and rather steep gradients exist over these islands. W^{ind} winds prevail over France and the British Islands, and S^W to SE winds over Scandinavia, the nearly all places the wind is strong in force, and in many parts of our SW. W. and N. coasts blows a fresh gale. The weather is at present considerably fine at most of our stations, and in the NW of France, but rain has fallen everywhere, and in the S. of Ireland, the NE of France and some parts of the E. of England rain still falls. Temperature has fallen in the N. and N^w, and readings range from 32 in the S. of England to 43 in the N. of Scotland. The sea is rather high except in the North Sea.

Hannings. The South Lane was visited last evening on our N^w and N^e coasts.

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both post 5/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

26th Nov^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	29.73	26	SE	2	0	29.52	-0.36	32	31	+15	SE	2	0	*	32	16	0.08	
Hernösand	29.66	36	ESE	4	f	29.45	-0.32	35	35	+7	SSW	2	f	*	36	14	0.20	
Stockholm	29.58	39	SW	4	2	29.60	-0.26	37	37	+2	W	4	6	*	39	32	0.08	
Wisby	29.69	42	WSW	2	2	29.68	-0.24	41	40	0	W	2	6	*	43	32	0.12	
Bodö	29.48	33	E	9	6	29.04	-0.45	36	34	+6	E	6	6	3	36	27	0.04	
Christiansund	28.94	44	2	0	6	29.25	-0.07	44	41	0	SW	6	c	5	45	34	-	
† Skudesnaes	29.30	46	WSW	6	c	29.52	+0.18	45	44	-1	SSW	6	0	5	?	?	-	
Oxö (Åsland)	29.37	45	SW	6	c	29.63	+0.05	44	43	-2	SW	4	f	4	46	43	0.20	
Skagen (The Skaw)	29.47	43	WSW	3	6	29.72	-0.00	40	40	-1	SW	4	0	2	45	36	0.20	
Fanö	29.71	43	W	4	c	29.82	-0.14	43	43	+2	SW	4	6	*	46	41	0.12	
Cuxhaven	29.71	49	SSE	6	2	29.91	+0.05	40	40	-1	SSW	1	6	*	?	37	0.14	
† Sumburgh Head	28.85	45	WSW	8	2	29.09	+0.30	45	44	-3	SSE	7	m	7	48	43	0.04	
† Stornoway	29.11	44	W	6	6	28.49	-0.28	48	48	+5	SSW	10	e	8	48	40	0.09	
Wick	29.11	41	SW	6	6	28.83	-0.01	45	43	+2	S	9	ou	5	45	37	0.09	
Nairn	29.22	41	2	0	2	28.82	-0.08	44	42	+1	E	3	6	1	45	40	0.25	
† Aberdeen	29.25	43	SW	4	6	28.95	-0.04	47	45	+1	S	9	ng	6	48	40	0.06	
Leith	29.39	45	NW	6	2	28.98	-0.12	52	48	+4	SW	8	bc	*	57	41	0.07	
† Shields	29.49	46	WSW	4	6	29.23	+0.01	46	46	-4	SW	6	2	2	51	44	0.15	
Spurn Head	29.65	45	WSW	6	6	29.40	+0.04	50	48	-2	S	7	og	6	52	42	0.01	
York	29.60	47	W	5	6	29.35	-0.00	50	49	0	S	4	m	*	57	41	0.04	
Nottingham	29.49	46	S	4	6	29.40	-0.07	56	54	+4	S	7	2	*	56	40	0.02	
† Ardrossan	29.44	48	WSW	4	6	28.87	-0.30	52	50	+5	SW	7	cq	3	52	35	0.05	
† Mullaghmore	29.46	47	SW	5	c	28.59	-0.58	49	49	+4	SW	10	ogga	7	54	41	0.09	
Donaghadee	29.53	44	SSW	5	6	28.92	-0.32	51	48	+8	SSW	8	bcq	6	53	42	0.11	
Parsonstown	29.63	45	SSW	1	6	29.07	-0.29	51	46	+9	SSW	11	0	*	53	41	0.19	
Barrow-in-Furness	29.62	47	SW	5	0	29.24	+0.02	48	46	0	SW	5	0	5	49	47	0.05	
† Holyhead	29.68	49	W	5	6	29.21	-0.17	52	49	+3	SW	8	mga	6	52	47	0.08	
Liverpool (Bidston)	29.68	48	SW	5	c	29.30	-0.08	50	46	+3	SSW	5	c	3	52	44	0.05	
† Valentia	29.52	52	S	7	om	29.16	-0.27	51	47	+3	SW	9	cmu	8	57	46	0.25	
Roche's Point	29.66	49	W	3	bc	29.25	-0.23	52	51	+4	SW	8	c	6	53	42	0.45	
Pembroke	29.74	51	SW	7	6	29.34	-0.13	53	50	+1	SSW	8	0	6	53	47	0.26	
† Scilly	29.90	52	SSW	6	0	29.57	-0.11	53	52	0	SSW	8	om	7	54	51	0.21	
Prawle Point	29.95	51	SW	4	6	29.61	-0.07	51	51	-4	SW	8	2	6	55	45	0.26	
Hurst Castle	29.96	49	W	4	6	29.65	-0.03	55	54	+8	SW	7	2	5	55	48	0.20	
† Dover	29.90	46	W	5	6	29.72	+0.04	52	52	+2	SSW	7	od	5	53	44	0.12	
† London	29.93	45	WSW	3	6	29.64	+0.01	55	54	+1	SSW	6	od	*	57	43	0.22	
Oxford	29.92	43	SW	4	6	29.54	-0.03	56	54	+3	S	8	aug	*	56	42	0.07	
Cambridge	29.84	46	SW	4	6	29.53	+0.03	54	54	-1	SW	4	2	*	59	39	0.04	
† Yarmouth	29.76	48	WSW	4	bc	29.64	+0.11	51	50	0	S	6	odug	5	54	41	0.05	
The Helder																		
Cape Gris Nez	29.94	50	WSW	8	6	29.73	-0.00	52	52	+3	SSW	8	2	6	54	45	0.63	
† Jersey	30.07	53	WSW	4	bcm	29.80	-0.04	54	54	0	SSW	6	oma	5	56	49	0.19	
Brest	30.05	53	WSW	5	bc	29.78	-0.07	55	54	0	SW	8	2	8	55	52	0.16	
Lorient	30.09	55	WSW	5	m	29.86	-0.05	57	55	+2	SW	8	m	7	?	52	0.16	
† Rochefort	30.21	54	WSW	7	2	30.10	-0.03	49	48	0	SSE	4	bu	2	57	43	0.71	
Biarritz	30.28	60	S	3	c	30.13		62	53		SSW	4	bu	5	64	54	-	
Corunna	*	*	*	*	*			*	*					*	*	*	*	
Brussels	*	*	*	*	*	29.92	+0.05	50	49	+4	S	5	0	*	53	?	0.24	
Charleville	30.02	52	WSW	7	0	30.06	-0.09	49	47	+3	S	5	2	*	56	36	0.32	
Paris	30.13	55	?	2	6	30.02	+0.02	55	54	+5	SSW	5	0	*	*	*	0.16	
Lyons	30.32	51	SSE	1	0	30.26	-0.04	43	43	+8	ESE	1	f	*	62	33	0.12	
Toulon	30.36	57	2	0	m	30.34	-0.02	53	53	0	SW	3	m	2	61	52	-	

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

Hawes Junction	28.32	42	SW	7	0	28.06	-0.02	48	47	+4	S	7	0	*	48	40	0.54
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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 ...	29.13	47	46	SSW	7	c f	7	Valentia ...	29.61	52	48	WSW	7	bcq	7
Sumburgh Head	28.78	44	42	SW	7	0	7	Scilly ...	29.82	54	52	WSW	9	c	6
Stornoway ...	28.91	44	43	WSW	6	e	6	Dover ...	29.74	52	51	WSW	6	bc	5
Aberdeen ...	29.09	47	43	SSW	4	b	4	London ...	29.69	57	51	SW	5	cq	*
Shields ...	29.33	51	46	WSW	4	b	2	Yarmouth ...	29.60	54	50	WSW	6	bcq	4
Ardrossan ...	29.22	48	46	WSW	6	cq	5	Jersey ...	29.91	55	53	SW	6	bcm	5
Mullaghmore	29.31	44	42	W	7	cqg	7	Rochefort ...	30.16	56	56	SW	7	0	2
Holyhead ...	29.48	49	46	WSW	6	e	4								

Pressure is increasing everywhere and the depression is passing away, but the weather remains showery and unsettled with strong SW and W winds.

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 (bad); u. 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.

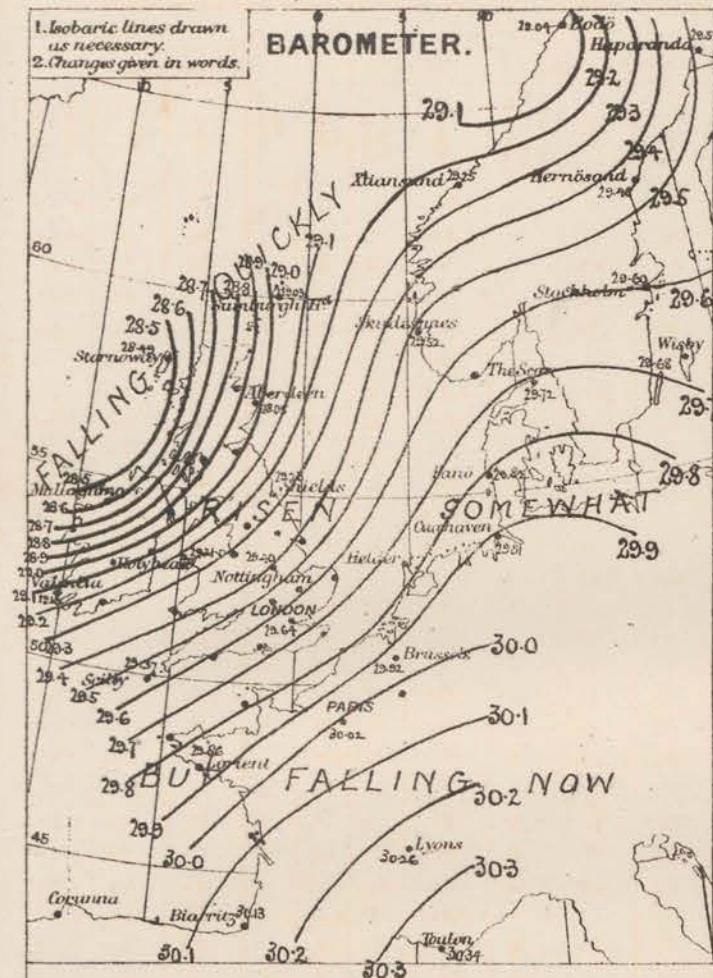
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 26th Nov^r 1880.

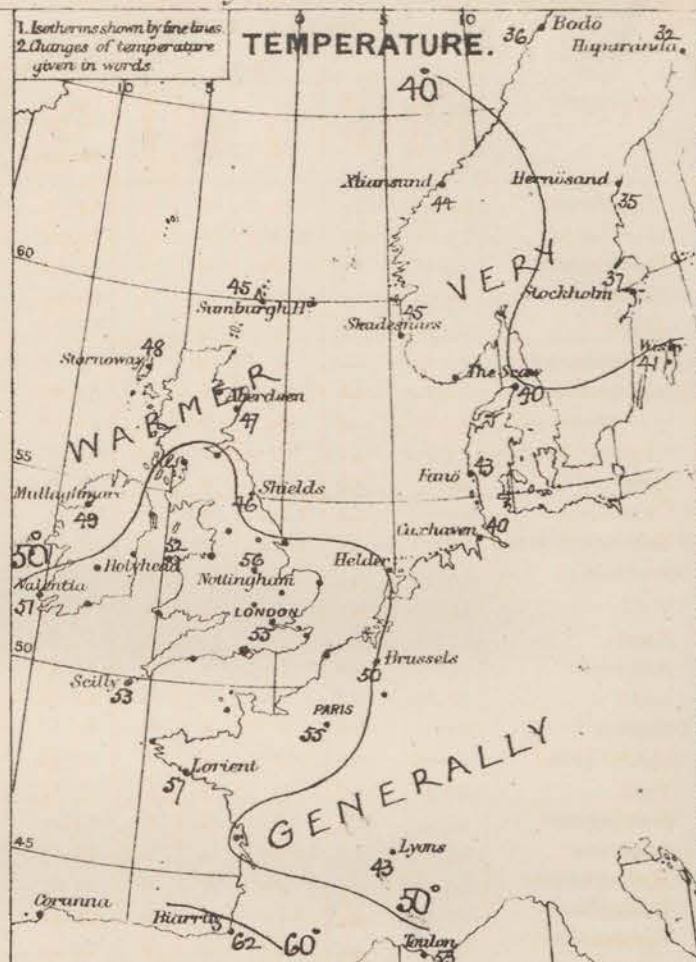
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



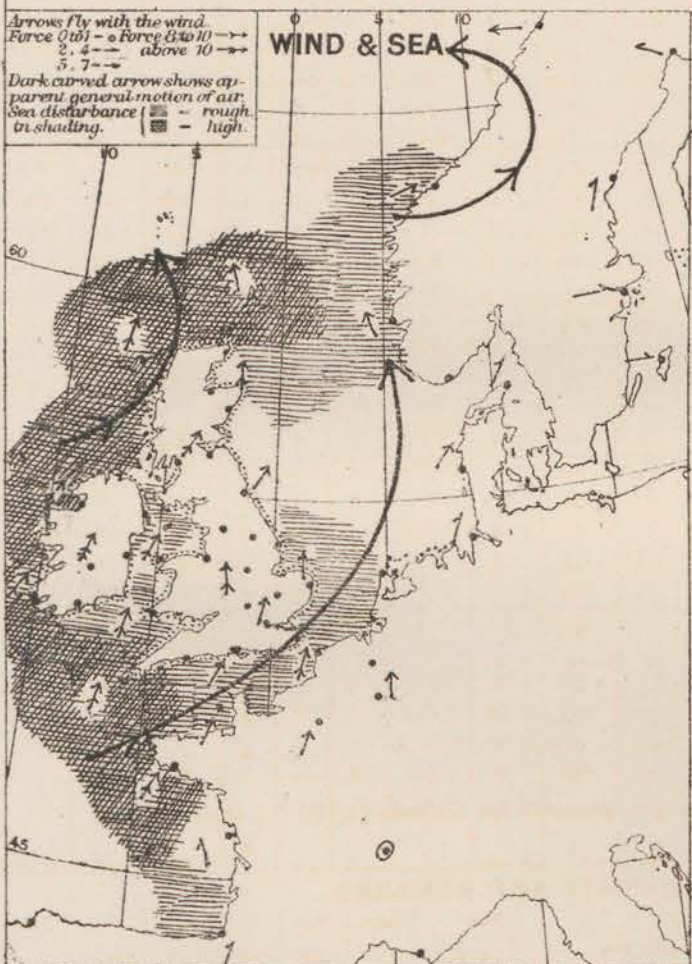
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



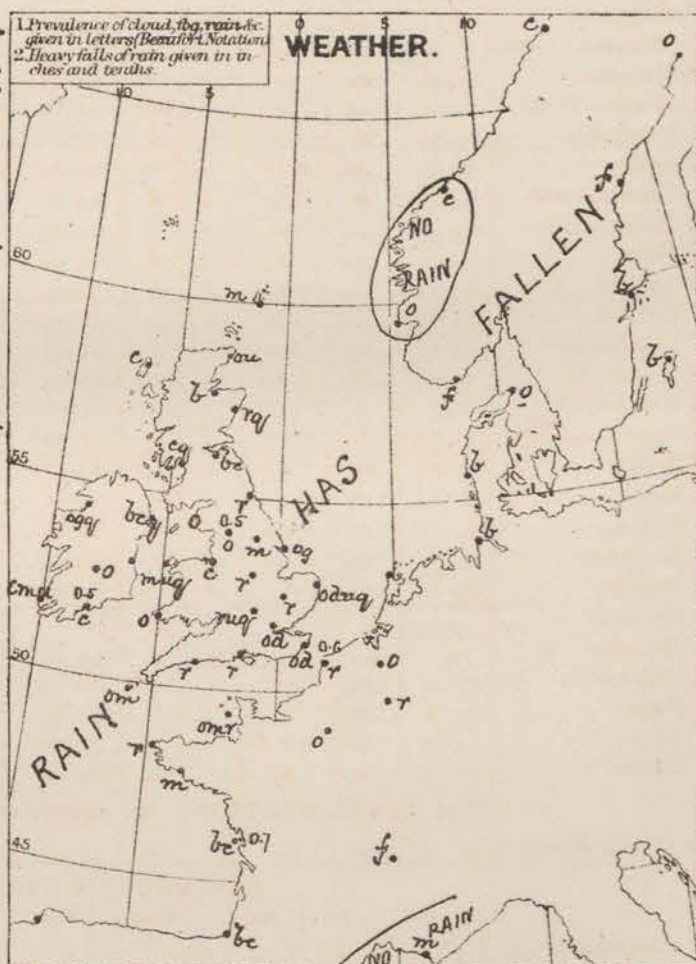
- Arrows fly with the wind.
 - Force (in) - Force (to) 10
 - 2, 4 - above 10
 - 5, 7 - above 10
- Dark curved arrow shows apparent general motion of air.
- Sea disturbance: - rough, - high.

WIND & SEA



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

WEATHER.



REMARKS.

The recovery in pressure noticed yesterday afternoon ceased suddenly in the evening, and a fresh and very deep depression has approached our coasts, causing a fall of over half an inch in the barometer in the N. of Ireland, while the depression which was shown to the N. of Scotland yesterday morning now lies over the N. of Norway. The mercury has fallen in all parts of N. Europe except Denmark and N. Germany. The highest pressures are still reported from S. France, and accordingly steep gradients are reported over the N. parts of the British Isles. The wind is S. and S.W. over all our coasts and the French coasts, while in Scandinavia the wind draws from S. over the Skager Rack into E. in the extreme N. All round our coasts the wind is strong to a gale in force, and is especially strong over Ireland. The weather is dull and very unsettled in all places except the S.W. of France, rain is falling at many stations, and fog or mist prevails in some parts. Temperature has risen a few degrees, and ranges from 45° in the N. to 55° in the S. The sea is very rough on nearly all parts of the coast. *Winnings.* The S. cone is flying over all coasts.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

27th Nov^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.	BAROMETEE.		SHADE TEMP.		Difference from 8 a.m. yesterday.	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.		Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.45	32	S	2	0	29.20	-1.32	33	32	+1	S	4	2	*	34	30	0.20	
Hernösand	29.53	27	SSW	2	0	29.20	-1.25	36	36	+1	S	2	0	*	36	21	0.08	
Stockholm	29.67	38	SSW	4	0	29.50	-1.10	41	41	+4	SW	6	0	*	41	36	0.08	
Wisby	29.78	41	SW	4	0	29.65	-1.03	45	45	+4	WSW	4	0	*	41	34	0.08	
Bodö	29.17	37	E	2	0	28.80	-1.24	38	35	+2	S	2	0	2	41	34	0.08	
Christiansund	28.89	45	SE	4	0	28.85	-1.40	43	41	-1	SW	8	0	5	45	36	0.16	
† Skudesnaes	29.11	48	SSE	9	0	29.32	-1.20	48	45	+3	SSW	6	0	6	48	45	-	
(Xö) (Xiansund)																		
Skagen (The Skaw)	29.43	43	SSW	7	2	29.57	-1.15	42	42	+2	SW	4	0	4	45	38	0.36	
Fanö	29.56	47	WSW	4	2	29.72	-1.10	46	45	+3	WSW	4	0	*	41	41	0.08	
Cuxhaven	29.74	50	SSW	6	2	29.86	-1.05	46	46	+6	SW	4	0	*	52	37	0.09	
† Sumburgh Head	28.41	47	SSW	9	0	29.07	-1.02	44	42	-1	W	8	0	8	48	43	0.12	
† Stornoway	28.63	46	W	8	0	29.32	+1.33	44	42	-4	WNW	6	0	6	50	40	0.29	
Wick	28.70	50	W	8	2	29.31	+1.48	41	39	-4	W	2	0	3	50	39	0.10	
Nairn	28.78	43	SW	5	0	29.36	+1.54	41	39	-3	SW	3	0	2	50	40	0.38	
† Aberdeen	28.92	46	SSW	8	0	29.41	+1.46	43	39	-4	W	3	0	3	52	38	-	
Leith	29.14	48	SW	10	0	29.53	+1.55	43	40	-9	W	6	0	*	53	38	-	
† Shields	29.31	50	SW	4	0	29.63	+1.40	44	42	-2	W	5	0	2	53	44	0.02	
Spurn Head	29.47	48	SSW	5	0	29.76	+1.36	44	42	-6	SW	5	0	4	55	44	0.01	
York	29.42	49	SW	3	0	29.76	+1.41	44	43	-6	SW	3	0	*	54	43	0.02	
Nottingham	29.56	46	S	4	0	29.86	+1.46	43	41	-13	SW	3	0	*	55	41	0.18	
† Ardrossan	29.18	49	WSW	9	0	29.61	+1.74	46	45	-6	WSW	4	0	4	52	44	0.10	
† Mullaghmore	29.21	44	WSW	6	0	29.63	+1.04	45	42	-4	SW	5	0	5	50	40	0.20	
Donaghadee	29.25	48	SSW	7	0	29.69	+1.77	40	39	-11	SSW	4	0	2	53	39	-	
Parsonstown	29.38	44	SW	3	0	29.81	+1.74	43	41	-8	W	6	0	*	51	38	0.09	
Barrow-in-Furness	29.38	48	SW	6	0	29.71	+1.47	46	44	-2	SW	4	0	6	52	42	0.09	
† Holyhead	29.44	50	W	5	0	29.80	+1.59	46	45	-6	SW	5	0	4	53	45	-	
Liverpool (Bidston)	29.42	49	SW	5	0	29.80	+1.50	44	41	-6	SW	4	0	2	53	44	0.04	
† Valentia	29.43	50	SW	7	0	29.88	+1.72	44	42	-7	WSW	4	0	4	52	41	0.16	
Roche's Point	29.49	48	WSW	5	0	29.86	+1.61	45	43	-7	W	3	0	5	53	43	0.13	
Pembroke	29.54	51	WSW	7	0	29.85	+1.51	50	47	-3	WSW	6	0	5	53	47	0.05	
† Scilly	29.69	49	W	6	0	29.99	+1.42	51	50	-2	WSW	6	0	6	54	47	0.04	
Prawle Point	29.72	49	SW	7	0	29.91	+1.30	50	48	-1	WSW	7	0	6	52	46	0.27	
Hurst Castle	29.72	51	W	6	0	30.01	+1.36	48	47	-7	W	5	0	4	55	47	0.25	
† Dover	29.73	50	SW	6	0	30.01	+1.29	47	46	-5	W	3	0	3	54	46	0.06	
† London	29.69	50	SW	4	0	29.98	+1.34	45	43	-10	WSW	3	0	*	57	44	0.11	
Oxford	29.69	48	SW	2	0	29.96	+1.42	45	43	-11	SW	2	0	*	56	45	0.17	
Cambridge	29.62	47	SW	2	0	29.93	+1.40	41	41	-13	SW	1	0	*	57	40	0.03	
† Yarmouth	29.61	51	SW	5	0	29.88	+1.24	44	42	-7	SW	4	0	3	56	42	-	
The Helder	29.67	49	SSW	5	0	29.87	+1.02	47	46	+5	SSW	4	0	2	52	41	0.12	
Cape Gris Nez	29.52	51	WSW	9	0	30.04	+1.31	50	50	-2	WSW	7	0	5	55	46	0.12	
† Jersey	29.88	52	SW	6	0	30.12	+1.32	50	48	-4	SW	5	0	4	55	49	0.20	
Brest	29.89	53	WSW	7	0	30.09	+1.31	51	48	-4	W	4	0	7	57	50	0.24	
Lorient	29.89	53	WSW	7	0	30.12	+1.26	51	46	-6	W	5	0	5	57	48	0.32	
† Rochefort	30.04	55	SW	4	0	30.20	+1.10	50	50	+1	SW	1	0	5	57	45	0.39	
Biarritz	30.12	63	S	5	0	30.27	+1.14	55	51	-7	W	7	0	7	68	50	0.32	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	30.05	+1.13	49	47	-1	SW	4	0	*	58	48	0.04	
Charleville	29.99	54	S	4	0	30.11	+1.05	48	45	-1	SSW	3	0	*	61	46	0.08	
Paris	29.95	57	?	5	0	30.18	+1.16	50	47	-5	SW	3	0	*	*	*	-	
Lyons	30.13	55	SW	1	0	30.24	-1.02	45	45	+2	WNW	1	0	*	57	33	-	
Toulon	30.29	51	SSE	3	0	30.22	-1.12	54	53	+1	SW	3	0	2	55	50	-	

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

Hawes Junction	28.15	45	SSW	6	0	28.47	+1.41	45	45	-3	SW	6	0	*	48	38	0.32
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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						Valentia	29.35	51	47	SW	7
Sumburgh Head	28.64	47	46	S	8	Scilly	29.61	53	51	WSW	9
Stornoway	28.22	48	48	SW	7	Dover	29.67	54	54	SW	7
Aberdeen	28.76	50	46	S	10	London	29.60	57	55	SW	6
Shields	29.18	52	49	SW	9	Yarmouth	29.54	55	54	SSW	5
Ardrossan	28.95	50	49	SW	10	Jersey	29.79	53	52	WSW	7
Mullaghmore	29.02	47	47	WSW	9	Rochefort	30.02	57	54	SSW	4
Holyhead	29.82	52	49	SW	8						

Pressure is increasing in the N, falling quickly in the N, and slightly in the E. The depression has travelled NE and is now shown to the N of Scotland, where very hard gales are reported. The sky is almost cloudless in the NE.

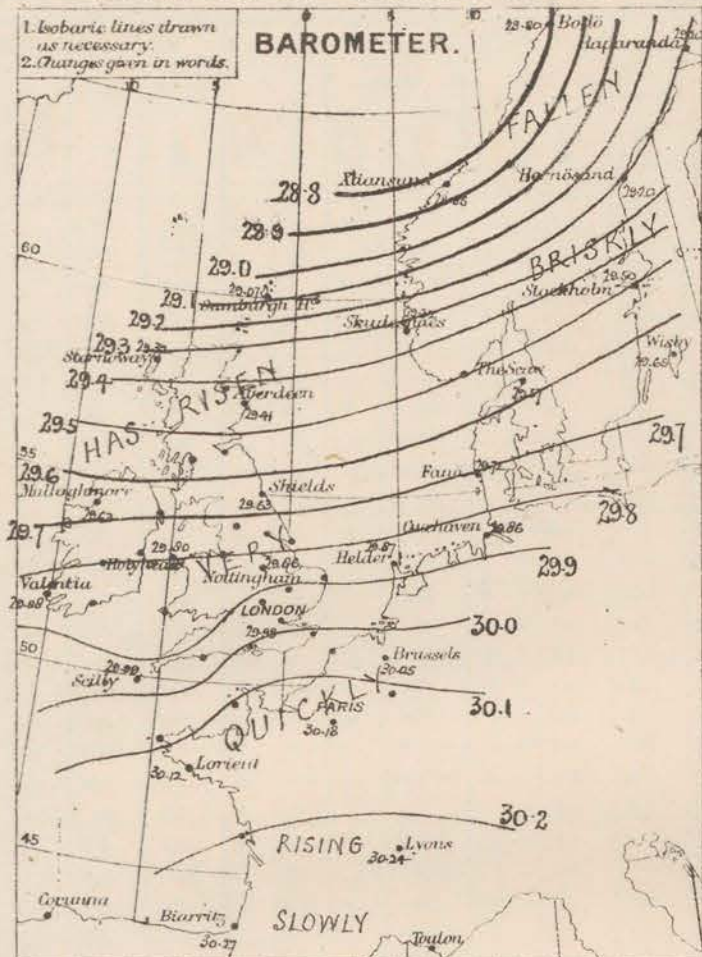
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (lower); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our Islands, 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 27th Nov^r. 1880.

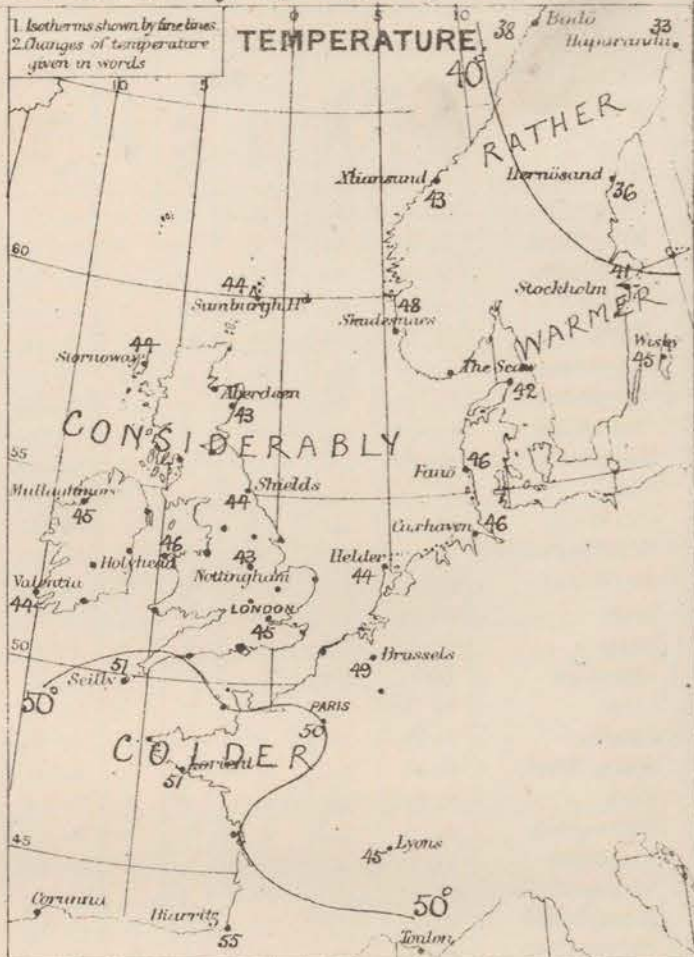
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



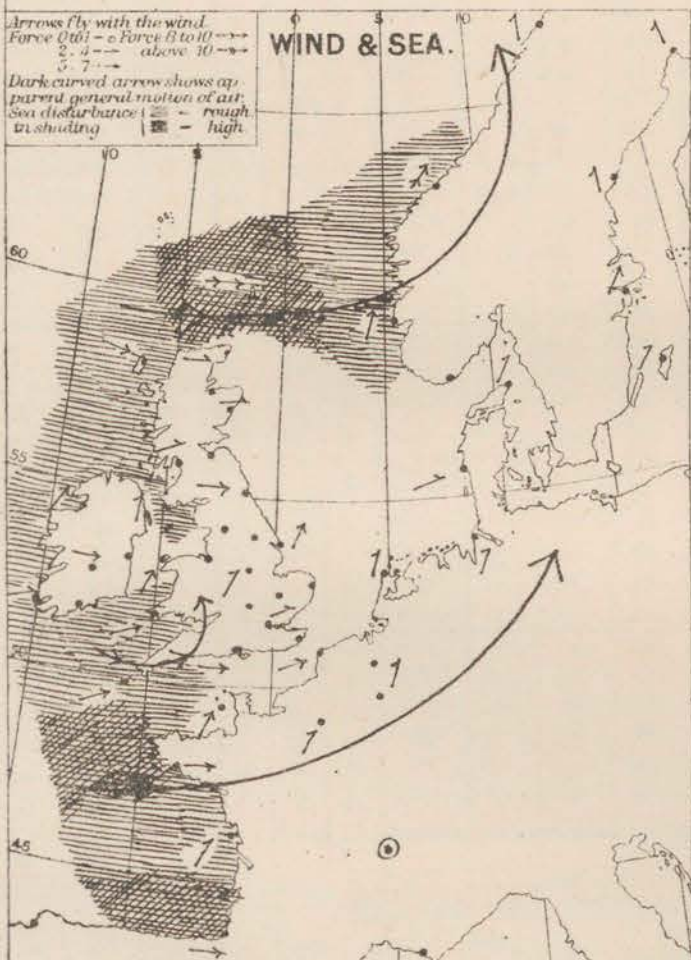
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



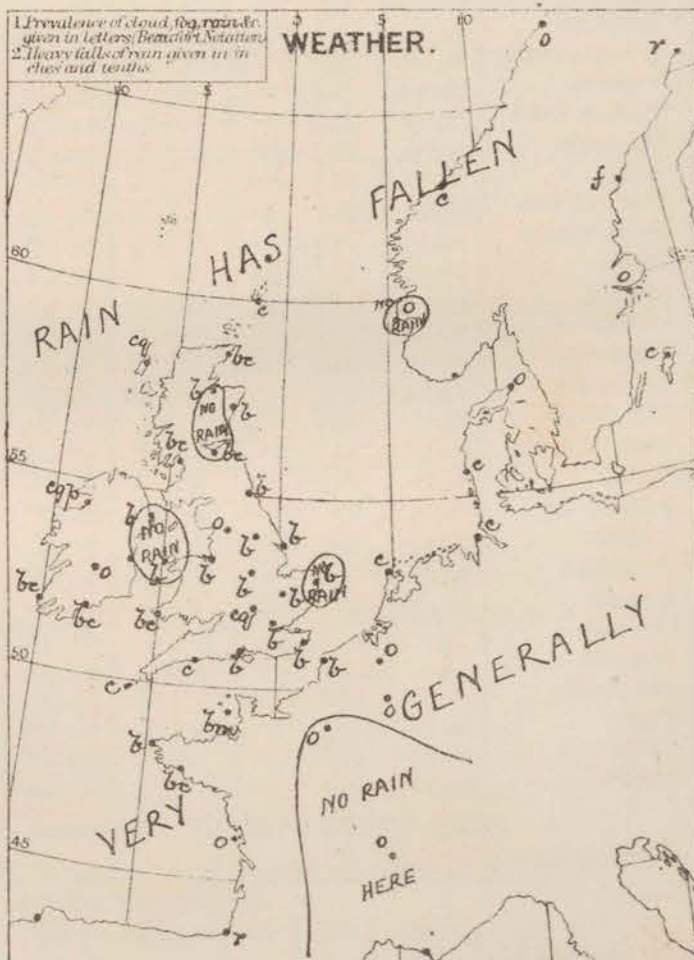
Arrows fly with the wind.
Force 0-6 - a Force 6 to 10 -
2 - 3 - above 10 -
Dark curved arrow shows ap-
proximate general motion of air.
Sea disturbance - rough
in shading - high

WIND & SEA.



1. Prevalence of cloud, fog, rain &c.
given in letters: B, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z.
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS.

The deep depression which lay off the N. coast of Ireland yesterday has since passed away N^o to the NW coast of Norway. The mercury has consequently fallen quickly over Scandinavia, while a recovery has taken place over the whole of these Islands, the rise ranging from over an inch in N. Ireland to 0.3 in: in the SE. of England. The area of highest pressure still lies over S. France, but gradients are much slighter over the British Isles. The wind is still S. and SW. over Norway and Sweden, but has veered to the N^o at most of our own and the French stations. It blows strongly on our extreme N^o and S^o coasts, but is moderate or fresh elsewhere. The weather is fine and bright over nearly the whole of these Islands and the N. of France, but in N. Ireland, the E. and S. of France, and the countries to the E^o of the North Sea the sky is overcast with rain in a few places. Slight rain has fallen in all districts. Temperature has fallen except in Denmark and Sweden, and readings are moderately uniform, ranging from 57^o at Scilly to 44^o at Wick. The maximum yesterday was about 60^o in nearly all places. The sea is still very rough in the N. and in the SW.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

28th Nov^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.	Force. (0 to 12).	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	29.07	34	SW	4	0	29.15	1.05	30	29	- 3	5	2	6	34	28	-						
Hernösand	29.31	35	S	2	6	29.42	+ .22	42	37	+ 6	SW	4	0	?	23	-						
Stockholm	29.59	42	WSW	6	0	29.78	+ .28	41	39	0	WSW	8	6	45	37	-						
Wisby	29.73	44	SW	6	0	29.93	+ .28	42	40	- 3	W	6	6	46	32	-						
Bodo	29.83	43	SW	6	0	29.06	+ .26	38	36	0	SE	2	0	43	36	0.20						
Christiansund	29.08	44	SW	9	2	29.55	+ .73	44	41	+ 1	SW	9	6	45	34	0.35						
† Skudesnaes	29.72	46	WSW	7	0	29.85	+ .53	46	44	- 2	SSW	8	5	?	45	-						
Oxö (Xiansund)	29.75	44	WSW	6	6	29.96		45	44		SW	6	4	46	43	-						
Skagen (The Skaw)	29.82	42	WSW	6	6	29.99	+ .42	42	41	0	WSW	6	5	46	37	-						
Fanö	30.10	44	WSW	4	6	30.22	+ .50	44	43	- 2	WSW	4	6	46	43	-						
Cuxhaven	30.11	45	SW	4	0	30.38	+ .52	43	43	- 3	WSW	3	0	46	39	0.01						
† Sumburgh Head	29.47	45	W	7	6	30.49	+ .42	46	45	+ 2	SW	6	6	48	43	0.16						
† Stornoway	29.61	45	WSW	4	6	30.46	+ .14	49	49	+ 5	SW	9	8	50	44	0.40						
Wick	29.58	41	W	3	6	30.54	+ .23	50	48	+ 9	S	4	3	50	39	-						
Nairn	29.69	42	SW	2	0	29.57	+ .21	51	48	+ 10	SW	8	3	51	41	0.06						
† Aberdeen	29.74	42	S	1	6	29.74	+ .33	48	47	+ 5	S	6	3	48	40	-						
Leith	29.85	45	W	3	6	29.79	+ .26	52	49	+ 9	SW	9	6	52	41	-						
† Shields	29.84	46	W	2	6	30.00	+ .37	50	48	+ 6	WSW	7	2	51	44	-						
Spurn Head	30.06	44	SW	4	6	30.21	+ .45	44	42	0	WSW	4	4	53	40	-						
York	30.03	45	SSW	3	6	30.16	+ .40	45	43	+ 1	S	1	0	49	41	-						
Nottingham	30.14	42	S	3	6	30.28	+ .42	45	43	+ 2	SSW	3	0	50	39	0.01						
† Ardrossan	29.88	47	WSW	4	6	29.85	+ .24	5	50	+ 5	SW	7	6	51	45	0.14						
† Mullaghmore	29.84	47	SW	6	40	29.69	+ .06	52	50	+ 7	SW	9	6	52	43	0.01						
Donaghadee	29.97	43	SW	3	6	29.88	+ .19	50	48	+ 10	SSW	6	4	51	39	-						
Parsonstown	30.03	42	W	1	6	29.94	+ .13	51	48	+ 8	SW	8	0	51	39	0.09						
Barrow-in-Furness	30.03	45	SW	3	6	30.08	+ .37	49	47	+ 3	SSW	6	6	50	44	-						
† Holyhead	30.04	47	WSW	3	6	30.09	+ .29	52	49	+ 6	SSW	7	4	52	45	-						
Liverpool (Bilston)	30.07	44	WSW	3	6	30.15	+ .35	50	46	+ 6	SW	5	3	51	43	0.01						
† Valentia	30.03	51	SSW	4	0	29.92	+ .04	55	51	+ 11	S	9	8	55	44	0.02						
Roche's Point	30.08	50	W	3	6	30.04	+ .18	52	50	+ 7	SW	7	5	53	45	-						
Pembroke	30.12	50	WSW	6	6	30.22	+ .37	52	50	+ 2	SSW	8	6	52	47	0.03						
† Scilly	30.25	51	WSW	5	6	30.32	+ .33	53	51	+ 2	SSW	6	6	53	49	0.01						
Prawle Point	30.28	48	W	4	6	30.40	+ .49	51	49	+ 1	SSW	4	4	54	47	-						
Hurst Castle	30.27	47	WSW	3	6	30.43	+ .42	49	48	+ 1	W	4	4	51	47	0.02						
† Dover	30.24	47	SW	3	6	30.47	+ .46	47	46	0	W	3	2	52	42	-						
† London	30.22	45	WSW	2	6	30.41	+ .43	46	44	+ 1	SW	4	6	56	41	-						
Oxford	30.26	43	SW	2	6	30.36	+ .40	45	44	0	S	2	6	53	41	-						
Cambridge	30.18	44	SW	1	6	30.32	+ .39	43	42	+ 2	S	1	6	52	36	-						
† Yarmouth	30.14	45	SW	2	6	30.35	+ .47	42	41	- 2	SSW	3	2	49	39	-						
The Helder	30.17	46	?	1	6	30.37	+ .50	46	45	- 1	SW	3	2	48	?	-						
Cape Gris Nez	30.24	50	WSW	4	6	30.48	+ .44	48	46	- 2	WSW	3	2	55	46	0.04						
† Jersey	30.35	50	WSW	3	6	30.53	+ .41	48	47	- 2	SSW	3	3	53	47	0.02						
Brest	30.38	51	NW	3	6	30.47	+ .38	52	50	+ 1	WSW	3	3	54	50	-						
Lorient	30.41	49	WNW	4	6	30.49	+ .37	48	46	- 3	SW	1	5	55	44	-						
† Rochefort	30.39	50	W	2	6	30.52	+ .32	39	39	- 11	E	3	2	57	36	-						
Biarritz	30.43	50	S	3	2	30.49	+ .22	44	42	- 11	ESE	5	5	63	39	0.32						
Corunna	*	*	*	*	*	30.45		41	*		SW	1	5	*	*	*						
Brussels	*	*	*	*	*	30.52	+ .47	41	40	- 8	SSW	1	6	54	41	-						
Charleville	30.34	40	SSW	1	6	30.55	+ .44	38	37	- 10	SSE	1	6	57	34	-						
Paris	30.37	48	?	4	6	30.59	+ .41	38	37	- 12	SE	1	6	*	*	-						
Lyons	30.38	52	NW	1	0	30.52	+ .28	45	44	0	N	1	6	55	42	-						
Toulon	30.17	54	W	1	6	30.33	+ .11	51	49	- 3	NE	4	2	57	50	-						

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

Hawes Junction	28.75	41	WSW	6	0	28.81	+ .34	45	43	0	SW	6	0	45	40	0.03			
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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	29.50	45	43	SW	7	0	Valentia	29.99	51	47	WSW	6	6
Sumburgh Head	29.24	45	43	W	7	6	Scilly	30.14	53	50	WSW	6	6
Stornoway	29.46	46	44	WNW	6	6	Dover	30.11	51	49	W	3	3
Aberdeen	29.61	46	42	SW	3	3	London	30.09	52	48	SW	2	6
Shields	29.80	50	46	W	3	2	Yarmouth	30.01	49	46	WSW	3	3
Ardrossan	29.78	47	46	WSW	4	4	Jersey	30.22	53	50	WSW	5	5
Mullaghmore	29.77	47	43	WSW	6	5	Rochefort	30.30	54	52	WNW	2	5
Holyhead	29.92	48	45	WSW	4	3							

Pressure continues everywhere. The weather remains fine except on our extreme W. coasts, where it is cloudy and showery. The wind is W or SW and still blows strongly in the SW.

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.

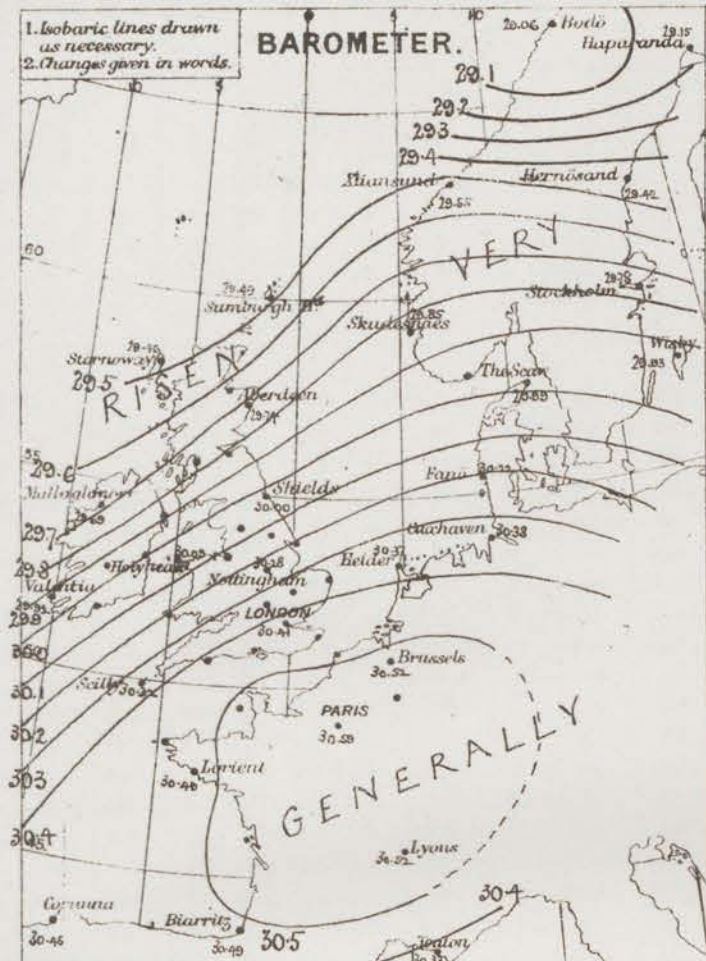
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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 Sunday 28th Nov^r 1880.

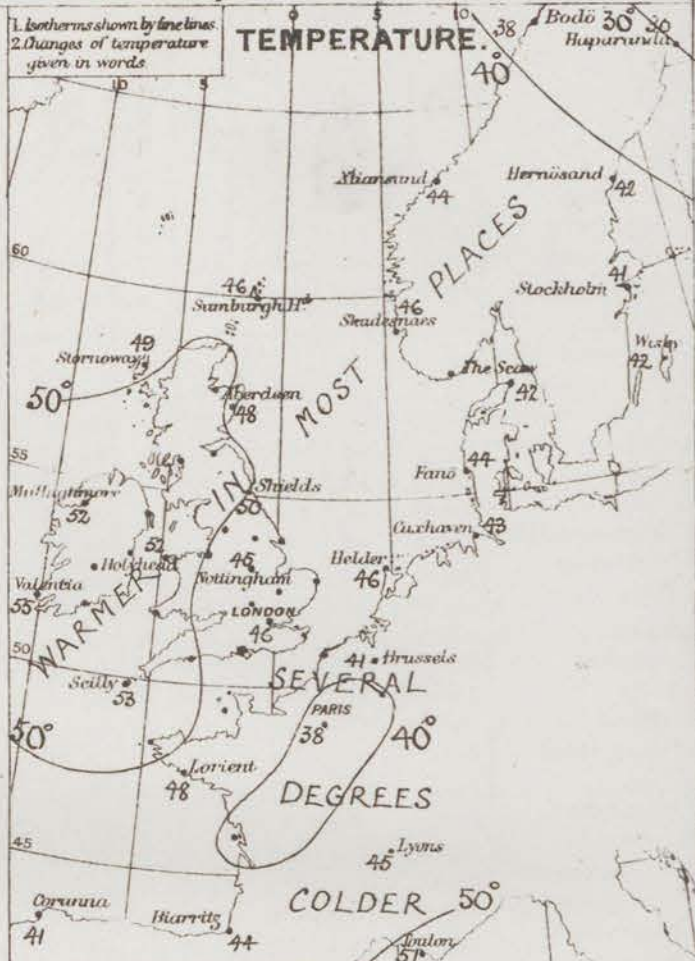
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

TEMPERATURE.



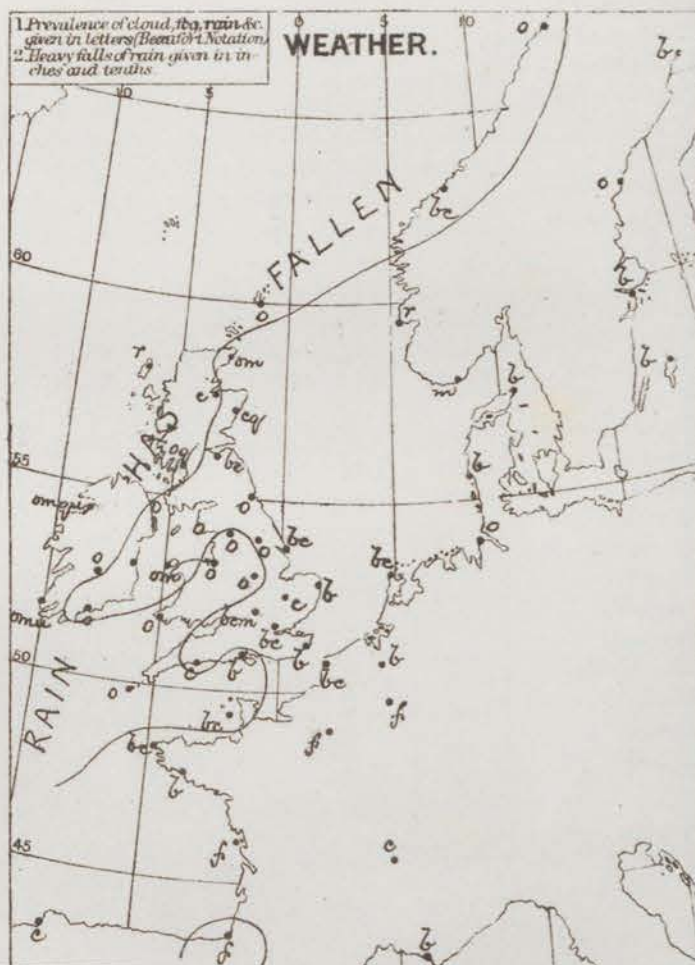
Arrows fly with the wind.
Force 0 to 10 — Force 8 to 10 —
Force 11 to 20 — Force 11 to 20 —
Force 21 to 30 — Force 21 to 30 —
Force 31 to 40 — Force 31 to 40 —
Force 41 to 50 — Force 41 to 50 —
Force 51 to 60 — Force 51 to 60 —
Force 61 to 70 — Force 61 to 70 —
Force 71 to 80 — Force 71 to 80 —
Force 81 to 90 — Force 81 to 90 —
Force 91 to 100 — Force 91 to 100 —
Force 101 to 110 — Force 101 to 110 —
Force 111 to 120 — Force 111 to 120 —
Force 121 to 130 — Force 121 to 130 —
Force 131 to 140 — Force 131 to 140 —
Force 141 to 150 — Force 141 to 150 —
Force 151 to 160 — Force 151 to 160 —
Force 161 to 170 — Force 161 to 170 —
Force 171 to 180 — Force 171 to 180 —
Force 181 to 190 — Force 181 to 190 —
Force 191 to 200 — Force 191 to 200 —
Force 201 to 210 — Force 201 to 210 —
Force 211 to 220 — Force 211 to 220 —
Force 221 to 230 — Force 221 to 230 —
Force 231 to 240 — Force 231 to 240 —
Force 241 to 250 — Force 241 to 250 —
Force 251 to 260 — Force 251 to 260 —
Force 261 to 270 — Force 261 to 270 —
Force 271 to 280 — Force 271 to 280 —
Force 281 to 290 — Force 281 to 290 —
Force 291 to 300 — Force 291 to 300 —
Force 301 to 310 — Force 301 to 310 —
Force 311 to 320 — Force 311 to 320 —
Force 321 to 330 — Force 321 to 330 —
Force 331 to 340 — Force 331 to 340 —
Force 341 to 350 — Force 341 to 350 —
Force 351 to 360 — Force 351 to 360 —
Force 361 to 370 — Force 361 to 370 —
Force 371 to 380 — Force 371 to 380 —
Force 381 to 390 — Force 381 to 390 —
Force 391 to 400 — Force 391 to 400 —
Force 401 to 410 — Force 401 to 410 —
Force 411 to 420 — Force 411 to 420 —
Force 421 to 430 — Force 421 to 430 —
Force 431 to 440 — Force 431 to 440 —
Force 441 to 450 — Force 441 to 450 —
Force 451 to 460 — Force 451 to 460 —
Force 461 to 470 — Force 461 to 470 —
Force 471 to 480 — Force 471 to 480 —
Force 481 to 490 — Force 481 to 490 —
Force 491 to 500 — Force 491 to 500 —
Force 501 to 510 — Force 501 to 510 —
Force 511 to 520 — Force 511 to 520 —
Force 521 to 530 — Force 521 to 530 —
Force 531 to 540 — Force 531 to 540 —
Force 541 to 550 — Force 541 to 550 —
Force 551 to 560 — Force 551 to 560 —
Force 561 to 570 — Force 561 to 570 —
Force 571 to 580 — Force 571 to 580 —
Force 581 to 590 — Force 581 to 590 —
Force 591 to 600 — Force 591 to 600 —
Force 601 to 610 — Force 601 to 610 —
Force 611 to 620 — Force 611 to 620 —
Force 621 to 630 — Force 621 to 630 —
Force 631 to 640 — Force 631 to 640 —
Force 641 to 650 — Force 641 to 650 —
Force 651 to 660 — Force 651 to 660 —
Force 661 to 670 — Force 661 to 670 —
Force 671 to 680 — Force 671 to 680 —
Force 681 to 690 — Force 681 to 690 —
Force 691 to 700 — Force 691 to 700 —
Force 701 to 710 — Force 701 to 710 —
Force 711 to 720 — Force 711 to 720 —
Force 721 to 730 — Force 721 to 730 —
Force 731 to 740 — Force 731 to 740 —
Force 741 to 750 — Force 741 to 750 —
Force 751 to 760 — Force 751 to 760 —
Force 761 to 770 — Force 761 to 770 —
Force 771 to 780 — Force 771 to 780 —
Force 781 to 790 — Force 781 to 790 —
Force 791 to 800 — Force 791 to 800 —
Force 801 to 810 — Force 801 to 810 —
Force 811 to 820 — Force 811 to 820 —
Force 821 to 830 — Force 821 to 830 —
Force 831 to 840 — Force 831 to 840 —
Force 841 to 850 — Force 841 to 850 —
Force 851 to 860 — Force 851 to 860 —
Force 861 to 870 — Force 861 to 870 —
Force 871 to 880 — Force 871 to 880 —
Force 881 to 890 — Force 881 to 890 —
Force 891 to 900 — Force 891 to 900 —
Force 901 to 910 — Force 901 to 910 —
Force 911 to 920 — Force 911 to 920 —
Force 921 to 930 — Force 921 to 930 —
Force 931 to 940 — Force 931 to 940 —
Force 941 to 950 — Force 941 to 950 —
Force 951 to 960 — Force 951 to 960 —
Force 961 to 970 — Force 961 to 970 —
Force 971 to 980 — Force 971 to 980 —
Force 981 to 990 — Force 981 to 990 —
Force 991 to 1000 — Force 991 to 1000 —

WIND & SEA.



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

WEATHER.



REMARKS. The weather has become overcast, squally and very unsettled in the W. and N. of these Islands, but over the SE. of England the sky is clear or nearly so. A fresh fall of the barometer has occurred in the W., and the wind has backed on all coasts, and now blows from SW to S. except over the E. half of the Channel; in the W. and N. it has not only backed, but has increased very considerably in force, and hard gales are now reported from the W. of Ireland, and W. of Scotland, and fresh gales are now reported from the E. of Scotland. Temperature has risen except over France and readings are high for the time of year, ranging over these Islands from 46° in the Shetlands to 55° at Valencia. The maximum yesterday were between 50° and 55° generally. The sea is very rough in the north and west. Warnings. The S. breeze was hoisted on our W. coasts last night, and on our N. coasts this morning.

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

29th Nov.

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.	Difference from 8 a.m. yesterday.	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	29.49	21	W	2	6	29.41	+ .26	28	33	- 2	SE	2	0	*	30	16	-		
Hernösand	29.75	39	SW	2	0	29.64	+ .22	35	34	- 7	2	0	0	*	45	32	0.04		
Stockholm	29.90	44	WSW	6	0	29.79	+ .01	47	45	+ 6	WSW	4	0	*	?	?	-		
Wisby	30.01	43	WSW	6	0	29.95	+ .02	45	43	+ 3	W	4	0	*	45	36	-		
Bodö																			
Christiansund																			
Skudesnaes	29.82	48	SSW	6	2	29.87	+ .02	46	45	0	WSW	6	0	6	48	46	-		
Oxö (Xiänsund)	29.95	46	SW	6	f	29.91	- .05	46	46	+ 1	SW	5	2	3	46	45	0.08		
Skagen (The Skaw)	30.02	46	WSW	5	0	30.00	+ .01	47	46	+ 5	WSW	6	0	5	?	?	-		
Fanö	30.24	48	WSW	4	0	30.22	.00	47	45	+ 3	SW	4	0	*	?	?	-		
Cuxhaven	30.42	45	SW	5	0	30.42	+ .04	43	43	0	WSW	4	0	*	45	41	-		
Sumburgh Head	29.47	48	SW	5	c	29.65	+ .16	44	42	- 2	W	9	2	8	49	43	0.04		
Stornoway	29.50	50	WSW	9	6	29.79	+ .33	45	44	- 4	W	8	c	7	52	39	0.15		
Wick	29.58	47	SW	5	6c	29.85	+ .31	42	40	- 8	WSW	4	ohp	3	51	40	0.02		
Nairn	29.65	46	SW	6	0	29.90	+ .33	44	42	- 7	WSW	3	6	2	54	43	0.21		
Aberdeen	29.73	53	SSW	5	0g	29.99	+ .25	39	37	- 9	WSW	1	6m	2	54	39	0.01		
Leith	29.77	52	SW	10	2	30.05	+ .26	46	44	- 6	SW	5	6	*	55	43	0.05		
Shields	30.00	53	SW	7	0	30.14	+ .14	50	48	0	2	0	f	2	53	46	-		
Spurn Head	30.21	47	SW	5	6	30.26	+ .05	46	44	+ 2	SSW	5	6c	4	50	44	-		
York	30.16	52	WSW	5	6c	30.21	+ .05	50	47	+ 5	SW	3	c	*	53	44	-		
Nottingham	30.28	50	SSW	5	c	30.31	+ .03	47	45	+ 2	SSW	3	c	*	51	43	-		
Ardrossan	29.79	52	SW	7	2g	30.10	+ .25	47	46	- 4	WSW	2	c	2	52	46	0.24		
Mullaghmore	29.80	47	SW	3	d	30.10	+ .41	44	43	- 8	SW	4	omg	4	53	44	0.47		
Donaghadee	29.86	51	SSW	7	0	30.14	+ .26	43	43	- 7	WSW	3	6c	1	53	43	0.16		
Parsonstown	29.96	53	SSW	6	0	30.18	+ .24	45	45	- 6	2	0	c	*	54	45	0.19		
Barrow-in-Furness	30.09	51	SSW	6	0	30.19	+ .11	48	47	- 1	SSW	3	2m	6	51	46	0.60		
Holyhead	30.07	52	SSW	8	dq	30.20	+ .11	51	51	- 1	SSW	4	d	3	53	50	0.62		
Liverpool (Bidston)	30.15	52	SSW	6	0	30.22	+ .07	51	49	+ 1	S	4	0	3	54	50	-		
Valentia	29.95	53	S	9	2g	30.18	+ .26	51	50	- 4	SSW	3	0	4	56	47	0.27		
Roche's Point	30.08	51	SW	8	2	30.18	+ .14	51	51	- 1	SW	3	2	5	55	44	0.65		
Pembroke	30.21	52	SSW	8	c	30.25	+ .03	52	50	0	SSW	7	0	6	53	51	0.02		
Scilly	30.32	53	SSW	7	0	30.33	+ .01	52	50	- 1	SSW	5	c	6	54	51	-		
Prawle Point	30.41	51	SSW	5	c	30.41	+ .01	50	49	- 1	SW	3	0	3	55	48	-		
Hurst Castle	30.44	51	WSW	5	c	30.44	+ .01	50	49	+ 1	WSW	4	6c	4	52	49	-		
Dover	30.45	48	WSW	5	6	30.47	.00	49	47	+ 2	WSW	4	6	3	51	46	-		
London	30.41	48	WSW	3	6	30.43	+ .02	48	41	- 3	S	2	6c	*	53	39	-		
Oxford	30.37	49	SW	4	0	30.40	+ .04	43	42	- 2	S	1	c	*	53	43	-		
Cambridge	30.35	44	S	2	6	30.38	+ .06	43	43	0	S	1	6c	*	52	40	-		
Yarmouth	30.35	47	SSW	3	6c	30.38	+ .03	43	42	+ 1	SSW	3	6m	3	48	41	-		
The Helder																			
Cape Gris Nez	30.47	49	WSW	5	6c	30.49	+ .01	43	43	- 5	SW	4	6c	3	52	43	-		
Jersey	30.53	49	S	3	6	30.53	.00	42	42	- 6	SSE	2	f	3	52	41	-		
Brest	30.45	52	SW	4	6	30.43	+ .04	51	49	- 1	S	3	0	6	55	50	-		
Lorient	30.47	50	SSW	4	6	30.43	- .06	41	40	- 7	SE	4	m	4	54	39	-		
Rochefort	30.51	46	SE	3	f	30.46	- .06	40	39	+ 1	SE	5	0	2	52	36	-		
Biarritz						30.													
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*			*							*	*	*		
Charleville	30.60	40	SSE	3	f	30.58	+ .03	33	31	- 5	SSE	3	f	*	?	?	-		
Paris	30.60	41	2	0	f	30.59	.00	35	35	- 3	SE	1	f	*	*	*	-		
Lyons															*	*	*		
Toulon															*	*	*		

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

Hawes Junction	28.79	46	WSW	8	0	28.92	+ .11	44	44	- 1	W	4	2m	*	47	43	0.97
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YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

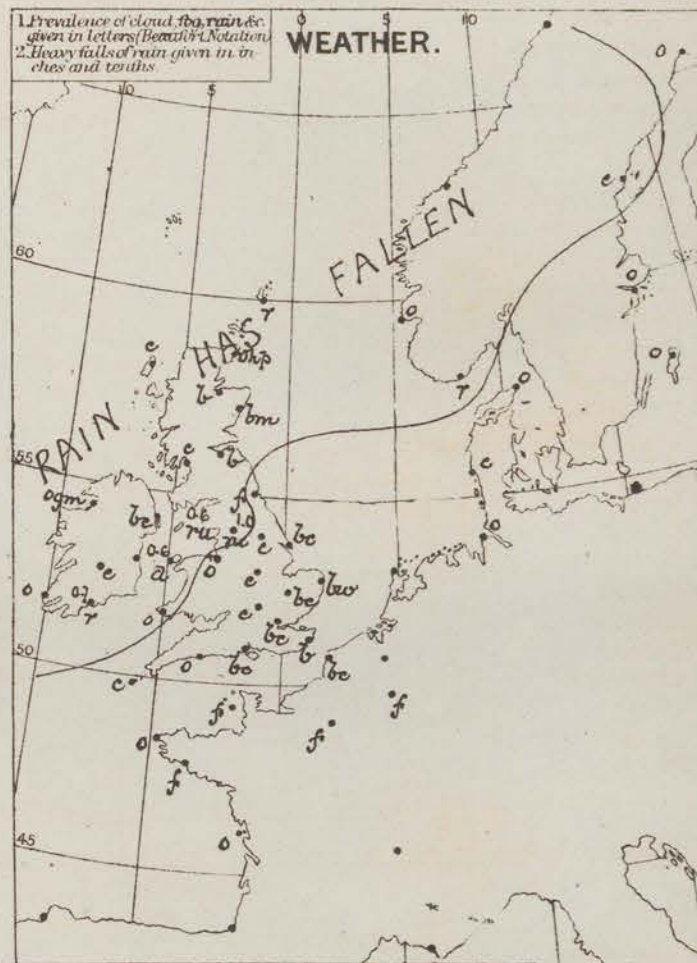
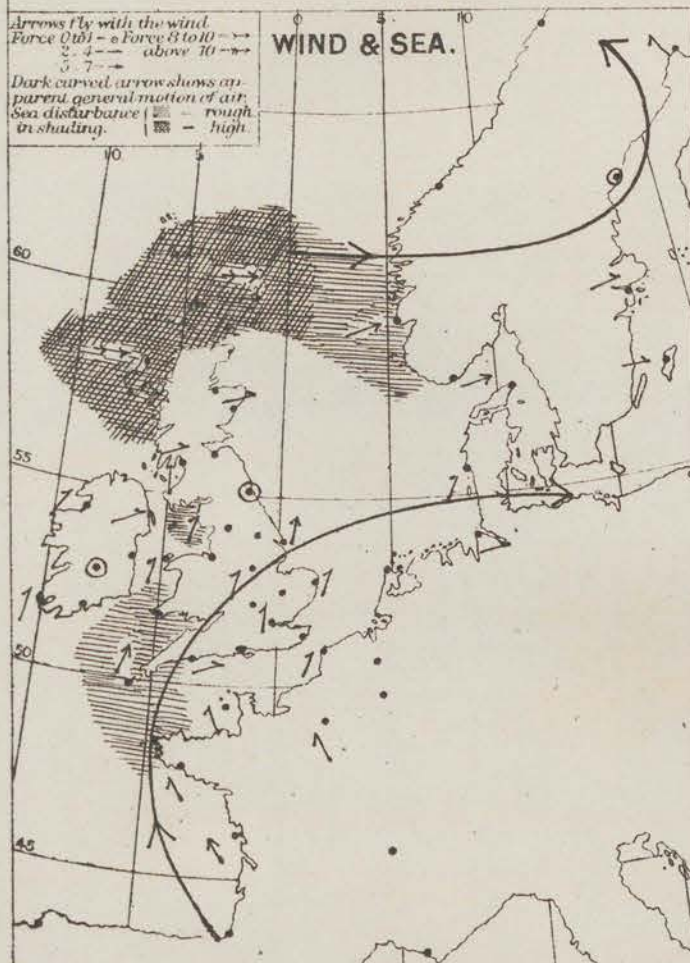
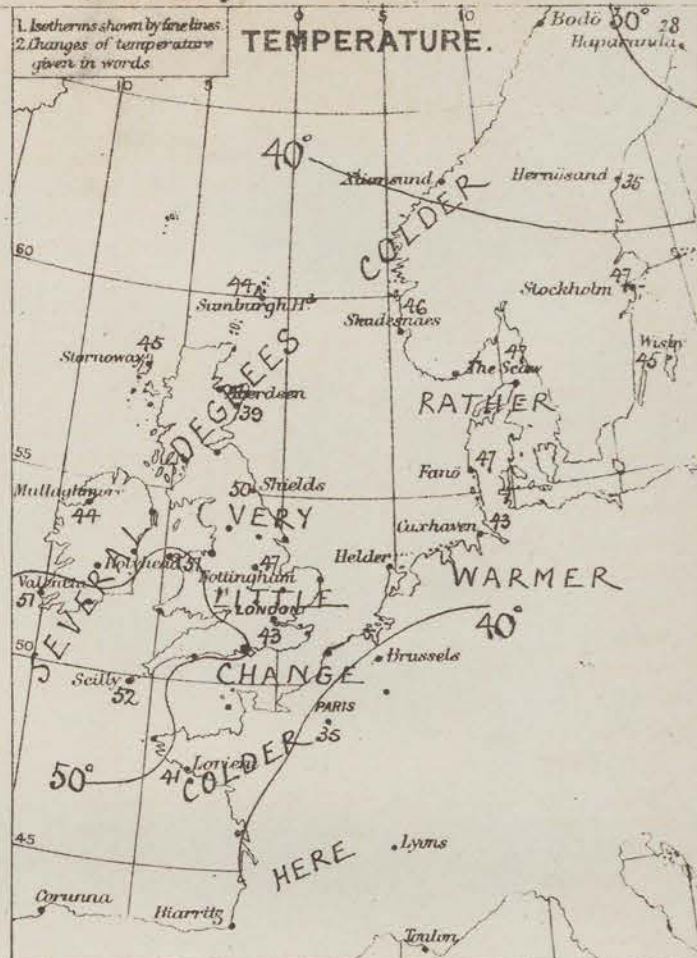
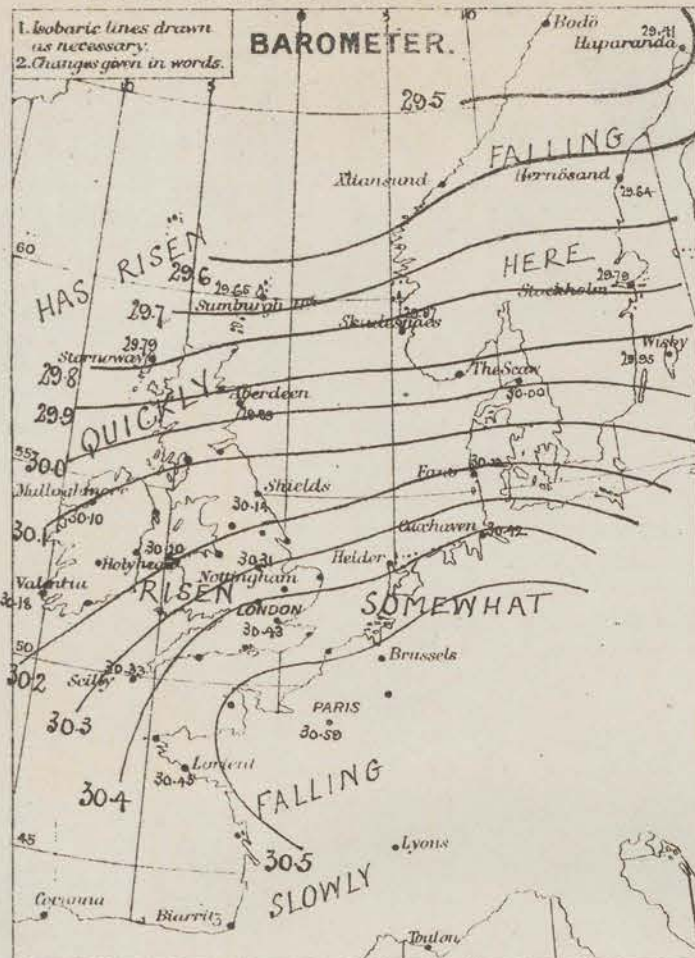
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.85	47	46	SSW	7	0	6	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.53	46	45	SE	3	f	2
Holyhead ...															

ERRATUM. In the heading of the Weekly Weather Report, issued on Saturday last, for "November 15th 1880", read "November 22nd 1880".

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 12 hours); 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 29th Nov^r 1880.



REMARKS. A slight fall of the barometer has occurred over France, that is within the area of highest pressure, while a brisk increase has occurred over these Islands, more particularly in the N, so that whole readings still remain highest in the neighbourhood of Paris, and lowest to the N^W of Scotland; gradients have decreased considerably. The wind is SE^l over France, SW over Ireland, England and the Dutch Sea, and W in Scotland. It still blows a fresh to strong gale on our extreme N^W coasts, but light or moderate breezes are reported elsewhere. The weather is fine and bright over the E^l and Central parts of Gr. Britain, but elsewhere the sky is cloudy or overcast; rain is falling at some W^l stations, hail showers at Wick, and fog prevails over Central and N^l France. Rain has fallen in the W. and N. Temperature has fallen briskly in the W. and N, but elsewhere there is little change, and readings range from 32° in the SW to 42° at Wick. Sea is exceedingly rough in the N, and rough in the W.

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT

30th Nov^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.	BAROMETRIES.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.25	32	SW	2	b	29.25	- .16	28	27	0	2	0	b	*	32	25	-		
Hernösand	29.63	35	SW	2	b	29.56	- .08	34	32	- 1	SSW	2	c	*	41	32	-		
Stockholm	29.86	42	WSW	8	b	29.80	+ .01	40	37	- 7	W	8	b	*	48	?	-		
Wisby	29.96	43	WSW	6	b	29.94	- .01	42	40	- 3	W	6	b	*	46	37	-		
Bodö	29.17	40	SW	6	0	29.09	- .04	39	37	- 5	WSW	4	h	4	?	37	3.51		
Christiansund	29.46	43	WSW	9	0	29.49	+ .03	45	39	+ 1	WSW	9	t	7	45	37	0.35		
† Skudesnaes	30.00	46	WSW	6	b	30.02	+ .15	46	43	0	W	8	0	6	?	46	-		
(Oxö) (Xiansund)	30.06	44	SW	4	m	30.09	+ .18	44	42	- 2	SW	4	m	3	46	41	-		
Skagen (The Skaw)	30.10	44	WSW	5	0	30.09	+ .09	42	42	- 5	W	3	c	3	48	40	-		
Fanö	30.26	46	WSW	4	h	30.26	+ .04	45	45	- 2	WSW	4	b	*	?	45	0.20		
Cuxhaven	30.42	44	SW	4	0	30.40	- .02	42	?	- 1	WSW	3	f	*	?	41	-		
† Sumburgh Head	29.75	45	W	9	b	29.94	- .29	45	43	+ 1	W	7	c	7	46	42	0.24		
† Stornoway	29.94	45	W	6	b	30.08	+ .29	43	43	- 2	SW	1	c	1	48	40	0.06		
Wick	29.91	43	W	5	b	30.12	+ .27	42	40	0	SSW	1	0	2	53	38	0.02		
Nairn	30.03	43	SW	3	b	30.14	+ .24	42	40	- 2	2	0	b	0	48	40	0.01		
† Aberdeen	30.09	43	SSW	1	b	30.19	+ .20	40	38	+ 1	2	0	om	1	46	38	-		
Leith	30.16	47	SW	2	c	30.22	+ .17	47	43	+ 1	SW	1	h	*	48	39	0.01		
† Shields	30.21	49	WSW	1	om	30.27	+ .13	46	45	- 4	2	0	f	2	51	43	0.03		
Spurn Head	30.30	46	SW	4	c	30.35	+ .09	46	45	0	WSW	3	c	2	51	44	-		
York	30.26	51	WSW	2	b	30.33	+ .12	47	46	- 3	S	1	0	*	52	45	-		
Nottingham	30.35	46	S	3	b	30.37	+ .06	45	43	- 2	S	3	0	*	51	44	-		
† Ardrossan	30.20	48	SW	2	b	30.20	+ .10	46	45	- 1	SE	2	h	1	48	45	0.06		
† Mullaghmore	30.18	46	SW	3	b	30.05	- .05	45	44	+ 1	ESE	5	h	5	49	43	0.20		
Donaghadee	30.25	43	W	3	c	30.17	+ .03	47	47	+ 4	SE	2	h	0	47	41	0.03		
Parsonstown	30.27	44	2	0	b	30.14	- .04	51	50	+ 6	SSW	5	0	*	52	42	0.15		
Barrow-in-Furness	30.24	47	SSW	3	h	30.28	+ .09	47	46	- 1	SSE	3	f	3	48	44	0.45		
† Holyhead	30.25	51	WSW	2	m	30.25	+ .05	50	49	- 1	SSW	3	m	2	52	48	0.54		
Liverpool (Bidston)	30.27	51	SSW	3	0	30.30	+ .08	49	47	- 2	S	2	0	1	52	48	0.13		
† Valentia	30.26	46	SSW	1	c	30.12	- .06	53	51	+ 2	S	8	omg	7	55	45	0.24		
Roche's Point	30.25	49	WSW	2	0	30.22	+ .04	48	46	- 3	SSW	5	0	5	54	44	0.32		
Pembroke	30.30	52	SSW	6	0	30.21	+ .06	50	48	- 2	SSW	5	b	5	52	50	0.02		
† Scilly	30.35	53	SSW	5	c	30.35	+ .02	50	49	- 2	SSW	5	0	5	55	49	-		
Prawle Point	30.42	48	SSW	2	b	30.41	00	48	47	- 2	SE	2	b	2	52	46	-		
Hurst Castle	30.44	48	WSW	3	b	30.44	00	44	44	- 6	S	2	ow	4	51	38	-		
† Dover	30.47	48	WSW	4	b	30.49	+ .02	48	46	- 1	SW	3	c	2	50	42	-		
† London	30.45	44	WSW	2	b	30.46	+ .03	43	41	- 1	S	2	0	*	51	39	-		
Oxford	30.43	44	SSE	2	b	30.43	+ .03	40	40	- 3	S	2	b	*	53	39	-		
Cambridge	30.40	44	2	0	0	30.42	+ .04	38	38	- 5	S	1	c	*	51	35	-		
† Yarmouth	30.39	45	SW	2	0	30.41	+ .03	43	42	0	SW	2	c	2	50	41	-		
The Helder	30.41	46	SSW	3	b	30.42	+ .02	45	45	- 1	SSW	3	0	2	46	45	-		
Cape Gris Nez	30.50	40	SSW	4	m	30.51	+ .02	43	41	0	SSW	3	m	1	46	30	-		
† Jersey	30.50	44	SE	1	b	30.50	- .03	41	41	- 1	SSE	3	0	3	44	38	-		
Brest	30.45	47	SW	3	0	30.41	- .02	42	42	- 9	SSE	3	0	5	50	33	-		
Lorient	30.46	41	SE	4	m	30.42	- .01	39	39	- 2	E	4	m	5	54	37	-		
† Rochefort	30.41	47	E	4	b	30.42	- .04	41	39	+ 1	E	7	b	2	52	36	-		
Biarritz	30.39	46	ESE	4	f	30.38	- .02	42	40	+ 6	ESE	4	b	4	48	32	0.12		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.55	00	35	34	- 1	SSW	1	0	*	40	33	-		
Charleville	30.55	35	SSW	4	0	30.55	- .03	36	34	+ 3	S	3	m	*	39	32	-		
Paris	30.56	49	?	3	0	30.86	- .03	43	37	+ 8	SE	1	0	*	*	*	-		
Lyons	30.55	44	N	1	0	30.58	- .02	37	37	- 4	N	1	0	*	46	37	-		
Toulon	30.44	55	E	8	b	30.49	+ .10	51	48	- 4	E	5	b	5	55	50	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.99	44	W	4	h	29.03	+ .11	43	43	- 1	NNE	1	0	*	45	42	0.44		

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

Hawes Junction	28.99	44	W	4	h	29.03	43	43	-1	NNE	1	0	*	45	42	0.44	-
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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 . . .	29.98	47	44	WSW	7	c	6	Valentia . . .	30.23	54	52	WSW	2	om	3
Sumburgh Head	29.72	44	42	W	9	h	8	Scilly . . .	30.37	55	54	SSW	6	c	6
Stornoway . . .	29.85	48	44	W	7	b c q	6	Dover . . .	30.47	50	48	SW	4	b	3
Aberdeen . . .	30.06	45	42	SSW	3	b	2	London . . .	30.41	51	47	S	2	0	
Shields . . .	30.19	50	49	SW	1	h m	2	Yarmouth . . .	30.38	50	47	SW	2	b	2
Ardrossan . . .	30.16	48	47	WSW	3	0	2	Jersey . . .	30.53	44	44	SSE	2	0 f	3
Mullaghmore . . .	30.16	48	46	SSW	4	ogm	4	Rochefort . . .	30.43	48	45	ESE	5	b	2
Holyhead . . .	30.24	50	50	WSW	2	d	1								

Weather is cloudy except in the N. of Scotland and on the S.E. coast of England with rain at Shields and Holyhead. S.W. & N. breezes prevail all over the country and pressure is increasing a little except in the South.

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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR NOV^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.				
				Force. (0 to 12).	Dir.		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.	Amount of Rainfall.		
1 st	Sanó.....	29.58	40	2	0	2	29.54	-12	35	33	-6	NNW	6	c	*	45	34	0.12		
	Corunna.....	*	*	*	*	*	30.30	*	54	*	?	SE	1	b	?	*	*	*		
3 rd	Corunna.....	*	*	*	*	*	29.94	?	50	*	?	SE	1	op	1	*	*	*		
	Toulon.....	29.88	51	E	4	0	?	?	44	43	-2	E	12	2	8	54	43	1.58		
4 th	Corunna.....	*	*	*	*	*	30.15	+21	52	*	+2	E	3	0	5	*	*	*		
5 th	Corunna.....	*	*	*	*	*	30.28	+13	53	*	+1	NE	6	c	5	*	*	*		
	Lyon.....	30.06	37	NNE	1	0	30.19	+36	35	34	-2	N	1	0	*	?	35	-		
6 th	Corunna.....	*	*	*	*	*	30.31	+03	?	*	?	NW	2	6	1	*	*	*		
8 th	Toulon.....	30.14	55	E	7	6	30.11	+07	57	56	+2	E	7	c	5	59	45	-		
10 th	The Helder.....	29.86	44	SW	6	0	29.73	-57	48	46	+12	WNW	4	0	3	50	35	0.12		
	Corunna.....	*	*	*	*	*	30.29	?	31	*	?	SE	1	0	1	*	*	*		
	Toulon.....	30.04	53	2	0	0	30.06	+05	49	48	-4	NW	5	6	?	?	?	-		
11 th	Haparanda.....	29.64	15	N	2	c	29.50	-26	21	21	+9	NE	2	0	*	?	10	0.31		
	Corunna.....	*	*	*	*	*	30.37	+08	53	*	+2	S	1	c	1	*	*	*		
	Lyon.....	30.28	39	NE	1	0	30.30	00	41	40	+2	NNW	1	0	*	?	?	-		
	Toulon.....	30.17	54	NE	4	6	30.11	-04	53	51	-6	2	0	c	2	57	50	-		
12 th	Corunna.....	*	*	*	*	*	30.37	+12	43	*	-10	S	1	c	1	*	*	*		
13 th	Corunna.....	*	*	*	*	*	30.33	-04	44	*	+1	SE	1	6	2	*	*	*		
15 th	Corunna.....	*	*	*	*	*	30.24	+21	57	*	0	S	2	c	5	*	*	*		
16 th	Pembroke.....	29.48	43	S	2	6c	28.54	-112	47	46	+5	W	10	og	8	53	38	0.90		
	Corunna.....	*	*	*	*	*	29.80	-044	64	*	+7	SW	1	op	1	*	*	*		
17 th	Skagen.....	28.79	36	SE	9	0	28.51	-98	43	42	+6	SSW	6	2	7	43	?	0.52		
	Toulon.....	29.77	56	SW	7	0	29.53	-48	52	52	+2	S	4	2	5	57	50	0.16		
18 th	Corunna.....	*	*	*	*	*	29.36	-25	59	*	+6	SW	4	0	5	*	*	*		
19 th	Lorient.....	28.66	52	N	11	2	29.34	+28	45	41	-5	N	1	0	6	55	43	0.32		
	Biarritz.....	29.40	53	WSW	9	2	29.62	+17	54	51	+3	W	8	2	6	61	48	0.14		
	Corunna.....	*	*	*	*	*	29.60	+24	53	*	-6	S	2	op	5	*	*	*		
20 th	The Helder.....	29.66	42	NNE	4	c	30.06	+26	37	34	-3	NE	1	S	1	43	36	0.08		
	Biarritz.....	29.67	61	WSW	7	6	29.93	+31	54	49	+1	SW	5	6c	6	63	48	-		
	Corunna.....	*	*	*	*	*	29.95	+35	49	*	-4	SW	2	op	5	*	*	*		
22 nd	Corunna.....	*	*	*	*	*	29.81	-40	49	*	+7	S	1	0	1	*	*	*		
23 rd	Skagen.....	29.99	33	ESE	6	0	29.90	-42	33	33	+1	SW	2	0	0	36	28	0.39		
24 th	Corunna.....	*	*	*	*	*	30.19	+15	50	*	+6	S	1	e	5	*	*	*		
25 th	Biarritz.....	30.28	53	ESE	4	6	30.22	?	60	52	?	S	4	0	4	*	*	*		
	Corunna.....	*	*	*	*	*	30.24	+05	59	*	+9	SW	4	0	7	*	*	*		
26 th	The Helder.....	29.82	48	SW	4	6c	29.85	+18	42	41	-5	S	1	6c	2	50	41	0.08		
	Corunna.....	*	*	*	*	*	30.09	-15	38	*	-21	S	2	0	7	*	*	*		
29 th	Bodo.....	29.28	37	SW	5	0	30.13	+07	44	40	+6	SW	6	0	5	?	37	0.28		
	Christiansund.....	29.45	46	SW	5	2	29.46	-09	44	40	0	SW	9	2	6	46	37	0.16		
	The Helder.....	30.40	46	SW	2	c	30.40	+03	46	45	0	SSW	3	c	2	48	45	-		
	Biarritz.....	30.47	48	E	1	6c	30.40	-09	36	34	-8	SE	4	f	5	50	41	-		
	Corunna.....	*	*	*	*	*	30.36	-09	48	*	+7	SW	?	6	5	*	*	*		
	Brussels.....	30.?	*	*	*	*	30.55	+03	36	36	-5	SSW	1	f	*	48	36	-		
	Lyon.....	30.69	46	N	1	0	30.60	+08	41	40	-4	NW	1	0	*	47	41	-		
	Toulon.....	30.35	54	2	0	6	30.39	+06	55	50	+4	NNE	7	6	4	59	50	-		
30 th	Corunna.....	*	*	*	*	*	30.31	-05	42	*	-6	S	1	6	5	*	*	*		

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

[illegible]