

5732

METEOROLOGICAL OFFICE.

---

DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER,  
1880.





Dangerfield & Co. London

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



# DAILY WEATHER REPORT 1<sup>st</sup> August 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	29.58	60	NE	2	c	29.48	-.18	60	57	-.3	NE	2	0	*	70	55	-	
Hernösand	29.84	58	N	5	o	29.37	-.21	58	58	-.1	NE	2	0	*	63	52	1.77	
Stockholm	29.46	58	SW	2	b	29.37	-.14	66	60	+.5	SE	2	0	*	72	55	-	
Wisby	29.57	60	SSW	3	r	29.42	-.15	61	57	-.1	W	4	0	*	72	55	0.12	
Bodo																		
Christiansund	29.45	58	NSW	4	r	29.42	.00	55	53	-.5	N	3	0	3	68	48	0.16	
† Skudesnaes	29.49	57	N	4	o	29.46	+.03	57	52	0	WNW	4	0	3	61	57	-	
Oxö (Xiänsund)	29.45	57	NNW	4	o	29.40	-.07	57	53	+.1	N	4	0	2	59	54	0.32	
Skagen (The Skaw)	29.31	59	ESE	3	o	29.38	-.08	57	56	-.2	NNW	5	r	2	68	52	0.39	
Fanö	29.53	56	NNW	4	e	29.55	+.08	60	56	-.2	N	4	0	*	64	54	0.08	
Cuxhaven	29.63	59	WNW	5	b	29.69	+.10	60	59	0	NSW	4	0	*	61	52	0.37	
† Sumburgh Head	29.43	57	WNW	5	c	29.46	+.16	53	52	+.1	SW	2	0	2	56	45	0.04	
† Stornoway	29.54	54	WNW	5	c	29.52	.00	52	52	0	NNW	4	r	5	58	45	0.20	
Wick	29.52	57	NW	3	o	29.57	+.05	54	51	+.2	NW	4	0	3	57	47	0.03	
Nairn	29.56	54	WNW	1	bc	29.54	+.01	52	50	0	Z	0	0	1	59	49	0.06	
† Aberdeen	29.56	55	Z	0	c	29.56	+.02	55	50	0	N	1	0	1	61	48	0.09	
Leith	29.58	60	N	1	bc	29.60	-.05	58	53	-.2	N	1	0	*	67	46	0.02	
† Shields	29.62	62	N	2	c	29.60	-.02	56	52	+.3	WNW	2	0	2	64	49	0.01	
Spurn Head	29.68	62	N	5	bc	29.62	-.03	57	54	+.1	N	1	0	0	63	52	0.01	
York	29.70	62	N	3	b	29.62	-.06	58	55	+.1	NNW	1	0	*	65	49	-	
Nottingham	29.72	58	SW	1	b	29.65	-.10	58	55	+.3	NW	1	0	*	66	46	0.02	
† Ardrossan	29.63	57	NW	2	c	29.61	-.04	57	53	+.2	WNW	1	0	1	61	45	0.06	
† Mullaghmore	29.66	62	NW	1	c	29.63	-.11	56	54	+.2	Z	0	0	0	63	52	0.03	
Donaghadee	29.69	61	WNW	2	c	29.64	-.08	56	54	-.1	NNE	3	0	1	64	47	0.70	
Parsonstown	29.68	55	SE	1	o	29.66	-.15	57	51	-.3	S	1	0	*	61	45	0.15	
Barrow-in-Furness	29.68	59	NSW	6		29.61	-.09	58	55	+.3	N	2	0	3	63	55	-	
† Holyhead	29.71	59	SW	4	c	29.63	-.15	57	55	+.2	E	1	0	0	62	52	-	
Liverpool (Bishopston)	29.71	58	N	2	bc	29.63	-.11	60	55	+.3	SE	1	0	1	62	50	-	
† Valentia	29.69	58	NSW	2	o	29.67	-.15	60	58	+.2	NW	3	0	3	65	55	0.24	
Roche's Point	29.69	60	SW	3	c	29.65	-.20	58	54	0	N	2	0	3	66	52	0.20	
Pembroke	29.74	59	E	4	2	29.59	-.23	56	54	0	E	1	0	2	60	54	0.42	
† Scilly	29.77	60	NSW	4	2	29.65	-.23	62	60	+.3	WNW	4	0	4	67	57	0.04	
Prawle Point	29.85	58	SW	2	c	29.59	-.26	60	59	+.2	NW	2	0	3	63	54	0.13	
Hurst Castle	29.80	64	N	5	bc	29.60	-.25	58	55	-.3	ESE	2	0	4	65	54	0.06	
† Dover	29.77	60	NSW	3	b	29.61	-.17	57	55	-.5	SE	3	0	2	65	56	0.18	
† London	29.77	64	NSW	2	bc	29.62	-.18	54	53	-.4	E	1	0	*	69	53	0.11	
Oxford	29.76	57	NSW	1	bc	29.63	-.16	54	52	-.2	E	1	0	*	65	51	0.10	
Cambridge	29.75	64	NSW	1	b	29.63	-.12	58	54	+.2	SW	1	0	*	66	48	-	
† Yarmouth	29.75	58	NSW	3	bc	29.64	-.04	60	56	+.5	Z	0	0	1	62	50	0.01	
The Helder	29.75	58	N	1	bc	29.65	+.05	59	57	+.2	S	1	0	1	61	52	-	
Cape Gris Nez	29.81	61	NSW	4	c	29.64	-.14	55	54	0	S	3	r	1	64	54	0.04	
† Jersey	29.89	61	N	3	bc	29.66	-.27	59	58	-.2	N	4	0	4	64	56	0.55	
Brest	29.87	60	NSW	3	r	29.63	-.28	60	60	+.1	N	7	r	5	64	57	0.79	
Lorient	29.91	62	N	4	o	29.70	-.24	59	58	-.1	NSW	7	r	4	64	58	0.57	
† Rochefort	30.01	64	N	7	c	29.86	-.17	63	61	-.1	WNW	7	r	3	72	59	0.28	
Biarritz	30.10	69	NW	4	bc	29.99	-.11	64	60	-.3	NSW	5	0	3	72	59	-	
Corunna	*	*	*	*	*	30.12	-.07	67	*	+.3	N	2	0	1	*	*	*	
Brussels	*	*	*	*	*	29.68	-.09	60	56	+.2	SSW	3	0	0	68	53	*	
Charleville	29.99	57	S	1	r	29.74	-.11	58	54	+.1	S	4	0	*	66	57	0.32	
Paris	29.90	64	SW	4	o	29.70	-.26	59	57	-.3	SSW	4		*	*	*	0.16	
Lyons	29.94	72	NNW	1	b	29.88	-.14	61	57	-.5	N	1	0	*	77	53	-	
Toulon	29.87	68	N	8	bc	29.85	-.04	65	57	+.5	N	7	0	*	75	63	-	

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

Hawes Junction	28.47	57	NSW	5	o	28.40	-.06	53	57	+.3	NSW	4	0	*	56	49	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 ...	29.47	60	55	SSW	4	c	5	Valentia ...	29.76	62	60	N	4	ang	4
Sumburgh Head	29.39	53	57	NNW	5	o	5	Scilly ...	29.88	67	60	mon	3	bc	4
Stornoway ...	29.52	55	52	NW	6	bc	6	Dover ...	29.81	64	56	N	4	b	2
Aberdeen ...	29.55	60	54	N	4	c	1	London ...	29.81	65	57	N	3	c	*
Shields ...	29.63	61	54	NNW	5	bc	2	Yarmouth ...	29.75	57	54	mon	2	b	2
Ardrossan ...	29.63	59	55	mon	2	c	1	Jersey ...	29.93	65	59	N	2	og	3
Mullaghmore ...	29.72	60	57	NNW	4	em	3	Rochefort ...	30.04	68	62	N	5	c	2
Holyhead ...	29.78	60	55	SW	3	c	2								

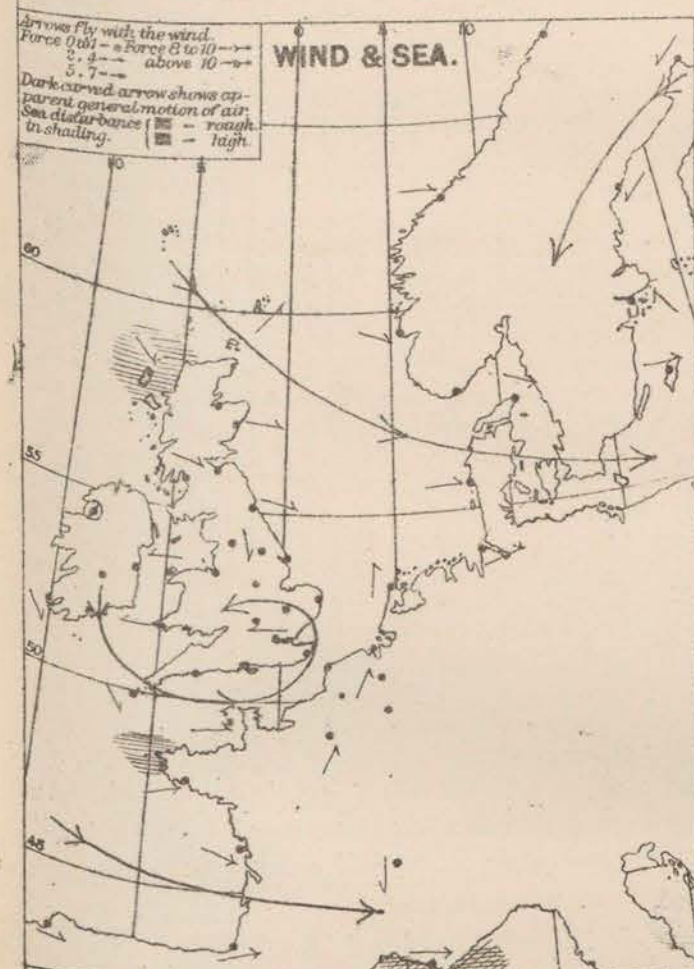
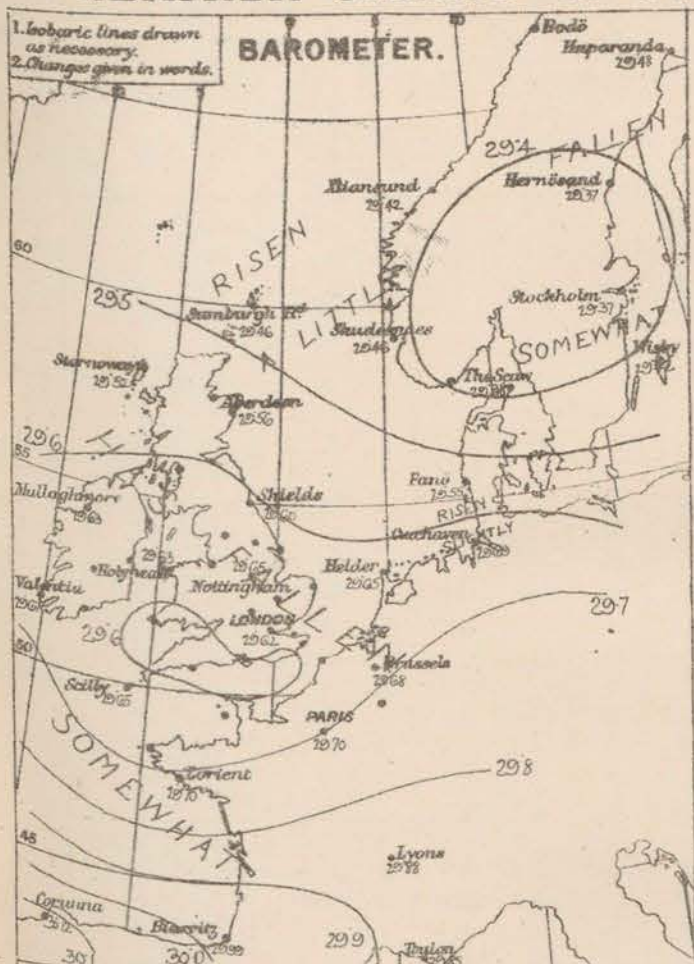
Pressure is falling a little in Ireland as subsidiary depressions are approaching this country from the W<sup>nd</sup>. Showy weather is still likely.

## 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 3 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 1<sup>st</sup> AUG<sup>r</sup> 1880.



**REMARKS.** In the course of the past night a shallow depression has come over the southern counties of England from the W., causing the barometer to fall decidedly all over our southern districts and France. About most northern stations, however, the mercury has risen. The effect of this new disturbance has been to produce a great deal of rain over the southern counties of England, with light W. winds, and a still larger quantity over France, with strong W. winds. Over our most northern districts the weather is temporarily much finer, but there are indications of the approach of still further shallow depressions which will break up the weather in almost if not quite, all districts. Temperature has risen a little over our eastern counties but fallen in the south and over France; readings are considerably below 60° in most parts of our island, but at Yarmouth and Valentia a temperature of 60° and at Scilly, a temperature of 62° are reported. The sea is rather rough at Turnsway, slight on all other parts of our coasts.

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

R. H. SCOTT,  
Secretary.



# DAILY WEATHER REPORT 2<sup>ND</sup> AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).			Max.	Min.		
Haparanda	29.49	60	NE	2	0	29.42	-06	60	59	0	N	2	0	*	64	54	0.16
Hernösand	29.42	57	Z	0	0	29.48	+11	61	59	+3	E	2	0	*	66	54	-
Stockholm	29.35	59	SW	2	0	29.44	+07	61	55	-5	W	4	0	*	70	54	-
Wisby	29.49	60	WSW	6	0	29.52	+10	59	54	-2	W	6	0	*	70	52	-
Bodo	29.39	68	NE	2	0	29.36	-	65	57	-	ESE	2	0	1	77	57	-
Christiansund	29.37	54	W	3	2	29.33	-09	55	53	0	SW	3	0	3	55	46	0.55
Skudesnaes	29.46	56	WNW	4	0	29.44	-02	54	52	-3	WNW	2	0	2	61	55	-
(XO) (Xiansund)	29.41	58	WSW	4	0	29.43	+03	55	51	-2	WSW	6	0	3	63	52	-
Skagen (The Skaw)	29.43	57	W	6	0	29.47	+09	58	54	+1	WSW	5	0	2	61	50	0.04
Fanö	29.55	55	W	2	0	29.54	-01	65	59	+5	W	2	0	*	?	54	0.08
Cuxhaven	29.64	62	N	1	0	29.60	-09	62	60	+2	NE	1	0	*	63	55	0.02
Sumburgh Head	29.47	54	S	3	0	29.51	+05	54	50	+1	NNW	2	0	2	58	46	-
Stornoway	29.54	54	NN	4	0	29.58	+06	54	54	+2	NN	1	0	0	56	45	0.15
Wick	29.50	52	NN	4	0	29.56	+05	52	51	-2	NN	3	0	2	57	49	0.03
Nairn	29.57	55	W	1	0	29.60	+06	53	51	+1	Z	0	0	0	57	51	0.05
Aberdeen	29.57	57	NN	3	0	29.59	+03	58	52	+3	NNW	3	0	1	62	51	0.22
Leith	29.58	64	NN	1	0	29.62	+02	60	54	+2	N	1	0	*	69	51	-
Shields	29.59	57	ESE	2	0	29.61	+01	56	53	0	NNW	2	0	2	62	49	0.01
Spurn Head	29.62	59	SSE	3	0	29.62	00	57	55	0	NNW	2	0	1	64	55	-
York	29.62	60	NNW	1	0	29.64	+02	57	54	-1	NNW	1	0	*	65	52	0.20
Nottingham	29.64	64	SW	1	0	29.67	+02	55	55	-3	NNW	1	0	*	72	51	0.29
Ardrossan	29.61	59	NN	2	0	29.66	+05	55	54	-2	NN	3	0	2	63	52	0.02
Mullaghmore	29.65	60	N	2	0	29.75	+12	58	56	+2	NNW	4	0	3	62	52	0.11
Donaghadee	29.67	57	NE	1	0	29.71	+07	58	54	+2	W	3	0	1	61	46	0.07
Parsonstown	29.65	63	NNW	1	0	29.80	+14	59	55	+8	NN	1	0	*	62	42	0.02
Barrow-in-Furness	29.63	61	NN	1	0	29.65	+02	58	54	0	N	2	0	2	66	53	0.03
Holyhead	29.66	60	NN	2	0	29.70	+07	56	54	-1	NNW	4	0	3	61	55	0.53
Liverpool (Bliston)	29.64	60	NN	1	0	29.66	+03	58	54	-2	NNW	2	0	1	64	54	0.14
Valentia	29.73	62	NNW	4	0	29.83	+16	61	58	+1	NN	4	0	4	68	56	0.18
Roche's Point	29.70	59	NN	4	0	29.79	+14	59	55	+1	NN	3	0	3	69	53	0.16
Pembroke	29.67	59	W	1	0	29.69	+10	57	56	+1	NNW	4	0	2	63	55	0.20
Scilly	29.72	63	NNW	4	0	29.77	+12	61	59	-1	NN	5	0	4	64	59	0.01
Prawle Point	29.67	62	WSW	6	0	29.69	+10	60	58	0	W	3	0	4	66	54	0.02
Hurst Castle	29.66	63	NNW	2	0	29.67	+07	57	56	+2	Z	0	0	0	65	53	0.06
Dover	29.60	57	E	3	0	29.66	+05	61	57	+4	SW	3	0	2	62	54	0.26
London	29.64	60	NN	1	0	29.67	+05	58	56	+4	WSW	1	0	*	64	49	0.08
Oxford	29.67	58	W	1	0	29.65	+02	55	54	+1	Z	0	0	*	63	51	0.06
Cambridge	29.62	64	N	1	0	29.65	+02	58	55	0	NN	1	0	*	68	48	-
Yarmouth	29.63	61	Z	0	0	29.64	00	59	57	-1	NNW	2	0	2	63	50	-
The Helder	29.62	61	N	2	0	29.63	-02	60	55	+1	NNW	1	0	1	66	55	0.04
Cape Gris Nez	29.71	58	NE	5	0	29.66	+02	59	59	+4	WSW	1	0	1	66	55	0.24
Jersey	29.73	62	NNW	3	0	29.75	+09	61	59	+2	W	4	0	3	64	57	0.01
Brest	29.80	62	NN	3	0	29.78	+15	59	59	-1	NNW	3	0	3	64	57	0.28
Lorient.	29.77	64	NNW	5	0	29.79	+09	59	57	0	NN	5	0	4	68	57	0.04
Rochefort	29.81	66	NNW	9	0	29.85	-01	64	59	+1	NNW	9	0	7	70	54	0.28
Biarritz	29.96	67	W	7	0	29.99	00	66	62	+2	W	5	0	3	72	59	0.24
Corunna	*	*	*	*	*	30.07	-05	68	*	+1	Z	0	0	5	*	*	*
Brussels	*	*	*	*	*	29.67	-01	59	54	-1	NNW	1	0	*	62	53	0.47
Charleville	29.57	60	W	1	0	29.76	+02	58	54	0	W	3	0	*	67	54	0.28
Paris	29.64	61	W	4	0	29.75	+05	60	57	+1	Z	0	0	*	*	*	0.24
Lyons	29.80	62	S	1	0	29.80	-08	62	59	+1	N	1	0	*	74	56	0.12
Toulon	29.82	66	W	7	0	29.82	-03	63	59	-2	NN	5	0	3	66	59	-

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

Hawes Junction	28.40	60	W	3	0	28.43	+03	57	49	-2	NNW	3	0	61	46	0.08
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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.
29.47	61	54	NNW	4	0	3	Valentia					
							Scilly					
							Dover					
							London					
							Yarmouth					
							Jersey					
							Rochefort	29.81	66	64	W	9

## 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 latitude, 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).

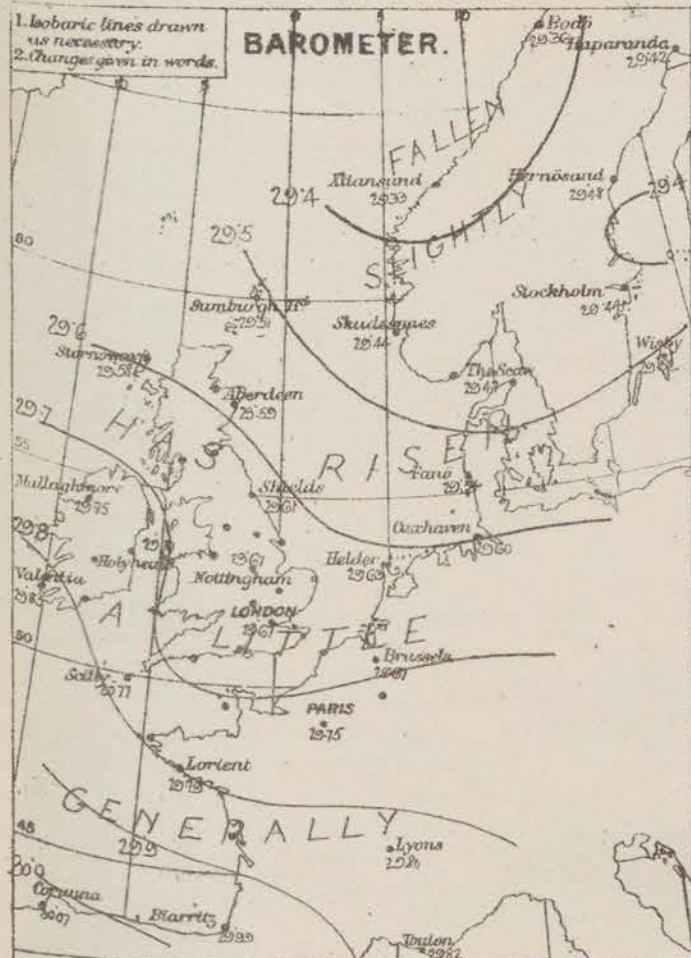
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Monday 2<sup>ND</sup> AUG<sup>ST</sup> 1834.

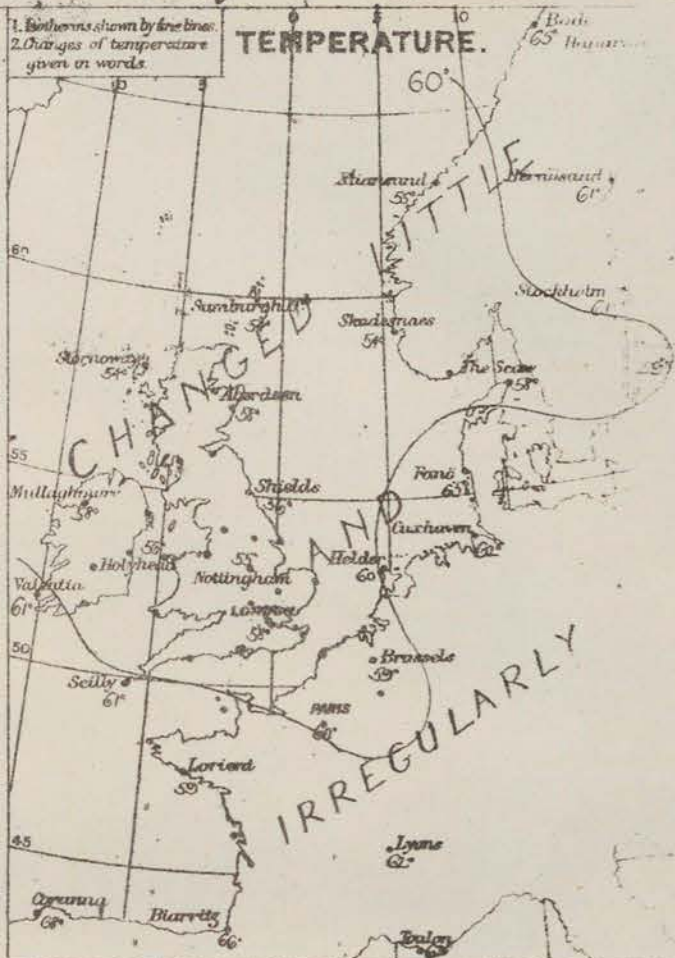
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



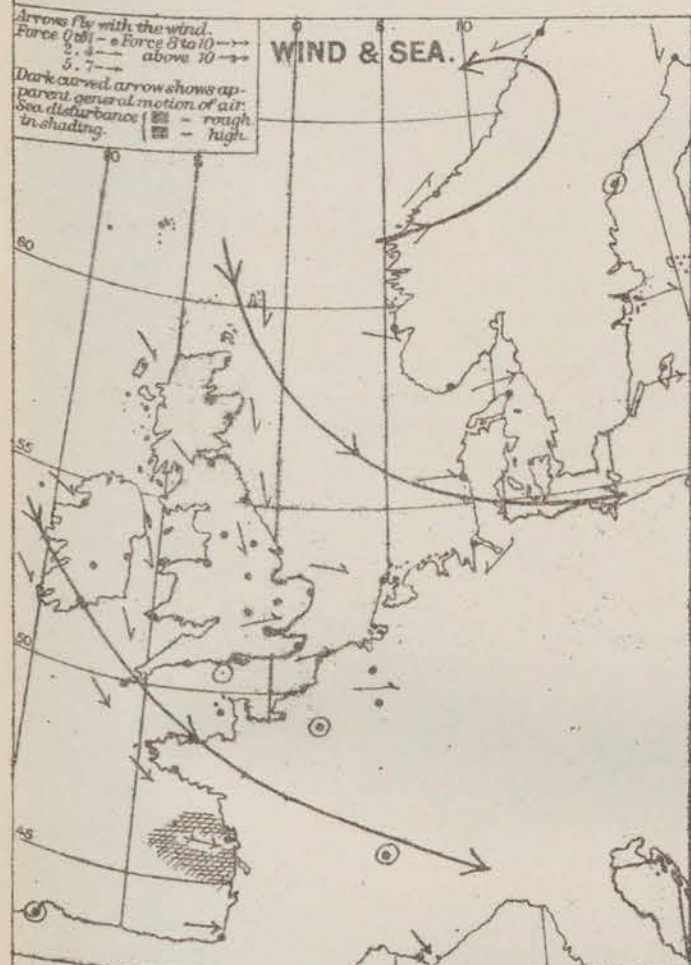
1. Isotherms shown by line lines.
2. Changes of temperature given in words.

## TEMPERATURE.



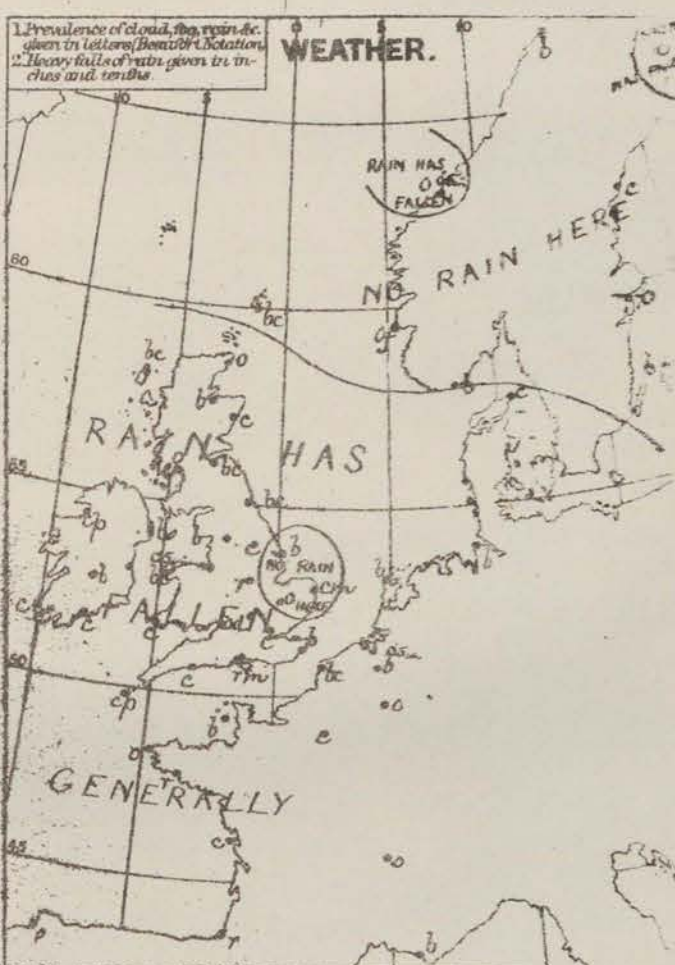
1. Arrows fly with the wind. Force 0 to 10 above 10.
2. Dark curved arrow shows apparent general motion of air. Sea disturbance (rough in shading) - high.

## WIND & SEA.



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

## WEATHER.



**REMARKS.** Very little change indeed has taken place in the general distribution of pressure over our Islands, the highest readings being still reported from the Peninsula and South west of France, and the lowest from Norway and Sweden. In the course of the night, however, a new and very shallow secondary depression has reached the central parts of England and is apparently moving in an ENE direction. The winds are generally NNE to NE, but draw into SE on our south-east coasts, and are light at all our own stations. Over the south-west of France they still blow strongly. Temperature remains very low, the only stations where the barometer readings exceeded 60° being Valentia, Lundy and Dover. The maximum readings recorded yesterday were mostly below 65°. Rain has fallen in nearly all parts of the kingdom, but the weather has since cleared up in the west and north, though it is still stormy over England. The sea is moderate in the Channel, slight or smooth elsewhere.

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

R. H. SCOTT,  
Secretary



# DAILY WEATHER REPORT

AUGUST 3<sup>rd</sup>

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 3).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 8 A.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda	29.48	57	N	2	0		29.56	+ .14	58	57	- 2	S	2	0	0		63	55	0.28
Hernösand	29.55	58	2	0	0		29.61	+ .13	63	59	+ 2	S	2	0	0		72	54	1.98
Stockholm	29.56	58	ESE	2	0		29.66	+ .22	63	55	+ 2	NW	2	0	0		72	52	-
Wisby	29.58	58	SSW	2	0		29.60	+ .08	62	59	+ 3	SSE	2	0	0		72	54	-
Bodö	29.43	57	S	2	0		29.49	+ .13	55	54	- 10	SW	4	0	2		75	54	0.04
Christiansund	29.41	56	N	6	0		29.53	+ .20	57	55	+ 2	2	0	0	0		69	43	0.08
† Skudesnaes	29.52	54	WNW	2	0		29.60	+ .16	55	54	+ 1	WNW	2	0	2		55	54	-
Oxö (Xiänsund)	29.50	58	SW	6	0		29.61	+ .18	57	53	+ 2	WSW	4	0	2		59	52	-
Skagen (The Skaw)	29.56	57	WSW	4	0		29.64	+ .17	58	55	0	SW	3	0	0		64	48	-
Fanö	29.63	57	N	2	0		29.70	+ .16	66	59	+ 1	N	2	0	0		62	52	0.04
Cuxhaven	29.73	62	NNW	2	0		29.74	+ .14	60	60	- 2	NW	1	0	0		54	54	-
† Sumburgh Head	29.58	53	NNW	5	0		29.68	+ .17	54	52	0	NNW	3	0	3		58	50	0.02
† Stornoway	29.66	57	NW	3	0		29.73	+ .15	56	54	+ 2	2	0	0	0		62	45	0.02
Wick	29.65	53	N	3	0		29.75	+ .19	52	51	0	N	4	0	2		60	50	-
Nairn	29.66	60	WNW	2	0		29.78	+ .18	57	53	+ 4	WNW	2	0	1		62	50	0.03
† Aberdeen	29.65	58	N	1	0		29.79	+ .20	55	52	- 3	N	1	0	1		62	47	0.36
Leith	29.68	57	ESE	1	0		29.80	+ .18	59	54	- 1	NW	1	0	0		72	50	0.09
† Shields	29.69	59	SW	1	0		29.81	+ .20	57	54	+ 1	WNW	2	0	1		60	49	0.12
Spurn Head	29.70	57	NNW	1	0		29.83	+ .21	56	53	- 1	WNW	3	0	2		65	53	0.06
York	29.71	56	N	1	0		29.83	+ .19	56	53	- 1	WNW	1	0	0		67	46	0.22
Nottingham	29.74	59	NW	3	0		29.87	+ .20	63	60	+ 8	WNW	3	0	0		67	46	0.43
† Ardrossan	29.71	60	NW	3	0		29.81	+ .15	56	54	+ 1	NW	3	0	2		62	52	-
† Mullaghmore	29.81	60	WNW	5	0		29.84	+ .09	58	56	0	SSW	2	0	dog		64	57	0.01
Donaghadee	29.77	58	WNW	2	0		29.88	+ .17	56	55	- 2	WNW	3	0	1		62	50	0.13
Parsonstown	29.81	63	N	1	0		29.90	+ .16	58	54	- 1	2	0	0	0		67	54	0.02
Barrow-in-Furness	29.71	60	NW	3	0		29.84	+ .19	58	55	0	N	3	0	2		66	56	-
† Holyhead	29.78	60	WSW	3	0		29.88	+ .18	59	57	+ 3	ENE	3	0	2		63	55	-
Liverpool (Bilston)	29.74	61	N	4	0		29.86	+ .20	61	56	+ 3	WNW	3	0	1		62	55	0.01
† Valentia	29.90	62	NW	3	0		29.94	+ .11	62	61	+ 1	N	3	0	3		67	59	0.02
Roche's Point	29.87	58	NW	4	0		29.92	+ .13	62	59	+ 3	SSW	1	0	3		66	55	-
Pembroke	29.81	60	N	3	0		29.91	+ .22	59	57	+ 2	NW	1	0	2		61	56	-
† Scilly	29.89	63	NW	4	0		29.91	+ .14	62	60	+ 1	N	2	0	4		64	59	-
Prawle Point	29.80	61	NW	4	0		29.92	+ .23	60	59	0	WSW	2	0	3		72	53	-
Hurst Castle	29.73	64	NNW	3	0		29.90	+ .23	61	58	+ 4	N	1	0	1		66	50	0.37
† Dover	29.68	63	NNW	2	0		29.85	+ .19	62	57	+ 1	N	3	0	1		65	63	-
† London	29.71	61	NW	1	0		29.89	+ .22	60	55	+ 2	N	1	0	0		66	47	0.12
Oxford	29.77	58	NNW	1	0		29.90	+ .25	59	54	+ 4	N	1	0	0		65	49	-
Cambridge	29.69	63	NW	1	0		29.87	+ .22	59	55	+ 1	NW	1	0	0		68	47	0.17
† Yarmouth	29.69	60	2	0	0		29.83	+ .19	58	56	- 1	WNW	2	0	1		61	49	0.02
The Helder	29.70	61	N	1	0		29.86	+ .20	58	55	- 1	NE	4	0	3		68	55	-
† Jersey	29.83	62	WNW	5	0		29.99	+ .24	61	59	0	WNW	3	0	3		64	54	0.01
Brest	29.95	61	NNW	3	0		30.01	+ .23	60	59	+ 1	NW	1	0	3		64	57	-
Lorient	29.88	63	WNW	5	0		29.98	+ .19	59	57	0	NW	3	0	2		66	55	0.04
† Rochefort	29.91	65	WNW	10	0		30.00	+ .15	60	58	- 4	NNW	4	0	2		70	57	-
Biarritz	30.02	66	WNW	5	0		30.05	+ .06	65	60	- 1	NW	5	0	3		70	61	0.04
Corunna	*	*	*	*	*		30.11	+ .04	66	*	- 2	SW	1	0	1		*	*	*
Brussels	*	*	*	*	*		29.81	+ .14	59	55	0	NW	3	0	*		69	54	0.32
Charleville	29.70	65	N	3	0		29.80	+ .04	57	53	- 1	NW	3	0	*		72	53	0.35
Paris	29.73	62	WNW	3	0		29.91	+ .16	59	56	- 1	NNW	1	0	*		*	*	0.16
Lyons	29.81	58	SW	1	0		29.87	+ .07	57	55	- 5	NW	1	0	*		74	55	0.32
Toulon†	29.70	66	NW	3	0		29.76	- .06	61	54	- 2	NW	8	0	7		73	57	-

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

Hawes Junction	28.50	50	N	4	0		28.61	+ .18	53	51	+ 2	WSW	2	0	0		61	41	0.13
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes							Valentia	29.86	67	61	NW	3	0	4
Sumburgh Head	29.54	55	53	NNW	4	6	Scilly	29.84	64	59	NW	5	c	4
Stornoway	29.62	58	55	NW	3	6c	Dover	29.67	62	60	SW	3	60	2
Aberdeen	29.61	59	55	NNW	2	p	London	29.68	61	58	WSW	2	0 p	*
Shields	29.64	58	54	NNE	1	c	Yarmouth	29.67	58	55	NW	1	c	2
Ardrossan	29.68	60	56	NW	3	c	Jersey	29.78	63	60	NNW	5	6cm	4
Mullaghmore	29.77	63	59	N	4	c	Rochefort	29.88	63	60	NNW	9	2	7
Holyhead	29.77	60	57	NW	3	6								

Pressure is increasing slowly in all places and the depressions appear to be travelling E and light NW breeze prevail generally, with fair weather in most districts, but showers of rain at Aberdeen and in London.

### EXPLANATION OF COLUMNS.

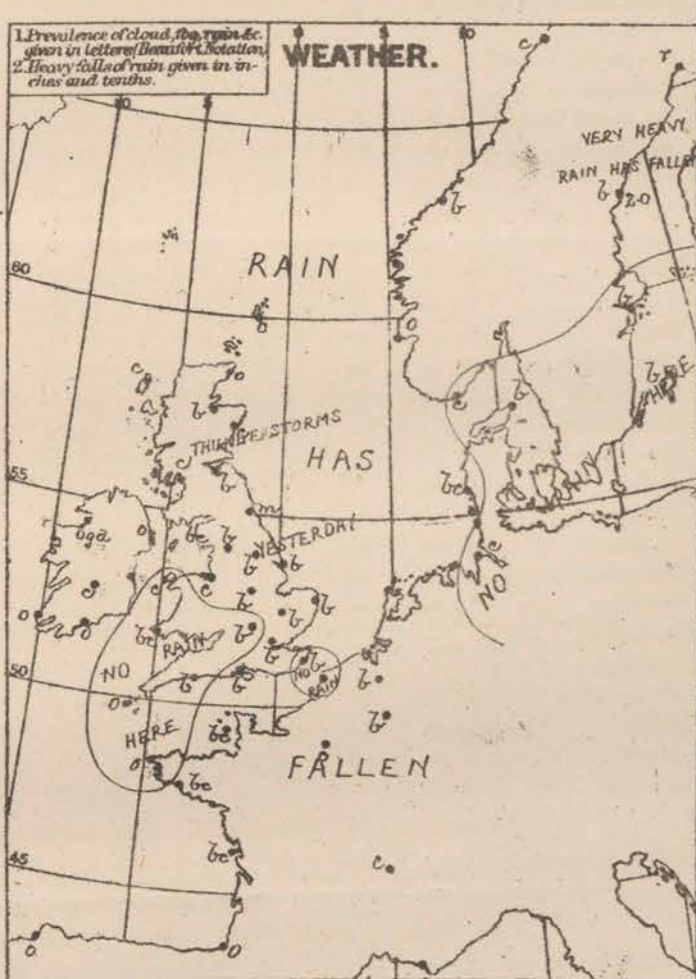
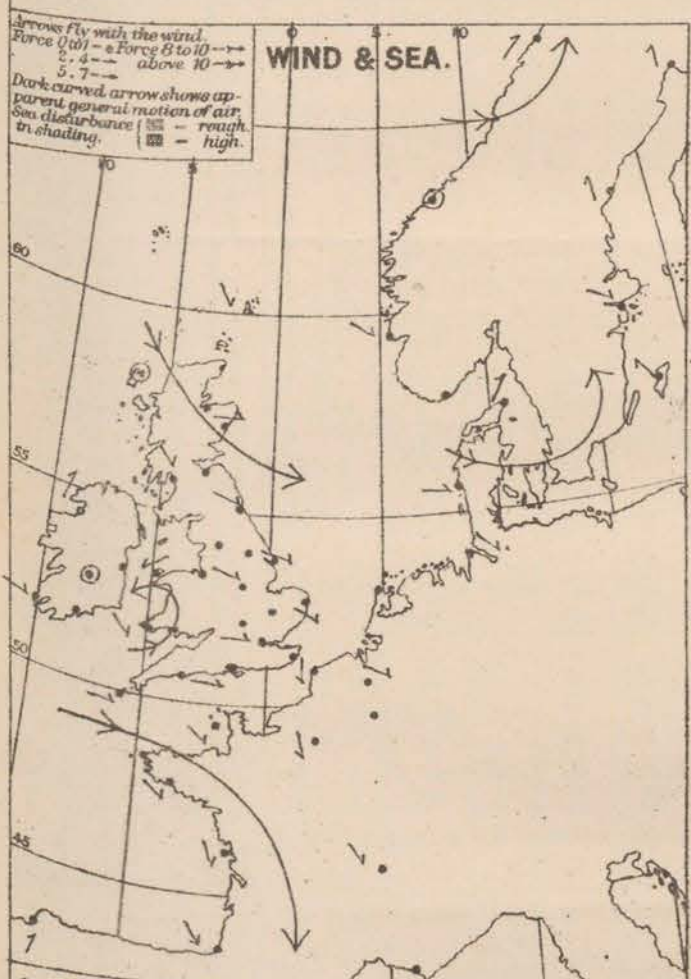
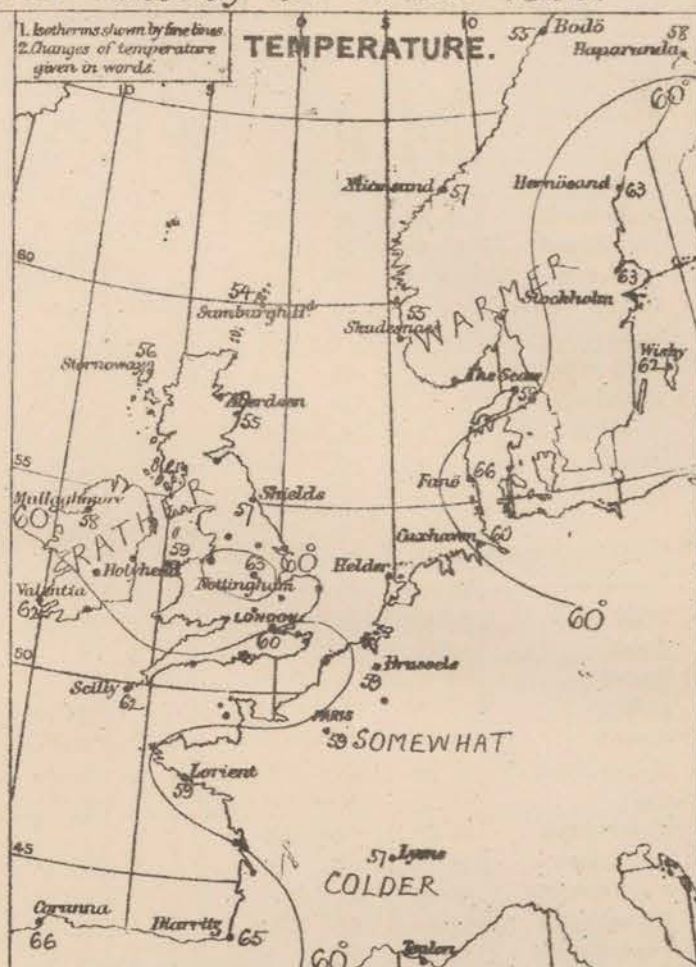
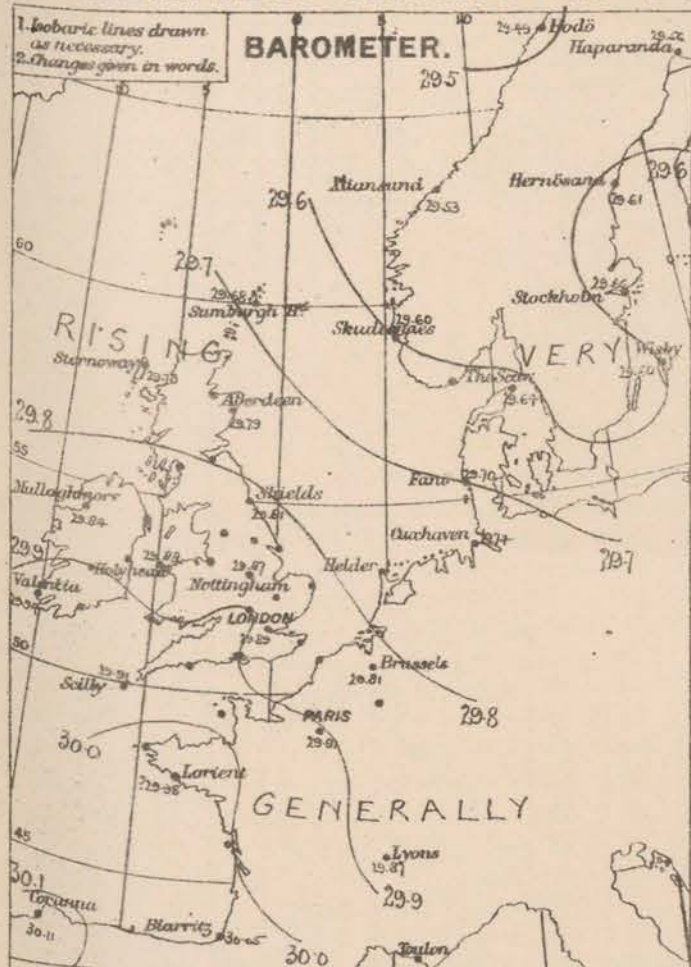
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

\* AN ASTERISK is inserted in all places for which information is not usually received.  
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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



WEATHER CHARTS for 8 a.m. on Tuesday 3<sup>RD</sup> AUGUST 1880.



REMARKS. The small depressions, which yesterday lay over Central England, have since travelled away E<sup>rd</sup> to N. Germany, and a slight recovery has occurred in the barometer over the whole of W<sup>est</sup> Europe. This morning's chart shows an area of high pressure over the Bay of Biscay, with a main area of low readings over Scandinavia, and a secondary depression over N. Germany. No doubt there are, however, indications that the barometer is falling again, and the wind has backed to W. at Valencia, and S.W. at Mullaghmore, but in all other parts of these Islands and over France the wind is N.W. or W.N.W. It is light in force on all coasts. Temperature has risen a little over the British Isles, but falls a few degrees in France; it ranges at our stations from 52° at Wick to 62° on our S.E. and S.W. coasts (and 63° at Mullaghmore), the maximum yesterday was between 60° and 65° generally, but as high as 72° at Dunkirk and at Provins. The weather is fine and bright over the greater part of the United Kingdom, France and Scandinavia, but in Ireland and the S.W. of England the sky is overcast and the weather unsettled. Thunderstorms with heavy rain occurred in the N.E. and E. yesterday. The sea is slight & smooth.

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

R. H. SCOTT.  
Secretary

DANGERFIELD LITH 22 BEDFORD ST COVENT GARDEN



# DAILY WEATHER REPORT 4<sup>TH</sup> AUGUST 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.		
			Direc.	Force. (0 to 15).		Reading at 35° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 15).			Max.	Min.			
Hiaparanda	29.57	57	SW	4	0	29.73	+14	59	54	+1	S	4	0	*	68	54	-		
Hernösand	29.68	60	S	2	0	29.78	+14	63	58	0	S	2	0	*	70	60	-		
Stockholm	29.78	58	SSE	2	0	29.83	+14	66	59	+3	SE	2	0	*	72	50	-		
Wishy	29.73	60	W	0	0	29.75	+15	64	59	+2	E	4	0	*	70	48	-		
Bodö	29.56	56	W	0	0	29.62	+13	54	53	-1	SW	4	0	2	67	54	-		
Christiansund	29.64	57	W	3	0	29.72	+19	55	53	-2	W	1	0	2	59	46	-		
† Skudesnaes	29.71	56	WNW	4	0	29.79	+19	56	54	+1	SSW	2	0	3	63	55	-		
Orö (Kilanzund)	29.73	58	WSW	4	0	29.78	+14	58	56	+1	WSW	2	0	2	59	52	-		
Skagen (The Skaw)	29.78	56	WSW	3	0	29.81	+14	59	55	+1	WSW	3	0	0	66	52	0.08		
Fanö	29.84	57	W	2	0	29.88	+18	62	58	-4	W	2	0	*	64	54	0.04		
Cuxhaven	29.95	63	WNW	2	0	29.92	+18	64	61	+4	NW	2	0	*	63	54	0.02		
† Sumburg Head	29.76	53	NW	2	0	29.76	+08	55	52	+1	NNE	2	0	2	56	50	-		
† Stornoway	29.73	58	SSE	4	0	29.64	-09	58	58	+2	SSE	2	0	2	60	52	0.10		
Wick	29.79	55	S	1	0	29.69	-06	57	55	+5	WSW	1	0	1	60	51	-		
Nairn	29.77	64	W	0	0	29.66	-12	57	56	0	W	0	0	1	67	54	0.08		
† Aberdeen	29.82	57	ESE	2	0	29.75	-04	59	57	+4	S	2	0	1	65	55	0.01		
Leith	29.82	61	NW	1	0	29.75	-05	59	58	0	NE	1	0	*	67	55	0.03		
† Shields	29.83	63	W	1	0	29.80	-01	60	58	+3	SW	2	0	2	66	55	0.02		
Spurn Head	29.87	61	S	2	0	29.88	+05	59	57	+3	SSW	3	0	3	67	56	-		
York	29.87	62	W	3	0	29.86	+03	60	58	+4	S	1	0	*	70	54	-		
Nottingham	29.90	64	NW	1	0	29.87	00	64	65	+4	SSW	3	0	*	73	57	0.03		
† Ardrossan	29.83	58	SW	1	0	29.74	-09	60	59	+4	SW	3	0	3	61	58	0.07		
† Mullaghmore	29.80	62	SW	3	0	29.69	-15	62	60	+4	SW	5	0	3	64	59	0.25		
Donaghadee	29.84	59	SSW	2	0	29.77	-11	63	62	+4	SSW	3	0	1	64	56	0.08		
Parsonstown	29.88	64	WNW	1	0	29.77	-13	63	60	+5	SSW	1	0	*	66	54	-		
Barrow-in-Furness	29.86	60	SW	3	0	29.81	-03	61	60	+3	SW	3	0	2	62	57	0.16		
† Holyhead	29.88	60	SW	3	0	29.83	-05	59	58	0	S	4	0	3	74	58	0.06		
Liverpool (Bldston)	29.90	59	WNW	1	0	29.84	-02	64	61	+3	SSW	1	0	1	64	57	0.01		
† Valentia	29.91	62	WSW	4	0	29.78	-16	62	61	0	SSW	6	0	5	67	59	0.01		
Roche's Point	29.92	62	WSW	4	0	29.84	-08	62	60	0	SW	3	0	3	69	53	0.06		
Pembroke	29.91	61	WSW	1	0	29.87	-04	60	60	+1	SSW	2	0	2	63	59	0.01		
† Scilly	29.99	62	WSW	3	0	29.93	+02	62	62	0	SW	3	0	3	67	58	0.01		
Prawle Point	29.96	62	W	2	0	29.93	+01	63	63	+3	W	2	0	2	68	57	0.01		
Hurst Castle	29.94	63	W	3	0	29.93	+03	63	66	+2	WNW	1	0	1	69	61	-		
† Dover	29.91	62	SW	3	0	29.93	+03	62	60	0	WSW	3	0	1	66	60	-		
† London	29.90	63	WNW	2	0	29.93	+04	64	60	+4	SW	1	0	*	72	57	-		
Oxford	29.94	65	SW	1	0	29.92	+02	61	60	+2	SW	1	0	*	69	58	-		
Cambridge	29.89	69	NW	1	0	29.90	+03	62	59	+3	W	1	0	*	72	56	-		
† Yarmouth	29.90	62	SE	2	0	29.91	+08	62	59	+4	W	0	0	1	63	55	-		
The Helder	29.92	60	NW	1	0	29.92	00	59	57	0	S	1	0	1	63	48	-		
Cape Gris Nez	29.95	61	SW	4	0	29.93	+04	63	60	+5	SW	3	0	1	66	57	-		
† Jersey	30.03	63	WNW	1	0	30.01	+02	62	61	+1	WSW	2	0	2	66	59	-		
Brest	30.07	65	WNW	1	0	30.00	-01	61	60	+1	WNW	1	0	1	68	59	-		
Lorient	30.03	66	W	4	0	29.99	+01	59	58	0	E	1	0	2	70	55	-		
† Rochefort	30.04	67	NW	5	0	30.02	+02	63	61	+3	ESE	1	0	2	72	57	-		
Biarritz	30.06	67	N	3	0	30.02	-03	64	60	-2	E	3	0	3	70	57	0.08		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.96	+15	60	57	+1	SW	3	0	*	68	58	0.08		
Charleville	29.95	61	WNW	4	0	29.01	+21	54	51	-3	ESE	1	0	*	72	45	-		
Paris	29.98	66	WNW	3	0	30.02	+11	63	59	+4	N	1	0	*	*	*	-		
Lyons	29.97	62	N	1	0	?	?	62	56	+5	W	0	0	*	70	50	0.39		
Toulon	29.73	71	NW	9	0	29.81	+05	63	63	+2	NW	4	0	5	73	57	-		

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

Hawes Junction	28.65	55	WSW	3	0	28.62	+01	?	?	?	WSW	3	59	52	0.13	-
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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 ...	29.65	63	56	WSW	4	0	3	Valentia ...	29.94	65	62	SW	4	0	4
Sumburg Head	29.73	56	52	NW	3	0	3	Scilly ...	29.99	66	64	WSW	3	0	3
Stornoway ...	29.75	58	56	SSE	3	0	2	Dover ...	29.90	62	58	WSW	4	0	3
Aberdeen ...	29.80	60	56	S	1	0	1	London ...	29.92	67	59	W	1	0	3
Shields ...	29.82	57	56	WNW	2	0	2	Yarmouth ...	29.87	63	59	NNE	2	0	1
Ardrossan ...	29.83	61	57	SW	3	0	2	Jersey ...	30.02	66	62	W	3	0	3
Mullaghmore ...	29.82	63	62	SW	3	0	2	Rochefort ...	30.04	70	61	WNW	4	0	2
Holyhead ...	29.90	61	58	SW	3	0	2								

Pressure is rather unsteady in the W. but is increasing slowly elsewhere. The weather remains bright and fair in the SE. but in W. Ireland rain has set in and the wind has backed to SW. on all our W. and N. coasts.

### EXPLANATION OF COLUMNS.

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

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

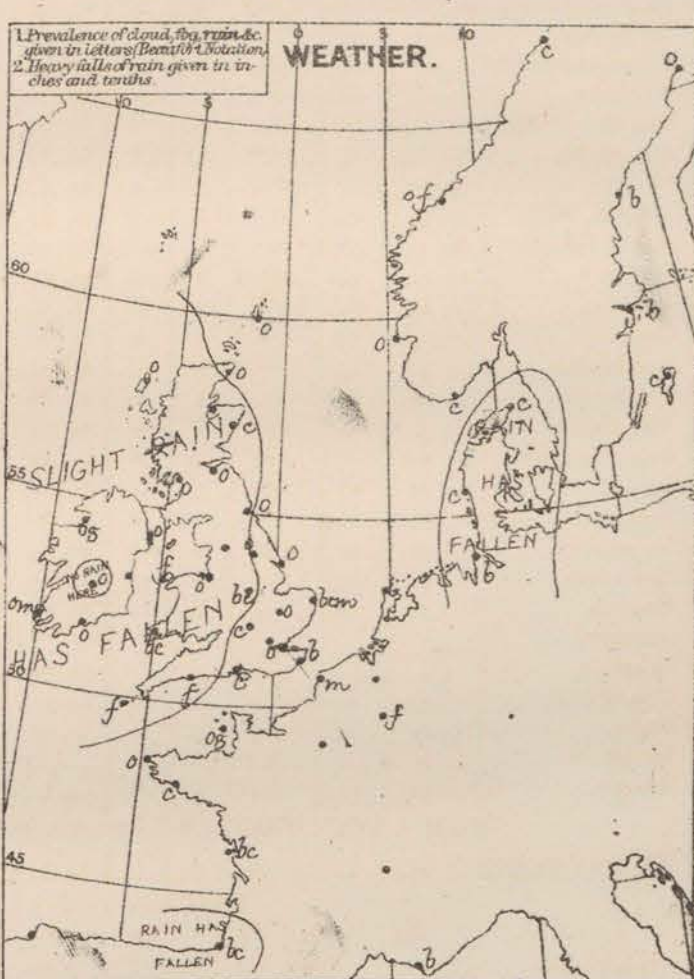
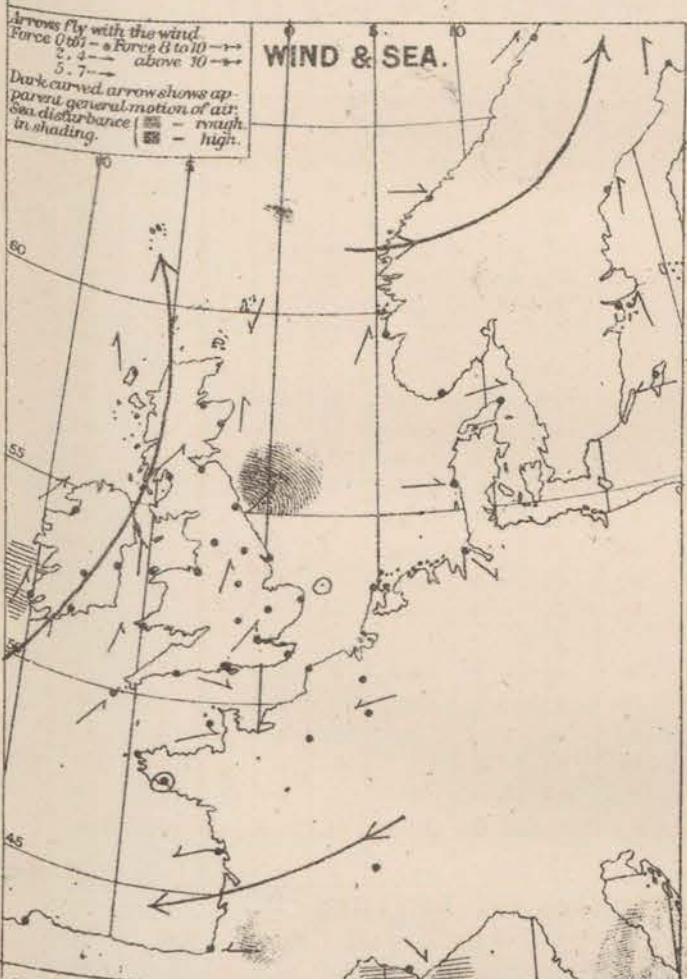
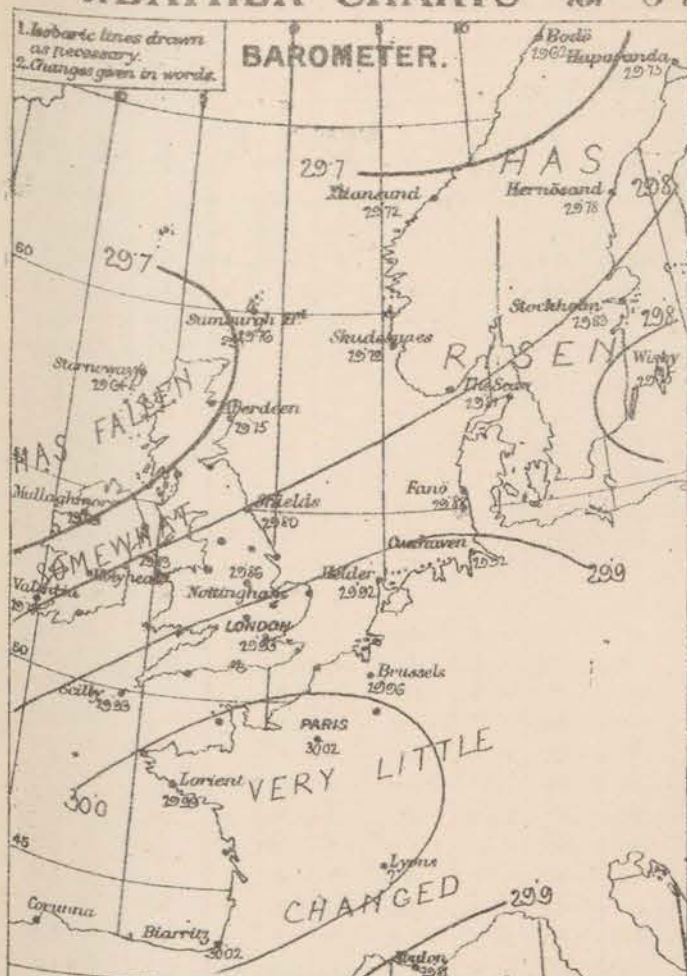
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



WEATHER CHARTS for 8 a.m. on Wednesday 4<sup>th</sup> AUGUST 1880.



**REMARKS.** A brisk decrease of pressure has commenced in the west of Ireland, and appears to be spreading slowly over the whole of these Islands and France, but in the countries to the E<sup>th</sup> of the North Sea the mercury still rises. An area of high readings lies over France, with large areas of low pressure over our north western stations and the north of Norway. In consequence, while E<sup>th</sup> winds prevail over France S<sup>th</sup> winds are reported from all our coasts and over Scandinavia. In the west of Ireland the <sup>winds</sup> blow fresh or strongly, but in all other parts of Western Europe it is light or moderate. The weather is fine over the Central and southern parts of France as well as on the south east coast of England, but is cloudy or dull generally, with mist and fogs in the west of Ireland. Rain has fallen except in the south. Temperature has risen a few degrees in most places, and readings range from 55° in the Shetlands to 66° in London, and 67° at Nottingham. The sea is moderate to slight, except at Valentia.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

5<sup>th</sup> AUGUST

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	29.80	57	Z	0	c	29.79	+06	59	54	0	SW	4	6c	*	63	55	-	
Hernösand	29.83	63	S	2	c	29.87	+09	64	60	+1	Z	0	6	*	70	46	-	
Stockholm	29.83	59	S	2	b	29.80	-03	64	58	-2	WSW	2	c	*	73	52	-	
Wibby	29.76	60	NE	2	6c	29.73	-02	62	59	-2	NNE	4	0	*	68	48	-	
Bodo	29.72	54	SW	4	c	29.77	+15	53	51	-1	SW	4	c	3	55	52	-	
Christiansund	29.81	55	W	2	c	29.79	+07	59	54	+4	SE	3	6c	1	59	46	-	
† Skudesnaes	29.84	59	Z	0	c	29.79	00	59	55	+3	SE	6	0	4	63	47	-	
Orö (Xtiansund)	29.82	59	SW	6	6c	29.88	+10	58	54	0	WSW	2	6	1	63	52	-	
Skagen (The Skaw)	29.85	58	W	3	6	29.84	+03	61	57	+2	W	4	6	2	68	54	-	
Fanö	29.92	55	W	1	6	29.89	+01	70	63	+8	WSW	1	6	*	7	48	-	
Cuxhaven	30.04	64	NNW	1	6	29.94	+02	64	62	0	S	1	6	*	64	52	-	
† Sumburgh Head	29.71	57	SE	3	c	29.57	-19	58	57	+3	SE	3	0	4	61	54	0.01	
† Stornoway	29.57	59	SSE	4	0	29.46	-18	57	56	-1	S	2	2	2	60	54	0.27	
Wick	29.63	59	SW	2	0	29.52	-17	62	59	+5	SW	3	6c	2	65	56	0.02	
Nairn	29.64	66	Z	0	6c	29.52	-14	63	60	+6	Z	0	6c	1	68	53	0.06	
† Aberdeen	29.70	63	Z	0	6c	29.61	-14	63	60	+4	S	4	2	1	64	57	0.04	
Leith	29.71	65	SW	1	6c	29.60	-15	64	60	+5	WSW	1	0	*	72	58	0.02	
† Shields	29.77	70	WSW	3	c	29.69	-11	63	60	+3	SW	3	0	2	72	59	-	
Spurn Head	29.85	67	SSW	2	6c	29.79	-09	61	60	+2	SSW	3	c	3	70	59	-	
York	29.81	71	SW	1	6c	29.76	-10	65	63	+5	S	3	0	*	73	59	-	
Nottingham	29.84	69	S	3	c	29.81	-06	67	63	0	SSW	4	c	*	73	59	-	
† Ardrossan	29.69	62	SSW	3	0	29.58	-16	58	58	-2	SW	4	0	3	64	57	1.21	
† Mullaghmore	29.65	59	SW	4	0	29.56	-13	60	58	-2	SW	5	0	3	65	56	0.56	
Donaghadee	29.71	63	SSW	3	c	29.64	-13	61	59	-2	WSW	3	c	1	67	57	0.14	
Parsonstown	29.72	65	SSW	2	0	29.67	-10	59	57	-4	SW	2	6c	*	69	53	0.05	
Barrow-in-Furness	29.81	63	SSW	3	0	29.70	-11	62	61	+1	S	2	2	3	67	57	0.06	
† Holyhead	29.80	62	S	4	0	29.70	-13	60	59	+1	S	5	0	4	75	58	0.53	
Liverpool (Biston)	29.81	67	WSW	1	c	29.73	-11	63	60	-1	S	2	0	1	72	60	-	
† Valentia	29.70	60	WSW	4	m	29.64	-14	60	59	-2	WSW	3	0	8	67	57	0.43	
Roshe's Point	29.73	63	SW	4	2	29.70	-14	61	59	-1	WSW	4	6c	4	70	55	0.26	
Pembroke	29.84	61	SSW	2	0	29.75	-12	62	60	0	SSW	5	2	4	63	59	0.07	
† Scilly	29.89	63	SW	4	6	29.81	-12	62	62	0	SSW	3	0	4	68	60	0.04	
Prawle Point	29.92	59	SSW	1	6	29.83	-10	57	59	-4	SSE	1	m	1	64	58	0.02	
Hurst Castle	29.93	60	W	3	m	29.87	-06	63	62	0	SSE	3	c	1	65	58	-	
† Dover	29.93	65	WSW	3	6	29.89	-04	66	62	+4	WSW	2	6	1	68	60	-	
† London	29.91	68	S	3	6	29.89	-04	62	60	-2	S	2	0	*	72	57	-	
Oxford	29.90	63	S	1	c	29.85	-07	62	60	+1	S	1	0	*	71	57	-	
Cambridge	29.89	71	W	1	6c	29.84	-06	61	59	-1	SSW	1	0	*	75	56	-	
† Yarmouth	29.90	66	S	1	6c	29.87	-04	59	58	-3	SW	2	0	2	69	56	-	
The Helder	29.92	62	WSW	1	9	29.89	-03	64	61	+5	SSW	1	6	1	70	54	-	
Cape Gris Nez	29.91	64	WSW	2	6	29.89	-04	64	62	+1	SW	1	6	0	70	55	-	
† Jersey	29.98	63	SE	1	6	29.89	-12	66	64	+4	SE	1	0	1	69	60	0.01	
Brest	29.80	64	WSW	2	0	29.84	-16	61	60	0	SSE	3	0	3	68	57	-	
Lorient	29.93	65	SW	1	c	29.82	-17	63	61	+4	SSE	4	c	1	70	57	-	
† Rochefort	29.94	72	NNW	5	6	29.84	-18	64	60	+1	SE	5	0	2	77	57	-	
Biarritz	29.84	82	E	4	c	29.73	-29	64	60	0	E	5	c	2	82	59	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.93	-03	65	60	+5	SW	1	6	*	73	57	-	
Charleville	29.99	60	SW	1	6	29.97	-04	58	54	+4	SSE	1	6	*	73	50	-	
Paris	29.98	69	Z	0	c	29.93	-09	64	60	+1	Z	0	6	*	*	*	-	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	29.83	77	SW	1	6	29.93	+12	64	60	+1	E	4	6	2	81	59	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.60	61	WSW	3	0	28.51	-11	59	58	?	WSW	4	0	*	67	56	-	

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

Hawes Junction	28.60	61	WSW	3	0	28.51	-11	59	58	?	WSW	4	0	67	56	-
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes	29.82	63	56	W	2	0	2	Valentia ...	29.75	63	60	SSW	6	0 g	6
Sumburgh Head	29.74	58	55	SE	4	0	4	Scilly ...	29.92	66	64	SW	4	f	3
Stornoway ...	29.63	58	58	SSE	2	2	2	Dover ...	29.94	67	64	SW	3	6	2 *
Aberdeen ...	29.73	62	59	S	2	0	1	London ...	29.93	70	64	WSW	2	0	
Shields ...	29.78	69	63	SW	3	6c	2	Yarmouth ...	29.91	67	62	SSE	2	6c	2
Ardrossan ...	29.72	61	59	SSW	2	0	3	Jersey ...	30.01	64	62	WSW	1	0 f	1
Mullaghmore ...	29.67	61	60	SW	5	2g	3	Rochefort ...	29.99	77	65	Z	0	6c	0
Holyhead ...	29.88	62	62	S	4	0	3								

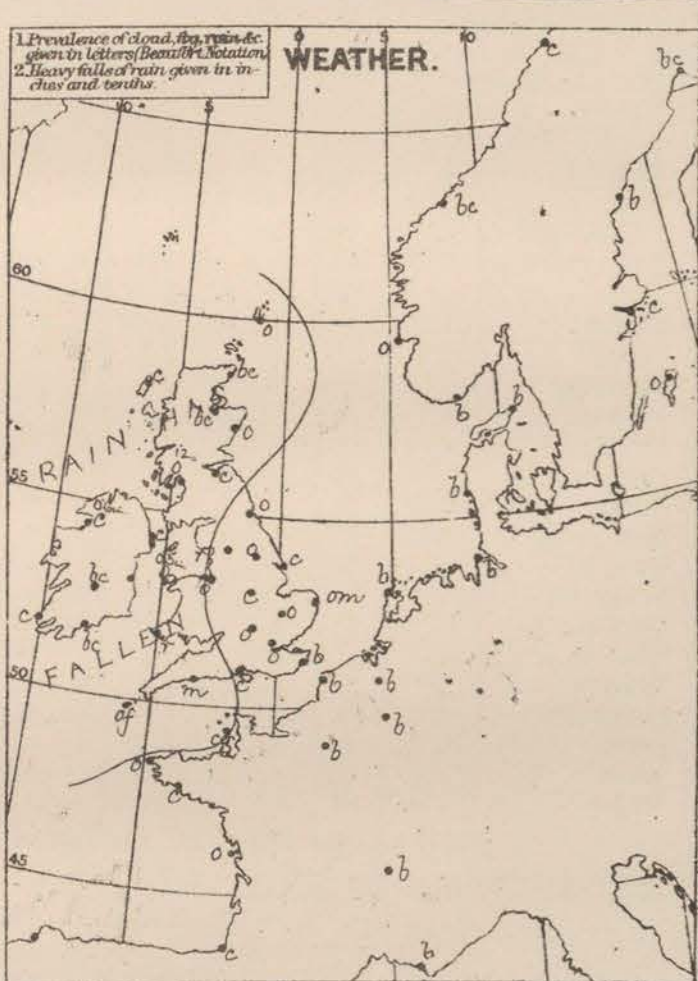
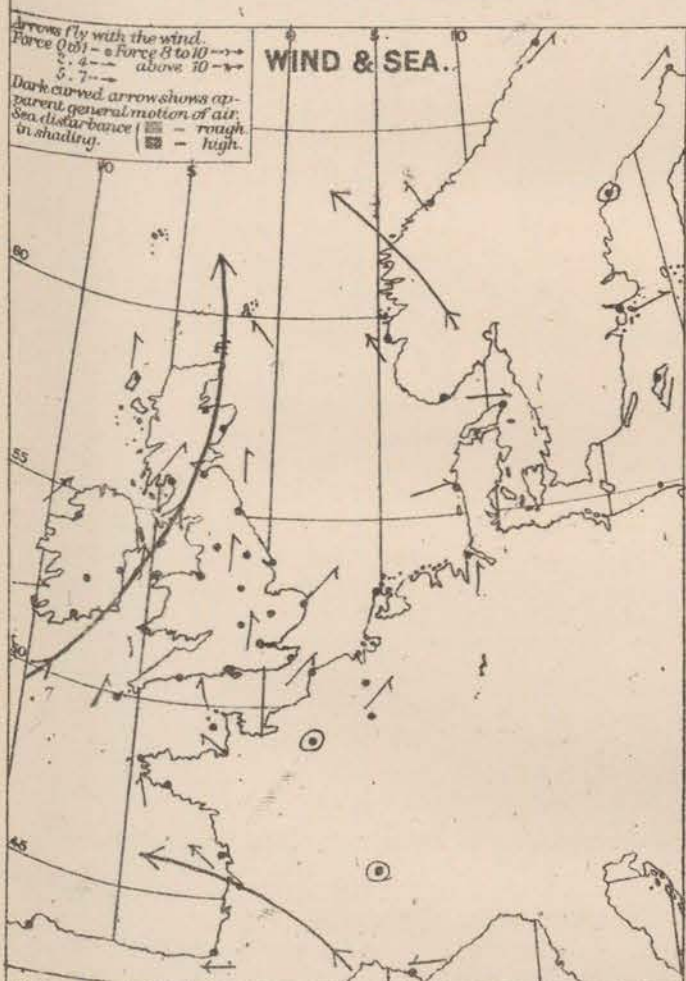
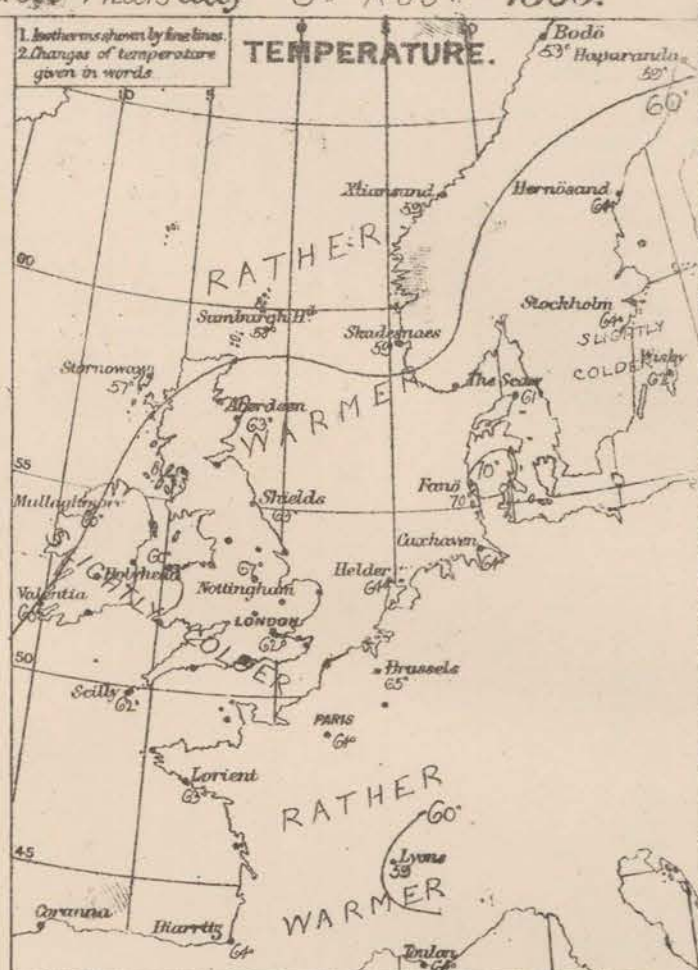
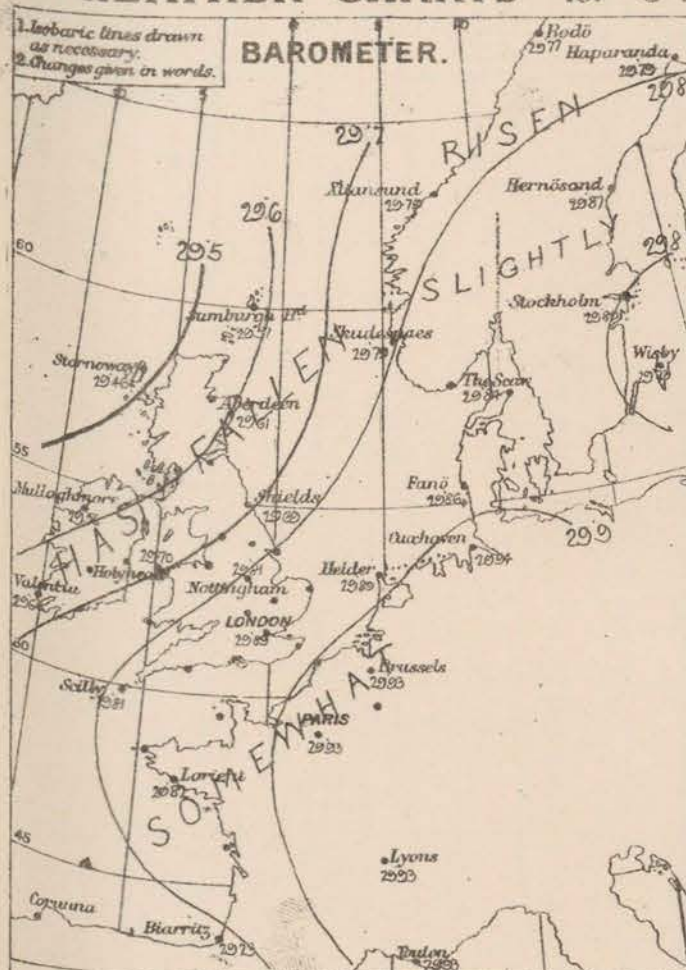
There has been very little change since the morning but the barometer continues to fall generally with a strong S.W. wind and rain in the N.

## 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; 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 5<sup>TH</sup> AUG<sup>ST</sup> 1880.



**REMARKS.** The barometer is falling over the whole of these Islands and France, the change being very slight at the south eastern stations, but moderately back on our north and west coasts and over the Bay of Biscay. A large depression is still shown over our north west coasts, and the general distribution of pressure has not undergone much change except that owing to the increase of fall in the west of France the area of highest readings is now shown over North Germany and the north east of France. E to SE breezes are still reported at the French stations and SW to S winds on all our coasts and over the North Sea. They blow freshly at a few of our western ports and at Rochefort, <sup>and Biscay</sup> but are light or moderate in force generally. Temperature has risen a few degrees on our north east coasts and over France and Denmark, but has fallen elsewhere; it ranges at present from 51° at Stornoway to 67° at Nottingham. The maxima yesterday were between 65° and 70° in most districts, but between 70° and 75° over the northern and central parts of England. The weather this morning is very fine over the north east of France and as far north as the Humber and but is cloudy and dull over these Islands and the N. of France. Rain has fallen except in the E and S. and a heavy thunderstorm has occurred over the Channel. Sea is moderate to smooth.

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

R. H. SCOTT.  
Secretary



## DAILY WEATHER REPORT

6<sup>th</sup> August

1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	29.82	57	SW	2	6	29.94	+15	61	55	+2	S	2	6	*	66	48	-		
Hernösand	29.84	58	SE	0	6	29.93	+06	60	57	-4	S	2	60	*	75	48	-		
Stockholm	29.99	63	NE	2	0	29.72	-08	59	58	-5	NNE	2	2	*	72	50	0.20		
Wisby	29.73	60	NE	4	60	29.63	-10	56	56	-6	NE	4	2	*	64	48	0.67		
Bodo	29.82	54	SE	0	6	29.76	-01	59	52	+6	E	2	6	1	54	48	-		
Christiansund	29.67	60	E	1	0	29.66	-13	62	58	+3	WSW	3	0	2	63	52	-		
† Skudesnaes	29.71	62	SSE	8	0	29.71	-08	61	57	+2	SSE	8	0	5	63	54	-		
Oxö (Kölasund)	29.82	62	SSW	2	60	29.80	-08	60	59	+2	NNE	1	6	1	66	57	-		
Skagen (The Skaw)	29.84	58	SE	0	6	29.82	-02	62	59	+1	SE	0	6	0	70	52	-		
Fanö	29.85	62	SW	2	60	29.83	-06	73	67	+3	SW	2	60	*	70	54	-		
Cuxhaven	29.97	68	N	1	6	29.84	-10	67	66	+3	SE	1	6	*	70	57	-		
† Sumburgh Head	29.46	58	SSE	5	2	29.43	-09	58	57	0	S	4	0	4	64	53	0.02		
† Stornoway	29.37	59	S	4	2	29.36	-10	57	56	0	SSE	4	0	4	63	54	0.03		
Wick	29.44	63	SE	0	60	29.44	-08	58	56	-4	S	3	0	2	71	55	-		
Nairn	29.46	61	WSW	2	60	29.42	-10	59	54	-4	SE	0	0	1	69	59	0.09		
† Aberdeen	29.52	64	SE	3	6	29.50	-11	59	57	-4	S	4	0	2	68	56	0.02		
Leith	29.66	66	SW	1	0	29.52	-08	61	58	-3	SSW	1	0	*	70	57	0.04		
† Shields	29.63	62	SW	2	0	29.59	-10	60	57	-3	SW	2	0	2	67	57	0.32		
Spurn Head	29.73	65	S	3	0	29.64	-15	62	60	+1	S	3	60	3	70	59	-		
York	29.70	66	S	2	0	29.64	-12	62	61	-3	S	1	0	*	70	59	0.01		
Nottingham	29.71	72	S	4	60	29.66	-15	63	62	-4	SW	1	0	*	74	59	-		
† Ardrossan	29.55	60	SW	4	0	29.49	-09	58	57	0	SW	3	0	3	63	56	0.04		
† Mullaghmore	29.55	58	SW	4	0	29.53	-08	59	56	-1	WSW	5	0	4	64	56	0.24		
Donaghadee	29.59	61	SSW	3	0	29.54	-10	62	60	+1	N	3	60	1	67	57	0.12		
Parsonstown	29.61	63	W	1	0	29.61	-06	59	55	0	WSW	1	6	2	67	55	0.29		
Barrow-in-Furness	29.66	63	SSW	3	60	29.59	-11	59	58	-3	SSW	3	6	3	64	57	0.48		
† Holyhead	29.68	63	S	4	6	29.60	-10	59	58	-1	SE	4	0	3	65	57	0.09		
Liverpool (Bishop)	29.67	62	E	2	2	29.62	-11	59	57	-4	SSE	1	2	1	68	57	0.12		
† Valentia	29.65	58	WSW	3	60	29.63	+04	59	55	-1	WSW	4	0	3	66	53	0.39		
Roche's Point	29.68	67	WSW	4	0	29.65	-05	58	55	-3	WSW	5	60	4	72	54	0.36		
Pembroke	29.71	62	SSW	2	60	29.63	-12	60	59	0	WSW	2	0	3	62	58	0.11		
† Scilly	29.78	63	SSW	2	0	29.69	-12	61	59	-1	WSW	5	0	4	70	59	0.07		
Prawle Point	29.76	65	SSW	1	0	29.69	-14	60	59	+1	WSW	1	0	1	67	58	-		
Hurst Castle	29.77	68	SSE	1	60	29.67	-20	61	60	-2	NNE	1	60	0	70	60	0.04		
† Dover	29.78	66	SW	1	6	29.66	-23	64	60	-2	NNE	2	60	1	69	60	-		
† London	29.79	69	S	1	60	29.66	-23	67	62	+5	S	2	0	*	78	59	-		
Oxford	29.76	67	S	2	0	29.66	-19	64	59	-1	SSW	1	0	*	72	58	0.01		
Cambridge	29.76	71	S	1	0	29.65	-19	66	62	+5	S	1	0	*	74	58	-		
† Yarmouth	29.78	65	SSE	3	60	29.70	-17	65	63	+6	SSE	2	6	1	71	57	-		
The Helder	30.15	65	?	1	6	29.76	-13	66	62	+2	SSE	1	0	1	73	61	-		
Cape Gris Nez	29.82	69	WSW	1	6	29.67	-22	64	60	0	SSE	3	0	1	75	55	-		
† Jersey	29.79	70	SE	0	6	29.73	-16	61	60	-5	NW	1	0	1	74	60	0.20		
Brest	29.82	68	NNW	3	6	29.76	-08	61	61	0	W	1	0	2	75	61	-		
Lorient	29.75	68	NNW	1	0	29.74	-08	62	61	-1	NNW	3	0	1	70	61	-		
† Rochefort	29.76	73	SSE	3	0	29.77	-07	67	66	+3	SW	4	0	2	84	59	0.08		
Biarritz	29.77	67	SW	5	6	29.84	+11	64	62	0	WSW	3	2	3	73	61	0.91		
Corunna	*	*	*	*	*	29.70	-23	65	59	0	SE	3	0	*	77	60	-		
Brussels	*	*	*	*	*	29.76	-21	60	55	+2	SSE	4	0	*	81	54	-		
Charleville	29.86	74	SE	4	6	29.76	-21	60	55	+2	SSE	4	0	*	81	54	-		
Paris	29.81	75	NE	4	6	29.71	-22	68	63	+4	NE	1	60	*	*	*	-		
Lyon	29.77	77	S	4	6	29.83	-10	67	60	+7	SW	1	0	*	83	62	0.04		
Toulon	29.94	67	E	1	60	29.92	-01	64	61	0	E	7	0	2	73	61	-		

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

Hawes Junction	28.47	57	WSW	4	0	28.39	-12	57	56	-2	WSW	4	60	52	1.77				
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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 ...	29.75	61	59	SSE	6	0	4	Valentia ...	29.68	65	61	WSW	5	0	4
Sumburgh Head	29.54	63	59	SE	4	60	4	Scilly ...	29.80	68	64	WSW	2	0	4
Stornoway ...	29.42	59	58	S	2	0	2	Dover ...	29.86	68	64	SW	2	6	1
Aberdeen ...	29.45	68	61	S	5	0	2	London ...	29.81	75	67	S	2	0	0
Shields ...	29.67	63	62	SW	2	6	2	Yarmouth ...	29.83	68	63	WSW	2	60	1
Ardrossan ...	29.58	62	59	SW	4	0	4	Jersey ...	29.85	73	66	SSE	1	60	1
Mullaghmore ...	29.56	62	60	SW	4	0	3	Rochefort ...	29.80	78	70	SSE	3	0	1
Holyhead ...	29.71	64	61	S	5	60	4								

Pressure is at present decreasing slowly over the whole country though during the morning a slight increase commenced at Valentia. The wind is SW and the weather cloudy except in the SE. and over the channel.

## 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; 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.

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

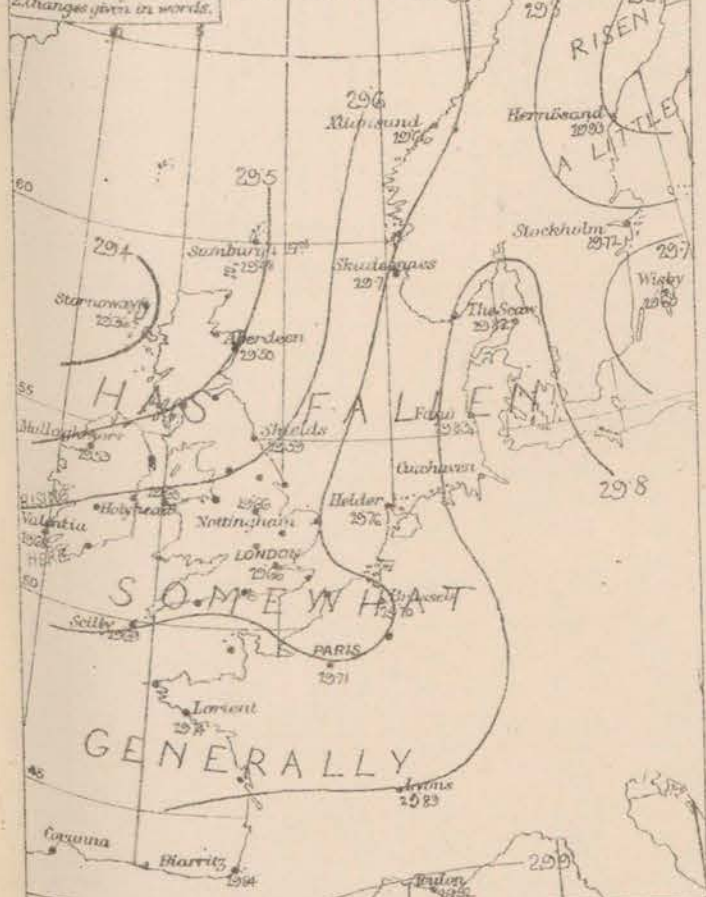
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Friday 6<sup>th</sup> AUGUST 1880.

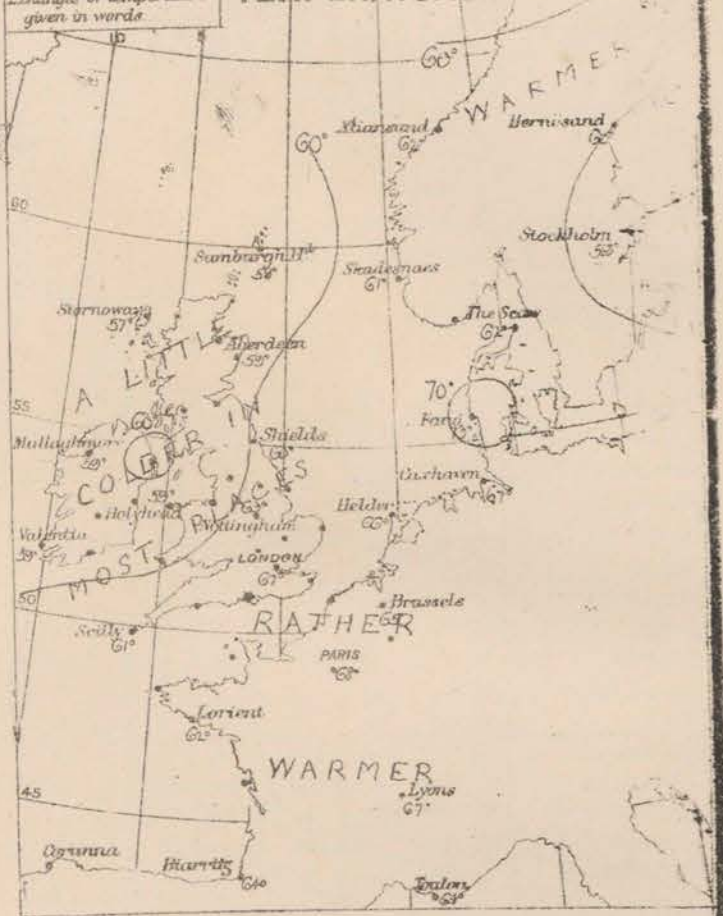
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



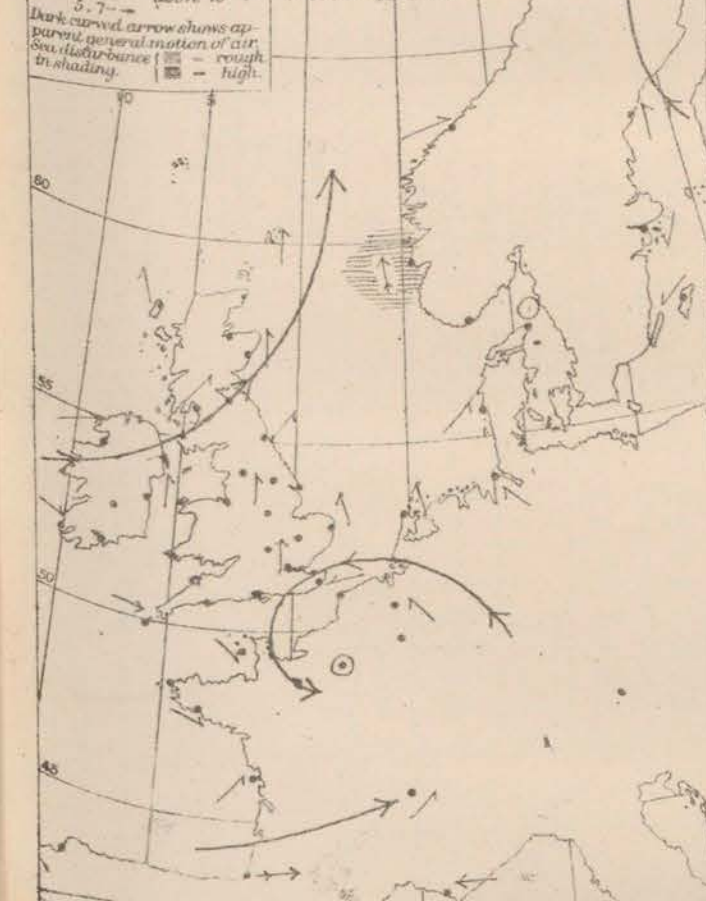
1. Isobaric lines drawn as necessary.  
2. Changes of temperature given in words.

## TEMPERATURE.



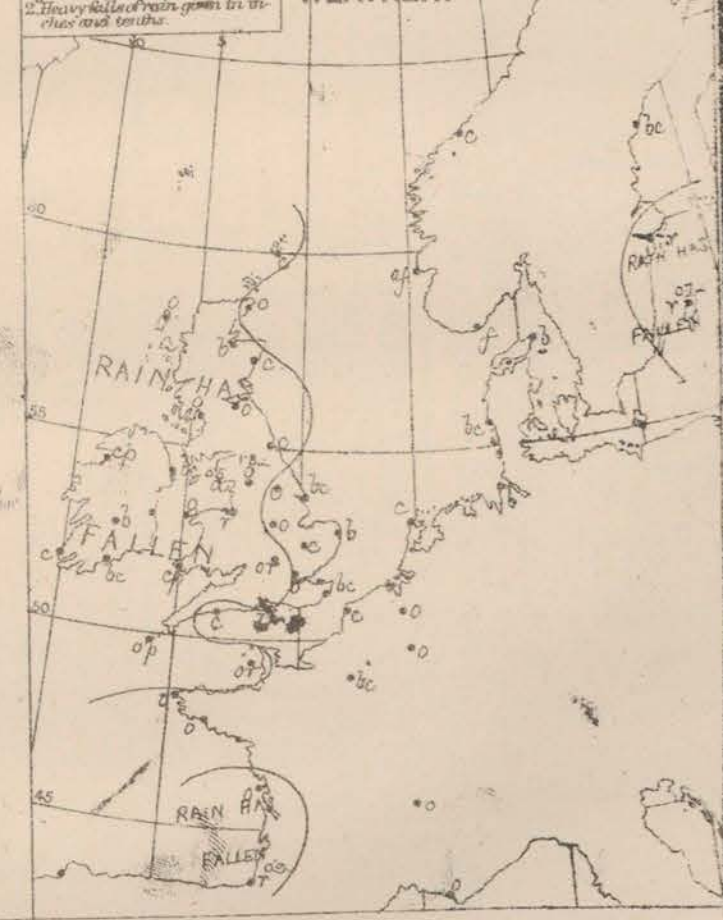
Arrows fly with the wind.  
Force 0-10 - Force 11 to 19  
2-4 - above 10  
5-7 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance ( ) rough in shading. [ ] - high.

## WIND & SEA.



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

## WEATHER.



**REMARKS.** There is no sign of any great improvement in the weather over these islands and their neighbourhood. The depression recently noticed is still shown off the north west coast of Scotland, while a small subsidiary depression has been formed over the Channel. A slight recovery is shown at Valentia but in all other places the mercury is falling, the change being brisk in the south east. Areas of high pressure are shown over the Mediterranean and over the Bay of Biscay. The wind has veered to the W. and W. S. W. over Ireland and the west of France, but S. breezes are reported in nearly all other places except in the south east of England and over the Channel, where very light and variable breezes are reported. The weather is fine on the east coast of England and over Denmark, but is dull and unsettled elsewhere, with rain over our western and central districts. Thunderstorms occurred in the north of England yesterday, that which was experienced at Hawke Junction being very heavy and destructive, 1.77 in. of rain falling. The sea is moderate to slight. Temperature has risen over the Continent and south east of England, fallen in most other districts.

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



# DAILY WEATHER REPORT 7<sup>th</sup> August 1880.

STATIONS	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 5 p.m. and sea level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.91	61	E	0	bc	29.90	-0.4	60	58	-1	E	2	0	6	72	59	-	
Hernösand	29.73	61	NE	1	0	29.76	-1.7	60	59	0	NNE	4	0	6	68	43	-	
Stockholm	30.07	61	E	2	f	29.56	-1.6	65	63	+6	E	4	0	6	66	37	0.16	
Widby	29.62	62	E	4	0	29.54	-0.9	61	60	+5	NW	2	f	6	68	52	0.12	
Bodo	29.67	66	E	2	6	29.78	+0.2	66	56	+4	E	4	6	2	77	9	-	
Christiansund	29.63	65	E	0	6	29.58	-0.8	64	59	+2	E	2	60	1	70	52	-	
† Skudesnaes	29.66	62	S	6	0	29.52	-1.9	66	62	+5	SE	1	0	3	?	?	-	
Oxö (Åland)	29.72	62	ESE	1	f	29.58	-2.2	60	59	0	NE	4	60	2	68	57	-	
Skagen (The Skaw)	29.70	62	NNE	2	6	29.55	-2.4	59	58	-3	NE	3	2	1	75	57	0.04	
Faro	29.61	65	SE	2	60	29.50	-3.3	67	62	-6	E	4	6	6	77	57	-	
Cuxhaven	29.74	71	E	1	0	29.53	-3.1	67	66	0	E	1	60	6	70	61	-	
† Sumburgh Head	29.49	60	S	5	0	29.43	-0.5	56	56	-2	E	4	2	4	63	54	0.25	
† Stornoway	29.41	59	S	5	0	29.35	-0.1	59	57	+2	SE	4	6	4	63	50	0.03	
Wick	29.48	60	SW	1	60	29.40	-0.4	58	55	0	W	1	60	0	69	49	-	
Nairn	29.48	61	WSW	1	6	29.41	-0.1	56	52	-3	E	0	6	0	69	45	0.02	
† Aberdeen	29.52	62	S	4	09	29.43	-0.7	55	53	-4	E	0	6	1	67	52	0.06	
Leith	29.52	59	SW	1	0	29.46	-0.6	59	55	-2	NW	1	60	6	70	40	0.02	
† Shields	29.58	60	S	2	0	29.48	-1.1	60	56	0	W	3	6	2	65	51	0.09	
Spurn Head	29.57	59	S	1	2	29.53	-1.1	58	56	-4	WNW	4	6	3	67	54	0.43	
York	29.56	62	S	1	0	29.54	-1.0	59	56	-3	W	2	64	6	65	50	0.10	
Nottingham	29.58	64	SE	1	0	29.58	-0.8	60	58	-3	SW	3	60	6	65	47	0.53	
† Ardrossan	29.53	61	SW	2	60	29.46	-0.3	57	55	-1	SW	3	0	2	64	54	-	
† Mullaghmore	29.56	61	W	6	60	29.45	-0.8	55	54	-4	SW	4	0.9	3	63	52	0.05	
Donaghadee	29.56	60	SE	2	6	29.50	-0.4	56	55	-6	SE	3	0	1	65	48	0.05	
Parsonstown	29.63	64	SW	2	60	29.42	-1.9	54	53	-5	E	1	2	6	64	52	0.28	
Barrow-in-Furness	29.56	58	NW	2	0	29.54	-0.5	59	57	0	W	2	0	3	66	54	0.12	
† Holyhead	29.60	59	SSW	2	6	29.53	-0.4	57	56	-2	SSW	3	0	2	66	54	0.18	
Liverpool (Biston)	29.67	58	W	3	0	29.54	-0.8	59	55	0	S	1	0	1	67	54	0.13	
† Valentia	29.71	63	WNW	3	0	29.55	-3.3	61	60	+2	WSW	6	0.9	6	66	55	0.35	
Roske's Point	29.70	63	NW	4	60	29.56	-2.9	61	59	+3	WSW	5	0.9	4	67	56	0.32	
Pembroke	29.64	61	W	4	60	29.55	-0.8	56	56	-4	S	3	0	4	62	56	0.17	
† Scilly	29.76	61	WNW	5	0	29.58	-1.1	60	60	-1	SW	6	2	5	63	56	0.06	
Prawle Point	29.68	60	W	3	60	29.64	-0.2	56	56	-4	SSW	4	2	4	63	55	0.08	
Harat Castle	29.61	64	W	3	60	29.67	-0.0	61	60	0	W	4	0	2	68	56	0.24	
† Dover	29.57	64	SW	2	0	29.64	-0.2	65	58	+1	W	3	6	2	67	55	0.03	
† London	29.63	63	SW	2	0	29.63	-0.3	63	58	-4	W	3	0	6	70	50	0.05	
Oxford	29.59	62	W	3	0	29.62	-0.4	59	56	-2	SW	2	0	6	66	50	0.30	
Cambridge	29.55	66	S	1	2	29.60	-0.5	59	57	-7	SW	1	0	6	73	50	0.35	
† Yarmouth	29.57	66	SW	2	0	29.57	-1.3	60	57	-5	WNW	3	60	2	67	55	0.02	
The Helder	29.58	65	SSW	1	60	29.52	-2.4	64	61	-2	WSW	1	0	1	73	63	-	
Cape Gris Nez	29.59	64	WSW	4	0	29.67	-0.0	59	56	-5	WNW	5	60	4	68	57	-	
† Jersey	29.74	61	WNW	4	0	29.79	+0.6	59	58	-2	WSW	5	0	4	67	58	0.03	
Brest	29.81	60	NW	4	0	29.80	+0.4	60	58	-1	WSW	5	2	4	75	59	-	
Lorient	29.78	62	NW	5	0	29.85	+1.1	61	57	-1	W	4	0	4	68	57	-	
† Rochefort	29.84	67	WNW	7	60	29.95	+1.8	63	60	-4	WNW	7	2	2	75	57	-	
Biarritz	29.97	67	W	7	0	29.04	+2.0	64	59	0	NW	5	2	3	70	61	0.28	
Corunna	*	*	*	*	*	29.94	*	64	*	*	W	?	6	1	*	*	*	
Brussels	*	*	*	*	*	29.63	-0.7	60	58	-5	WSW	3	0	6	67	59	0.24	
Charloville	29.65	65	SW	4	0	29.71	-0.5	61	54	+1	WSW	1	60	6	78	57	3.40	
Paris	29.67	68	SW	4	0	29.92	+1.1	61	56	-7	SSW	5	0	6	*	*	0.35	
Lyons	29.73	65	SE	1	0	29.86	+0.3	60	57	-4	W	1	60	6	71	56	0.43	
Toulon	29.78	64	NE	8	0	29.79	-1.3	58	57	-6	W	3	0	7	64	59	0.95	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																		
Hawes Junction	28.34	59	WSW	1	0	28.31	-0.8	53	52	-4	WSW	3	60	6	62	47	0.22	

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

Hawes Junction	28.34	59	WSW	1	0	28.31	-0.8	53	52	-4	WSW	3	60	6	62	47	0.22
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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	29.70	63	60	S	8	o f	5	Valentia	29.70	62	58	wnw	5	c q	5
Sumburgh Head	29.49	62	60	S	5	c	5	Scilly	29.75	63	58	wnw	5	c	4
Stornoway	29.35	63	57	W	6	60	4	Dover	29.62	66	62	SW	2	6 m	1
Aberdeen	29.57	63	57	W	5	60	4	London	29.61	69	65	SW	2	0	*
Shields	29.58	64	60	SW	1	0	1	Yarmouth	29.64	67	63	SSE	1	6	1
Ardrossan	29.52	62	58	SW	3	60	3	Jersey	29.74	63	61	W	3	c q	3
Mullaghmore	29.55	62	59	WSW	5	60	4	Rochefort	29.80	68	64	wnw	4	c	2
Holyhead	29.60	64	63	WNW	4	2	3								

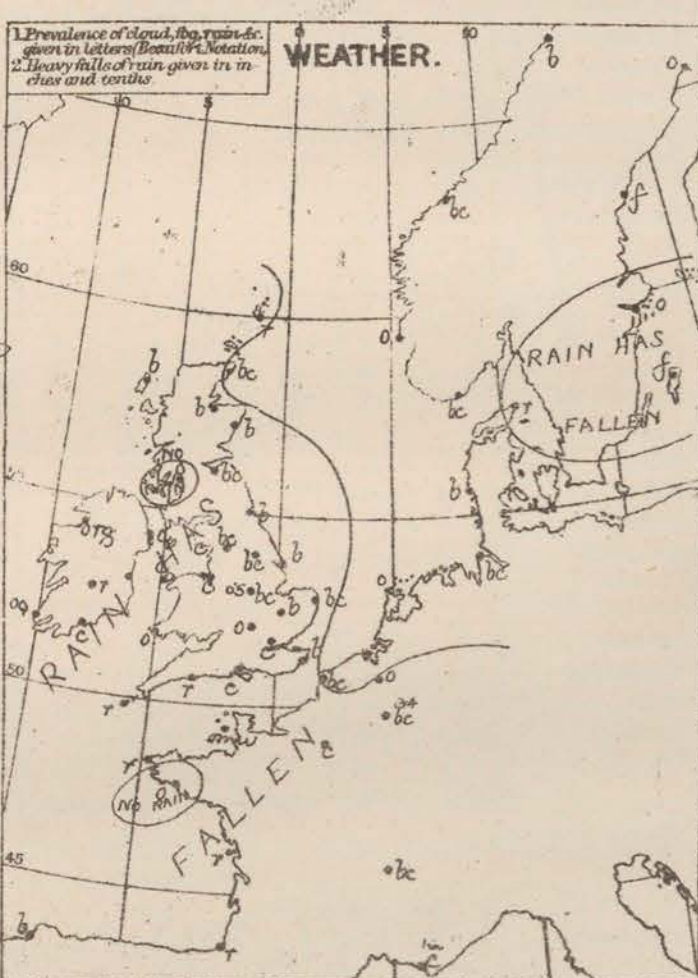
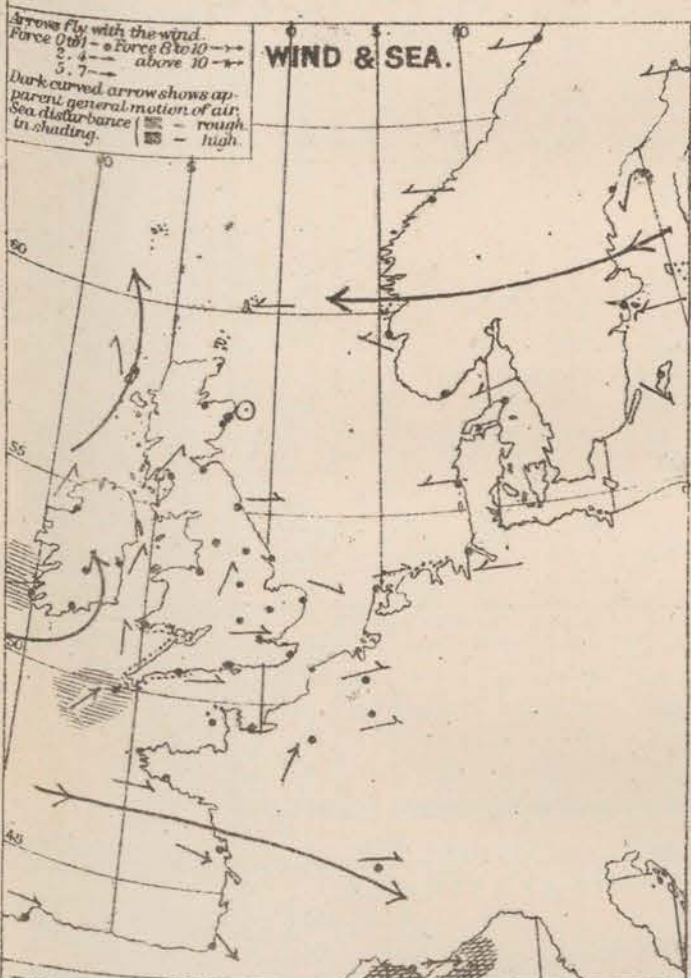
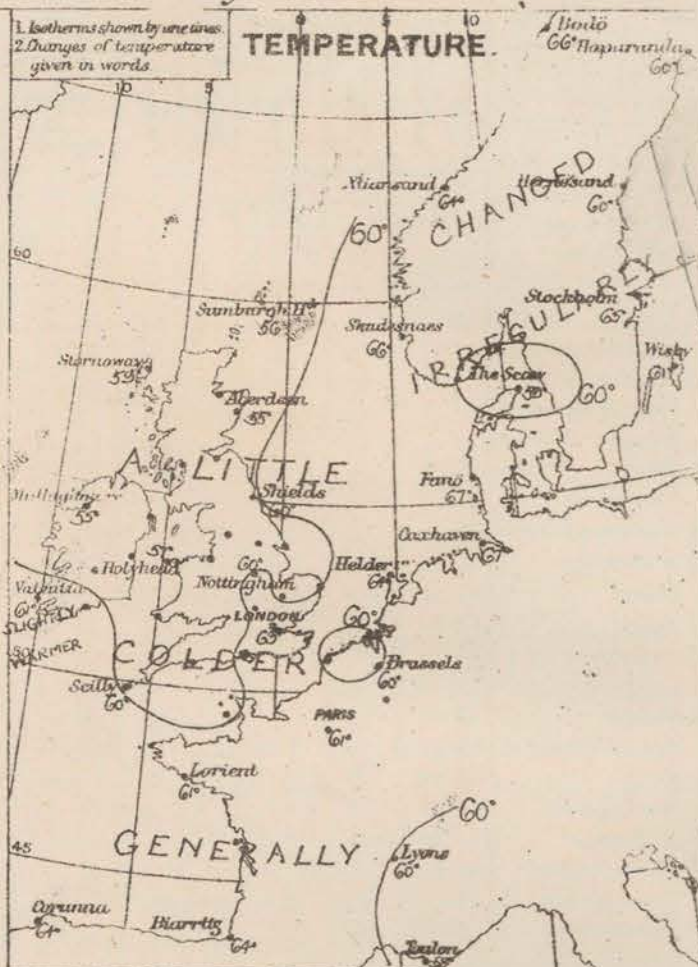
Pressure is still giving way in the SE. but is inclined to increase elsewhere. The weather is cloudy or dull except in Portland and on the S.E. coast of England; the wind is W<sup>4</sup> except in the SE, where it is light from SW. and SE.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. haze; l. lightning; m. mist; (hazy) o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 8 p.m. in our Islands, 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 7<sup>th</sup> AUGUST 1880.



Note: A dotted line is drawn round these comets upon which the South Sea has been limited this morning.

**REMARKS.** The depression noticed in the south east yesterday has since passed on over the North Sea, while that of our north west coast appears to have dispersed. The barometer continues to rise over the south of France and a very slight recovery has taken place in the south east of England, but in all other places the mercury is falling. In the south west the change has been considerable, and a rather important depression has advanced over Ireland from the Atlantic. The wind is W over France, the Channel and most of the more southern parts of the Kingdom, but in the central and northern districts it is generally S, while at Paris and London it is E. It blows strongly on our south west coast and over France, but is moderate or light generally. The weather is, fine in the east and north, very dull, unsettled and rainy on our western coast and over France. Rain has fallen in all places, rather severe thunderstorms occurring in the east and north east. Temperature has fallen and readings range from 55° at Aberdeen and Mullaghmore to 65° at Dover. The maxima yesterday varied between 65° and 70° generally. The sea is rough at Valentia, moderate, to slight elsewhere.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 8<sup>th</sup> AUGUST 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	29.83	63	NE	2	b	29.78	-.14	65	63	+5	E	2	0	*	68	59	-	
Hernösand	29.63	62	NNE	4	b	29.67	-.09	62	61	+2	SE	4	0	*	64	55	-	
Stockholm	29.45	63	ESE	2	0	29.54	-.02	66	62	+1	ESE	2	0	*	72	59	0.16	
Wisby	29.52	60	ESE	2	c	29.53	-.01	65	60	+4	SE	4	6	*	70	54	0.16	
Bodö	29.66	58	SE	4	bc	29.52	-.26	68	62	+2	E	4	0	2	73	61	-	
Christiansund	29.38	64	SW	2	bc	29.24	-.34	67	60	+3	SSE	3	b	1	73	54	-	
† Skudesnaes	29.35	60	ESE	2	h	29.31	-.21	60	59	+6	SW	4	e	4	66	61	-	
Oxö (Klansund)	29.38	62	ENE	6	0	29.37	-.21	61	59	+1	N	1	c	1	63	59	0.20	
Skagen (The Skaw)	29.41	64	h	0	b	29.40	-.15	63	60	+4	h	0	c	0	73	57	-	
Fanö	29.41	62	SSW	2	bc	29.38	-.12	63	59	-4	SSW	2	bc	*	77	55	0.43	
Cuxhaven	29.53	67	WNW	3	c	29.42	-.11	60	60	-7	SSE	2	h	*	68	54	0.12	
† Sumburgh Head	29.30	55	NNW	2	h	29.24	-.19	55	55	-1	WNW	4	h	3	59	53	2.84	
† Stornoway	29.33	62	W	5	bc	29.43	+0.08	59	57	0	WNW	6	bc	5	65	52	-	
Wick	29.35	60	NW	2	bc	29.36	-.04	61	55	+3	NW	4	0	2	67	47	-	
Nairn	29.37	59	W	2	h	29.42	+0.01	58	55	+2	h	0	c	1	67	52	0.09	
† Aberdeen	29.34	61	S	1	bc	29.43	+0.00	63	57	+8	W	2	b	1	68	52	-	
Leith	29.35	61	NW	1	bc	29.43	+0.02	63	58	+4	NNW	1	b	*	72	53	-	
† Shields	29.36	59	S	2	0	29.48	+0.00	56	54	-4	WNW	4	0	2	64	52	0.03	
Spurn Head	29.32	58	SW	5	h	29.48	+0.05	53	56	0	WNW	5	bc	5	66	54	0.31	
York	29.35	55	ENE	1	h	29.52	+0.02	60	56	+1	NW	2	bc	*	65	52	0.58	
Nottingham	29.21	58	SSE	5	h	29.56	+0.02	59	57	-1	WNW	5	0	*	66	51	0.38	
† Ardrossan	29.39	59	NW	3	0	29.52	+0.06	60	53	+3	NW	3	bc	2	63	56	0.02	
† Mullaghmore	29.50	60	WNW	6	bc	29.64	+0.19	59	56	+4	W	5	bc	5	61	55	0.17	
Donaghadee	29.45	57	NNE	3	bc	29.60	+0.10	58	57	+2	NW	3	h	1	61	53	-	
Parsonstown	29.56	56	SW	1	c	29.74	+0.32	58	55	+4	W	3	c	*	61	50	0.89	
Barrow-in-Furness	29.36	54	NNW	3	h	29.54	+0.00	58	56	-1	NNW	4	c	4	62	53	0.42	
† Holyhead	29.38	56	NNW	7	bc	29.64	+0.11	57	55	0	WNW	6	b	4	74	53	1.09	
Liverpool (Bidston)	29.28	52	NNE	5	h	29.58	+0.04	58	55	-1	W	5	c	3	63	52	1.10	
† Valentia	29.40	59	NW	4	c	29.82	+0.47	59	57	-2	W	4	cm	4	64	54	0.03	
Roche's Point	29.60	61	NNW	6	bc	29.76	+0.40	59	55	-2	W	3	bc	3	64	50	-	
Pembroke	29.42	57	NW	7	bc	29.71	+0.16	57	54	+1	WNW	6	b	5	62	55	0.07	
† Scilly	29.64	61	WNW	8	c	29.84	+0.26	59	55	-1	WNW	5	0	2	65	57	0.02	
Prawle Point	29.43	59	WNW	7	b	29.76	+0.09	58	55	+2	WNW	5	h	5	63	53	0.11	
Hurst Castle	29.30	63	WSW	7	bc	29.66	+0.01	61	60	0	NNW	7	b	4	64	56	0.10	
† Dover	29.40	58	SW	6	0	29.51	-.13	55	53	-10	WNW	5	bcq	4	65	54	0.38	
† London	29.28	60	S	3	0	29.61	+0.02	61	59	-2	NW	5	0	*	69	53	0.19	
Oxford	29.30	58	SW	6	0	29.61	+0.01	58	54	-1	W	5	cq	*	62	53	0.12	
Cambridge	29.29	57	SSE	1	0	29.55	+0.05	57	55	-2	NW	1	0	*	66	52	0.41	
† Yarmouth	29.40	60	S	3	h	29.43	-.14	55	55	-5	NW	4	h	4	67	55	1.48	
The Helder	29.45	62	SW	1	h	29.27	-.25	60	58	-4	S	1	c	?	64	57	0.12	
Cape Gris Nez	29.42	59	SSW	8	h	29.47	-.20	57	55	-2	WNW	3	h	7	64	55	0.24	
† Jersey	29.54	61	W	2	0	29.83	+0.04	60	57	+1	WNW	7	bc	6	63	56	0.14	
Brest	29.74	61	WNW	7	bc	29.88	+0.08	60	56	0	NNW	4	0	2	63	59	0.39	
Lorient	29.70	62	WNW	8	m	29.90	+0.05	59	56	-2	NW	5	0	4	64	55	0.32	
† Rochefort	29.83	65	WSW	9	h	29.96	+0.01	64	59	+1	NW	5	bc	4	68	57	0.16	
Biarritz																		
Corunna	*	*	*	*	*	30.09	+0.15	67	*	+3	SW	1	0	5	*	*	*	
Brussels	*	*	*	*	*	29.36	-.27	55	55	-5	SW	7	h	*	69	55	0.35	
Charleville	29.64	64	WSW	4	0	29.54	-.17	54	51	-7	WSW	7	0	*	70	46	0.24	
Paris	29.66	60	SW	7	h	29.73	-.09	62	56	+1	NW	7	0	*	*	*	0.04	
Lyons	29.86	66	N	1	0	29.87	+0.01	66	60	+6	WNW	1	bc	*	75	56	-	
Toulon	29.74	67	S	9	c	29.84	+0.05	62	57	+4	NW	5	b	4	68	59	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.16	50	h	0	h	28.31	+0.00	54	52	+1	WSW	3	0	*	59	49	0.32	

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

Hawes Junction	28.16	50	h	0	h	28.31	-.00	54	52	+1	WSW	3	0	*	59	49	0.32
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes ...	29.43	66	60	S	2	om	3	Valentia ...	29.59	60	55	NW	5	cq p	5
Sumburgh Head	29.39	57	57	E	3	E	3	Scilly ...	29.51	64	62	W	7	c p	7
Stornoway ...	29.33	61	58	S	5	bc	4	Dover ...	29.60	63	59	WSW	5	c	4
Aberdeen ...	29.37	65	37	S	2	6	1	London ...	29.50	62	59	SSE	2	c p	*
Shields ...	29.42	64	56	WNW	2	C	2	Yarmouth ...	29.55	67	58	WSW	2	bc	2
Ardrossan ...	29.40	61	58	WSW	3	0	2	Jersey ...	29.65	57	57	SSW	6	om	5
Mullaghmore ...	29.43	57	54	NW	6	ogd	5	Rochefort ...	29.91	65	59	W	8	0	2
Holyhead ...	29.33	55	55	ENE	5	h	3								

The depression noticed this morning has advanced quickly over us and a brisk increase of pressure has occurred at Valentia, while a decided fall has taken place over the W of England. The wind circulates round the depression, blowing strongly in the SW. *The weather is very showery.*

### 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; (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

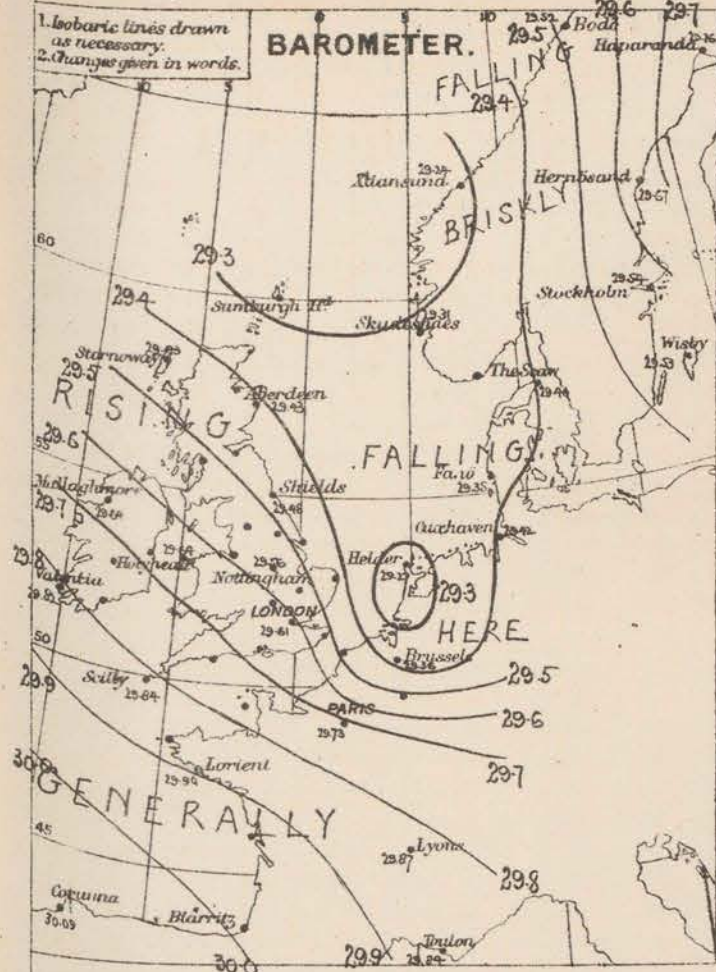
for 8 a.m. on Sunday

Sunday 8<sup>TH</sup> August

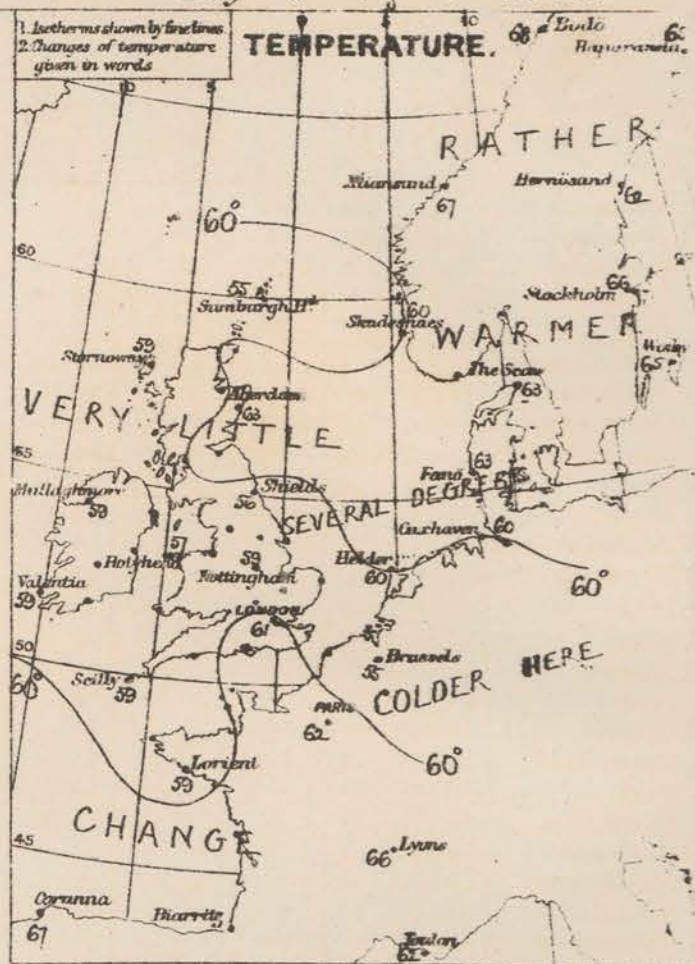
1880.

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

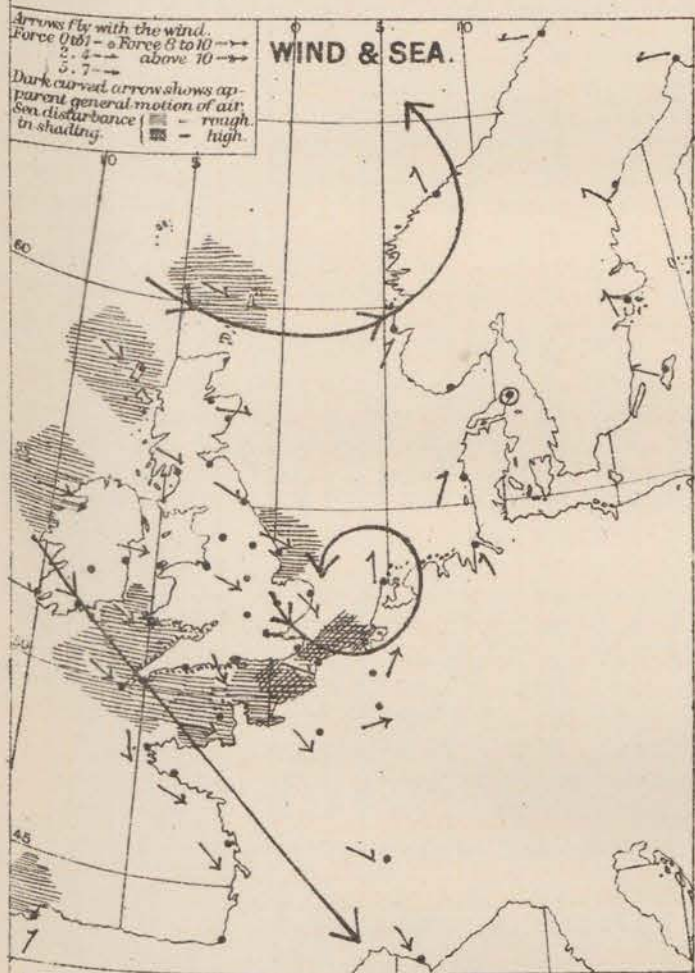
BAROMETER.



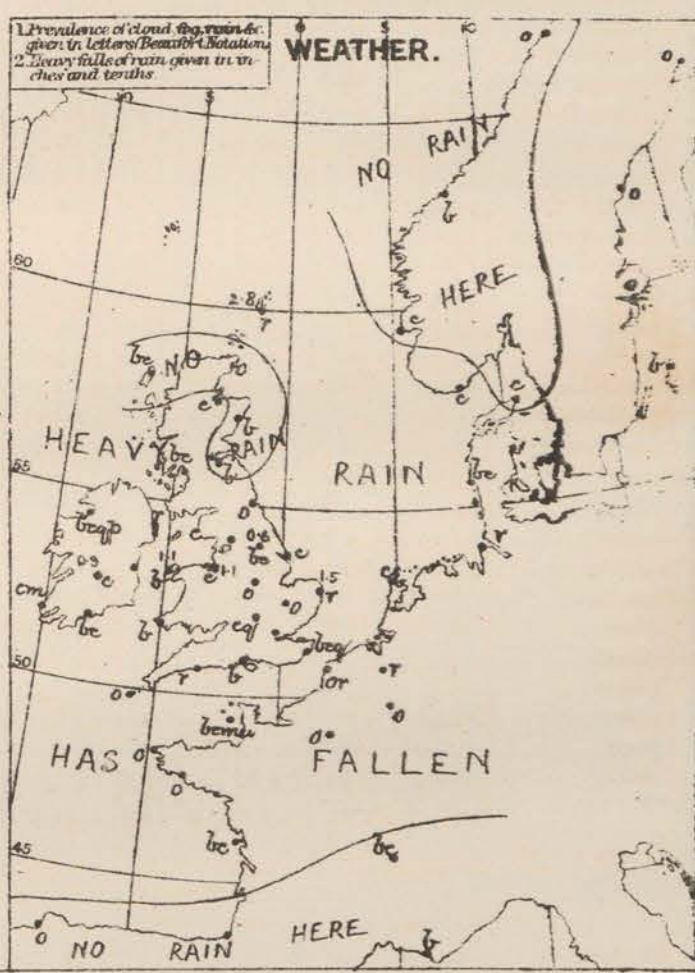
### TEMPERATURE.



## WIND &amp; SEA.



## WEATHER.



As dotted line has been drawn round the counterpane which the signals are positioned.

REMARKS. Weather remains in a very unsettled state. The deep depression which passed across SE<sup>e</sup> England yesterday occasioned sharp gales on our SW. and E. coasts, very heavy rain over a large part of the country, and thunder and lightning at Yarmouth. The disturbance has now passed on over the North Sea, and the mercury has risen fast all over the country. The weather is, however, far from fine generally, though in the S. of Scotland and over Wales the sky is clear or nearly so. The wind veered to NW. generally during the night, but though still blowing from that direction at our E<sup>e</sup> stations, in the W. it is backing to the NW. again. Temperature has fallen in the SE., scarcely changed elsewhere, and remains low for the season. It ranges from 55° in the Shetlands and the SE. of England to 63° at Lenth. The sea is rough in the S. and SW. Harwich. The S. buoy was hoisted on our SW. coast yesterday afternoon.

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

**R. H. SCOTT.**  
Secretary



# DAILY WEATHER REPORT

5<sup>th</sup> August

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	29.79	59	2	0	f	29.93	+1.1	64	61	-1	S	2	6c	*	68	59	0.71		
Hernösand	29.70	60	2	0	f	29.80	+1.13	64	62	+2	NE	4	6c	*	68	57	-		
Stockholm	29.62	64	E	4	c	29.67	+1.13	67	64	+1	ESE	4	0	*	74	57	0.24		
Wisby	29.56	66	SSE	2	b	29.86	+1.03	64	63	-1	SW	2	0	*	77	?	0.28		
Bodo	29.52	67	E	2	c	29.71	+1.19	66	59	-2	E	4	0	1	68	61	-		
Christiansund	29.48	60	WSW	1	c	29.60	+1.36	59	57	-8	WSW	1	0	1	70	52	0.16		
† Skudesnaes	29.52	59	NNW	2	c	29.54	+1.23	59	57	-1	NW	3	0	4	64	59	-		
Oxö (Xiansund)	29.88	62	SSW	1	0	29.37	0.0	62	61	+1	NNE	4	0	2	68	57	1.06		
Skagen (The Skaw)	29.52	62	ESE	3	2	29.45	+1.05	60	58	-3	WSW	8	6	3	70	55	0.39		
Fanö	29.53	61	SW	2	2	29.58	+1.20	63	58	0	W	4	0	*	68	59	0.24		
Cuxhaven	29.45	65	SE	2	c	29.62	+1.20	61	60	+1	NNW	7	2	*	?	57	0.38		
† Sumburgh Head	29.43	56	W	5	6c	29.74	+1.50	54	52	-1	NW	4	0	4	57	50	0.25		
† Stornoway	29.55	60	WNW	6	c	29.82	+1.39	59	58	0	WNW	5	0	6	65	55	0.02		
Wick						29													
Nairn	?	62	W	3	b	29.84	+1.42	59	54	+1	W	2	0	1	66	54	-		
† Aberdeen	29.67	65	NNW	2	6c	29.84	+1.41	62	56	-1	NW	4	6	1	68	59	0.13		
Leith	29.61	66	NNW	1	0	29.89	+1.41	62	56	-1	NW	3	6	*	72	52	-		
† Shields	29.62	64	NW	2	c	29.89	+1.41	58	54	+2	WNW	4	6	1	67	50	0.20		
Spurn Head	29.66	59	NW	4	2	29.90	+1.42	59	55	+1	WNW	5	6	4	63	55	0.10		
York	29.66	65	W	4	6c	29.93	+1.41	60	55	0	NW	1	6	*	68	49	0.07		
Nottingham	29.76	61	N	3	b	29.97	+1.41	64	58	+5	SW	2	6	*	67	46	-		
† Ardrossan	29.68	60	NW	4	6c	29.93	+1.41	59	56	-1	W	2	6	1	63	55	-		
† Mullaghmore	29.79	60	NNW	4	0	29.97	+1.33	58	54	-1	SW	3	0	2	63	56	-		
Donaghadee	29.76	59	W	2	6c	29.98	+1.38	61	57	+3	WNW	3	6	1	65	50	0.03		
Parsonstown	29.81	64	W	1	b	30.03	+1.29	57	54	-1	S	1	6	*	66	45	-		
Barrow-in-Furness	29.71	63	W	3	b	29.94	+1.40	58	55	0	NW	2	6	2	65	54	-		
† Holyhead	29.76	62	SW	2	6c	30.00	+1.36	58	56	+1	NW	2	6	2	72	55	-		
Liverpool (Bidston)	29.74	63	W	5	b	29.96	+1.38	61	57	+3	W	1	6	1	64	55	-		
† Valentia	29.84	62	WSW	2	c.m.	30.00	+1.18	64	57	+2	E	2	6	2	65	48	-		
Roche's Point	29.81	61	W	4	c	29.98	+1.22	58	55	-1	SE	2	6	2	69	53	-		
Pembroke	29.82	60	WSW	4	6c	29.98	+1.27	60	59	+3	W	0	6	0	62	57	-		
† Scilly	29.91	60	WSW	2	0	29.99	+1.15	60	60	+1	E	1	f	4	68	57	0.02		
Prawle Point	29.87	61	W	4	6c	30.01	+1.25	58	57	0	W	0	c	1	66	54	0.02		
Hurst Castle	29.80	66	NW	5	b	30.08	+1.42	60	58	-1	WNW	2	6	2	69	56	-		
† Dover	29.73	63	NNW	3	b	29.97	+1.46	64	58	+9	NNW	2	6	1	65	55	0.12		
† London	29.76	64	NW	4	c	29.99	+1.38	61	57	0	WSW	2	6	*	68	49	0.08		
Oxford	29.82	58	W	1	b	29.99	+1.38	59	56	+1	W	1	6	*	65	50	0.01		
Cambridge	29.72	63	NW	1	6c	29.97	+1.42	60	56	+3	W	1	6	*	68	49	-		
† Yarmouth	29.65	63	NNW	3	c	29.91	+1.48	60	57	+5	NNW	4	6	3	64	51	0.05		
The Helder	29.62	60	NNW	5	2	29.79	+1.52	61	58	+1	WNW	4	6	3	64	59	0.24		
Cape Gris Nez	29.74	62	W	7	c	29.97	+1.50	58	56	+1	WNW	2	6	2	66	54	0.04		
† Jersey	29.95	60	W	4	b	30.08	+1.25	60	59	0	W	1	m	1	64	57	0.04		
Brest	30.02	59	W	4	0	30.04	+1.16	61	60	+1	W	3	2	3	64	54	0.12		
Lorient	30.02	61	NNW	5	0	30.04	+1.14	61	60	+2	WSW	4	m	3	66	57	-		
† Rochefort	30.04	65	NW	7	0	30.12	+1.16	63	60	-1	WNW	4	0	2	70	57	-		
Biarritz	30.10	66	NW	4	6c	30.15		64	60		SW	3	6	4	70	59	-		
Corunna	*	*	*	*	*	30.16	+1.07	65	*	-2	NW	1	6	5	*	*	*		
Brussels	*	*	*	*	*	29.93	+1.57	60	57	+5	W	5	6	*	62	56	0.98		
Charleville	29.80	57	W	4	6c	29.97	+1.43	58	54	+4	SE	5	c	*	64	46	0.28		
Paris	29.88	65	NW	8	6c	30.08	+1.35	59	56	-3	NNW	4	c	*	*	*	-		
Lyons	29.95	66	NNW	1	c	30.09	+1.22	60	55	-6	WNW	1	6	*	71	54	-		
Toulon	29.78	69	W	8	b	29.83	-0.1	63	63	+1	W	8	6	7	72	59	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	28.48	58	WSW	4	6c	28.71	+1.40	54	52	0	WSW	2	6	*	62	45	0.11		

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

Hawes Junction	28.48	58	WSW	4	b.c	28.71	+1.4	54	52	0	WSW	2	6	62	45	0.11			
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

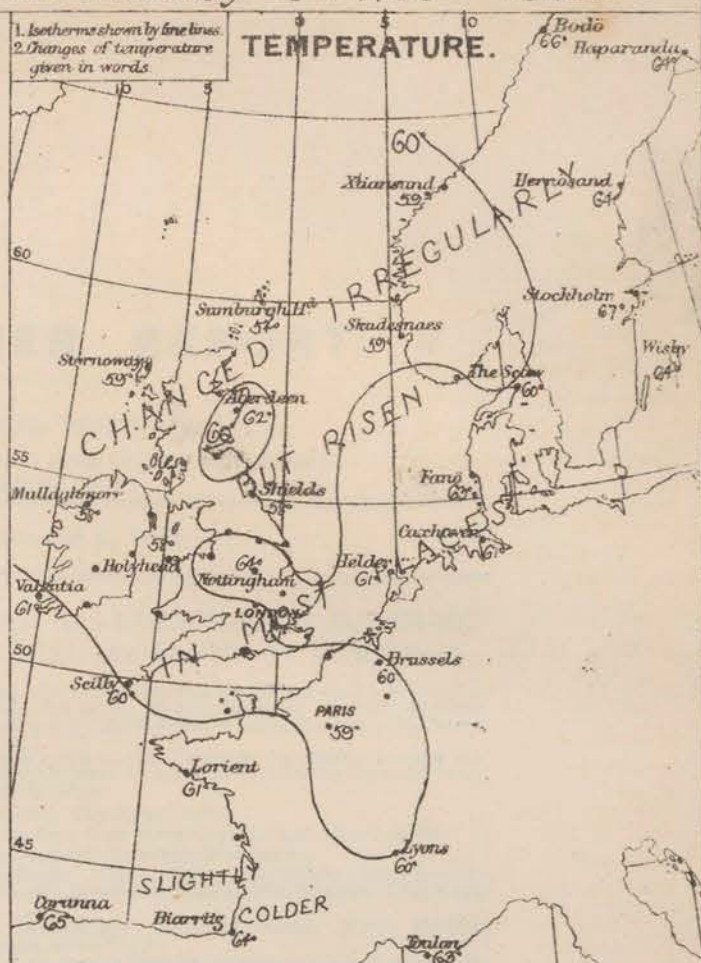
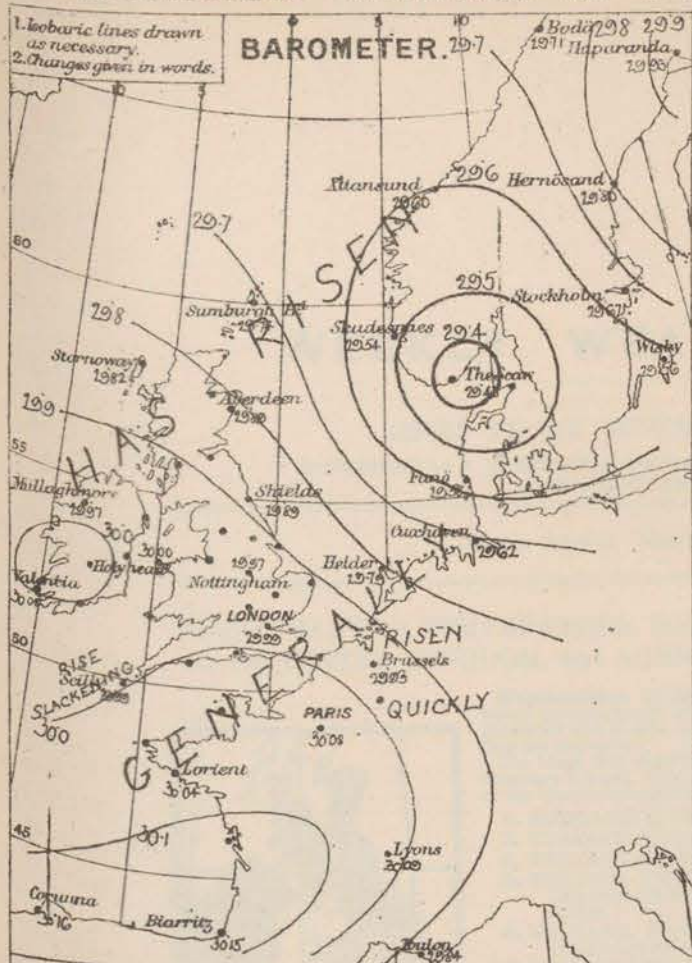
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.44	65	60	SW	4	c.m.	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.01	68	61	NW	7	b.c
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 (low)  
 o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark  
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



WEATHER CHARTS, for 8 a.m. on Monday 9<sup>TH</sup> AUG<sup>ST</sup> 1880.



**REMARKS.** The depression noticed during Saturday and yesterday has suddenly passed in a N<sup>W</sup> direction, and is shown this morning over the Skager Rack, where, however, it appears to be slowly filling up. The mercury is rising over the whole of Western Europe, but in the south west of England the increase is very slight, and there are some indications of a fresh disturbance. An anticyclone lies over the southern portion of the Bay of Biscay, while a smaller area of high pressure is shown over Ireland. The wind is NW<sup>W</sup> to W<sup>N</sup> on nearly all our own and the French coasts, but in the south of Ireland and at Scilly E<sup>S</sup> breezes are reported. At all stations except Stornoway the wind is moderate to light in force. The weather is dull in the extreme south west and north, with fog at Scilly and rain at Poole but in all other places the sky is clear or nearly so. Showers of rain have fallen except in the west and thunder and lightning occurred in the north east. Temperature has risen in most places, and readings range from 54° in the Shetlands to 64° at Dover. Sea is rough at Stornoway, moderate to slight elsewhere.

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

R. H. SCOTT.  
Secretary

DANCEFIELD LITH 22 BEDFORD ST COVENT GARDEN



# DAILY WEATHER REPORT

10<sup>th</sup> August

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETR.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.01	64	Z	0	bc	30.01	+0.08	69	64	+5	E	2	0	*	73	63	-	
Hernösand	29.93	64	Z	0	o	29.95	+0.15	66	66	+2	NNE	2	0	*	73	57	-	
Stockholm	29.81	65	Z	0	o	29.97	+0.30	68	61	+1	WSW	2	0	*	72	61	-	
Wisby	29.76	61	SSW	2	c	29.91	+0.35	62	60	-2	S	2	0	*	70	55	-	
Bodö	29.81	69	SE	2	c	29.89	+0.18	69	61	+3	E	2	bc	1	79	64	-	
Christiansund	29.79	58	W	1	r	29.99	+0.39	56	55	-3	W	1	f	1	61	48	-	
† Skudesnaes	29.82	57	W	7	r	30.06	+0.52	59	55	0	NNW	4	c	3	59	57	-	
Oxö (Klansund)	29.74	62	NE	6	c	29.97	+0.60	62	57	0	NNW	2	0	1	61	57	0.08	
Skagen (The Skaw)	29.73	62	SE	2	b	29.95	+0.50	64	62	+4	NNW	3	0	0	74	55	-	
Fanö	29.82	59	W	2	c	30.03	+0.35	62	60	-1	NNW	6	bc	*	63	55	0.22	
Cuxhaven	29.92	62	NW	6	o	30.07	+0.45	62	60	+1	NNW	7	0	*	63	59	0.01	
† Sumburgh Head	29.82	57	NNW	4	b	30.06	+0.26	56	55	+2	SW	4	0	4	60	50	-	
† Stornoway	29.91	60	S	5	c	29.91	+0.09	59	56	0	SSW	7	c	6	65	55	-	
Wick	29.98	60	NW	3	bc	30.04	+0.18	61	58	+4	WSW	3	0	2	64	52	-	
Nairn	29.96	66	W	1	b	30.04	+0.30	66	60	+7	W	3	0	2	68	56	-	
† Aberdeen	30.00	64	SSE	1	b	30.09	+0.25	66	60	+4	SSW	1	0	0	68	57	-	
Leith	30.02	65	W	1	bc	30.15	+0.26	64	61	+2	W	1	bc	*	71	53	-	
† Shields	30.04	65	NW	3	bc	30.21	+0.32	60	54	+2	W	1	0	0	66	49	-	
Spurn Head	30.08	61	ESE	1	b	30.26	+0.36	60	56	+1	W	2	0	1	61	54	-	
York	30.07	66	W	4	b	30.26	+0.33	60	58	0	W	2	0	*	69	48	-	
Nottingham	30.12	65	NW	2	b	30.29	+0.32	64	60	0	SW	2	0	*	73	46	-	
† Ardrossan	30.05	61	SW	2	b	30.17	+0.24	61	60	+2	SW	2	0	2	67	58	-	
† Mullaghmore	30.00	67	SW	4	og	30.16	+0.19	66	63	+8	SW	4	og	2	69	57	-	
Donaghadee	30.08	62	SSE	4	b	30.20	+0.22	66	65	+5	WSW	3	c	1	66	55	-	
Parsonstown	30.06	69	W	1	o	30.24	+0.21	64	63	+7	S	1	0	*	71	57	-	
Barrow-in-Furness	30.11	63	NNW	1	b	30.21	+0.27	59	58	+1	SW	3	bc	2	66	54	-	
† Holyhead	30.12	63	SSW	2	b	30.25	+0.25	61	60	+3	SSW	4	c	3	74	57	-	
Liverpool (Biston)	30.10	64	NNW	1	b	30.25	+0.31	63	59	+2	ESE	1	0	1	66	56	-	
† Valentia	30.10	61	SSE	5	og	30.26	+0.26	61	61	0	SE	4	og	4	65	59	-	
Roche's Point	30.10	69	S	2	b	30.27	+0.29	63	62	+5	SSW	2	f	3	73	56	-	
Pembroke	30.14	63	WSW	1	bc	30.29	+0.31	60	59	0	S	1	0	0	66	59	-	
† Scilly	30.17	64	W	2	c	30.30	+0.31	62	61	+2	SE	1	og	4	67	59	-	
Prawle Point	30.17	60	ESE	1	m	30.31	+0.30	56	56	-2	Z	0	f	1	65	51	-	
Hurst Castle	30.14	65	W	2	b	30.32	+0.24	57	57	-3	NNW	1	f	1	68	52	-	
† Dover	30.11	63	SW	3	b	30.28	+0.31	65	60	+1	WSW	3	0	1	67	55	-	
† London	30.13	71	W	2	bc	30.30	+0.31	64	59	+3	W	1	0	*	76	57	-	
Oxford	30.16	63	WSW	1	b	30.30	+0.31	64	61	+5	W	1	0	*	72	52	-	
Cambridge	30.10	66	NW	1	b	30.30	+0.33	61	57	+1	NW	1	0	*	73	48	-	
† Yarmouth	30.11	64	NNE	1	b	30.26	+0.35	62	58	+2	NNW	2	0	2	65	54	-	
The Helder	30.09	61	NW	2	bc	30.23	+0.44	62	57	+1	NNW	1	0	1	64	61	-	
Cape Gris Nez	30.13	62	SW	2	bc	30.30	+0.33	62	61	+4	SW	3	0	1	66	55	-	
† Jersey	30.19	66	NNW	1	b	30.33	+0.28	68	64	+8	Z	0	0	0	68	58	-	
Brest	30.21	64	NW	1	o	30.34	+0.30	57	57	-4	N	1	m	2	66	55	-	
Lorient	30.14	65	NNW	4	bc	30.28	+0.24	61	59	0	E	3	c	1	70	59	-	
† Rochefort	30.21	68	NNW	4	bc	30.27	+0.15	63	?	0	E	3	m	2	74	57	-	
Biarritz	30.21	68	N	4	b	30.15	+0.10	62	59	-2	E	4	0	3	72	57	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.30	+0.37	58	55	-2	SW	1	0	*	69	54	-	
Charleville	*	57	NW	1	b	30.33	+0.36	54	50	-4	SSE	1	c	*	74	41	-	
Paris	30.16	69	Z	0	b	30.25	+0.27	61	56	+2	NW	1	0	*	*	*	-	
Lyons	30.15	66	N	1	c	30.28	+0.19	60	55	0	N	1	0	*	71	52	-	
Toulon	29.88	71	NW	8	b	30.10	+0.27	73	59	+10	Z	0	0	5	75	61	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																		
Hawes Junction	29.86	59	WSW	2	b	29.82	+0.31	54	54	0	WSW	3	f	*	63	46	-	

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

Hawes Junction	29.86	59	WSW	2	b	29.82	+0.31	54	54	0	WSW	3	f	*	63	46	-
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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 ...	29.61	59	56	NNW	8	o	5	Valentia ...	30.04	64	61	SSE	6	c	5
Sumburgh Head ...	29.81	58	56	NW	4	c	4	Scilly ...	30.09	63	62	SSE	1	of	3
Stornoway ...	29.87	62	55	NNW	4	b	5	Dover ...	30.05	65	62	SW	3	b	3
Aberdeen ...	29.92	62	59	NNW	3	c	1	London ...	30.06	70	67	W	2	bc	*
Shields ...	29.97	64	57	NW	4	c	2	Yarmouth ...	30.00	65	59	N	4	bc	3
Ardrossan ...	29.98	66	58	SW	1	bc	1	Jersey ...	30.12	66	62	SW	1	eg	1
Mullaghmore ...	30.00	64	57	S	2	bc	2	Rochefort ...	30.16	73	65	NNW	5	o	2
Holyhead ...	30.04	62	59	NNW	2	b	1								

Pressure is increasing everywhere with fine weather over the greater part of the country, but at Valentia the rise is very slight and a strong SSE. wind has sprung up with much cloud.

## EXPLANATION OF COLUMNS.

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

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

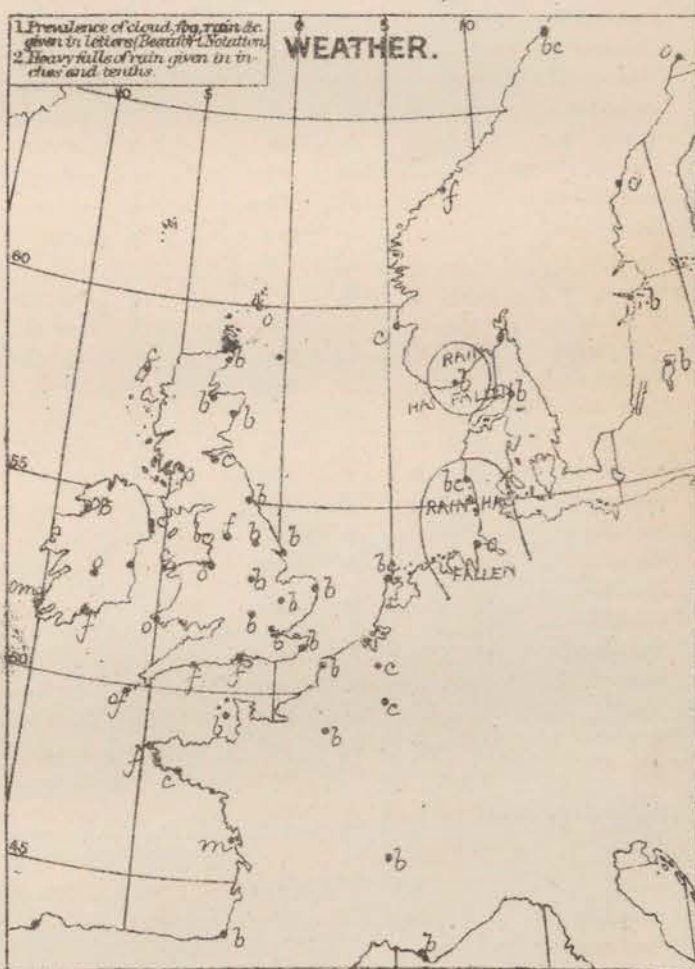
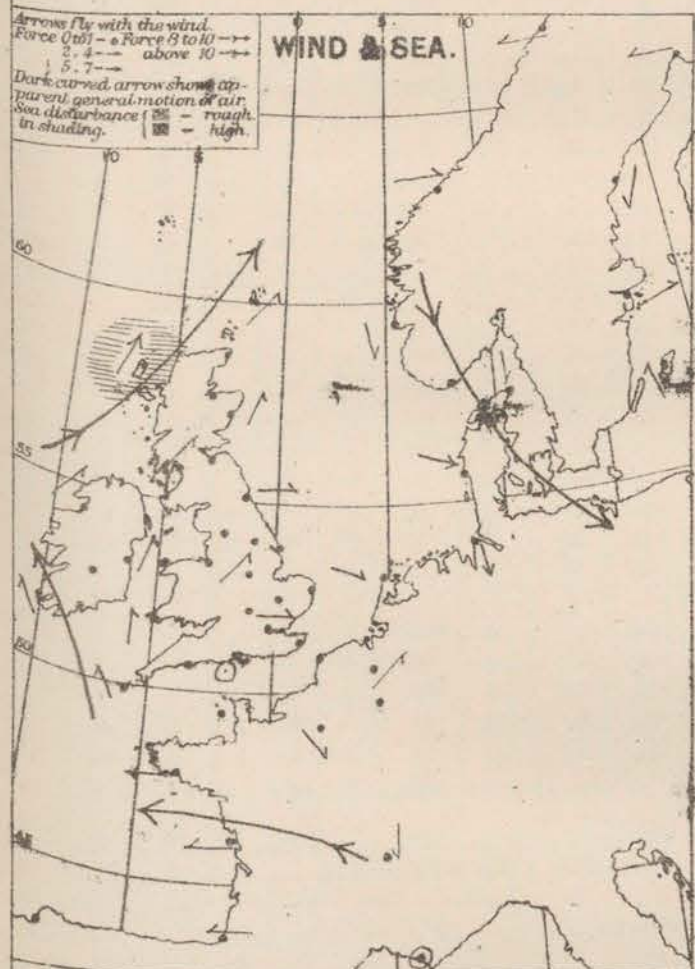
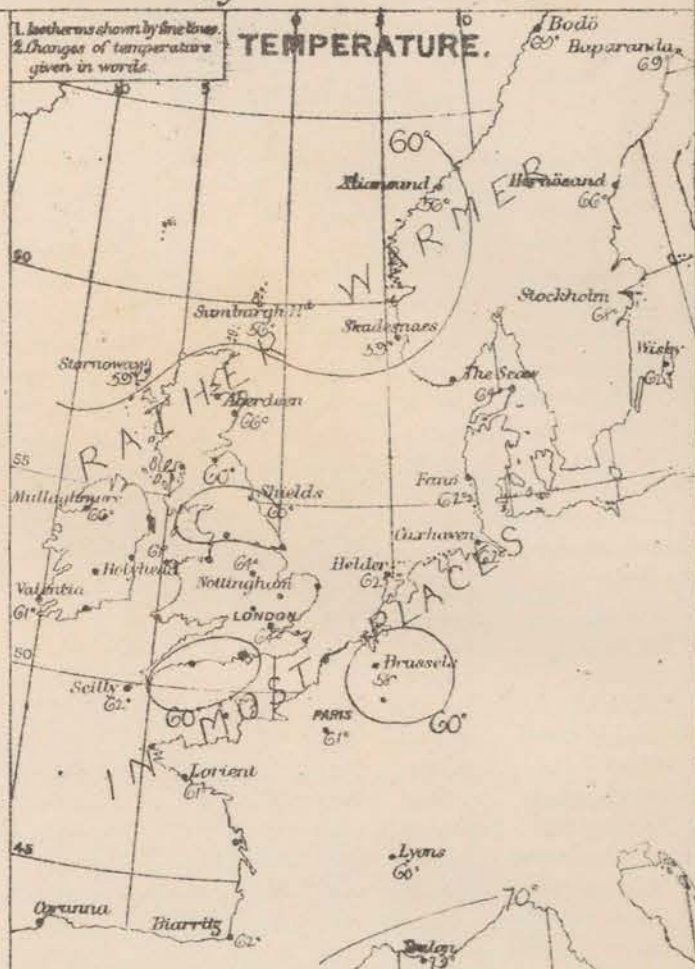
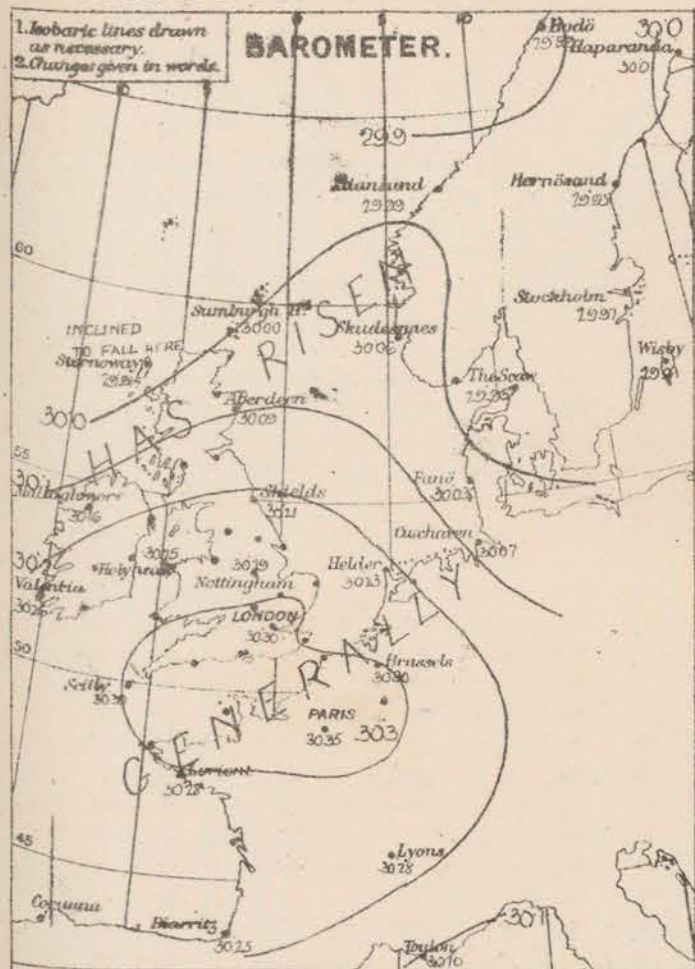
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



**WEATHER CHARTS** *for 8 a.m. on Tuesday 10<sup>TH</sup> AUG 17 1880.*



**REMARKS.** In the course of the past 24 hours the barometer has risen somewhat decidedly over the whole of Western Europe, and readings have become uniformly high in France, England and Ireland, while moderate gradients for SW winds lie over our northern districts. The winds reported are anticyclonic: - i.e. E<sup>W</sup> over the Bay of Biscay, SE<sup>W</sup> to S<sup>W</sup> in Scotland, W<sup>W</sup> in Scotland and the north east of England, and NW on the eastern shores of the North Sea. In the Channel calm and variable airs are reported. Temperature is inclined to increase generally and varies from 60° to 62° at our inland stations, but is lower at many of the coast stations. The maximum readings yesterday varied from 70° to 76° over the inland parts of England and Ireland. The weather has been dry in all parts of our Islands during the past 24 hours. The sky is now clear over G<sup>W</sup> Britain generally, dull and gloomy in Ireland and foggy along our south coast. The sea is rough at Stornoway, moderate off our extreme south-west coasts, smooth elsewhere.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

11<sup>TH</sup> AUGUST

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 ...	30.12	67	Z	0	bc	30.10	+09	73	64	+4	Z	0	bc	*	82	61	-		
Hernösand ...	30.10	64	Z	0	bc	30.24	+29	64	61	-2	NNW	4	c	*	84	61	-		
Stockholm ...	30.13	64	SW	2	bc	30.21	+25	71	64	+3	NW	2	bc	*	77	57	-		
Wisby ...	30.06	62	NNE	2	bc	30.10	+19	64	62	+2	Z	0	bc	*	70	52	-		
Bodo ...	30.04	55	SW	2	0	30.12	+23	59	57	-10	E	2	bc	1	70	52	0.08		
Christiansund ...	30.13	60	Z	0	bc	30.23	+24	60	58	+4	SSE	1	c	1	63	50	-		
Skudesnaes ...	30.19	59	NNW	4	bc	30.23	+17	64	58	+5	NNW	2	bc	2	63	59	-		
Oxö (Kisansund) ...	30.15	66	NNW	2	bc	30.20	+23	62	59	0	NNW	2	bc	1	70	59	-		
Skagen (The Skaw) ...	30.14	62	Z	0	bc	30.20	+25	65	61	+1	Z	0	bc	0	77	55	-		
Fanö ...	30.18	59	NNW	4	bc	30.23	+20	62	59	0	Z	0	bc	*	68	54	-		
Cuxhaven ...	30.16	63	NNW	6	0	30.21	+14	61	61	-1	E	1	f	*	63	55	-		
Sumburgh Head ...	30.15	59	SW	3	0	30.26	+26	60	58	+4	SSW	3	0	3	64	55	-		
Sternoway ...	30.10	64	SSW	5	0	30.12	+21	60	?	+1	SSW	3	0	3	67	56	-		
Wick ...	30.17	70	W	2	bc	30.27	+23	70	65	+9	W	2	bc	1	76	53	-		
Nairn ...	30.17	70	W	2	bc	30.28	+24	64	60	-2	Z	0	bc	1	75	63	-		
Aberdeen ...	30.19	67	ENE	1	bc	30.30	+21	68	65	+2	NNW	1	c	0	81	60	-		
Leith ...	30.22	70	W	1	bc	30.30	+15	71	68	+7	NNW	1	bc	*	78	62	-		
Shields ...	30.25	71	W	1	c	30.32	+11	67	64	+7	NNW	1	bc	0	73	58	-		
Spurn Head ...	30.26	64	S	2	bc	30.27	+01	64	62	+4	N	4	bc	3	73	60	-		
York ...	30.27	72	W	3	bc	30.30	+04	66	64	+6	NW	1	bc	*	77	58	-		
Nottingham ...	30.27	72	W	1	bc	30.30	+01	70	67	+6	NW	2	bc	*	80	56	-		
Ardrossan ...	30.25	65	S	1	c	30.31	+14	64	63	+3	Z	0	f	0	67	60	-		
Mullaghmore ...	30.23	67	WSW	1	0	30.29	+13	63	62	-3	Z	0	0	0	72	63	-		
Donaghadee ...	30.28	69	WSW	2	c	30.33	+13	68	68	+2	S	2	f	0	72	57	-		
Parsonstown ...	30.28	71	NW	1	0	30.30	+06	69	66	+5	Z	0	bc	*	74	62	-		
Barrow-in-Furness ...	30.31	62	NNW	1	0	30.30	+09	63	62	+4	NNE	2	bc	2	63	58	-		
Holyhead ...	30.30	63	SSW	2	c	30.30	+05	61	60	0	NNE	2	bc	1	66	59	-		
Liverpool (Bilston) ...	30.29	66	NW	1	c	30.31	+06	63	62	0	N	1	0	1	72	61	-		
Valentia ...	30.28	66	NNE	1	0	30.28	+02	64	62	+3	SSE	1	0	1	68	60	-		
Roche's Point ...	30.29	68	SSW	3	f	30.29	+02	60	59	-3	SSW	2	f	3	74	58	-		
Pembroke ...	30.32	61	S	1	f	30.28	-01	63	61	+3	E	1	0	0	64	59	-		
Scilly ...	30.31	64	NNE	1	c	30.25	-05	59	59	-3	ENE	2	f	2	67	56	0.01		
Prawle Point ...	30.30	62	WSW	1	f	30.25	-06	68	65	+12	NNE	2	bc	1	68	54	-		
Hurst Castle ...	30.28	66	WSW	2	bc	30.26	-06	63	61	+6	NW	1	bc	1	67	56	-		
Dover ...	30.26	65	WSW	2	bc	30.25	-03	67	60	+2	NE	3	bc	1	69	60	-		
London ...	30.27	68	SE	1	0	30.27	-03	68	61	+4	SE	1	0	*	79	58	-		
Oxford ...	30.30	70	NW	1	0	30.29	-01	68	64	+4	N	1	c	*	75	63	-		
Cambridge ...	30.26	74	W	1	bc	30.27	-03	65	63	+4	NE	1	0	*	79	59	-		
Yarmouth ...	30.28	68	NNE	1	bc	30.26	00	65	60	+3	Z	0	bc	1	70	59	-		
The Helder ...	30.25	63	NNW	1	c	30.23	00	62	59	0	NNE	1	bc	1	63	61	-		
Cape Gris Nez ...	30.27	66	SW	2	bc	30.26	-04	62	60	0	NE	3	bc	2	70	55	-		
Jersey ...	30.31	67	NW	1	bc	30.26	-07	68	61	0	NE	1	bc	1	73	57	-		
Brest ...	30.28	69	NNE	2	bc	30.22	-12	60	58	+3	E	4	bc	3	70	55	-		
Lorient ...	30.15	68	SW	2	bc	30.17	-11	62	59	+1	NE	3	bc	1	72	59	-		
Rochefort ...	30.19	76	ENE	4	bc	30.14	-13	63	59	0	E	5	bc	2	82	57	-		
Biarritz ...	30.11	82	ENE	5	bc	30.02	-23	62	57	0	ESE	5	bc	2	82	57	-		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	30.13	-07	58	57	0	NNW	3	c	*	73	55	-		
Charleville ...	?	67	W	2	bc	30.19	-14	59	53	+5	NE	5	bc	*	77	?	-		
Paris ...	30.26	72	N	1	bc	30.21	-14	64	58	+3	NNE	4	bc	*	*	*	-		
Lyons ...	30.17	70	N	1	bc	30.06	-22	63	55	+3	N	1	bc	*	75	58	-		
Toulon ...	30.02	69	SW	4	c	29.91	-19	72	63	-1	E	4	bc	-	81	63	2		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.07	60	SW	2	0	29.10	+08	61	61	+7	ENE	1	bc	*	63	54	-		

## HIGH LEVEL STATION.

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

Hawes Junction	29.07	60	SW	2	0	29.10	+08	61	61	+7	ENE	1	bc	63	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 ...	30.15	62	57	WNW	4	b	3	Valentia ...	30.30	66	64	SSE	3	og	3
Sumburgh Head	30.07	60	57	WSW	4	c	4	Scilly ...	30.34	66	63	SE	1	0	2
Stornoway ...	30.04	66	63	SSW	5	c	5	Dover ...	30.29	68	64	WSW	2	b	1
Aberdeen ...	30.13	76	66	S	2	b	0	London ...	30.29	74	65	WSW	2	b	*
Shields ...	30.21	71	66	W	3	b	1	Yarmouth ...	30.27	69	61	N	2	b	2
Ardrossan ...	30.22	63	61	SW	2	0	2	Jersey ...	30.35	69	64	WSW	2	b	2
Mullaghmore ...	30.22	68	66	SW	4	om	2	Rochefort ...	30.27	78	70	NW	4	bc	1
Holyhead ...	30.30	65	62	SSW	4	0	3								

*Pressure is increasing generally, but the change in the S.E. is extremely slight. The wind remains S.E. in the W, with cloudy weather, and W. in the E, with fine warm weather.*

## EXPLANATION OF COLUMNS.

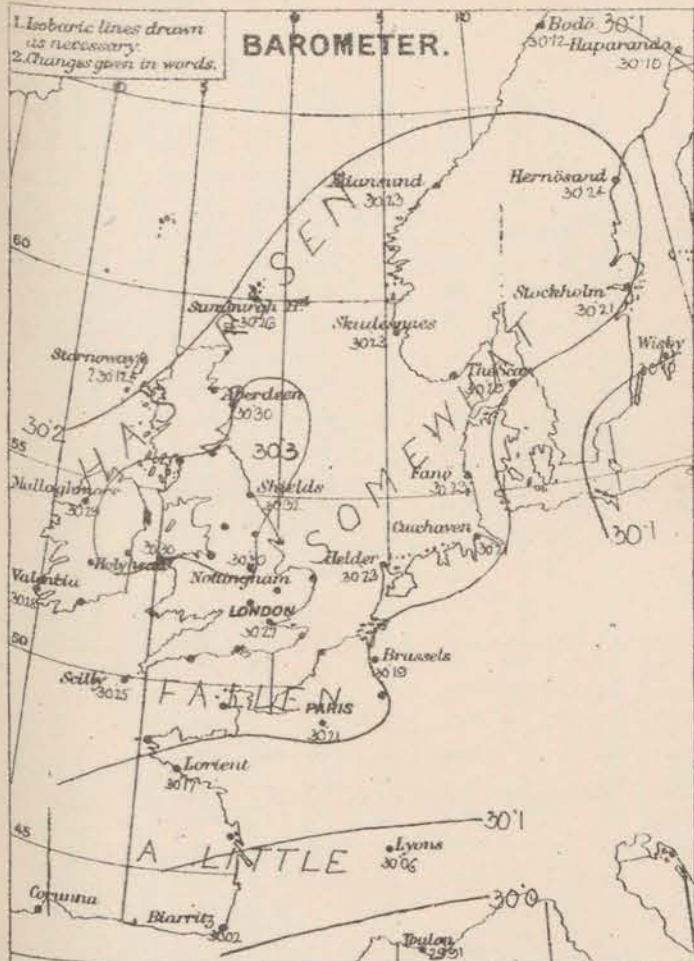
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 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 Wednesday 11<sup>th</sup> AUG<sup>st</sup> 1880.

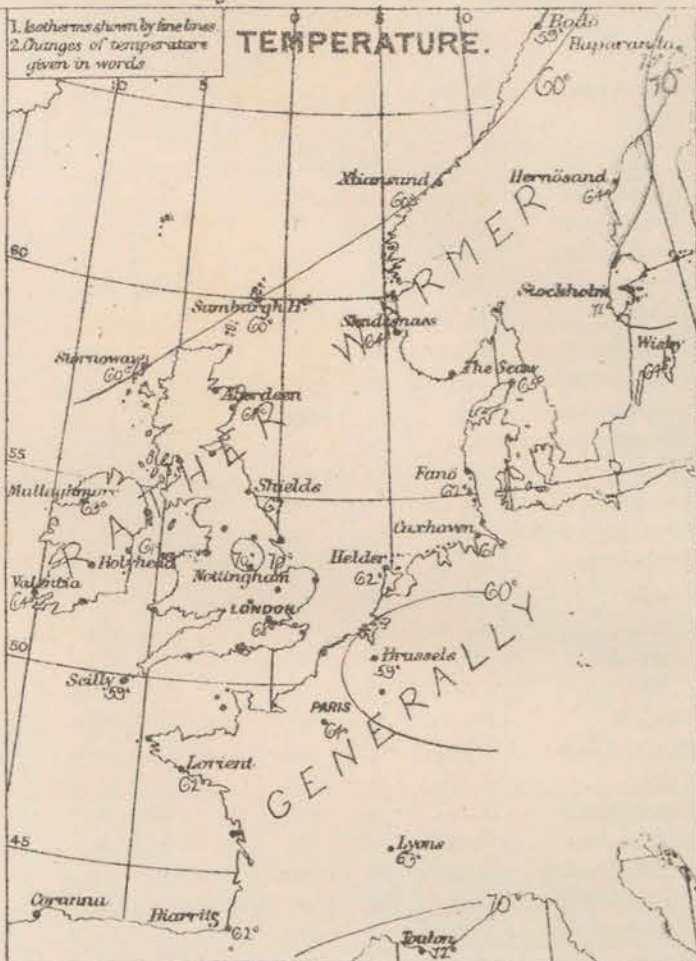
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



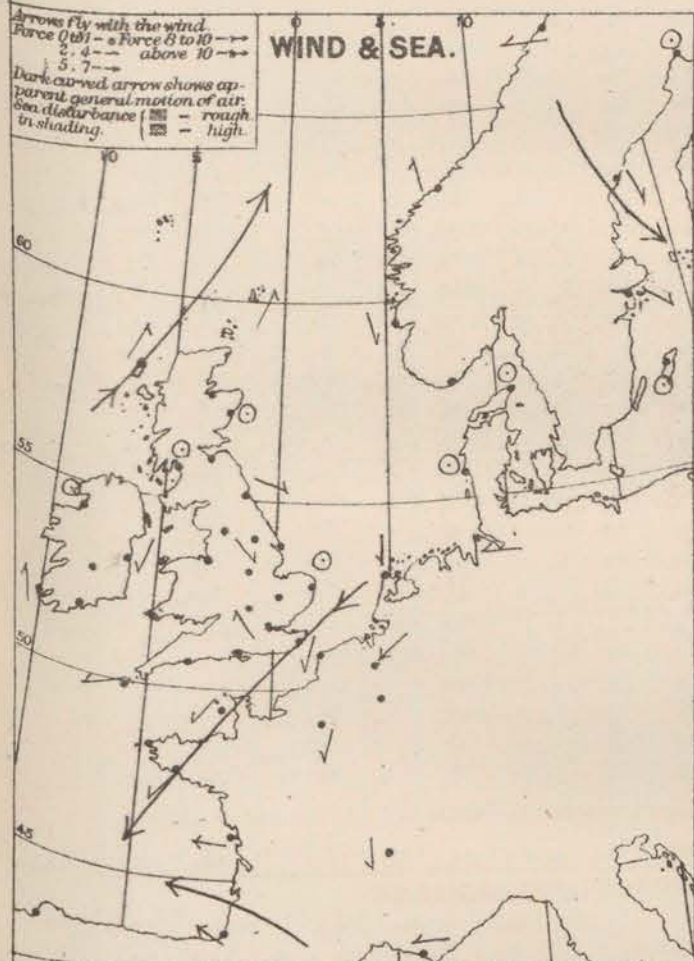
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



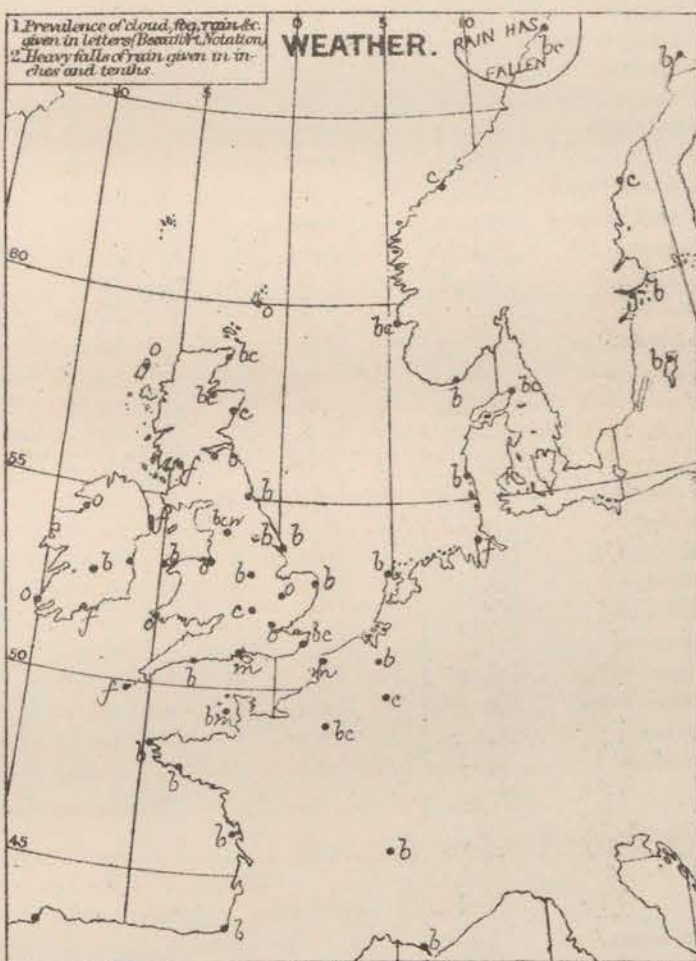
Arrows fly with the wind.  
Force 0 to 10 —  
Force 11 to 20 —  
Force 21 to 30 —  
Force 31 to 40 —  
Force 41 to 50 —  
Force 51 to 60 —  
Force 61 to 70 —  
Force 71 to 80 —  
Force 81 to 90 —  
Force 91 to 100 —  
Force 101 to 110 —  
Force 111 to 120 —  
Force 121 to 130 —  
Force 131 to 140 —  
Force 141 to 150 —  
Force 151 to 160 —  
Force 161 to 170 —  
Force 171 to 180 —  
Force 181 to 190 —  
Force 191 to 200 —  
Force 201 to 210 —  
Force 211 to 220 —  
Force 221 to 230 —  
Force 231 to 240 —  
Force 241 to 250 —  
Force 251 to 260 —  
Force 261 to 270 —  
Force 271 to 280 —  
Force 281 to 290 —  
Force 291 to 300 —  
Force 301 to 310 —  
Force 311 to 320 —  
Force 321 to 330 —  
Force 331 to 340 —  
Force 341 to 350 —  
Force 351 to 360 —  
Force 361 to 370 —  
Force 371 to 380 —  
Force 381 to 390 —  
Force 391 to 400 —  
Force 401 to 410 —  
Force 411 to 420 —  
Force 421 to 430 —  
Force 431 to 440 —  
Force 441 to 450 —  
Force 451 to 460 —  
Force 461 to 470 —  
Force 471 to 480 —  
Force 481 to 490 —  
Force 491 to 500 —  
Force 501 to 510 —  
Force 511 to 520 —  
Force 521 to 530 —  
Force 531 to 540 —  
Force 541 to 550 —  
Force 551 to 560 —  
Force 561 to 570 —  
Force 571 to 580 —  
Force 581 to 590 —  
Force 591 to 600 —  
Force 601 to 610 —  
Force 611 to 620 —  
Force 621 to 630 —  
Force 631 to 640 —  
Force 641 to 650 —  
Force 651 to 660 —  
Force 661 to 670 —  
Force 671 to 680 —  
Force 681 to 690 —  
Force 691 to 700 —  
Force 701 to 710 —  
Force 711 to 720 —  
Force 721 to 730 —  
Force 731 to 740 —  
Force 741 to 750 —  
Force 751 to 760 —  
Force 761 to 770 —  
Force 771 to 780 —  
Force 781 to 790 —  
Force 791 to 800 —  
Force 801 to 810 —  
Force 811 to 820 —  
Force 821 to 830 —  
Force 831 to 840 —  
Force 841 to 850 —  
Force 851 to 860 —  
Force 861 to 870 —  
Force 871 to 880 —  
Force 881 to 890 —  
Force 891 to 900 —  
Force 901 to 910 —  
Force 911 to 920 —  
Force 921 to 930 —  
Force 931 to 940 —  
Force 941 to 950 —  
Force 951 to 960 —  
Force 961 to 970 —  
Force 971 to 980 —  
Force 981 to 990 —  
Force 991 to 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.** A large area of high pressure, the readings at the centre of which exceed 30.3 ins., lies over the north of France, the British Isles, the North Sea and part of Scandinavia, while over the Mediterranean and off our north west coasts, areas of comparatively low pressure are reported. A fall of the barometer has occurred over France and extended in a slight degree to our southern stations, while a separate and still slighter decrease is reported from Valentia and Stornoway. The wind is very light and variable within the area of high pressure noticed above but moderate to fresh E winds are felt over France and light SW winds in the north of Scotland. The weather is cloudy and misty or foggy on our extreme west and north coasts and at some of our southern stations also but the sky generally is clear or nearly so. The only rain which has fallen over Western Europe is 0.07 in at Lillie and 0.08 in at Bodo. Temperature has risen generally. Readings range from 54° at Lillie to 71° at Leith and 68° in London. The maximum readings were 81° at Aberdeen, 80° at Nottingham and 79° in London and at Cambridge. At Haparanda and Helsingfors (Gulf of Bothnia) the thermometer reached 82° and 84° respectively. Sea is nearly calm.

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

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



# DAILY WEATHER REPORT 12<sup>TH</sup> AUGUST 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	30.18	64	N	2	b	30.20	+10	65	61	-8	N	2	b	*	77	57	-		
Hernösand	30.27	66	Z	0	b	30.36	+12	68	65	+4	N	2	b	*	79	57	-		
Stockholm	30.21	67	NE	2	b	30.20	-01	69	62	-2	NNE	2	b	*	81	59	-		
Wisby	30.10	64	NE	2	bc	30.07	-03	66	62	+2	NE	1	o	*	72	55	-		
Bodö	30.20	55	SW	4	o	30.27	+15	54	53	-5	Z	0	o	0	59	52	-		
Christiansund	30.31	61	N	1	b	30.34	+11	60	59	0	Z	0	f	0	64	50	-		
† Skudesnaes	30.25	72	WSW	2	b	30.24	+01	64	62	0	NNW	2	b	2	68	63	-		
Oxö (Xiänsund)	?	72	WSW	2	b	30.22	+02	69	62	+7	NE	4	b	1	72	63	-		
Skagen (The Skaw)	30.20	65	Z	0	b	30.21	+01	68	65	+3	NE	2	b	0	74	61	-		
Fanö	30.19	63	NW	2	b	30.15	-08	70	65	+8	NNW	2	b	*	72	54	-		
Cuxhaven	30.24	66	N	3	c	30.12	-09	66	65	+5	NNE	3	bc	*	66	59	-		
† Sumburgh Head	30.34	62	NNW	3	c	30.37	+11	64	62	+4	S	1	c	0	66	57	-		
† Stornoway	30.28	64	SSW	4	o	30.31	+09	62	60	+2	E	1	bc	0	68	55	-		
Wick	30.34	65	Z	0	o	30.36	+09	64	61	-6	NE	1	o	0	75	57	-		
Nairn	30.31	71	Z	0	b	30.35	+07	62	59	-2	Z	0	c	1	76	58	-		
† Aberdeen	30.33	69	Z	0	b	30.36	+06	64	61	-4	E	1	c	0	76	60	-		
Leith	30.30	70	E	1	b	30.34	+04	67	64	-4	E	1	b	*	80	55	-		
† Shields	30.32	65	NE	2	b	30.33	+01	62	60	-5	NNE	2	b	2	73	55	-		
Spurn Head	30.29	62	NE	3	b	30.29	+02	59	56	-5	NNE	2	ow	2	68	57	-		
York	30.29	73	N	1	b	30.30	00	63	60	-3	NNE	1	b	*	79	54	-		
Nottingham	30.29	70	N	2	bc	30.28	-02	59	58	-11	NNE	4	o	*	80	57	-		
† Ardrossan	30.30	67	Z	0	b	30.32	+01	69	63	+5	ENE	2	cf	1	70	60	-		
† Mullaghmore	30.26	73	NNE	2	bc	30.26	-03	65	63	+2	ENE	3	b	2	75	63	-		
Donaghadee	30.31	61	SSE	2	b	30.34	+01	63	61	-5	N	2	c	0	68	55	-		
Parsonstown	30.26	73	SE	1	c	30.27	-03	59	59	-10	Z	0	o	*	77	54	-		
Barrow-in-Furness	30.27	73	E	1	b	30.29	-01	70	64	+7	NE	4	b	2	74	58	-		
† Holyhead	30.27	63	N	2	b	30.26	-04	63	61	+2	E	4	b	3	67	60	-		
Liverpool (Bidston)	30.25	67	NNW	1	b	30.27	-04	63	58	0	ENE	4	b	1	70	58	-		
† Valentia	30.24	65	SSW	2	o	30.25	-03	61	60	-3	Z	0	cf	1	75	58	-		
Roche's Point	30.25	70	SE	2	b	30.24	-05	61	59	+1	SE	2	ow	3	73	58	-		
Pembroke	30.22	71	NNW	2	b	30.22	-06	63	58	0	NE	3	b	1	74	60	-		
† Scilly	30.22	65	NNE	3	b	30.18	-07	66	64	+7	ENE	3	bc	3	70	57	-		
Prawle Point	30.20	66	Z	0	b	30.19	-06	60	59	-8	NE	3	ow	3	75	58	-		
Hurst Castle	30.19	67	WSW	1	bc	30.20	-06	61	58	-2	ENE	3	c	2	72	50	-		
† Dover	30.19	65	ENE	3	b	30.16	-09	63	61	-4	NE	3	bc	2	70	59	-		
† London	30.21	68	E	2	bc	30.23	-04	62	58	-6	ENE	2	o	*	79	58	-		
Oxford	30.25	65	NNE	1	b	30.25	-04	58	57	-10	NNE	2	o	*	76	57	-		
Cambridge	30.22	66	N	2	o	30.23	-04	61	59	-4	N	1	o	*	77	54	-		
† Yarmouth	30.21	66	NE	2	b	30.22	-04	64	61	-1	N	2	b	2	68	59	-		
The Helder	30.21	63	NE	3	bc	30.16	-07	65	62	+3	NNE	3	b	2	66	61	-		
Cape Gris Nez	30.19	63	NE	4	m	30.15	-11	64	63	+2	ENE	5	c	4	70	52	-		
† Jersey	30.19	68	ENE	3	b	30.18	-08	61	59	-7	NE	3	ow	3	74	57	-		
Brest	30.17	71	NE	4	b	30.17	-05	61	59	+1	ESE	3	b	3	79	61	-		
Lorient	30.08	73	ENE	3	b	30.08	-09	60	58	-2	ENE	5	b	1	81	61	-		
† Rochefort	30.01	77	ENE	5	b	30.03	-11	62	59	-1	ENE	5	b	2	84	57	-		
Biarritz	29.93	75	N	3	b	29.94	-08	61	59	-1	E	1	b	3	64	57	-		
Corunna	*	*	*	*	*	29.91	-06	64	*	-7	NE	1	b	1	*	*	*		
Brussels	*	*	*	*	*	30.12	-11	60	58	+2	NE	1	r	*	70	57	-		
Charleville	30.33	58	E	5	o	29.97	-22	60	56	+1	NNE	1	c	*	73	46	-		
Paris	30.12	72	NNE	1	bc	30.10	-11	63	59	-1	NNE	4	bc	*	*	*	-		
Lyons	29.94	71	NNW	1	b	30.00	-06	58	55	-5	N	1	o	*	75	55	-		
Toulon	29.90	69	SE	5	bc	29.93	+02	66	59	-6	Z	0	b	1	75	63	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.08	70	ENE	3	b	29.08	-02	62	58	+1	ENE	3	b	*	75	54	-		

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

Hawes Junction	29.08	70	ENE	3	b	29.08	-02	62	58	+1	ENE	3	b	*	75	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 ...	30.25	68	61	NNW	1	b	3	Valentia ...	30.15	73	66	SE	2	bc	3
Sumburgh Head	30.31	62	60	SSW	3	o	3	Scilly ...	30.25	69	63	E	2	bc	2
Stornoway ...	30.25	67	63	SSW	4	bc	4	Dover ...	30.17	68	62	NE	3	b	1
Aberdeen ...	30.33	71	65	S	1	c	0	London ...	30.24	74	67	NE	3	c	*
Shields ...	30.33	68	64	ENE	3	b	2	Yarmouth ...	30.22	66	62	NNE	2	b	1
Ardrossan ...	30.32	67	65	W	1	ow	0	Jersey ...	30.23	73	63	ENE	3	ow	3
Mullaghmore ...	30.29	71	68	N	1	cv	1	Rochefort ...	30.06	83	72	E	5	b	2
Holyhead ...	30.39	66	64	NNE	3	b	2								

*Pressure is decreasing a little in the SE. and SW, but still increases elsewhere. The wind is generally NE. in the E. and S. in the W. and N. The weather is fine at bright at most stations.*

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (last 11 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.

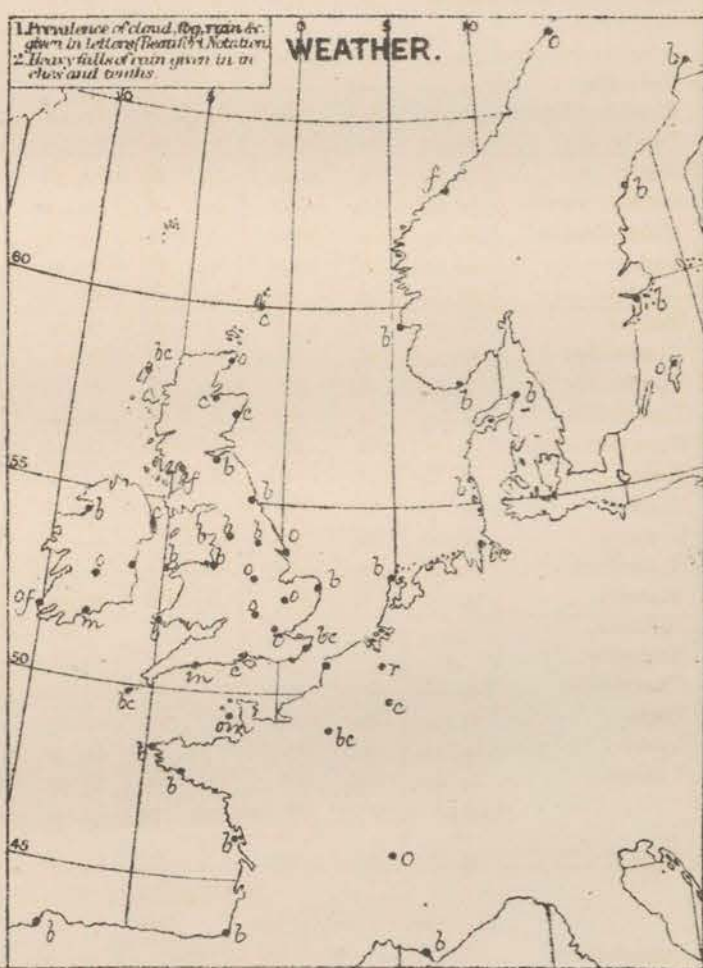
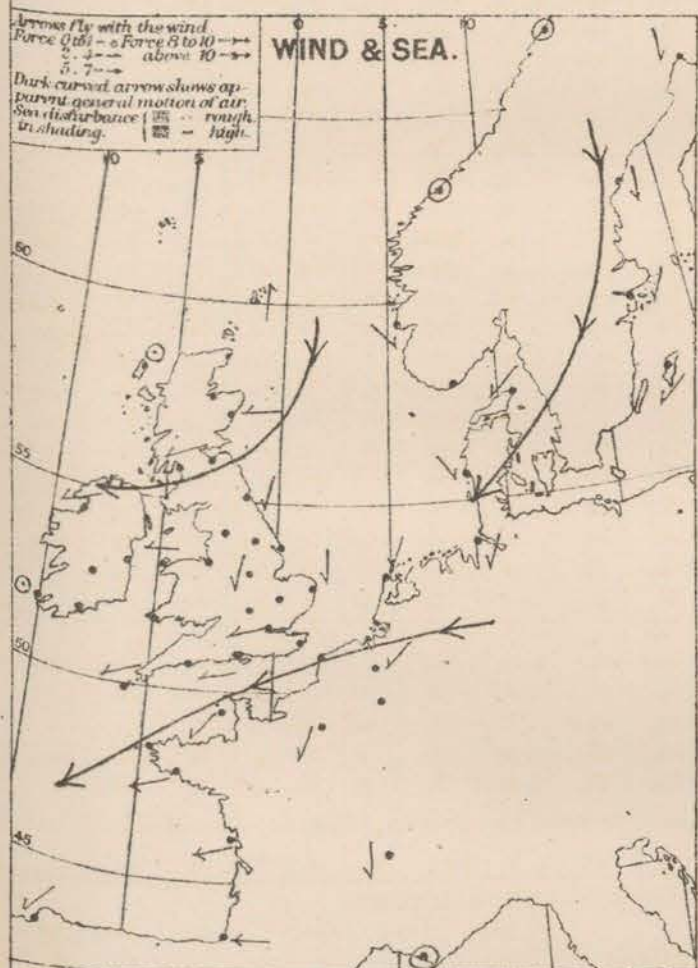
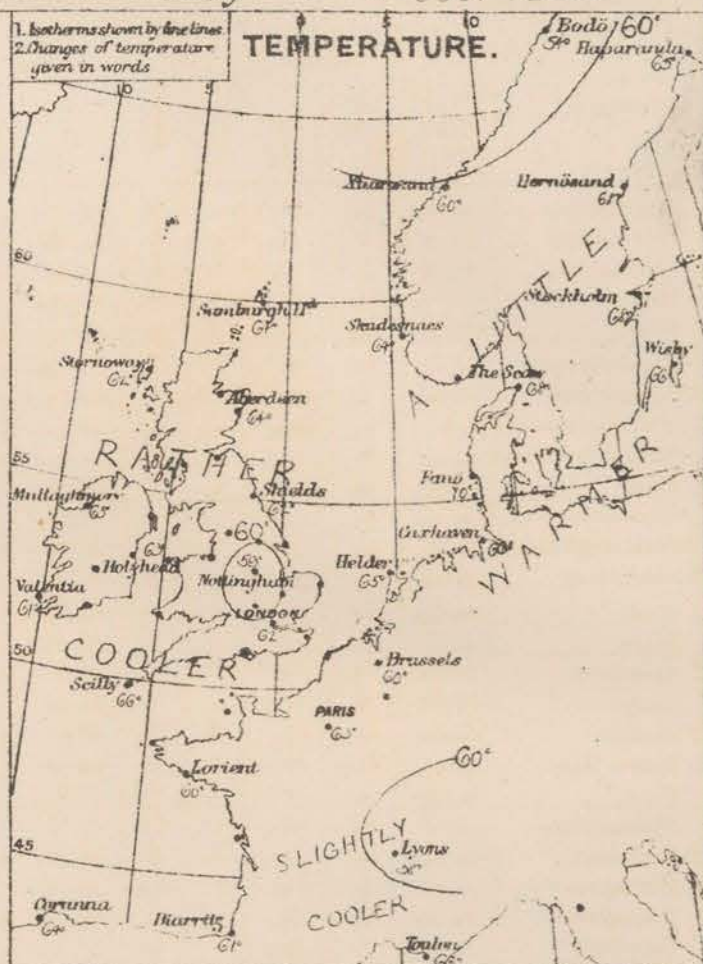
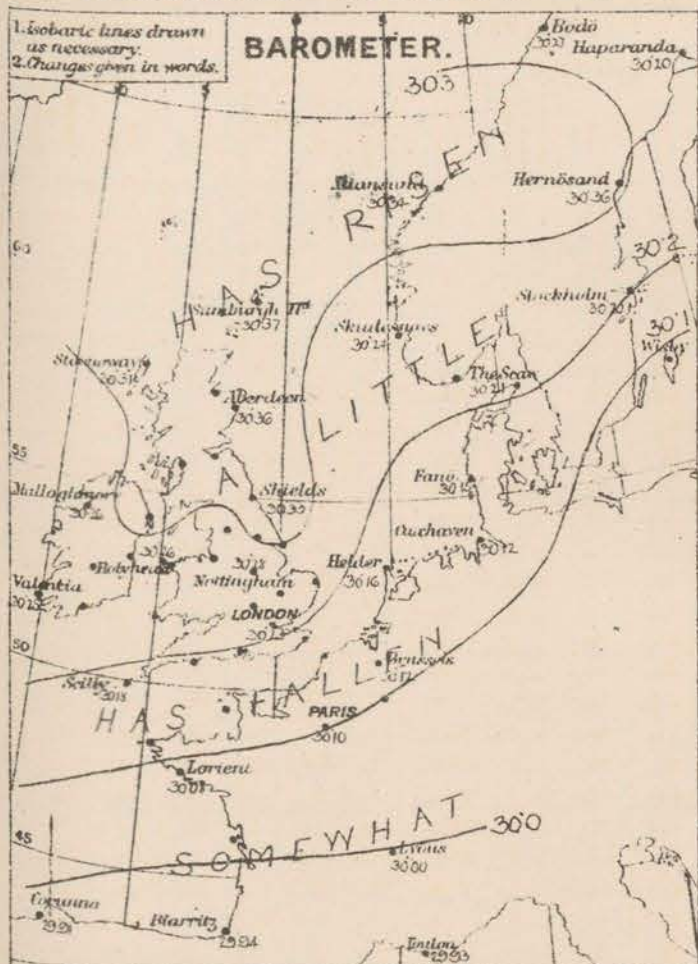
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ 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 12<sup>TH</sup> AUGUST 1880.



**REMARKS.** Pressure is increasing a little over Ireland, Scotland and the north of Scandinavia but over the greater part of England and France the mercury still falls. The anticyclone is now shown over Scotland and Norway, while pressure is lowest over the south east of France. The wind is very light in the west of Norway and over Scotland but elsewhere moderate to fresh E<sup>ly</sup> and NE<sup>ly</sup> breezes prevail. The weather has become much more cloudy than of late over the southern part of these Islands but in our other districts, to the eastward of the North Sea and over France the sky is clear or nearly so. Some mist or fog is reported but no rain has fallen within our area. Temperature shows a decrease in nearly all places the change over Central England amounting to about 10°. Readings at present range from 58° at Oxford to 69° at Adrossan, while during yesterday the thermometer rose to 60° at Leeds and Nottingham and to 79° at York and in London. Sea is nearly calm. Aurora was seen at Wick last night.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 13<sup>TH</sup> AUGUST 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.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.25	59	N	2	b	30.27	+07	60	55	-5	NE	2	b	*	73	50	-		
Hernösand	30.24	66	Z	0	c	30.25	-11	67	64	-1	NNE	2	bc	*	86	55	-		
Stockholm	30.19	65	N	6	b	30.13	-07	68	62	-1	NNE	6	b	*	77	61	-		
Wisby	29.97	64	NNE	2	b	29.95	-12	67	64	+1	NE	2	b	*	77	55	-		
Bodö	30.32	55	NE	2	b	30.23	-04	55	52	+1	?	?	0	0	59	48	-		
Christiansund	30.30	59	NNW	1	f	30.28	-04	56	49	-4	NNW	1	f	1	70	45	-		
† Skudesnaes	30.21	64	NNW	2	b	30.20	-04	62	60	-2	NNW	2	bc	2	72	64	-		
Oxö (Klansö)	30.19	72	NW	1	b	30.19	-03	67	63	-2	NNW	2	b	1	72	64	-		
Skagen (The Skaw)	30.14	69	NNE	2	b	30.15	-06	69	64	+1	NE	3	b	0	79	63	-		
Fanö	30.09	65	NE	2	b	30.06	-09	73	68	+3	NNE	2	b	*	81	61	-		
Cuxhaven	30.13	72	ENE	2	b	30.03	-09	69	67	+3	NE	3	b	*	73	63	-		
† Sumburgh Head																			
† Stornoway	30.27	67	SSE	1	b	30.26	-05	63	61	+1	SSE	1	0	1	73	60	-		
Wick	30.34	65	ESE	1	b	30.34	-02	60	60	-4	S	1	m	0	69	56	-		
Nairn	30.19	64	E	1	bc	30.31	-04	57	57	-4	Z	0	f	?	70	53	-		
† Aberdeen	30.33	66	E	1	b	30.33	-03	65	62	+1	E	1	bc	0	73	51	-		
Leith	30.31	64	NNW	1	b	30.30	-04	66	62	-1	SE	1	b	*	72	52	-		
† Shields	30.30	64	N	2	b	30.26	-07	60	59	-2	NNE	2	0	3	67	58	-		
Spurn Head	30.22	64	NNE	4	b	30.18	-11	60	60	+1	NNE	5	op	3	68	58	-		
York	30.26	70	NE	2	b	30.22	-08	62	59	-1	NNE	3	0	*	77	57	-		
Nottingham	30.13	70	NNE	2	b	30.21	-07	62	59	+3	N	3	0	*	76	59	-		
† Ardrossan	30.27	75	ENE	1	b	30.29	-03	65	61	-4	ENE	1	bc	1	78	56	-		
† Mullaghmore	30.25	73	NNW	1	c	30.26	00	63	60	-2	E	1	com	1	70	61	-		
Donaghadee	30.29	65	N	1	b	30.29	-05	61	59	-2	N	4	b	2	72	57	-		
Parsonstown	30.23	74	SE	1	b	30.26	-01	61	59	+2	Z	0	bc	*	77	52	-		
Barrow-in-Furness	30.25	73	NE	2	bc	30.20	-09	65	61	-5	NE	2	b	2	77	58	-		
† Holyhead	30.23	65	ENE	3	b	30.21	-05	61	60	-2	NNE	2	b	2	67	59	-		
Liverpool (Bldston)	30.22	71	ENE	2	c	30.21	-06	62	59	-1	Z	0	0	1	75	58	-		
† Valentia	30.22	69	NNW	2	c	30.24	-01	61	61	0	Z	0	f	2	74	55	0.41		
Roche's Point	30.24	69	SE	1	b	30.23	-01	61	58	0	N	2	bc	2	77	56	-		
Pembroke	30.21	65	Z	0	m	30.18	-04	65	62	+2	E	1	b	0	66	58	-		
† Scilly	30.18	63	ENE	2	bc	30.16	-02	62	61	-4	NNE	4	0	3	67	58	-		
Prawle Point	30.18	66	NNE	2	b	30.22	-04	66	61	+6	NNE	3	b	2	69	59	-		
Harst Castle	30.15	69	ENE	3	bc	30.12	-08	63	61	+2	ENE	3	bc	1	71	60	-		
† Dover	30.10	66	NE	4	b	30.05	-11	62	60	-1	NNE	5	c	3	70	60	-		
† London	30.15	72	N	1	bc	30.14	-09	62	60	0	N	2	0	*	79	58	-		
Oxford	30.20	66	ENE	1	b	30.16	-09	60	58	+2	NE	1	0	*	71	58	-		
Cambridge	30.21	69	N	1	b	30.14	-09	61	59	0	N	1	0	*	74	58	-		
† Yarmouth	30.18	63	N	3	c	30.11	-11	63	62	-1	NNW	3	c	3	68	58	-		
The Helder	30.08	64	N	2	b	30.04	-12	66	64	+1	N	1	b	1	68	64	-		
Cape Gris Nez	30.10	63	ENE	3	bc	30.07	-08	61	61	-3	NE	5	m	4	68	59	-		
† Jersey	30.13	67	NE	4	b	30.12	-06	63	60	+2	NE	4	c	3	68	66	-		
Brest	30.11	68	E	4	b	30.09	-08	63	?	+2	E	5	0	2	79	59	-		
Lorient	30.03	69	NE	5	c	30.04	-04	63	59	+3	NE	4	c	1	?	59	-		
† Rochefort	29.96	77	ENE	5	b	29.99	-04	65	63	+3	ENE	5	b	2	88	59	-		
Biarritz	29.92	72	NNW	3	b	29.93	-01	67	63	+6	N	5	0	2	75	57	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	29.99	-13	66	64	+6	N	2	c	*	75	62	-		
Charleville	30.00	65	NNW	1	0	29.95	-02	65	61	+5	N	4	0	*	72	50	-		
Paris	30.04	68	NNE	5	0	30.02	-08	64	?	+1	NNE	3	0	*	*	*	-		
Lyons	29.92	70	N	1	b	29.95	-05	63	60	+5	NNE	1	p	*	75	59	-		
Toulon	29.90	68	N	3	b	29.90	-03	69	59	+3	SW	4	b	2	?	61	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.95	66	NNW	1	bc	29.91	-07	59	57	-3	ENE	4	bc	*	70	54	-		

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

Hawes Junction	29.95	66	NNW	1	bc	29.91	-07	59	57	-3	ENE	4	bc	*	70	54	-	-
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sec.		Bar.	Dry.	Wet.	Wind.	Wet.	Sec.		
Skudesnaes ...	30.23	71	66	NNW	6	b	2	Valentia ...	30.24	69	55	NW	1	bc	1
Sumburgh Head								Scilly ...	30.20	66	63	E	4	bc	4
Stornoway ...	30.30	67	65	SSE	1	bc	0	Dover ...	30.15	69	61	NE	4	b	2
Aberdeen ...	30.27	68	61	E	1	b	0	London ...	30.20	70	65	NNE	2	0	*
Shields ...	30.31	65	60	N	2	0	2	Yarmouth ...	30.22	68	62	N	3	b	2
Ardrossan ...	30.31	71	66	Z	0	cf	0	Jersey ...	30.17	67	63	NE	4	bc	3
Mullaghmore ...	30.27	69	66	E	2	bc	0	Rochefort ...	29.99	85	70	ENE	8	b	2
Holyhead ...	30.27	67	63	ENE	4	b	3								

*No important change in pressure or wind has occurred since the morning.*

## EXPLANATION OF COLUMNS.

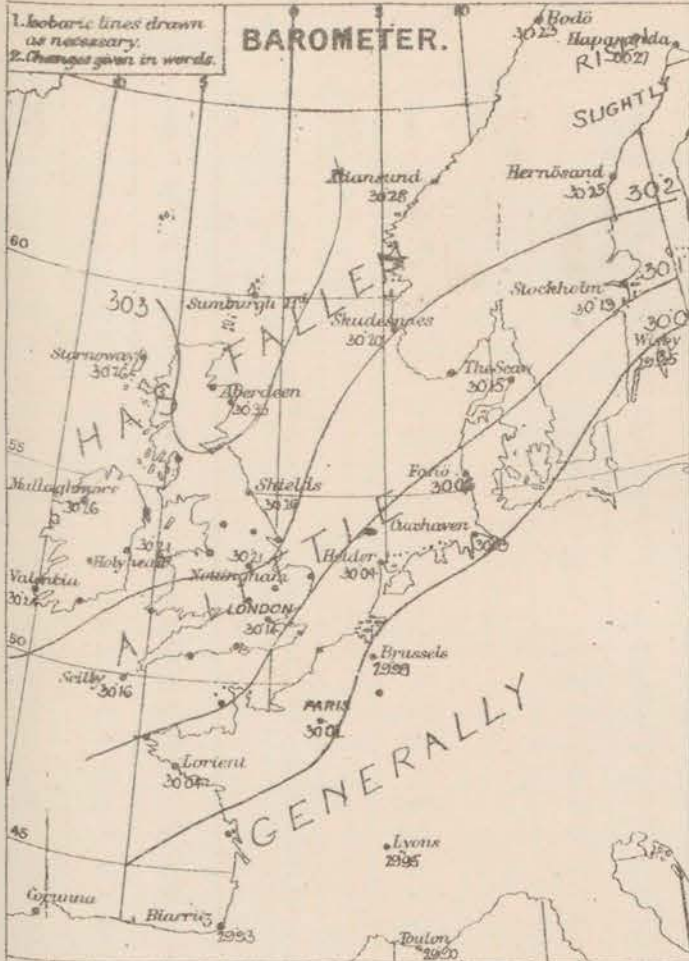
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (dark); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK 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 13<sup>th</sup> AUG<sup>r</sup> 1880.

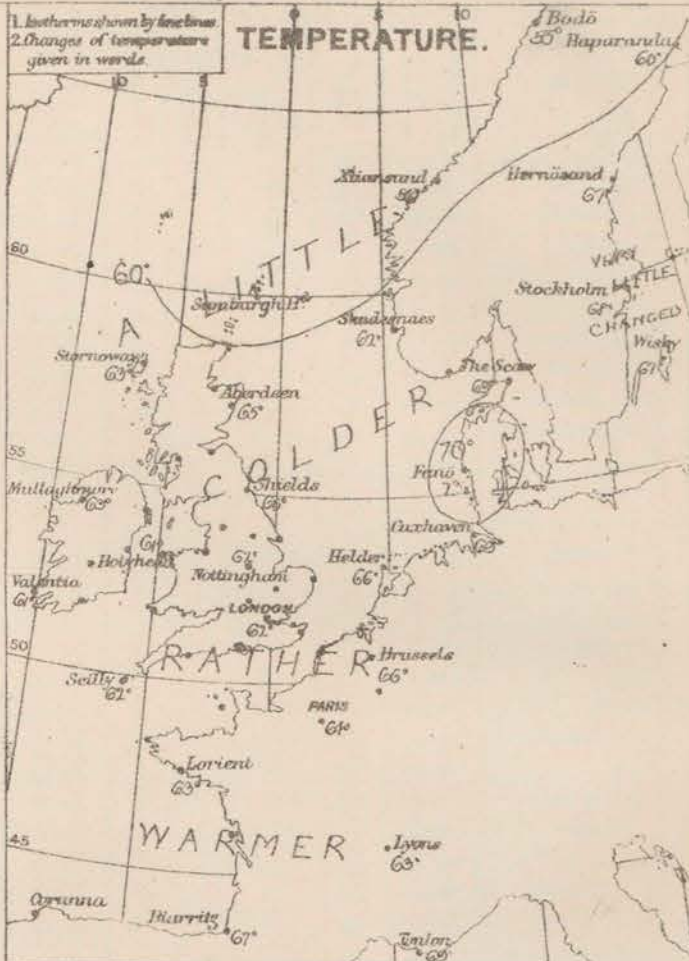
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



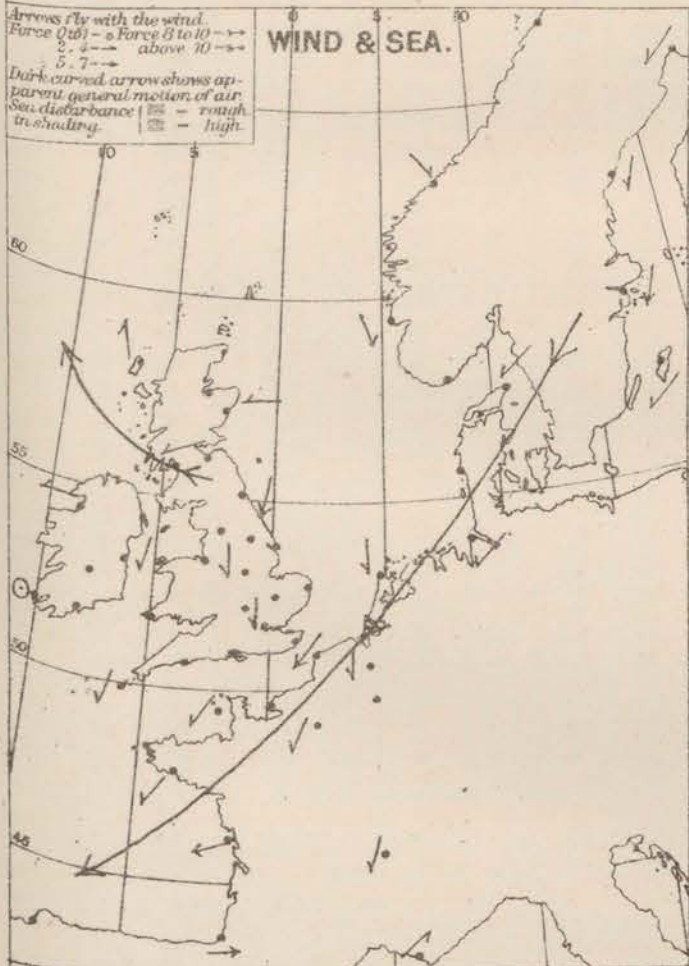
1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



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

## WIND & SEA.



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

## WEATHER.



**REMARKS.** The general distribution of pressure is very similar to that of yesterday though the anticyclone over Scotland and the west of Scandinavia is smaller. The lowest pressures are still found over the south east of France. The barometer is rising on our own and the French western coasts but is falling in the east and over the North Sea. The wind is very light over Scotland and Ireland, but moderate or light NE breezes prevail over England, and moderate to fresh NE to E winds over France. The sky is very cloudy or overcast over the east of England and north of France, but is clear or nearly so elsewhere. Slight rain is falling over the north east of England, and some fog or mist is reported from several stations. A sharp thunderstorm occurred at Valentia last evening, but no rain has fallen in any other part of the Kingdom. A brilliant display of aurora was seen at our northern and western stations last night. Temperature has fallen in the north, risen a little in the south; readings range from 50° at hour to 66° at Prague P. and the maxima yesterday were 79° in London and 70° at Aberdeen. Sea is light.



# DAILY WEATHER REPORT 14<sup>TH</sup> AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.12	61	SW	2	0	30.16	-.11	62	56	+2	N	2	6	*	70	54	-		
Hernösand	30.22	61	Z	0	6	30.28	+03	66	62	-1	N	2	6	*	82	54	-		
Stockholm	30.11	65	NNE	4	6	30.05	-.08	57	?	-17	NNE	4	6	*	77	59	-		
Wishby	29.92	62	NE	4	6	29.97	+02	62	61	-5	NE	4	6	*	70	55	-		
Bodö	30.22	52	W	2	0	30.21	-.02	53	57	-2	Z	0	c	0	55	46	0.04		
Christiansund	30.27	59	NNE	2	f	30.14	-.14	60	57	+4	ENE	3	6	0	?	?	-		
† Skudesnaes	30.13	60	W	2	bc	30.13	-.07	62	60	0	Z	0	c	2	68	61	-		
Oxö (Xiansund)	30.14	71	NNE	2	6	30.12	-.07	69	64	+2	N	2	6	1	73	64	-		
Skagen (The Skaw)	30.09	69	ENE	2	6	30.12	-.03	68	63	-1	ENE	3	c	0	77	59	-		
Fanö	30.02	69	NE	2	6	30.06	00	71	67	-2	NNE	2	6	*	81	66	-		
Cuxhaven	30.01	71	NE	2	6	29.98	-.05	71	70	+2	NE	2	6	*	72	66	-		
† Sumburgh Head																			
† Stornoway	30.24	67	W	2	6	30.21	-.05	60	59	-3	Z	0	c	0	73	55	-		
Wick	30.30	62	S	2	6	30.26	-.08	60	58	0	S	1	6	0	69	52	-		
Nairn	30.25	70	S	1	6	30.24	-.07	58	57	0	Z	0	f	0	70	56	-		
† Aberdeen	30.30	62	E	1	6	30.25	-.08	57	56	-8	Z	0	0	1	70	53	-		
Leith	30.29	62	E	1	6	30.25	-.05	59	58	-7	E	1	0	*	68	57	-		
† Shields	30.26	61	NNE	3	0	30.24	-.02	57	57	-3	NNE	3	bc	3	65	54	-		
Spurn Head	30.17	60	NNE	5	w	30.17	-.01	60	59	0	NNE	6	0	5	66	57	-		
York	30.21	67	N	2	6	30.20	-.02	62	59	0	N	2	6	*	76	55	-		
Nottingham	30.17	70	NNE	3	6	30.19	-.02	61	59	-1	NNE	4	bc	*	77	58	-		
† Ardrossan	30.23	72	ENE	3	6	30.23	-.06	59	58	-6	NE	3	bc	2	76	54	-		
† Mullaghmore	30.23	72	WNW	2	6	30.28	+02	64	62	+1	E	3	6	2	76	62	-		
Donaghadee	30.25	66	N	3	6	30.25	-.04	61	59	0	N	2	6	0	68	57	-		
Parsonstown	30.21	73	N	1	c	30.22	-.04	59	58	-2	Z	0	0	*	76	53	-		
Barrow-in-Furness	30.18	73	NE	2	c	30.20	00	63	62	-2	NW	2	6	2	77	58	-		
† Holyhead	30.19	64	NNE	2	bc	30.18	-.03	63	61	+2	NNE	2	6	1	65	59	-		
Liverpool (Biston)	30.15	73	NE	3	bc	30.19	-.02	66	60	+4	Z	0	6	1	74	57	-		
† Valentia	30.23	70	WNW	2	bc	30.20	-.04	65	63	+4	SSW	1	bc	1	73	56	-		
Roche's Point	30.22	68	E	1	6	30.19	-.04	63	60	+2	N	1	6	2	78	59	-		
Pembroke	30.15	67	N	2	w	30.15	-.03	64	62	-1	NNE	1	6	1	70	61	-		
† Scilly	30.15	64	NNE	2	6	30.13	-.03	67	64	+5	ENE	2	6	2	68	59	-		
Prawle Point	30.13	70	WNW	2	6	30.10	-.02	68	64	+2	NNE	3	bc	2	74	61	-		
Hurst Castle	30.11	72	ENE	3	bc	30.10	-.02	62	60	-1	NE	4	c	2	74	61	-		
† Dover	30.05	64	NE	4	6	30.04	-.01	62	60	0	N	4	cg	2	72	61	-		
† London	30.08	74	NNE	3	bc	30.12	-.02	61	59	-1	N	1	0	*	77	59	-		
Oxford	30.13	67	NE	1	6	30.14	-.02	60	58	0	N	3	0	*	74	56	-		
Cambridge	30.11	67	N	1	6	30.12	-.02	61	59	0	N	2	0	*	75	59	-		
† Yarmouth	30.11	65	N	3	bc	30.10	-.01	62	61	-1	N	4	bc	3	69	59	-		
† The Helder	30.02	65	NNE	1	6	30.00	-.04	67	66	+1	NNE	3	0	1	72	64	-		
Cape Gris Nez	30.05	64	NE	3	6	30.04	-.03	63	62	+2	NE	3	w	3	70	61	-		
† Jersey	30.11	66	NNE	2	c	30.10	-.02	63	62	0	NE	2	bc	2	72	61	-		
Brest	30.11	75	NE	5	6	30.12	+03	65	63	+2	ENE	4	0	2	75	64	-		
Lorient.	30.01	71	NE	3	6	30.04	00	63	?	0	NE	4	w	1	79	59	-		
† Rochefort	29.96	77	NE	4	c	30.01	+02	67	66	+2	ENE	4	w	2	86	61	-		
Biarritz	29.96	70	W	2	bc	29.99	+06	65	63	-2	SW	4	c	2	73	63	-		
† Corunna	*	*	*	*	*	30.00		67	*		NW	?	6	1	*	*	*		
Brussels	*	*	*	*	*	29.97	-.02	63	62	-3	N	1	f	*	78	61	-		
Charleville	30.08	72	E	3	c	29.98	+03	63	61	-2	E	1	0	*	77	52	-		
Paris	29.99	67	Z	0	r	30.02	00	62	59	-2	NE	4	0	*	*	*	-		
Lyons	29.89	74	NNE	1	bc	29.89	-.06	69	64	+6	N	2	bc	*	79	59	-		
Toulon	29.88	67	W	4	0	29.84	-.06	67	61	-2	W	4	6	2	79	64	-		

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

Hawes Junction	29.01	65	ENE	4	c	28.99	-.02	58	56	-1	ENE	1	bc	*	70	57	-
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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 ...	30.16	67	64	NW	4	6	2	Valentia ...	30.23	71	67	WSW	2	bcw	3
Sumburgh Head								Scilly ...	30.17	66	64	NNE	3	bcw	3
Stornoway ...	30.25	69	64	SE	1	6	1	Dover ...	30.06	71	66	NNE	4	6	3
Aberdeen ...	30.32	66	61	ENE	1	6	0	London ...	30.11	70	66	NNE	2	bcw	*
Shields ...	30.25	63	60	NNE	3	c	3	Yarmouth ...	30.11	68	64	N	3	6	3
Ardrossan ...	30.26	73	69	ENE	2	bcw	1	Jersey ...	30.12	69	64	NNE	2	bcw	2
Mullaghmore ...	30.26	71	67	N	1	6	1	Rochefort ...	29.97	82	74	NE	5	bc	24
Holyhead ...	30.20	66	62	NNE	4	6	3								

The changes in pressure are very slight, but generally downwards. Light or moderate N<sup>W</sup> or NNE<sup>W</sup> breeze from SW with fine warm weather, except at Shields, where the sky is cloudy.

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale, 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. 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).

† REC'D TOO LATE FOR INSERTION IN CHARTS.

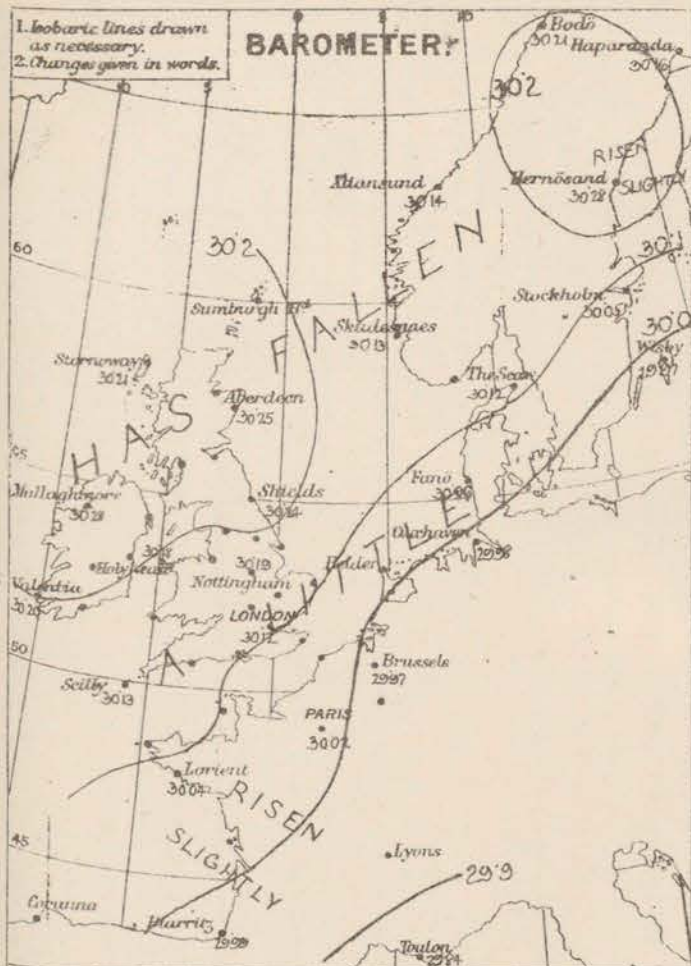
N.E.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Saturday 14<sup>th</sup> AUG<sup>st</sup> 1880.

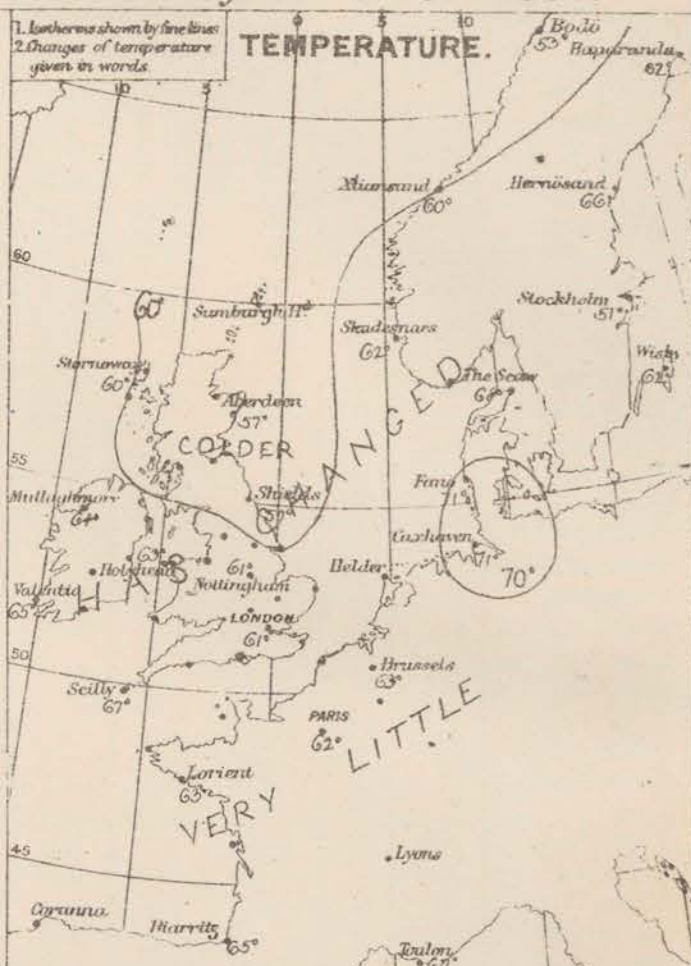
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



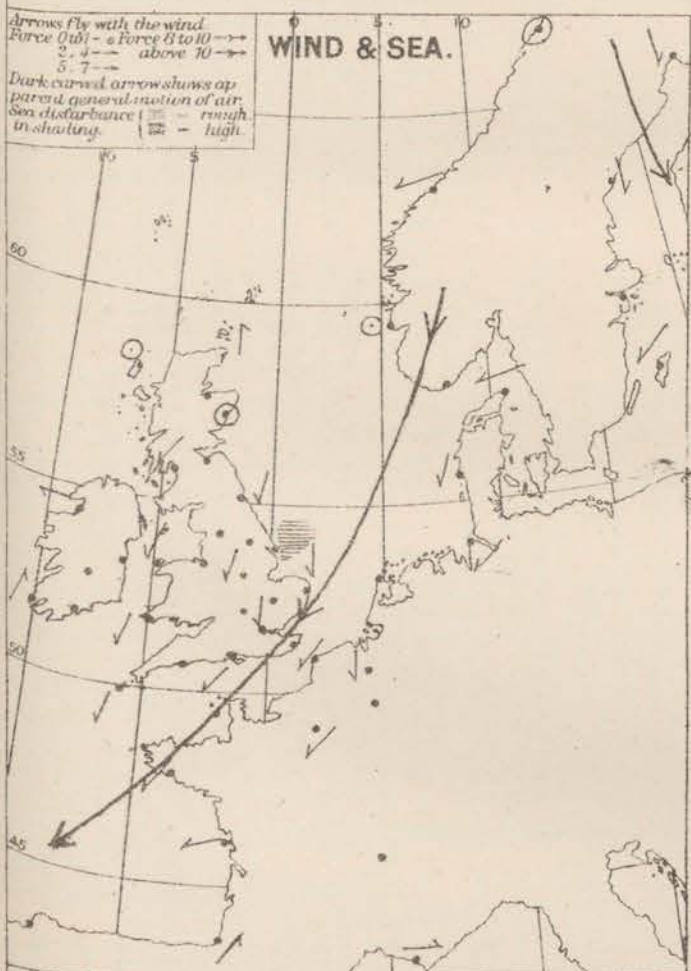
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



Arrows fly with the wind.  
Force 0-10 - a Force 6 to 10 -  
2 - 4 - above 10 -  
5 - 7 -  
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 (see notation).  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



**REMARKS.** Pressure is decreasing slowly in nearly all parts of Western Europe, though in the west of France and at a few of our inland stations a very slight rise is now in progress. Pressure is comparatively high and very uniform over Scandinavia and the north and west of these Islands, while the lowest readings are still shown over the south-east of France. In consequence very light and variable breezes prevail on our western and northern coasts and moderate to light N and NE winds over the North Sea, England and France. The weather is very fine over Ireland, the western and central parts of England and in the countries to the E<sup>th</sup> of the North Sea but at our eastern and south-eastern stations and over France the sky is overcast with a good deal of mist. There has been no rain in any part of Western Europe during the past 24 hours. Temperature has risen slightly in the south-west, fallen elsewhere, and readings now range from 57° on the north-east coast of England to 68° at Pough Point and 65° at Valentia. The maxima yesterday were 71° at Rye, 70° at Nottingham and in London. The sea is smooth or slight. Another brilliant display of aurora was seen in the north last evening.

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

15<sup>th</sup> AUGUST

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 3).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.11	57	SW	2	b	30.09	-0.07	64	57	+2	S	2	b	*	70	52	-		
Hernösand	30.19	59	Z	0	b	30.12	-0.16	64	62	-2	Z	0	b	*	79	48	-		
Stockholm	30.08	65	NE	4	b	30.08	+0.03	66	62	+4	NE	2	b	*	77	61	-		
Wisby	29.94	62	NE	4	b	29.95	-0.02	68	61	+6	E	6	b	*	75	54	-		
Bodö	30.04	56	SE	2	c	30.07	-0.14	58	51	0	SEW	4	c	3	59	50	0.04		
Christiansund	30.13	59	NNW	1	f	30.17	+0.03	58	53	-5	N	1	f	1	66	46	-		
† Skudesnaes	30.12	58	NW	2	q	30.10	-0.03	59	57	-2	NNW	4	q	2	66	57	-		
Öxö (Xüsöund)	30.07	72	SW	1	b	30.09	-0.03	64	63	-1	N	2	b	0	75	63	-		
Skagen (The Skaw)	30.06	67	Z	0	b	30.07	-0.05	68	65	0	Z	0	b	0	75	63	-		
Fanö	30.03	64	NNE	2	b	30.02	-0.04	74	67	+3	Z	0	b	*	81	59	-		
Cuxhaven	30.06	72	NNE	1	b	30.04	+0.03	71	70	0	NE	1	b	*	73	64	-		
† Sumburgh Head																			
† Stornoway	30.17	63	Z	0	b	30.16	-0.05	58	58	-2	Z	0	f	0	68	53	-		
Wick	30.24	60	Z	0	b	30.23	-0.03	56	54	+4	S	2	0	0	67	53	-		
Nairn	30.18	63	E	2	b	30.19	-0.05	57	55	-1	Z	0	m	1	70	55	-		
† Aberdeen	30.24	64	SSE	1	b	30.21	-0.04	58	56	+1	NNE	1	0	1	68	55	-		
Leith	30.19	60	ENE	2	b	30.20	-0.05	57	56	-1	E	2	0	*	69	50	-		
† Shields	30.21	59	ENE	2	0	30.19	-0.05	58	56	+1	Z	0	0	2	62	52	-		
Spurn Head	30.15	59	NNE	5	m	30.15	-0.02	59	57	-1	NE	3	0	3	68	57	-		
York	30.17	58	NE	3	b	30.19	-0.01	59	57	-3	N	2	0	*	75	56	-		
Nottingham	30.14	68	NNE	3	b	30.18	-0.01	58	57	-3	NNE	2	0	e	76	57	-		
† Ardrossan	30.14	69	NW	1	b	30.16	-0.07	60	58	+2	NE	1	b	1	71	55	-		
† Mullaghmore	30.17	73	NW	1	b	30.15	-0.13	66	63	+2	E	2	b	2	73	63	-		
Donaghadee	30.18	67	N	2	b	30.18	-0.07	62	61	+1	N	1	b	0	70	55	-		
Parsonstown	30.15	75	Z	0	b	30.15	-0.07	62	60	+3	Z	0	b	*	78	64	-		
Barrow-in-Furness	30.14	73	NE	2	b	30.18	-0.02	64	60	+1	ENE	2	b	2	77	57	-		
† Holyhead	30.14	65	NNE	3	b	30.13	-0.05	64	62	+1	E	3	b	2	67	55	-		
Liverpool (Bliston)	30.14	68	NNW	1	b	30.15	-0.04	63	59	-3	E	2	b	1	71	57	-		
† Valentia	30.14	73	Z	0	c	30.12	-0.08	62	62	-3	Z	0	f	1	76	57	-		
Roche's Point	30.16	71	Z	0	b	30.12	-0.07	62	59	-1	N	1	b	2	80	58	-		
Pembroke	30.10	71	N	2	m	30.10	-0.05	64	61	0	NNE	2	c	1	72	62	-		
† Scilly	30.10	66	NE	1	b	30.07	-0.06	64	64	-1	E	2	0	1	70	60	-		
Prawle Point	30.09	70	NE	2	b	30.07	-0.03	62	61	-6	NE	2	0	2	72	61	-		
Hurst Castle	30.05	71	NE	3	c	30.07	-0.03	64	62	+2	NE	3	b	1	73	62	-		
† Dover	30.02	64	NE	5	0	30.05	+0.01	63	62	+1	NNE	5	q	2	66	61	0.02		
† London	30.06	65	NNE	3	0	30.10	-0.02	61	59	0	NNE	2	q	*	73	59	-		
Oxford	30.12	65	NE	3	c	30.17	-0.02	59	58	-1	NNE	2	0	e	74	58	-		
Cambridge	30.11	62	N	1	b	30.12	00	59	58	-2	N	1	0	*	68	57	-		
† Yarmouth	30.09	61	N	3	0	30.10	00	60	60	-2	N	3	0	3	63	58	0.01		
The Helder	30.02	60	NNE	2	b	30.04	+0.04	66	64	-1	NNE	1	b	1	72	63	-		
Cape Grijp Nez	?	63	NE	4	f	30.04	00	61	61	-2	NE	3	m	3	64	59	-		
† Jersey	30.09	64	NE	2	0	30.07	-0.03	63	62	0	NE	2	m	2	68	61	-		
Brest	30.06	66	NE	4	b	30.05	-0.07	62	62	-3	E	1	0	2	75	59	-		
Lorient	30.00	71	ENE	4	b	30.01	-0.03	63	62	0	ENE	3	m	1	75	61	-		
† Rochefort	29.97	72	NNW	3	m	29.98	-0.03	66	64	-1	ENE	4	0	2	77	61	-		
Biarritz	?	70	N	3	b	29.98	-0.01	68	63	+3	W	3	c	2	72	63	-		
Corunna	*	*	*	*	*	29.99	-0.01	68	*	+1	N	1	0	1	*	*	*		
Brussels	*	*	*	*	*	30.01	+0.01	68	63	+5	NE	1	b	*	78	57	-		
Charleville	29.94	63	E	1	b	29.93	-0.05	73	67	+10	E	4	0	*	77	53	-		
Paris	29.95	73	NE	2	b	30.01	-0.01	68	64	+6	SE	4	0	*	*	*	-		
Lyons	29.85	75	N	1	b	29.93	+0.04	67	64	-2	N	1	c	*	84	63	-		
Toulon	29.77	71	N	6	b	29.86	+0.02	69	66	+2	Z	0	m	0	77	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.96	67	E	2	b	29.95	-0.04	64	54	-4	E	3	0	*	73	51	-		

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

Hawes Junction	28.96	67	E	2	b	28.95	-0.04	54	54	-4	E	3	0	*	73	51	-
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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 ...	30.12	65	61	NNW	4	c	2	Valentia ...	30.18	75	67	NNW	2	3m	2
Sumburgh Head								Scilly ...	30.13	67	65	N	1	b	1
Stornoway ...	30.20	65	62	E	1	b	0	Dover ...	30.05	64	63	N	4	ods	2
Aberdeen ...	30.23	63	59	ENE	1	b	1	London ...	30.09	69	65	NNE	4	b	*
Shields ...	30.22	62	59	ENE	3	b	3	Yarmouth ...	30.09	62	61	N	4	0	3
Ardrossan ...	30.22	58	52	NW	2	b	1	Jersey ...	30.11	67	63	NE	3	c	3
Mullaghmore ...	30.21	72	67	NW	1	b	1	Roche fort ...	30.00	73	69	NNW	3	m	2
Holyhead ...	30.19	66	63	NNE	3	b	2								

No important change has occurred since the morning, beyond the commencement of slight rain at Dover. The sea is smooth.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



## WEATHER CHARTS

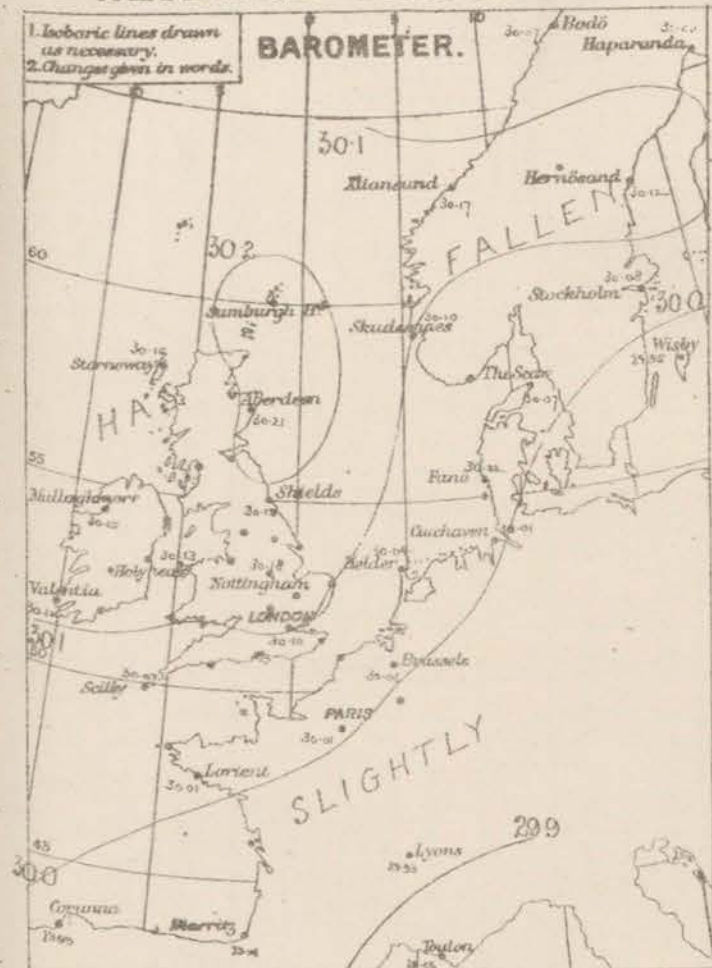
for 8 a.m. on

Sunday 15<sup>th</sup> August 1880.

1880.

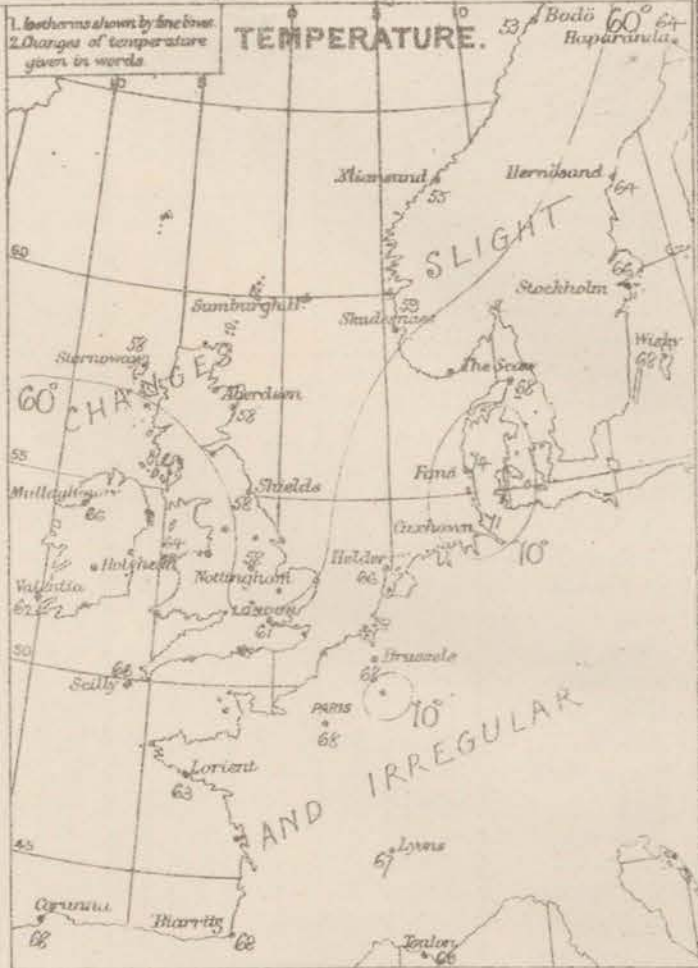
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



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

## TEMPERATURE.



Force 0  $\rightarrow$  - Force 8  $\rightarrow$  10  $\rightarrow$   
2, 4  $\rightarrow$  - above 10  $\rightarrow$   
5, 7  $\rightarrow$

Dark curved arrow shows apparent general motion of air.  
Sea disturbance:  $\square$  - rough  
in shading.  $\square$  - high

## WIND &amp; SEA.



1. Prevalence of cloud, fog, rain &c.  
given in last year's Bulletin.  
2. Heavy falls of rain given in in-  
ches and tenths.

WEATHER.



## REMARKS.

REMARKS. The change in the general condition of the weather over our Islands are very slight indeed. The barometer is still highest over our N<sup>w</sup> stations and lowest in France, but gradients are less steep than they have been of late. The NE<sup>l</sup> wind which prevails over England is consequently falling very light except on our SE coasts. The weather remains dry generally, but over the greater part of England the sky is overcast, and in a few places fog prevails. Summer lightning was seen at several of our N<sup>w</sup> stations last night, and at Valentia thunder was again heard. Temperature shows very little change in most places, it was very high at many of the Irish stations during the day yesterday, but the present readings are almost identical with those reported yesterday morning. The sea is very smooth.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT AUGUST 16<sup>th</sup> 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 3 p.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	30.07	57	Z	0	b	30.07	-0.2	58	54	-6	Z	0	3	*	70	48	-			
Hernösand	30.11	61	Z	0	b	30.10	-0.2	65	62	+1	S	2	3	*	70	42	-			
Stockholm	30.07	64	Z	0	b	30.08	0.0	64	60	-2	NNE	2	3	*	79	55	-			
Wisby	29.97	60	?	4	b	29.97	+0.2	62	60	-6	NE	4	3	*	73	64	-			
Bodö	30.14	53	Z	0	c	30.07	0.0	54	51	+1	SE	2	0	1	55	50	-			
Christiansund	30.09	59	N	2	o	30.15	-0.2	57	?	+2	NNN	2	f	2	61	48	-			
† Skudesnaes	30.10	59	NNN	4	bc	30.08	0.0	58	58	-1	NNN	2	f	2	66	59	-			
Oxö (Christiansund)	30.09	70	SSN	1	b	30.07	-0.2	67	63	+3	N	2	3	1	73	63	-			
Skagen (The Skaw)	30.06	68	Z	0	b	30.04	-0.3	69	65	+1	NNN	2	3	0	81	57	-			
Fanö	30.06	66	NE	2	b	30.06	+0.4	72	66	-2	Z	0	3	*	81	57	-			
Cuxhaven	30.10	74	ENE	2	b	30.05	+0.4	70	68	-1	NE	2	3	*	73	64	-			
† Sumburgh Head																				
† Stornoway	30.13	61	E	2	b	30.17	+0.1	55	56	0	E	1	0	1	68	53	-			
Wick	30.20	58	S	2	o	30.24	+0.1	57	55	+1	SSE	1	0	0	62	55	-			
Nairn	30.16	62	E	2	m	30.21	+0.2	56	54	-1	Z	0	0	0	67	55	-			
† Aberdeen	30.20	58	E	1	r	30.22	+0.1	56	55	-2	ENE	1	om	1	63	55	0.03			
Leith	30.18	60	E	1	c	30.19	-0.1	58	57	+1	E	1	0	*	63	58	-			
† Shields	30.17	59	NNE	2	o	30.18	-0.1	57	57	-1	Z	0	r	2	60	54	-			
Spurn Head	30.15	59	NNE	4	o	30.14	-0.1	57	57	-2	NE	3	m	3	63	56	-			
York	30.16	65	NE	2	o	30.16	-0.3	59	58	0	NE	1	0	*	69	54	-			
Nottingham	30.15	68	N	3	o	30.16	-0.2	58	57	0	N	3	0	*	65	56	-			
† Ardrossan	30.16	63	ENE	2	b	30.18	+0.2	58	56	-3	E	1	0	1	69	55	-			
† Mullaghmore	30.09	75	Z	0	bc	30.13	-0.2	63	61	-3	E	4	3	3	76	61	-			
Donaghadee	30.15	64	Z	0	b	30.17	-0.1	58	57	-4	ENE	2	c	0	67	54	-			
Parsonstown														*						
Barrow-in-Furness	30.12	71	NNN	2	b	30.15	-0.2	59	57	-5	NE	2	bc	3	72	56	-			
† Holyhead	30.11	65	NNE	3	bc	30.11	-0.1	63	62	-1	ENE	3	bc	3	65	61	-			
Liverpool (Bidston)	30.11	71	E	2	b	30.14	-0.1	60	58	-3	E	1	0	1	74	58	-			
† Valentia	30.08	70	H	1	bc	30.08	-0.4	66	64	+4	NH	1	cm	1	76	61	-			
Roche's Point	30.10	71	SE	2	bc	30.09	-0.3	64	62	+2	NNE	1	c	2	79	60	-			
Pembroke	30.09	64	ENE	2	o	30.09	-0.2	62	61	-2	E	1	0	1	69	61	-			
† Scilly	30.07	65	ESE	3	o	30.06	-0.1	63	62	-2	E	4	0	3	68	61	0.02			
Prawle Point	30.05	68	NNE	2	e	30.06	-0.1	59	59	-3	NE	3	0	3	70	58	-			
Hurst Castle	30.06	67	NE	4	c	30.03	-0.4	60	59	-4	ENE	4	0	1	74	60	-			
† Dover	30.04	64	NE	4	bc	30.04	-0.1	61	60	-2	NE	3	0	2	67	61	-			
† London	30.10	64	NNE	2	o	30.10	0.0	59	57	-2	NE	2	0	*	69	57	-			
Oxford	30.12	61	NE	2	o	30.11	-0.1	59	56	-2	NNE	1	0	*	63	56	-			
Cambridge	30.10	60	N	2	o	30.10	-0.2	58	58	-1	N	1	0	*	66	55	-			
† Yarmouth	30.10	61	N	3	e	30.10	0.0	60	59	0	NNE	2	c	3	62	58	-			
The Helder	30.05	64	NNE	2	o	30.03	0.0	66	65	0	NNE	1	c	1	70	63	-			
Cape Gris Nez	30.04	67	NE	5	m	30.05	+0.1	60	60	-1	ENE	5	f	4	66	59	-			
† Jersey	29.96	72	NE	2	o	30.05	-0.2	61	60	-2	NE	3	om	3	64	59	-			
Brest	30.04	68	NE	3	o	30.04	-0.1	62	62	0	SE	2	0	2	72	61	-			
Lorient	29.96	67	NNN	4	m	29.95	-0.3	63	62	0	ENE	3	r	1	73	61	0.01			
† Rochefort	29.96	72	NNN	4	o	29.97	-0.1	67	65	+1	NNE	1	bc	0	71	66	-			
Biarritz	29.95	70	N	3	c	29.95	-0.3	69	66	+1	H	1	0	2	73	64	-			
Corunna	*	*	*	*	*	29.99	0.0	?	*	?	?	?	c	2	*	*	*			
Brussels	*	*	*	*	*	30.01	0.0	62	61	-6	NNE	1	0	*	79	62	0.20			
Charleville	29.94	69	E	1	b	29.98	+0.5	64	61	-9	E	1	3	*	82	58	-			
Paris	29.95	77	NE	4	b	29.98	-0.3	69	65	+1	NNE	4	0	*	*	*	-			
Lyons	29.89	73	N	1	c	29.93	0.0	68	61	-4	NNE	1	m	*	82	58	-			
Toulon	29.89	71	H	7	c	29.89	+0.3	73	67	+4	?	3	3	2	79	63	-			

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

Hawes Junction	29.92	61	ENE	4	b	29.92	-0.2	54	50	0	ENE	3	0	66	51	-
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.10	66	62	NNN	6	b	2	Valentia				
Sumburgh Head								Scilly				
Stornoway								Dover				
Aberdeen								London				
Shields								Yarmouth				
Ardrossan								Jersey				
Mullaghmore								Rochefort	29.97	75	70	NNN 2 0 1
Holyhead												

+ Received too late for insertion in Charts.

### EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands; 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).

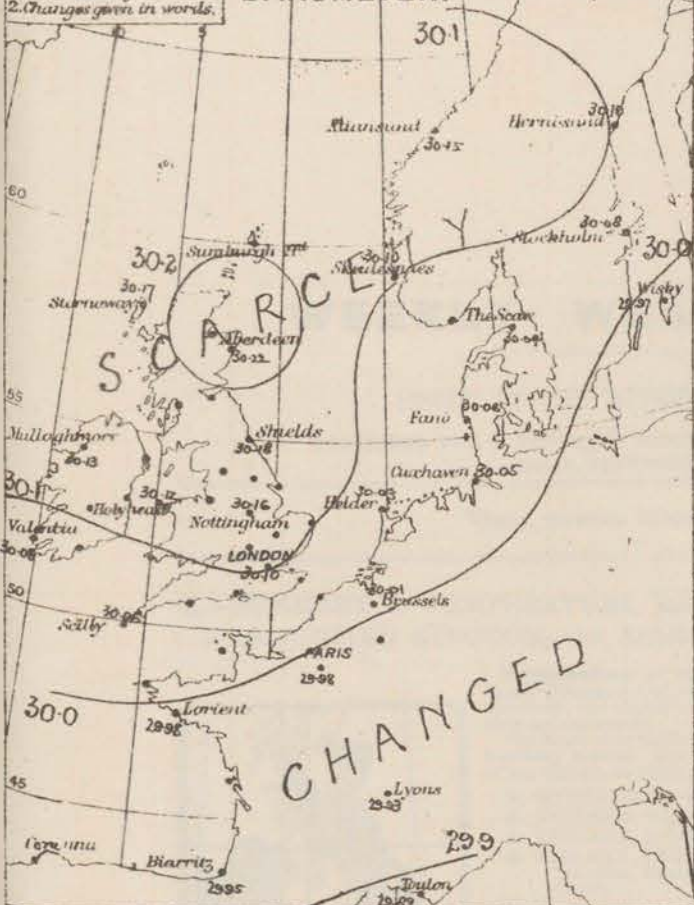
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Monday 16<sup>th</sup> August 1880.

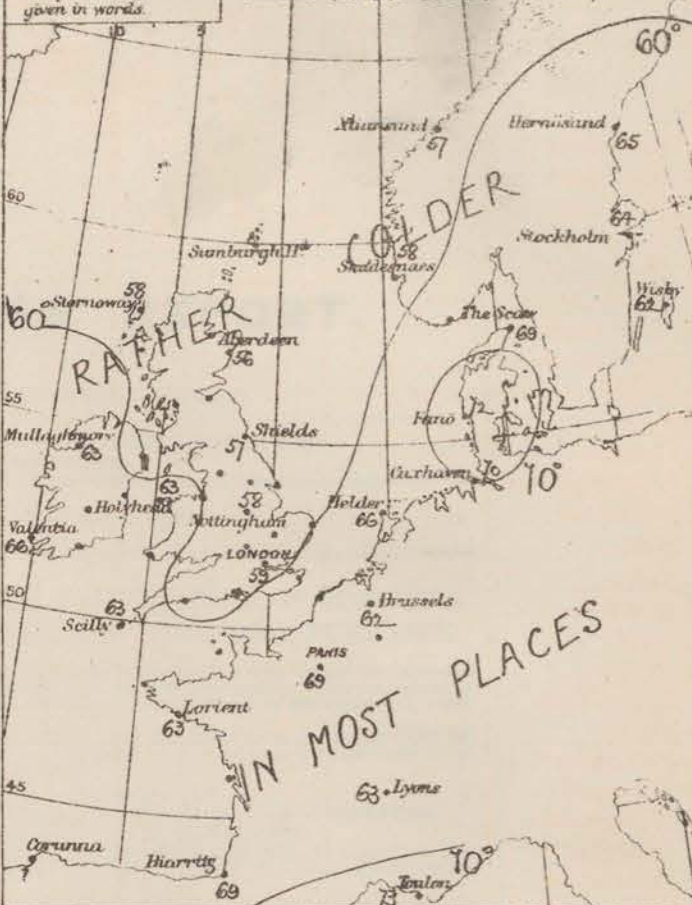
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



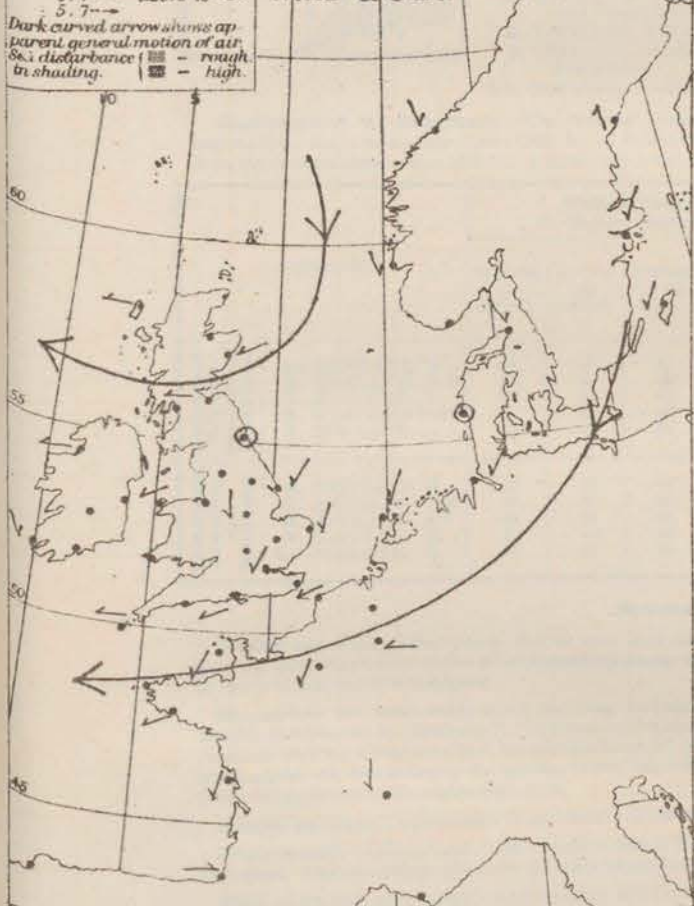
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



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

## WIND & SEA.



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

## WEATHER.



**REMARKS.** Scarcely any change has occurred in the distribution of barometric pressure during the past 24 hours, and consequently now in the winds. Readings still vary from a little above 30.2 ins. over the NE. of Scotland to about 29.9 ins. over the S. part of France. NE. breezes, light to moderate in force prevail over France, England, and the greater part of Ireland, variable E. air in Scotland, and very light W. breezes on the E. shores of the North Sea. Temperature has changed somewhat irregularly, but the tendency has been to decrease on almost all our coasts. The maximum readings yesterday varied from 70° to 76° in the more W. districts, but over England they were all below 70°. Slight drizzling rain fell at one or two stations yesterday, and is now falling at Shields. The sky is becoming more and more generally clouded, except over the N. of Ireland. The sea is smooth or nearly so on all our coasts.

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

R. H. SCOTT,  
Secretary



# DAILY WEATHER REPORT 17<sup>th</sup> AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.90	60	S	2	b	29.90	-17	60	56	+2	NW	4	b	*	68	52	-		
Hernösand	30.06	64	Z	0	c	30.07	-07	63	60	-2	NNW	4	b	*	79	48	0.04		
Stockholm	30.06	68	WSW	2	b	30.07	-06	67	62	+3	NE	2	b	*	77	55	-		
Wisby	29.95	60	NE	4	b	29.97	00	63	62	+1	NE	2	b	*	70	52	-		
Bodö	29.93	55	SSW	6	r	30.05	-02	50	46	-4	W	6	c	4	55	48	0.08		
Christiansund	30.17	58	WSW	2	o	?	?	56	55	-1	N	1	f	1	61	48	0.04		
† Skudesnaes	30.07	60	NNW	6	b	30.08	-02	60	57	+2	NNW	8	b	3	64	?	-		
Oxö (Ålmasund)	30.02	72	WSW	2	b	30.01	-06	?	61	?	?	2	b	1	75	64	-		
Skagen (The Skaw)	30.02	68	Z	0	b	30.02	-02	69	67	0	Z	0	b	0	82	59	-		
Fanö	30.04	68	NNW	2	b	30.05	-01	69	66	-3	NNW	2	b	*	81	55	0.16		
Cuxhaven	30.09	74	NE	1	b	30.07	+02	70	68	0	N	1	b	*	?	63	-		
† Sumburgh Head	30.25	58	WNW	1	o	30.29		55	52		NNE	1	o	1	61	53	-		
† Stornoway	30.21	59	NE	4	o	30.21	+14	57	55	-1	NE	3	o	3	65	55	-		
Wick	30.27	58	S	2	o	30.33	+09	57	55	0	NW	1	o	0	62	54	0.01		
Nairn	30.23	60	E	2	b	30.31	+10	57	55	+1	Z	0	o	0	61	55	-		
† Aberdeen	30.23	60	ENE	1	o	30.31	+09	56	55	0	N	2	dm	1	61	56	-		
Leith	30.21	58	E	1	o	30.28	+09	59	56	+1	E	1	o	*	60	57	-		
† Shields	30.19	60	ENE	1	o	30.25	+07	58	57	+1	NNE	2	o	3	60	56	0.02		
Spurn Head	30.12	59	NE	5	o	30.18	+04	59	59	+2	NE	3	o	3	61	57	-		
York	30.16	61	NNE	2	o	30.22	+06	59	58	0	NNE	1	o	*	66	57	0.01		
Nottingham	30.14	61	NNE	2	o	30.20	+04	61	59	+2	NNE	4	o	*	64	57	0.02		
† Ardrossan	30.17	63	NE	4	b	30.28	+10	58	56	0	ENE	2	om	1	68	56	-		
† Mullaghmore	30.07	70	E	1	c	30.24	+11	61	58	-2	E	4	cm	3	74	59	-		
Donaghadee	30.17	60	NE	2	o	30.27	+10	57	56	-1	ENE	4	o	3	63	56	-		
Parsonstown	30.11	66	N	1	o	30.20		60	59		E	1	o	*	71	55	-		
Barrow-in-Furness	30.13	69	N	1	b	30.21	+06	59	56	0	NNE	2	o	3	72	56	-		
† Holyhead	30.10	62	NNE	3	b	30.19	+08	61	59	-2	ENE	4	o	3	68	58	-		
Liverpool (Biston)	30.10	66	ENE	1	b	30.20	+06	59	57	-1	NE	1	o	1	71	57	-		
† Valentia	30.07	65	N	2	o	30.15	+07	64	63	-2	Z	0	bcm	0	73	58	0.31		
Roche's Point	30.11	68	SE	1	b	30.14	+05	63	61	-1	E	3	cm	3	76	59	-		
Pembroke	30.06	63	SSE	1	m	30.12	+04	60	58	-2	ENE	4	o	1	66	59	-		
† Scilly	30.04	62	E	4	a	30.05	-01	63	60	0	E	5	o	4	65	60	-		
Prawle Point	30.03	61	ENE	4	c	30.04	+02	60	59	+1	NE	4	o	3	66	58	-		
Hurst Castle	30.03	66	ENE	5	o	30.07	+04	64	61	+4	ENE	4	b	3	69	60	-		
† Dover	30.01	63	NNE	5	c	30.05	+01	68	64	+7	NNE	4	b	3	68	61	-		
† London	30.09	65	NNE	2	o	30.10	00	62	60	+3	NE	2	o	*	66	59	-		
Oxford	30.10	60	N	2	o	30.12	+01	60	59	+3	NE	3	o	*	63	56	0.01		
Cambridge	30.07	62	N	1	o	30.13	+03	62	60	+4	N	1	o	*	72	57	-		
† Yarmouth	30.08	62	N	3	c	30.14	+04	61	60	+1	NE	4	c	4	63	59	-		
The Helder																			
Cape Gris Nez	30.04	61	ENE	5	3m	30.02	-02	65	65	+5	ENE	4	m	3	66	? 60	-		
† Jersey	30.00	63	ENE	4	o	30.03	-03	62	61	+1	ENE	4	o	3	64	60	-		
Brest	29.99	64	ESE	4	o	29.96	-04	62	61	0	E	4	o	2	72	61	-		
Lorient	29.95	66	ENE	1	o	29.93	-02	63	61	0	ENE	3	m	1	72	61	-		
† Rochefort	29.91	70	NNW	5	b	29.93	-04	68	68	+1	SSE	3	m	1	77	59	-		
Biarritz	29.89	71	N	4	b	29.90	-05	69	67	0	W	1	o	2	73	66	-		
Coronna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.03	+02	65	62	+3	NE	1	b	*	78	58	-		
Charleville	29.92	75	NE	4	o	29.99	+01	67	62	+3	E	4	b	*	83	60	-		
Paris	29.91	74	NE	4	b	29.98	00	69	65	0	N	3	c	*	*	*	0.05		
Lyons														*	*	*			
Toulon	29.91	73	W	5	b	29.93	+04	72	63	-1	NW	3	b	2	81	65	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.94	56	ENE	4	o	28.99	+06	55	54	+1	ENE	3	o	*	60	52	-		

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

Hawes Junction	28.94	56	ENE	4	o	28.99	+06	55	54	+1	ENE	3	o	60	52	-			
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes	30.08	64	61	NN	4	b	2	Valentia	30.08	69	65	N	2	om	3
Sumburgh Head	30.25	58	56	WNW	1	o	0	Scilly	30.05	65	63	E	4	o	3
Stornoway	30.20	62	59	ENE	3	b	2	Dover	30.03	64	62	NE	3	om	2
Aberdeen	30.24	60	56	ENE	1	o	1	London	30.10	63	61	NE	2	o	*
Shields	30.19	60	58	ENE	1	o	2	Yarmouth	30.10	63	61	NNE	3	e	3
Ardrossan	30.18	63	60	NE	2	o	1	Jersey	30.04	64	62	NE	4	og	3
Mullaghmore	30.14	70	66	NNE	2	cm	2	Rochefort	29.93	73	68	NN	2	b	1
Holyhead	30.12	66	63	ENE	4	b	3								

*No important change has occurred since the morning.*

## EXPLANATION OF COLUMNS.

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

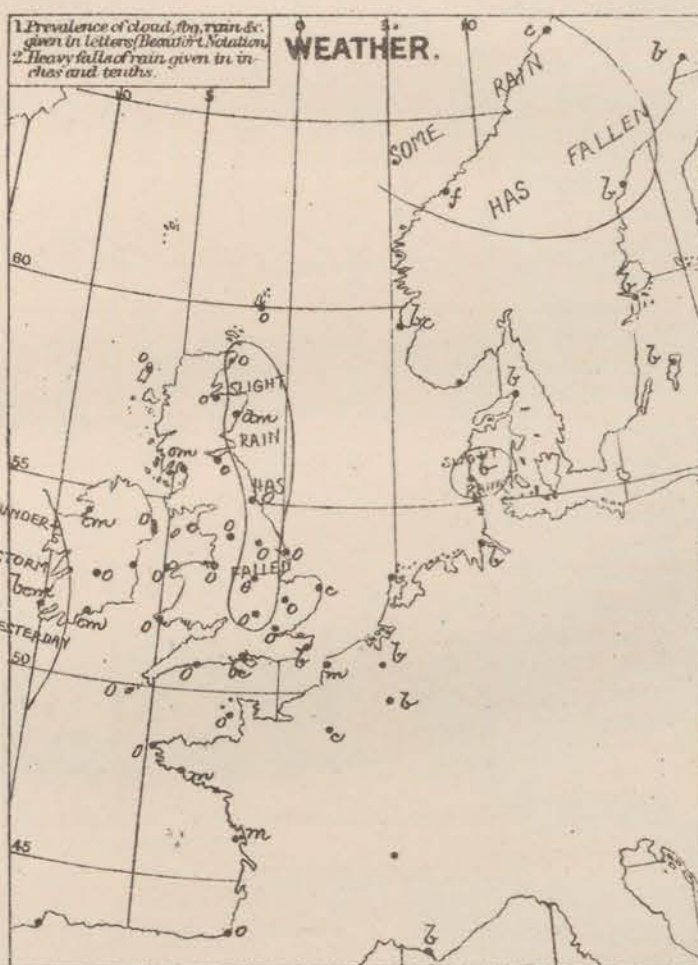
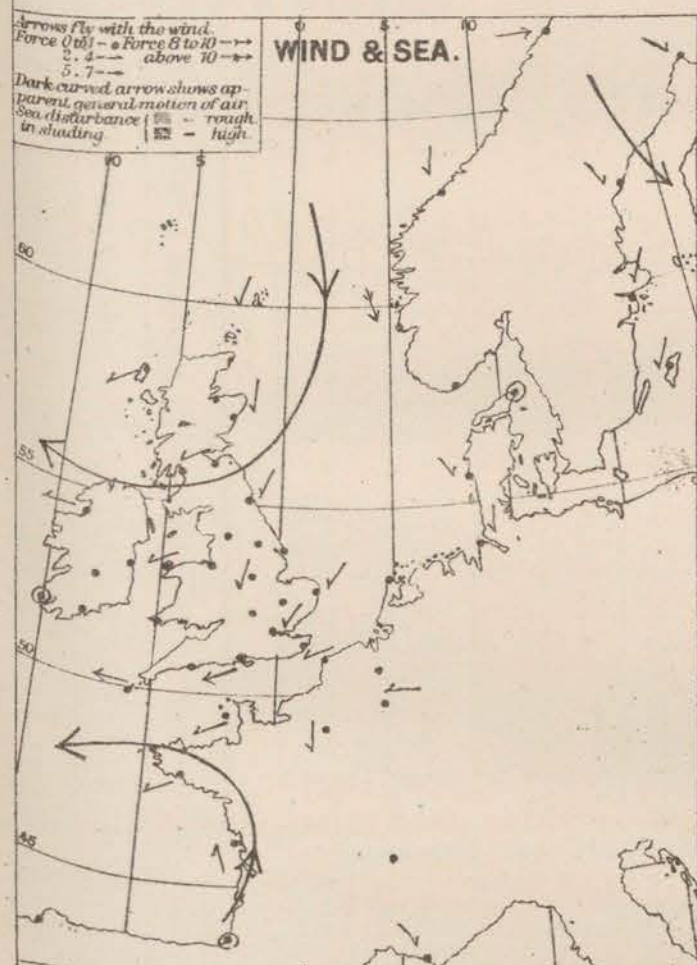
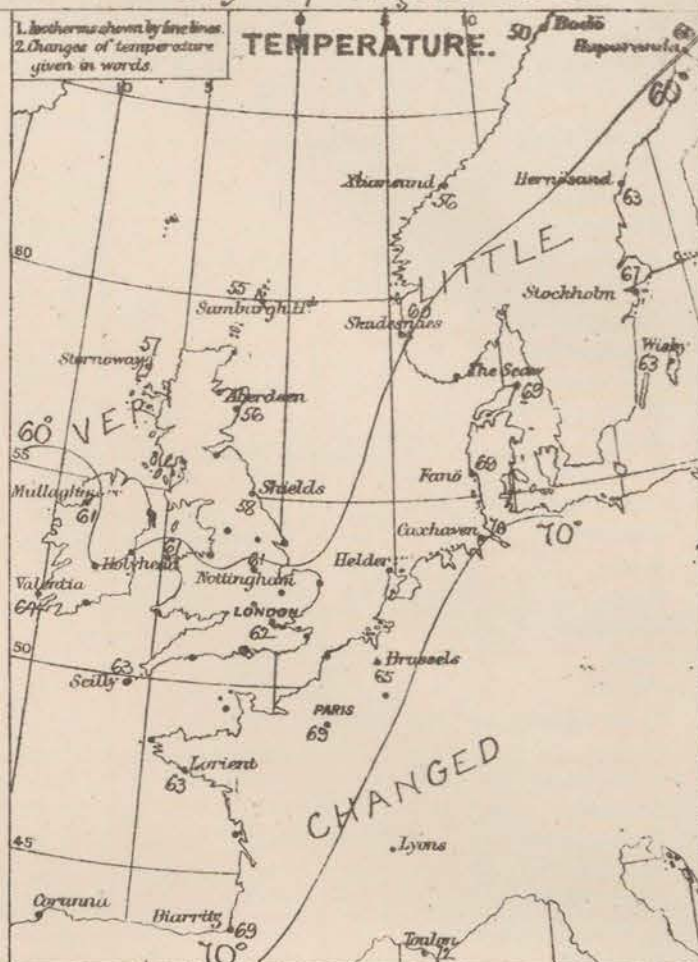
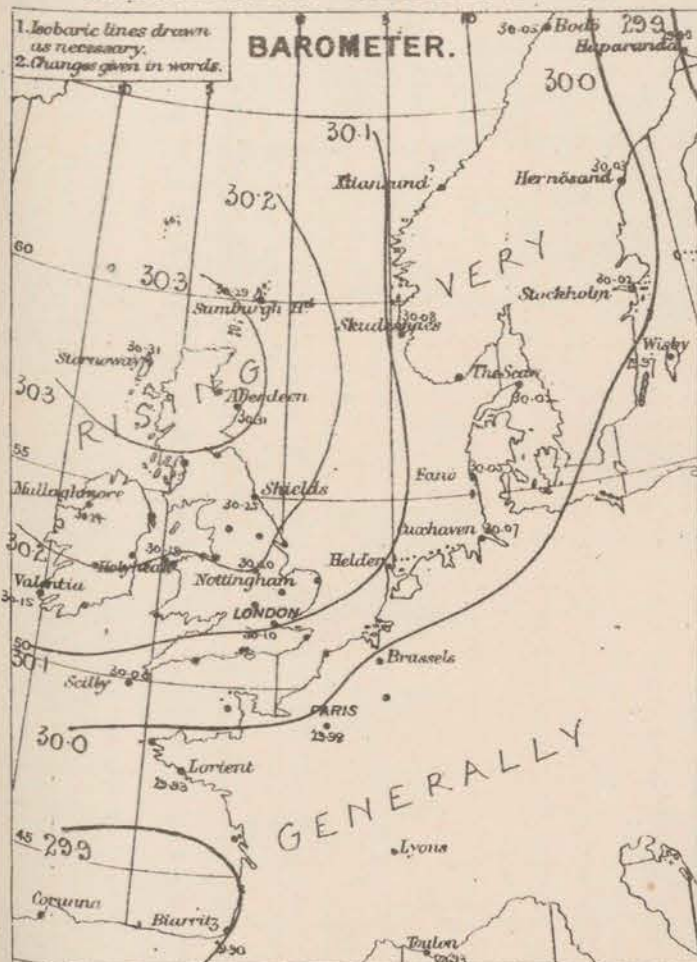
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

§ 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 Tues. day 17<sup>th</sup> August. 1880.*



REMARKS. During the past 24 hours the barometer has risen somewhat over the whole of our Islands - most in the N. but has fallen slightly over the S<sup>e</sup> parts of France, where, however, a recovery has commenced. Readings now vary from a little above 30.3 in. over Scotland to about 29.9 in. over the S<sup>e</sup> parts of the Bay of Biscay. The prevailing wind is consequently NE<sup>e</sup> to E<sup>e</sup> and blows rather fresh in the Channel, while it is light on our N. and NE. coasts, and moderate in the W. On the E<sup>e</sup> shores of the North Sea the wind is NW. Temperature shows no great change from that reported yesterday morning. During the day, however, it rose to between 71° and 76° over Ireland, and to a little above 70° at Liverpool and Cambridge, but over England generally the maximum readings did not exceed 66°, while in Scotland they barely exceeded 60°. A thunderstorm occurred again at Valencia last evening accompanied by 0.3 in. of rain. Very slight rain fell at one or two stations in Great Britain, but on the whole the weather was dry. The sky is now overcast, except in Ireland and along our S.E. coast, and slight drizzling rain is again reported at Aberdeen. The sea is moderate at Scarborough and Yarmouth, slight in most other places but smooth on the Scotch coast.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 18<sup>th</sup> AUGUST 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 ...	30.01	46	Z	0	b	30.00	+ 10	54	49	- 6	W	2	*	64	39	-
Hernösand ...	30.11	58	NNW	2	bc	30.17	+ 14	58	51	- 5	N	2	*	66	54	-
Stockholm ...	30.07	63	NNE	2	o	30.14	+ 12	63	55	- 4	N	2	*	75	55	-
Wisby ...	29.95	63	NE	2	b	30.02	+ 05	64	58	+ 1	NE	4	*	70	52	-
Bodö ...	30.10	50	SW	8	o	30.00	- 05	54	49	+ 4	NNW	8	o	54	45	0.04
Christiansund ...	30.21	55	NNE	2	b	30.17	?	56	53	0	SW	1	bc	61	41	0.04
† Skudesnaes ...	30.08	59	NNW	8	b	30.15	+ 07	60	55	0	NNW	2	bc	63	59	-
Oxö (Xiansund) ...	30.07	69	NE	4	bc	?	?	67	60	?	NE	4	b	70	64	-
Skagen (The Skaw) ...	30.07	67	Z	0	b	30.13	+ 11	69	65	0	ENE	2	b	79	63	-
Fanö ...	30.05	63	W	2	b	30.08	+ 03	72	66	+ 3	Z	*	b	84	55	-
Cuxhaven ...	30.12	71	N	2	c	30.12	+ 05	65	65	- 5	SE	1	c	?	63	-
† Sumburgh Head ...	30.31	55	N	3	o	30.26	- 03	52	50	- 2	N	2	o	58	49	-
† Stornoway ...	30.31	58	ENE	4	o	30.27	- 04	55	53	- 2	NE	4	o	59	50	-
Wick ...	30.25	56	N	1	o	30.31	- 02	54	52	- 3	NE	1	o	59	50	-
Nairn ...	30.32	59	Z	0	bc	30.30	- 01	56	54	- 1	Z	0	bc	60	56	-
† Aberdeen ...	30.31	60	N	1	o	30.20	- 01	54	52	- 2	N	1	o	61	53	-
Leith ...	30.20	58	E	1	o	30.29	+ 01	56	53	- 3	E	1	o	61	54	-
† Shields ...	30.26	59	NE	2	r	30.26	+ 01	57	55	- 1	ENE	3	o	60	55	0.05
Spurn Head ...	30.21	60	NE	4	c	30.21	+ 03	59	56	0	NE	4	og	64	58	-
York ...	30.23	61	NNE	1	o	30.24	+ 02	59	56	0	NE	2	o	64	56	-
Nottingham ...	30.21	63	NNE	2	c	30.23	+ 03	58	57	- 3	NE	3	o	66	56	0.01
† Ardrossan ...	30.28	62	ENE	2	cm	30.28	00	57	55	- 1	ENE	1	cm	65	56	-
† Mullaghmore ...	30.26	63	ESE	4	ogm	30.26	+ 02	60	57	- 1	E	4	og	63	58	-
Donaghadee ...	30.27	59	N	2	o	30.27	00	57	56	0	NE	3	o	61	56	-
Parsonstown ...	30.22	62	NNE	2	o	30.22	+ 02	58	56	- 2	NNE	1	b	68	54	-
Barrow-in-Furness ...	30.23	64	NE	3	bc	30.23	+ 02	61	56	+ 2	NE	2	c	66	58	-
† Holyhead ...	30.19	63	NE	3	b	30.19	00	60	58	- 1	NE	4	b	65	58	-
Liverpool (Bidston) ...	30.18	65	NE	3	c	30.21	+ 01	59	56	0	ENE	2	o	68	55	-
† Valentia ...	30.14	68	NE	5	bc	30.16	+ 01	64	60	0	NE	2	bc	70	58	-
Roche's Point ...	30.17	64	NE	3	c	30.15	+ 01	63	61	0	E	3	cm	76	59	-
Pembroke ...	30.11	66	ENE	3	o	30.13	00	60	57	0	ENE	3	b	68	57	-
† Scilly ...	30.05	63	NE	4	bc	30.05	00	62	60	- 1	E	6	o	64	60	-
Prawle Point ...	30.01	68	NE	4	bc	30.07	+ 03	59	57	- 1	ENE	5	c	71	58	-
Hurst Castle ...	30.03	71	E	5	b	30.10	+ 03	61	59	- 3	E	5	o	72	60	-
† Dover ...	30.04	64	NE	5	b	30.11	+ 06	62	59	- 6	ENE	5	o	69	60	-
† London ...	30.11	69	NNE	2	bc	30.14	+ 04	60	57	- 2	NE	3	o	75	58	-
Oxford ...	30.15	60	N	4	o	30.16	+ 04	58	56	- 2	ENE	4	o	69	57	-
Cambridge ...	30.15	62	N	2	o	30.16	+ 03	60	58	+ 2	N	1	o	70	57	-
† Yarmouth ...	30.15	62	NNE	4	c	30.16	+ 02	61	58	0	NE	4	c	63	58	-
The Helder ...	30.11	63	NNE	2	c	30.12	+ 04	63	60	- 4	NNE	1	c	68	61	-
Cape Gris Nez ...	30.04	62	ENE	7	m	30.05	+ 01	62	60	- 3	ENE	5	c	68	61	-
† Jersey ...	30.00	65	NE	5	cm	30.03	00	62	61	0	ENE	6	cm	72	61	0.09
Brest ...	29.97	68	E	5	bc	29.99	+ 03	64	63	+ 2	E	4	o	77	64	-
Lorient ...	29.91	68	S	1	b	29.91	- 02	64	62	+ 1	ENE	4	m	79	63	-
† Rochefort ...	29.87	82	N	1	o	29.92	- 01	68	64	0	ENE	4	e	86	59	-
Biarritz ...	29.81	73	ESE	4	o	29.94	+ 04	71	66	+ 2	W	4	bc	84	66	0.24
Corunna ...	*	*	*	*	*	30.08	+ 05	61	60	- 4	NE	1	f	77	62	*
Brussels ...	*	*	*	*	*	30.12	?	74	?	+ 7	E	1	b	84	58	-
Charleville ...	?	72	E	7	b	?	?	?	?	?	E	1	b	*	*	-
Paris ...	29.95	73	NE	3	b	30.01	+ 03	67	62	- 2	N	1	bc	*	*	0.04
Lyons ...	29.88	77	NW	1	bc	29.97	+ 02	67	65	+ 2	NE	1	o	86	60	-
Toulon ...	29.94	73	W	4	b	29.95	+ 02	75	65	+ 3	Z	0	b	79	68	-

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

Hawes Junction	29.07	55	ENE	4	o	29.00	+ 01	53	52	- 2	ENE	4	o	57	52	-
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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 ...	30.08	63	58	NNW	8	b	3	Valentia ...	30.15	68	63	NE	3	o	3
Sumburgh Head ...	30.32	57	54	NNE	2	o	2	Scilly ...	30.06	64	61	E	5	o	14
Stornoway ...	30.33	59	56	ENE	3	o	3	Dover ...	30.08	66	63	NE	5	bc	3
Aberdeen ...	30.32	61	57	N	2	o	1	London ...	30.10	72	67	NE	2	c	*
Shields ...	30.27	60	57	ENE	2	o	3	Yarmouth ...	30.17	63	61	NNE	4	c	4
Ardrossan ...	30.20	62	58	ENE	2	omv	1	Jersey ...	30.03	67	64	ENE	4	cm	3
Mullaghmore ...	30.27	61	58	E	4	ogm	3	Rochefort ...	29.93	2	65	NW	4	bc	2
Holyhead ...	30.20	64	61	ENE	4	bc	3								

*Pressure is increasing a little in most places; otherwise no important change has occurred.*

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (thick); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Wednesday 18<sup>th</sup> August 1881.

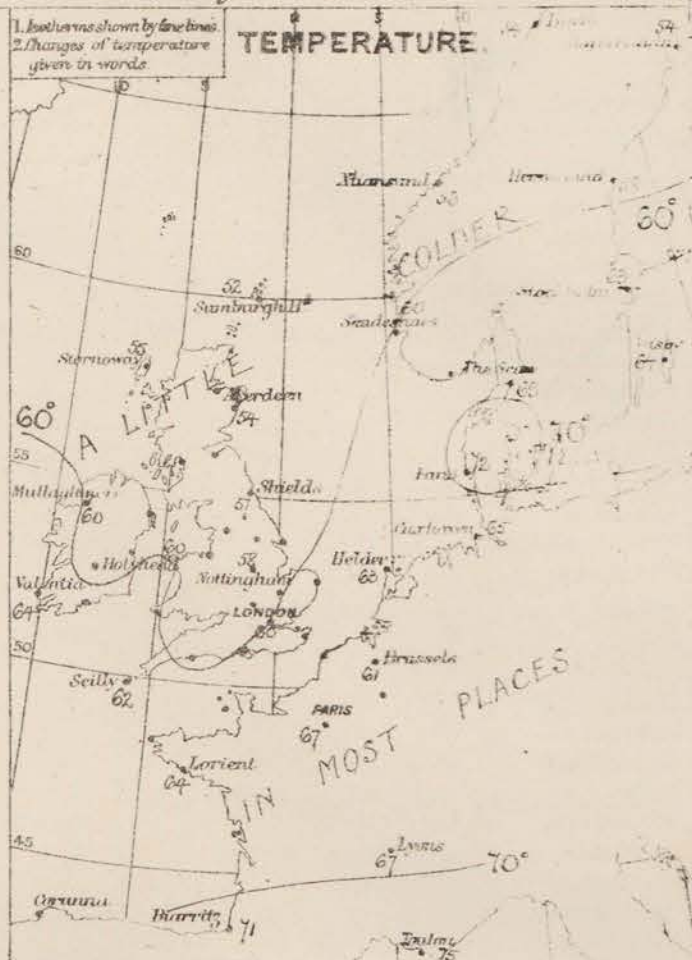
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



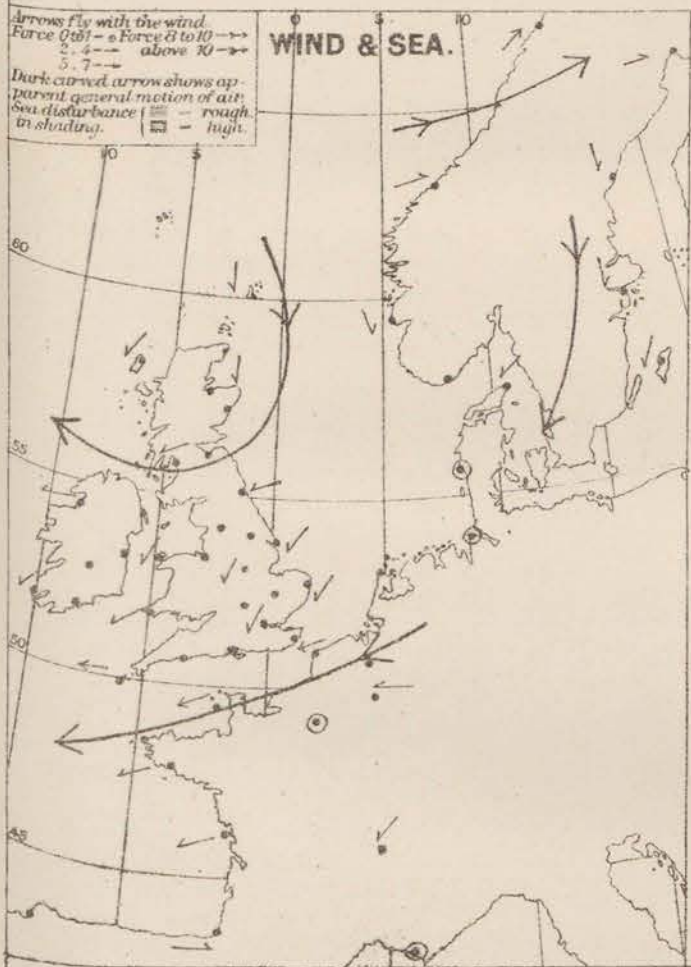
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



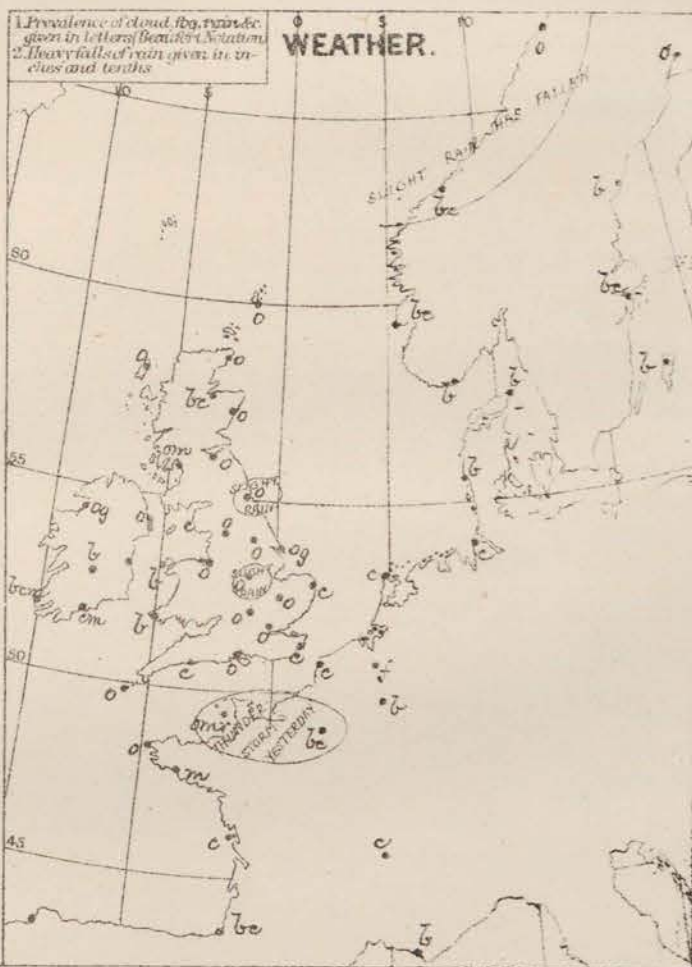
Arrows fly with the wind.  
Force 0-10 - Force 8 to 10 -  
2-4 - above 10 -  
5-7 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance: - rough in shading. - high.

## WIND & SEA.



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

## WEATHER.



## REMARKS.

A slight decrease of pressure has taken place at our N<sup>o</sup> stations during the past night, and an equally slight increase in the S, but the changes are so trifling that the relative distribution of pressure is very little altered from that reported yesterday. NE<sup>o</sup> and E<sup>o</sup> breezes still prevail over the United Kingdom, and France, blowing freshly in the S, but with little force elsewhere. Temperature has decreased slightly in most places, and varies from 54° in the N. of Scotland to 60° or 61° in the SE of England and 63° or 64° in the S. of Ireland. Maxima as high as 70° to 75° were recorded over the S. of England yesterday, but not more than 60° to 64° was registered over the N<sup>o</sup> countries. Slight rain fell in the NE. of England yesterday, and a thunderstorm occurred at Luss; elsewhere the weather was dry. The sky is still very cloudy in most places, but moderately clear over the S. of Ireland. The sea is moderate in the Channel, slight at Holyhead, smooth on our NE<sup>o</sup> and N<sup>o</sup> coasts.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

19<sup>th</sup> AUGUST

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	56	W	2	c	29.87	— 13	57	50	+ 3	W	2	bc	*	64	46	—		
Hernösand	30.07	58	Z	0	bc	30.07	— 10	62	55	+ 4	N	4	bc	*	77	43	—		
Stockholm	30.08	60	SSW	2	o	30.08	— 06	64	56	+ 1	Z	0	bc	*	73	34	—		
Wisby	30.04	61	N	4	bc	30.02	00	63	69	— 1	W	2	bc	*	73	57	—		
Bodo	29.91	53	SH	8	o	29.89	— 11	53	52	— 1	SW	8	f	6	55	50	0.04		
Christiansund	30.12	54	NW	2	bc	30.03	— 14	54	53	— 2	SSE	1	f	4	59	46	—		
Skudesnaes	30.10	59	NNW	4	bc	30.06	— 09	60	57	0	NNW	2	o	2	66	54	—		
Oxö (Xiansund)	30.13	69	WSW	2	bc	30.06	?	65	61	— 2	WSW	2	bc	1	70	61	—		
Skagen (The Skaw)	30.09	67	NNW	2	bc	30.07	— 06	68	60	— 1	Z	0	bc	0	79	58	—		
Fanö	30.10	63	NW	2	bc	30.05	00	62	62	— 10	N	1	f	*	72	59	—		
Cuxhaven	30.19	72	N	1	bc	30.10	— 02	69	68	+ 4	SSE	1	bc	*	?	63	—		
Sumburgh Head	30.19	53	NW	1	o	30.10	— 16	52	51	0	SSW	2	c	1	55	50	—		
Stornoway	30.18	58	E	1	o	30.07	— 20	57	56	+ 2	Z	0	o	0	59	50	0.02		
Wick	30.20	65	ESE	2	o	30.12	— 19	57	55	+ 3	S	1	om	0	60	50	—		
Nairn	30.18	59	NE	1	bc	30.11	— 19	56	50	0	Z	0	bc	1	64	53	—		
Aberdeen	30.21	57	SE	1	c	30.14	— 16	57	55	+ 3	Z	0	om	0	60	51	—		
Leith	30.21	58	E	1	o	30.17	— 12	57	53	+ 1	S	1	bc	*	57	54	—		
Shields	30.20	59	ENE	1	o	30.17	— 09	56	54	— 1	NE	1	o	3	61	54	—		
Spurn Head	30.17	59	ENE	4	o	30.13	— 08	59	56	0	NE	3	o	4	61	56	—		
York	30.19	61	ENE	1	o	30.15	— 09	58	54	— 1	NE	1	o	*	62	55	—		
Nottingham	30.18	60	Z	0	o	30.14	— 09	58	55	0	NNE	4	o	*	67	55	—		
Ardrossan	30.18	62	E	1	cm	30.14	— 14	58	54	+ 1	SSE	1	o	1	64	55	—		
Mullaghmore	30.19	60	E	3	o	30.13	— 13	59	55	— 1	ESE	2	o	1	61	57	—		
Donaghadee	30.20	58	SE	3	o	30.16	— 11	57	57	0	E	1	o	0	61	56	—		
Parsonstown	30.14	66	NE	1	bc	30.14	— 08	56	55	— 2	NE	1	o	*	69	53	—		
Barrow-in-Furness	30.16	62	NE	2	bc	30.16	— 07	56	53	— 5	ESE	2	o	2	65	56	—		
Holyhead	30.12	63	ENE	4	bc	30.11	— 08	59	57	— 1	E	3	o	3	66	57	—		
Liverpool (Bidston)	30.14	63	E	2	o	30.14	— 07	57	53	— 2	E	1	o	1	66	55	—		
Valentia	30.10	65	WSW	4	bc	30.11	— 05	64	61	0	N	2	bc	2	72	58	0.03		
Roche's Point	30.20	69	SE	3	c	30.11	— 04	59	57	— 4	NNW	3	cm	3	73	55	—		
Pembroke	30.09	62	Z	0	cm	30.11	— 02	56	54	— 4	ENE	3	c	2	67	54	—		
Scilly	30.05	63	ENE	4	o	30.05	00	61	60	— 1	ENE	4	o	3	64	60	—		
Prawle Point	30.03	63	NE	4	o	30.04	— 03	58	57	— 1	NE	4	o	4	65	57	—		
Hurst Castle	30.04	68	E	4	bc	30.05	— 05	60	59	— 1	ENE	4	om	2	71	56	—		
Dover	30.06	64	NE	4	c	30.02	— 09	65	63	+ 3	NE	3	c	3	67	62	—		
London	30.10	65	NE	2	o	30.07	— 07	60	58	0	NE	1	o	*	68	58	—		
Oxford	30.13	60	N	3	o	30.09	— 07	57	55	— 1	NE	3	o	*	64	56	—		
Cambridge	30.12	61	N	1	o	30.04	— 12	60	58	0	N	1	o	*	67	55	—		
Yarmouth	30.12	62	NE	3	c	30.08	— 08	62	61	+ 1	NE	4	c	3	64	60	—		
The Helder	30.08	64	NNE	2	bc	30.08	— 07	67	64	+ 4	ENE	1	bc	1	70	63	—		
Cape Gris Nez	30.03	63	ENE	5	c	30.00	— 05	63	63	+ 1	NE	5	f	4	68	61	—		
Jersey	30.02	62	ENE	4	om	30.01	— 02	62	62	0	ENE	3	om	3	65	60	0.55		
Brest	29.97	66	SE	5	o	29.97	— 02	62	62	— 2	E	3	m	2	77	61	—		
Lorient	29.94	72	SW	3	bc	29.94	+ 03	61	60	— 3	E	4	m	2	70	59	—		
Rochefort	29.93	77	WSW	1	bc	?	?	69	66	+ 1	NE	1	bc	0	?	63	—		
Biarritz	29.90	72	N	4	bc	29.91	— 03	69	67	— 2	NE	4	bc	2	73	66	0.04		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.00	— 08	64	60	+ 3	ENE	1	bc	*	76	56	—		
Charleville	29.98	71	NE	1	bc	29.99	?	64	59	— 10	E	1	c	*	81	61	—		
Paris	29.96	76	ENE	1	c	29.96	— 05	69	64	+ 2	NE	4	bc	*	*	*	—		
Lyons	29.94	71	E	1	o	29.97	00	62	60	— 5	E	1	f	*	87	55	—		
Toulon	29.91	75	W	4	bc	29.95	00	69	68	— 6	E	3	m	2	81	64	—		

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

Hawes Junction	28.96	55	E	3	o	28.92	— 08	52	53	— 1	ENE	2	o	*	57	50	—
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.15	66	62	NW	4	bc	2	Valentia ...	30.15	69	63	ENE	2	bc	3
Sumburgh Head	30.25	54	51	NW	2	o	1	Scilly ...	30.07	63	60	E	6	o	4
Stornoway ...	30.24	58	55	ENE	1	o	1	Dover ...	30.12	65	62	ENE	4	o	3
Aberdeen ...	30.28	57	54	N	1	o	1	London ...	30.13	64	61	NE	3	o	*
Shields ...	30.25	60	57	NE	1	o	3	Yarmouth ...	30.17	63	60	NE	3	o	3
Ardrossan ...	30.25	62	57	ESE	1	om	1	Jersey ...	30.03	65	62	ENE	5	om	4
Mullaghmore ...	30.25	60	56	ESE	4	o	2	Rochefort ...	29.95	83	72	WSW	4	bc	1
Holyhead ...	30.18	65	61	ENE	4	bc	3								

No important change has occurred since the morning.

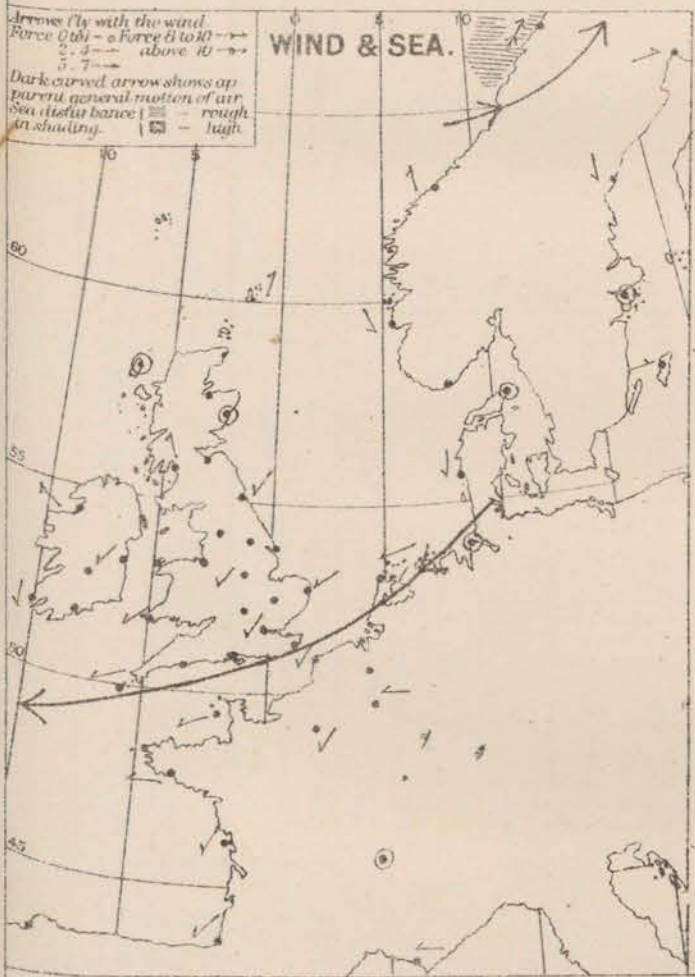
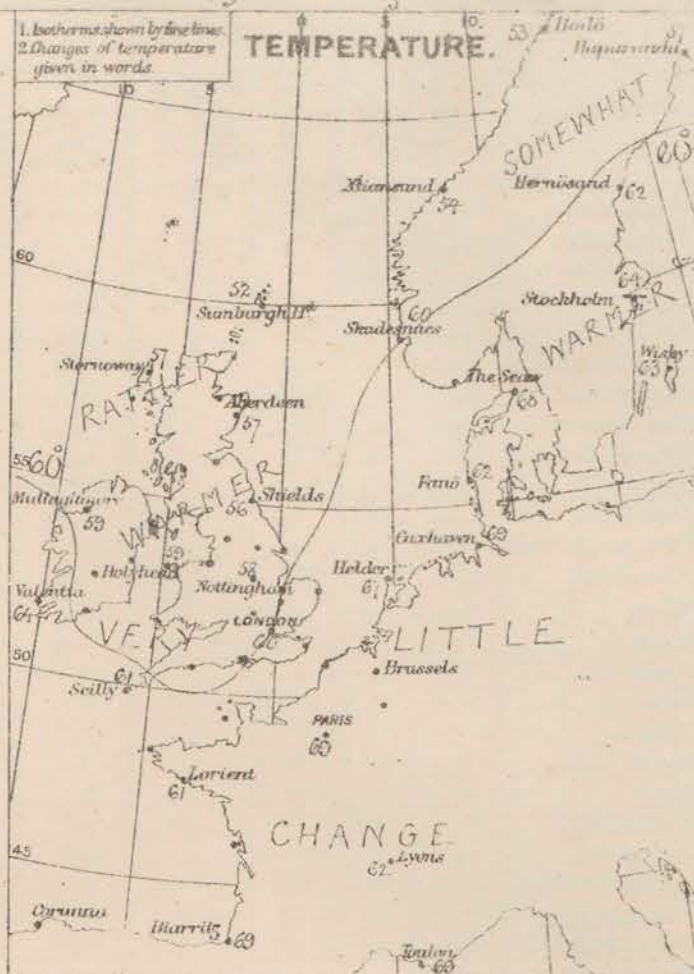
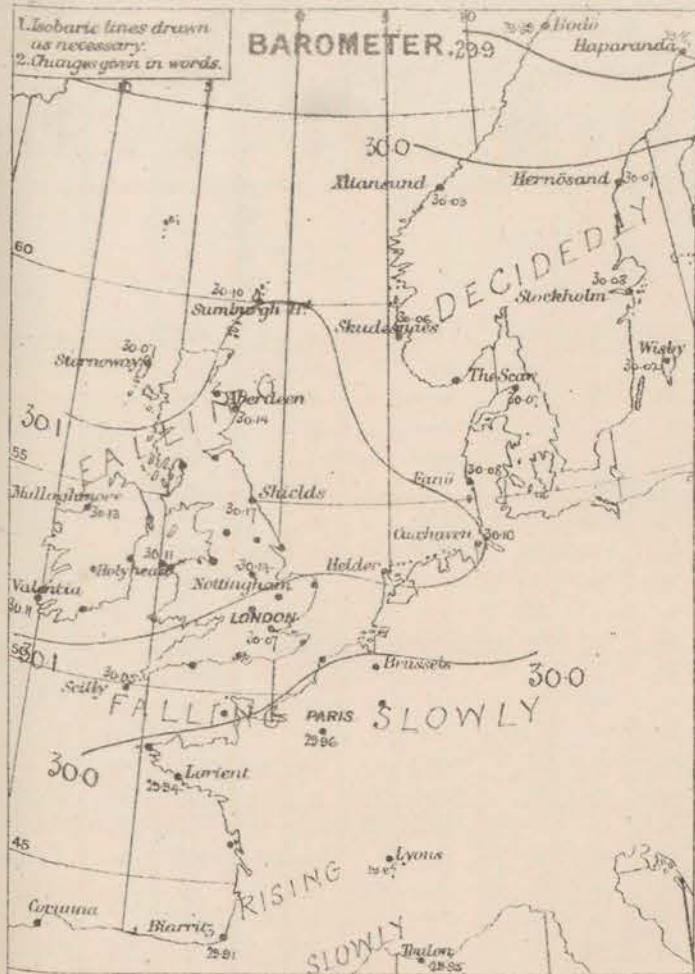
## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



## WEATHER CHARTS

for 8 a.m. on Thursday 19<sup>th</sup> August. 1880.



REMARKS. The barometer has now begun to fall somewhat decidedly in the N. of our Islands, while it is inclined to rise over France, so that the area of highest pressure is moving slowly in a S.E. direction. To the N.W. of this area (i.e. over the extreme N. of Scotland) E. air is setting in, which calms are experienced at the more S. of the Scotch stations, and E. to N.E. breezes still hold over England, Ireland and France. Temperatures rising in the N. districts, but changing little elsewhere. Maximum of 71° at Thurston, and 73° in the S. of Ireland were recorded yesterday, but over England the highest readings varied from 65° to 66°, and in Scotland from 59° to 64°. More than half an inch of rain fell at Lerwick yesterday, and a few hundredths at Valentia and Stromness; otherwise the weather has again been dry.

The sea is slight both at Holyhead and Dover, moderate to smooth elsewhere.

Subscription for these charts payable in ad- vance to cover delivery.	Delivery by hand 10¢ per quarter beats post.
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*- Meteorological Office.  
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT.  
Secretary

DANFORTH LITH. 27 Bedford St. Covent. (CROOK)



# DAILY WEATHER REPORT 20<sup>th</sup> AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö	29.91	54	SW	2	0	29.89	0.00	55	52	+ 2	SW	6	0	3	55	52	—		
Christiansund	30.02	56	WSW	4	0	30.00	— 0.02	56	52	+ 2	SW	3	0	4	59	46	—		
† Skudesnaes	30.07	57	WSW	2	c	30.05	— 0.01	58	52	— 2	NNW	4	0	2	61	57	—		
Oxö (Xiansund)	30.02	66	SW	4	b	30.01	— 0.05	59	57	— 6	WSW	4	60	2	68	57	—		
Skagen (The Skaw)	30.04	64	Z	0	c	30.04	— 0.03	65	62	— 3	NNW	2	0	0	82	55	—		
Fanö	30.04	64	NE	2	c	30.04	— 0.04	70	65	+ 8	NE	1	0	*	73	55	—		
Cuxhaven	30.15	72	N	2	c	30.06	— 0.04	67	64	— 2	SSE	1	0	*	72	59	—		
† Sumburgh Head	30.03	56	SW	4	0	30.00	— 0.10	57	55	+ 5	WSW	5	0	4	58	51	0.01		
† Stornoway	30.02	63	WSW	4	c	30.02	— 0.05	60	60	+ 3	WSW	3	0	3	65	55	—		
Wick	30.09	58	N	1	0	30.07	— 0.05	61	57	+ 4	N	1	0	0	62	57	—		
Nairn	30.06	65	Z	0	c	30.06	— 0.05	58	55	+ 2	Z	0	0	0	66	56	—		
† Aberdeen	30.09	59	S	2	b	30.09	— 0.05	62	57	+ 5	Z	0	0	0	64	54	—		
Leith	30.08	63	SE	1	b	30.15	— 0.02	60	55	+ 3	NW	1	0	*	69	53	—		
† Shields	30.11	58	ESE	1	b	30.12	— 0.05	56	54	0	Z	0	m	2	61	49	—		
Spurn Head	30.11	58	NE	3	0	30.10	— 0.03	58	57	— 1	NE	3	0	4	66	56	—		
York	30.12	62	E	1	0	30.12	— 0.03	59	56	+ 1	NNE	1	0	*	64	56	—		
Nottingham	30.11	62	NNE	1	0	30.13	— 0.01	61	59	+ 3	NE	3	0	*	64	56	0.01		
† Ardrossan	30.10	61	WSW	1	0	30.11	— 0.03	59	56	+ 1	Z	0	bcm	0	63	54	—		
† Mullaghmore	30.10	65	NN	1	c	30.10	— 0.03	62	58	+ 3	Z	0	0	0	67	57	—		
Donaghadee	30.12	59	NE	2	0	30.12	— 0.04	59	56	+ 2	SW	2	0	0	61	55	—		
Parsonstown	30.09	66	NNE	1	0	30.12	— 0.02	59	56	+ 3	Z	0	0	*	67	55	—		
Barrow-in-Furness	30.10	65	NE	2	b	30.18	— 0.03	60	58	+ 4	E	2	om	0	67	56	—		
† Holyhead	30.08	61	NE	3	0	30.11	0.00	65	60	+ 6	Z	0	m	0	65	58	—		
Liverpool (Bidston)	30.08	63	SE	1	b	30.12	— 0.02	59	57	+ 2	SE	1	0	1	68	57	—		
† Valentia	30.07	68	N	1	b	30.12	+ 0.01	62	59	+ 2	Z	0	bcm	0	72	54	—		
Roche's Point	30.11	67	SE	1	b	30.10	— 0.01	62	60	+ 3	NNE	1	0	2	75	58	—		
Pembroke	30.06	63	NE	1	b	30.09	— 0.02	60	58	+ 4	ENE	1	0	0	63	56	—		
† Scilly	30.05	61	NE	2	0	30.07	+ 0.02	62	60	+ 1	NE	2	0	1	62	59	—		
Prawle Point	30.02	63	N	2	0	30.05	+ 0.01	61	59	+ 3	NNE	2	0	2	66	56	—		
Hurst Castle	29.98	70	NE	3	0	30.04	— 0.01	63	62	+ 3	NE	4	c	2	71	60	—		
Dover	29.97	67	NE	3	b	29.99	— 0.03	65	63	0	N	3	bc	2	71	64	—		
London	30.00	68	NE	1	c	30.05	— 0.02	63	61	+ 3	NNE	2	0	*	75	60	—		
Oxford	30.07	61	NE	2	0	30.08	— 0.01	60	58	+ 3	NNE	2	ag	*	67	57	0.01		
Cambridge	30.05	66	NE	1	bc	30.05	+ 0.01	61	60	+ 1	N	1	0	*	77	58	—		
† Yarmouth	30.06	63	NNE	4	0	30.05	— 0.03	62	62	0	NE	4	cd	3	67	60	0.06		
The Helder	30.03	67	NE	4	c	30.04	— 0.01	66	64	— 1	ENE	1	c	1	72	64	—		
Cape Gris Nez	29.99	66	ENE	3	m	30.00	0.00	64	63	+ 1	NE	4	m	3	70	61	—		
Jersey	30.00	63	NNE	2	0	30.03	+ 0.02	62	61	0	NE	2	om	2	66	58	—		
Brest	29.99	64	E	5	bc	30.04	+ 0.07	60	60	— 2	E	3	0	2	70	59	—		
Lorient	29.92	68	NW	4	m	29.96	+ 0.02	60	59	— 1	NE	3	m	1	81	59	—		
† Rochefort	29.94	73	NNW	4	b	29.92	?	71	68	+ 2	NE	4	bc	1	79	64	—		
Biarritz	29.81	75	ENE	3	b	29.93	+ 0.02	72	?	+ 3	W	7	0	3	84	66	—		
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.97	— 0.03	67	?	+ 3	NE	1	0	*	?	?	?		
Charleville	30.00	64	E	1	bc	29.99	0.00	63	59	— 1	SE	1	bc	*	84	57	—		
Paris	29.91	73	SSW	1	c	29.97	+ 0.01	68	64	— 1	N	1	0	*	*	*	—		
Lyons	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Toulon	29.94	73	W	3	b	30.01	+ 0.06	68	67	— 1	Z	0	m	1	81	66	—		

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

Hawes Junction	28.87	60	ENE	1	b	28.89	— 0.03	53	53	+ 1	Z	0	0	0	61	45	—
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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 ...	30.08	60	55	NW	5	0	2	Valentia ...	30.10	70	62	N	2	bcm	3
Sumburgh Head	30.08	54	53	SW	4	0	3	Scilly ...	30.06	61	59	NE	3	0	3
Stornoway ...	30.06	64	59	WSW	3	c	2	Dover ...	29.99	70	65	NE	4	b	5
Aberdeen ...	30.12	62	58	S	2	0	0	London ...	30.03	70	65	NE	2	c	*
Shields ...	30.15	60	55	ESE	1	c	2	Yarmouth ...	30.08	66	64	NE	3	c	3
Ardrossan ...	30.13	61	58	W	1	0	1	Jersey ...	30.02	64	63	ENE	3	cm	3
Mullaghmore ...	30.13	65	59	N	1	0	1	Rochefort ...	29.93	78	72	NW	4	b	2
Holyhead ...	30.11	64	60	E	2	0	1								

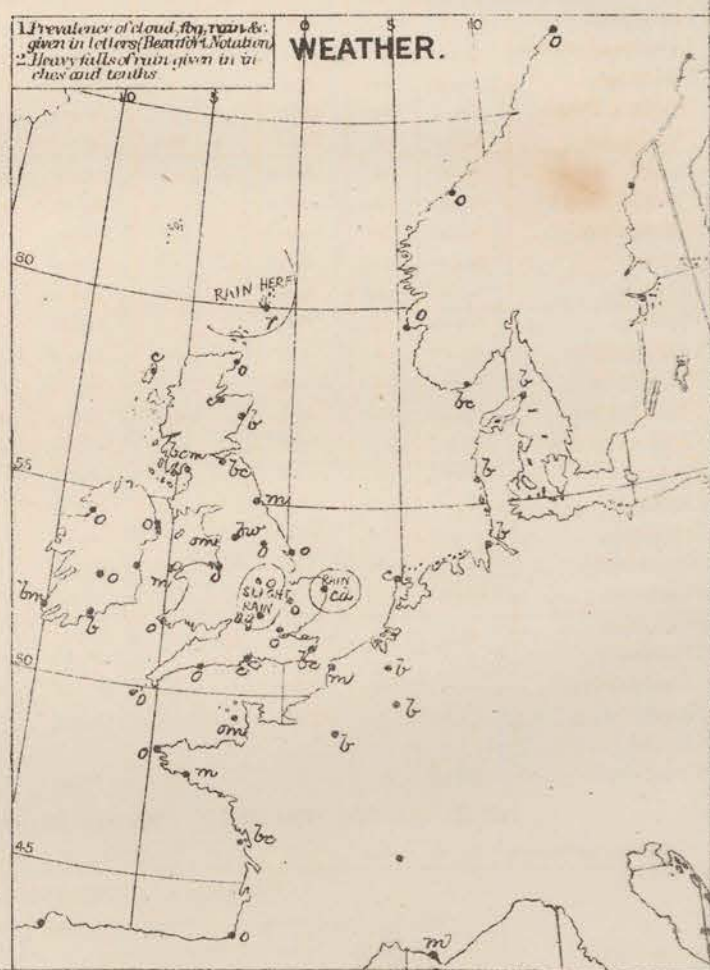
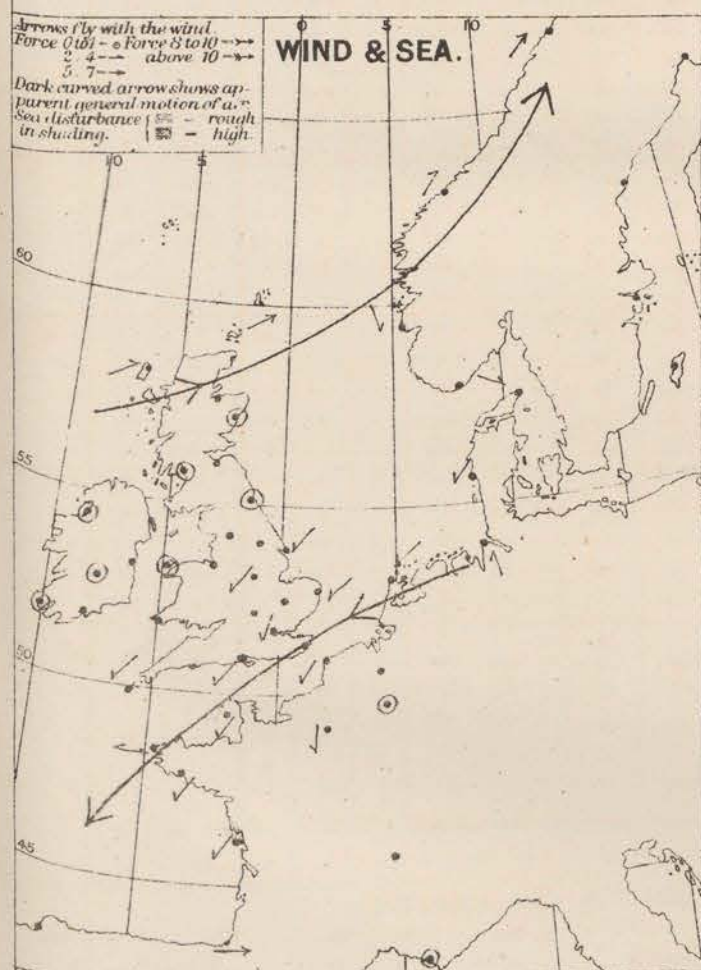
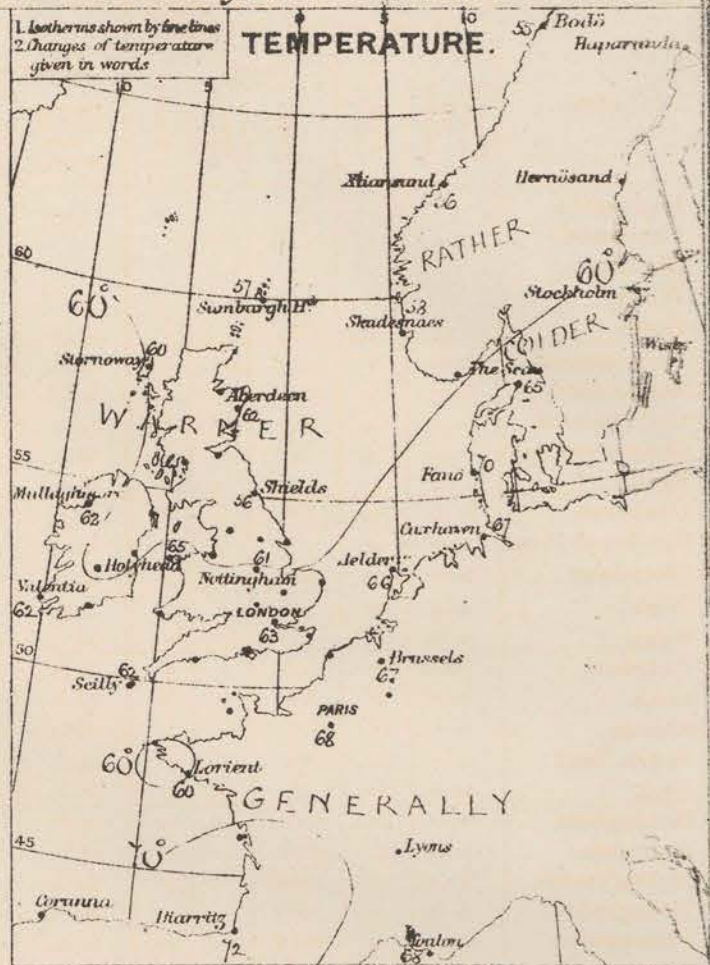
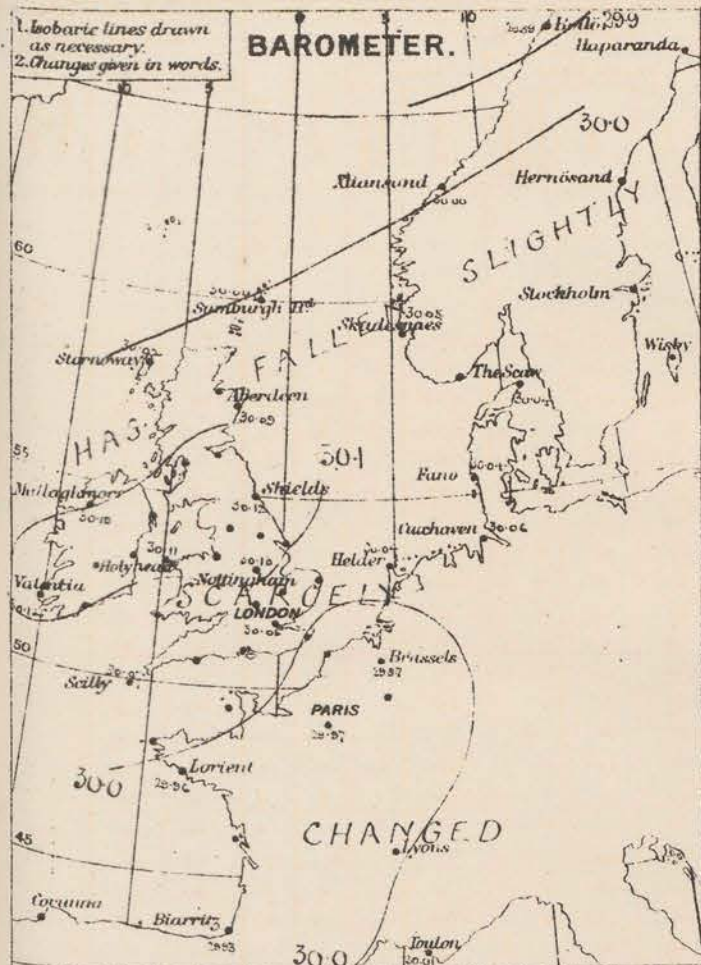
There is hardly any change to report beyond a veering of the wind to SW in Scotland.

## EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 *Fri day 20<sup>th</sup> August 1880.*



REMARKS. The fall of the barometer noticed in the N. yesterday has been interrupted during the night, while on our  $50^{\circ}$  and  $5^{\circ}$  coasts the mercury is rising slowly. The central area of the anticyclone has consequently changed its position very slightly, and still lies over Ireland and the N. of England. Light to moderate SW breezes are still felt in Scotland and the N. of Ireland, while over the S. half of England and in France the NE breeze still holds, but with moderate strength. Temperature has risen a little in most places and varies from  $55^{\circ}$  to  $62^{\circ}$  all over Great Britain and Ireland. Maximum of  $70^{\circ}$  to  $75^{\circ}$  was recorded over our  $50^{\circ}$  and  $5^{\circ}$  districts yesterday, and  $60^{\circ}$  to  $65^{\circ}$  in the N. The past night has been warm and rather clear in London. Light rain has fallen in one or two localities and is now falling at Yarmouth. The sky is overcast over most of the English stations and the N. of Ireland, but is clearer elsewhere. The sea is smooth generally - the exception being off Lough Neale, and at the mouth of the Humber, where it is moderate.

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Charts payable in ad-  
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*Meteorological Office,  
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT 21<sup>st</sup> AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.88	57	N	2	b	29.71	-0.24	57	56	-1	W	2	c	*	66	52	-		
Hernösand	29.91	64	Z	0	c	29.99	+0.00	64	60	+4	NN	6	b	*	72	46	-		
Stockholm	29.99	65	SW	2	b	30.00	+0.04	67	63	-4	W	2	b	*	81	55	-		
Wisby	29.98	62	SW	2	b	29.99	-0.01	64	63	-1	WSW	2	b	*	70	57	-		
Bodö	29.84	59	S	2	o	29.79	-0.10	47	44	-3	WNW	6	o	3	59	45	0.12		
Christiansund	29.95	59	SW	4	r	30.07	+0.07	55	53	-2	WSW	5	r	4	63	46	0.32		
† Skudesnaes																			
Oxö (Xiansund)	29.96	64	WSW	4	b	30.02	+0.01	62	57	+5	NNW	1	b	2	66	57	-		
Skagen (The Skaw)	30.02	60	WSW	2	b	29.92	-0.08	61	53	-8	SW	3	b	0	68	34	-		
Fanö	30.10	58	N	4	b	30.11	+0.01	67	61	-6	NNW	4	b	*	73	54	-		
Cuxhaven	30.13	72	N	1	b	30.11	+0.05	66	66	0	NE	2	f	*	70	63	-		
† Sumburgh Head	30.27	57	W	4	b	30.18	+0.18	57	55	-2	W	2	o	1	62	47	0.01		
† Stornoway	30.09	64	W	3	o	30.20	+0.11	61	60	-1	SE	1	o	0	65	54	0.56		
Wick	30.12	63	Z	0	b	30.22	+0.10	63	61	-2	Z	0	b	0	68	52	-		
Nairn	30.13	63	W	1	b	30.22	+0.09	60	59	-1	Z	0	c	1	73	55	-		
† Aberdeen	30.13	64	Z	0	b	30.23	+0.10	59	55	-4	Z	0	c	0	69	48	-		
Leith	30.11	67	NW	1	m	30.22	+0.07	59	57	-2	NE	1	m	1	72	44	+		
† Shields	30.13	60	SSE	1	m	30.22	+0.10	59	57	-2	SSE	1	?b	2	64	54	-		
Spurn Head	30.12	59	ENE	3	o	30.20	+0.08	57	57	0	NE	4	om	4	64	56	-		
York	30.12	65	SSE	1	b	30.22	+0.10	58	56	-2	NE	1	o	*	67	55	-		
Nottingham	30.14	62	ENE	3	c	30.19	+0.05	59	58	-1	ENE	3	o	*	66	58	-		
† Ardrossan	30.13	61	SW	1	o	30.19	+0.06	60	57	-3	NE	1	f	0	68	51	-		
† Mullaghmore	30.12	65	NW	2	b	30.19	+0.07	62	59	-3	E	4	bm	2	66	59	-		
Donaghadee	30.14	62	N	2	b	30.22	+0.08	59	57	-2	N	3	b	1	61	56	-		
Parsonstown	30.12	67	Z	0	o	30.19	+0.07	56	55	-1	N	1	o	*	69	47	-		
Barrow-in-Furness	30.11	65	NNW	1	b	30.20	+0.09	61	59	-2	NE	1	b	1	69	55	-		
† Holyhead	30.11	61	NW	2	o	30.16	+0.05	61	60	-1	ENE	3	b	2	64	56	-		
Liverpool (Bilston)	30.11	62	NW	1	b	30.20	+0.09	60	57	-3	E	1	o	1	65	58	-		
† Valentia	30.10	67	N	2	bm	30.15	+0.05	66	61	-5	NNW	1	cm	1	72	57	-		
Roche's Point	30.10	64	SE	2	b	30.13	+0.03	60	57	-3	NE	3	cm	3	73	55	-		
Pembroke	30.08	65	Z	0	c	30.11	+0.03	61	58	-3	ENE	3	m	3	68	58	-		
† Scilly	30.07	64	ENE	2	b	30.06	-0.01	62	60	-2	ENE	4	c	3	66	58	-		
Prawle Point	30.03	65	ENE	2	b	30.05	+0.00	61	59	-2	NE	5	o	4	71	58	-		
Hurst Castle	30.02	68	ENE	3	b	30.09	+0.07	62	61	-1	E	4	c	1	72	60	-		
† Dover	30.00	67	NNE	3	b	30.08	+0.08	65	63	-2	NE	3	c	2	72	62	-		
† London	30.04	68	NNE	3	b	30.12	+0.08	64	60	-4	NE	3	o	*	72	59	-		
Oxford	30.10	61	NNE	1	o	30.15	+0.05	59	57	-2	NE	4	o	*	63	58	-		
Cambridge	30.05	65	N	1	o	30.15	+0.10	60	58	-2	NE	1	o	*	68	58	0.02		
† Yarmouth	30.08	64	NNE	3	b	30.16	+0.08	63	61	-2	NE	3	b	*	66	60	-		
† The Helder	30.06	66	NE	2	c	30.10	+0.04	66	62	-4	NE	4	b	2	70	64	-		
Cape Gris Nez	30.00	65	ENE	3	b	30.09	+0.09	62	62	0	NE	4	o	3	72	61	-		
† Jersey	30.03	64	NE	2	bm	30.08	+0.05	63	62	-1	NE	3	cm	3	69	60	0.01		
Brest	30.03	64	ESE	3	o	29.99	-0.04	62	59	-3	E	4	o	2	72	57	-		
Lorient	29.95	69	NW	3	b	29.95	-0.01	63	62	-1	ENE	3	m	1	79	59	-		
† Rochefort	29.90	80	E	3	b	29.93	+0.01	73	68	-5	ENE	1	o	2	90	63	0.51		
Biarritz	29.94	75	W	3	b	29.90	-0.03	70	67	-3	S	5	o	2	79	68	0.04		
Corunna	*	*	*	*	*	30.04	+0.07	63	59	-4	NE	3	b	*	81	59	*		
Brussels	*	*	*	*	*	30.02	+0.03	59	55	-4	E	1	b	*	88	56	0.59		
Charleville	29.99	80	E	4	*b	30.02	+0.03	59	55	-4	E	1	b	*	*	*	-		
Paris	29.94	78	NE	1	b	30.01	+0.07	67	61	-6	N	4	b	*	*	*	-		
Lyons																			
Toulon	29.98	72	SW	1	m	30.00	+0.02	69	67	-2	E	3	c	2	81	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.88	64	E	1	o	28.97	+0.08	53	53	0	ENE	2	o	*	68	49	-		

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

Hawes Junction	28.58	64	E	1	o	28.97	+0.39	53	53	0	ENE	2	0	68	49	-			
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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	30.08	64	58	NNW	4	2	Valentia	30.11	70	62	N	2	b
Sumburgh Head	30.02	59	57	WSW	5	4	Scilly	30.06	66	62	NE	4	b
Stornoway	30.04	64	62	SW	1	2	Dover	29.99	71	67	N	3	b
Aberdeen	30.10	65	60	S	1	0	London	30.05	65	63	NE	2	c
Shields	30.12	64	60	E	1	2	Yarmouth	30.08	64	63	NNE	3	c
Ardrossan	30.12	66	61	SW	1	1	Jersey	30.04	68	65	ENE	3	c
Mullaghmore	30.12	65	60	Z	0	0	Rochefort	29.91	74	73	E	4	b
Holyhead	30.12	62	60	NNW	1	1							

*Hardly any change has occurred since the morning.*

† Received too late for insertion in Chart.

### 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.







# DAILY WEATHER REPORT

22<sup>ND</sup> AUGUST

1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 13).			Max.	Min.			
Haparanda	29.77	48	NW	2	b	29.76	+ .05	50	47	- 7	W	4	bc	*	64	43	-		
Hernösand	30.01	59	N	2	c	29.99	00	57	52	- 7	SW	2	bc	*	73	54	-		
Stockholm	29.99	62	E	2	b	30.00	00	?	59	?	ENE	2	bc	*	79	57	-		
Wisby	29.94	61	N	2	b	29.95	- .04	63	61	- 1	Z	0	c	*	72	54	-		
Bodö	29.79	47	SW	8	r	29.86	+ .07	46	43	- 1	SW	6	c	5	50	43	0.12		
Christiansund	30.09	56	N	4	c	30.06	- .01	54	52	- 1	WSW	3	f	3	57	46	0.08		
† Skudesnaes	30.06	58	NW	6	b	30.00	00	58	53	0	NNW	6	b	2	61	57	-		
Oxö (Christiansund)	29.98	64	SSW	2	b	29.97	- .05	62	58	0	N	2	c	1	68	57	-		
Skagen (The Skaw)	29.98	66	ESE	2	b	29.96	- .04	67	64	+ 6	Z	0	b	0	75	57	-		
Fanö	30.08	59	NW	2	c	29.97	- .14	67	60	0	WNW	4	b	*	68	55	-		
Cuxhaven	30.7	69	N	3	b	30.04	- .07	68	66	+ 2	SE	1	a	*	?	61	-		
† Sumburgh Head	30.16	56	N	3	m	30.15	- .03	55	55	- 2	Z	0	f	0	62	62	-		
† Stornoway	30.21	63	E	1	0	30.19	- .01	61	59	0	NNW	2	a	1	65	50	-		
Wick	30.24	61	N	1	bc	30.19	- .03	60	58	- 3	N	2	a	0	66	58	-		
Nairn	30.21	61	E	1	0	30.20	- .01	62	56	+ 2	Z	0	bc	2	69	58	-		
† Aberdeen	30.21	65	Z	0	b	30.20	- .03	60	57	+ 4	N	1	b	0	71	56	-		
Leith	30.20	61	NE	1	b	30.19	- .03	60	58	+ 1	SW	1	c	*	68	52	-		
† Shields	30.20	61	ENE	1	m	30.17	- .05	56	55	- 3	N	1	b	1	65	50	-		
Spurn Head	30.17	?	NNE	3	c	30.13	- .07	61	59	+ 4	NE	2	c	2	61	56	-		
York	30.19	63	E	1	c	30.17	- .05	62	58	+ 4	NE	2	b	*	65	56	-		
Nottingham	30.18	61	NNE	3	0	30.16	- .03	61	?	+ 2	NE	3	c	?	63	57	-		
† Ardrossan	30.16	70	NE	1	c	30.18	- .01	60	57	0	Z	0	of	0	73	55	-		
† Mullaghmore	30.16	69	N	2	b	30.18	- .01	59	57	- 3	E	3	bm	2	72	57	-		
Donaghadee	30.20	60	N	2	b	30.20	- .02	59	57	0	NE	3	b	0	63	52	-		
Parsonstown	30.13	69	SE	2	c	30.16	- .03	56	55	0	NE	1	0	*	71	57	-		
Barrow-in-Furness	30.15	65	SSW	1	bc	30.18	- .02	63	59	+ 2	NE	1	b	1	68	56	-		
† Holyhead	30.12	65	E	3	b	30.13	- .03	61	58	0	E	3	b	0	69	58	-		
Liverpool (Bidston)	30.14	64	E	2	b	30.15	- .05	59	56	- 1	E	1	0	1	67	55	-		
† Valentia	30.12	69	Z	0	bc	30.12	- .03	63	61	- 3	Z	0	bm	1	71	54	-		
Roche's Point	30.12	65	ESE	3	c	30.11	- .02	61	58	+ 1	E	3	bm	3	75	55	-		
Pembroke	30.08	64	ESE	1	c	30.09	- .02	59	56	- 2	ENE	2	b	1	69	55	-		
† Scilly	30.03	64	NE	4	c	30.04	- .02	61	59	- 1	NE	4	c	2	66	59	-		
Prawle Point	29.99	66	NE	4	c	30.01	- .04	59	56	- 2	NE	6	c	5	70	55	-		
Hurst Castle	30.04	70	ESE	4	b	30.01	- .08	62	60	0	ENE	5	b	1	72	59	-		
† Dover	30.00	65	NE	5	b	30.00	- .08	63	62	- 2	ENE	5	c	4	69	63	-		
† London	30.06	69	NE	3	b	30.08	- .04	61	57	- 3	NE	4	c	*	78	59	-		
Oxford	30.10	58	NNE	3	b	30.10	- .05	60	56	+ 1	NE	2	0	*	68	57	-		
Cambridge	30.11	64	NE	1	bc	30.10	- .05	61	58	+ 1	NE	1	c	*	72	57	-		
† Yarmouth	30.12	64	NE	4	b	30.11	- .05	62	59	- 1	NE	4	bc	3	67	60	-		
The Helder	30.08	64	NE	4	b	30.05	- .05	62	57	- 4	NE	2	b	0	68	63	-		
Cape Gris Nez	30.00	64	NE	5	bc	29.97	- .12	65	62	+ 3	ENE	7	c	4	66	61	-		
† Jersey	29.97	65	ENE	3	c	29.95	- .08	63	61	0	NE	3	om	4	66	61	0.03		
Brest	29.93	66	E	4	0	29.96	- .03	60	60	- 2	NNE	4	f	2	73	59	0.32		
Lorient	29.91	62	SSW	3	b	29.87	- .08	63	62	0	E	3	0	1	79	61	3.66		
† Rochefort	29.87	73	WSW	4	0	29.92	- .01	72	65	- 1	NW	4	b	2	82	64	2.44		
Biarritz	29.93	67	W	7	b	29.96	+ .06	67	64	- 3	SSW	1	b	2	77	61	0.32		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	29.98	- .06	60	57	- 3	NE	4	a	*	78	58	-		
Charleville	30.02	71	NNE	1	0	30.00	- .02	64	59	+ 5	ESE	1	0	*	84	55	0.47		
Paris	29.90	76	ENE	4	0	29.92	- .09	65	64	- 2	E	3	0	*	*	*	0.12		
Lyons	29.90	69	N	1	r	29.93	- .05	66	64	+ 3	N	1	0	*	80	60	0.20		
Toulon	29.93	55	SSW	1	m	29.95	- .05	69	69	0	NNW	2	c	?	?	56	-		

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

Hawes Junction	28.95	60	ENE	2	b	28.94	- .03	55	53	+ 2	ENE	2	c	*	65	48	-
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	30.10	62	55	NW	6	b	3	Valentia ...	30.13	67	61	NNE	2	om	3
Sumburgh Head	30.18	60	58	W	3	c	2	Scilly ..	30.06	65	63	ENE	3	o	2
Stornoway ...	30.21	63	61	SE	2	o	1	Dover ...	30.05	68	60	ENE	3	b	2
Aberdeen ...	30.24	66	59	S	1	b	1	London ...	30.08	72	66	ENE	3	bc	*
Shields ...	30.22	64	60	E	1	b	0	Yarmouth ...	30.14	66	63	NNE	3	b	3
Ardrossan ...	30.18	66	62	NW	1	bcf	1	Jersey ...	30.03	64	62	NE	4	om	3
Mullaghmore ...	30.20	69	64	N	2	bm	1	Rochefort ...	29.93	75	72	S	2	r	2
Holyhead ...	30.15	60	63	E	3	b	2								

The barometer is falling a little both over our SE. coasts and at Valentia, and the sky is clearing in many places but no other change worth noting is reported.

## EXPLANATION OF COLUMNS.

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

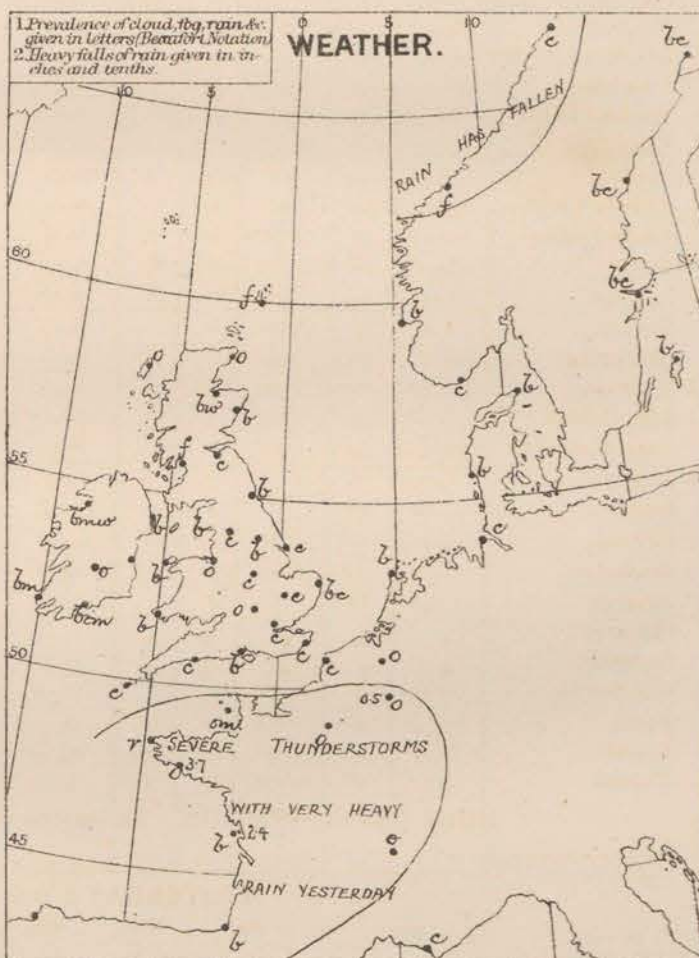
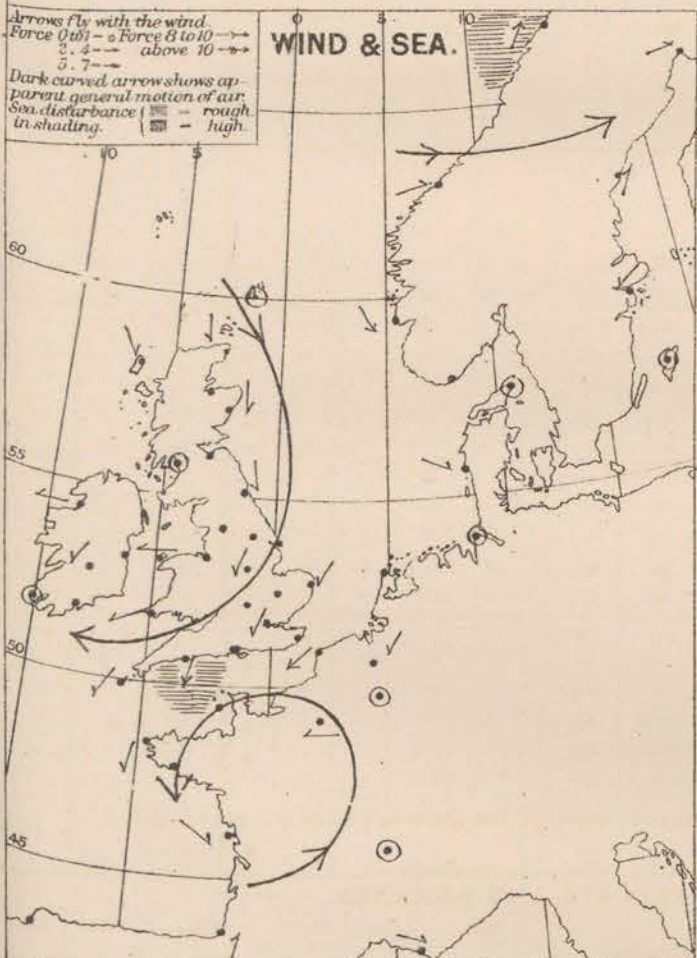
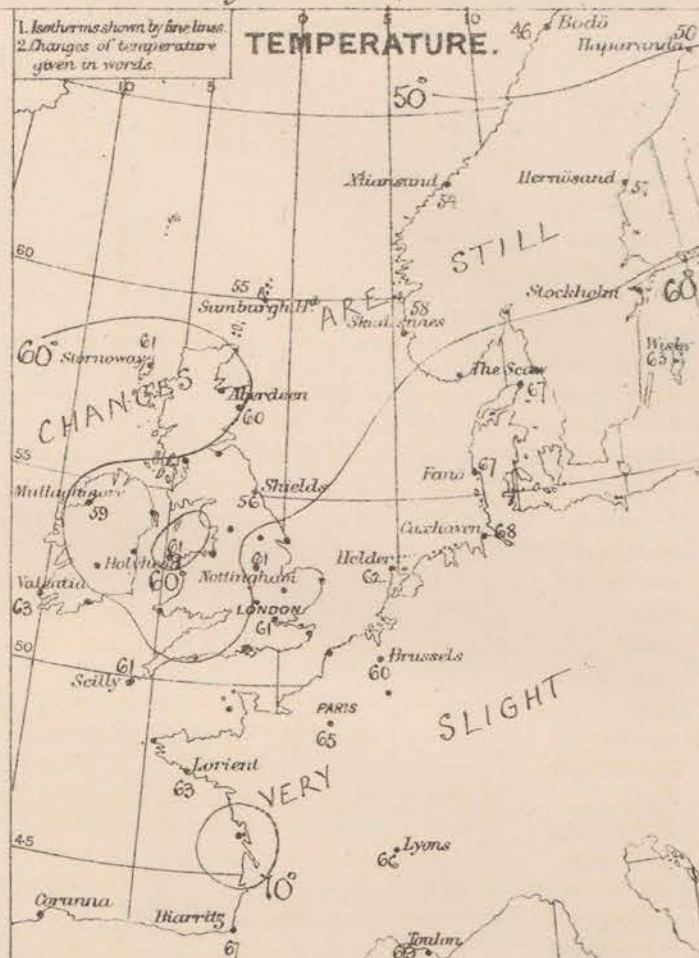
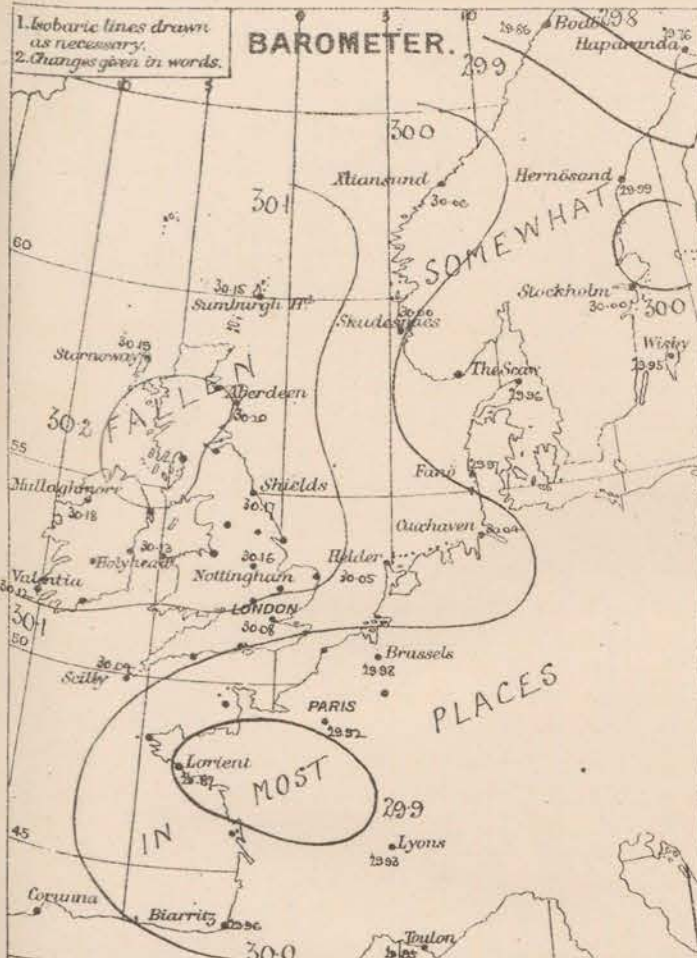
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ 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 22<sup>nd</sup> August 1880.



**REMARKS.** Fine day weather still prevails over the United Kingdom, but is accompanied by a good deal of heavy cloud in some localities. The barometer is still higher at our N<sup>o</sup> stations than in any other part of N<sup>o</sup> Europe, and it consequently happens that while calms and variable air prevail over Scotland, NE breezes are felt over England, Ireland and the greater part of France. Temperature shows very little change in most places, but seems inclined to rise in the N. During yesterday the thermometer rose to a maximum of 71° at Aberdeen, 73° at Helsingfors and 72° to 78° over the inland parts of our SE<sup>o</sup> countries, there was followed by a cool night and in some places by fresh winds from the NE<sup>o</sup>. Over France the weather was much hotter, and violent thunderstorms occurred, accompanied by torrents of rain in some places. The sea is rather rough at Prowler Pt. but is moderate to smooth elsewhere.



# DAILY WEATHER REPORT

23<sup>RD</sup> AUGUST

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.	Sec. (0 to 12).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 12).			Dry.	Wet.				Max.	Min.						
Haparanda	29.82	48	NW	2	b	29.88	+ .08	46	40	— 4	NW	2	b	59	37	—			
Hernösand	29.95	57	Z	0	b	29.99	00	55	52	— 2	NW	2	b	72	02	—			
Stockholm	29.96	61	SW	2	b	29.97	— .02	64	59	?	NNE	2	0	73	57	—			
Wisby	29.99	61	SSE	2	b	29.95	00	66	64	+ 3	W	4	b	70	32	—			
Bodo																			
Christiansund	30.02	60	NNW	2	0	29.98	— .05	54	53	0	VVSH	5	f	59	46	0.35			
† Skudesnaes	30.00	57	NNW	6	b	29.99	— .01	57	54	— 1	NNW	6	c	63	57	—			
Oxö (Ålansund)	29.96	65	SW	2	b	29.95	— .02	60	58	— 2	N	2	b	68	57	—			
Skagen (The Skaw)	29.98	64	Z	0	b	29.97	+ .01	66	63	— 1	Z	0	b	75	57	—			
Fanö	30.00	59	NW	1	c	30.00	+ .03	67	61	0	WSW	1	c	68	57	—			
Cuxhaven	30.11	66	NNW	1	b	30.06	+ .05	66	64	— 2	NNW	1	b	68	57	—			
† Sumburgh Head	30.13	57	NW	3	c	30.11	— .04	56	54	+ 1	NW	2	0	61	51	0.04			
† Stornoway	30.15	60	SE	2	0	30.18	— .01	56	55	— 5	NNE	2	r	66	51	0.01			
Wick	30.13	60	N	1	b	30.17	— .02	55	?	— 5	N	1	om	64	53	—			
Nairn	? 30.19	63	Z	0	b	30.19	— .01	57	54	— 5	WNW	1	c	65	57	—			
† Aberdeen	30.17	60	Z	0	0	30.17	— .03	55	54	— 5	N	2	om	66	54	0.07			
Leith	? 30.17	61	ENE	1	c	30.14	— .05	59	57	— 1	E	1	0	68	57	—			
† Shields	30.16	60	N	2	b	30.14	— .03	57	56	+ 1	NE	2	c	63	54	0.03			
Spurn Head	30.13	60	NNE	3	c	30.12	— .01	59	56	— 2	ENE	4	c	66	56	0.01			
York	30.14	58	NNE	2	b	30.14	— .03	60	56	— 2	NE	1	0	68	54	—			
Nottingham	30.14	63	NNE	3	b	30.12	— .04	60	56	— 1	NE	2	c	71	55	—			
† Ardrossan	30.15	63	N	1	0	30.14	— .04	61	58	+ 1	ESE	1	of	67	57	—			
† Mullaghmore	30.15	67	ESE	2	b	30.16	— .02	61	59	+ 2	SW	1	om	70	59	—			
Donaghadee	30.18	60	N	1	c	30.17	— .03	59	58	0	E	1	c	65	57	—			
Parsonstown	30.13	64	NE	1	b	30.15	— .01	55	55	— 1	N	1	0	68	50	—			
Barrow-in-Furness	30.14	66	?	2	c	30.16	— .02	57	55	— 6	NE	1	b	71	54	—			
† Holyhead	30.13	62	NE	3	bm	30.13	00	60	58	— 1	E	3	b	66	57	—			
Liverpool (Bilston)	30.12	64	N	1	c	30.14	— .01	57	54	— 2	NE	1	0	67	55	—			
† Valentia	30.09	64	WSW	2	om	30.10	— .02	63	58	0	NE	1	bm	72	55	0.76			
Roche's Point	30.12	66	ESE	2	b	30.08	— .03	62	59	+ 1	E	4	om	73	55	—			
Pembroke	30.08	64	ENE	3	0	30.08	— .01	59	56	0	E	3	c	66	56	—			
† Scilly	30.04	62	NNE	3	c	29.99	— .05	60	58	— 1	NE	5	0	66	59	—			
Prawle Point	30.00	64	NE	2	c	29.99	— .02	56	55	— 3	NE	5	0	70	55	—			
Hurst Castle	30.01	68	ESE	4	c	30.01	00	60	58	— 2	ENE	5	c	70	57	—			
† Dover	? 30.01	63	NE	5	b	30.01	+ .01	63	60	0	NE	3	b	67	61	—			
† London	30.05	73	ENE	3	b	30.06	— .02	59	56	— 2	NE	3	0	73	56	—			
Oxford	30.10	60	ENE	1	b	30.07	— .03	56	55	— 4	NE	1	ag	68	53	—			
Cambridge	30.07	64	NE	1	b	30.08	— .02	59	57	— 2	NE	1	0	69	55	0.01			
† Yarmouth	30.09	63	NNE	3	b	30.08	— .03	62	58	0	ENE	2	b	66	57	—			
The Helder	30.07	61	NE	1	b	30.06	+ .01	62	58	0	NE	1	b	66	59	—			
Cape Gris Nez	30.00	64	NE	7	c	30.01	+ .04	61	60	— 4	NE	4	c	66	61	—			
† Jersey																			
Brest	29.93	62	NE	4	a	29.90	— .06	64	61	+ 1	SE	4	0	75	59	0.20			
Lorient	29.88	66	WSW	4	c	29.94	+ .06	63	60	0	SSW	1	c	73	61	—			
† Rochefort	29.94	71	NW	5	b	29.96	+ .02	66	64	— 6	SE	4	c	75	61	—			
Biarritz	29.95	71	W	3	0	29.93	— .02	65	63	— 2	WSW	4	0	73	63	—			
Corunna																			
Brussels						30.00	+ .02	58	56	— 2	NE	3	0	76	55	—			
Charleville	29.94	64	ENE	1	b	29.98	— .02	61	58	— 3	E	1	m	84	57	—			
Paris	29.94	70	NNE	4	0	29.97	+ .05	69	64	+ 4	ENE	1	b	*	*	0.08			
Lyons	29.95	65	N	1	c	30.00	+ .07	60	60	— 6	N	4	f	80	56	0.25			
Toulon	29.91	73	WSW	4	b	29.95	00	75	66	+ 6	Z	0	b	77	66	—			

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

Hawes Junction	28.92	58	ENE	3	c	28.91	— .03	53	51	— 2	ENE	1	0	64	49	—			
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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 ...	30.00	62	56	NNW	7	bm	3	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...							
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	29.95	75	69	NW	5	b	2
Holyhead ...															

## EXPLANATION OF COLUMNS.

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

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

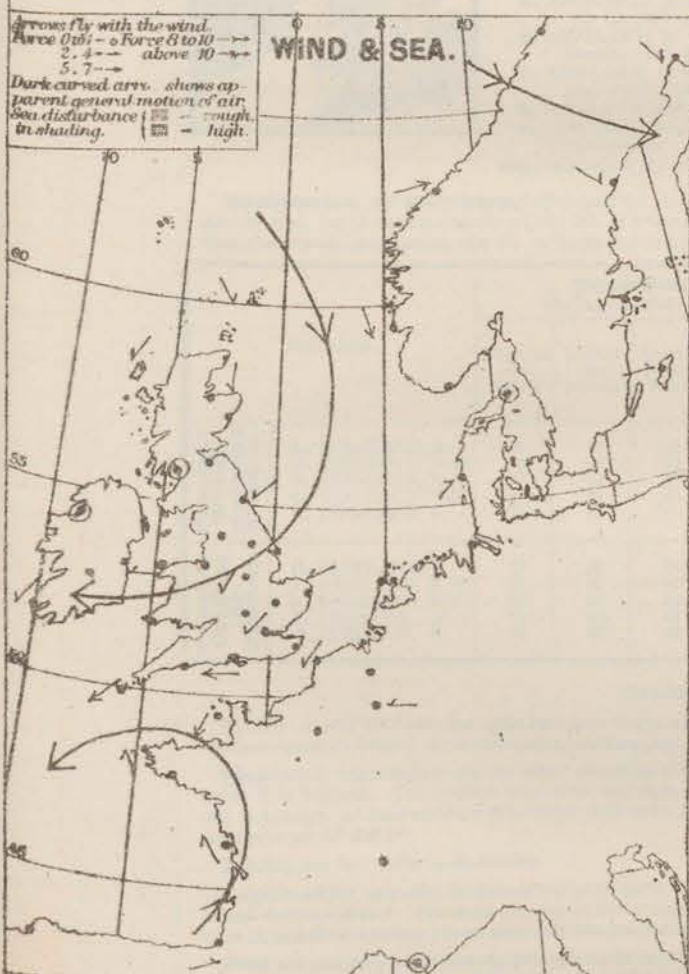
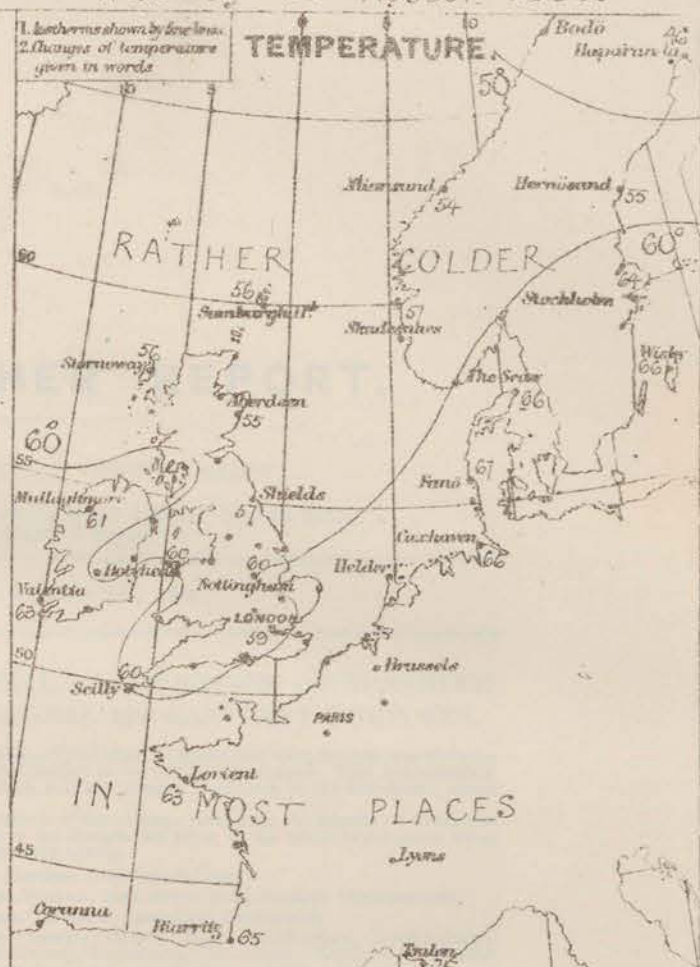
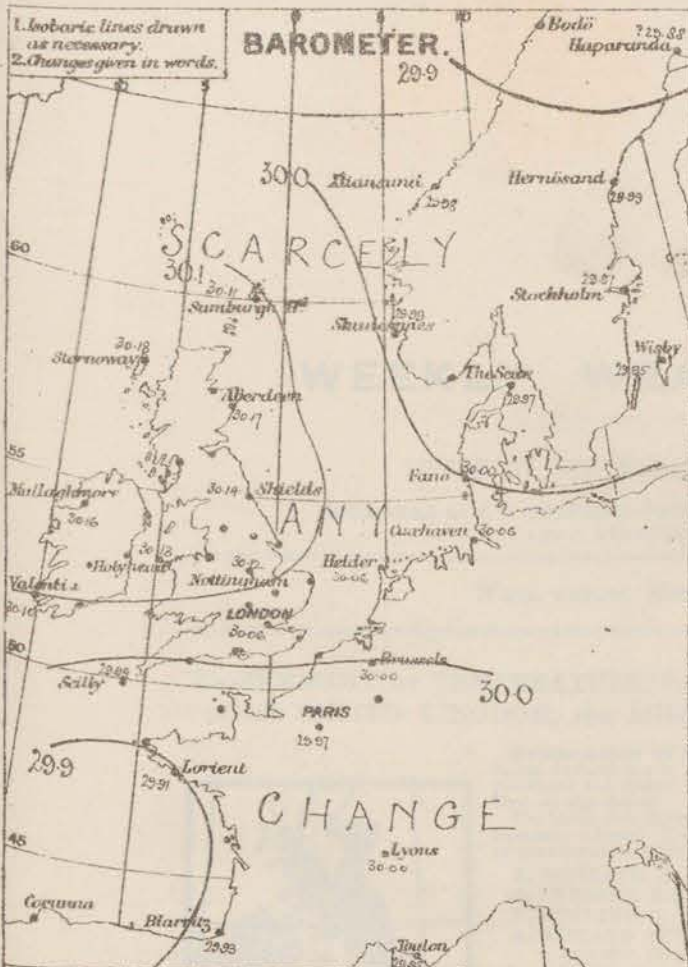
† The evening observations are taken at 8 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ 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 Monday 23<sup>rd</sup> August 1880.



**REMARKS.** The distribution of pressure over the United Kingdom is about exactly the same as that which prevailed yesterday. The area of high pressure, in which readings vary from 30.1 in. to 30.2 in., lies over all our N<sup>w</sup> districts, while a shallow depression is found over the Bay of Biscay, and apparently a secondary depression over France. N<sup>e</sup> breezes consequently prevail on all our coasts, and blow rather fresh at the Channel stations, while S<sup>e</sup> winds are blowing in the N. of France and a N<sup>e</sup> breeze at Plymouth. Temperature has again decreased in most places and is low generally, the present readings varying from 55° to 59° over the major part of Great Britain, and from 60° to 62° on our S<sup>e</sup> coasts. A maximum of 73° was recorded at London yesterday, but this was several degrees higher than that at any of our stations. Slight rain has fallen at several of our N<sup>w</sup> stations. At Victoria three quarters of an inch fell during a thunderstorm yesterday afternoon, and similar storms were also super-seeded at other parts of the coast, but the rain was not nearly so heavy. The sky is now very cloudy and dull except on parts of our N<sup>w</sup> coast. The sea is moderate in the Channel and at Spurn Head, smooth elsewhere.

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Post 6d.

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



# DAILY WEATHER REPORT 24<sup>th</sup> AUGUST 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	29.78	54	SW	2	o	29.79	— 0.09	48	46	+ 2	NN	2	b	*	55	46	—		
Hernösand	29.98	56	L	6	bc	30.00	+ 0.01	60	53	+ 5	NNN	4	c	*	72	48	—		
Stockholm	29.96	62	S	2	b	29.94	— 0.03	60	62	+ 2	W	2	b	*	73	55	—		
Wisby	29.94	63	SE	2	b	29.97	+ 0.02	65	63	— 1	SE	2	b	*	72	?	—		
Bodö	29.83	49	N	6	c	29.90		48	44		NN	4	c	2	50	45	0.04		
Christiansand	30.02	54	WST	2	o	30.04	+ 0.06	55	53	+ 1	L	0	e	0	57	46	0.04		
† Skudesnaes	29.99	57	NNN	6	b	29.99	00	57	53	0	NNN	6	c	3	?	57	—		
Oxö (Xiensund)	29.93	63	SW	4	m	29.92	— 0.03	59	57	— 1	NNN	2	b	1	68	55	—		
Skagen (The Skaw)	29.97	61	WST	2	b	29.97	00	61	58	— 5	WST	2	b	0	73	54	—		
Fanö	30.04	59	L	0	c	30.02	+ 0.02	63	57	— 4	W	2	c	*	70	57	—		
Cuxhaven	30.15	66	N	1	b	30.06	00	65	63	— 1	NE	2	b	*	66	61	—		
† Sumburgh Head	30.06	55	NNN	2	o	30.13	+ 0.02	55	54	— 1	NN	1	o	0	59	53	—		
† Stornoway	30.17	59	NE	2	o	30.16	— 0.02	58	54	+ 2	E	1	o	1	62	54	—		
Wick	30.18	57	N	1	o	30.18	+ 0.01	57	54	+ 2	N	1	o	0	60	53	—		
Nairn	30.18	60	L	0	bc	30.18	— 0.01	55	53	— 2	L	0	d	0	66	55	—		
† Aberdeen	30.17	60	N	1	o	30.18	+ 0.01	57	53	+ 2	NNN	1	o	1	60	54	—		
Leith	30.16	59	E	1	o	30.17	+ 0.03	58	53	— 1	E	1	o	*	63	55	0.02		
† Shields	30.13	58	NE	2	c	30.14	00	58	56	+ 1	NE	2	cd	2	61	54	0.07		
Spurn Head	30.10	61	NNE	3	bc	30.10	— 0.02	59	56	0	NNE	2	bc	1	64	56	—		
York	30.12	62	NE	1	o	30.12	— 0.02	58	58	— 2	N	1	o	*	65	55	0.08		
Nottingham	30.09	59	ENE	3	b	?	?	60	57	0	ENE	1	o	*	66	52	—		
† Ardrossan	30.14	62	L	0	cm	30.16	+ 0.02	59	54	— 2	ESE	1	cm	1	65	55	—		
† Mullaghmore	30.11	65	N	3	bc	30.13	— 0.03	60	58	— 1	E	4	og	3	70	60	—		
Donaghadee	30.14	61	ENE	2	c	30.16	— 0.01	60	56	+ 1	E	3	b	1	66	55	—		
Parsonstown	30.10	65	NE	1	bc	30.11	— 0.04	57	56	+ 2	NE	1	c	*	68	50	—		
Barrow-in-Furness	30.12	64	NE	1	o	30.16	00	58	55	+ 1	NE	1	o	1	65	55	—		
† Holyhead	30.10	61	NE	3	bc	30.10	— 0.03	59	57	— 1	ENE	2	o	2	64	57	—		
Liverpool (Bishopstn)	30.08	62	ENE	1	b	30.11	— 0.03	57	55	0	ENE	1	m	1	64	53	—		
† Valentia	30.06	66	NNE	4	o	30.04	— 0.06	62	57	— 1	L	0	bm	1	72	58	—		
Roche's Point	30.09	66	SE	4	bc	30.05	— 0.03	60	57	— 2	E	4	c	4	71	54	—		
Pembroke	30.03	63	ENE	1	c	? 30.05	— 0.03	57	54	— 2	E	3	o	2	66	56	—		
† Scilly	29.98	61	ENE	4	o	29.98	— 0.01	62	61	+ 2	ESE	5	o	4	62	58	0.05		
Prawle Point	29.98	60	NE	4	o	30.01	+ 0.02	57	56	+ 1	NE	4	o	4	62	55	0.02		
Hurst Castle	29.99	64	ENE	4	o	30.03	+ 0.02	58	57	— 2	ENE	4	o	2	65	57	0.05		
† Dover	29.98	63	NE	4	b	30.00	— 0.01	63	61	0	ENE	4	cg	3	67	61	—		
† London	30.02	66	NE	2	o	30.05	— 0.01	60	57	+ 1	NE	2	o	*	68	55	—		
Oxford	30.06	57	NE	1	b	30.07	00	55	53	— 1	NE	1	c	*	64	49	—		
Cambridge	30.05	63	NE	1	c	30.07	— 0.01	59	57	0	NE	1	b	*	69	45	—		
† Yarmouth	30.05	62	NE	3	b	30.06	— 0.02	61	57	— 1	NE	2	b	2	67	44	—		
The Helder	30.04	62	NE	1	b	30.04	— 0.02	64	60	+ 2	ENE	1	bc	2	68	61	—		
Cape Gris Nez	29.99	62	NE	7	c	29.99	— 0.01	65	63	+ 4	NE	4	c	2	70	43	—		
† Jersey	29.96	67	NE	2	b	30.00	+ 0.03	63	62	0	ENE	2	cm	0	71	60	—		
Brest	29.97	69	L	0	b	? 30.01	+ 0.11	60	59	— 1	SE	3	o	2	72	59	—		
Lorient	29.91	69	NN	1	b	29.96	+ 0.05	62	60	— 1	E	1	bc	1	72	59	—		
† Rochefort	29.94	68	NNN	4	o	29.99	+ 0.03	67	65	+ 1	L	0	bc	4	77	50	0.08		
Biarritz	29.98	70	W	4	bc	29.97	+ 0.04	63	60	— 2	ESE	4	bc	2	75	59	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.97	— 0.03	61	60	+ 3	NE	3	c	*	78	?	0.08		
Charleville	29.95	64	E	4	o	29.95	— 0.03	63	58	+ 2	E	1	b	*	79	57	0.08		
Paris	29.92	72	ENE	1	b	29.98	+ 0.01	66	62	— 3	NE	1	b	*	*	*	—		
Lyons	29.85	71	W	1	r	29.99	— 0.01	63	61	+ 3	SSE	1	c	*	82	58	0.16		
Toulon	29.92	73	S	1	b	29.99	+ 0.04	67	60	— 8	NN	4	b	0	82	59	0.32		

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

Hawes Junction	29.89	57	E	1	o	29.89	— 0.02	54	53	+ 1	ENE	3	o	60	51	—		
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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 ...	29.98	62	56	NNW	8	bc	3	Valentia ...	30.08	69	62	NE	3	cm	4
Sumburgh Head	30.12	57	54	NNW	3	o	2	Scilly ...	29.99	60	58	NE	5	o	4
Stornoway ...	30.19	59	55	NE	2	o	1	Dover ...	30.02	66	61	ENE	4	b	3
Aberdeen ...	30.18	59	57	NNE	1	o	1	London ...	30.04	65	60	NE	3	o	*
Shields ...	30.15	59	57	NE	2	cm	0	Yarmouth ...	30.08	66	60	NE	2	b	2
Ardrossan ...	30.15	64	60	SW	1	cm	0	Jersey ...	29.97	68	? 65	E	1	c	1
Mullaghmore ...	30.15	65	59	L	o	bm	0	Rochefort ...	29.93	70	68	NNW	5	r	2
Holyhead ...	30.13	? 63	58	ENE	3	c	2								

*No important change since the morning.*

## EXPLANATION OF COLUMNS.

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

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

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

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

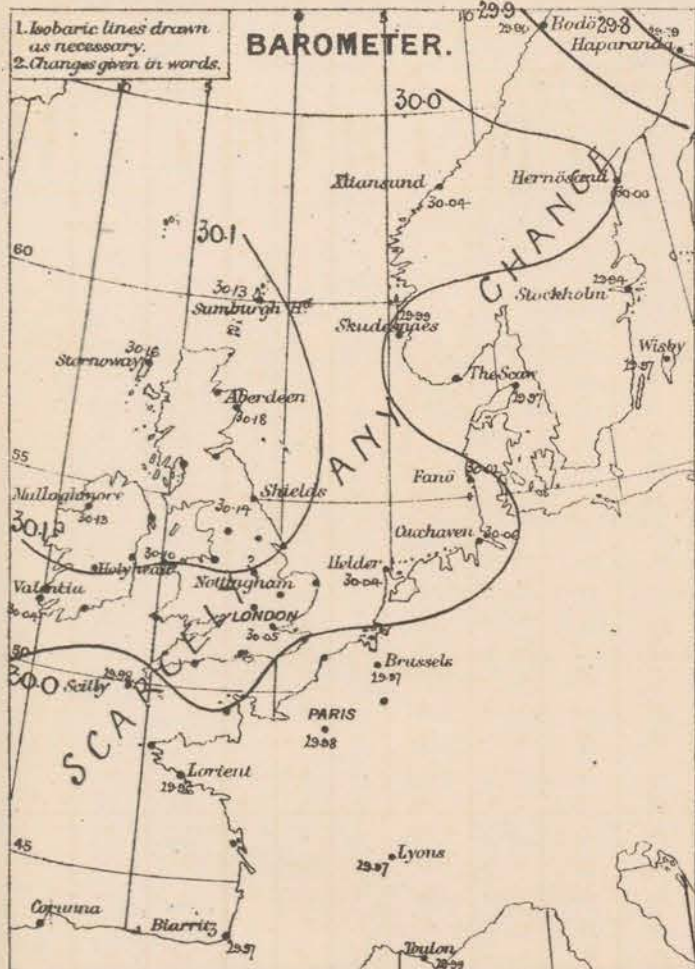
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Tuesday 24<sup>th</sup> August, 1880.

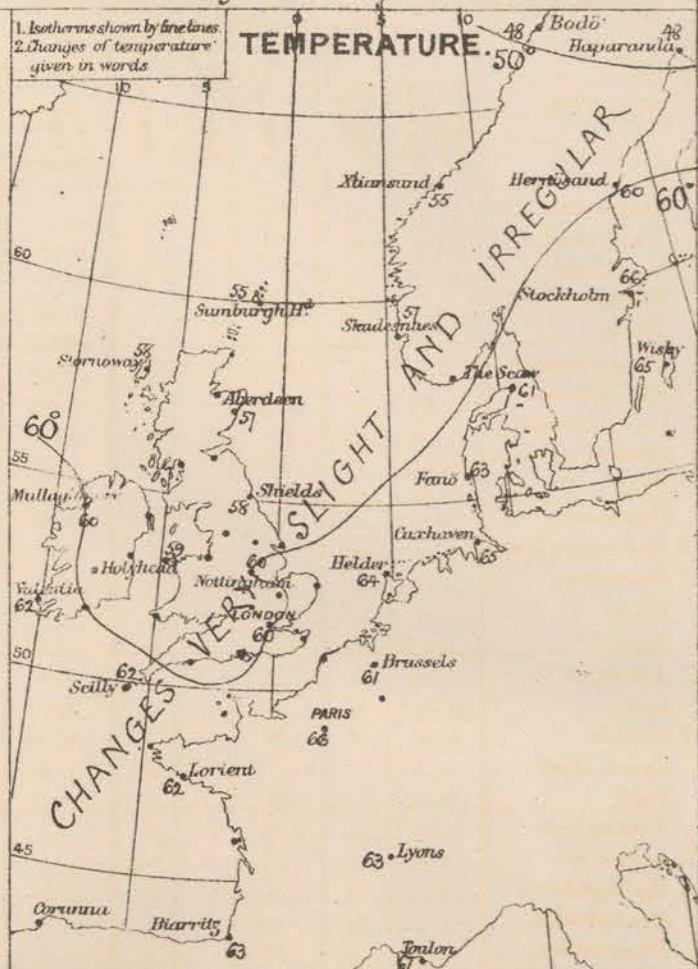
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



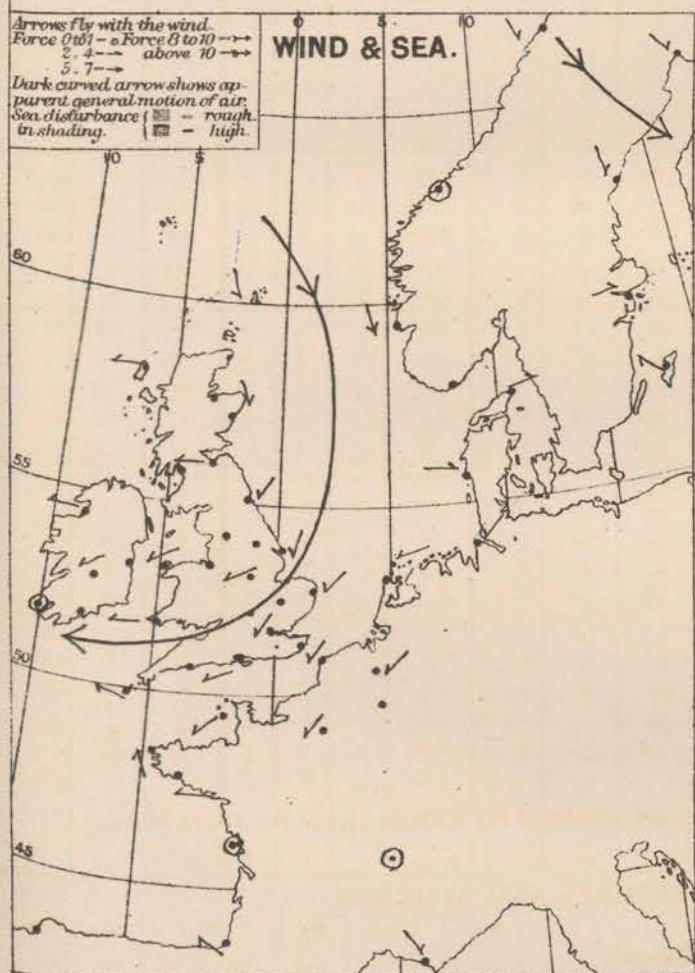
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



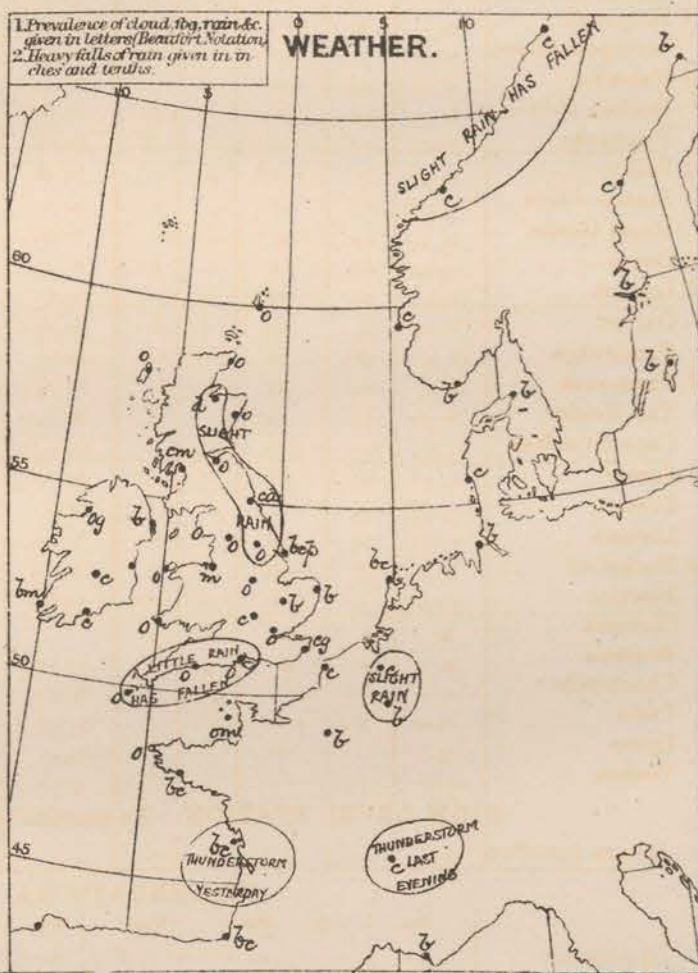
Arrows fly with the wind.  
Force 0-10 - Force 3 to 10 -  
2, 4 - above 10 -  
5, 7 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance ( ) - rough in shading. ( ) - high.

## WIND & SEA.



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

## WEATHER.



**REMARKS.** Hardly any change has occurred in the general distribution of pressure over NW Europe, the highest readings being still reported from the N. of our Islands, and the lowest from the Bay of Biscay and from the N. of Sweden. The gradients are slight on all our coasts, and as a result it is found that the NE<sup>2</sup> and E<sup>2</sup> winds over our Islands and France, as well as the NW breezes over Scandinavia are all light or moderate in force. Temperature remains low for the season, the readings varying from 55° to 61° over Great Britain, and from 57° to 62° in Ireland. The maximum values yesterday varied from 68° to 72° in Ireland, and from 65° to 69° over the greater part of England. In Sweden the maximum was about 72° yesterday. A little rain has fallen on our Southwestern coasts, and thunderstorms were experienced in some parts of France. A great deal of cloud still prevails over Great Britain, and very slight rain is now falling at some of our N<sup>2</sup> and NE<sup>2</sup> stations; elsewhere the weather is dry, and in Ireland it is partially clear. The sea is moderate in the Channel, smooth at Holyhead, and on our E<sup>2</sup> and N<sup>2</sup> coasts also.

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 25 AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 13).			Max.	Min.			
Haparanda	29.96	42	Z	0	b	30.15	+ .36	44	41	- 4	N.	2	b	*	57	32	-		
Hernösand	30.02	52	Z	10	b	30.20	+ .20	42	44	- 8	N	2	b	*	68	48	-		
Stockholm	30.01	61	NNE	2	o	30.11	+ .17	63	55	- 8	NE	2	b	*	74	57	-		
Visby	29.95	68	NNW	2	b	30.01	+ .04	64	58	+ 1	ENE	2	c	*	72	54	-		
Bodö	30.07	44	NW	2	o	30.18	+ .28	45	39	- 3	Z	0	b	0	68	39	-		
Christiansund	30.07	54	NE	5	b	30.10	+ .06	54	50	- 1	E	1	b	2	59	41	-		
Skudesnaes	29.99	56	NNW	4	b	30.04	+ .05	57	54	- 0	NNW	3	b	2	61	55	-		
Oxö (Xlansund)	29.96	63	E	2	b	30.06	+ .14	63	58	+ 4	ENE	4	c	2	68	61	-		
Skagen (The Skaw)	30.01	59	Z	0	b	30.08	+ .11	61	57	0	WSW	2	c	0	73	62	-		
Fanö	30.05	61	W	1	c	30.07	+ .05	65	59	+ 2	Z	0	c	*	68	57	-		
Cuxhaven	30.10	67	N	2	b	30.07	+ .03	65	64	- 0	E	2	b	*	7	61	-		
Sumburgh Head	30.13	55	NNE	1	o	30.14	+ .01	54	51	- 1	NNE	2	o	1	58	50	-		
Stornoway	30.12	60	ENE	4	c	30.08	- .08	59	57	+ 1	SE	2	c	2	64	54	-		
Wick	30.17	59	Z	0	o	30.13	- .05	57	56	0	E	2	o	0	61	51	-		
Nairn	30.15	59	Z	0	c	30.11	- .07	63	53	+ 1	Z	0	b	1	62	54	0.01		
Aberdeen	30.16	59	NNE	1	o	30.14	- .04	57	55	- 0	Z	0	o	1	62	53	-		
Leith	30.14	58	ESE	1	o	30.11	- .06	61	55	+ 3	ESE	1	b	*	261	53	-		
Shields	30.12	59	NE	2	o	30.12	- .02	58	56	0	NNE	1	c	2	61	53	0.09		
Spurn Head	30.10	59	NE	2	b	30.09	- .01	62	58	+ 3	ENE	3	b	2	64	50	-		
York	30.11	60	ENE	1	o	30.11	- .01	58	56	0	ESE	2	b	*	68	54	-		
Nottingham	30.09	62	ENE	2	b	30.09	?	61	59	+ 1	NE	2	o	*	70	52	-		
Ardrossan	30.12	61	E	2	cm	30.09	- .07	58	54	- 1	E	3	cm	2	65	54	-		
Mullaghmore	30.07	62	ESE	4	ogm	30.01	- .12	60	58	0	ESE	5	o	3	60	58	-		
Donaghadee	30.12	60	NE	2	o	30.09	- .07	57	56	- 3	E	3	o	1	64	54	-		
Parsonstown	30.04	62	E	1	o	30.00	- .11	59	57	+ 2	SE	1	o	*	67	54	-		
Barrow-in-Furness	30.11	62	NE	1	b	30.11	- .05	57	55	- 1	NE	1	b	2	65	52	-		
Holyhead	30.05	61	E	3	c	30.03	- .07	59	57	0	E	3	c	2	63	57	-		
Liverpool (Bidston)	30.06	64	ESE	1	c	30.07	- .04	58	55	+ 1	E	2	c	1	66	53	-		
Valentia	29.99	62	E	3	cm	29.92	- .12	63	60	+ 1	E	2	c	3	68	58	-		
Roche's Point	30.04	62	E	4	c	29.95	- .10	63	62	+ 3	ESE	4	o	3	65	59	0.15		
Pembroke	30.02	62	ENE	1	o	29.96	- .09	59	57	+ 2	E	4	c	2	65	57	0.13		
Scilly	29.98	61	ESE	4	om	29.94	- .04	61	61	+ 1	ESE	4	om	2	62	59	0.02		
Prawle Point	29.99	61	ENE	3	m	29.95	- .06	59	59	+ 2	ENE	4	f	4	62	57	-		
Hurst Castle	30.00	67	E	2	c	29.99	- .01	60	59	+ 2	E	2	o	1	67	58	-		
Dover	30.00	64	NE	4	b	29.99	- .01	62	62	- 1	NE	3	c	2	68	62	0.12		
London	30.02	67	NE	2	o	30.02	- .03	61	58	+ 1	E	4	o	*	69	57	0.02		
Oxford	30.05	62	ENE	3	o	30.03	- .04	58	57	+ 3	NE	2	o	*	68	54	-		
Cambridge	30.05	63	NNE	1	c	30.05	- .02	60	58	+ 1	NNE	1	o	*	71	50	-		
Yarmouth	30.04	60	NNE	2	b	30.05	- .01	62	59	+ 1	NE	3	b	3	67	45	-		
The Helder	30.04	64	NE	2	b	30.04	- .00	64	61	0	ENE	2	b	2	68	63	-		
Cape Gris Nez	29.98	64	NE	4	b	29.97	- .02	64	63	- 1	NE	4	o	3	70	59	-		
Jersey	30.00	62	E	2	cm	29.97	+ .03	62	61	- 1	ENE	1	om	1	69	60	-		
Brest	29.99	64	NE	1	o	29.90	- .11	59	59	- 1	ESE	4	m	3	72	57	-		
Lorient	29.95	67	NW	1	b	29.87	- .09	63	60	+ 1	E	4	c	1	73	57	-		
Rochefort	29.96	72	NNW	4	b	29.89	- .10	67	64	0	SE	5	b	2	81	63	-		
Biarritz	29.89	82	E	5	b	29.85	- .12	69	64	+ 4	WSW	5	o	2	86	59	-		
Coranna	*	*	*	*	*	29.82		68	*		?	?	o	1	*	*	*		
Brussels	*	*	*	*	*	29.98	+ .01	66	63	+ 5	Z	c	b	*	77	57	0.04		
Charleville	29.96	64	ENE	1	b	30.01	+ .06	65	59	+ 2	SE	1	b	*	67	55	-		
Paris	29.95	73	NE	1	o	30.01	+ .03	66	61	0	SSE	1	b	*	*	*	-		
Lyons	29.97	70	NNW	1	b	30.04	+ .05	58	55	- 5	N	1	f	*	76	55	-		
Toulon																			

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

Hawes Junction	29.88	55	NE	2	o	29.87	- .02	53	52	- 1	ENE	2	c	*	57	53	-
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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 ...	29.99	60	55	NW	8	b	3	Valentia ...	30.02	66	59	N	3	o	4
Sumburgh Head	30.15	59	55	W	2	c	0	Scilly ...	29.98	62	61	E	5	om	4
Stornoway ...	30.14	62	55	E	3	c	2	Dover ...	30.01	67	62	NE	4	b	3
Aberdeen ...	30.17	60	56	N	1	o	1	London ...	30.04	67	61	NE	2	o	*
Shields ...	30.14	61	58	NE	4	c	3	Yarmouth ...	30.07	66	60	NE	2	b	2
Ardrossan ...	30.14	64	57	E	2	cm	1	Jersey ...	30.01	66	64	ENE	1	om	1
Mullaghmore ...	30.11	64	60	ESE	4	o	3	Rochefort ...	29.99	79	71	WSW	1	b	5
Holyhead ...	30.08	63	58	E	3	o	2								

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 (low); n. no wind; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, aerial transparency; w. dew.  
 \* AN ASTRON 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 26<sup>th</sup> August 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.25	38	Z	0	b		30.28	+ 13	50	47	+ 6	S	2	c	*	54	34	—	
Hernösand	30.31	46	Z	0	b		30.38	+ 18	54	50	+ 2	SE	2	b	*	66	37	—	
Stockholm	30.25	55	ENE	2	b		30.34	+ 23	58	51	- 5	NNE	2	b	*	68	34	—	
Wisby	30.10	59	NE	4	c		30.21	+ 20	60	54	- 4	ENE	2	b	*	70	54	—	
Bodo																			
Christiansund	30.09	57	NE	2	b		30.15	+ 05	58	55	+ 4	SW	2	b	1	61	34	—	
† Skudesnaes	30.10	61	ESE	2	o		30.12	+ 08	63	58	+ 6	ESE	2	c	2	66	?	—	
Oxö (Xiansund)	30.12	64	ENE	4	c		30.15	+ 09	64	62	+ 1	NE	4	c	2	60	61	—	
Skagen (The Skaw)	30.12	66	SE	2	b		30.19	+ 11	66	63	+ 5	S	3	c	1	72	57	—	
Fanö	30.09	62	NE	2	b		30.09	+ 02	?	64	?	ESE	4	b	*	68	59	—	
Cuxhaven	30.12	74	ENE	2	b		30.08	+ 01	67	64	+ 2	SE	3	m	*	?	63	—	
† Sumburgh Head	30.12	56	NE	2	b		30.08	- 06	55	53	+ 1	E	1	o	2	60	51	0.06	
† Stornoway	30.02	60	SE	3	b		29.96	- 12	60	56	+ 1	NE	1	b	1	66	54	—	
Wick	30.07	56	SE	3	o		30.04	- 09	57	55	0	S	3	c	2	62	54	—	
Nairn	30.05	60	Z	0	b		30.02	- 09	61	55	+ 5	Z	0	b	0	64	57	—	
† Aberdeen	30.10	59	SE	1	c		30.07	- 07	58	56	+ 1	SSE	1	d	1	63	54	0.03	
Leith	30.07	58	SE	1	o		30.03	- 08	57	54	- 4	SE	1	o	*	62	50	0.02	
† Shields	30.07	59	E	1	b		30.01	- 11	59	57	+ 1	E	2	o	3	62	55	0.04	
Spurn Head	30.06	59	ENE	3	c		29.95	- 14	60	59	- 2	ENE	4	m	3	64	57	—	
York	30.01	62	E	2	o		29.99	- 12	60	58	+ 2	ENE	2	o	*	64	51	—	
Nottingham	30.04	63	ENE	3	o		29.96	- 13	59	58	- 2	N	3	of	*	70	56	—	
† Ardrossan	30.01	62	E	2	c		29.99	- 10	58	56	0	ENE	1	cm	1	65	55	—	
† Mullaghmore	29.93	64	SE	5	o		29.89	- 12	61	59	+ 1	SE	2	ogm	2	66	59	—	
Donaghadee	30.02	60	E	3	b		29.99	- 10	58	56	+ 1	E	3	o	1	64	57	—	
Parsonstown	29.94	62	SE	2	o		29.90	- 10	61	60	+ 2	SE	1	o	*	64	58	0.07	
Barrow-in-Furness	30.03	64	ENE	3	o		29.99	- 12	59	56	+ 2	NE	2	c	2	68	55	—	
† Holyhead	29.97	63	Z	0	c		29.94	- 09	61	60	+ 2	E	2	o	1	66	58	—	
Liverpool (Blisdon)	29.99	64	ESE	2	o		29.95	- 12	59	56	+ 1	E	2	o	1	69	58	—	
† Valentia	29.87	62	SSE	5	cm		29.83	- 09	63	60	0	SE	4	o	4	68	61	0.04	
Roche's Point	29.92	63	SE	3	o		29.85	- 10	63	61	0	SE	3	c	4	69	61	—	
Pembroke	29.93	63	ESE	3	o		29.88	- 08	61	59	+ 2	ESE	3	o	2	63	58	—	
† Scilly	29.91	61	ESE	3	o		29.87	- 07	62	61	+ 1	Z	0	o	2	64	54	—	
Prawle Point	29.91	60	E	3	m		29.85	- 10	60	60	+ 1	ENE	3	m	3	62	57	0.37	
Hurst Castle	29.93	65	E	2	c		29.88	- 11	63	62	+ 3	E	2	cm	1	68	60	0.08	
† Dover	29.93	65	NE	3	b		29.88	- 11	63	62	+ 1	N	1	cm	0	68	62	0.06	
† London	29.97	63	NE	2	ogd		29.91	- 11	64	62	+ 3	E	1	o	*	65	60	—	
Oxford	29.98	61	NE	1	o		29.90	- 13	60	60	+ 2	NE	1	od	*	63	58	0.01	
Cambridge	29.99	61	NE	1	o		29.91	- 14	61	60	+ 1	N	1	o	*	67	58	0.36	
† Yarmouth	29.99	62	ENE	3	c		29.96	- 09	63	62	+ 1	Z	0	c	3	64	60	0.06	
The Helder	29.99	66	ENE	2	b		29.94	- 10	68	65	+ 4	E	1	b	0	68	64	—	
Cape Gris Nez	29.95	64	NE	3	m		29.89	- 08	64	60	0	SSE	1	m	0	72	61	0.68	
† Jersey	29.90	64	ENE	2	c		29.90	- 07	64	63	+ 2	SW	2	og	3	72	60	0.10	
Brest	29.88	63	NNW	3	b		29.91	+ 01	56	56	- 3	NE	2	f	5	70	55	0.35	
Lorient	30.00	71	S	3	b		29.87	00	65	64	+ 2	WSW	3	b	1	73	61	0.55	
† Rochefort	29.88	75	SSW	5	b		29.90	+ 01	67	66	0	SW	7	b	4	81	63	0.04	
Biarritz																			
Corunna	*	*	*	*	*				*							*	*	*	
Brussels	*	*	*	*	*		29.91	- 07	69	64	+ 3	SE	1	b	*	81	64	—	
Charleville	29.96	74	SSE	1	b		29.95	- 06	62	59	- 3	SE	1	m	*	80	54	—	
Paris	29.92	74	NE	1	b		29.95	- 06	67	64	+ 1	NE	3	o	*	*	*	0.12	
Lyons	29.92	73	E	1	b		29.97	- 07	64	63	+ 0	SSE	1	f	*	83	62	—	
Toulon	30.06	74	Z	0	b		30.01	- 05	69	64		E	5	b	2	79	64	?	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.82	50	ENE	1	o		28.76	- 11	55	53	+ 2	E	4	cu	*	59	50	—	

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

Hawes Junction	28.82	50	ENE	1	o		28.76	- 11	55	53	+ 2	E	4	cu	*	59	50	—
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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 ...	20.08	66	59	NNW	2	c	3	Valentia ...	29.90	67	62	SSE	4	c	5
Sumburgh Head	30.13	58	54	NE	3	b	2	Scilly ...	29.93	62	61	ESE	4	o	2
Stornoway ...	30.05	62	58	SE	3	b	3	Dover ...	29.92	65	63	ENE	3	o	2
Aberdeen ...	30.12	60	55	ESE	1	b	1	London ...	30.00	64	61	E	2	o	*
Shields ...	30.09	60	57	E	1	b	3	Yarmouth ...	30.03	61	60	ENE	4	c	3
Ardrossan ...	30.06	64	57	E	2	c	1	Jersey ...	29.95	69	66	E	1	cmg	1
Mullaghmore ...	29.97	64	60	SE	5	ogm	4	Rochefort ...	29.88	77	71	S	5	o	2
Holyhead ...	30.02	64	60	W	2	b	1								

Pressure is decreasing slowly on all coasts, and the wind has veered to SE over Ireland, with a continuation of dull, close weather both there and in the south of England. In the north and east the weather is fine.

### EXPLANATION OF COLUMNS.

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

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

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

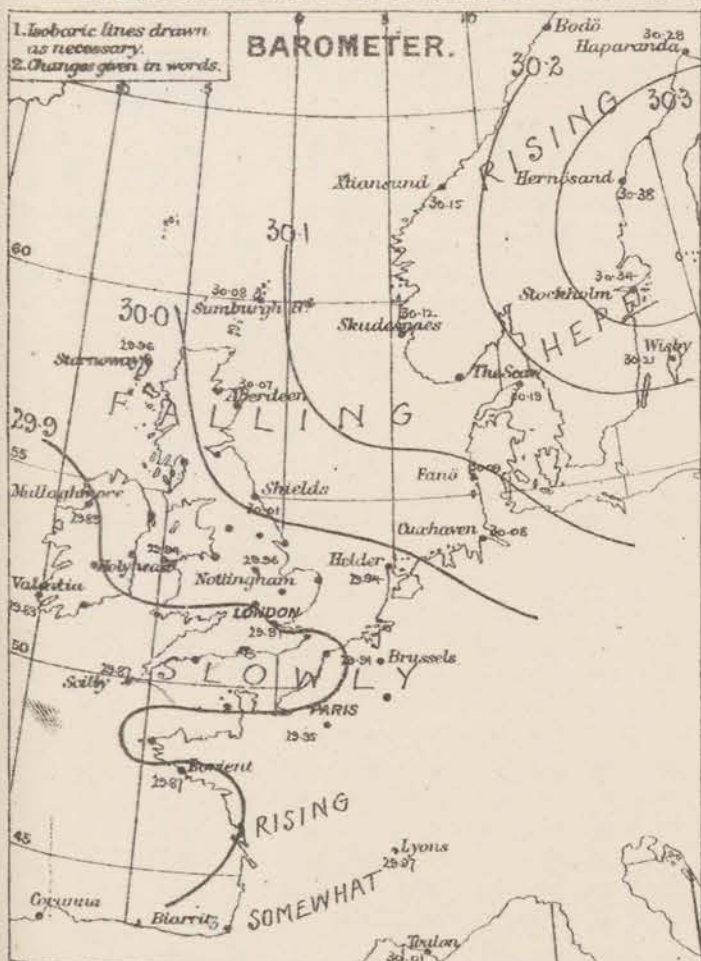


# WEATHER CHARTS for 8 a.m. on Thursday 26<sup>th</sup> August 1880.

of Rainfall

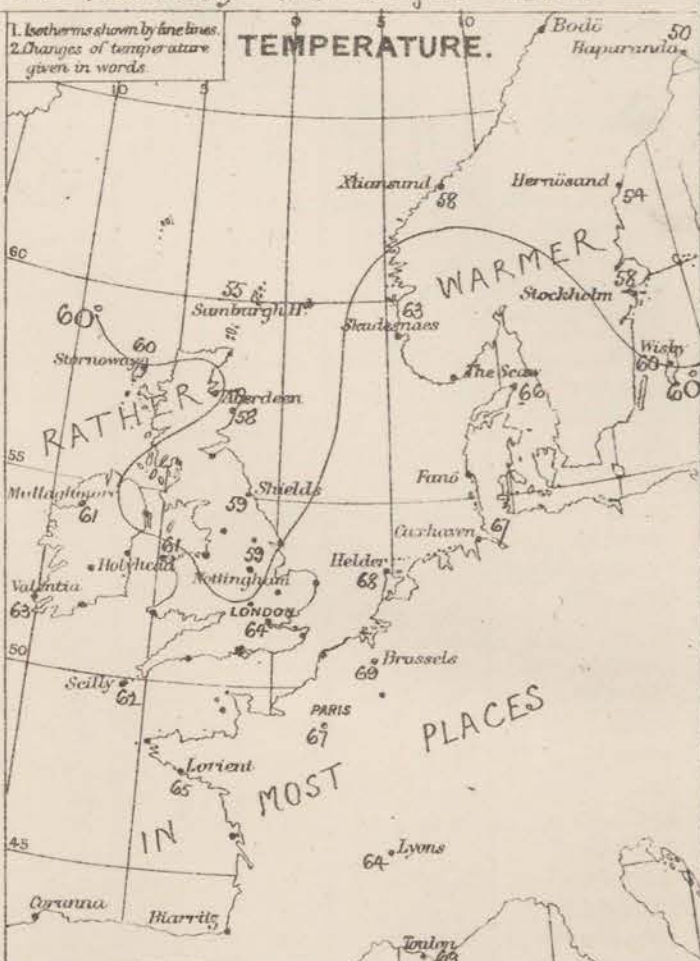
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



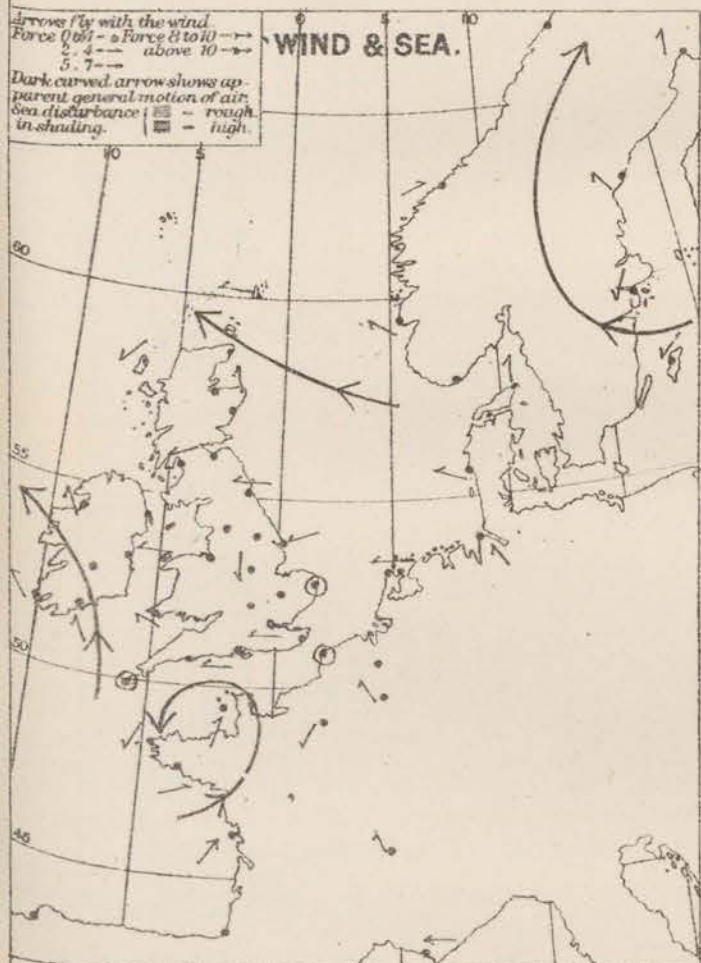
1. Isotherms shown by lines.
2. Changes of temperature given in words.

## TEMPERATURE.



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

## WIND & SEA.



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

## WEATHER.



## REMARKS.

The weather over the United Kingdom seems to be getting into a very stormy unsettled condition, especially over Ireland and the S. half of England. The barometer has fallen all over our islands, but risen in Norway and Sweden, thus it is now higher than in any other part of NW Europe. In the meantime irregularly shaped depressions have appeared over our N. and S. districts and over the Bay of Biscay. Temperature has risen a little in the S. changed irregularly elsewhere, and readings vary from 65° in the NE of Scotland to 63° or 64° along our S. and SW. coasts, where the air is very dense. The maximum readings during yesterday were below 70° at all our stations excepting Nottingham (70°) and Jersey (71°). A little rain has fallen at several of our S. stations, and about 0.4 in at Cambridge. In most of these cases thunder and lightning also were observed. The sky is overcast, except on our coast N. coasts, and the general appearance very unsettled and stormy. The sea is smooth, or nearly so, except off the South of Ireland, where it is moderate.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 27<sup>th</sup> August 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	30.22	49	Z	0	b	30.18	-10	82	82	+2	Z	0	b	*	55	29	-		
Hernösand	30.21	38	S	12	b	30.24	-09	55	53	+1	NE	2	b	*	64	36	-		
Stockholm	30.32	55	SSW	2	b	30.31	-08	63	53	+5	WSW	2	b	*	66	50	-		
Wishby	30.25	55	E	2	b	30.28	+07	55	52	-2	ENE	2	b	*	70	48	-		
Bodö	30.19	44	Z	0	c	30.18		51	45		S	2	o	1	57	48	-		
Christiansund	30.17	61	SE	1	b	30.19	+04	58	58	0	Z	0	r	1	64	32	0.28		
† Skudesnaes																			
Oxö (Xiansund)	30.23	65	ESE	4	r	30.30	+15	63	61	-1	N	2	b	2	70	61	0.35		
Skagen (The Skaw)	30.26	64	Z	0	b	30.31	+12	60	61	0	SW	2	b	0	75	59	-		
Fanö	30.17	62	ESE	6	b	30.21	+12	63	59	?	E	6	b	*	75	55	-		
Cuxhaven	30.15	73	E	5	m	30.19	+11	65	63	-2	ESE	3	m	*	73	61	-		
† Sumburgh Head	30.09	50	S	2	c	30.12	+04	58	58	+3	NE	2	c	3	62	53	0.11		
† Stornoway	29.98	61	NNE	1	m	30.09	+13	58	57	-2	SSE	1	c	1	66	50	-		
Wick	30.06	59	S	3	bc	30.13	+09	58	58	+1	Z	0	om	0	68	54	0.03		
Nairn	30.02	64	Z	0	bc	30.11	+09	56	53	-5	Z	0	c	1	70	53	-		
† Aberdeen	30.07	61	SE	1	c	30.13	+06	58	57	0	Z	0	c	0	65	56	0.09		
Leith	30.04	59	E	1	o	30.13	+10	60	59	+3	NNW	1	o	*	62	56	0.04		
† Shields	29.99	59	ENE	1	r	30.11	+10	60	60	+1	Z	0	o	2	62	57	0.09		
Spurn Head	29.95	60	ENE	3	bc	30.11	+16	61	60	+1	N	3	o	2	67	59	-		
York	29.98	61	NE	1	o	30.12	+13	62	60	+2	N	1	c	*	65	58	0.14		
Nottingham	29.97	67	NNE	2	o	30.15	+19	60	59	+1	N	2	o	*	71	58	-		
† Ardrossan	29.99	63	NE	2	c	30.13	+14	60	58	+2	NNW	1	c	0	66	56	-		
† Mullaghmore	29.95	65	ESE	4	o	30.12	+23	60	56	-1	Z	0	c	0	69	58	-		
Donaghadee	30.00	59	NE	3	o	30.15	+16	60	58	+2	#	2	o	0	62	56	-		
Parsonstown	29.94	68	S	1	bc	30.16	+26	55	55	-6	Z	0	c	*	71	51	-		
Barrow-in-Furness	29.98	67	ENE	2	o	30.11	+12	63	60	+4	NE	1	b	1	65	56	-		
† Holyhead	29.95	63	NNE	2	c	30.12	+18	59	58	-2	Z	0	f	0	67	57	-		
Liverpool (Bidston)	29.95	65	SE	1	o	30.11	+16	63	61	+4	E	1	m	1	68	58	-		
† Valentia	29.93	63	S	3	bc	30.15	+32	62	51	-1	Z	0	bc	1	69	53	0.02		
Roche's Point	29.93	68	ESE	2	c	30.14	+29	61	60	-2	N	3	m	3	74	58	-		
Pembroke	29.93	63	ESE	2	c	30.09	+21	64	61	+3	NE	1	b	0	65	58	-		
† Scilly	29.98	63	Z	0	c	30.11	+24	62	62	0	WNN	2	o	2	69	58	-		
Prawle Point	29.90	61	Z	0	f	30.07	+22	60	60	0	ENE	1	m	1	69	58	0.01		
Hurst Castle	29.94	67	WSW	2	b	30.08	+20	61	60	-2	NE	1	o	0	71	58	-		
† Dover	29.92	66	SW	1	b	30.05	+17	65	63	+2	N	3	om	1	70	63	-		
† London	29.92	70	NNE	1	gf	30.10	+19	61	59	-3	NNE	1	om	*	72	58	-		
Oxford	29.96	66	ENE	1	o	30.10	+20	59	58	-1	ENE	1	om	*	73	58	-		
Cambridge	29.91	72	NE	1	c	30.11	+20	59	59	-2	N	1	o	*	74	59	0.01		
† Yarmouth	29.92	66	NNE	1	b	30.07	+11	61	61	-2	NW	1	f	2	68	58	0.03		
The Helder																			
Cape Gris Nez	29.93	68	Z	0	bc	30.05	+16	63	?	-1	NE	1	f	0	73	?	-		
† Jersey	29.96	60	NNW	2	f	30.02	+12	62	61	-2	NNE	1	om	2	70	58	0.01		
Brest	29.93	61	NNW	1	o	30.09	+18	59	57	+3	Z	0	o	3	70	54	-		
Lorient	29.95	64	N	4	c	30.05	+18	58	57	-7	ENE	4	?	2	72	57	-		
† Rochefort	29.99	69	NNW	8	c	30.04	+14	68	65	+1	N	3	c	2	79	61	0.24		
Biarritz	30.07	70	NNW	2	c	30.07		66	63		SSW	4	o	2	81	63	0.12		
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	30.04	+13	64	62	-5	Z	0	bc	*	77	60	1.34		
Charleville	?	?	?	?	?	30.06	+11	63	59	+1	S	1	o	*	77	57	0.59		
Paris														*	*	*	1.01		
Lyons														*	*	*			
Toulon	29.95	71	SW	4	b	30.00	-01	68	63	-1	N	4	b	2	73	63	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (2,195 ft.) above M.S.L.																			
Hawes Junction	28.77	57	E	2	o	28.87	+11	57	56	+2	ENE	1	o	*	60	50	0.02		

HIGH LEVEL STATION. Barometric readings not corrected for altitude (2,195 ft.) above M.S.L.

Hawes Junction	28.77	57	E	2	o	28.87	+11	57	+5	ENE	1	o	*	60	50	0.02			
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	30.12	67	68	Z	0	c	2	Valentia ...	29.88	65	62	SE	3	o	4
Sumburgh Head	30.08	60	55	S	2	c	2	Scilly ...	29.88	67	68	S	1	bc	2
Stornoway ...	29.96	64	57	SSE	3	bc	2	Dover ...	29.90	68	66	SSE	1	b	0
Aberdeen ...	30.07	61	58	SSE	1	c	1	London ...	29.91	69	65	Z	0	ogf	*
Shields ...	30.01	61	59	E	1	o	2	Yarmouth ...	29.91	68	65	NNE	2	b	2
Ardrossan ...	29.98	64	59	ENE	2	om	1	Jersey ...	29.92	68	64	WSW	3	b	2
Mullaghmore ...	29.89	67	62	SE	3	om	2	Rochefort ...	29.90	71	68	NNW	9	c	7
Holyhead ...	29.93	66	62	Z	0	c	1								

No important change has occurred since the morning, beyond a tendency of pressure to increase over Ireland.

## 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 (back) 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.







# DAILY WEATHER REPORT 28<sup>th</sup> AUGUST. 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.	Secs. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.23	49	Z	0	f	30.26	+ 0.8	53	52	+ 1	Z	0	0	*	59	41	—	
Hernösand	30.29	57	Z	0	bc	30.35	+ 0.6	64	60	+ 4	SW	2	0	*	77	41	0.04	
Stockholm	30.26	64	W	2	bc	30.30	— 0.1	62	58	— 4	NNE	4	0	*	73	48	—	
Wiesby	30.24	60	WSW	2	bc	30.23	— 0.5	63	61	+ 5	NW	6	0	*	64	52	—	
Bodö	30.18	55	E	2	0	30.25	+ 0.7	57	50	— 7	SW	2	0	2	61	50	0.04	
Christiansund	30.29	61	Z	0	c	30.34	+ 0.5	61	58	+ 3	SE	1	0	1	63	50	0.35	
† Skudesnaes	30.31	61	SSW	0	bc	30.36		63	59		ENE	1	0	2	62	61	—	
Oxö (Kilansund)	30.35	64	E	2	b	30.38	+ 0.8	59	56	— 3	N	2	0	1	66	55	—	
Skagen (The Skaw)	30.34	58	Z	0	b	30.38	+ 0.7	61	58	— 3	Z	0	0	0	72	50	—	
Fanö	30.30	59	E	4	b	30.33	+ 0.2	63	59	— 4	ENE	4	0	*	72	54	—	
Cuxhaven	30.30	72	E	2	b	30.32	+ 0.3	63	61	— 2	SE	2	0	*	73	59	—	
† Sumburgh Head	30.20	58	W	3	m	30.27	+ 0.5	57	57	— 1	Z	0	m	4	64	54	0.01	
† Stornoway	30.14	62	SW	5	0	30.24	+ 0.5	61	60	+ 3	SSW	3	0	2	64	57	—	
Wick	30.23	57	Z	0	f	30.26	+ 0.3	55	55	— 3	S	1	f	0	66	48	—	
Nairn	30.18	65	Z	0	b	30.29	+ 0.8	54	50	— 4	Z	0	0	1	71	49	—	
† Aberdeen	30.20	61	NE	1	bm	30.32	+ 0.9	57	57	— 1	Z	0	f	0	67	50	0.01	
Leith	30.18	67	NW	1	c	30.31	+ 0.8	58	57	— 1	E	1	m	*	72	48	—	
† Shields	30.20	61	SE	2	bc	30.32	+ 0.2	57	57	— 3	Z	0	od	2	63	54	—	
Spurn Head	30.20	62	N	4	0	30.27	+ 0.6	60	60	— 1	NE	3	0	3	70	58	0.01	
York	30.18	69	NE	2	b	30.31	+ 0.9	60	59	— 1	N	1	0	*	75	56	—	
Nottingham	30.19	65	NE	1	b	30.30	+ 0.5	61	60	+ 1	ENE	3	0	*	77	58	—	
† Ardrossan	30.21	63	NNW	1	cm	30.29	+ 0.6	61	59	+ 1	Z	0	bm	0	66	53	—	
† Mullaghmore	30.20	67	NW	2	0	30.29	+ 0.7	61	59	+ 1	NNW	1	0	1	70	58	—	
Donaghadee	30.22	60	Z	0	0	30.31	+ 0.6	61	59	+ 1	NE	1	0	0	63	56	—	
Parsonstown	30.22	71	NW	1	c	30.31	+ 0.5	59	58	+ 4	Z	0	0	*	74	64	—	
Barrow-in-Furness	30.19	65	NW	3	bc	30.25	+ 0.4	62	61	— 1	NE	1	0	2	74	59	—	
† Holyhead	30.20	62	NNW	2	0	30.27	+ 0.5	61	60	+ 2	NNW	2	0	1	65	59	—	
Liverpool (Bidston)	30.18	63	NW	1	c	30.27	+ 0.6	64	62	+ 1	NNW	1	0	1	69	60	—	
† Valentia	30.24	66	NW	2	bc	30.29	+ 0.4	60	59	— 1	Z	0	bm	0	71	53	—	
Roche's Point	30.21	71	SW	3	bc	30.27	+ 0.3	62	60	+ 1	N	3	0	3	78	58	—	
Pembroke	30.19	65	NNE	2	c	30.24	+ 0.5	64	61	— 3	NNE	2	0	0	71	61	—	
† Scilly	30.18	64	N	4	cm	30.23	+ 0.2	62	62	— 1	NNE	4	0	3	67	60	—	
Prawle Point	30.17	63	NNW	2	b	30.20	+ 0.3	65	64	+ 5	NNE	2	m	1	67	58	—	
Hurst Castle	30.14	68	W	1	bc	30.22	+ 0.4	63	62	+ 2	ENE	2	0	1	75	59	—	
† Dover	30.13	69	NNE	3	cm	30.17	+ 0.2	64	63	— 1	N	3	0	1	70	63	—	
† London	30.17	65	NNE	1	og	30.21	+ 0.1	62	61	+ 1	NNE	1	og	*	70	60	—	
Oxford	30.19	65	Z	0	c	30.24	+ 0.4	62	60	+ 3	NE	1	0	*	72	58	—	
Cambridge	30.16	63	N	1	0	30.22	+ 0.1	63	62	+ 4	N	1	0	*	67	58	0.01	
† Yarmouth	30.14	64	NNW	1	bc	30.23	+ 0.6	65	64	+ 4	NNE	1	0	2	68	59	—	
The Helder	30.15	70	ENE	3	bc	30.21	+ 0.6	65	61	— 4	ENE	1	0	0	75	64	—	
Cape Gris Nez	30.15	65	N	1	m	30.18	+ 0.3	63	63	— 1	N	3	m	1	66	63	—	
† Jersey	30.19	61	N	2	bc	30.22	+ 0.2	64	63	+ 2	NE	1	0	1	68	57	—	
Brest	30.19	64	N	3	b	30.20	+ 0.1	60	60	+ 1	NE	3	0	2	70	59	—	
Lorient	30.12	68	NW	3	bc	30.17	+ 0.2	60	59	+ 2	ENE	4	m	1	72	55	—	
† Rochefort	30.10	70	NW	3	bc	30.12	+ 0.8	66	64	— 2	NE	4	0	2	77	61	—	
Biarritz	30.08	66	NE	4	0	30.06	— 0.1	64	60	— 4	E	3	0	3	72	61	0.09	
Corunna	*	*	*	*	*				*					*	*	*	*	
Brussels	*	*	*	*	*	30.16	+ 0.2	62	62	— 2	Z	0	0	*	77	61	?	
Charleville	30.11	70	ENE	1	b	30.15	+ 0.9	63	60	— 3	ENE	1	f	*	77	58	—	
Paris	30.10	73	NNE	3	c	30.17	+ 0.8	66	64	+ 1	NE	1	0	*	*	*	—	
Lyons	*	*	*	*	*				*					*	*	*	*	
Toulon	30.03	74	W	5	bc	30.07	+ 0.7	70	64	+ 2	?	?	0	3	79	64	—	

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

Hawes Junction	?	67	ENE	2	0		29.07	+ 0.2	56	56	— 1	ENE	4	0	*	74	57	0.09
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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	30.28	67	60	SSW	5	0	Valentia	30.19	70	64	N	1	0
Sumburgh Head	30.13	63	61	SE	4	m	Scilly	30.15	65	64	NNW	3	0
Stornoway	30.11	64	63	SW	4	0	Dover	30.09	69	65	N	3	0
Aberdeen	30.16	63	61	NE	1	0	London	30.14	66	63	Z	0	0
Shields	30.17	63	62	NNE	1	0	Yarmouth	30.11	67	65	NW	2	0
Ardrossan	30.16	65	61	Z	0	cm	Jersey	30.16	67	64	E	1	ogm
Mullaghmore	30.18	66	63	SSW	1	0	Rochefort	30.10	70	67	NW	3	0
Holyhead	30.17	64	62	NW	2	0							

The barometer has continued to rise since 8 am at all stations excepting Valentia, where the rise has ceased since noon. SW breezes are appearing along our extreme W. and N. coast.

### EXPLANATION OF COLUMNS.

WEATHER.—Bearing 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).

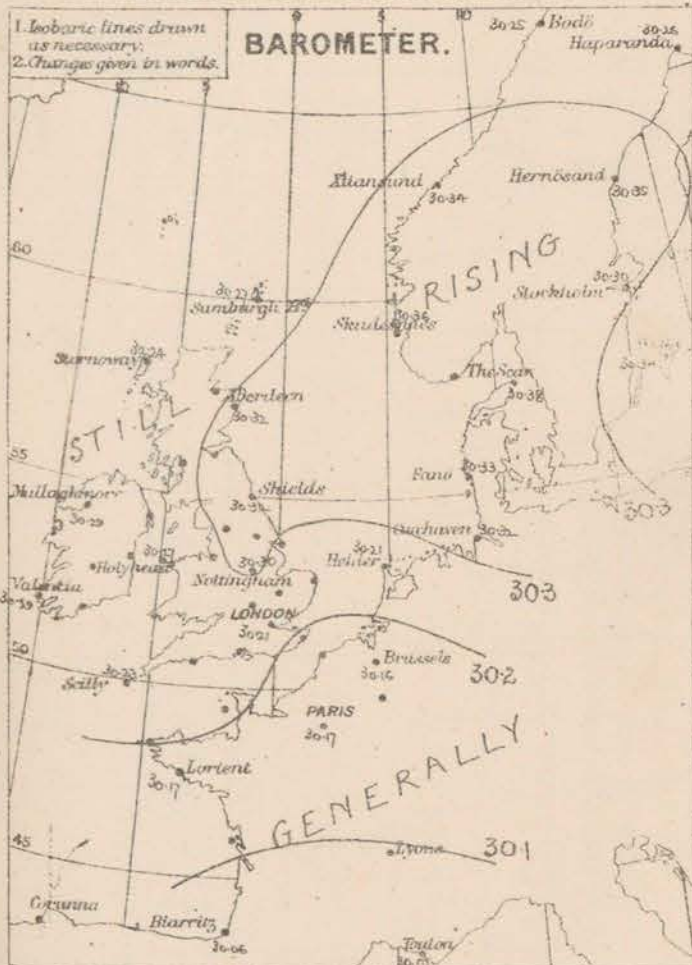
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Saturday 28<sup>th</sup> August 1880.

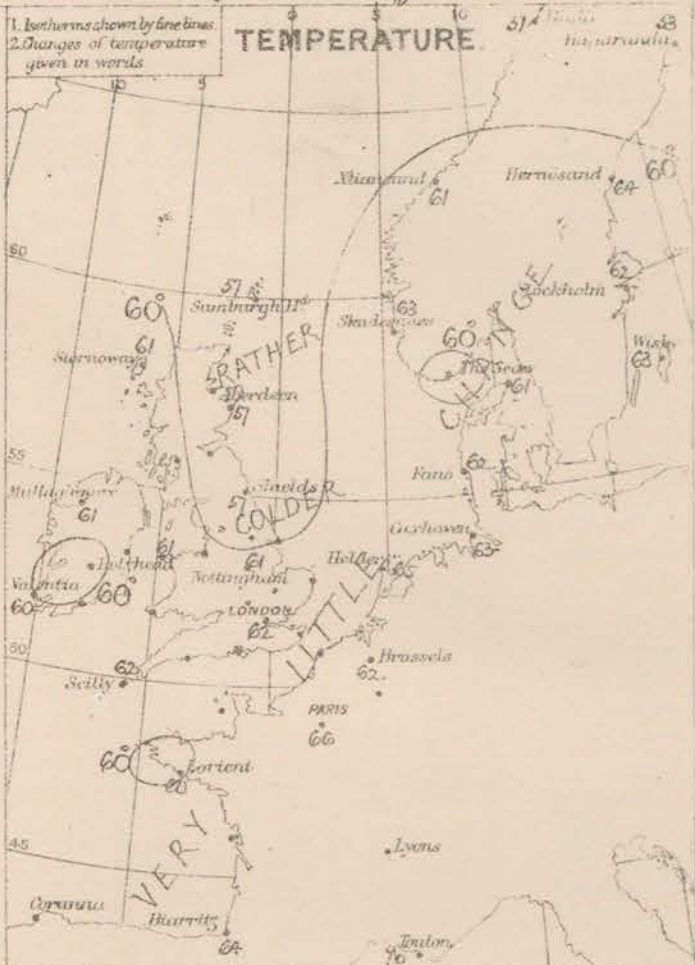
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



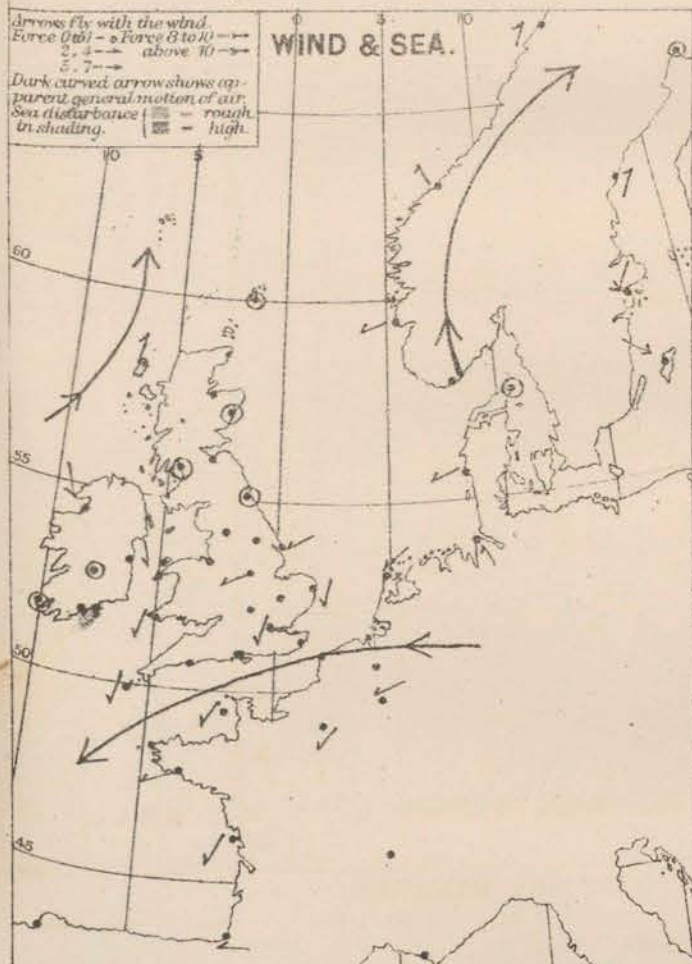
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



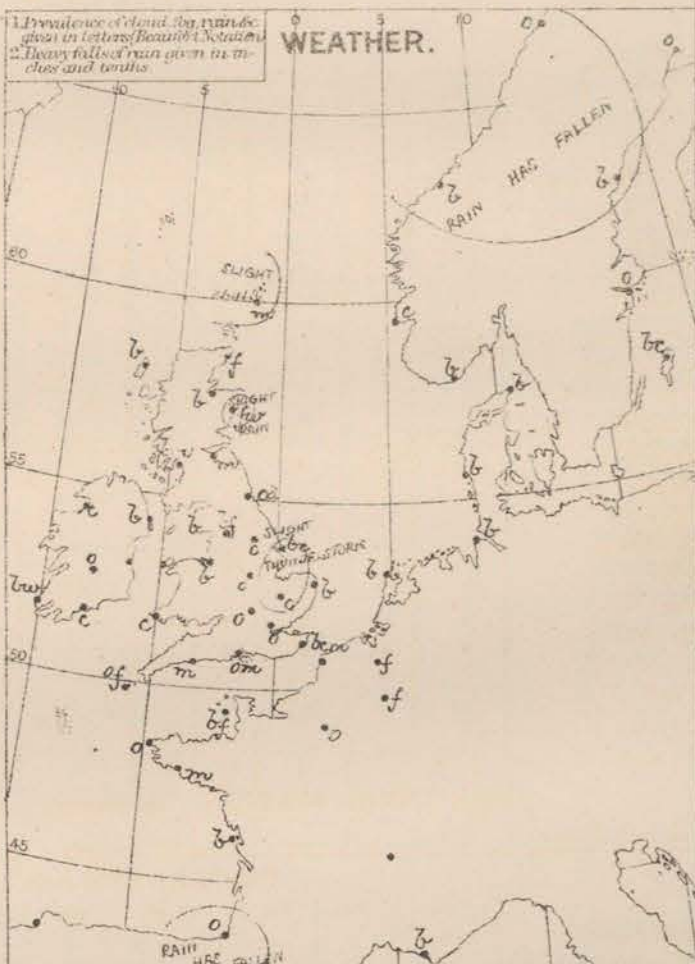
Arrows fly with the wind.  
Force 0-10 - Force 8 to 10 -  
2-4 - above 10 -  
5-7 -  
Dark curved arrows show apparent general motion of air.  
Sea disturbance - rough in shading - high in shading.

## WIND & SEA.



1. Evidence of cloud, fog, rain, etc. given in letters, Beaufort notation.  
2. Heavy falls of rain given in inches and tenths.

## WEATHER.



## REMARKS.

A further rise of the barometer has taken place all over the United Kingdom during the past 24 hours, and readings are remarkably uniform over the British Isles and direct sea. Calms and S. airs are reported at the Scotch stations, and calms and N. airs in Ireland, but over England only light N. and N.E. breezes are prevalent. Temperature has fallen a little in the N.E., but has not changed elsewhere. The present readings vary from 54° to 56° on our N.E. coasts, and from 60° to 62° in the S.W. and S. A snow was seen at Rain last night, and thunder and lightning occurred at Spurn Head about midnight. The air is still somewhat clear. Much cloudy skies are again reported at our inland stations, and fog on our S. coasts and in the N.E. of Scotland, but in the N.W. the sky is clear and bright. The sea is smooth, or nearly so on all our coasts.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 29<sup>th</sup> August. 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	30.25	53	S	2	b	30.19	-0.07	54	57	+1	S	2	c	*	61	43	-		
Hernösand	30.39	59	Z	0	b	30.36	+0.03	64	61	0	Z	0	bc	*	77	45	-		
Stockholm	30.35	61	Z	0	b	30.36	+0.01	65	60	+3	NNE	2	bc	*	73	54	-		
Wisby	30.26	59	ENE	4	b	30.28	+0.02	65	61	+2	NNE	4	b	*	68	54	-		
Bodo	30.23	55	S	2	b	30.20	-0.03	61	?	0	SH	6	r	4	57	50	-		
Christiansund	30.37	60	Z	0	b	30.37	+0.00	58	55	-3	SSE	1	b	1	66	46	-		
† Skudesnaes	30.36	61	NNW	1	b	30.36	0.00	64	61	+1	NE	4	b	2	70	61	-		
Oxö (Xiansund)	30.37	66	Z	0	b	30.44	+0.07	63	59	+4	NNW	2	b	0	?	?	-		
Skagen (The Skaw)	30.36	63	Z	0	b	30.37	-0.01	66	64	+2	Z	0	b	0	75	59	-		
Fanö	30.32	60	E	5	b	30.31	-0.01	64	62	+2	E	5	b	*	72	52	-		
Cuxhaven	30.32	69	E	4	c	30.29	-0.03	64	62	+1	SE	3	b	*	?	57	-		
† Sumburgh Head	30.32	56	S	1	b	30.31	+0.01	59	58	+2	SSE	3	0	3	63	53	-		
† Stornoway	30.24	64	SH	4	b	30.16	-0.08	61	60	0	S	1	b	0	71	53	-		
Wick	30.31	59	Z	0	b	30.24	-0.07	58	56	+2	S	4	b	0	64	53	-		
Nairn	30.26	63	ENE	1	b	30.23	-0.03	58	56	+2	Z	0	p	0	70	54	-		
† Aberdeen	30.31	65	S	1	b	30.30	-0.01	62	59	+3	SSE	1	bc	1	71	56	-		
Leith	30.29	61	NE	1	b	30.31	0.02	62	58	+4	E	1	bc	*	68	55	-		
† Shields	30.30	61	Z	0	bc	30.26	-0.04	62	60	+2	ENE	1	bc	2	63	56	-		
Spurn Head	30.27	62	NE	4	c	30.19	-0.08	63	61	+2	ENE	4	b	4	63	58	-		
York	30.28	69	E	2	b	30.23	-0.05	62	60	+2	NNE	1	bc	*	74	55	-		
Nottingham	30.25	68	NE	3	b	30.18	-0.07	62	59	+3	NE	5	b	*	75	56	-		
† Ardrossan	30.23	70	NE	1	bc	30.22	-0.01	61	59	0	NE	2	bc	1	70	58	-		
† Mullaghmore	30.24	67	NNE	1	b	30.13	-0.11	61	60	0	E	4	b	3	69	59	-		
Donaghadee	30.27	64	NE	1	bc	30.22	-0.05	61	59	0	SSE	1	b	0	68	55	-		
Parsonstown	30.21	75	E	1	b	30.15	-0.06	57	56	-1	Z	0	b	*	77	52	-		
Barrow-in-Furness	30.25	71	ENE	2	b	30.23	-0.02	58	56	-2	NNE	2	b	2	79	56	-		
† Holyhead	30.22	66	NNE	2	b	30.16	-0.06	61	60	+1	ENE	2	b	?	70	59	-		
Liverpool (Bidston)	30.22	71	SSW	2	b	30.18	-0.04	62	58	-4	E	3	b	1	75	57	-		
† Valentia	30.21	70	Z	0	b	30.09	-0.12	60	59	0	Z	0	bc	1	74	54	-		
Roche's Point	30.21	72	Z	0	bc	30.11	-0.10	65	62	+3	E	3	bc	3	80	60	-		
Pembroke	30.18	66	ESE	1	c	30.10	-0.08	60	57	-3	NE	2	c	1	78	57	-		
† Scilly	30.17	64	Z	0	0	30.06	-0.11	62	62	0	NNE	2	f	3	67	57	-		
Prawle Point	30.17	63	E	1	m	30.06	-0.11	63	60	-3	NNE	4	bc	3	67	58	-		
Hurst Castle	30.15	67	N	2	m	30.09	-0.06	61	60	-1	NE	2	c	2	70	60	-		
† Dover	30.12	67	NNE	3	b	30.03	-0.09	65	62	+3	NNE	4	bc	2	73	63	-		
† London	30.17	65	E	1	b	30.10	-0.07	62	58	-4	NE	2	c	*	81	59	-		
Oxford	30.21	64	NNE	1	b	30.13	-0.08	59	57	-2	NE	2	0	*	75	57	-		
Cambridge	30.19	71	NE	1	b	30.11	-0.08	62	60	0	NE	1	b	*	78	54	-		
† Yarmouth	30.21	65	NE	3	b	30.12	-0.09	64	62	-2	ENE	4	b	4	68	61	-		
The Helder	30.21	67	NE	4	c	30.14	-0.07	62	57	-5	E	4	bc	2	68	61	-		
Cape Gris Nez	?	?	NE	4	?	30.05	-0.13	64	61	+3	NNE	4	0	3	70	59	-		
† Jersey	30.16	65	ENE	2	0	30.02	-0.14	63	62	-1	E	2	of	2	68	60	-		
Brest	30.09	62	ENE	5	m	30.01	-0.08	61	61	+1	E	1	m	3	77	59	-		
Lorient	30.07	69	ENE	4	m	29.98	-0.09	62	61	+1	ENE	4	m	1	77	59	-		
† Rochefort	30.02	79	E	4	b	29.94	-0.08	66	65	0	ENE	4	b	2	86	61	-		
Biarritz	29.98	?	NE	5	bc	29.95	-0.03	69	67	+2	SW	5	0	3	79	63	-		
Corunna	*	*	*	*	*	29.91	-0.07	64	*	*	NN	?	c	1	*	*	*		
Brussels	*	*	*	*	*	30.02	-0.04	56	54	-2	NE	3	c	*	80	53	-		
Charleville	?	?	?	?	?	30.06	-0.04	65	60	+5	NE	1	bc	*	68	60	-		
Paris	30.08	74	NNE	1	bc	29.97	-0.11	67	65	+2	NE	1	c	*	*	*	-		
Lyons	30.06	72	NNE	1	b	29.95	-0.11	65	64	-1	NE	1	bc	*	80	59	-		
Toulon	30.00	69	E	5	b	29.93	-0.07	67	63	-4	E	7	0	4	77	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.06	65	E	2	b	29.00	-0.07	57	55	+2	ENE	4	b	*	68	57	-		

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

	Bar.	Dry.	Wet.	Wind.		Wca.	Sea.		Bar.	Dry.	Wet.	Wind.		Wca.	Sea.
Skudesnaes ...	30.37	70	63	SW	4	bm	2	Valentia ...	30.25	73	66	WSW	2	c	3
Sumburgh Head	30.33	60	60	2	0	m	3	Scilly ...	30.20	64	63	NNE	2	of	3
Stornoway ...	30.25	68	62	S	4	b	3	Dover ...	30.16	72	68	NNE	3	b	1
Aberdeen ...	30.32	68	63	S	1	b	0	London ...	30.19	75	67	E	1	bc	*
Shields ...	30.32	63	61	2	0	0	2	Yarmouth ...	30.23	68	65	NE	2	b	2
Ardrossan ...	30.27	68	63	NN	1	bm	1	Jersey ...	30.20	67	65	NE	1	of	1
Mullaghmore ...	30.29	65	63	N	1	c	1	Rochefort ...	30.08	83	74	E	4	bc	2
Holyhead ...	30.36	69	65	ENE	3	b	2								

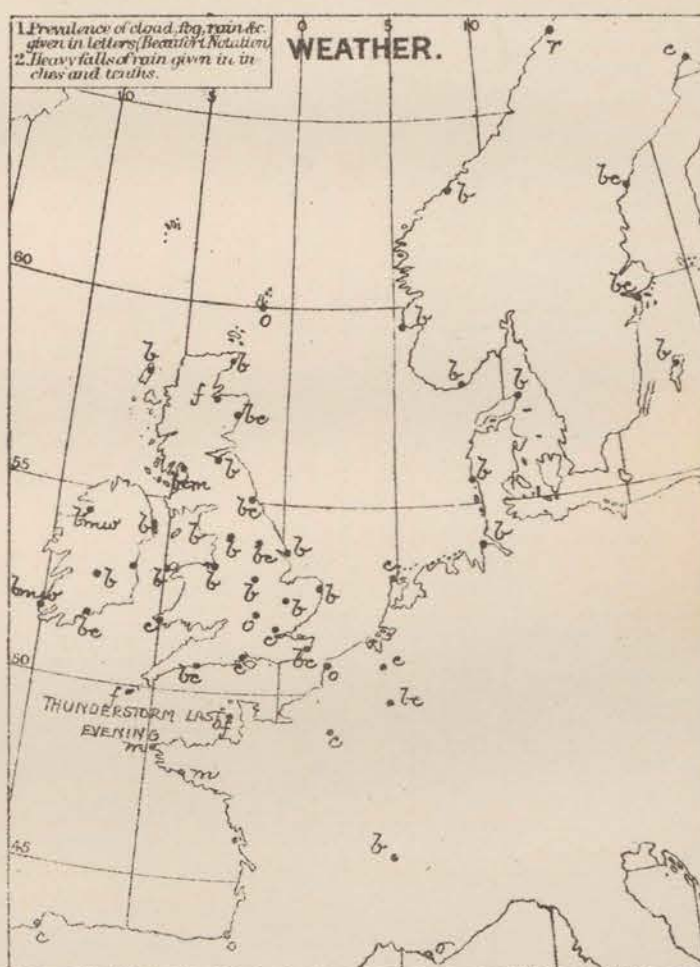
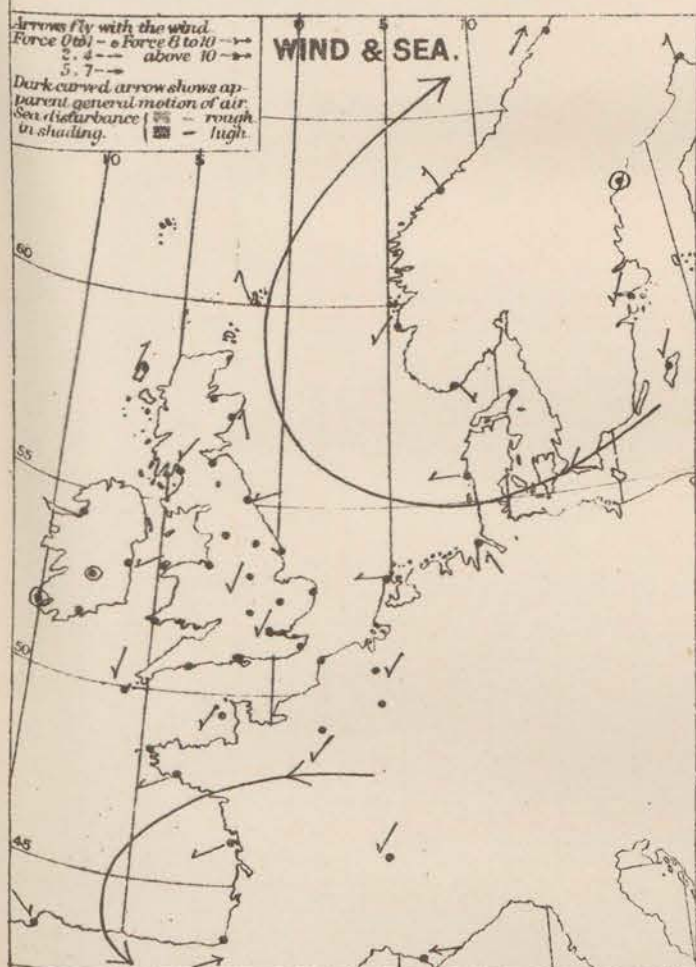
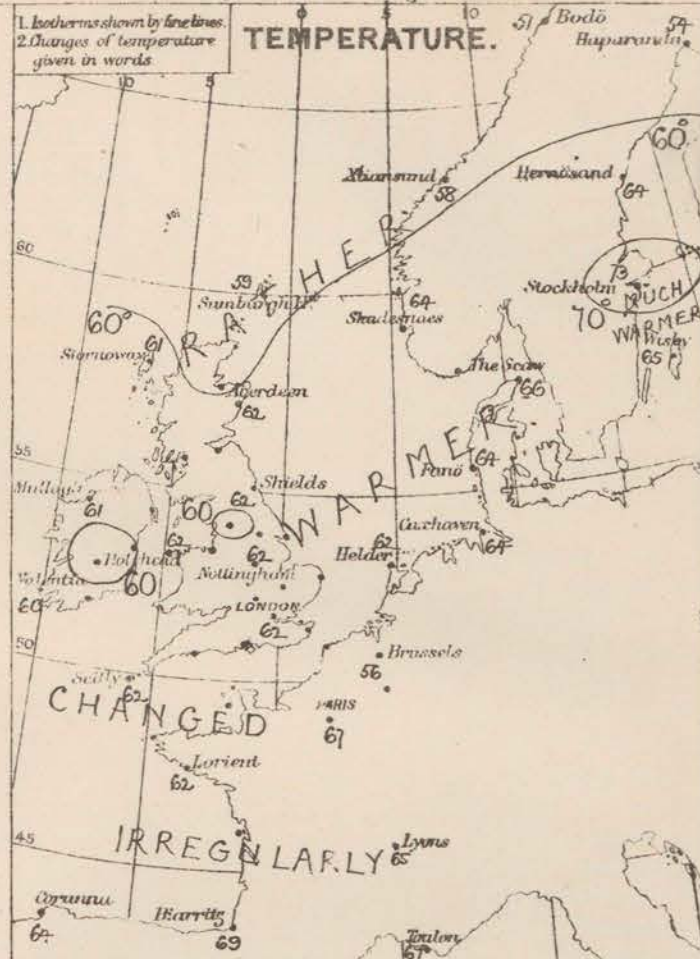
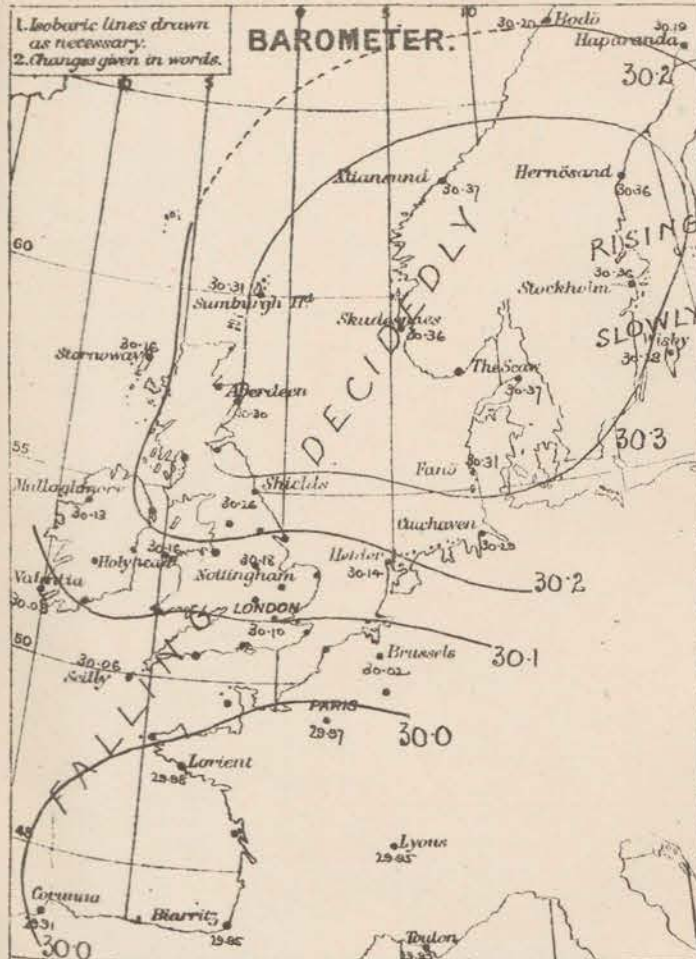
The weather has now cleared up in London and is very fine generally. The barometer is rather inclined to fall at Valentia and over the S. of England.

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; 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 29<sup>th</sup> August 1880.



REMARKS. Since Saturday morning the barometer has fallen somewhat over the whole of the British Isles and France, the change varying in amount from about two tenths of an inch over France and the E. of Ireland to a very few hundredths in the E. of Scotland. Readings now vary from about 30.4 in. in Norway and 30.3 in. at Albedens to about 29.95 in. over France. E<sup>l</sup> and NE<sup>l</sup> winds of moderate force prevail all over France, England and Ireland, while SE<sup>l</sup> breezes prevail at the Scotch stations. Temperature has risen in the N. and is now very uniform in the British Isles at about 60° or 62° degrees. During Saturday it rose to a maximum of 80° at Roche Point, 81° in London, and 75° to 79° in many other places. The weather is very fine. The sea is smooth.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT 30<sup>th</sup> AUGUST 1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			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).		Weather.	Max.		Min.		
Haparanda	30.15	59	N	2	o	30.20	+ 11	64	51	o	N	2	b	*	66	45	—		
Hernösand	30.31	56	NY	2	b	30.25	— 64	64	57	o	N	3	b	*	56	48	—		
Stockholm	30.51	62	MSW	2	b	30.35	— 06	62	58	— 3	NNW	2	b	*	75	57	—		
Wishy	30.24	60	NE	2	b	30.24	—	62	61	—	ENE	2	b	*	70	55	—		
Bodö	30.25	58	SW	4	r	30.27	+ 07	62	54	+ 3	SW	6	o	4	61	53	0.72		
Christiansund	30.26	58	NE	1	b	30.30	— 07	60	57	+ 2	L	o	b	3	63	50	—		
† Skudesnaes	30.20	62	L	o	b	30.24	— 07	66	62	+ 2	NE	2	b	2	70	63	—		
Orö (Klansund)	30.57	66	E	2	b	30.35	— 05	65	58	+ 2	N	4	b	1	66	59	—		
Skagen (The Skaw)	30.30	67	NE	o	b	30.29	— 08	68	66	+ 2	NE	2	b	o	77	61	—		
Fanö	30.25	62	E	4	b	30.23	— 08	63	60	— 1	E	6	b	*	70	55	—		
Cuxhaven	30.31	71	E	5	b	30.20	— 09	64	61	o	E	4	b	*	70	59	—		
† Sumburgh Head	30.25	60	S	4	b	30.21	— 10	60	58	+ 1	SE	3	b	5	65	54	0.04		
† Stornoway	30.26	65	SSE	1	b	30.25	— 11	61	57	o	S	2	b	1	70	58	—		
Wick	30.18	57	SSE	4	b	30.15	— 09	57	56	— 1	SSE	4	b	3	66	55	—		
Nairn	30.13	69	ENE	1	b	30.13	— 10	67	62	— 4	L	o	b	o	77	69	—		
† Aberdeen	30.22	63	SSE	2	b	30.16	— 14	64	62	+ 2	SSE	2	c	1	68	56	—		
Leith	30.17	62	E	1	b	30.11	— 20	62	60	o	E	1	c	*	70	62	—		
† Shields	30.15	64	E	2	c	30.09	— 17	62	61	o	SE	3	o	2	67	58	—		
Spurn Head	30.07	61	ENE	4	b	30.04	— 15	64	62	+ 1	E	5	b	4	67	60	0.01		
York	30.12	65	E	2	b	30.07	— 16	63	61	+ 1	E	2	b	*	71	56	0.03		
Nottingham	30.06	64	NNE	4	c	30.03	— 15	62	61	o	NNE	2	o	*	75	57	1.06		
† Ardrossan	30.11	69	NE	2	b	30.05	— 17	61	59	o	NE	2	b	1	75	56	—		
† Mullaghmore	30.05	70	SE	3	c	30.01	— 12	60	57	— 1	ENE	4	b	3	72	58	—		
Donaghadee	30.11	60	ESE	3	b	30.06	— 16	60	58	— 1	N	2	b	o	67	55	—		
Parsonstown	30.03	70	E	1	c	30.03	— 12	62	57	— 5	L	o	b	*	70	45	—		
Barrow-in-Furness	30.05	65	ENE	3	b	30.01	— 22	63	60	+ 5	NE	1	b	2	72	57	0.03		
† Holyhead	30.05	66	ENE	3	b	30.00	— 16	59	57	— 3	SE	2	b	1	69	58	—		
Liverpool (Bilston)	30.04	66	ENE	3	b	30.01	— 17	60	59	+ 1	ESE	1	c	1	71	58	—		
† Valentia	30.03	63	NY	1	mg	29.97	— 12	64	62	+ 4	WNW	1	b	1	70	57	1.99		
Roche's Point	30.07	70	ESE	2	b	29.99	— 12	61	58	— 4	ENE	1	b	2	78	55	—		
Pembroke	30.00	67	NY	1	b	29.98	— 12	59	57	— 1	NE	2	b	1	71	55	—		
† Scilly	30.00	65	ESE	1	c	29.97	— 09	65	60	+ 3	NE	3	c	4	70	60	—		
Prawle Point	29.99	66	NE	1	b	29.97	— 09	65	61	+ 2	NNE	2	b	1	70	56	—		
Hurst Castle	29.95	67	ENE	1	o	29.95	— 14	62	61	+ 1	NE	3	c	1	70	56	—		
Dover	29.94	67	NNE	3	b	29.92	— 11	66	60	+ 1	E	3	b	2	69	61	—		
London	29.95	70	NE	2	c	29.96	— 14	67	62	+ 5	NNE	2	c	*	76	60	—		
Oxford	29.99	63	NE	3	b	29.97	— 16	60	58	+ 1	N	1	o	*	74	55	0.01		
Cambridge	30.00	67	NE	1	c	29.98	— 13	63	60	o	NE	1	c	*	72	62	—		
Yarmouth	30.02	66	ENE	3	b	30.02	— 10	64	62	o	E	5	b	4	67	61	—		
The Helder	30.06	65	E	3	b	30.06	— 08	62	58	o	E	3	b	2	75	61	—		
Cape Gris Nez	29.95	66	NE	4	c	29.92	— 13	62	56	— 2	E	4	b	2	70	59	—		
Jersey	29.94	66	ENE	3	b	29.97	— 05	65	63	+ 2	NE	2	b	2	71	58	—		
Brest	29.95	67	L	o	b	29.98	— 03	58	57	— 3	ESE	1	c	2	70	57	—		
Lorient	29.90	70	ENE	1	m	29.93	— 05	61	59	— 1	E	1	b	1	75	57	—		
Rochefort	29.84	72	NY	4	b	29.92	— 02	67	65	+ 1	ENE	3	b	2	79	61	—		
Biarritz	29.90	67	WNW	4	t	29.95	00.	65	61	— 4	SH	5	r	3	73	59	3.20		
Corfua	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.93	— 09	60	55	+ 4	E	3	b	*	79	53	—		
Charleville	29.92	63	E	1	b	29.91	— 15	63	59	— 2	E	1	b	*	80	60	—		
Paris	29.88	68	NE	1	o	29.88	— 09	68	65	+ 1	NE	1	b	*	*	*	—		
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Toulon	29.80	64	NE	5	o	29.79	— 14	62	60	— 5	NY	4	b	5	66	59	272		

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

Hawes Junction	28.89	59	ENE	4	b	28.84	— 16	56	56	— 1	E	3	o	*	67	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	30.35	70	64	SW	4	b	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort						
Holyhead													

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (last 7 a.m. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.)

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

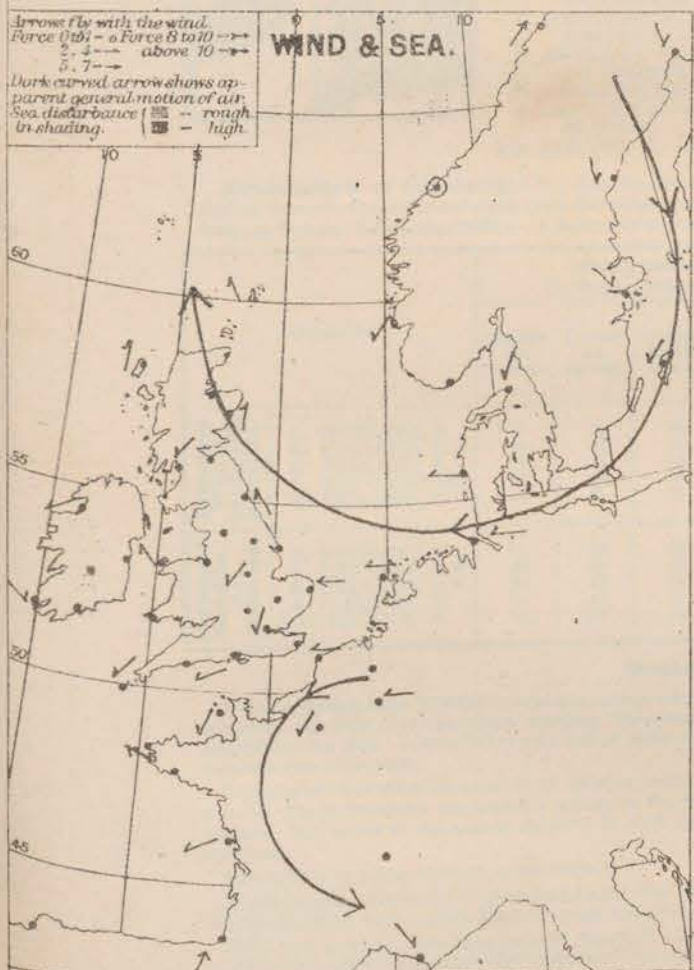
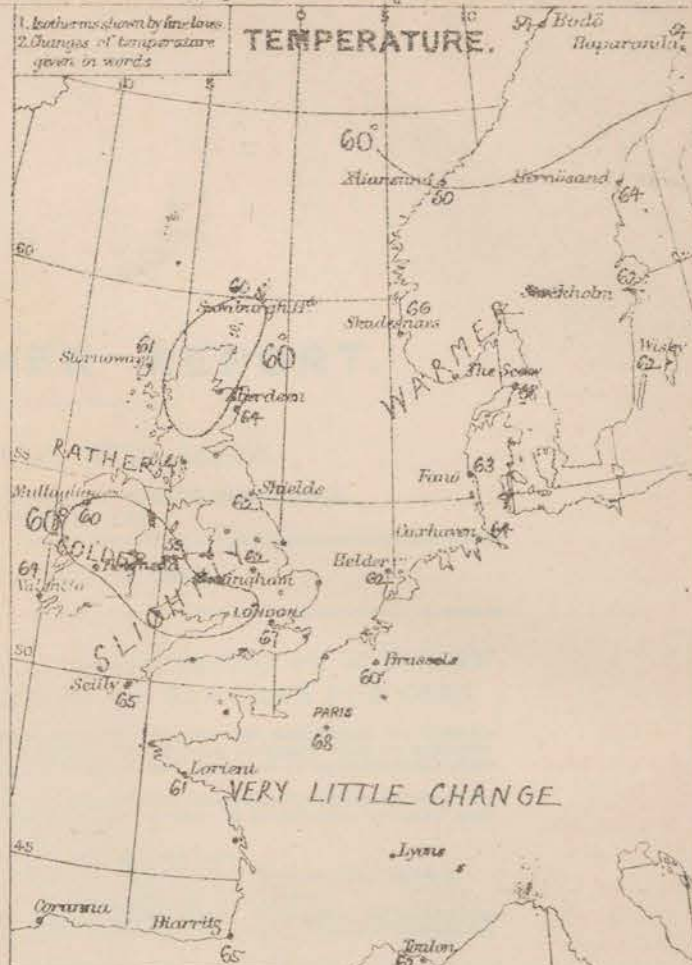
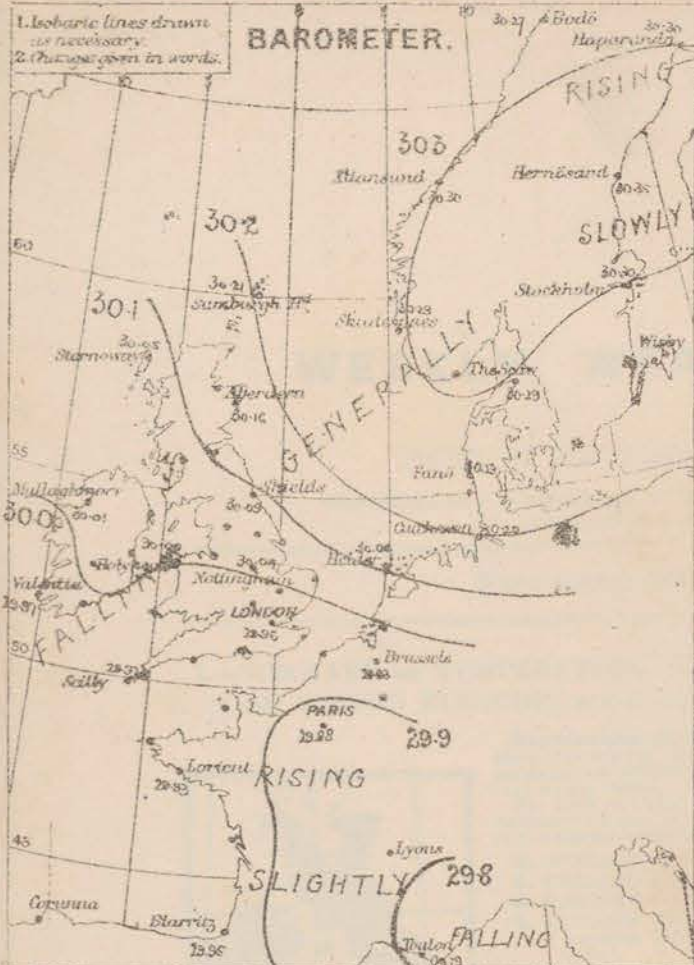
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



# WEATHER CHARTS for 8 a.m. on Monday 30<sup>th</sup> August. 1880.



**REMARKS.** A further fall of the barometer has taken place in all parts of our Islands since yesterday and readings now range from a little above 30.3 in. over Scandinavia to about 29.95 in. along our S. coast, and a trifle lower over France. In the last named country the mercury is now inclined to rise a little. Temperatures are slightly higher in the S. of England than they were at 8 a.m. yesterday and readings are very uniform between 60 and 65 over the country generally; at Paris, however, the thermometer is as low as 54°. Maxims of 76° at Roches Pt. and 76° to 78° over England were recorded during yesterday. Moderate NE and E winds still prevail over England and Ireland with E. breezes in France, while in Scotland the wind is S. Unusually heavy falls of rain have occurred locally at Valentia and Drogheda and also over the E. parts of France. Thunder and lightning have been observed over the greater part of England and France, but elsewhere the weather has remained fair. Fine weather prevails now in almost all places, but a good deal of cloud is reported at our island stations, and in London the appearance is rather threatening for rain and thunder. The sea is smooth at Dover and Folkestone.

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



# DAILY WEATHER REPORT 31<sup>st</sup> AUGUST 1880.

STATIONS.	† YESTERDAY EVENING.					6 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 <sup>rd</sup> P. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 6 A.M. and Sea Level.	Difference from 6 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.25	53	VV	2	b	30.20	- .10	55	53	+ .1	N	2	b	*	64	34	-	
Hernösand	30.34	57	L	0	b	30.34	+ .11	60	57	- .4	L	0	b	*	77	32	-	
Stockholm	30.31	64	ENE	2	b	30.32	+ .02	61	61	- .1	NE	2	b	*	77	53	-	
Wibby	30.23	63	N	2	b	30.23	- .01	63	61	+ .1	E	2	b	*	68	57	-	
Bodö	30.27	64	L	0	b	30.18	- .09	62	52	0	SE	2	c	1	55	30	+	
Christiansund	30.26	60	L	0	b	30.17	- .14	51	52	+ .1	SSW	1	a	3	70	50	-	
Skudesnaes	30.25	67	L	0	b	30.21	- .05	66	61	0	ESE	4	b	3	79	7	-	
Oxö (Ålensund)	30.26	67	NE	1	b	30.25	- .11	62	58	- .3	NNW	2	b	1	68	59	-	
Skagen (The Skaw)	30.25	64	L	0	b	30.26	- .03	66	64	- .2	S	3	b	0	75	55	-	
Fanö	30.20	61	E	4	b	30.20	- .03	60	60	- .3	E	4	b	*	73	57	-	
Cuxhaven	30.24	71	E	4	b	30.18	- .06	64	61	+ .1	SE	3	b	*	70	59	-	
Sumburgh Head	30.17	61	ESE	3	b	30.11	- .06	63	58	0	SE	4	b	4	66	55	0.01	
Stornoway	30.01	62	NW	1	b	29.99	- .02	62	59	+ .1	SSE	2	0	1	72	32	-	
Wick	30.11	55	S	5	b	30.10	- .01	59	57	+ .2	S	4	f	3	67	55	-	
Nairn	30.05	65	SE	1	b	30.06	- .01	58	55	+ .4	L	0	b	0	75	52	-	
Aberdeen	30.14	63	SSW	2	c	30.11	- .03	64	62	0	SSE	1	b	2	67	57	-	
Leith	30.09	64	E	1	b	30.09	- .02	65	61	+ .3	SE	1	b	*	73	51	-	
Shields	30.09	62	E	2	b	30.09	00	62	61	0	NE	2	c	2	66	58	-	
Spurn Head	30.04	62	ENE	5	b	30.04	00	66	63	+ .1	ENE	2	b	3	66	58	-	
York	30.08	65	E	2	b	30.07	00	59	59	- .4	N	1	0	*	73	50	-	
Nottingham	30.03	67	NNE	3	c	30.08	+ .05	60	58	+ .2	NE	1	sw	*	75	50	-	
Ardrossan	30.01	69	SE	1	c	30.06	+ .05	59	57	- .2	ENE	2	b	1	76	53	-	
Mullaghmore	29.97	67	N	1	b	29.99	- .02	60	58	0	ESE	4	b	3	70	58	-	
Donaghadee	30.01	65	SE	2	b	30.06	00	60	59	0	SE	2	b	0	67	57	-	
Parsonstown	29.96	72	ESE	1	b	30.02	00	59	57	+ .7	ESE	1	b	*	73	51	-	
Barrow-in-Furness	30.02	68	ENE	3	c	30.07	+ .06	63	59	0	NE	2	b	2	73	55	-	
Holyhead	29.99	63	NNE	2	b	30.04	+ .04	61	60	+ .2	S	1	b	0	66	57	-	
Liverpool (Biston)	29.99	69	E	1	b	30.06	+ .06	57	56	- .6	ESE	2	0	1	72	55	-	
Valentia	29.95	64	S	3	c	29.97	00	65	62	+ .1	SSW	5	c	5	70	59	0.02	
Roche's Point	29.97	68	? SE	2	b	30.01	+ .02	66	64	+ .5	S	2	m	3	76	61	-	
Pembroke	29.97	64	N	2	b	30.04	+ .06	57	57	- .2	ENE	1	f	0	67	54	-	
Scilly	29.98	64	S	1	b	30.00	+ .03	64	63	- .1	L	0	c	2	70	60	-	
Prawle Point	29.94	64	L	0	m	30.08	+ .11	65	62	0	L	0	f	0	74	56	-	
Harst Castle	29.96	63	ESE	2	b	30.06	+ .11	62	60	0	N	1	b	1	72	52	-	
Dover	29.92	67	ENE	3	b	30.00	+ .08	67	63	+ .1	N	3	b	1	69	61	-	
London	29.97	65	ESE	1	c	30.04	+ .08	61	59	- .6	NNW	2	0	*	70	54	-	
Oxford	29.99	64	L	0	0	30.04	+ .07	58	57	- .2	NNW	1	0	*	69	53	0.01	
Cambridge	29.97	66	E	1	0	30.01	+ .03	61	61	- .2	NNW	1	0	*	74	50	-	
Yarmouth	30.00	65	ENE	4	b	30.01	- .01	64	63	0	ENE	2	b	3	67	62	-	
The Helder	29.92	68	E	1	b	30.04	- .02	64	60	+ .2	ESE	1	b	1	73	61	-	
Cape Gris Nez	29.94	65	NE	3	b	30.02	+ .03	64	64	+ .2	L	0	m	0	72	59	-	
Jersey	29.99	65	NNE	2	b	30.10	+ .13	60	60	- .5	WSW	1	f	1	71	56	-	
Brest	29.96	70	N	3	b	30.06	+ .08	63	62	+ .5	SSW	3	m	3	73	57	-	
Lorient	29.94	66	NNW	4	m	30.08	+ .13	64	63	+ .3	E	1	m	1	73	59	-	
Rochefort	29.95	73	NW	7	b	30.07	+ .10	65	65	- .2	NNE	3	m	2	75	61	-	
Biarritz	29.99	71	W	4	b	30.06	+ .11	65	64	0	S	1	b	3	72	59	0.05	
Corunna	*	*	*	*	*			*	*					*	*	*	*	
Brussels	*	*	*	*	*	30.00	+ .07	64	60	+ .4	ESE	1	b	*	75	59	-	
Charleville	29.94	67	E	4	b	30.01	+ .10	58	62	- .5	ESE	1	b	*	71	54	-	
Paris	29.89	74	NNE	3	b	30.05	+ .17	66	62	- .2	N	2	b	*	*	*	*	
Lyons	29.92	64	E	1	0	30.03		61	61		E	1	f	*	76	58	0.55	
Toulon	29.86	67	E	5	c	29.98	+ .19	68	57	+ .6	SW	1	b	2	71	61	-	

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

Hawes Junction	28.83	61	ENE	2	b	28.86	+ .02	56	55	0	ENE	2	b	*	68	52	-
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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	79	66	W	2	bmv	1	Valentia ...	29.96	68	63	SSE	3	bmv	3
Samburgh Head	30.11	65	61	SE	4	b	5	Scilly ...	29.98	70	66	S	2	b	4
Stornoway ...	30.04	64	57	SSE	1	b	1	Dover ...	29.91	67	61	E	3	b	2
Aberdeen ...	30.15	65	62	SSE	2	0	2	London ...	29.96	69	62	ENE	1	0	0
Shields ...	30.10	64	62	SE	2	bv	3	Yarmouth ...	30.02	67	63	E	4	b	3
Ardrossan ...	30.02	74	65	SSE	1	bv	1	Jersey ...	29.97	71	64	NNW	2	bmv	2
Mullaghmore ...	29.95	68	61	NNW	3	b	2	Rochefort ...	29.95	73	68	NW	4	b	2
Holyhead ...	30.05	64	61	NNE	2	b	1								

The barometer is now falling in the NW and N, but the fall in the S has ceased. The wind has shifted to the S at our W. stations, and to NNW at Jersey, but the weather is very fine at all our coast stations, dull here in London.

### EXPLANATION OF COLUMNS.

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







## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1880.

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
				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.			
2 <sup>nd</sup>	Skudonau 0.45pm	-	-	-	-	-	29.51	-	56	53	-	WNW	2	0	2	-	-	-		
3 <sup>rd</sup>	The Helder...	29.69	57	WNW	2	h	29.77	+14	59	55	-1	N	1	bc	1	64	55	0.16		
4 <sup>th</sup>	Corunna...	*	*	*	*	*	29.95	-16	67	*	+1	NNW	1	c	1	*	*	*		
5 <sup>th</sup>	Corunna...	*	*	*	*	*	29.79	-16	62	*	-3	N	2	on	4	*	*	*		
-	Ljona...	29.95	69	N	1	h	29.93	?	59	55	-3	NE	1	h	*	73	48	-		
9 <sup>th</sup>	Wick...	29.54	58	NW	3	bc	29.86	+50	57	54	-4	NW	4	0	2	67	50	0.17		
10 <sup>th</sup>	Corunna...	*	*	*	*	*	30.11	-05	72	*	+7	?	?	h	5	*	*	*		
11 <sup>th</sup>	Corunna...	*	*	*	*	*	29.67	-44	73	*	+1	NNE	1	h	1	*	*	*		
12 <sup>th</sup>	Sumburgh Hd 0.45pm	-	-	-	-	-	30.38	-	68	65	-	S	1	bc	0	-	-	-		
13 <sup>th</sup>	Sumburgh Hd	30.36	63	E	1	bc	30.34	-03	57	57	-7	E	1	f	0	69	54	-		
-	Corunna...	*	*	*	*	*	29.97	+06	66	*	+2	NNE	2	h	1	*	*	*		
-	Sumburgh Hd 0.45pm	-	-	-	-	-	30.34	-	60	59	-	E	1	0	0	-	-	-		
14 <sup>th</sup>	Sumburgh Hd	30.31	60	NE	1	0	30.22	-12	59	57	+2	N	2	0	0	62	55	-		
-	Sumburgh Hd 0.45pm	-	-	-	-	-	30.22	-	60	56	-	NW	3	0	2	-	-	-		
15 <sup>th</sup>	Sumburgh Hd	30.20	59	NW	2	c	30.22	00	53	52	-6	ENE	2	f	2	64	50	-		
16 <sup>th</sup>	Sumburgh Hd	30.21	58	SSE	2	h	30.23	+01	56	55	+3	Z	0	0	0	62	50	-		
-	Parsonstown	30.10	70	Z	0	0	30.12	-03	61	60	-1	N	1	bc	*	74	54	0.01		
17 <sup>th</sup>	The Helder...	30.01	69	NNE	2	h	30.08	+05	67	64	+1	NNE	1	bc	2	72	64	-		
-	Corunna...	*	*	*	*	*	29.92	-07	64	*	?	W	2	0	1	*	*	*		
-	Ljona...	29.84	66	NNW	1	bc	29.95	+02	67	64	+5	NE	1	bc	*	84	57	-		
18 <sup>th</sup>	Corunna...	*	*	*	*	*	29.97	+05	67	*	+3	Z	0	c	2	*	*	*		
19 <sup>th</sup>	Corunna...	*	*	*	*	*	29.88	-09	65	*	-2	NW	1	0	2	*	*	*		
20 <sup>th</sup>	Haparanda...	29.95	57	W	2	h	29.93	+06	63	56	+6	ESE	2	h	*	68	48	-		
-	Hermesand	30.05	59	Z	0	h	29.99	-08	63	60	+2	SW	2	h	*	86	48	-		
-	Stockholm	30.04	64	SSE	2	c	30.04	-04	68	61	+4	W	2	h	*	79	54	-		
-	Wick...	30.01	61	N	2	bc	30.00	-02	65	60	+2	SSW	2	h	*	70	55	-		
-	Corunna...	*	*	*	*	*	30.01	+13	68	*	+3	Z	0	h	2	*	*	*		
-	Ljona...	29.88	80	N	1	bc	29.97	00	67	64	+5	N	1	m	*	88	58	-		
21 <sup>st</sup>	Corunna...	*	*	*	*	*	29.98	-03	65	*	-3	N	1	0	2	*	*	*		
-	Ljona...	29.87	76	S	1	0	29.98	+01	63	63	-4	SSW	1	f	*	92	58	0.71		
22 <sup>nd</sup>	Corunna...	*	*	*	*	*	29.99	+01	86	*	+21	NW	1	c	1	*	*	*		
23 <sup>rd</sup>	Jersy...	29.96	63	ENE	5	0	29.97	+02	63	62	0	ENE	3	0	3	66	60	0.02		
-	Corunna...	*	*	*	*	*	30.00	+01	66	*	-20	W	1	c	1	*	*	*		
24 <sup>th</sup>	Corunna...	*	*	*	*	*	29.94	-06	67	*	+1	ENE	1	c	2	*	*	*		
27 <sup>th</sup>	The Helder...	29.95	72	E	1	c	30.05	+11	?	61	?	E	1	h	1	77	64	-		
-	Corunna...	*	*	*	*	*	30.12	?	63	*	?	W	1	0	1	*	*	*		
-	Paris...	29.94	72	ENE	1	bc	30.09	+14	65	62	-2	NE	1	bc	*	*	*	-		
-	Ljona...	30.01	68	SE	1	0	30.08	+11	62	61	-2	E	1	bc	*	73	?	-		
28 <sup>th</sup>	Ljona...	30.06	71	N	1	h	30.12	+04	66	?	+4	N	1	h	*	78	56	-		



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

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
				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.		
2. CORRECTIONS																			
1 <sup>st</sup>	Toulon.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 <sup>rd</sup>	Barrow-in-Furness.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain	-
7 <sup>th</sup>	Parsonstown.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-
8 <sup>th</sup>	Hamm Junction.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03	-
5 <sup>th</sup>	Abirden.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-
9 <sup>th</sup>	Skudonau.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5	-	-	-
10 <sup>th</sup>	Jersey.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-
10 <sup>th</sup>	Oss.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-
11 <sup>th</sup>	Valencia.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-
11 <sup>th</sup>	Skudonau.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-	-
11 <sup>th</sup>	Androssau.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-
11 <sup>th</sup>	Barrow-in-Furness.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07	-
12 <sup>th</sup>	Oss.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-
12 <sup>th</sup>	Lorient.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-
13 <sup>th</sup>	Biarritz.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	-	-
13 <sup>th</sup>	Skudonau.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-
13 <sup>th</sup>	Wick.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-
13 <sup>th</sup>	Larn.....	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-
13 <sup>th</sup>	Brussels.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.0	-	-	-
13 <sup>th</sup>	Lyon.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	-	-	-
14 <sup>th</sup>	Stockholm.....	-	-	-	-	-	-	-	26.9	26.2	+ 1	-	-	-	-	-	-	-	-
14 <sup>th</sup>	Skudonau.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14 <sup>th</sup>	Shields.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-
14 <sup>th</sup>	Holyhead.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.6	-	-	-
14 <sup>th</sup>	Brest.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.3	-	-
18 <sup>th</sup>	Brest.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?	-	-
19 <sup>th</sup>	Rock's Point.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-
20 <sup>th</sup>	Cambridge.....	-	-	-	-	-	30.14	-0.02	-	-	-	-	-	-	-	-	-	-	-
20 <sup>th</sup>	Spurn Head.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-
21 <sup>st</sup>	Cambridge.....	-	-	-	-	-	-	-0.09	-	-	-	-	-	-	-	-	-	-	-
21 <sup>st</sup>	Stornoway.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05	-
21 <sup>st</sup>	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-
22 <sup>nd</sup>	Shields.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 <sup>nd</sup>	Spurn Head.....	-	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22 <sup>nd</sup>	The Belder.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2	-	-
22 <sup>nd</sup>	Lorient.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.74	-
24 <sup>th</sup>	Toulon.....	-	73	-	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-
24 <sup>th</sup>	Nottingham.....	-	-	-	-	-	30.12	0.00	-	-	-	-	-	-	-	-	-	-	-
25 <sup>th</sup>	Oss.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.9	-	-
25 <sup>th</sup>	Leith.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-	-	-
26 <sup>th</sup>	Spurn Head.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04	-
26 <sup>th</sup>	Dover.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-
27 <sup>th</sup>	Harmouth.....	-	-	-	-	-	29.93	-0.12	-	-	-	-	-	-	-	-	-	-	-
27 <sup>th</sup>	Spurn Head.....	-	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	0.12	-
27 <sup>th</sup>	Mullaghmore.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 <sup>th</sup>	Bodø.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.1	-	-
30 <sup>th</sup>	Toulon.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.7	-	-	-