

5732

METEOROLOGICAL OFFICE.

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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 1ST TO DEC 31ST 1880.



# DAILY WEATHER REPORT

1st SEPT

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).	Max.			Min.			
Haparanda	30.09	57	SW	2	0	30.05	-15	61	59	+ 6	W	2	b	*	68	52	-		
Hernösand	30.21	67	S	4	0	30.18	-18	62	60	+ 3	Z	0	bc	*	77	46	-		
Stockholm	30.28	63	WSW	2	b	30.27	-05	68	63	+ 7	SW	2	b	*	77	52	-		
Wisby	30.21	59	SE	2	b	30.26	+ 03	62	60	0	SW	2	b	*	70	50	-		
Bodö	30.04	58	Z	0	c	30.06	-12	53	52	- 1	SW	6	0	4	66	52	-		
Christiansund	30.19	62	SW	2	c	30.07	-09	62	58	+ 1	ESE	1	bc	2	63	50	-		
† Skudesnaes	30.18	66	SSH	2	c	30.12	-09	66	60	0	SSE	6	c	4	70	66	-		
Oxö (Klansund)	30.25	66	E	2	b	30.20	-05	64	61	+ 2	N	2	b	1	70	61	-		
Skagen (The Skaw)	30.25	60	SSE	2	b	30.22	-04	67	63	+ 1	SSE	3	b	0	75	57	-		
Fanö	30.18	63	SE	4	b	30.16	-04	65	60	+ 5	SSE	6	b	*	72	57	-		
Cuxhaven	30.20	71	SE	2	c	30.19	+ 01	61	59	- 4	SSE	1	b	*	72	55	-		
† Sumburgh Head	30.06	59	SE	4	0	29.90	-21	58	57	- 2	SE	4	0	5	66	55	-		
† Stornoway	29.92	65	SSE	3	om	29.81	-18	62	60	0	WSW	6	c	6	69	57	-		
Wick	30.01	59	SSE	5	bc	29.90	-20	62	59	+ 3	SSW	3	c	2	66	57	-		
Nairn	29.95	65	SE	1	b	29.90	-10	65	55	+ 7	Z	0	c	1	75	58	-		
† Aberdeen	30.07	63	S	2	b	29.98	-13	60	57	- 4	SSH	4	c	1	70	57	-		
Leith	30.04	67	SSE	1	bc	30.03	-06	65	61	0	SW	1	0	*	69	54	-		
† Shields	30.05	62	SE	1	m	30.10	+ 01	60	58	- 2	SW	2	c	2	66	54	-		
Spurn Head	30.07	63	NE	1	b	30.16	+ 12	64	62	- 1	SSW	1	bc	0	68	58	-		
York	30.06	63	SE	1	b	30.17	+ 10	58	57	- 1	S	1	c	*	77	53	-		
Nottingham	30.05	69	ENE	1	b	30.22	+ 14	62	60	+ 2	NE	1	m	*	76	50	-		
† Ardrossan	30.02	66	SSH	1	bc	30.03	-03	61	60	+ 2	SW	2	0	2	77	57	-		
† Mullaghmore	29.94	68	SSH	5	ogm	30.03	+ 04	60	58	0	NNW	5	og	4	70	59	0.02		
Donaghadee	30.03	61	SSE	2	bc	30.07	+ 01	61	60	+ 1	SW	3	r	1	65	57	-		
Parsonstown	30.00	68	S	2	c	30.08	+ 05	62	61	+ 3	S	1	bc	*	70	58	0.07		
Barrow-in-Furness	30.05	65	NW	2	b	30.15	+ 08	68	61	0	SW	4	0	3	74	60	-		
† Holyhead	30.04	64	SW	3	b	30.12	+ 08	63	62	+ 2	SSH	3	m	2	68	60	-		
Liverpool (Bishopston)	30.06	66	WNW	1	b	30.16	+ 10	62	59	+ 5	S	2	0	1	75	57	-		
† Valentia	30.00	64	SW	5	og	30.11	+ 14	61	61	- 4	NNW	2	odmg	2	67	59	0.54		
Roche's Point	30.05	67	SSH	4	0	30.10	+ 09	65	64	- 1	WSW	4	0	4	74	62	0.28		
Pembroke	30.09	64	SW	1	b	30.17	+ 13	63	61	+ 6	SSH	3	0	4	67	56	0.01		
† Scilly	30.12	66	SW	2	0	30.23	+ 23	66	63	+ 2	SW	4	c	3	72	60	-		
Prawle Point	30.05	63	WSW	3	f	30.29	+ 21	59	59	- 6	SSH	2	f	2	69	55	-		
Hurst Castle	30.11	64	N	2	b	30.25	+ 24	60	60	- 2	NNW	3	om	2	73	53	-		
† Dover	30.07	70	SW	1	b	30.24	+ 24	66	61	- 1	SW	3	b	2	71	60	-		
† London	30.08	72	W	1	bc	30.24	+ 20	65	61	+ 4	W	1	b	*	79	53	-		
Oxford	30.11	63	NW	1	b	30.22	+ 18	62	58	+ 4	SSH	1	bc	*	75	52	-		
Cambridge	30.05	74	NW	1	b	30.22	+ 21	62	60	+ 1	Z	0	b	*	77	51	-		
† Yarmouth	30.07	66	Z	0	b	30.20	+ 19	63	60	- 1	W	2	bc	2	69	54	-		
The Helder	30.12	68	ESE	1	b	30.17	+ 13	63	61	- 1	ESE	1	b	1	75	57	-		
Cape Gris Nez	30.09	65	SW	3	m	30.25	+ 23	61	61	- 3	SSH	4	f	2	72	61	-		
† Jersey	30.16	65	N	2	bc	30.32	+ 22	62	62	+ 2	WSW	1	f	1	63	57	0.01		
Brest																			
Lorient	30.14	68	NW	1	b	30.27	+ 21	60	59	- 4	ENE	3	m	1	73	57	-		
† Rochefort	30.15	75	NW	5	b	30.25	+ 18	65	62	0	NE	4	b	2	77	59	-		
Biarritz	30.11	71	N	1	bc	30.23	+ 17	66	64	+ 2	S	1	b	3	73	63	-		
Corunna	*	*	*	*	*	30.10		*	*		N	1	b	4	*	*	*		
Brussels	*	*	*	*	*	30.23	+ 23	62	60	- 2	SW	3	b	*	75	60	-		
Charleville	30.09	71	WSW	1	bc	30.25	+ 24	59	56	+ 1	SE	1	b	*	81	54	-		
Paris	30.10	75	N	4	b	30.32	+ 27	67	61	+ 1	N	1	b	*	*	*	-		
Lyons	30.08	68	N	1	b	30.24	+ 21	63	63	+ 2	N	1	f	*	79	56	0.08		
Toulon	30.07	70	Z	0	c	30.21	+ 23	66	65	- 2	E	3	m	2	77	64	-		

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

Hawes Junction	28.85	66	Z	0	0	28.90	+05	57	55	+3	SW	3	0	0	71	50	-
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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 ...	30.20	70	63	SSH	2	0	Valentia ...	29.97	65	62	SSE	6	0	6
Sumburgh Head	30.11	65	61	SE	3	0	Scilly ...	30.10	72	68	SSH	2	0	3
Stornoway ...	29.96	65	60	SSE	3	0	Dover ...	30.04	70	65	SW	1	0	0
Aberdeen ...	30.09	66	62	SSE	2	0	London ...	30.05	72	66	NNW	1	0	0
Shields ...	30.08	66	63	NE	1	0	Yarmouth ...	30.04	67	64	E	2	0	3
Ardrossan ...	30.03	73	63	SE	1	0	Jersey ...	30.14	63	61	WSW	2	0	2
Mullaghmore ...	29.98	70	63	NE	4	0	Rochefort ...	30.13	75	68	NW	4	0	1
Holyhead ...	30.07	66	63	WSW	4	0								

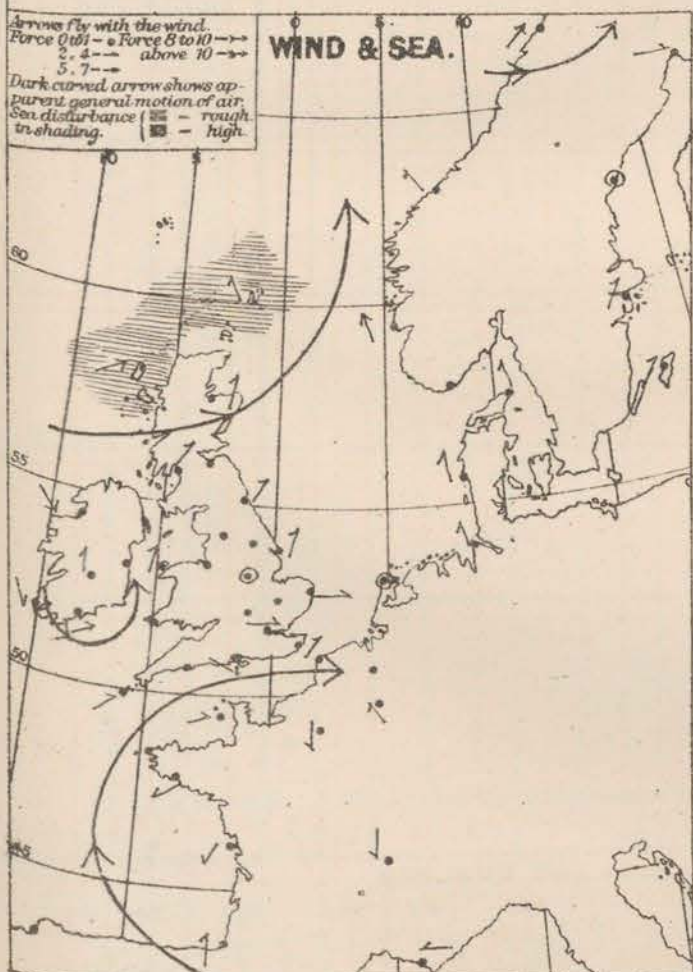
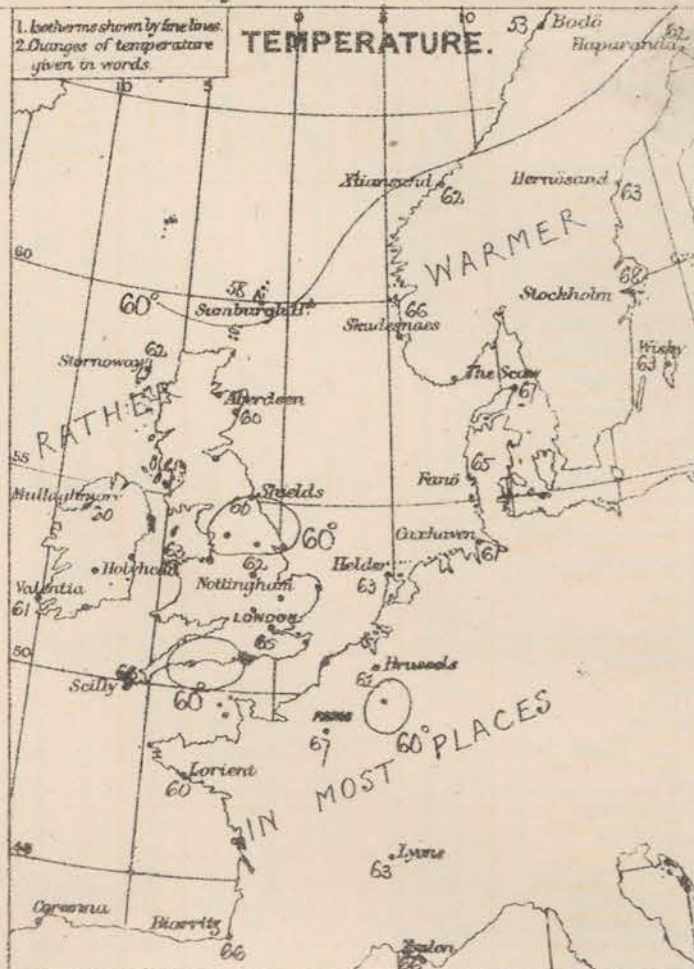
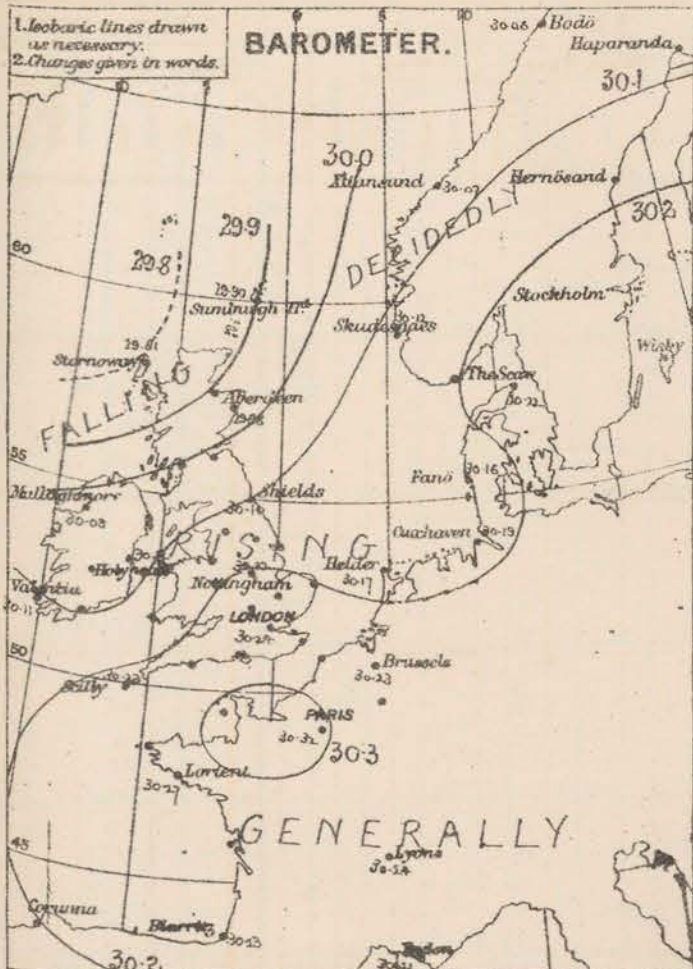
No important change beyond the clearing of the sky over the London district, and a freshening of the wind from SSE at Valentia, with gloomy weather and a rough sea.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 Wednesday 1<sup>st</sup> SEPT<sup>r</sup> 1880.



**REMARKS.** During the past 24 hours the barometer has fallen steadily at our N<sup>o</sup> stations and in the W. of Norway, where it has risen over our S<sup>o</sup> countries and France; and pressure is now uniformly high over France, while slight gradients for S.W. to N.W. winds prevail over the United Kingdom. Temperature has risen a little in many parts of our Islands, fallen slightly over the Channel and N. of France, and readings vary from 60 to 65 in all parts of the Kingdom. The maxima for yesterday was as high as 79 in London, 77 at Dover and York, 74 to 76 in many other places. As our N.E. coasts they varied from 66 to 69. The wind is now S.W. to N.W. over our Islands generally - very light and variable over our S<sup>o</sup> and E<sup>o</sup> coasts, moderate elsewhere. Rain has fallen at the high stations - most in the S. and continues in a few places. The sky is overcast generally in the W., foggy or hazy in the Channel, clear or nearly so over England. The sea is rough in the far N., moderate off the W. and S. of Iceland, smooth at Holyhead and Dover.

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 2<sup>ND</sup> SEPT<sup>R</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 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.			
Haparanda	29.98	53	Z	0	b	29.90	- .08	61	62	- .07	N	2	0	•	72	43	-		
Hernösand	29.97	53	Z	0	b	29.86	- .11	59	66	- .04	Z	0	0	•	75	50	-		
Stockholm	29.95	64	SSW	2	b	29.84	- .11	65	62	0	SW	4	c	•	77	57	-		
Wisby	29.97	64	SE	4	b	29.90	- .07	66	63	+ .03	WSW	4	c	•	77	52	-		
Bodo	29.93	64	SE	2	c	29.71	- .22	63	62	0	SW	2	c	2	54	50	-		
Christiansund	29.90	64	SE	1	0	30.02	- .08	62	53	- .05	N	7	0	3	68	48	-		
† Skudesnaes	30.02	64	SSW	6	0	30.10	+ .04	61	64	- .05	WN	6	c	3	72	51	-		
Oxö (Kisavund)	30.18	64	WSW	4	c	30.13	- .07	64	61	0	WSW	2	c	1	68	61	-		
Skagen (The Skaw)	30.14	63	WSW	3	b	30.12	- .02	65	63	- .02	WSW	3	c	1	73	54	-		
Fanö	30.22	63	N	1	b	30.28	+ .07	66	64	+ .01	N	2	m	•	70	61	-		
Cuxhaven	30.32	71	N	1	c	30.32	+ .00	65	64	+ .04	WSW	2	c	•	72	57	-		
† Sumburgh Head	29.98	58	WNW	0	0	29.98	+ .00	59	64	- .01	SW	3	0	4	65	51	-		
† Stornoway	30.08	61	N	5	0	30.15	+ .07	58	66	- .04	SSW	5	c	4	66	54	-		
Wick	30.13	58	WN	4	0	30.25	+ .12	57	65	- .05	WSW	1	0	0	69	47	-		
Nairn	30.13	61	SW	1	0	30.27	+ .14	64	65	- .11	Z	0	0	0	72	45	-		
† Aberdeen	30.11	65	NNE	1	c	30.28	+ .17	57	53	- .03	SW	1	0	0	72	52	-		
Leith	30.16	64	WNW	2	0	30.30	+ .14	55	52	- .10	N	1	0	•	70	50	-		
† Shields	30.14	67	SSW	3	c	30.28	+ .14	59	57	- .01	WN	2	0	2	70	56	0.02		
Spurn Head	30.21	67	WSW	3	c	30.28	+ .07	65	64	+ .01	WSW	2	c	1	73	64	-		
York	30.20	66	SW	1	0	30.26	+ .06	65	64	+ .07	WNW	1	c	•	72	58	0.01		
Nottingham	30.26	68	N	1	0	30.32	+ .06	68	66	+ .06	WSW	3	c	•	77	60	-		
† Ardrossan	30.16	60	WN	1	0	30.29	+ .13	56	53	- .06	SE	1	0	0	62	47	-		
† Mullaghmore	30.20	61	WNW	3	0	30.22	+ .02	62	58	+ .02	SSE	5	0	3	65	57	-		
Donaghadee	30.21	59	N	2	c	30.31	+ .10	57	56	- .04	NE	2	0	0	66	47	0.04		
Parsonstown	30.21	65	Z	0	0	30.25	+ .04	64	63	+ .02	ESE	1	0	•	69	57	-		
Barrow-in-Furness	30.19	63	SW	3	c	30.27	+ .08	61	60	- .02	NE	1	0	2	63	58	0.15		
† Holyhead	30.19	62	SSW	3	f	30.25	+ .06	63	62	0	S	1	0	0	63	60	0.18		
Liverpool (Bilston)	30.20	67	SW	1	0	30.29	+ .09	64	62	+ .02	SSW	1	0	0	67	61	0.03		
† Valentia	30.20	64	WNW	2	0	30.26	+ .06	65	64	+ .04	SSW	4	0	4	69	60	-		
Roche's Point	30.20	66	WSW	4	0	30.26	+ .06	65	64	0	WSW	3	0	4	70	63	0.18		
Pembroke	30.20	68	SSW	5	0	30.30	+ .10	63	63	0	SSW	3	c	5	64	62	0.09		
† Scilly	30.30	65	SW	4	c	30.34	+ .04	68	66	+ .02	SSE	2	c	3	71	62	-		
Prawle Point	30.34	59	SSW	2	f	30.40	+ .06	59	59	0	WSW	1	f	1	67	56	-		
Hurst Castle	30.26	62	WNW	3	0	30.37	+ .11	61	60	+ .01	N	2	0	1	68	60	-		
† Dover	30.28	63	WSW	3	b	30.35	+ .07	60	59	- .06	SW	3	0	2	68	59	-		
† London	30.28	66	SW	2	0	30.36	+ .08	66	63	+ .01	N	1	0	•	75	53	-		
Oxford	30.32	66	SSW	1	0	30.34	+ .02	64	61	+ .02	SW	2	0	•	73	62	-		
Cambridge	30.25	68	WSW	1	0	30.35	+ .10	68	64	+ .06	SW	1	0	•	82	57	-		
† Yarmouth	30.24	70	S	1	b	30.31	+ .07	66	63	+ .03	WSW	1	0	1	78	61	-		
The Helder	30.28	66	SW	1	b	30.31	+ .03	65	64	+ .02	SW	1	0	1	72	57	-		
Cape Gris Nez	30.30	62	SW	4	c	30.37	+ .07	60	60	- .01	SW	4	c	1	66	57	-		
† Jersey	30.36	63	WNW	1	b	30.42	+ .06	60	60	- .02	NE	1	f	1	69	57	-		
Brest	30.35	64	WNW	3	m	30.36	- .01	59	57	0	E	3	0	3	73	54	-		
Lorient	30.30	67	N	1	0	30.34	+ .04	60	59	0	ESE	4	0	1	72	59	-		
† Rochefort	30.26	75	WNW	4	b	30.32	+ .07	65	61	0	E	3	0	2	81	59	-		
Biarritz	30.22	74	NE	3	b	30.26	+ .03	67	65	+ .01	S	3	0	2	82	63	-		
Corunna	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels	•	•	•	•	•	30.39	+ .16	57	56	- .05	WNW	1	f	•	78	55	-		
Charleville	30.29	63	NW	1	m	30.28	+ .01	59	56	0	NE	1	0	•	81	62	-		
Paris	30.31	74	N	1	b	30.42	+ .11	59	59	?	N	?	?	•	•	•	-		
Lyons	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Toulon	30.26	69	Z	0	0	30.31	+ .05	69	?	+ .03	Z	0	0	1	75	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	29.96	60	WSW	4	0	29.96	+ .00	57	64	0	Z	0	c	•	61	54	0.08		

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

Hawes Junction	29.96	60	WSW	4	0	29.96	+ .00	.05	.64	0	Z	0	c	•	•	61	54	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.		
Skudesnaes ...	30.08	67	64	SSE	8	cm	5	Valentia ...	30.15	68	64	N	2	c	3
Sumburgh Head	29.98	60	57	SE	4	c	5	Scilly ...	30.28	71	67	SW	4	c	3
Stornoway ...	29.96	65	56	W	4	c	4	Dover ...	30.28	66	63	SW	3	0	2
Aberdeen ...	30.02	68	63	SW	3	c	1	London ...	30.27	69	64	SW	3	c	•
Shields ..	30.10	66	62	SW	4	0	2	Yarmouth ..	30.23	76	67	WSW	2	0	1
Ardrossan ...	30.08	61	60	SW	3	0	2	Jersey ...	30.31	64	63	E	1	0	1
Mullaghmore ...	30.13	65	59	NW	3	c	3	Rochefort ...	30.30	81	73	NW	3	0	1
Holyhead ...	30.15	63	62	SSW	3	c	2								

The depression in the N. is moving away to the NE, and the shallow subsidiary disturbance noticed over Ireland this morning is now near Wales, so that while the weather is clearing at the Irish stations, slight rain is falling at Holyhead. Sea is smooth except in the far N.

### EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. 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 5 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

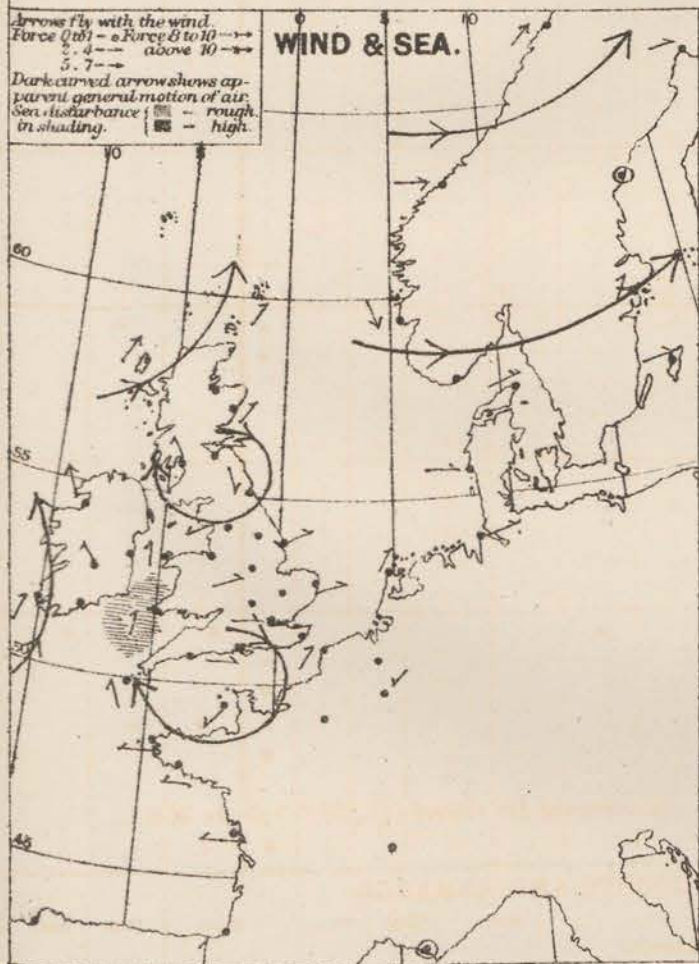
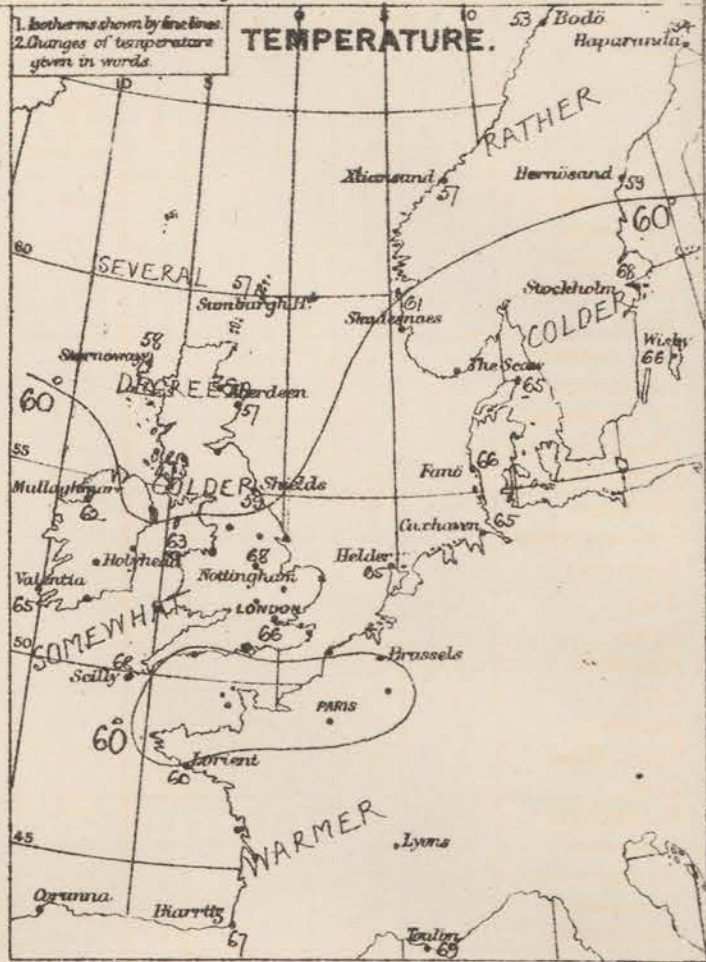
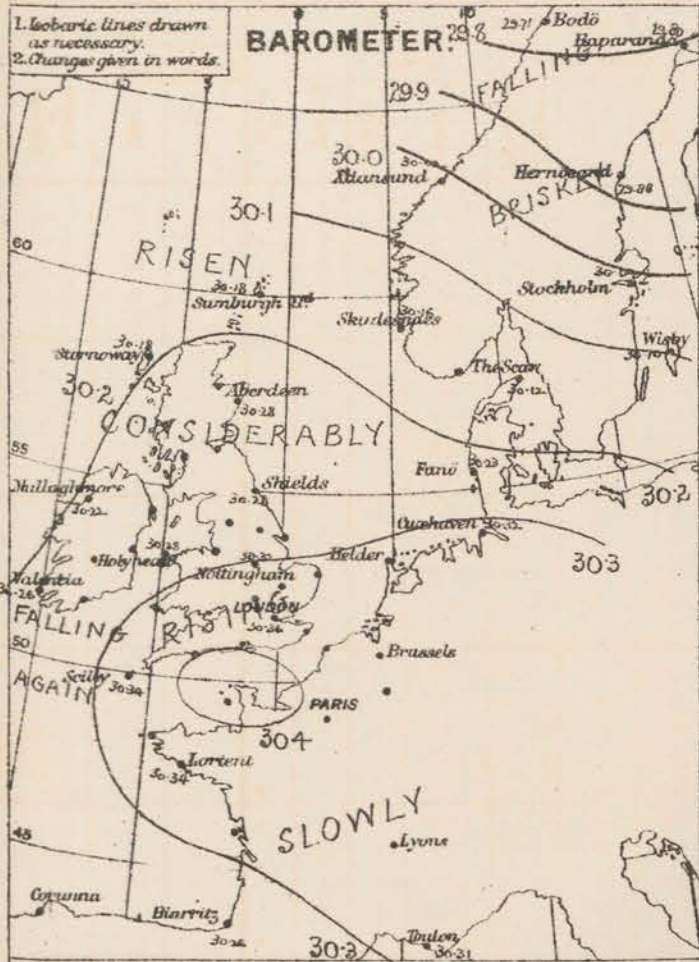
† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

† Received too late for insertion in Chart.



WEATHER CHARTS for 8 a.m. on Thursday 2<sup>ND</sup> SEPT<sup>R</sup> 1880.



REMARKS. The depressions noticed over our N<sup>w</sup> and NNW<sup>w</sup> districts yesterday have disappeared entirely from our neighbourhood, and the barometer has risen in all districts - most in the N. Readings over vary from 30.4 ins. over the English Channel to 30.2 ins. over our extreme NW coasts, and to about 29.7 ins. over the N<sup>w</sup> parts of Scandinavia. In the S. of Ireland the rise seems to have ceased. Temperature has fallen several degrees at our N<sup>w</sup> stations during the night, but is rising in Ireland. The maximum readings recorded yesterday were as high as 82° at Cambridge and 78° at Gammoth, but varied from 70° to 75° in most parts of Great Britain, while in Ireland they ranged from 65° to 69°. Variable W and SW air prevails over England this morning, while in Ireland the wind after veering to NW yesterday, has backed suddenly to the E<sup>nd</sup>, and an unsettled appearance. A little rain has fallen at several of our N<sup>w</sup> and NE<sup>w</sup> stations. The sky is now rather cloudy except on our NE coasts, overcast and gloomy in Ireland: in France it is clear. The sea is moderate in the SW. smooth at Holyhead and Down.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

3<sup>RD</sup> SEPT

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 8 a.m. 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	29.00	51	NN	2	0	29.58	- .22	50	48	- .4	W	4	0	5	45	-		
Hernösand	30.00	56	NNN	2	0	29.77	+ .11	55	49	- .4	W	4	0	7	40	-		
Stockholm	30.01	60	NNN	4	0	30.06	+ .02	58	52	- .4	NNE	2	0	77	?	0.04		
Wisby	30.03	67	N	2	0	30.00	- .03	64	53	- .2	ENE	2	0	73	59	-		
Bodö	29.09	50	SW	8	1	29.58	- .18	51	47	- .2	WSW	9	0	54	46	0.11		
Christiansund	30.07	54	NSW	4	1	29.99	- .03	56	51	- .1	SW	4	0	59	45	0.03		
† Skudesnaes	30.19	56	NN	2	0	30.09	- .07	57	53	- .4	SSE	6	1	63	55	-		
Orö (Xtiansund)	30.12	62	N	4	0	30.15	+ .02	58	57	- .6	W	2	0	68	59	-		
Skagen (The Skaw)	30.08	63	NNN	5	0	30.13	+ .01	62	56	- .3	NNN	2	0	70	55	-		
Fanö	30.16	64	NN	1	0	30.21	- .01	69	61	+ .3	SW	1	0	70	57	-		
Cuxhaven	30.34	73	NN	2	m	30.31	- .01	67	66	+ .2	WSW	1	0	72	63	-		
† Sumburgh Head	30.14	55	SW	2	0	29.94	- .24	58	58	+ .1	WSW	3	1	61	53	0.17		
† Stornoway	30.03	56	SSE	5	1	30.08	- .15	60	57	+ .2	SW	4	0	60	55	0.11		
Wick	30.12	58	SW	2	0	30.05	- .20	62	58	+ .5	NN	5	0	63	55	-		
Nairn	30.10	60	2	0	0	30.09	- .18	63	58	+ .9	W	2	0	65	53	0.03		
† Aberdeen	30.17	62	S	2	0	30.10	- .18	68	64	+ .11	S	1	0	68	57	-		
Leith	30.17	61	L	0	0	30.15	- .15	68	63	+ .11	NN	4	0	69	54	-		
† Shields	30.22	63	S	1	0	30.20	- .08	64	62	+ .5	WSW	2	0	66	56	-		
Spurn Head	30.26	64	SSE	2	0	30.25	- .03	60	60	0	WSW	1	0	71	61	-		
York	30.26	71	SSW	1	0	30.25	- .01	66	64	+ .1	W	1	0	75	61	-		
Nottingham	30.28	72	NNN	1	0	30.27	- .05	67	64	- .1	SW	1	0	81	58	-		
† Ardrossan	30.18	61	SSW	1	0	30.17	- .12	62	61	+ .7	SW	2	0	66	54	-		
† Mullaghmore	30.14	62	SW	5	0	30.12	- .10	65	63	+ .3	SW	4	0	71	61	0.02		
Donaghadee	30.20	61	SW	3	0	30.20	- .11	62	62	+ .5	SW	2	0	65	59	0.04		
Parsonstown	30.20	71	SW	1	0	30.18	- .07	62	60	- .2	S	1	0	76	61	0.13		
Barrow-in-Furness	30.24	65	SW	2	0	30.24	- .03	63	62	+ .2	SW	2	0	69	60	-		
† Holyhead	30.25	64	E	4	m	30.23	- .05	61	61	- .2	SSW	8	m	66	60	0.08		
Liverpool (Bilston)	30.25	69	W	1	0	30.24	- .05	60	60	- .4	ESE	1	f	72	58	-		
† Valentia	30.22	65	S	5	omg	30.14	- .12	64	61	- .1	SSE	4	0	67	61	0.05		
Roche's Point	30.27	66	SW	3	0	30.19	- .07	64	62	- .1	S	4	0	71	62	0.06		
Pembroke	30.30	62	SSW	3	0	30.24	- .06	60	59	- .3	SE	2	0	64	59	0.07		
† Scilly	30.33	60	SE	2	f	30.21	- .13	62	62	- .6	ESE	4	f	69	58	-		
Prawle Point	30.35	63	WSW	3	f	30.27	- .13	66	62	+ .7	ENE	2	0	68	55	-		
Hurst Castle	30.33	64	N	2	0	30.29	- .08	62	61	+ .1	WSW	2	0	66	54	-		
† Dover	30.32	63	WSW	3	0	30.29	- .09	67	62	+ .7	WSW	1	0	68	56	-		
† London	30.32	74	SW	2	0	30.28	- .08	67	62	+ .1	L	0	0	82	59	-		
Oxford	30.30	68	N	1	0	30.26	- .08	67	63	+ .3	L	0	0	77	56	-		
Cambridge	30.25	75	SW	1	0	30.26	- .09	66	64	- .2	SW	1	0	81	58	-		
† Yarmouth	30.29	64	2	0	0	30.29	- .02	68	66	+ .2	SSW	1	0	75	63	-		
The Helder	30.32	66	WSW	1	0	30.30	- .01	66	64	+ .1	SW	1	0	72	59	-		
Cape Gris Nez																		
† Jersey	30.34	70	2	0	0	30.28	- .14	69	65	+ .9	NE	1	0	73	58	-		
Brest	30.32	71	ENE	3	0	30.25	- .11	65	61	+ .6	SE	4	0	73	?	-		
Lorient	30.25	73	2	0	0	30.19	- .15	64	60	+ .4	E	4	0	82	59	-		
† Rochefort	30.25	82	E	4	0	30.19	- .13	66	64	+ .1	ESE	5	0	79	61	-		
Biarritz																		
Coronna																		
Brussels						30.32	- .07	66	63	+ .9	NN	1	0	74	57	-		
Charleville	30.32	75	NN	1	0	30.33	- .05	60	56	+ .1	SE	1	0	80	55	-		
Paris	30.33	76	NNE	3	0	30.30	- .12	68	63	?	NNE	1	0	81	59	-		
Lyons	30.25	71	NE	1	0	30.29	- .04	62	62	- .5	NE	1	f	81	59	-		
Toulon	30.28	75	2	0	0	30.26	- .05	73	62	+ .4	E	4	0	81	64	-		

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

Hawes Junction	29.03	61	WSW	3	1	29.01	- .05	60	60	+ .3	WSW	3	1	0	60	57	0.19
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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 ...	30.20	63	54	NW	6	0	Valentia ...	30.26	66	64	SSW	3	om	4
Sumburgh Head	30.18	60	55	WSW	4	0	Scilly ...	30.35	66	63	S	2	f	3
Stornoway ...	30.14	60	56	SSW	5	0	Dover ...	30.37	67	64	NNW	2	b	1
Aberdeen ...	30.26	62	59	S	2	0	London ...	30.32	74	67	W	1	bc	0
Shields ...	30.28	62	59	E	1	bc	Yarmouth ...	30.31	74	68	W	1	b	1
Ardrossan ...	30.24	65	59	2	0	0	Jersey ...	30.40	68	66	ESE	1	bc	1
Mullaghmore ...	30.19	65	63	SSW	5	tg	Rochefort ...	30.28	92	76	ENE	4	b	1
Holyhead ...	30.33	65	64	SSW	3	m								

Pressure remains very unsteady in Ireland, but is inclined to decrease a little over the inland part of England and France, where the weather has become very warm and the sky clear.

## 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.

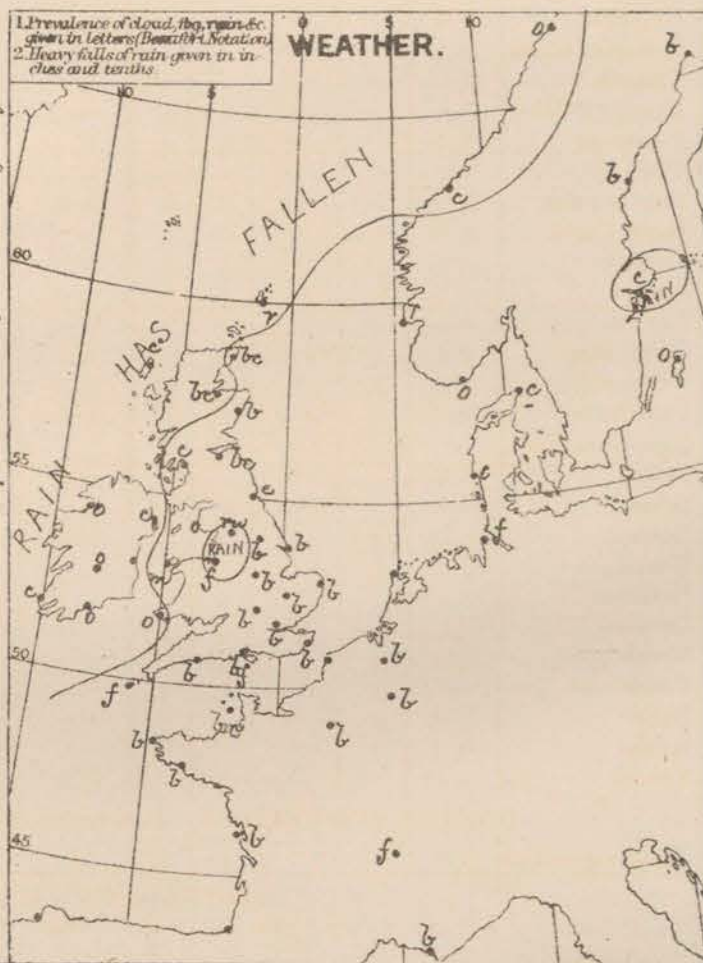
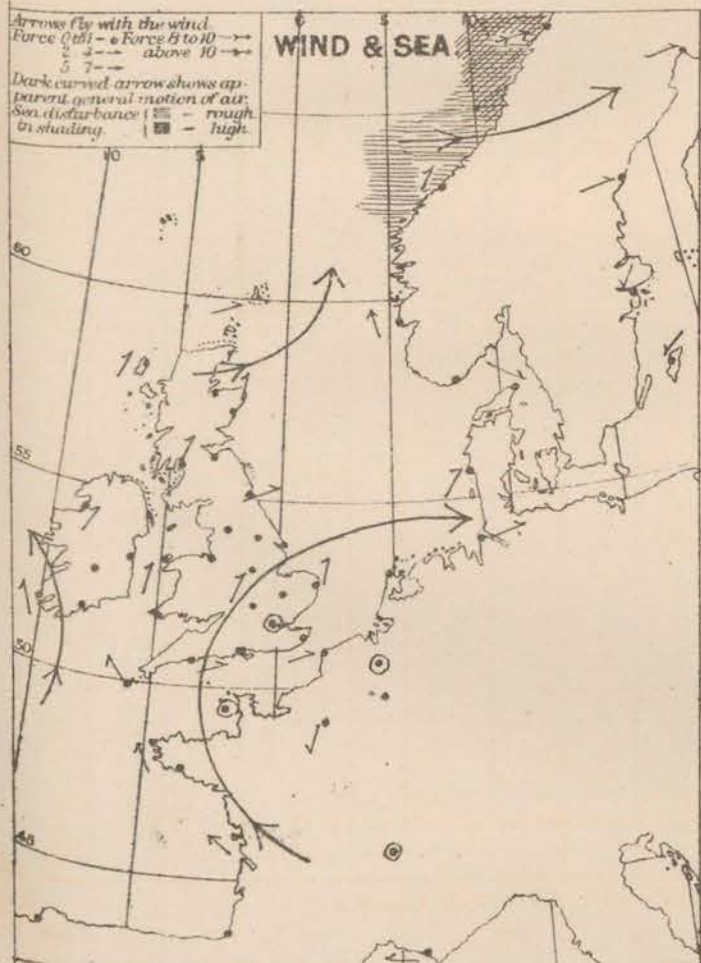
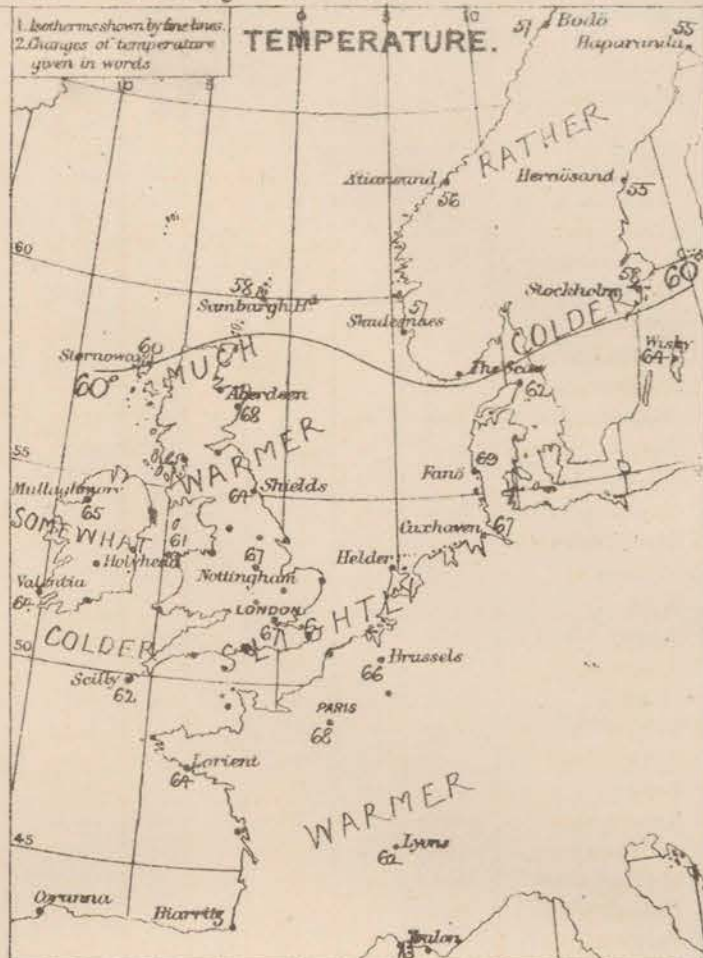
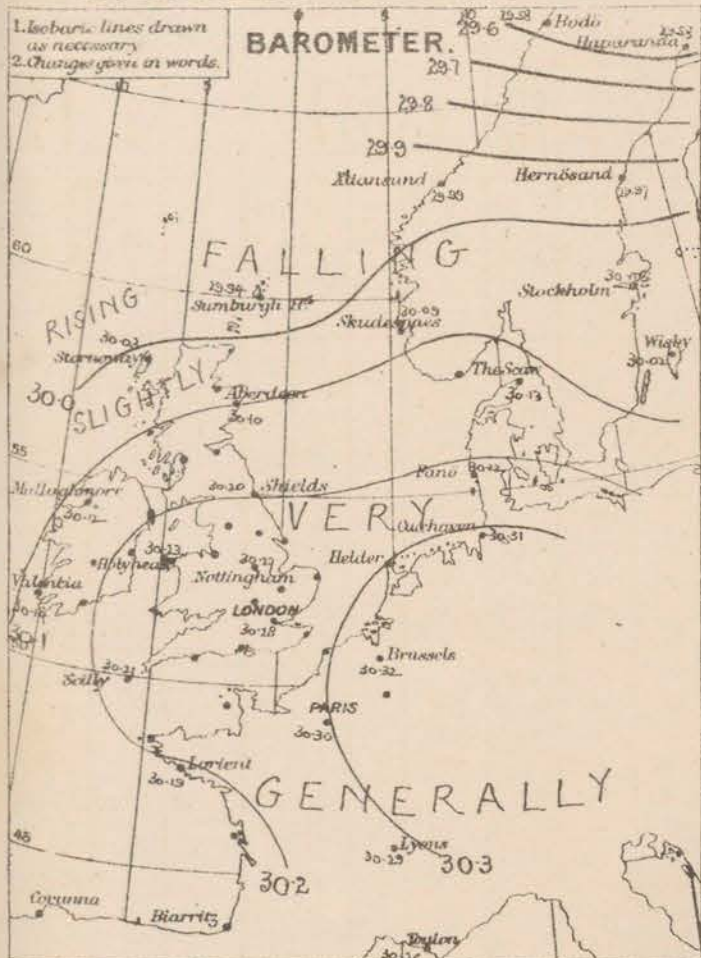
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ 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 Friday 3<sup>rd</sup> SEPT<sup>r</sup> 1880.



A dotted line is drawn around the coast of the British Isles and the word 'falling' is written across it.

**REMARKS.** Since yesterday morning barometric pressure has decreased somewhat over the whole of our islands - very slightly in the E, but more decidedly in the W. and N. Readings are now uniformly high over Germany, France and England, and though a slight recovery has occurred at Stromness in the night a fresh fall has commenced on our SW coast. Temperature has risen briskly in the N. from the fall noticed there yesterday, and to a less extent over our SE coasts, and the weather is warm generally for the time of year. The maximum readings recorded yesterday were as high as 82° in London, 81° at Nottingham and Cambridge and 75° at York; in Scotland they varied from 60° to 68°, but in central Ireland reached 76°. Wind is S (SW to SE) over our islands - light in England moderate elsewhere, while in the Bay of Biscay it is E to SE. Some rain has fallen on our NW and W coasts, and continues at Sumburgh Head. The sky is still very cloudy on our W and NW coasts, clear over France, England and Scotland, foggy at Scilly. The sea is moderate in the SW, W and N, smooth at Holyhead and Dover.

The S. coast was visited on our eastern N. and NW coasts.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

4th SEPT

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	29.40	49	W	4	b	29.97	+ .39	42	40	- 8	N	4	c	*	59	36	—		
Hernösand	29.41	57	NNW	4	b	30.05	+ .11	54	52	- 1	NN	4	c	*	68	46	—		
Stockholm	29.97	59	W	4	b	30.05	+ .02	59	52	+ 1	NN	2	b	*	68	52	—		
Wisby	30.02	61	NNW	6	o	30.02	00	62	58	- 2	NN	4	b	*	73	55	—		
Bodo	29.82	46	N	2	o	29.95	+ .37	45	42	- 6	SE	2	c	1	?	41	0.16		
Christiansund	30.00	54	SW	3	f	29.97	- .02	54	53	- 2	SE	3	f	3	59	46	0.05		
† Skudesnaes	30.09	61	NNW	4	c	30.07	- .02	63	61	+ 6	SSE	6	o	4	68	57	—		
Oxö (Klansund)	30.09	63	NNW	4	c	30.13	- .02	56	?	- 2	N	2	b	1	?	58	0.08		
Skagen (The Skaw)	30.09	62	N	4	b	30.12	- .01	62	62	+ 2	W	3	bc	2	66	57	—		
Fanö	30.19	65	W	1	o	30.19	- .03	67	64	- 2	W	1	c	*	72	61	—		
Cuxhaven	30.32	71	NN	1	m	30.25	- .06	67	66	- 2	ESSE	1	f	*	70	59	—		
† Sumburgh Head	30.04	57	SW	2	o	29.94	00	58	56	0	S	1	c	1	60	34	—		
† Stornoway	29.97	63	SW	7	bc	29.88	- .08	60	60	0	ENE	2	o	?	64	58	—		
Wick	30.04	62	S	2	bc	29.95	- .10	62	60	0	2	0	b	0	69	53	—		
Nairn	30.05	67	W	1	b	29.97	- .12	60	56	- 3	2	0	b	0	64	53	—		
† Aberdeen	30.06	72	SSW	2	b	30.00	- .10	65	61	- 3	S	1	bc	1	77	53	—		
Leith	30.10	67	SW	1	b	30.02	- .13	56	55	- 10	N	1	f	*	77	55	—		
† Shields	30.14	67	SSE	2	m	30.03	- .17	62	60	- 2	NNW	2	m	0	76	56	—		
Spurn Head	30.18	65	SSE	3	c	30.07	- .18	66	65	+ 1	SSE	1	b	0	73	61	—		
York	30.15	75	SSW	1	b	30.07	- .18	62	60	- 4	S	1	b	*	80	57	—		
Nottingham	30.16	75	S	1	b	30.07	- .20	68	64	+ 1	S	1	b	*	85	59	—		
† Ardross	30.10	64	SW	1	b	29.98	- .19	58	57	- 4	ENE	1	bc	1	67	52	—		
† Mullaghmore	30.04	70	S	4	b	29.87	- .25	65	62	0	SE	5	b	4	71	61	—		
Donaghadee	30.12	63	S	3	c	30.00	- .20	58	53	- 4	SE	3	f	1	70	52	0.01		
Parsonstown	30.06	72	S	1	b	29.88	- .30	65	62	+ 3	SSE	1	c	*	73	56	—		
Barrow-in-Furness	30.15	67	NNW	2	b	30.05	- .19	61	58	- 2	NE	2	b	2	70	58	—		
† Holyhead	30.14	66	SW	1	b	29.97	- .26	63	61	+ 2	2	0	b	0	68	58	—		
Liverpool (Gidston)	30.14	64	NNW	1	b	30.01	- .23	62	59	+ 3	ESE	2	b	1	76	57	—		
† Valentia	30.00	67	SSE	4	bc	29.80	- .34	66	56	+ 2	SE	7	omw	6	69	52	—		
Roche's Point	30.04	65	SSE	4	a	29.86	- .33	66	64	+ 2	SE	5	c	4	70	63	0.04		
Pembroke	30.12	68	SW	3	c	? 29.94	- .39	66	63	+ 6	ESE	4	b	3	71	59	—		
† Scilly	30.07	65	E	5	b	29.94	- .27	66	65	+ 4	E	4	c	4	68	60	—		
Prawle Point	30.15	65	ENE	4	m	29.98	- .29	69	66	+ 3	ENE	3	m	3	73	62	—		
Hurst Castle	30.17	70	ESE	1	b	30.01	- .28	68	66	+ 6	? SE	3	bm	4	72	62	—		
† Dover	30.21	68	NE	2	b	30.06	- .23	71	65	+ 5	NE	2	b	1	72	64	—		
† London	30.17	75	SSE	2	b	30.05	- .23	69	65	+ 2	2	0	m	*	84	60	—		
Oxford	30.16	67	2	0	b	30.01	- .25	68	62	- 1	2	0	b	*	81	52	—		
Cambridge	30.13	75	SE	1	b	30.06	- .20	67	67	+ 1	SE	1	b	*	85	58	—		
† Yarmouth	30.20	67	S	2	b	30.12	- .17	67	65	- 1	SSE	1	b	1	75	64	—		
The Heider	30.26	67	W	1	b	30.16	- .14	69	67	+ 3	ESE	1	b	1	72	63	—		
Cape Gris Nez	30.21	66	ENE	1	b	30.08	- .13	70	65	- 3	SE	4	m	2	73	61	—		
† Jersey	30.13	70	ENE	3	b	30.01	- .27	71	67	+ 2	E	2	b	3	81	65	—		
Brest	30.08	74	SE	3	b	29.91	- .34	67	64	+ 2	ESE	4	c	3	81	?	—		
Lorient	30.04	75	SE	4	b	29.99	- .27	69	67	+ 3	SSE	4	bc	1	82	63	—		
† Rochefort	30.08	77	SE	4	b	30.05	- .14	?	66	?	SE	?	?	2	93	63	—		
Biarritz																			
Corunna																			
Brussels						30.13	- .19	69	63	+ 3	SSE	1	b	*	81	64	?		
Charleville	30.22	76	E	1	b	30.15	- .07	68	57	0	E	1	b	*	84	56	—		
Paris	30.18	77	NE	1	b	30.12	- .06	73	65	+ 5	ESE	1	b	*	87	58	—		
Lyons	30.18	75	SE	1	b	30.21	- .08	67	63	+ 5	SE	1	b	*	87	56	—		
Toulon	30.25	73	SE	1	b	30.26	00	70	64	- 3	NE	4	b	1	77	64	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	28.95	69	2	0	b	28.83	- .18	63	60	+ 3	NE	1	bc	*	72	4	0.04		

## HIGH LEVEL STATION.

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

Hawes Junction	28.95	69	2	0	b	28.83	- .18	63	60	+ 3	NE	1	bc	*	72	44	0.04
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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 ...	30.05	67	63	WSW	4	om	Valentia ...	30.10	68	63	SE	4	bc	5
Sumburgh Head	30.03	58	56	NN	2	c	Scilly ...	30.16	67	65	E	6	bm	4
Stornoway ...	29.99	64	62	SW	6	c	Dover ...	30.26	70	62	Z	0	b	0
Aberdeen ...	30.09	75	67	S	3	b	London ...	30.24	68	65	SW	1	b	*
Shields ...	30.19	76	69	Z	0	bc	Yarmouth ...	30.27	69	65	SSE	4	b	1
Ardrossan ...	30.16	65	63	SW	1	o	Jersey ...	30.22	79	70	E	2	b	2
Mullaghmore ...	30.13	66	62	SSW	4	om	Rochefort ...	30.13	92	76	ESE	2	b	1
Holyhead...	30.23	65	62	SW	3	m								

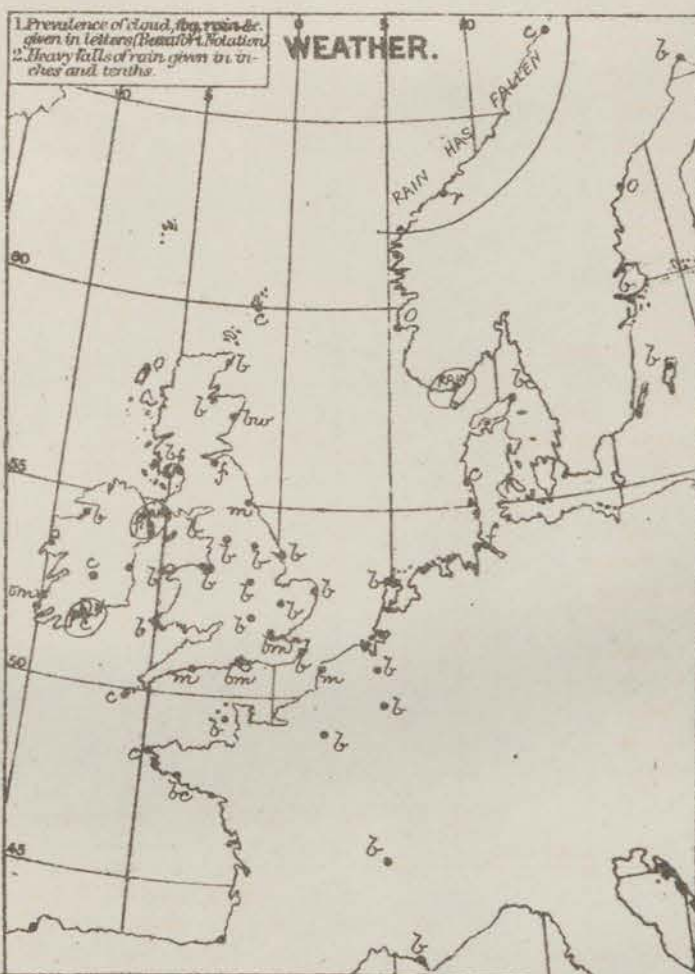
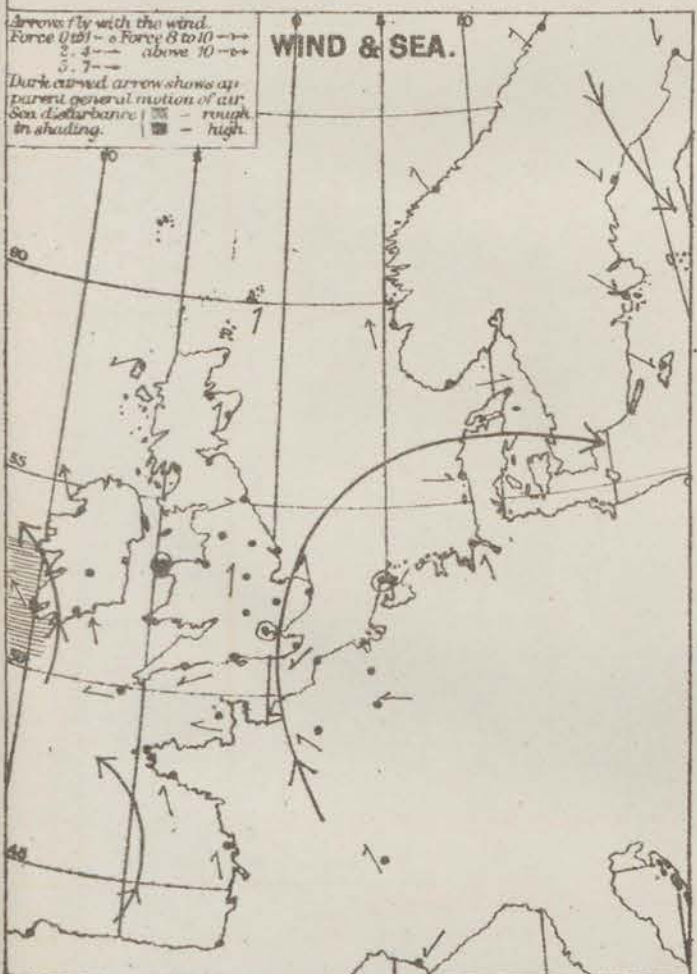
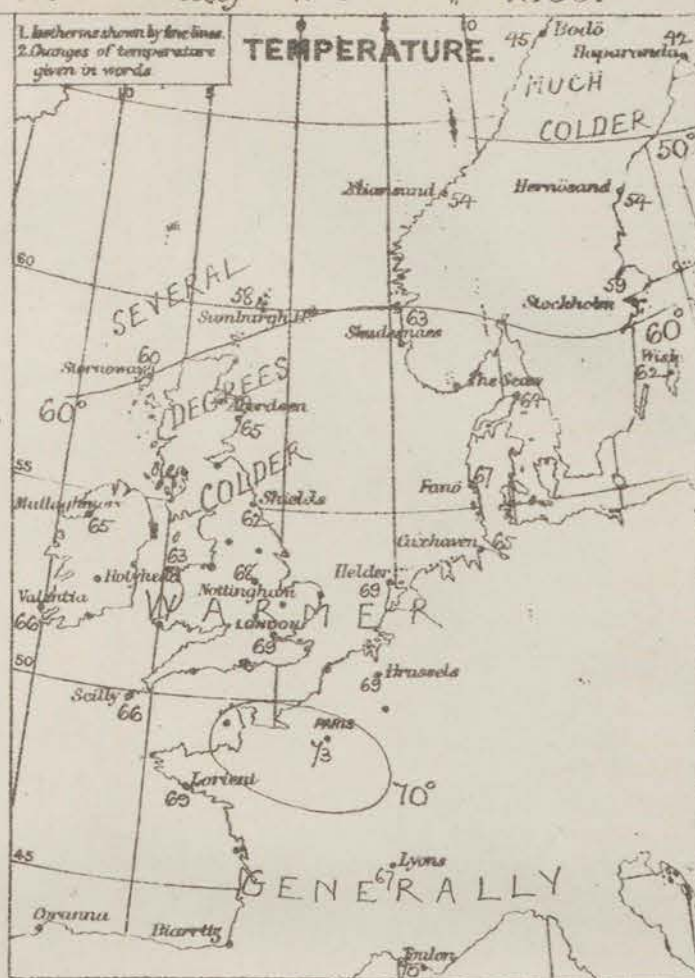
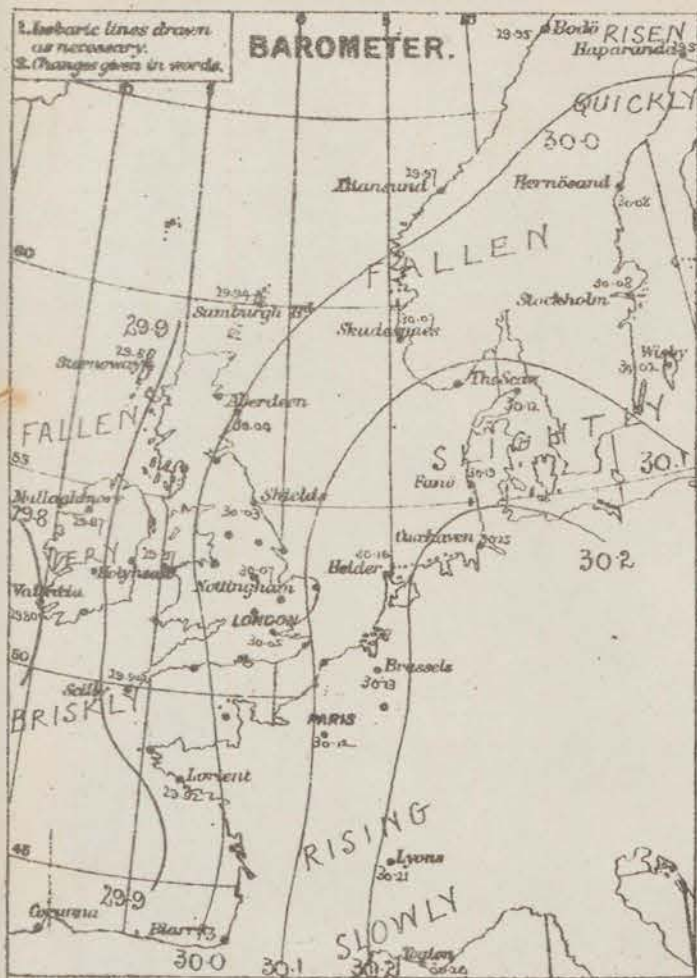
The barometer has begun to fall again in the extreme north-west of our Islands, with a freshening SW wind, but fair weather, and continues to fall in the SW and S, with an increasing E breeze at Scilly, but very fine weather. There is apparently a depression over the Bay of Biscay moving NEward.

## 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); 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, at 9 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 Saturday 4. SEPT<sup>R</sup> 1880.



REMARKS

REMARKS The depression noticed in the NW yesterday has passed away to the N<sup>o</sup>, but a new and larger one is now approaching our W<sup>o</sup> coast causing the barometer to fall very briskly in those regions and slowly over our most E<sup>o</sup> stations. There also seems to be a shallow secondary disturbance off the NW coast of France. Thus, while S<sup>SE</sup> breezes are setting in over Ireland, E breezes are felt in the Channel. S<sup>o</sup> and W<sup>o</sup> airs on our NE coasts, calm and variable airs in Scotland. Temperature has risen generally, and is high for the time of year. The maximum readings recorded yesterday were 83° at <sup>(Cambridge & Dordrecht, 84° in London 81 at)</sup> Limerick and Cardiff and 80° at York. In the E of Scotland the maximum were about 77°, whilst in Ireland they were as low as 69° to 73°. Slight rain fell in some parts of Ireland yesterday, and the sky is still dull and the appearance unsettled in those parts. Over nearly the whole of Great Britain, however, the sky is clear and the weather very fine. The sea is rough at Valentia, moderate on our NW coast generally, smooth at Holyhead and Dover.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

5<sup>th</sup> SEPT<sup>r</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 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	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.	Dirac.	Force. (0 to 13).			Max.	Min.			
Haparanda	30.02	46	SW	4	0	29.74	-23	46	45	+4	SW	4	0	*	52	41	-		
Hernösand	30.04	55	S	4	1	29.88	-20	60	57	+6	SW	2	6	*	63	41	0.12		
Stockholm	30.06	62	SW	2	0	29.97	-11	65	62	+6	SW	4	0	*	70	50	-		
Wisby	30.08	59	SSE	4	6	30.07	+05	66	64	+4	W	6	6	*	68	55	-		
Bodö	29.77	43	SE	2	0	29.69	-26	49	46	+4	W	6	0	3	50	45	0.04		
Christiansund	29.88	60	W	9	0	29.81	-16	59	58	+5	SSW	2	0	3	61	46	0.35		
† Skudesnaes	29.99	66	S	6	0	29.90	-17	66	64	+3	SSE	7	0	5	66	?	-		
Oxö (Ålmasund)	30.08	64	SW	2	f	30.00	-13	64	63	+8	W	2	f	1	66	?	-		
Skagen (The Skaw)	30.09	62	WSW	2	6	30.01	-11	65	64	+1	L	0	6c	0	70	55	-		
Fanö	30.09	67	SE	2	6	29.99	-20	72	69	+5	SSW	4	6	*	72	61	-		
Cuxhaven	30.18	78	SSE	1	m	30.08	-17	67	64	+2	SSW	3	0	*	?	61	-		
† Sumburgh Head	29.88	58	SE	2	6	29.72	-22	60	59	+2	S	2	6	2	68	53	0.01		
† Stornoway	29.76	64	SSE	2	6	29.68	-20	60	57	0	WSW	5	0	4	69	59	0.03		
Wick	29.84	62	L	0	6	29.74	-21	67	64	+5	S	2	6c	0	72	55	0.02		
Nairn	29.86	64	E	1	6	29.73	-24	66	63	+6	L	0	6	0	75	58	-		
† Aberdeen	29.89	67	S	1	6	29.79	-21	71	65	+6	L	0	0	0	76	55	-		
Leith	29.86	63	E	1	6	29.82	-20	66	64	+10	WSW	1	0	*	70	54	-		
† Shields	29.90	68	L	0	m	29.86	-17	69	65	+7	W	4	0	2	77	59	-		
Spurn Head	29.97	65	SE	4	0	29.96	-11	66	65	0	WSW	5	0	4	69	64	-		
York	29.92	79	S	1	6	29.95	-12	66	64	+4	WSW	1	0	*	80	61	-		
Nottingham	29.96	75	SSE	2	6	30.02	+05	71	64	+3	SW	5	6c	*	88	65	-		
† Ardrossan	29.84	71	L	0	6	29.84	-14	62	61	+4	SW	3	0	2	78	56	0.08		
† Mullaghmore	29.75	74	S	4	c	29.83	-04	61	58	-4	SW	4	0g	3	77	59	0.02		
Donaghadee	29.84	64	SSE	2	6c	29.86	-14	62	62	+4	SSW	4	6c	2	69	57	0.05		
Parsonstown	29.81	70	NE	2	0	29.93	+05	71	58	+6	SSW	1	0	*	78	59	-		
Barrow-in-Furness	29.88	72	SSW	2	6c	29.93	-12	64	62	+3	SW	2	0	2	80	60	-		
† Holyhead	29.91	72	WSW	4	6c	29.94	-03	64	63	+1	SW	4	m	3	78	61	-		
Liverpool (Bidston)	29.81	76	SSE	1	c	29.96	-06	67	62	+4	SSW	2	6c	1	82	63	-		
† Valentia	29.81	66	S	5	c	29.94	+14	62	59	-4	WSW	3	c	3	68	59	0.04		
Roche's Point	29.85	68	SSE	4	c	29.92	+06	62	60	-4	W	1	0	3	74	60	0.05		
Pembroke	29.88	66	SSW	1	c	29.96	+02	63	62	-3	S	4	0	4	73	62	-		
† Scilly	29.95	67	WSW	4	0	30.01	+07	65	64	-1	SSW	5	0	4	72	62	-		
Prawle Point	29.97	62	SSW	4	f	30.11	+13	60	60	-9	SSW	3	f	3	74	59	0.03		
Hurst Castle	29.98	71	WSW	4	6	30.11	+10	63	62	-5	W	4	0	3	76	64	-		
† Dover	30.00	71	SW	1	6	30.10	+04	66	65	-6	W	3	6c	1	77	65	-		
† London	29.99	76	S	2	6c	30.07	+02	67	60	-2	WSW	2	c	*	87	64	-		
Oxford	29.97	70	L	0	6c	30.06	+05	66	63	0	SW	2	6c	*	83	63	0.02		
Cambridge	29.94	79	S	1	6	30.10	+04	68	65	+1	SW	1	0	*	88	63	-		
† Yarmouth	30.00	70	SSE	2	6	30.04	-08	67	65	0	WSW	4	c	2	72	64	-		
The Helder	30.04	72	SE	1	6	30.06	-10	68	66	-1	SW	1	6	1	82	64	-		
Cape Gris Nez	30.01	75	SSW	4	6	30.12	+04	66	65	-4	SW	4	c	2	84	61	-		
† Jersey	30.05	69	SW	4	c	30.18	+17	66	64	-5	SW	3	6	3	76	63	-		
Brest	30.05	65	SW	3	0	30.15	+24	63	63	-4	SW	4	0	2	77	63	-		
Lorient	30.05	69	SSW	4	c	30.15	+23	67	64	-2	WSW	4	c	1	75	64	-		
† Rochefort	30.09	73	NW	4	6	30.23	+18	69	67	?	WSW	1	6	2	86	64	-		
Biarritz	30.12	73	SSE	1	c	30.21	+15	67	64	-2	ESE	4	6c	2	86	63	-		
Corunna	*	*	*	*	*	30.14	+03	66	*	-5	SW	1	c	2	*	*	*		
Brussels	*	*	*	*	*	30.13	00	70	66	+1	SW	1	c	*	84	67	-		
Charleville	30.11	75	SSE	1	6	30.19	+01	63	59	+3	SSE	1	6c	*	87	58	-		
Paris	30.08	60	SSE	1	6c	30.21	+09	70	64	-3	SSW	3	6c	*	*	*	-		
Lyons	30.16	75	S	1	c	30.26	+05	67	64	0	E	1	6	*	83	59	-		
Toulon	30.25	74	L	0	6c	30.28	+02	70	65	0	L	0	6	1	81	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.72	72	SSE	2	c	28.70	-13	60	59	-3	WSW	5	6c	*	78	59	-		

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

Hawes Junction 28.72 72 SSE 2 c 28.70 -13 60 59 -3 WSW 5 6c \* 78 59 -

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

	Bar.	Dry.	Wet.	Wind.	Var.	Sea.		Bar.	Dry.	Wet.	Wind.	Var.	Sea.		
Skudesnaes ...	30.03	66	63	SSE	6	0	5	Valentia ...	29.80	66	64	SSE	6	0g	6
Sumburgh Head	29.93	65	60	SW	1	6	1	Scilly ...	29.90	69	67	SW	2	0	4
Stornoway ...	29.84	65	62	SSE	4	6	2	Dover ...	30.03	77	69	SW	1	6	0
Aberdeen ...	29.94	72	64	S	3	6	1	London ...	29.99	84	71	S	3	6	*
Shields ...	29.97	77	68	SW	2	6	0	Yarmouth ...	30.06	70	67	SSE	1	6	0
Ardrossan ...	29.90	75	67	L	0	6 f	0	Jersey ...	30.01	74	70	SE	3	6	3
Mullaghmore ...	29.76	74	66	SSE	7	6 cm	5	Rochefort ...	30.08	86	73	S	4	60	2
Holyhead ...	29.90	76	70	SSW	3	6	2								

The depressions in the W. are moving N<sup>th</sup>, the barometer has ceased falling at Valentia and Jersey, and very fine weather still prevails over the whole of Great Britain.

## EXPLANATION OF COLUMNS.

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

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

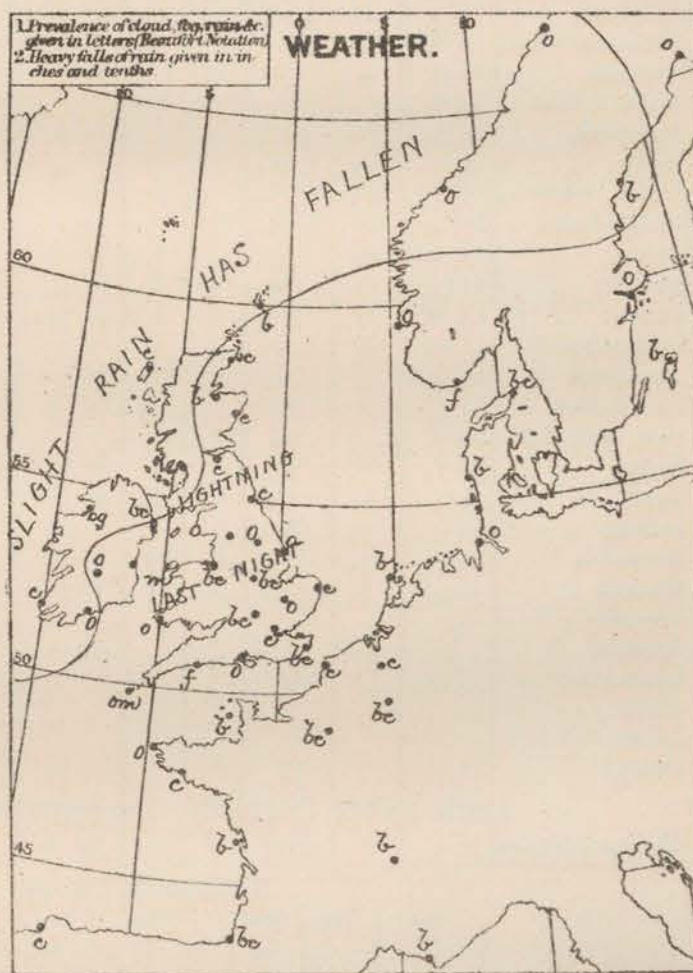
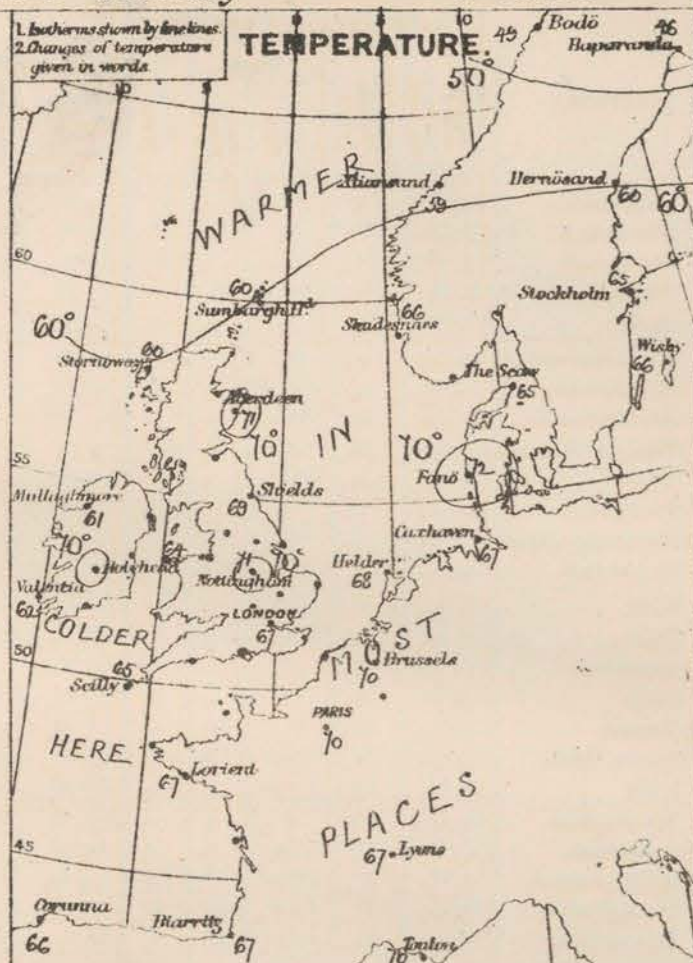
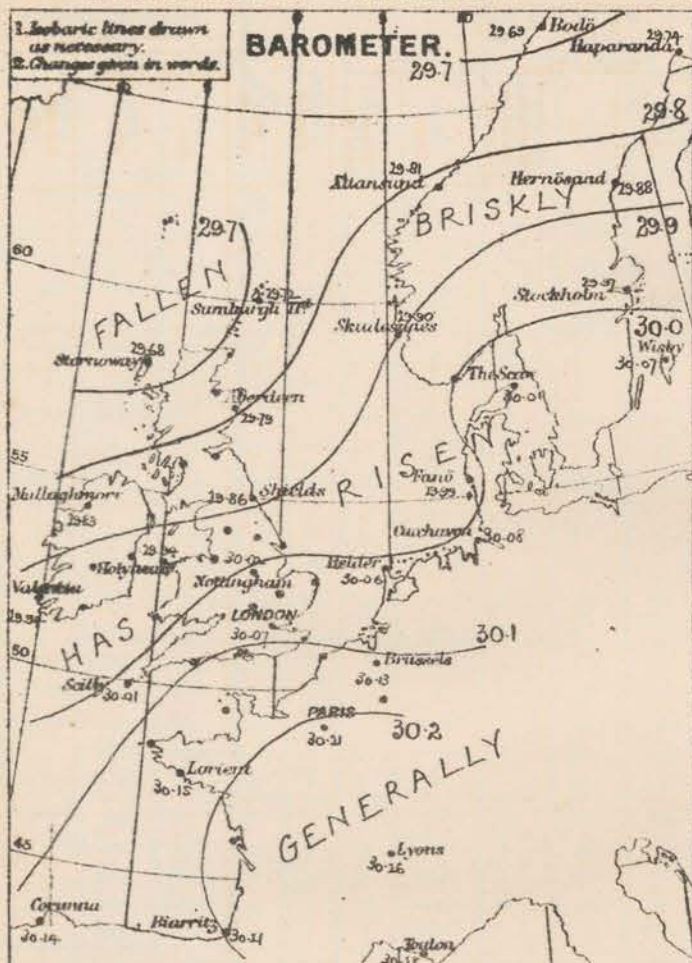
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



**WEATHER CHARTS** *for 8 a.m. on Sunday 5<sup>TH</sup> SEPT<sup>R</sup> 1880.*



REMARKS

REMARKS. The depression which lay off our W. and SW. coasts yesterday have travelled slowly in a NE<sup>E</sup> direction, and are passing off towards Scandinavia and Denmark. A considerable <sup>of the barometer</sup> rise has taken place in their rear, and readings were only from 30.2 ins. over France to 29.7 in the extreme NW. of Scotland and the N. of Scandinavia. Temperature is lower in the S. of England this morning, but has risen in most other places. Maxima of 87° or 88° were recorded at the majority of our inland stations yesterday. Moderate SW. breezes are general on our coasts, but they draw into S. in the far N. and over Norway and Sweden. A light rain has fallen on our W. and NW. coast, and a great deal of lightning was seen in many parts of England last night. The sea is moderate to slight.

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R. H. SCOTT.  
Secretary

DANGERFIELD LITH. 22 BEDFORD ST COVEN GARDEN



# DAILY WEATHER REPORT

6<sup>TH</sup> SEPT<sup>R</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 5).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.			
Haparanda	29.72	49	NW	2	0	29.81	+0.07	44	41	-2	NE	2	0	•	54	41	0.08		
Hernösand	29.83	50	•	0	6	29.66	-22	54	53	-6	NNE	2	0	•	72	50	-		
Stockholm	29.88	65	WSW	2	6	29.76	-21	70	65	+5	W	2	0	•	77	57	-		
Wisby	29.97	66	W	2	0	29.85	-22	67	65	+1	W	4	60	•	73	55	0.04		
Bodö	29.80	46	•	0	0	29.62	-0.07	48	44	-1	NE	4	0	1	50	43	-		
Christiansund	29.63	61	SE	1	60	29.56	-25	58	57	-1	W	4	2	3	65	50	0.39		
† Skudesnaes	29.76	65	WSW	8	0	29.78	-12	61	58	-5	WSW	4	0	4	70	?	0.20		
Örö (Xiänsund)	29.86	65	SSW	4	0	29.78	-22	64	63	0	SW	4	0	3	66	63	0.04		
Skagen (The Skaw)	29.88	66	WSW	2	0	29.81	-20	65	64	0	WSW	4	60	2	73	61	0.04		
Fanö	29.99	66	WSW	4	0	29.95	-0.04	67	65	-5	WSW	4	0	•	72	64	-		
Cuxhaven	30.11	75	NW	1	0	30.08	00	67	66	0	WSW	3	0	•	75	64	0.01		
† Sumburgh Head	29.72	58	SW	2	0	29.66	-0.06	56	53	-4	SSW	4	0	3	68	50	0.01		
† Sørnøya	29.69	61	SW	6	0	29.51	-17	59	55	-1	SSW	8	0	7	65	54	-		
Wiek	29.77	60	W	1	60	29.69	-0.05	57	55	-10	SW	4	60	0	73	53	0.03		
Nairn	29.80	61	WSW	2	0	29.71	-0.02	58	54	-8	WSW	6	0	2	71	54	-		
† Aberdeen	29.80	67	W	2	0	29.82	+0.03	59	54	-12	SSW	5	0	1	77	53	0.05		
Leith	29.86	61	W	4	0	29.88	+0.06	59	54	-4	W	4	0	•	73	55	0.03		
† Shields	29.89	62	W	4	0	29.99	+1.13	60	57	-9	WSW	4	60	2	75	53	0.04		
Spurn Head	29.97	68	SSW	4	60	29.08	+1.12	60	58	-6	WSW	3	0	2	75	55	-		
York	29.94	69	SSW	2	0	30.06	+1.11	59	58	-7	W	3	0	•	75	54	0.02		
Nottingham	29.98	69	S	4	0	30.13	+1.11	62	58	-9	SW	3	60	•	79	49	0.02		
† Ardrossan	29.87	59	SW	2	0	29.90	+0.06	57	56	-5	WSW	4	0	4	65	56	0.55		
† Mullaghmore	29.88	60	WSW	6	60	29.91	+0.08	57	53	-4	SW	6	60	5	68	55	-		
Donaghadee	29.91	61	SSW	3	0	29.97	+0.11	56	54	-6	WSW	4	0	2	66	51	0.05		
Parsonstown	29.98	63	WSW	3	0	30.04	+0.11	58	54	-13	SW	3	0	•	67	52	-		
Barrow-in-Furness	29.96	59	WSW	3	0	30.04	+0.11	62	57	-2	SW	4	60	4	67	57	0.06		
† Holyhead	29.99	60	SSW	4	60	30.06	+0.12	58	56	-6	SW	4	0	3	66	56	0.16		
Liverpool (Bliston)	29.98	57	W	2	0	30.07	+0.12	61	56	-6	SSE	2	60	2	71	55	0.17		
† Valentia	30.02	62	WSW	6	60	30.07	+0.13	62	58	0	WSW	4	60	4	67	55	-		
Roche's Point	30.03	64	W	4	60	30.08	+0.16	59	56	-3	W	3	60	3	69	56	0.03		
Pembroke	30.04	62	SW	4	0	30.12	+0.16	63	60	-9	WSW	2	0	3	63	57	0.01		
† Scilly	30.12	64	WSW	4	60	30.17	+0.16	64	61	-1	•	0	0	5	67	56	0.06		
Prawle Point	30.11	62	WSW	3	0	30.19	+0.08	61	60	+1	•	0	0	2	64	55	-		
Harst Castle	30.11	66	WSW	6	0	30.12	+0.01	60	59	-3	•	0	60	2	69	53	-		
† Dover	30.09	66	SW	3	0	30.18	+0.08	61	59	-5	S	1	0	0	71	59	-		
† London	30.07	69	SW	3	0	30.18	+0.11	63	59	-4	SW	2	60	•	79	52	-		
Oxford	30.06	65	SW	3	0	30.16	+0.10	57	56	-9	WSW	1	0	•	75	53	0.01		
Cambridge	30.03	70	SW	1	0	30.16	+0.06	59	57	-9	SW	1	0	•	79	50	-		
† Yarmouth	30.02	73	WSW	3	60	30.14	+0.10	61	57	-6	WSW	3	0	1	77	55	-		
The Helder	30.07	68	SW	1	60	30.10	+0.04	65	61	-3	W	3	0	2	72	64	-		
Cape Gris Nez	30.13	65	SW	3	0	?	?	63	62	-3	SW	4	60	2	72	61	-		
† Jersey	30.18	65	WSW	3	0	30.20	+0.02	64	63	-2	E	1	0	1	76	61	0.11		
Brest	30.17	64	WSW	3	0	30.16	+0.01	62	61	-1	E	3	0	3	77	61	0.04		
Lorient	30.17	69	SW	3	0	30.14	-0.01	66	66	-1	SE	4	0	2	73	64	-		
† Rochefort	30.22	74	NW	3	0	30.15	-0.08	67	63	-2	SE	4	0	2	86	61	-		
Biarritz	30.17	81	E NE	4	0	30.10	-0.11	73	67	+6	SSE	5	0	2	88	63	-		
Corunna	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels	•	•	•	•	•	30.19	+0.06	66	64	-4	SW	3	0	•	75	63	0.71		
Charleville	30.17	72	SW	1	0	30.25	+0.06	62	59	-1	SSE	1	0	•	76	59	-		
Paris	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Lyons	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Toulon	30.25	71	W	3	0	30.24	-0.04	70	66	0	W	3	0	•	79	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	28.71	56	WSW	3	0	28.79	+0.09	53	52	-4	WSW	4	0	•	63	51	0.26		

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

Hawes Junction	28.71	56	WSW	3	0	28.79	+0.09	53	52	-7	WSW	4	0	•	63	51	0.26
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	29.86	70	66	S	7	67	Valentia ...							
Sumburgh Head ...							Scilly ...							
Sornoway ...							Dover ...							
Aberdeen ...							London ...						*	
Shields ...							Yarmouth ...							
Ardrossan ...							Jersey ...							
Mullaghmore ...							Rochefort ...	30.24	86	73	SSE	1	6	0
Holyhead ...														

## EXPLANATION OF COLUMNS.

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

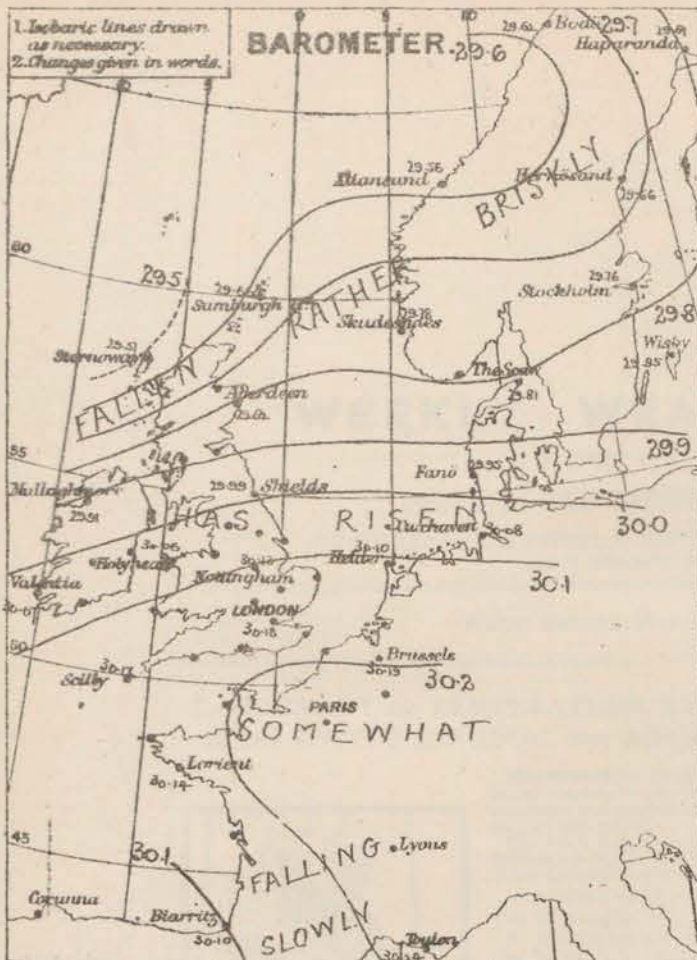
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Monday 6<sup>th</sup> SEPT<sup>r</sup> 1880.

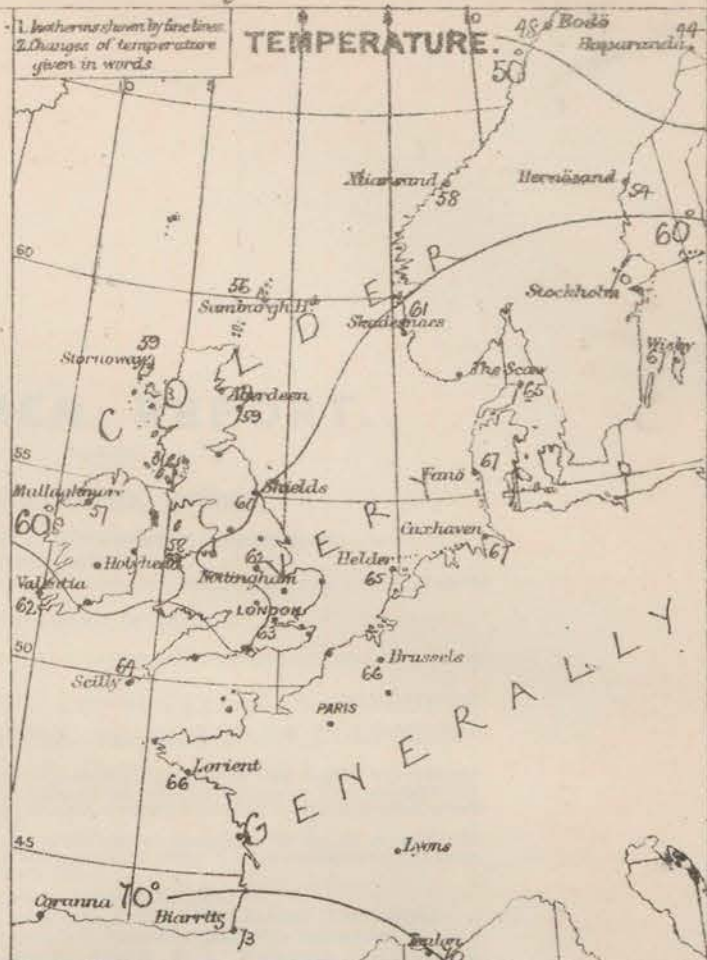
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



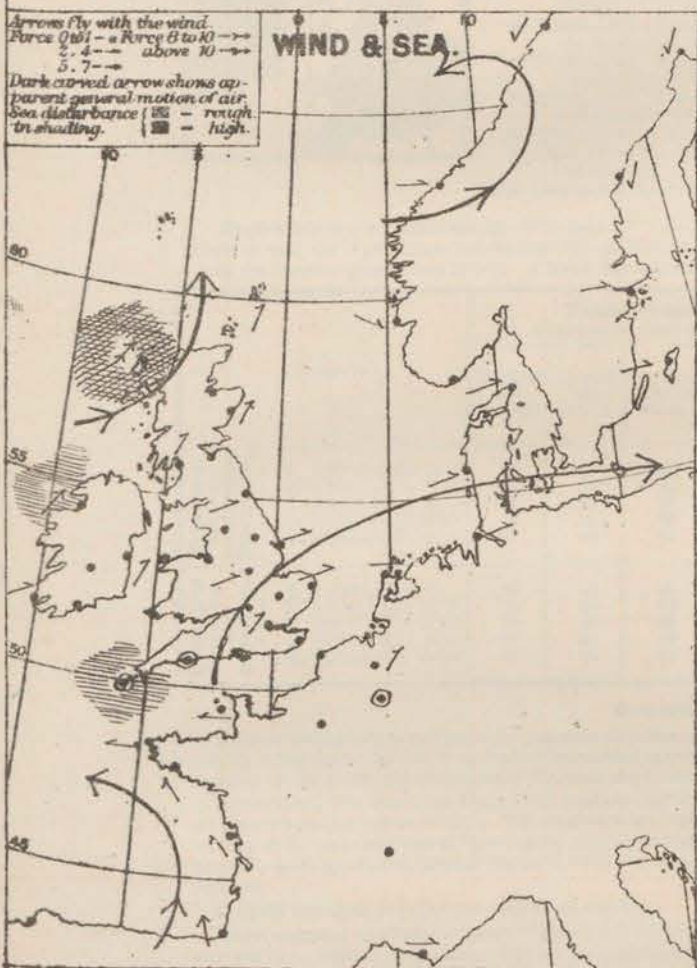
1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



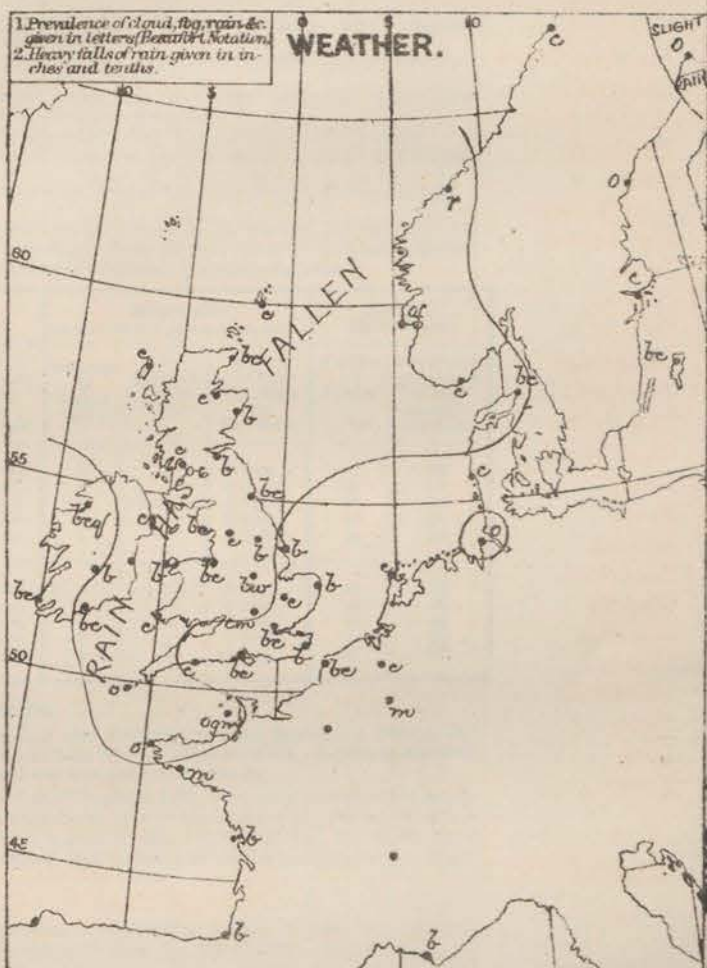
Arrows fly with the wind.  
Force 0-1 - a force 2 to 10 -  
2-4 - above 10 -  
5-7 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance (S) - rough in shoaling. (H) - high.

## WIND & SEA.



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

## WEATHER.



**REMARKS.** Barometric pressure continues highest over Germany, France and our S<sup>e</sup> districts; and during the night a well marked depression has begun to approach the extreme NW. of Scotland, on its way from the Atlantic to Norway. In the meantime a new disturbance is apparently moving N<sup>o</sup> over the Bay of Biscay towards our SW. coast. Thus, under the influence of the N<sup>e</sup> depression SW. winds are freshening in our N<sup>e</sup> districts, and blow a gale at Stavanger, while over our S<sup>e</sup> coast the wind has lulled to a calm, and E. to SE. breezes are freshening in the W. of France. Temperature did not rise nearly so high over England yesterday as it did on Saturday the maximum recorded being only 75° to 79° instead of about 85°, and the past night has been cool (49° to 52° in the snow). Some rain fell yesterday except over our S<sup>e</sup> districts, and at Stavanger the fall exceeded half an inch. The sky is now rather cloudy in the extreme N. and still more so over our SW. stations elsewhere the weather is fine. The general appearance is rather threatening for our SW. and N<sup>e</sup> districts. The sea runs high in the extreme NW, but is slight at Holyhead, smooth at Dover.

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



# DAILY WEATHER REPORT

7<sup>th</sup> SEPT

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 8).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 13).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 13).			Max.	Min.			
Haparanda	29.72	40	NE	2	b	29.75	- .06	40	28	- 4	NE	4	c	*	62	37	—		
Hernösand	29.61	62	N	4	o	29.68	+ .02	60	47	- 4	NNE	2	a	*	55	48	0.12		
Stockholm	29.65	66	N	6	b	29.70	- .06	62	54	- 8	W	4	o	*	56	57	—		
Wishby	29.79	67	N	4	b	29.79	- .06	62	57	- 5	WNW	6	b	*	72	52	—		
Bodö	29.49	49	NNE	2	o	29.47	- .15	48	44	0	ESE	4	c	2	54	41	0.24		
Christiansund	29.57	57	SSW	1	c	29.29	- .17	56	51	- 2	SE	1	o	2	61	46	0.24		
† Skudesnaes	29.74	62	SW	7	c	29.62	- .16	59	55	- 2	WSW	6	r	5	66	?	—		
Oxö (Xiänsund)	29.82	60	WSW	4	bc	29.74	- .04	62	57	- 2	SW	5	c	3	?	55	0.08		
Skagen (The Skaw)	29.84	61	N	6	b	29.78	- .03	60	57	- 5	WSW	5	bc	3	70	50	—		
Fanö	29.46	68	WSW	4	c	29.87	- .08	64	59	- 3	WSW	4	c	*	70	59	—		
Cuxhaven														*					
† Sumburgh Head	29.49	55	SW	5	r	29.56	- .10	55	51	- 1	N	6	c	6	60	50	0.04		
† Stornoway	29.55	59	WSW	5	b	29.76	+ .25	57	52	- 5	N	6	bc	6	61	49	0.24		
Wick	29.62	60	NNW	4	bc	29.76	+ .07	56	52	- 1	NNW	4	b	1	62	49	0.02		
Nairn	29.64	59	WSW	7	c	29.82	+ .11	57	52	- 1	N	3	og	2	66	51	0.08		
† Aberdeen	29.73	63	SSW	3	b	29.83	+ .01	60	53	+ 1	N	3	b	1	66	50	—		
Leith	29.82	62	N	6	bc	29.89	+ .01	57	54	0	NNW	1	c	*	68	53	—		
† Shields	29.92	62	WSW	2	c	29.92	- .07	58	55	- 2	N	3	b	2	67	51	—		
Spurn Head	30.01	64	SW	3	bc	29.96	- .12	57	55	- 1	N	4	b	3	69	56	—		
York	30.00	63	N	1	b	29.97	- .09	57	50	- 2	N	3	b	*	68	50	—		
Nottingham	30.04	62	SSW	1	bc	30.02	- .11	51	56	- 1	NNW	3	bc	*	75	44	—		
† Ardrossan	29.86	60	N	4	b	29.95	+ .05	57	55	0	NN	3	o	2	63	52	0.02		
† Mullaghmore	29.93	58	N	7	og	30.00	+ .09	58	53	+ 1	N	6	c	5	65	50	0.04		
Donaghadee	29.94	57	N	3	bc	30.00	+ .03	55	53	0	N	3	b	1	58	48	—		
Parsonstown	30.00	60	WSW	3	bc	30.08	+ .04	54	53	- 3	2	o	o	*	65	49	0.05		
Barrow-in-Furness	29.97	61	SW	5	bc	29.99	- .05	59	55	- 3	NNW	4	b	4	64	55	—		
† Holyhead	30.01	61	SW	3	b	30.02	- .02	57	54	- 7	NNW	4	b	3	64	55	—		
Liverpool (Biston)	30.04	62	WSW	2	c	30.01	- .06	58	54	- 3	N	3	c	2	66	50	—		
† Valentia	30.06	62	WNW	3	bc	30.04	+ .02	59	57	- 3	N	1	op	2	66	57	0.19		
Roche's Point	30.04	63	N	4	c	30.08	.00	58	52	- 4	NW	1	b	3	64	52	0.09		
Pembroke	30.05	62	WSW	2	bc	30.06	- .06	58	55	- 5	NW	1	b	2	64	53	0.01		
† Scilly	30.08	63	2	o	a	30.09	- .08	65	61	+ 1	NE	1	c	3	66	57	—		
Prawle Point	30.10	59	ESE	1	o	30.08	- .11	63	57	+ 2	NNW	1	b	1	64	52	0.08		
Hurst Castle	30.08	63	WSW	1	c	30.03	- .09	59	57	- 1	N	3	bc	1	68	53	0.12		
† Dover	30.05	64	2	o	bc	29.96	- .22	57	58	- 2	N	1	b	0	67	59	0.23		
† London	30.05	65	S	1	od	30.01	- .17	60	56	- 3	NN	1	b	*	75	55	0.12		
Oxford	29.98	61	2	o	o	30.05	- .11	56	53	- 1	N	1	b	*	70	49	0.01		
Cambridge	30.04	67	SW	1	c	29.99	- .17	58	54	- 1	NN	1	b	*	74	51	0.01		
† Yarmouth	30.06	69	SW	1	bc	29.96	- .18	60	58	- 1	NN	1	bc	1	71	57	0.04		
The Helder	30.06	62	SW	1	c	29.93	- .17	58	56	- 7	NNE	1	r	1	68	57	0.24		
Cape Gris Nez	30.08	64	NE	3	c	29.96	?	59	59	- 4	NNE	4	r	4	72	59	1.22		
† Jersey	30.06	64	NE	2	atm	30.08	- .12	62	59	- 2	N	2	bm	2	68	58	0.63		
Brest																			
Lorient																			
† Rochefort	29.99	50	SSW	5	o	30.07	- .08	70	66	+ 3	NN	4	c	2	91	64	—		
Biarritz																			
Corunna																			
Brussels						29.76	- .33	62	62	- 4	SW	7	r	*	75	62	0.71		
Charleville	30.09	75	SSE	1	b	29.91	- .33	67	60	- 5	SW	4	bc	*	81	59	0.04		
Paris																			
Lyons																			
Toulon	30.19	72	SW	4	o	30.18	- .06	69	69	- 1	2	o	m	2	79	66	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.73	56	WSW	4	o	28.71	- .07	50	49	- 3	WSW	4	bc	*	59	44	—		

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

Hawes Junction	28.73	56	WSW	4	o	28.72	- .07	50	49	- 3	WSW	4	bc	*	*	59	44	—
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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 ...	29.80	66	57	SW	8	a	5	Valentia ...	30.07	65	57	SW	3	a	4
Sumburgh Head	29.58	58	54	SSW	5	c	4	Scilly ...	30.14	65	62	SSW	1	o	4
Stornoway ...	29.49	58	57	WSW	7	c	7	Dover ...	30.14	64	61	SW	1	cp	0
Aberdeen ...	29.77	65	57	SSW	5	b	1	London ...	30.11	71	61	SSW	1	c	*
Shields ...	29.95	67	59	WSW	5	b	2	Yarmouth ...	30.12	69	59	W	2	b	1
Ardrossan ...	29.88	59	56	WSW	4	c	4	Jersey ...	30.15	66	65	2	o	comp	0
Mullaghmore ...	29.93	60	56	W	7	ogg	6	Rochefort ...	30.07	91	77	SE	4	b	2
Holyhead ...	30.05	62	59	SW	4	c	3								

The barometer is falling generally, W<sup>2</sup> to W<sup>3</sup> winds prevail very generally, and blow strongly at some of the W stations with a rough sea. In the south the winds are very light and the sea 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. 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).

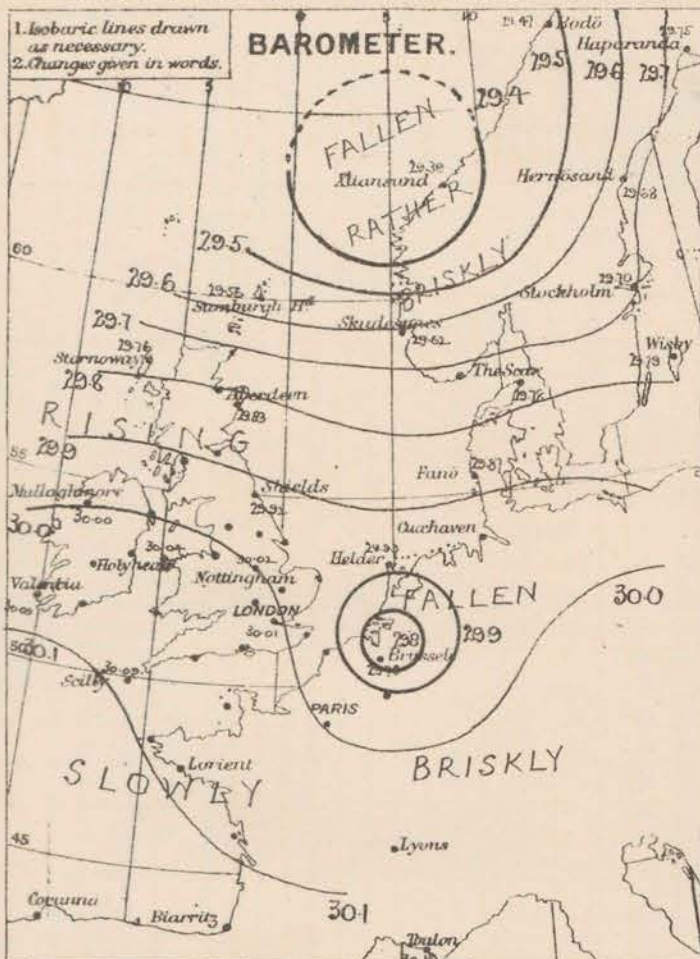
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Tuesday 7<sup>th</sup> SEPT<sup>r</sup> 1880.

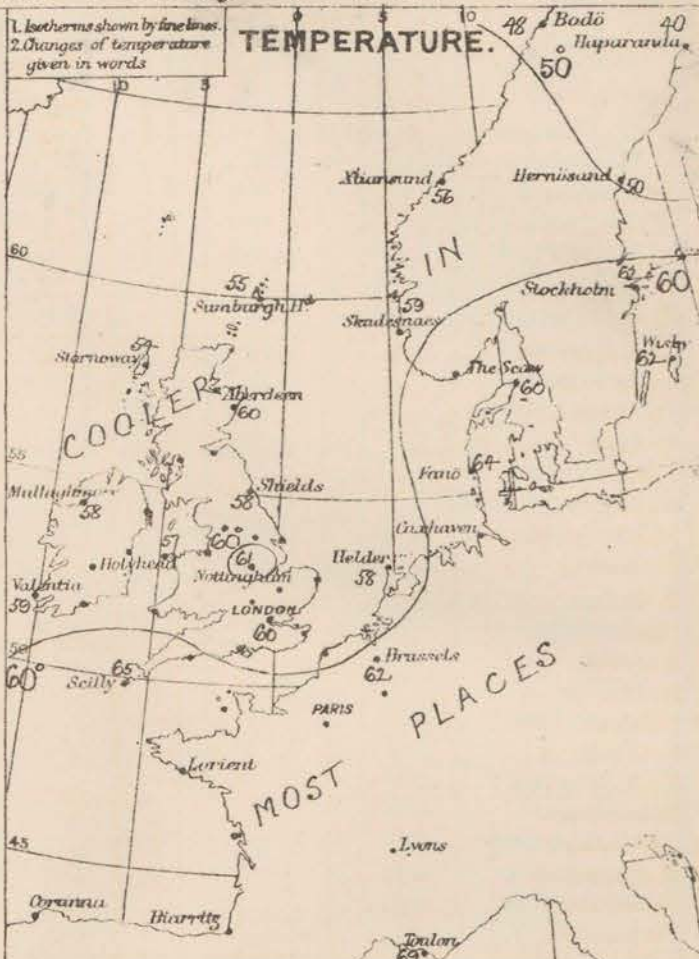
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



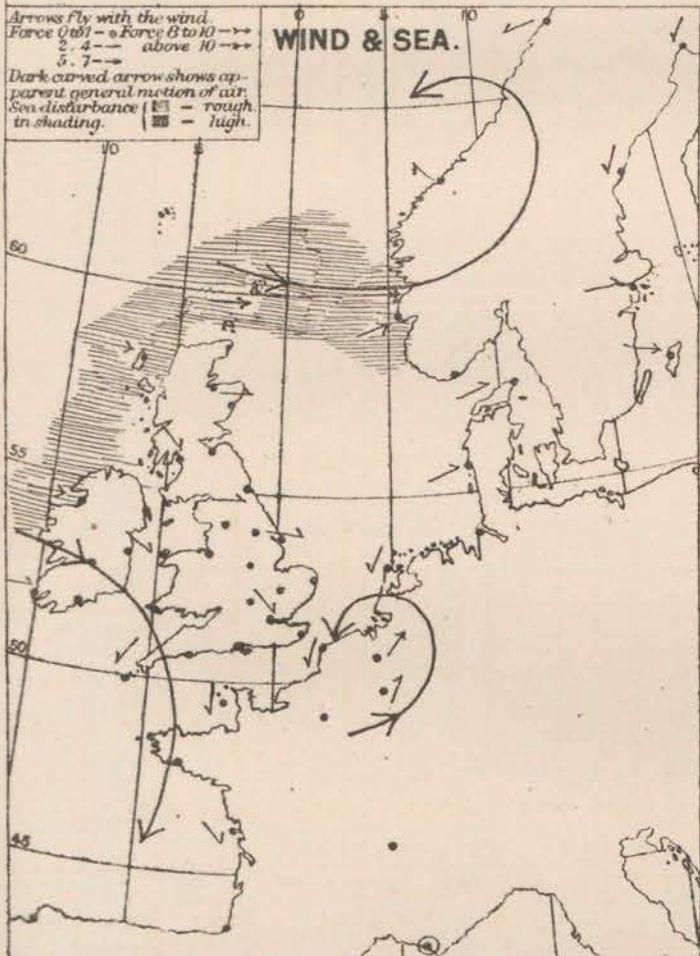
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



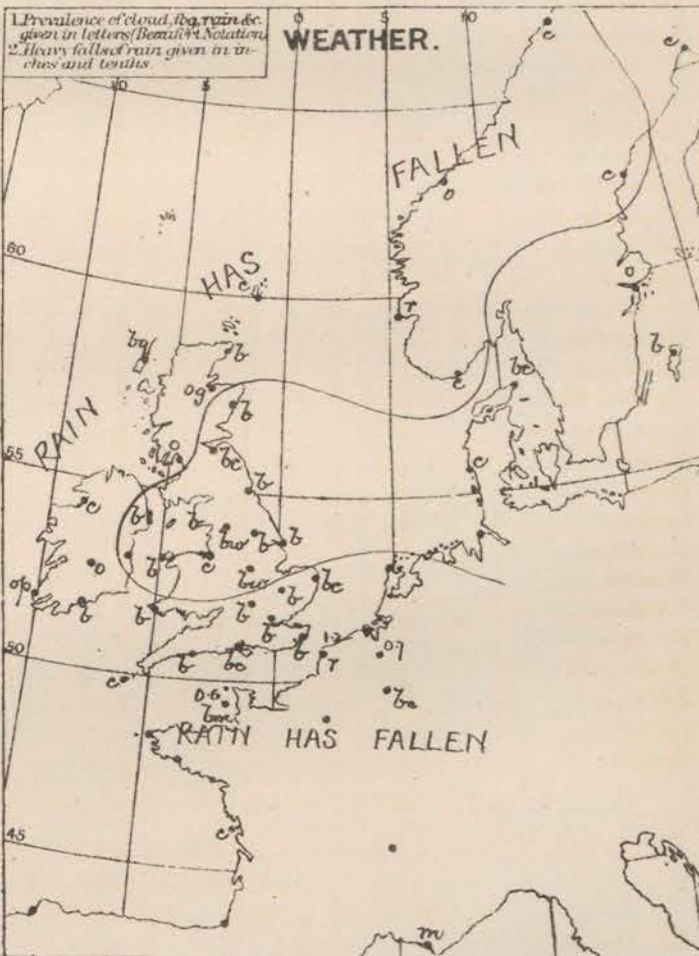
Arrows fly with the wind.  
Force 0-10 - Force 8 to 10 ->>>  
2, 4 ->> above 10 ->>>  
5, 7 ->>>  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance (1) - rough in shading. (2) - high.

## WIND & SEA.



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

## WEATHER.



## REMARKS.

The depression noticed off our western NW. coast yesterday has reached the W. of Norway, while the smaller one reported over the Bay of Biscay has travelled across France in a NE. direction, and now lies over Belgium. The barometer is rising throughout our islands, and gradients for W. to NW. breezes prevail generally over the United Kingdom. The wind has consequently risen to the NW in England and Ireland, and to W. or NW in Scotland, and moderated at all but our most N. stations, while on the E. shores of the North Sea it is rather fresh from SW. and in the NW. of Norway it is E. Temperature has fallen a few degrees in most places, and the air is cool and refreshing. The maximum reading recorded yesterday varied from 70° to 75° over our island countries, and from about 60° to 65° over Scotland and Ireland. At Rochefort (SW. of France) the maximum was 91°. Rain has fallen on our S. and SW. coasts, and also in the extreme N. and NW. of our islands. The sky has since cleared very generally. The sea is rough in the extreme N. and NW., slight or smooth in most other places. At Dover it is very smooth but at Cape Finisberg moderately rough.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

8<sup>TH</sup> SEPT<sup>R</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 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.			Force. (0 to 12).	Max.		Min.	
Haparanda	29.74	42	E	2	o	29.65	-.10	45	42	+ 5	SE	2	c	*	48	39	—	
Hernösand	29.61	38	NE	6	o	29.63	-.05	58	52	+ 3	N	2	f	*	54	48	0.28	
Stockholm	29.63	57	WSW	6	b	29.58	-.12	58	55	- 4	WSW	2	o	*	70	55	—	
Wisby	29.71	64	W	6	b	29.64	-.15	61	59	- 1	WSW	4	bc	*	70	61	—	
Bodö	29.38	50	ESE	4	bc	29.26	-.21	53	48	+ 5	SSE	2	o	1	?	46	0.17	
Christiansund	29.49	54	W	9	c	29.67	+.28	51	50	- 5	W	8	c	5	50	43	0.39	
Skudesnaes	29.74	57	NNW	4	c	29.86	+.24	55	51	- 4	NNW	4	c	4	51	?	—	
Oxö (Xiansund)	29.73	58	WSW	4	b	29.81	+.07	57	52	- 5	W	4	b	2	63	52	—	
Skagen (The Skaw)	29.72	60	NNW	6	b	29.75	-.03	59	53	- 1	NW	6	b	5	66	55	0.04	
Fanö	29.39	52	NNW	4	b	29.94	+.07	59	55	- 5	NNW	4	c	*	66	55	—	
Cuxhaven	29.93	62	NNW	3	o	30.04	+.07	62	59	- 1	NW	4	f	*	?	57	0.47	
Sumburgh Head	29.76	55	W	4	c	29.96	+.40	58	51	0	NW	4	b	3	57	50	0.01	
Stornoway	29.92	56	NNW	4	o	30.07	+.31	58	52	+ 1	W	0	bc	0	59	46	0.0	
Wick	29.93	54	NW	4	bc	30.09	+.33	54	51	- 2	NNW	4	bc	1	62	43	0.02	
Nairn	29.94	55	W	2	b	30.10	+.28	52	48	- 5	W	1	b	1	62	46	—	
Aberdeen	29.93	61	NNW	2	b	30.10	+.27	54	52	- 6	NW	2	bc	1	65	46	—	
Leith	30.00	59	W	1	c	30.12	+.23	53	50	- 6	NW	1	c	*	67	46	—	
Shields	29.99	62	W	2	bc	30.11	+.19	51	48	- 7	W	2	c	1	65	46	—	
Spurn Head	30.01	64	W	3	b	30.09	+.13	56	54	- 3	NW	2	b	2	65	55	—	
York	30.04	62	W	2	b	30.12	+.15	52	50	- 5	NNW	1	c	*	68	46	—	
Nottingham	30.07	58	SW	2	b	30.11	+.09	55	52	- 6	W	0	bc	*	70	42	—	
Ardrossan	30.02	58	NW	2	c	30.12	+.17	53	51	- 4	ESE	1	bc	0	61	46	—	
Mullaghmore	30.07	60	NNW	4	c	30.10	+.10	58	54	0	ESE	2	c	2	63	55	—	
Donaghadee	30.07	57	NE	2	c	30.12	+.12	56	53	0	NE	2	b	0	64	42	—	
Parsonstown	30.07	62	NE	1	c	30.08	-.06	57	54	+ 2	E	4	c	*	65	59	0.12	
Barrow-in-Furness	30.06	61	W	3	b	30.12	+.13	54	51	- 5	NNE	2	c	2	66	51	—	
Holyhead	30.08	60	SW	2	b	30.09	+.05	59	55	+ 2	NE	3	o	2	63	57	—	
Liverpool (Bishopscroft)	30.07	59	W	1	b	30.19	+.08	59	54	+ 1	SSE	1	c	1	62	53	—	
Valentia	30.09	64	NNW	2	c	30.11	-.08	60	57	+ 1	ENE	1	c	2	69	54	0.01	
Roche's Point	30.09	62	WSW	3	c	30.02	-.06	59	56	+ 4	ENE	4	c	4	67	55	0.05	
Pembroke	30.09	61	W	2	c	30.03	-.03	55	51	- 3	NNE	4	c	2	68	51	—	
Scilly	30.08	61	NE	3	o	29.92	-.17	59	58	- 6	E	6	f	5	66	58	0.08	
Prawle Point	30.11	59	W	0	c	29.99	-.09	59	58	- 4	ENE	4	o	3	68	55	—	
Harst Castle	30.07	64	W	2	c	30.02	-.05	57	57	- 1	ENE	2	cm	1	70	55	—	
Dover	30.06	63	SW	2	b	30.05	+.09	60	57	+ 1	ESE	2	bc	1	67	56	—	
London	30.07	63	W	1	c	30.07	+.06	58	54	- 2	NE	2	bc	*	75	49	—	
Oxford	30.10	56	W	0	b	30.05	+.03	53	50	- 3	N	1	b	*	68	47	—	
Cambridge	30.06	62	NW	1	bc	30.05	+.09	54	52	- 4	N	1	o	*	73	47	—	
Yarmouth	30.05	63	W	0	b	30.09	+.13	58	55	- 2	NNW	1	bc	1	66	50	—	
The Helder	30.05	62	NW	3	b	30.08	+.15	62	57	+ 4	NNW	1	b	1	64	57	0.16	
Cape Gris Nez	30.08	63	W	1	c	30.05	+.09	58	54	- 1	E	1	c	0	70	55	—	
Jersey	30.09	62	NE	2	0	29.95	-.13	63	61	+ 1	ENE	4	cm	3	67	59	0.04	
Brest	29.99	62	E	4	m	29.86	-.18	63	62	+ 7	ESE	6	f	3	70	?	0.04	
Lorient	30.02	60	E	1	o	29.87	-.18	64	62	+ 4	ESE	4	f	2	70	59	0.04	
Rochefort	30.03	73	NW	4	c	29.88	-.19	71	70	+ 1	SE	4	c	2	81	66	—	
Biarritz																		
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	30.09	+.33	60	55	+ 3	ENE	1	c	*	61	53	0.04	
Charleville	30.04	63	?	1	o	?	?	58	55	- 9	?	1	o	*	65	?	—	
Paris	30.07	68	NW	1	o	29.99	-.02	67	63	?	NNE	1	c	*	*	*	—	
Lyons	30.01	73	ESE	1	bc	30.04	-.05	64	64	- 4	ENE	1	f	*	62	59	—	
Toulon	30.05	72	S	4	m	30.06	-.12	71	70	+ 2	W	0	m	1	77	56	—	

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

Hawes Junction	28.81	34	WSW	3	bc	28.87	+.15	52	48	W	2	0	bc	59	41	—			
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	29.70	60	55	WNW	7	5	Valentia ...	30.11	66	60	WNW	2	bc	3
Sumburgh Head	29.68	55	51	W	6	6	Scilly ...	30.11	65	60	ENE	3	c	3
Stornoway ...	29.73	57	54	WNW	4	4	Dover ...	30.08	65	59	N	3	bc	2
Aberdeen ...	29.74	63	56	NW	3	1	London ...	30.06	68	58	NW	2	bc	*
Shields ...	29.96	62	58	WNW	4	2	Yarmouth ...	30.03	65	58	N	2	bc	2
Ardrossan ...	29.98	59	55	NW	3	2	Jersey ...	30.11	67	62	NNE	2	b	2
Mullaghmore ...	30.05	62	56	NW	4	3	Rochefort ...	30.08	74	70	NW	2	c	1
Holyhead ...	30.09	61	56	WNW	3	2								

The depressions referred to this morning are both travelling away to the E and NE, and the barometer is rising slowly on all our coast, and the weather is very 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 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).

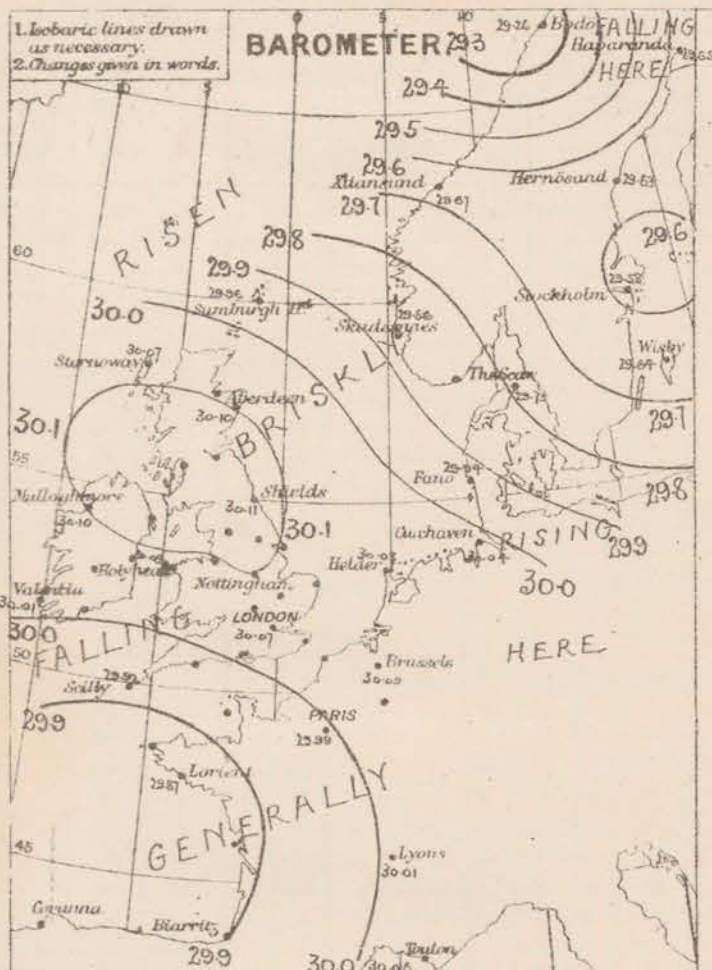
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Wednesday 8<sup>th</sup> SEPT<sup>r</sup> 1880.

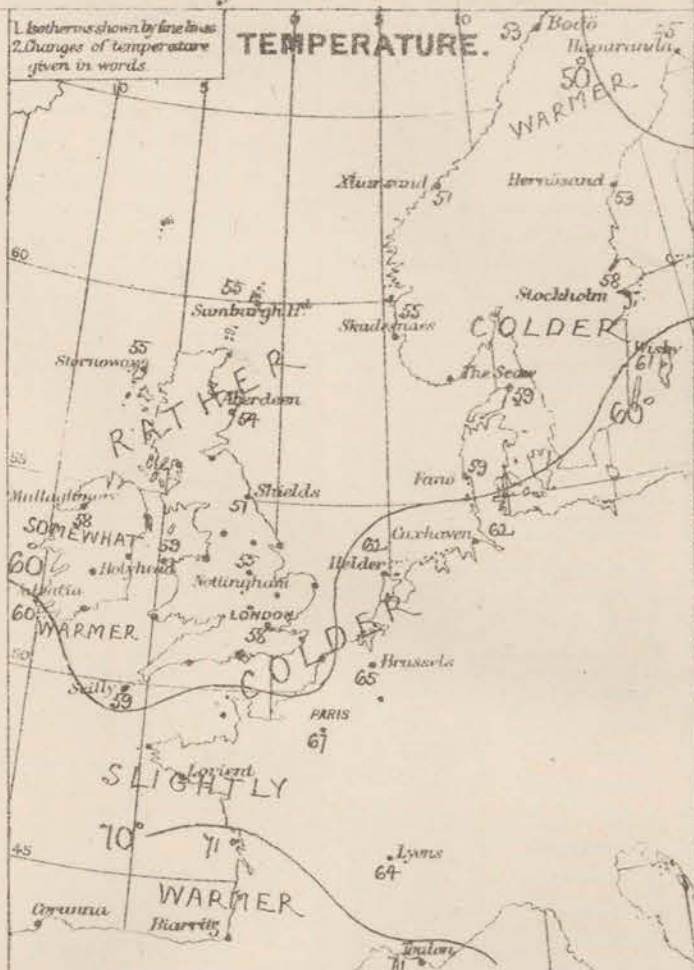
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER



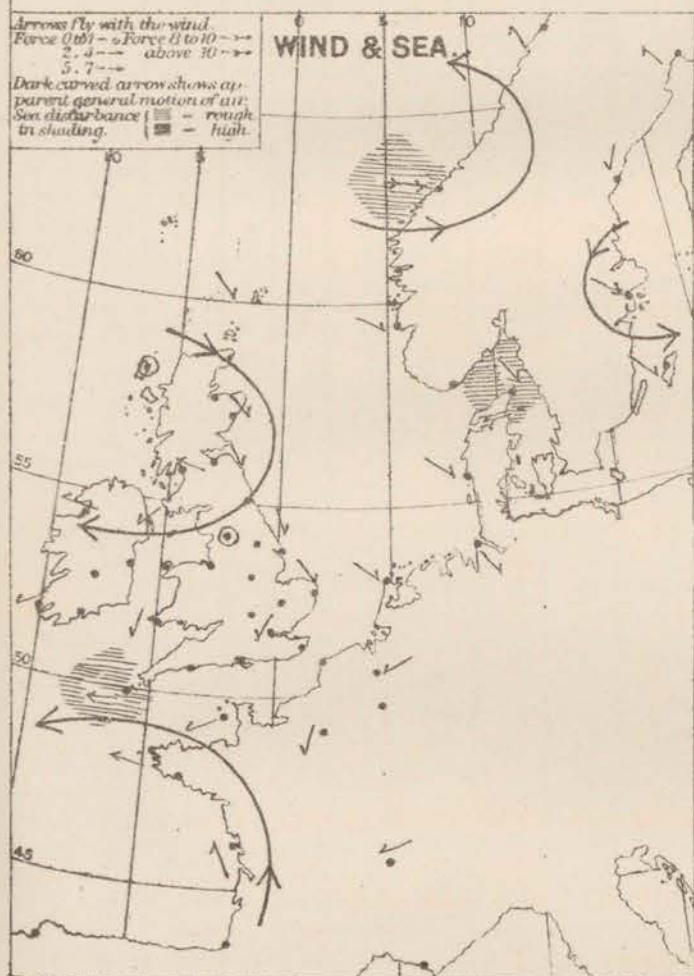
1. Isotherms shown by line in as  
2. Changes of temperature given in words.

## TEMPERATURE.



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

## WIND & SEA.



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

## WEATHER.



## REMARKS

During the past 24 hours the barometer has risen very briskly in the N<sup>o</sup> districts and an anticycl<sup>e</sup> now lies over the NW parts of the United Kingdom. In the mean time, however, a somewhat decided fall has commenced over France and the SW and S. of our islands, apparently owing to the advance of a well formed depression from a SW direction over the Bay of Biscay. Thick E. breezes have set in on our SW coasts and in the W. of France; these are extending gradually to our SE coasts, while NW breezes still hold in the far N, and W. winds in the W. of Norway. Temperature has fallen over our islands generally and varies from 52° to 55° over our inland Counties, while it is 58° to 59° along our S. coasts, 63° in the NW. of France and 71° at Rochfort. London was the only station in England, where the maximum for yesterday exceeded 70°. Light rain fell yesterday at some of our N<sup>o</sup> and N<sup>o</sup> stations. The sky is clear and bright in most places, but is becoming overcast in the SW and S, and rain has set in at Sicily as well as at Brest; thunder is reported at Lisieux. The sea is smooth, or nearly so, except about the mouth of the Scheldt and on the coast of Norway.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

9<sup>TH</sup> SEPT.

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		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	29.58	46	SW	2	o	29.75	+ .10	45	41	0	NW	4	c	*	48	41	0.28	
Hernösand	29.75	53	NW	6	b	29.95	+ .20	50	45	0	NNW	6	b	*	60	46	—	
Stockholm	29.73	55	S	2	b	29.93	+ .20	51	45	0	NNW	6	c	*	60	50	—	
Wisby	29.69	60	N	6	r	29.88	+ .19	50	51	0	N	6	bc	*	60	54	—	
Bodö	29.70	48	NW	8	c	29.88	+ .18	48	44	0	W	4	c	2	?	45	0.08	
Christiansund	29.96	51	NNW	4	bc	30.05	+ .09	53	49	+ 2	SW	3	b	4	54	43	0.35	
† Skudesnaes	30.00	59	NNW	4	bc	30.04	+ .04	53	50	0	Z	0	b	2	59	?	—	
Oxö (Xiansund)	29.99	59	NNW	4	bc	30.04	+ .05	53	53	+ 2	ENE	4	b	2	64	54	—	
Skagen (The Skaw)	29.88	59	NNW	2	b	30.04	+ .16	58	52	0	ENE	4	b	1	70	54	—	
Fanö	29.99	54	NNW	2	b	30.00	+ .01	62	57	+ 5	ESE	1	b	*	66	48	—	
Cuxhaven																		
† Sumburgh Head	30.06	55	NW	2	c	30.03	+ .07	56	54	+ 1	SE	1	b	1	59	44	—	
† Stornoway	30.06	57	SE	2	b	29.91	— .15	55	51	0	SSE	4	c	4	62	43	—	
Wick	30.12	56	N	1	b	30.08	— .04	55	53	+ 1	S	2	c	1	65	45	—	
Nairn	30.10	59	Z	0	b	30.03	— .07	49	45	0	Z	0	b	1	67	41	—	
† Aberdeen	30.12	58	E	1	b	30.05	— .07	50	49	0	Z	0	fur	0	64	43	—	
Leith	30.10	58	E	1	b	30.01	— .09	56	53	+ 3	SE	1	bc	*	66	43	—	
† Shields	30.09	57	ENE	2	b	30.01	— .08	57	54	+ 3	Z	0	m	2	65	46	—	
Spurn Head	30.05	59	ENE	?	b	29.97	— .08	62	58	+ 4	ENE	5	b	4	64	55	—	
York	30.07	60	E	2	bc	29.99	— .08	58	56	+ 2	E	3	b	*	68	48	—	
Nottingham	30.04	59	ENE	3	bc	29.97	— .07	60	56	+ 4	E	4	b	2	68	51	—	
† Ardrossan	30.07	60	E	1	c	29.97	— .10	52	50	0	ENE	1	bm	1	64	45	—	
† Mullaghmore	30.00	63	ESE	4	b	29.87	— .13	56	54	0	ESE	5	bm	4	64	56	—	
Donaghadee	30.06	57	N	2	b	29.96	— .10	55	54	0	SE	3	o	1	64	54	—	
Parsonstown	30.00	61	SE	1	b	29.85	— .15	56	54	0	NE	1	b	*	65	42	—	
Barrow-in-Furness	30.05	62	NE	3	bc	29.96	— .09	56	53	+ 3	NE	3	b	3	66	50	—	
† Holyhead	30.00	59	NE	4	b	29.90	— .10	56	54	0	E	4	b	3	61	54	—	
Liverpool (Bidston)	30.00	61	ENE	2	b	29.93	— .07	57	57	0	E	3	b	1	65	52	—	
† Valentia	29.91	64	ESE	3	c	29.87	— .04	62	56	+ 6	NE	3	bm	3	69	53	—	
Roche's Point	29.91	62	E	5	bc	29.78	— .13	59	58	0	E	5	o	4	64	56	—	
Pembroke	29.91	62	E	3	o	29.78	— .13	60	57	+ 3	SE	6	o	5	65	54	—	
† Scilly	29.77	62	E	7	o	29.67	— .10	61	61	+ 2	ESE	6	r	5	63	58	0.05	
Prawle Point	29.88	61	ENE	5	o	29.81	— .07	60	60	+ 1	S	2	f	3	65	56	0.35	
Hurst Castle	29.92	64	ESE	4	c	29.84	— .08	59	59	+ 1	ENE	3	nm	2	67	58	0.05	
† Dover	29.95	63	E	3	c	29.87	— .08	59	58	0	ENE	5	o	3	66	59	0.26	
† London	29.98	63	ESE	2	c	29.90	— .08	61	58	+ 3	SE	1	o	*	68	57	—	
Oxford	29.99	60	Z	0	c	29.90	— .09	57	56	+ 1	NE	2	r	*	68	51	—	
Cambridge	29.99	63	E	1	o	29.90	— .09	60	58	+ 2	NE	1	bc	*	70	50	—	
† Yarmouth	30.03	63	ENE	2	bc	29.95	— .08	62	59	+ 3	E	5	bc	4	65	56	—	
† The Helder	30.04	64	NE	1	bc	30.02	— .02	60	56	0	E	4	a	2	68	61	—	
Cape Gris Nez	29.97	61	E	4	r	29.86	— .11	57	57	0	E	3	o	3	70	55	0.55	
† Jersey	29.86	62	E	5	omr	29.86	— .00	64	63	+ 1	SW	3	bc	3	67	61	0.59	
Brest	29.78	63	SSW	5	r	29.83	— .05	62	62	0	SW	5	r	5	66	61	0.32	
Lorient	29.84	66	WSW	7	o	29.83	— .01	64	61	0	SW	5	c	5	73	63	0.57	
† Rochefort	29.95	72	NNW	5	bc	29.94	+ .01	68	66	0	SSW	4	c	2	77	63	—	
Biarritz																		
† Corunna	*	*	*	*	*	29.83	— .15	67	*	0	S	2	op	1	*	*	*	
Brussels	*	*	*	*	*	29.89	— .20	55	55	0	E	1	r	*	65	51	0.39	
Charleville	30.03	66	E	1	o	29.92	— .11	60	58	+ 2	SSW	1	o	*	70	54	0.20	
† Paris	29.88	63	NNW	1	o	29.94	— .06	67	62	0	SSE	3	o	*	*	*	0.63	
Lyons	29.89	73	E	1	c	30.01	— .12	63	63	0	NNE	1	f	*	78	60	—	
Toulon	29.96	72	S	2	m	29.98	— .02	69	69	0	Z	0	b	2	75	68	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.84	54	ENE	3	c	29.76	— .11	50	49	0	ENE	2	bc	*	55	43	—	

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

Mawes Junction	29.84	54	ENE	3	c	28.76	— .11	50	49	0	ENE	2	bc	*	55	43	—
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.95	59	51	NW	6	bc	4	Valentia ...	29.96	65	59	ENE	3	c	4
Sumburgh Head	30.03	57	54	NW	4	c	3	Scilly ...	29.84	60	60	—	7	r	5
Stornoway ...	30.09	59	55	ESE	3	c	2	Dover ...	30.03	65	59	E	2	bc	1
Aberdeen ...	30.12	61	55	N	2	bc	1	London ...	30.03	66	60	E	2	o	*
Shields ...	30.11	59	56	NNE	2	b	2	Yarmouth ...	30.05	64	58	NE	2	bc	1
Ardrossan ...	30.10	60	56	N	1	c	1	Jersey ...	29.90	66	63	E	5	o	4
Mullaghmore ...	30.08	62	55	E	4	bc	3	Rochefort ...	29.95	71	69	NNW	7	c	2
Holyhead ...	30.06	61	56	NE	4	bc	3								

The depression over the Bay of Biscay is taking a rather more N<sup>W</sup> direction than was at first anticipated, and it seems more likely that the winds over England will veer round through south, with rain, than that they will back through E, NE to 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 (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 5 p.m.  
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

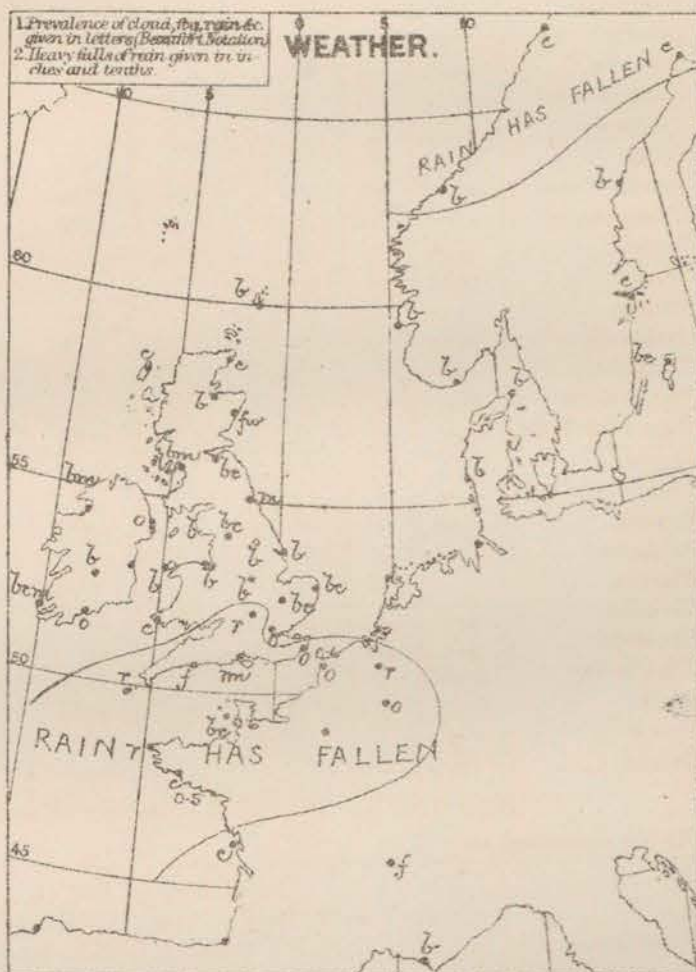
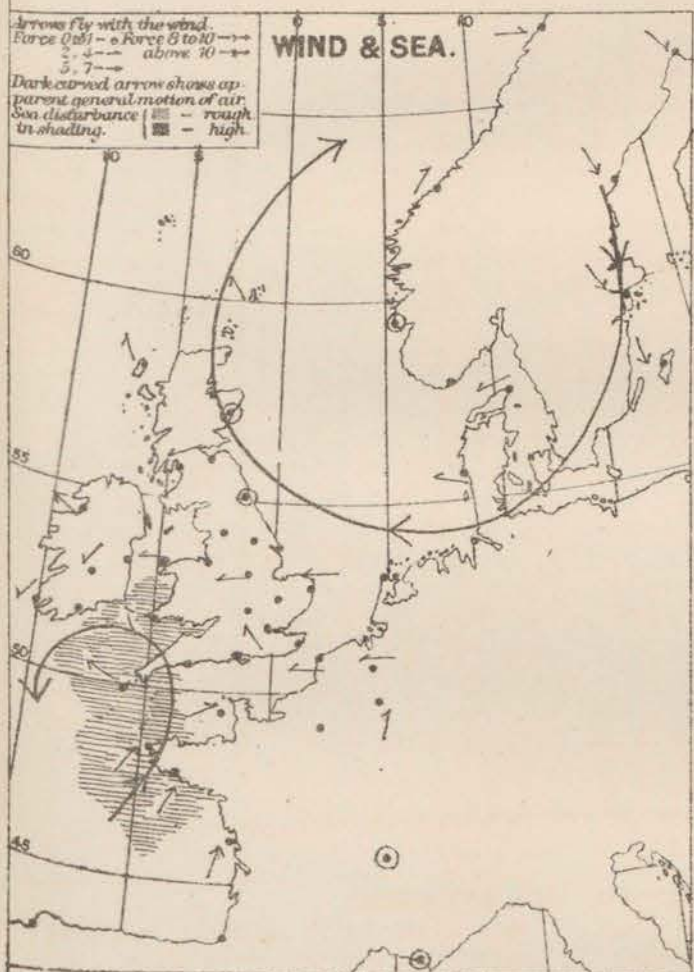
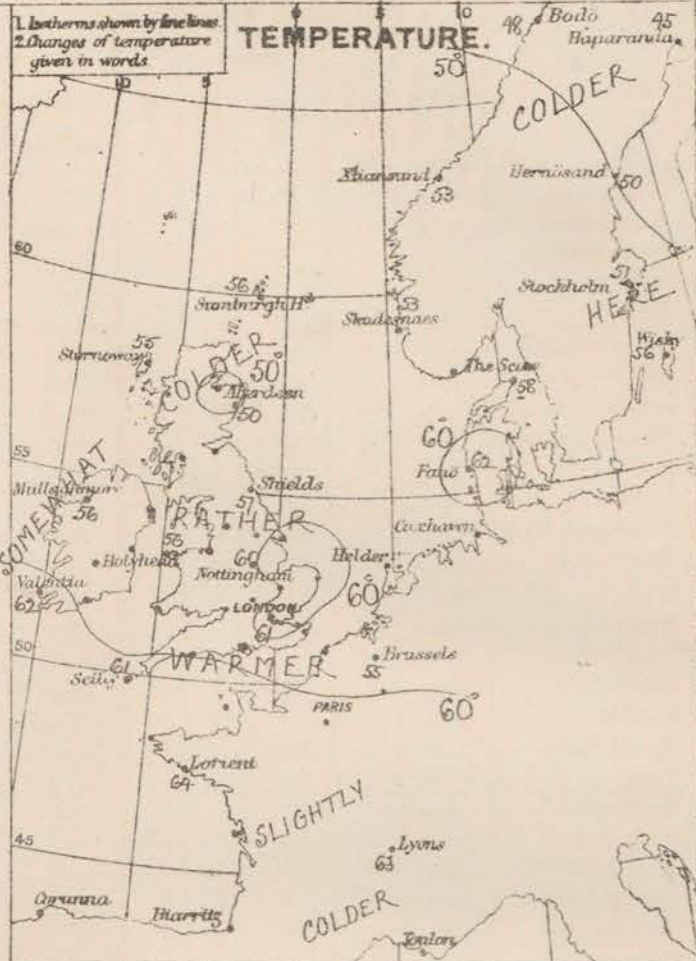
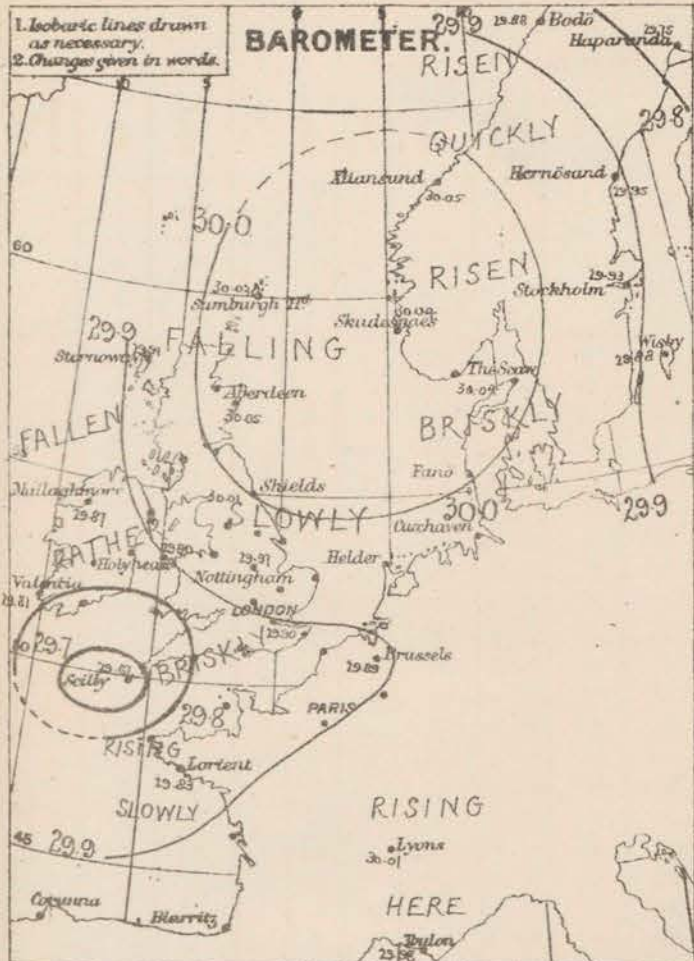
† Received too late for insertion in Chron.



## WEATHER CHARTS

for 8 a.m. on Thursday

9<sup>TH</sup> SEPT <sup>R.</sup><sub>11</sub> 1880.



REMARKS.

REMARKS. The depression which over the Bay of Biscay yesterday has moved slowly in a W<sup>d</sup> direction, and now lies over the Sicily Islands and the S. of Ireland, while a large Anticyclone lies over the S. of Norway, and the N<sup>e</sup> half of the Irish Sea. The barometer is falling at our W<sup>d</sup> and NW<sup>d</sup> stations, but rising quickly over Scandinavia. Temperature has risen a little over England and on the E<sup>n</sup> shores of the Irish Sea, but has changed very little in Ireland and Scotland. The maximum readings registered yesterday varied from 68° to 70° at our inland stations and Valentia, but were generally about 65° elsewhere. E<sup>ly</sup> winds are blowing over the greater part of England and Ireland, and are strong at some of our W<sup>d</sup> stations, while SW<sup>d</sup> winds are reported in the NW. of France. In Scotland the wind is light from SE. A good deal of rain has fallen in France, and a smaller quantity along our coast; but over all our N<sup>e</sup> and E<sup>n</sup> districts the weather has been dry. The sky is now clear in the N. and NE. cloudy and dull elsewhere and rain still falls at Brest and Sicily. The sea is rather rough in the SW. slight at Holyhead and Dover, smooth in our NE. coast.

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# DAILY WEATHER REPORT

10<sup>th</sup> SEPT<sup>r</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 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	30.00	40	N	2	b	30.10	+ 35	45	42	0	SW	2	b	*	54	34	—	
Hernösand	30.12	53	Z	0	b	30.22	+ 27	46	43	— 4	Z	0	b	*	61	41	—	
Stockholm	30.10	51	NNW	2	b	30.24	+ 31	53	47	+ 2	NNW	2	b	*	69	46	—	
Wisby	30.01	54	NW	4	b	30.13	+ 25	57	54	+ 1	ENE	2	b	*	61	45	—	
Bodö	30.03	51	WSW	2	0	30.07	+ 19	51	51	+ 3	SW	2	c	2	52	45	0.04	
Christiansund	30.07	51	ENE	1	b	30.04	— 01	53	49	0	ESE	3	b	2	59	41	—	
† Skudesnaes	30.02	55	Z	0	b	30.02	— 02	60	52	+ 7	ESE	8	b	5	64	?	—	
Örö (Xiansund)	30.09	59	ENE	4	b	30.10	+ 06	61	53	+ 2	ENE	6	b	3	61	54	—	
Skagen (The Skaw)	30.11	59	SE	2	b	30.14	+ 10	59	54	+ 1	SE	4	b	1	66	52	—	
Fanö	30.02	56	ESE	3	b	29.99	— 01	60	57	— 2	ESE	4	b	*	64	52	—	
Cuxhaven	30.03	64	SE	4	0	29.99	— 05	59	57	0	SE	4	b	*	?	55	—	
† Sumburgh Head	29.93	55	SE	4	b	29.78	— 25	57	54	+ 1	SE	5	b	5	61	51	—	
† Stornoway	29.73	58	SSE	6	b	29.44	— 47	59	55	+ 4	SSE	7	0	6	62	54	—	
Wick	29.87	56	S	5	b	29.65	— 38	57	56	+ 2	S	6	cu	5	62	54	—	
Nairn	29.83	58	Z	0	b	29.62	— 41	60	56	+ 11	SSE	3	0	2	67	46	—	
† Aberdeen	29.91	59	S	3	b	29.74	— 31	60	57	+ 10	SSE	4	b	3	64	50	—	
Leith	29.86	59	SE	1	b	29.65	— 36	60	57	+ 4	S	4	0	*	67	51	—	
† Shields	29.84	59	SSE	3	m	29.74	— 27	59	58	+ 2	S	5	c	2	63	55	—	
Spurn Head	29.88	61	ESE	4	b	29.78	— 19	62	60	0	SE	4	b	4	64	59	—	
York	29.88	62	ESE	2	b	29.76	— 23	60	59	+ 2	S	1	0	*	68	54	—	
Nottingham	29.87	63	ESE	1	0	29.75	— 22	62	59	+ 2	SE	3	0	*	72	55	—	
† Ardrossan	29.78	64	SSE	2	cm	29.55	— 42	60	59	+ 8	SE	4	0	3	69	51	0.09	
† Mullaghmore	29.64	62	SE	5	ogm	29.44	— 43	60	59	+ 4	S	4	rg	3	60	55	0.07	
Donaghadee	29.74	58	SSE	3	a	29.53	— 43	59	59	+ 4	S	4	r	2	63	55	0.16	
Parsonstown	29.65	61	SE	1	0	29.52	— 33	59	58	+ 3	SW	1	d	*	66	55	—	
Barrow-in-Furness	29.78	64	E	5	0	29.66	— 30	60	58	+ 4	E	6	0	4	66	56	0.12	
† Holyhead	29.78	64	SE	3	0	29.60	— 30	63	61	+ 7	SSW	3	c	1	68	55	0.01	
Liverpool (Bishop)	29.77	63	E	3	c	29.66	— 27	60	58	+ 3	ESE	4	c	1	67	57	0.03	
† Valentia	29.60	63	SSW	1	om	29.50	— 31	57	57	— 5	Z	0	rmg	1	70	56	0.42	
Roche's Point	29.57	61	ESE	4	r	29.55	— 23	60	60	+ 1	SSW	5	r	4	65	58	0.18	
Pembroke	29.67	63	SE	4	0	29.62	— 16	61	61	+ 1	S	3	0	3	64	58	0.01	
† Scilly	29.65	63	SSW	6	c	29.66	— 01	62	62	+ 1	SSW	4	0	4	64	59	0.03	
Prawle Point	29.77	61	SSE	3	c	29.71	— 10	60	60	0	S	2	c	3	64	59	0.15	
Harst Castle	29.81	64	S	3	r	29.72	— 12	67	65	+ 8	S	2	b	2	69	59	0.08	
† Dover	29.81	62	S	1	cg	29.78	— 09	64	62	+ 5	SE	1	b	0	64	54	0.04	
† London	29.82	62	ESE	2	0	29.78	— 12	64	62	+ 3	SE	1	c	*	68	55	—	
Oxford	29.83	60	E	1	0	29.74	— 16	61	59	+ 4	Z	0	b	*	64	53	0.03	
Cambridge	29.85	63	E	1	c	29.78	— 12	59	58	— 1	E	1	b	*	67	49	—	
† Yarmouth	29.87	63	E	4	b	29.81	— 14	62	60	0	SE	2	b	2	65	55	—	
The Helder																		
Cape Gris Nez	29.88	62	WSW	1	b	29.80	— 06	63	60	+ 6	SSE	3	b	1	64	55	—	
† Jersey	29.81	66	ESE	1	b	29.76	— 10	64	63	0	SW	2	b	3	69	61	—	
Brest	29.76	65	S	4	0	29.72	— 11	62	62	0	WSW	4	0	5	66	?	0.71	
Lorient	29.75	68	S	4	c	29.73	— 10	64	62	0	SW	4	c	5	72	63	0.04	
† Rochefort	29.80	76	WSW	3	b	29.85	— 09	68	66	0	WSW	4	0	2	86	64	—	
Biarritz	29.80	82	WSW	3	b	29.91		68	64		SW	4	b	3	86	64	—	
Corunna	*	*	*	*	*	29.89	+ 06	67	*	0	S	1	c	1	*	*	*	
Brussels	*	*	*	*	*	29.85	— 04	62	59	+ 7	S	1	b	*	65	57	0.12	
Charleville	29.99	66	S	1	b	29.89	— 03	54	52	— 6	S	1	b	*	73	?	—	
Paris	29.88	70	NNW	3	b	29.85	— 09	68	62	+ 1	NE	1	b	*	*	*	—	
Lyons	29.86	71	NE	1	c	29.90	— 11	62	62	— 1	E	1	c	*	81	60	0.32	
Toulon	29.95	73	Z	0	b	29.94	— 02	70	69	?	E	1	?	2	79	68	0.08	

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

Hawes Junction	28.63	58	ENE	2	b	28.50	— 26	55	54	+ 5	ESE	4	rm	62	49	0.10
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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	29.69	66	60	SE	2	0
Sumburgh Head	29.00	59	55	SE	3	c	Scilly	29.66	64	63	S	5	om
Stornoway	29.84	57	55	SSE	5	b	Dover	29.85	60	59	SE	2	op
Aberdeen	29.98	61	55	SSE	3	b	London	29.85	63	59	SE	2	0
Shields	29.96	63	59	SE	3	b	Yarmouth	29.93	64	60	E	5	b
Ardrossan	29.88	67	60	SSE	1	b	Jersey	29.87	66	64	SW	2	cg
Mullaghmore	29.78	65	58	SE	5	cm	Rochefort	29.86	68	72	SSE	4	b
Holyhead	29.82	65	60	SE	4	b							

The depression in the south-west is moving north-westwards, so that the wind has veered to south-east at Valentia to south at Scilly, and to the south-westward at Jersey. There is also a very small subsidiary disturbance off our south-east coast. The sea is slight at Holyhead, smooth at Dover.

## EXPLANATION OF COLUMNS

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

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

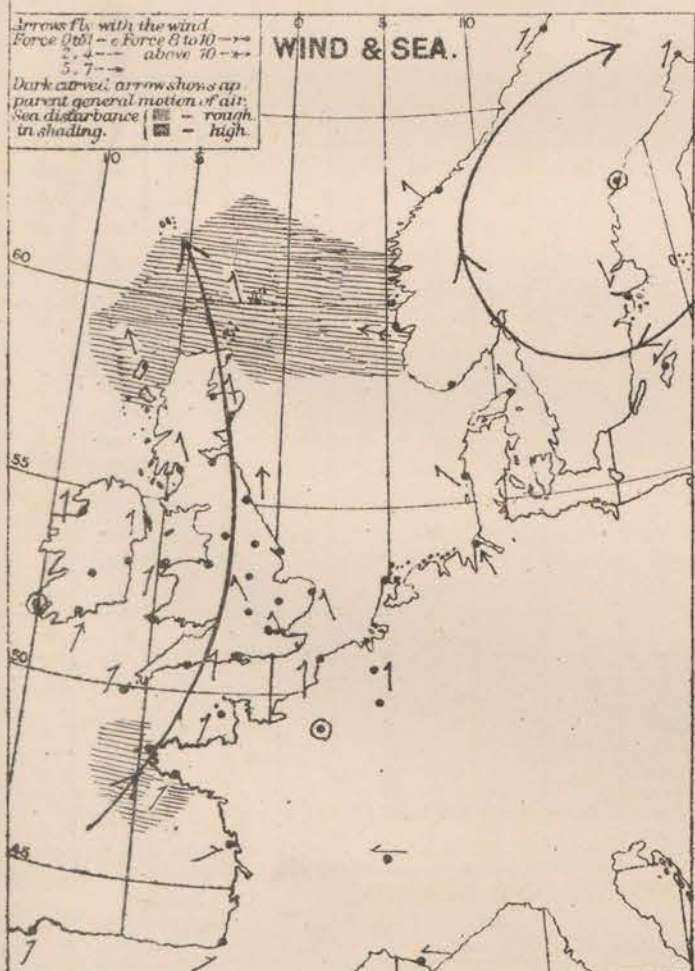
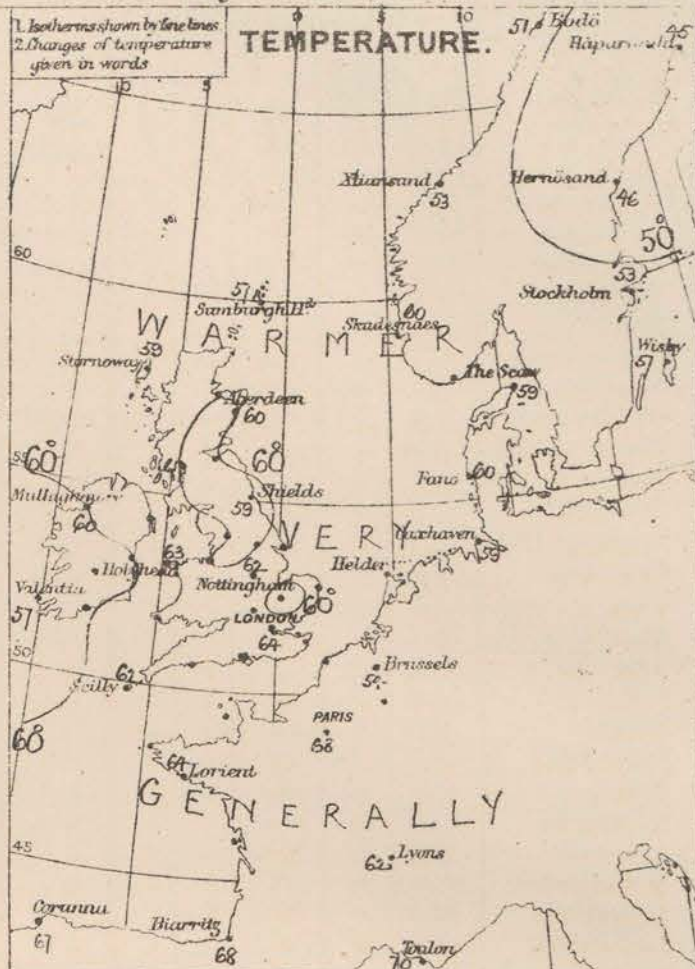
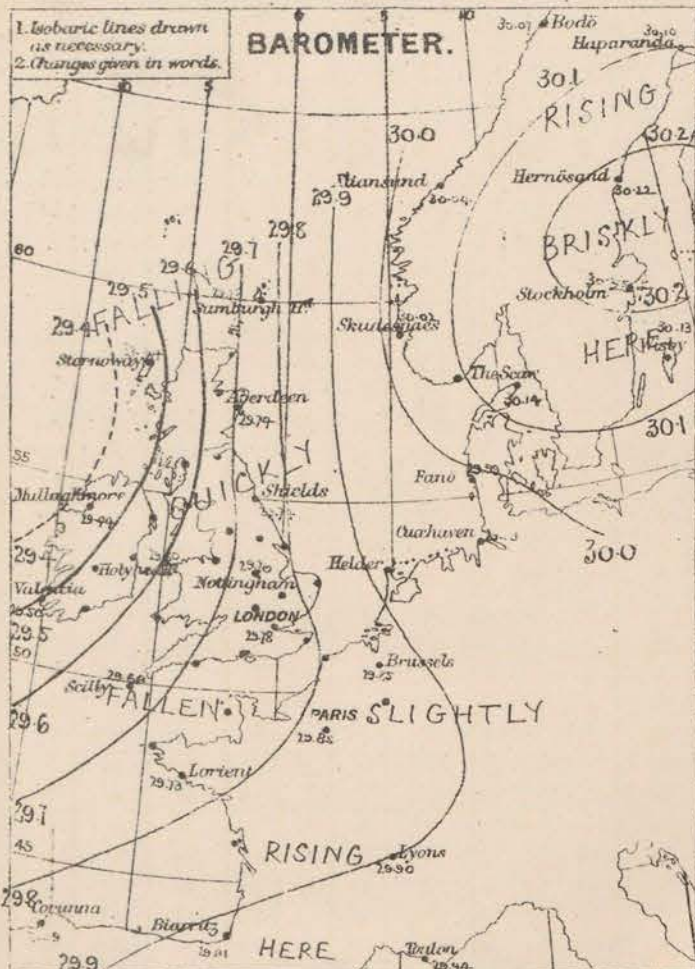
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



# WEATHER CHARTS for 8 a.m. on Friday 10<sup>th</sup> SEPT<sup>r</sup> 1880.



**REMARKS.** A further rise of the barometer has taken place over Scandinavia, and a further fall over the islands, so that readings now vary from 30.2 ins. over Sweden to 29.4 ins. off our southern NW coasts, and to which locality is a large depression moving in a NE direction. Temperature has risen generally, and varies from 57° to 61° in most places, but is still higher over our extreme SE coasts. Maximum of 72° at Nottingham, and 70° at Valencia were recorded yesterday, but at our island stations generally varied from 65° to 69°. The wind has veered to E or SE at our W and N coasts, and blows rather strongly at some of the Scotch stations. Over our SE coasts, however, and on the E shores of the North Sea it is SE to E, while in the W. of France it is SW. Rain has fallen at our S and W stations, and continues at several of our W ports. The sky is cloudy in most places, but clear on our E coasts, and to the E of the North Sea. The sea is rough in the N, moderate or slight in most other places, smooth at Holyhead and Dover.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 11<sup>TH</sup> SEPT 1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	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.	Dirac.	Force. (0 to 13).			Max.	Min.			
Haparanda	30.18	47	SW	2	b	30.20	+ .02	49	49	+ 4	SW	2	o	*	57	45	—		
Hernösand	30.25	54	Z	0	b	30.27	+ .02	46	44	0	Z	0	b	*	66	32	—		
Stockholm	30.28	50	SSW	2	b	30.32	+ .04	50	51	+ 3	SE	2	b	*	68	41	—		
Wisby	30.22	50	E	2	b	30.24	+ .02	50	50	— 3	SE	2	b	*	61	45	—		
Bodö	30.05	51	Z	0	b	29.88	— .17	55	48	+ 4	E	4	b	*	57	46	—		
Christiansund	29.91	55	ESE	1	b	29.79	— .12	62	42	+ 9	SE	3	bc	2	64	46	—		
† Skudesnaes	29.91	64	SE	8	o	29.80	— .11	63	60	+ 3	SE	8	o	5	2	7	—		
Oxö (Xiansund)	30.08	62	ESE	6	bc	30.02	— .06	61	58	0	ESE	8	c	4	63	49	—		
Skagen (The Skaw)	30.15	63	SE	6	b	30.11	— .04	60	57	+ 1	SE	6	bc	4	68	54	—		
Fanö	30.00	60	SE	6	b	29.91	— .09	61	57	+ 1	SE	6	b	*	68	57	—		
Cuxhaven	29.99	68	SE	4	c	29.95	— .04	60	57	+ 1	SSE	4	b	*	68	55	—		
† Sumburgh Head	29.58	58	SE	7	o	29.50	— .08	53	52	— 1	SW	1	r	6	62	52	1.17		
† Stornoway	29.37	57	S	4	r	29.33	— .04	54	52	— 5	SW	5	r	5	59	52	0.55		
Wick	29.50	57	S	5	r	29.48	— .02	55	65	— 2	S	3	o	6	59	53	1.12		
Nairn	29.44	65	S	3	o	29.44	— .00	53	51	— 7	SW	1	o	1	66	53	0.20		
† Aberdeen	29.57	59	S	4	o	29.52	— .05	57	54	— 5	S	3	o	2	65	54	0.86		
Leith	29.54	62	S	1	c	29.55	+ .01	56	55	— 4	SW	1	c	*	67	54	0.12		
† Shields	29.61	62	SSE	3	r	29.61	— .00	58	57	— 1	WSW	1	o	5	66	56	0.71		
Spurn Head	29.67	65	SE	5	o	29.65	— .02	64	62	+ 2	SSW	5	c	4	66	60	—		
York	29.63	62	S	3	o	29.65	+ .02	57	57	— 3	S	1	o	*	74	55	—		
Nottingham	29.67	69	S	4	a	29.68	+ .01	62	61	0	Z	0	r	*	79	59	0.02		
† Ardrossan	29.49	60	SSW	4	r	29.53	+ .04	58	55	— 2	SW	3	b	3	62	55	0.38		
† Mullaghmore	29.48	58	W	4	o	29.50	+ .02	52	51	— 8	SW	5	bc	4	60	47	0.24		
Donaghadee	29.49	60	SSW	5	r	29.57	+ .08	56	55	— 3	SW	2	b	0	63	49	0.24		
Parsonstown	29.53	58	S	1	o	29.61	+ .08	55	53	— 4	SW	2	c	*	62	47	0.51		
Barrow-in-Furness	29.60	63	SE	3	r	29.61	+ .01	61	59	+ 1	NNW	3	c	3	66	56	0.26		
† Holyhead	29.58	62	SSW	2	r	29.64	+ .06	58	56	— 5	WSW	2	c	3	66	55	0.27		
Liverpool (Biston)	29.69	64	SSW	1	o	29.64	— .05	59	57	— 1	SSE	1	o	1	69	57	0.18		
† Valentia	29.58	57	WN	1	c	29.62	+ .04	60	56	+ 3	SW	4	bc	4	65	51	0.37		
Roche's Point	29.57	60	W	4	bc	29.62	+ .05	57	54	— 3	W	2	b	3	63	53	0.08		
Pembroke	29.59	61	SSW	4	o	29.66	+ .07	60	57	— 1	WNW	3	c	2	64	56	0.36		
† Scilly	29.60	60	W	4	o	29.72	+ .12	61	59	— 1	W	4	o	4	66	58	0.06		
Prawle Point	29.71	60	S	3	o	29.72	+ .01	59	59	— 1	WNW	1	o	2	62	57	0.06		
Hurst Castle	29.72	64	SW	3	c	29.68	— .04	62	61	— 5	W	2	o	1	70	62	0.03		
† Dover	29.76	66	SW	2	b	29.78	+ .02	65	63	+ 1	SW	4	b	3	70	61	0.01		
† London	29.74	66	SW	2	c	29.71	— .03	66	63	+ 2	S	2	o	*	80	61	—		
Oxford	29.71	68	SE	2	a	29.69	— .02	58	57	— 3	Z	0	r	*	73	58	0.28		
Cambridge	29.71	60	S	1	o	29.68	— .03	65	62	+ 6	S	1	o	*	79	57	—		
† Yarmouth	29.76	67	SE	4	b	29.78	+ .02	66	64	+ 4	S	3	b	2	68	60	—		
The Helder	29.84	67	ESE	1	b	29.78	— .06	64	62	+ 3	S	1	bc	1	74	61	—		
Cape Gris Nez	29.79	65	SW	1	bc	29.78	— .01	61	60	— 2	S	3	bc	0	81	55	0.04		
† Jersey	29.78	66	SW	3	c	29.72	— .06	62	62	— 2	SSW	3	omur	3	70	61	0.09		
Brest	29.74	64	SSW	5	o	29.76	+ .02	57	57	— 5	NNW	3	r	2	64	55	0.67		
Lorient	29.76	66	SW	7	r	29.69	— .07	62	60	— 2	ESE	3	r	2	70	61	0.65		
† Rochefort	29.89	71	WSW	5	bc	29.78	— .11	66	64	— 2	SSW	5	o	2	77	59	0.04		
Biarritz	29.89	71	NE	4	bc	29.82	— .07	70	65	+ 2	NNW	7	c	3	82	63	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.82	— .03	65	62	+ 3	S	3	b	*	77	61	—		
Charleville	29.86	69	SW	5	c	29.87	+ .01	62	59	+ 8	S	3	o	*	81	50	0.04		
Paris	29.80	70	SE	4	b	29.77	— .03	68	62	0	ENE	1	b	*	*	*	—		
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Toulon	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		

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

Hawes Junction	28.41	61	S	4	r	28.41	— .09	53	53	— 2	SW	1	o	*	65	52	0.54
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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 ...	29.97	67	55	SE	7	b	5	Valentia ...	29.48	62	58	W	2	c	3
Sumburgh Head	29.70	59	56	SE	6	c	6	Scilly ...	29.60	63	63	SSW	4	o	4
Stornoway ...	29.37	57	57	SSE	4	r	6	Dover ...	29.77	68	65	E	1	b	0
Aberdeen ...	29.65	59	58	SSE	4	r	3	London ...	29.74	76	66	SE	3	bc	*
Shields ...	29.68	66	63	SE	4	c	3	Yarmouth ...	29.81	67	64	SE	3	b	2
Ardrossan ...	29.52	62	61	SSE	4	o	3	Jersey ...	29.68	69	65	SSW	3	o	3
Mullaghmore ...	29.49	59	58	SW	4	org	3	Rochefort ...	29.88	73	67	W	5	c	2
Holyhead ...	29.60	64	62	SSW	3	o	2								

The depressions in the NW and W are moving NE<sup>ly</sup>, and a recovery of pressure has commenced in Ireland. Fine bright weather prevails over our E. counties, dull weather in the W., and rain in the N. The sea is smooth at Holyhead, very calm at Dover.

### 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); 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.

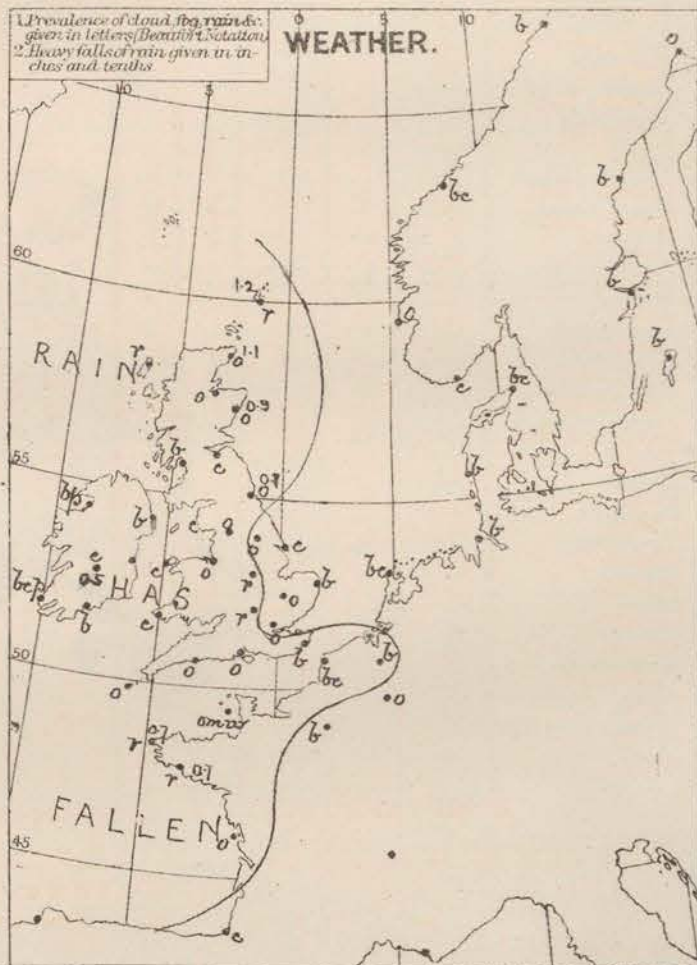
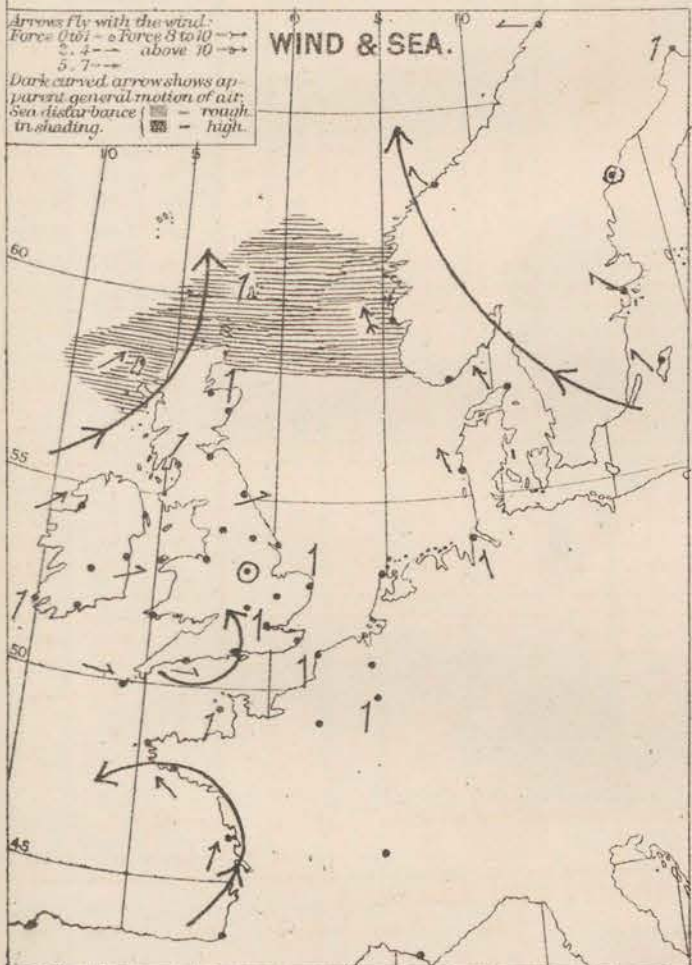
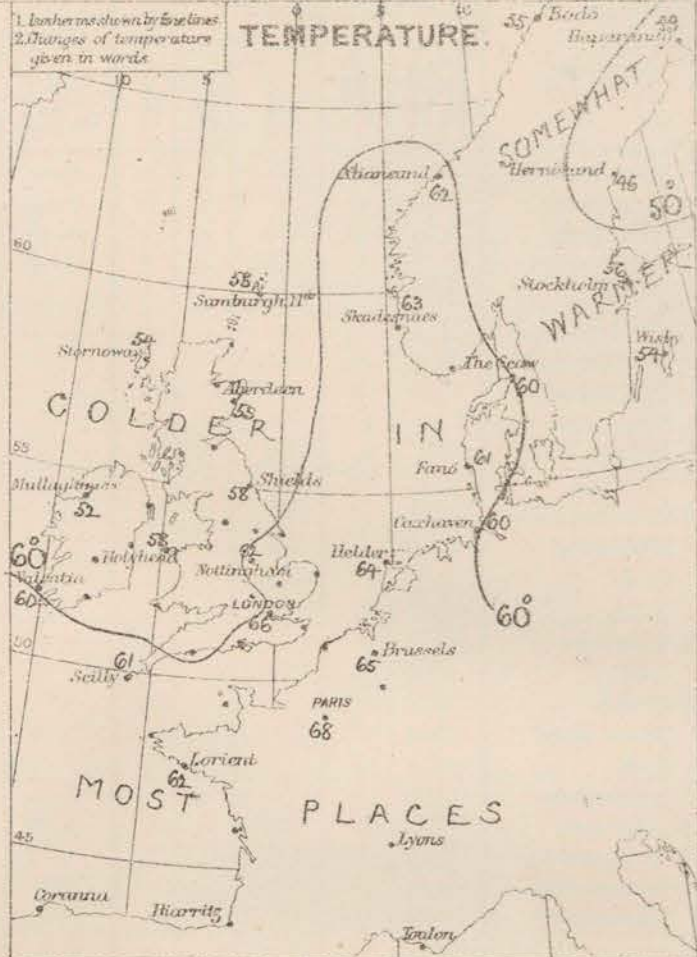
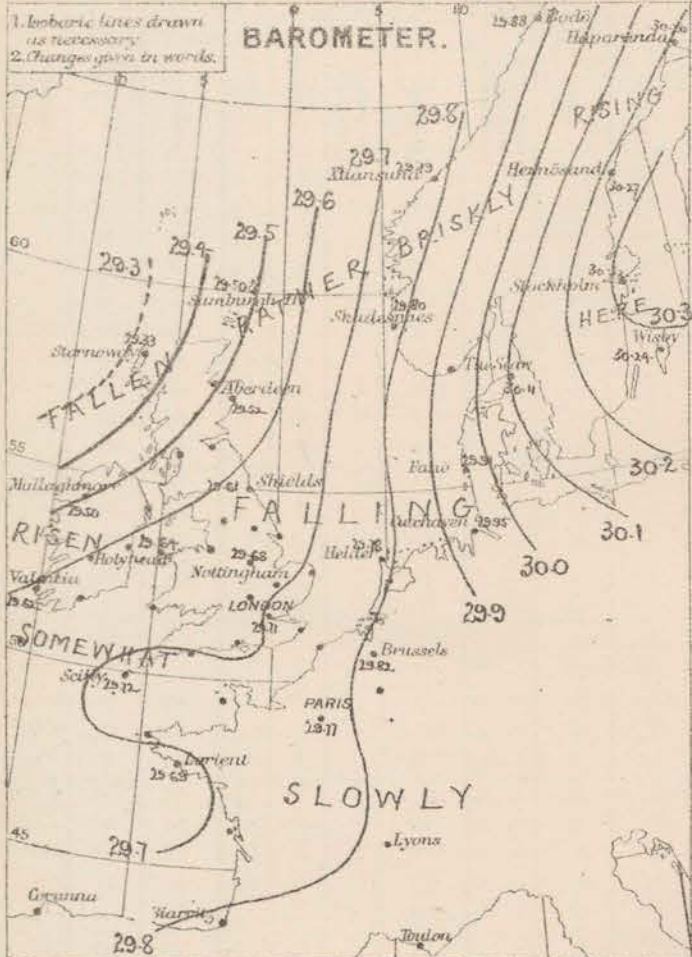
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

§ S.W.—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 11<sup>th</sup> SEPT. 1880.



**REMARKS.** The large area of low pressure off our NW coasts is still moving very slowly to the NE<sup>W</sup>, while the small secondary disturbance which came over Ireland yesterday afternoon has only reached the neighbourhood of Downshire, Donegal and Glencorish. SW breeze and consequently still prevalent in the W. and N. variable airs and calms are felt at our central stations, light W. breeze in the S. and SE. in the E. On the E. shores of the North Sea SE. winds are still reported, and blow hard in the S. of Norway. In the meantime a new depression has begun to advance towards France from the Bay of Biscay, causing a brisk fall of the barometer in the W. Departments, accompanied by a S. wind at Rochfort and an ESE breeze at Lorient. Temperature is falling irregularly over the whole of the British Isles and France. A maximum of 80° was attained over our SE. counties yesterday and 79° at Nottingham; in the NE. of France 81° was recorded. Rain has fallen heavily in Scotland, and in smaller quantities elsewhere; cloudy showery weather is very prevalent over the British Isles and France this morning. The sea is rough in the N. moderate in the extreme W. and S.W. smooth at Holyhead and Dover.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

12<sup>TH</sup> SEPT

1880.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 55° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRIC.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 5).	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	30.15	57	S	2	b	30.20	+.05	52	51	+ 3	S	4	c	*	52	46	—	
Hernösand	30.23	55	S	2	b	30.24	+.01	57	53	+ 11	SSW	4	bc	*	63	26	—	
Stockholm	30.26	55	SSE	2	b	30.28	+.02	61	53	+ 5	SSE	4	o	*	64	45	—	
Wichy	30.19	52	SSE	2	b	30.19	-.05	58	51	+ 4	SE	2	o	*	66	29	—	
Bodö	29.80	56	E	2	b	29.91	+.08	55	54	o	E	4	c	2	64	52	—	
Christiansund	29.70	64	SSE	5	o	29.75	+.01	57	54	- 5	ENE	2	c	3	68	50	—	
† Skudesnaes	29.76	64	SSE	5	r	29.70	-.06	64	57	+ 1	SE	8	o	4	66	63	—	
Oxö (Xidnäsund)	29.93	63	ESE	5	c	29.87	-.06	62	58	+ 1	ESE	8	c	5	66	61	—	
Skagen (The Skaw)	30.02	61	SE	8	bc	29.97	-.05	60	57	o	SE	8	bc	6	56	55	—	
Fanö	29.84	62	SE	6	b	29.75	-.09	62	58	+ 1	SE	6	b	*	70	57	—	
Cuxhaven	29.89	71	SSE	5	c	29.78	-.11	62	58	+ 2	SSE	5	c	*	72	57	—	
† Sumburgh Head	29.53	55	SSE	5	bc	29.61	+ .08	53	53	o	NE	3	o	5	58	46	0.18	
† Stornoway	29.48	55	SW	4	bc	29.51	+ .03	55	52	+ 1	S	3	c	2	58	48	0.18	
Wick	29.55	55	SW	2	b	29.55	+ .07	55	53	o	E	1	o	3	63	45	—	
Nairn	29.56	57	SW	2	b	29.57	+ .01	48	45	- 5	2	o	o	2	65	45	—	
† Aberdeen	29.62	59	S	2	b	29.55	-.07	51	50	- 4	NNW	1	r	1	63	49	0.21	
Leith	29.63	62	W	1	bc	29.55	-.08	55	53	- 1	NE	1	o	*	69	51	—	
† Shields	29.65	61	S	1	o	29.52	-.13	52	52	- 6	NNW	1	r	3	66	52	0.41	
Spurn Head	29.68	58	NE	3	o	29.52	-.16	54	54	- 10	WSW	5	c	4	64	54	2.03	
York	29.69	59	S	1	r	29.55	-.14	56	54	- 1	W	3	b	*	63	50	1.25	
Nottingham	29.68	60	2	o	r	29.64	-.04	60	59	- 2	SW	3	b	*	69	48	0.80	
† Ardrossan	29.63	58	SW	2	b	29.53	-.10	53	52	- 5	NE	2	over	1	62	50	0.06	
† Mullaghmore	29.61	60	NNW	4	c	29.53	-.08	56	54	+ 4	SSW	3	o	2	63	53	0.02	
Donaghadee	29.64	58	SW	1	c	29.56	-.08	57	57	+ 1	S	1	o	0	67	50	—	
Parsonstown	29.64	60	2	o	o	29.56	-.08	53	52	- 2	SSE	1	c	*	64	46	—	
Barrow-in-Furness	29.66	57	SW	2	c	29.56	-.10	55	54	- 6	E	2	o	2	66	52	—	
† Holyhead	29.68	60	SSW	2	c	29.57	-.11	59	57	+ 1	SSW	2	bc	1	63	56	—	
Liverpool (Bishopstow)	29.67	59	NNW	1	c	29.59	-.08	55	53	- 4	S	1	bc	1	64	54	0.17	
† Valentia	29.63	59	2	o	o	29.57	-.06	56	55	- 4	2	o	p.	1	64	50	0.11	
Roches Point	29.66	60	SW	3	bc	29.57	-.09	57	55	o	NNW	1	bc	3	64	53	0.01	
Pembroke	29.69	61	WSW	2	c	29.58	-.11	59	57	- 1	SSW	3	cp.	3	63	55	0.04	
† Scilly	29.74	61	WSW	4	o	29.62	-.12	61	61	o	SW	4	cp.	4	65	55	0.07	
Prawle Point	29.73	49	NNW	3	c	29.68	-.05	60	59	+ 1	S	4	cp.	4	61	54	0.01	
Hurst Castle	29.66	56	N	2	r	29.70	+ .04	61	59	- 1	WSW	4	bc	3	62	50	0.97	
† Dover	29.63	66	ENE	3	b	29.71	+ .08	60	57	- 5	WSW	4	b	3	68	55	0.34	
† London	29.65	62	NE	1	r	29.70	+ .05	57	56	- 9	SW	2	b	*	72	53	1.63	
Oxford	29.68	55	2	o	r	29.69	+ .01	57	55	- 1	SSW	1	b	*	62	51	0.84	
Cambridge	29.66	57	SW	1	r	29.67	+ .01	56	55	- 9	SW	1	b	*	69	50	1.37	
† Yarmouth	29.67	65	SSE	3	b	29.61	-.06	57	54	- 9	WSW	4	b	2	69	53	0.11	
The Helder	29.72	68	E	1	b	29.56	-.16	62	59	- 2	S	4	r	2	73	57	—	
Cape Gris Nez	29.65	65	NNE	3	c	29.71	+ .06	60	55	- 1	SW	5	b	4	75	57	1.69	
† Jersey	29.75	55	NN	3	r	29.76	+ .01	60	58	- 2	SSW	3	cu.	3	62	54	1.83	
Brest	29.82	60	NNW	4	o	29.68	-.14	62	60	+ 5	SSW	5	o	5	66	57	0.24	
Lorient	29.81	62	NN	7	c	29.73	+ .08	62	59	o	SSW	5	c	4	66	55	0.95	
† Rochefort	29.84	66	NN	9	c	29.85	+ .01	64	62	- 2	S	4	o	2	70	59	0.08	
Biarritz	29.96	68	NNW	7	r	29.85	+ .08	60	56	- 10	SE	5	o	4	73	55	0.05	
Coranna	*	*	*	*	*	29.82	-.15	60	*	- 5	SW	1	op	1	*	*	*	
Brussels	*	*	*	*	*	29.78	-.04	58	57	- 7	SW	5	c	*	75	55	0.04	
Charleville	29.75	71	ESE	1	b	29.86	+ .11	56	52	- 6	SSW	8	o	*	57	50	0.12	
Paris	29.61	67	SSE	5	b	29.89	+ .28	57	54	- 11	SSE	4	o	*	*	*	0.16	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	29.87	71	SE	3	b	29.83	-.06	60	65	- 2	E	5	o	2	79	64	0.16	

## HIGH LEVEL STATION.

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

Hawes Junction	29.47	54	W	1	0	28.35	-.12	49	45	- 4	N	1	0	*	59	47	0.05
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

Bar.	Dry.	Wet.	Wind.	Weg.	Sea.	Bar.	Dry.	Wet.	Wind.	Weg.	Sea.
Skudesnaes	29.76	66	SE	5	0	Valentia	29.65	61	WSW	3	op
Sumburgh Head	29.49	55	SE	4	c	Scilly	29.74	63	W	3	0
Stornoway	29.34	58	S	5	r	Dover	29.72	65	SSW	3	b
Aberdeen	29.58	61	S	4	b	London	29.69	67	NNW	2	c
Shields	29.64	65	SW	2	c	Yarmouth	29.72	67	SSE	4	b
Ardrossan	29.58	61	SW	3	b	Jersey	29.71	57	N	3	r
Mullaghmore	29.57	60	W	6	bc	Rochefort	29.76	71	W	8	c
Holyhead	29.69	62	SW	3	c						

The weather is very unsettled over western Europe. The depression in the north-west is moving N.W. and those over England, France, and apparently travelling eastwards. The weather continues fine in the S.W. and E., but is dull and showery elsewhere.

## EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 5 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).

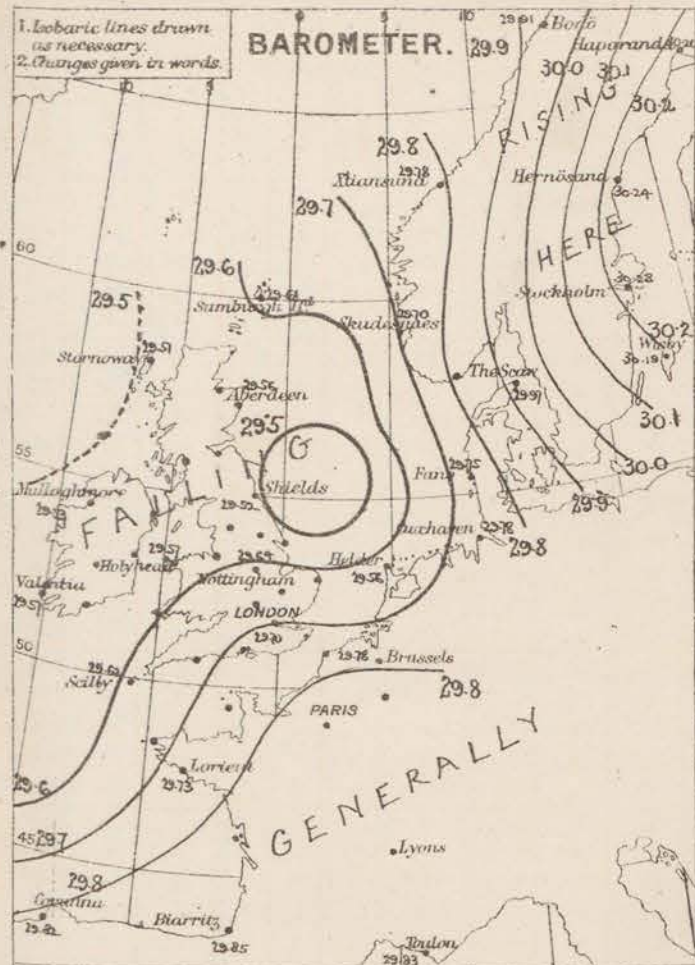
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Sunday 12<sup>th</sup> SEPT. 1880.

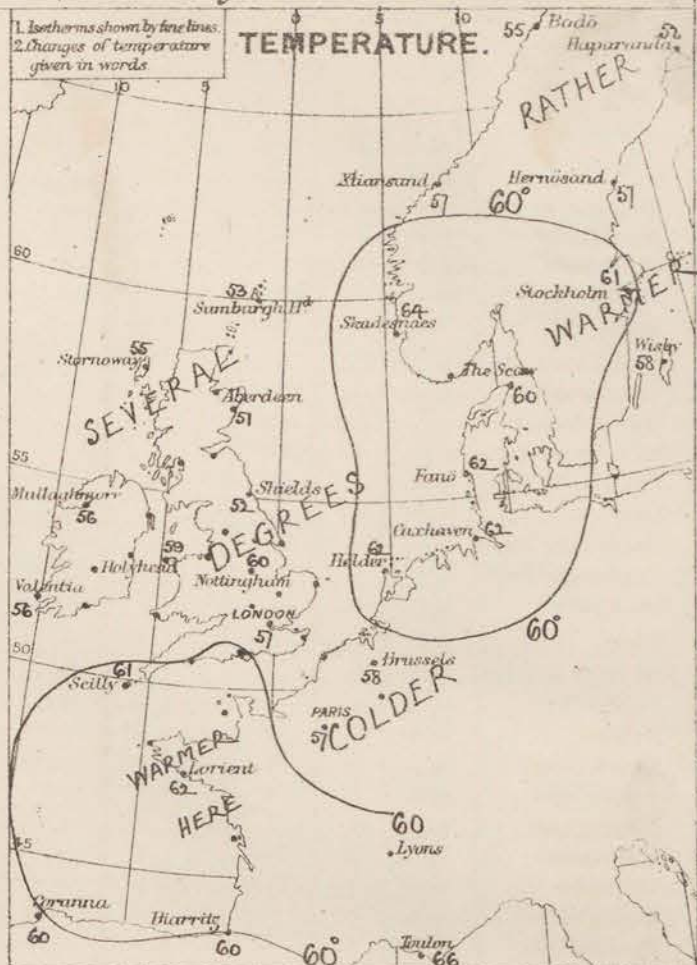
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



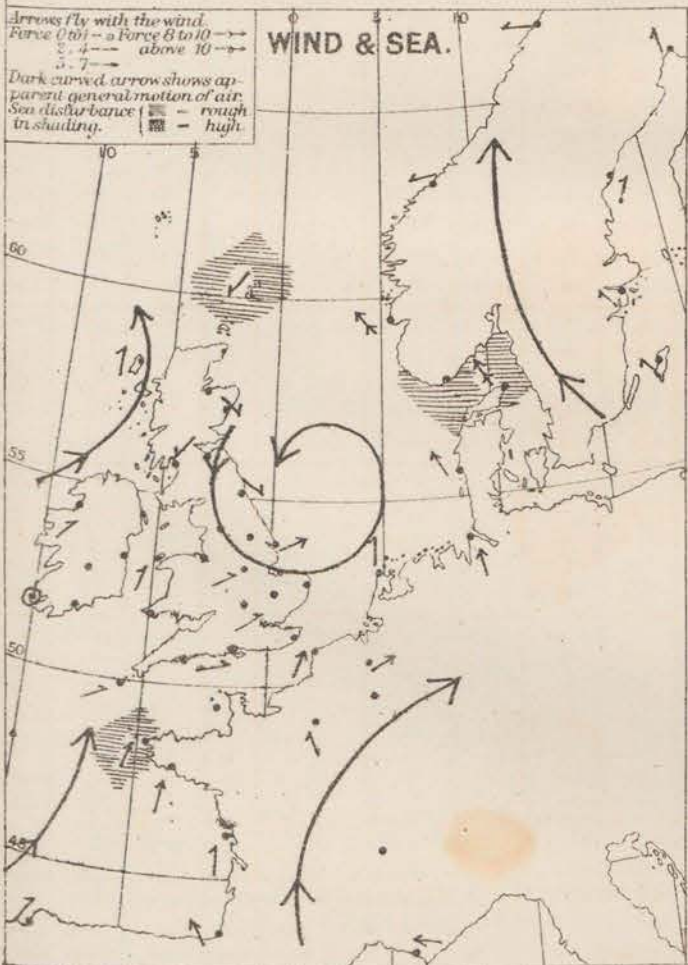
1. Isotherms shown by fine lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



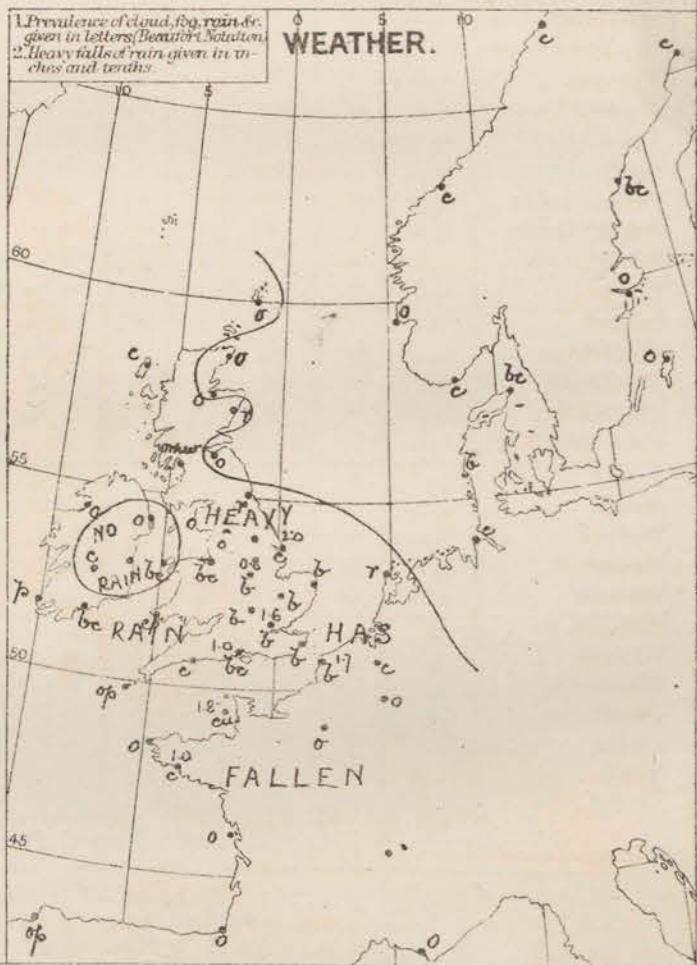
Arrows fly with the wind.  
Force 0 to 10 - a Force 8 to 10 -  
above 10 -  
Dark curved arrow shows apparent general motion of air.  
Sea disturbance ( ) - rough in shading. ( ) - high

## WIND & SEA.



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

## WEATHER.



**REMARKS** The weather in the course of the past 24 hours has been in a more unsettled state than for a long while past. The depression noticed in the N. and over England yesterday passed away during the day, the former disappearing to the N. of our Islands, the latter dispersing entirely. A third depression, however, which was coming towards the W. of France on Saturday transited across that country and England later on, and is now found off our E. coast. Temperature has fallen several degrees over the United Kingdom and reading are very uniform. The winds varies greatly in direction, but is chiefly from the W. and N. with NW over our E. coast. On the E. shores of the North Sea, SE. gales (amounting to a gale in the Skagerrack) still prevail. Torrents of rain fell during last night over the S. and E. counties, and has now extended to our NE. stations, but in the S. the sky has cleared. The sea is rough off the Shetlands and in the Skagerrack, moderate to slight elsewhere.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

13<sup>th</sup> SEPT

1880.

STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 33° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer at 33° F. and Sea Level.	SHADE TEMP.			WIND.		W. after Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Max.	Min.					
Haparanda	30.22	51	S	4	b	30.27	+ .07	51	49	- 1	S	4	58	48	-				
Hernösand	30.22	57	S	1	o	30.26	+ .01	57	50	0	SSW	4	63	48	-				
Stockholm	30.25	56	SSE	4	e	30.21	- .07	60	54	- 1	SSE	4	63	50	-				
Wisby	30.17	51	SE	2	b	30.13	- .06	58	55	0	SSE	8	63	45	-				
Bodo	29.87	58	E	2	b	29.84	- .07	54	47	- 1	E	2	63	50	-				
Christiansund	29.64	64	SSE	6	e	29.79	+ .01	58	55	+ 1	NN	2	?	50	-				
Skudesnaes	29.60	62	SE	8	o	29.73	+ .03	59	57	- 5	ESE	2	64	?	-				
Oxö (Klansund)	29.50	61	SSE	8	r	29.51	- .06	61	58	- 1	E	4	62	59	0.16				
Skagen (The Skaw)	29.92	62	SE	8	e	29.87	- .10	60	57	0	SE	7	66	57	-				
Fanö	29.85	61	L	0	o	29.72	- .03	55	57	- 4	SE	2	68	55	0.08				
Cuxhaven	29.85	66	SSW	1	o	29.77	- .01	59	59	- 3	S	1	66	55	0.03				
Sumburgh Head	29.24	62	H	4	r	29.92	- .09	54	55	+ 3	SE	6	58	49	1.15				
Stornoway	29.40	56	SE	1	o	29.41	- .10	52	52	- 3	L	0	60	50	0.20				
Wick	29.43	62	H	2	o	29.46	- .09	55	54	0	SW	2	68	60	0.49				
Nairn	29.44	57	L	0	o	29.46	- .11	52	51	+ 4	L	0	57	47	0.19				
Aberdeen	29.49	57	S	1	b	29.48	- .07	54	53	+ 3	L	0	59	51	0.60				
Leith	29.50	57	SW	1	e	29.50	- .05	54	53	- 1	H	1	64	51	0.44				
Shields	29.55	63	SW	2	bc	29.48	- .04	54	54	+ 2	NN	2	65	50	0.68				
Spurn Head	29.63	62	SSW	5	bc	29.51	- .01	55	?	+ 1	WSW	3	67	54	0.15				
York	29.59	62	S	2	bc	29.52	- .06	55	55	- 1	H	3	68	52	0.78				
Nottingham	29.62	58	SSE	2	o	29.60	- .04	56	56	- 4	NN	3	70	53	1.33				
Ardrossan	29.47	59	H	3	o	29.57	- .02	55	52	+ 2	NN	3	60	52	0.02				
Mullaghmore	29.50	57	H	4	o	29.60	+ .07	57	50	- 5	SW	4	62	48	0.35				
Donaghadee	29.50	55	SW	2	r	29.59	+ .03	53	51	- 4	WSW	3	64	45	0.26				
Parsonstown	29.54	59	ESE	3	bc	29.70	+ .14	51	49	- 2	SE	1	62	43	-				
Barrow-in-Furness	29.54	61	ESE	3	r	29.53	- .03	55	54	0	NNN	5	65	53	0.51				
Holyhead	29.57	61	SSW	3	e	29.64	+ .07	55	51	- 4	NNN	5	63	54	0.05				
Liverpool (Bilston)	29.55	58	SSE	3	r	29.59	00	55	52	0	NNN	5	66	54	0.42				
Valentia	29.61	55	H	4	e	29.76	+ .19	54	50	- 2	H	3	65	56	0.04				
Roche's Point	29.59	58	NN	4	bc	29.72	+ .15	52	48	- 5	NN	3	62	55	0.08				
Pembroke	29.56	59	SE	3	e	29.70	+ .12	56	52	- 3	NNN	4	62	54	0.27				
Scilly	29.63	61	NNN	4	e	29.80	+ .18	59	56	- 2	NNN	5	63	55	0.40				
Prawle Point	29.63	57	SW	2	e	29.75	+ .07	56	54	- 4	NNN	3	61	50	0.21				
Hurst Castle	29.62	62	SW	4	r	29.68	- .02	58	56	- 3	NNN	4	65	56	0.70				
Dover	29.70	63	SSE	3	bc	29.62	- .09	57	54	- 3	SSW	4	64	55	0.08				
London	29.66	66	S	2	bc	29.67	- .06	57	55	0	H	2	68	54	0.46				
Oxford	29.63	58	S	2	r	29.65	- .04	55	53	- 2	H	3	64	53	1.07				
Cambridge	29.66	61	S	1	o	29.59	- .08	56	56	0	SW	1	69	54	0.40				
Yarmouth	29.71	63	S	4	b	29.57	- .04	57	56	0	WSW	4	67	55	0.12				
The Helder																			
Cape Gris Nez	29.74	61	SSE	4	e	29.63	- .08	58	57	- 2	NNN	5	77	57	0.08				
Jersey	29.66	59	SSW	4	r	29.79	+ .03	60	56	0	NNN	4	65	57	1.35				
Brest	29.71	61	NN	3	b	29.85	+ .17	58	55	- 4	H	4	63	57	0.12				
Lorient	29.65	62	NNN	7	e	29.81	+ .08	60	54	- 2	NNN	5	64	57	0.59				
Rochefort	29.81	64	S	5	r	29.89	+ .04	65	60	+ 1	NNN	7	68	57	0.59				
Biarritz	29.83	69	NNN	3	o	29.95	+ .10	61	58	+ 1	S	3	75	57	0.43				
Corunna																			
Brussels						29.67	- .11	60	58	+ 2	SSW	3	66	55	-				
Charleville	29.84	61	S	1	o	29.75	- .11	56	53	0	SE	1	68	55	-				
Paris	29.80	65	SW	4	o	29.78	- .11	60	59	+ 3	SSE	5			0.20				
Lyons																			
Toulon	29.85	71	SW	1	o	29.89	+ .08	64	59	- 2	NN	5	77	63	0.32				

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

Hawes Junction	28.35	55	SSE	3	o	28.32	- .03	51	50	+ 2	SW	2	61	48	0.78				
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

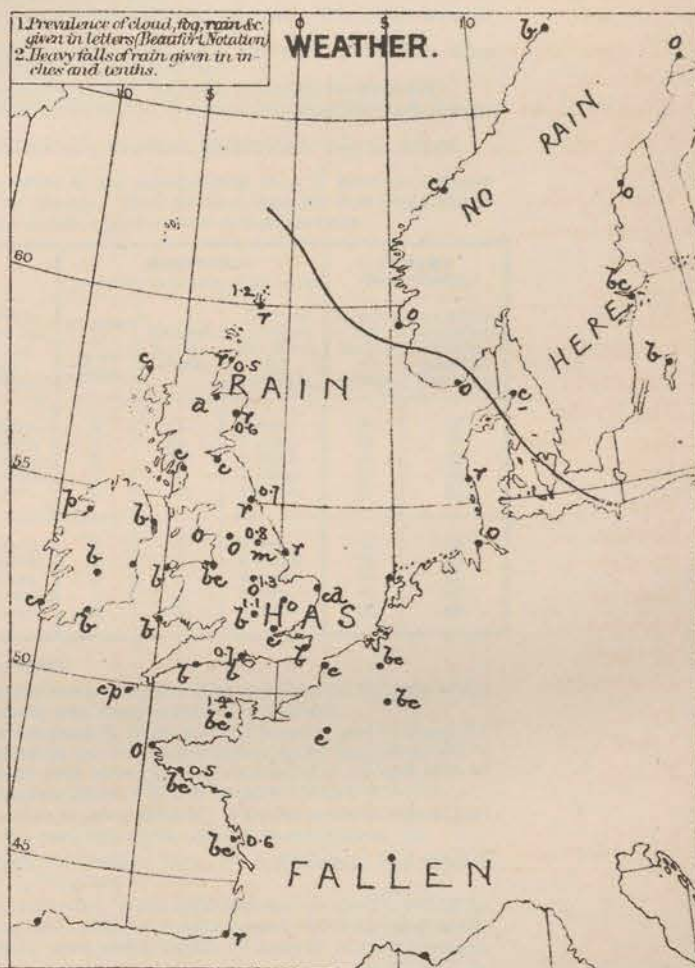
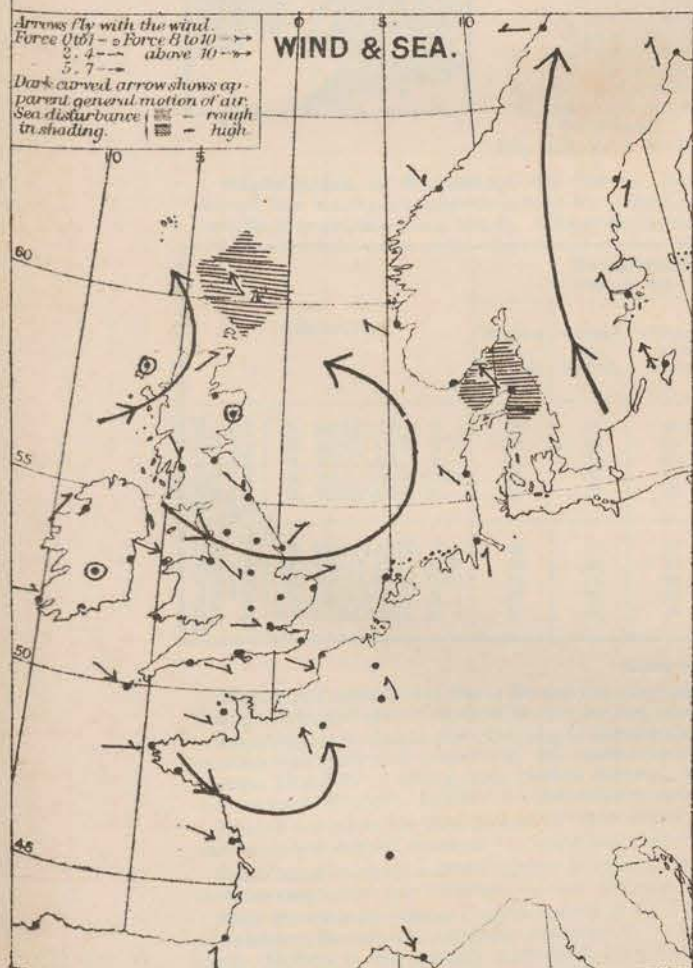
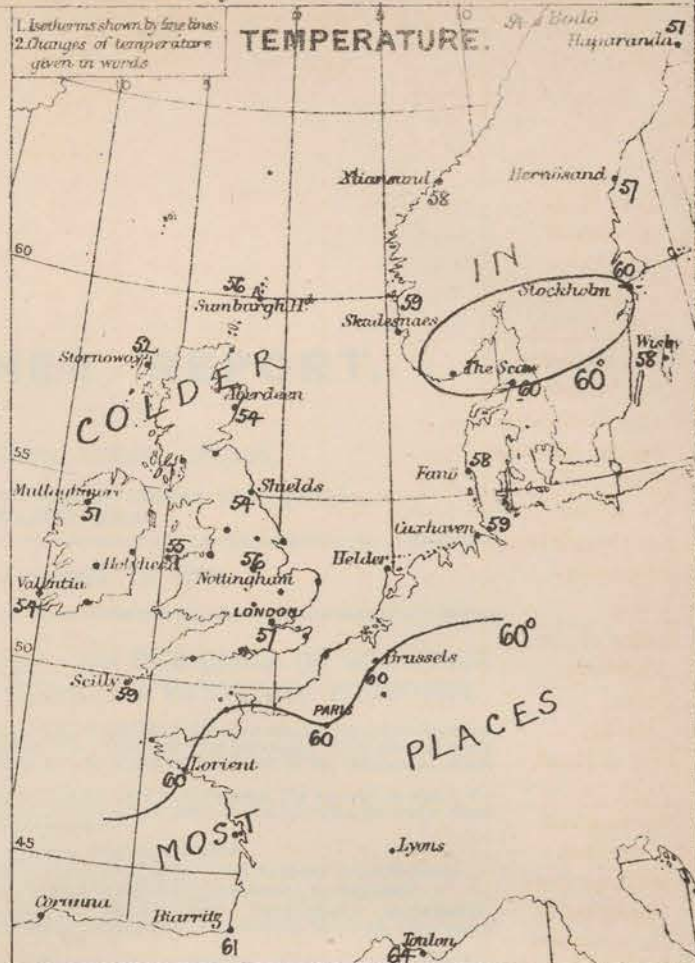
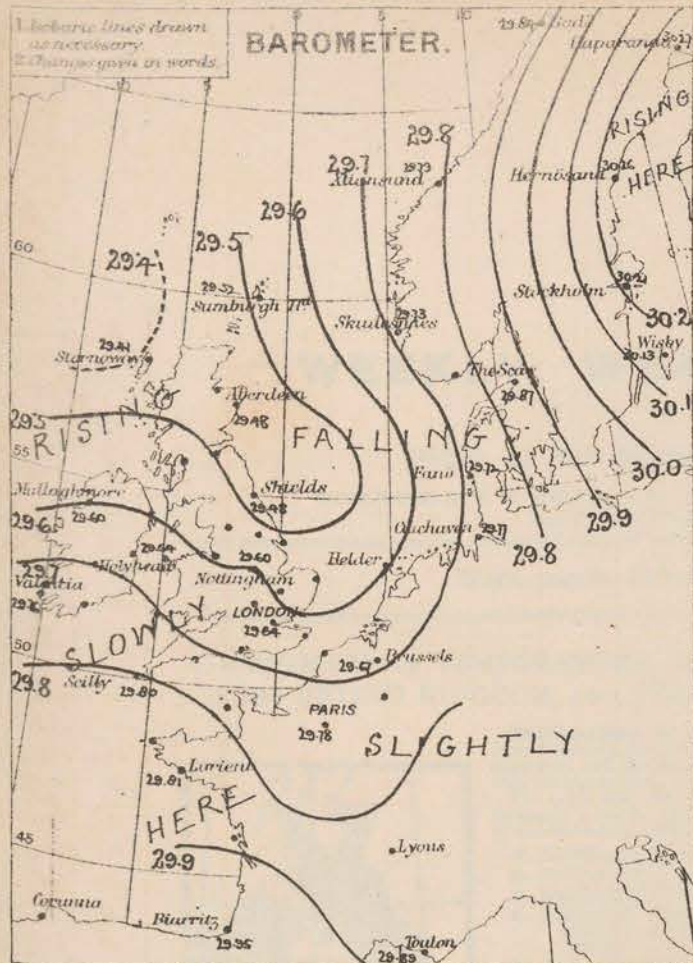
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.63	64	58	ESE	8	o	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	29.82	65	63	SSW	5	r
Holyhead													

## EXPLANATION OF COLUMNS.

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



WEATHER CHARTS for 8 a.m. on Monday 13<sup>th</sup> SEPT. 1880.



REMARKS. The weather over the United Kingdom remains in a very unsettled condition. Pressure is highest (about 30.25 in.) over the Gulf of Bothnia, but there is apparently a second area of high pressure over the Bay of Biscay, while there is a depression lying to the N<sup>W</sup> of Stonoway and a second disturbance off our N.E. coast. Thus, while brisk W. to N.W. winds prevail over Ireland and England, S.E. breezes prevail in the Shetlands and on the E<sup>l</sup> shores of the North Sea, and easterlies in Scotland. Temperature has fallen generally and varies from 52° to 56° over the greater part of the Kingdom, and from 57° to 60° on the shores of the English Channel. Maxima of 67° to 70° were recorded at our inland stations yesterday, but on the coast the highest readings varied from 57° (in the E. of Scotland) to 65°. A large amount of rain has again fallen over the United Kingdom, the heaviest falls reported being 1.35 in. at Lersey, 1.33 in. at Nottingham, 1.12 in. at Stonoway, and 1.07 in. at Boxford. In many other places the fall exceeded half an inch. The sky is now moderately clear in the W. cloudy elsewhere, and very rainy in Scotland. The sea is rough in the S.W. moderate <sup>500 fms</sup> off light elsewhere.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

14<sup>TH</sup> SEPT<sup>R</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 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	30.28	50	S	2	b	30.28	+ .01	51	?	0	S	2	c	*	55	45	—	
Hernösand	30.18	55	S	14	b	30.20	— .06	58	56	+ 1	E	4	c	*	64	50	—	
Stockholm	30.14	58	SSE	6	o	30.07	— .14	62	52	+ 2	SE	8	c	*	64	54	—	
Wisby	30.08	56	SE	4	b	30.01	— .12	59	53	+ 1	SE	4	b	*	64	43	—	
Bodö																		
Christiansund	29.70	61	SE	3	o	29.64	— .15	62	53	+ 4	SE	6	o	2	63	52	—	
† Skudesnaes	29.60	59	SE	4	o	29.69	— .04	56	52	— 3	WSW	4	c	4	59	?	—	
Oxö (Xiänsund)	29.69	60	ESE	8	r	29.69	— .11	58	56	— 3	WSW	2	c	3	?	55	1.82	
Skagen (The Skaw)																		
Fanö	29.66	62	SW	2	o	29.78	+ .06	62	57	+ 4	W	2	b	*	63	55	0.47	
Cuxhaven	29.71	62	S	1	o	29.76	— .01	59	59	0	SSW	1	b	*	63	54	0.18	
† Sumburgh Head	29.45	53	SE	4	r	29.55	+ .08	54	52	— 2	SW	3	b	4	58	48	0.58	
† Stornoway	29.42	55	WSW	4	b	29.55	+ .14	50	49	— 2	L	0	c	0	60	45	—	
Wick	29.48	54	SW	1	c	29.62	+ .16	52	51	— 3	SW	1	c	1	55	43	0.39	
Nairn	29.50	52	L	0	b	29.61	+ .15	47	45	— 5	L	0	b	1	62	47	—	
† Aberdeen	29.51	57	WSW	1	c	29.65	+ .17	47	45	— 7	L	0	b	1	58	41	0.29	
Leith	29.57	58	W	2	b	29.60	+ .10	52	50	— 2	E	1	c	*	64	44	—	
† Shields	29.59	58	W	3	b	29.63	+ .15	53	52	— 1	SSE	1	og	2	61	47	0.02	
Spurn Head	29.67	59	WSW	4	b	29.68	+ .17	57	53	+ 2	SSE	5	c	5	62	52	0.05	
York	29.68	57	W	4	b	29.66	+ .14	52	51	— 3	S	3	o	*	66	45	0.01	
Nottingham	29.75	55	NW	3	b	29.63	+ .08	54	52	— 2	SSE	3	o	*	63	44	0.02	
† Ardrossan	29.59	58	WSW	3	b	29.54	+ .03	51	50	— 4	ENE	2	of	2	62	48	0.06	
† Mullaghmore	29.61	54	SSW	4	rg	29.32	— .28	53	53	+ 2	E	8	rg	6	60	49	0.29	
Donaghadee	29.65	55	WSW	2	b	29.48	— .11	55	53	+ 2	ESE	4	r	2	65	48	0.11	
Parsonstown	29.66	57	SSE	1	o	29.15	— .55	55	54	+ 4	ESE	5	r	*	61	50	0.24	
Barrow-in-Furness	29.67	58	WSW	5	c	29.56	+ .03	54	52	— 1	SE	8	r	6	63	52	0.02	
† Holyhead	29.71	58	SW	3	b	29.38	— .26	55	53	0	ESE	4	r	3	63	54	0.12	
Liverpool (Bidston)	29.71	57	WSW	3	cgw	29.49	— .10	51	50	— 4	E	5	r	3	60	49	0.06	
† Valentia	29.63	57	SSE	6	o	28.95	— .81	58	56	+ 4	NNE	5	og	5	62	55	1.12	
Roche's Point																		
Pembroke	29.76	59	WSW	4	o	? 29.35	— .35	59	57	+ 3	S	7	m	7	66	54	0.51	
† Scilly	29.83	60	SW	4	o	29.29	— .51	60	58	+ 1	SW	9	og	7	65	55	0.57	
Prawle Point	29.57	58	WSW	4	b	29.48	— .27	56	56	0	SSW	7	c	7	63	53	0.31	
Hurst Castle	29.81	60	N	2	b	29.59	— .09	60	58	+ 2	SW	7	cg	6	64	55	0.12	
† Dover	29.78	56	W	4	b	29.75	+ .13	59	56	+ 2	SW	5	b	4	65	53	0.04	
† London	29.78	58	W	2	b	29.68	+ .04	57	52	0	SSE	3	ow	*	65	49	0.03	
Oxford	29.83	44	SW	1	b	29.61	— .04	55	54	0	SE	5	rg	*	64	50	0.05	
Cambridge	29.76	58	W	1	c	29.69	+ .10	53	52	— 3	SSE	1	r	*	65	44	0.01	
† Yarmouth	29.73	60	WSW	3	b	29.77	+ .20	57	53	0	SSW	2	b	2	64	49	0.02	
The Helder	29.75	61	W	3	c	29.83		55	53		S	1	c	1	66	52	0.43	
Cape Gris Nez	29.80	58	W	3	b	29.82	+ .19	54	54	— 4	S	4	c	2	66	52	0.08	
† Jersey	29.92	59	W	4	b	29.65	— .14	59	57	— 1	S	7	c	5	62	50	0.03	
Brest	29.94	61	W	4	o	29.58	— .27	60	59	+ 2	SW	9	c	7	64	55	0.12	
Lorient	29.92	62	WSW	3	b	29.69	— .12	62	57	+ 2	SW	8	o	6	66	57	—	
† Rochefort	29.99	66	NNW	5	b	29.90	+ .01	62	60	— 3	S	5	b	2	70	57	—	
Biarritz	30.01	69	NN	3	b	29.91	— .04	64	59	+ 3	W	4	b	3	72	55	—	
Corunna																		
Brussels						29.89	+ .22	54	51	— 6	SSW	1	o	*	66	57	0.04	
Charleville						29.96	+ .21	45	41	— 11	ESE	1	b	*	64	41	0.24	
Paris	29.84	57	SE	1	b	29.96	+ .21	45	41	— 11	ESE	1	b	*	64	41	0.24	
Lyons	29.89	63	W	3	b	29.88	+ .10	58	54	— 2	? SW	5	b	*			0.12	
† Toulon	29.97	65	NNW	1	r	30.03		51	51		E	1	f	*	75	47	—	
	29.95	67	W	5	b	29.99	+ .10	63	57	— 1	W	4	b	3	72	63	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.44	50	WSW	4	c	28.39	+ .07	48	47	— 3	ESE	2	o	*	59	45	0.05	

## HIGH LEVEL STATION

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

Hawes Junction	29.44	50	WSW	4	cp	28.39	+ .07	48	47	— 3	ESE	2	o	*	57	45	0.05
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	W.	Sea.		
Skudesnaes	30.00	59	57	E	5	ff	3	Valentia	29.76	61	55	SW	3	b	4
Sumburgh Head	29.49	57	56	SE	6	o	6	Scilly	29.88	63	60	W	4	b	4
Stornoway	29.41	58	52	SW	4	b	3	Dover	29.68	64	58	WSW	4	b	3
Aberdeen	29.49	55	54	NN	2	r	3	London	29.69	63	57	W	2	c	*
Shields	29.53	58	54	NN	2	r	3	Yarmouth	29.63	63	58	W	4	b	3
Ardrossan	29.56	60	55	NNW	3	b	3	Jersey	29.87	61	56	NNW	5	b	4
Mullaghmore	29.63	57	53	W	6	b	5	Rochefort	29.96	71	62	NN	5	b	2
Holyhead	29.71	59	54	W	3	b	3								

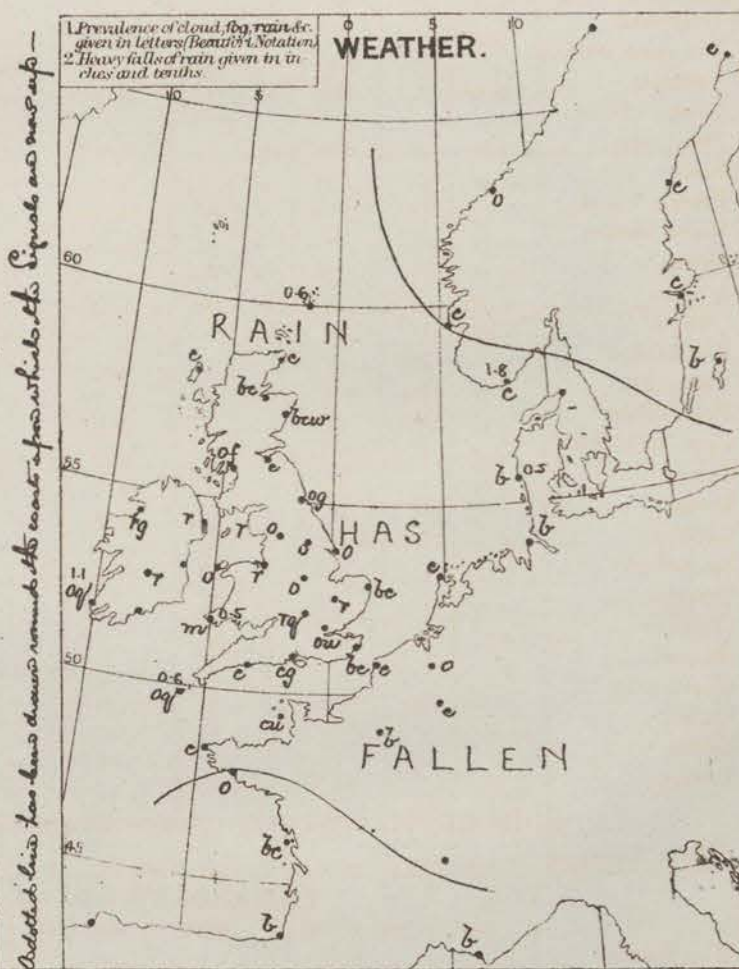
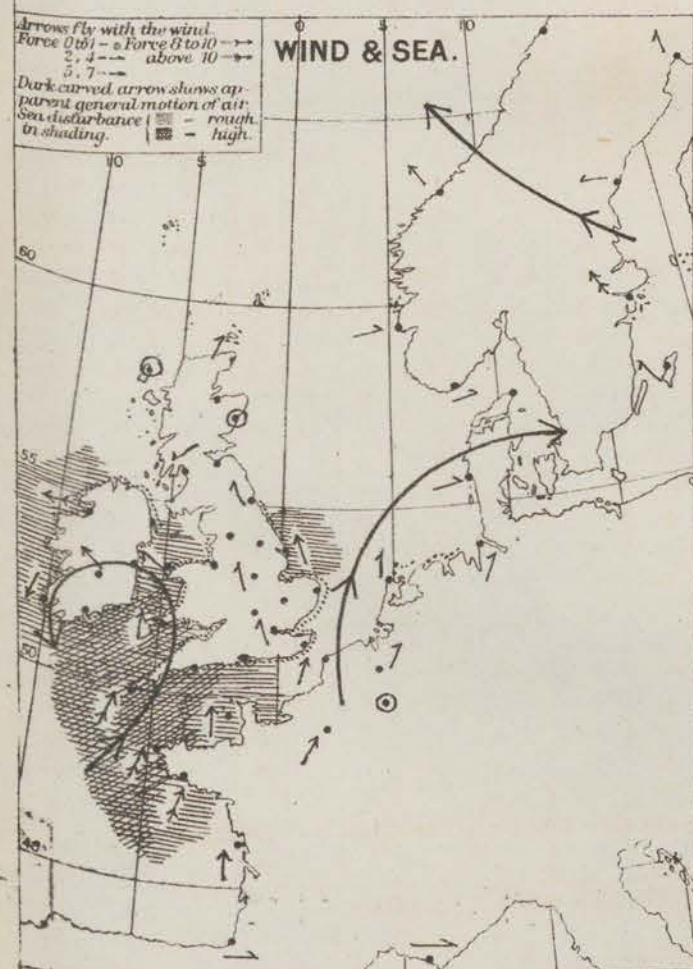
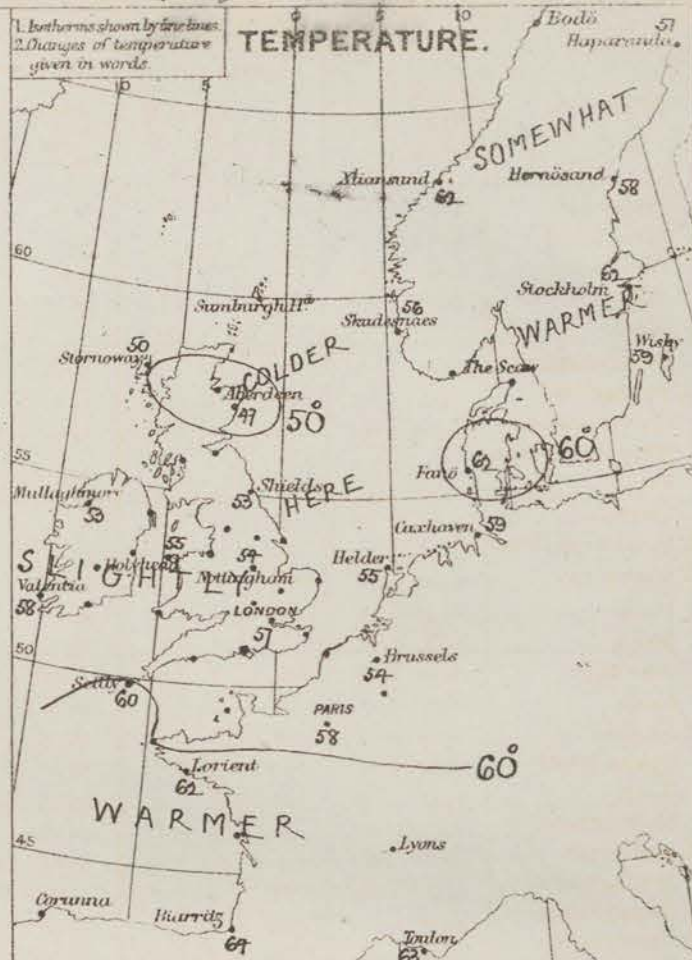
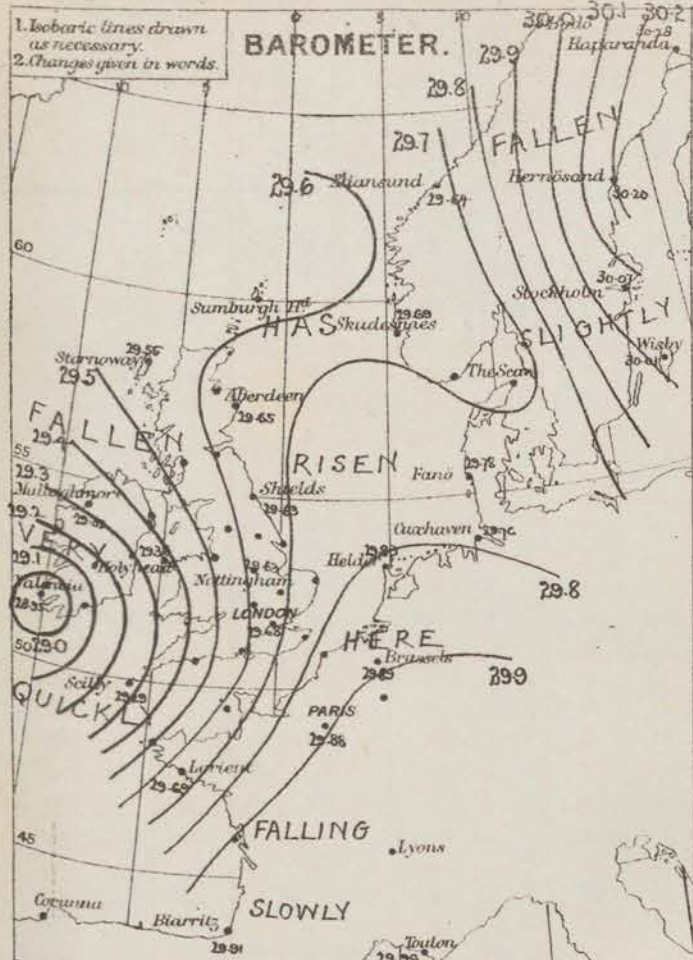
The weather is rainy in the NE., but moderately fine and bright elsewhere. The wind varies between SW and NW and pressure is unsteady in the W.

## EXPLANATION OF COLUMNS

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; 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 14<sup>th</sup> SEPT<sup>r</sup> 1880.



Dotted line has been drawn round the coat upon which the signals are marked -

REMARKS. The increase of pressure, noticed in the W. yesterday did not last long. A brisk decrease occurred in the evening, and this morning a small but deep depression is shown near Valentia, where the barometer has fallen 0.8 in. since yesterday morning. In the N. of Scotland as well as over the Gulf of Bothnia and the Gulf of Lyons the mercury is rising a little, and areas of high pressure are still shown over France and in the N. of Europe. The wind blows from the S. over France, the Channel, and the S. of England, and from SE. and E. on our NW. coasts, while in the N. and NE. it is light and variable. Gale: is reported from the NW. of France and the SW. of England. The weather is fine over the greater part of France and N. Germany, as well as in the E. of Scotland, but elsewhere the sky is overcast, with rain and squalls in several places. Heavy rain has fallen in the SW. Temperature has fallen briskly in the NE. risen a little elsewhere; it is rather low generally, ranging from 47° at Aberdeen to 60° at Dublin. The sea is high in the SW. moderate to smooth elsewhere. Windings. The South Wind is now flying over all our W. S. and E. coasts.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

15<sup>th</sup> SEPT<sup>r</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 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	30.21	43	SE	2	b	30.14	— 14	43	40	— 8	NE	2	b	*	57	37	—		
Hernösand	30.16	47	Z	0	b	30.08	— 12	47	46	— 11	NE	2	o	*	66	43	—		
Stockholm	29.99	51	N	2	b	29.91	— 16	51	51	— 11	NNH	2	o	*	66	50	—		
Wisby	29.95	51	E	2	b	29.87	— 14	56	53	— 3	ENE	2	c	*	66	45	—		
Bodö																			
Christiansund	29.85	57	NE	3	o	29.80	+ 16	55	53	— 7	SSW	1	c	2	62	45	—		
† Skudesnaes	29.77	54	Z	0	bc	29.72	+ 03	55	53	— 1	FNE	4	r	3	63	54	—		
Oxö (Xudavund)	29.80	57	SW	4	b	29.74	+ 05	57	55	— 1	ENE	6	r	3	64	54	—		
Skagerak (Skaw)	29.84	57	SSE	6	r	29.77	+ 03	57	56	— 2	SE	6	c	6	62	52	0.04		
Fanö	29.76	57	E	2	b	29.68	— 20	58	56	— 4	ESE	4	c	*	64	54	—		
† Cuxhaven	29.87	63	SE	2	b	29.61	— 15	55	54	— 4	SSE	3	bc	*	63	52	0.07		
† Sumburgh Head	29.71	52	S	1	c	29.78	+ 23	53	51	— 1	NE	3	o	3	58	48	—		
† Stornoway	29.64	54	N	2	c	29.79	+ 24	52	50	+ 2	NNE	6	b	5	58	48	—		
Wick	29.70	54	S	2	o	29.76	+ 14	54	52	+ 2	E	1	o	1	59	51	—		
Nairn	29.67	54	E	1	o	29.71	+ 10	54	52	+ 7	ENE	5	o	2	56	47	0.03		
† Aberdeen	29.64	56	ESE	1	o	29.60	— 05	55	53	+ 8	N	8	sg	5	61	47	0.25		
Leith	29.55	55	E	1	r	29.53	— 07	53	52	+ 1	N	7	r	*	57	51	0.72		
† Shields	29.44	54	SE	7	o	29.31	— 32	56	55	+ 3	NE	2	o	3	56	49	0.94		
Spurn Head	29.34	57	ESE	7	r	29.19	— 49	61	58	+ 4	ENE	3	sc	4	65	52	1.25		
York	29.39	56	SSE	5	o	29.25	— 41	53	52	+ 1	N	1	c	*	57	46	0.41		
Nottingham	29.34	55	SE	3	o	29.26	— 37	55	54	+ 1	SW	2	c	*	61	51	0.65		
† Ardrossan	29.50	52	E	4	sg	29.56	+ 02	54	50	+ 3	NNE	4	og	3	57	50	0.16		
† Mullaghmore	29.53	58	NNE	8	o	29.76	+ 44	56	52	+ 3	N	8	og	6	58	53	0.09		
Donaghadee	29.44	54	E	8	o	29.57	+ 09	55	53	0	E	8	o	6	56	51	0.73		
Parsonstown	29.43	58	N	10	o	29.76	+ 61	53	50	— 2	NNE	8	o	*	59	50	0.58		
Barrow-in-Furness	29.31	55	NE	4	o	29.33	— 23	53	51	— 1	NNE	4	r	4	59	51	0.37		
† Holyhead	29.26	56	E	4	r	29.44	+ 06	55	53	0	NNH	9	m	7	60	53	0.49		
Liverpool (Bistol)	29.27	53	E	3	r	29.33	— 16	53	51	+ 2	NNH	4	r	3	59	51	0.14		
† Valentia	29.53	57	N	7	o	29.90	+ 95	56	52	— 2	N	6	c	6	60	53	0.64		
Roche's Point																			
Pembroke	29.12	58	E	2	o	29.48	+ 13	53	52	— 4	NNH	7	o	7	59	53	0.49		
† Scilly	29.08	61	NNH	8	o	29.67	+ 38	58	53	— 2	NNH	9	o	7	63	55	0.37		
Prawle Point	29.17	57	SSW	7	o	29.49	+ 01	54	53	— 2	NNH	6	c	6	62	52	0.07		
Hurst Castle	29.29	58	SW	8	r	29.34	— 25	57	55	— 3	NNH	6	bc	5	63	55	1.08		
† Dover	29.42	60	SW	6	bc	29.20	— 55	58	57	— 1	NNH	4	c	5	62	58	0.65		
† London	29.39	56	S	4	c	29.25	— 43	54	52	— 3	NNH	3	og	*	65	54	0.89		
Oxford	29.26	55	SE	5	r	29.30	— 31	53	52	— 2	NNH	3	ow	*	62	52	0.59		
Cambridge	29.40	56	S	1	o	29.20	— 49	54	54	+ 1	NNH	1	r	*	59	50	0.62		
† Yarmouth	29.64	61	SE	7	c	29.17	— 60	58	57	+ 1	SE	5	or	4	61	48	3.11		
The Helder																			
Cape Gris Nez	29.46	59	SW	6	c	29.24	— 58	59	58	+ 5	NNH	8	o	6	61	52	1.22		
† Jersey	29.37	61	SW	9	o	29.34	— 11	57	54	— 2	NNH	9	om	7	64	55	0.62		
Brest	29.38	60	N	9	o	29.71	+ 13	58	53	— 2	N	7	c	7	63	54	0.20		
Lorient	29.52	61	NNH	9	o	29.68	— 01	60	53	— 2	NNH	9	c	7	64	54	0.32		
† Rochefort	29.79	68	N	9	c	29.76	— 14	60	59	— 2	N	11	r	7	72	57	0.24		
Biarritz	29.93	71	NNH	4	o	29.93	+ 02	61	58	— 3	NNH	8	r	7	72	57	0.12		
Corunna	*	*	*	*	*				*					*	*	*	*		
Brussels	*	*	*	*	*	29.35	— 54	57	56	+ 3	S	8	r	*	67	54	0.28		
Charleville	?	64	SSE	7	o	29.51	— 45	?	52	?	SW	8	?	*	?	?	0.12		
Paris	29.63	62	S	5	o	29.49	— 39	59	57	+ 1	SW	6	r	*	*	*	0.12		
Lyons	29.86	68	S	3	c	29.83	— 20	60	59	+ 9	S	7	o	*	74	58	0.51		
Toulon	29.98	66	N	3	b	29.83	— 16	68	68	+ 5	SW	5	m	4	73	64	—		

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

Hawes Junction	28.16	52	ENE	2	r	28.08	— 31	49	48	+ 1	N	5	rw	53	47	0.72			
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.76	63	55	SSE	2	bc	3	Valentia ...	29.15	57	57	N	7	rg	6
Sumburgh Head	29.65	56	53	SSW	3	bc	4	Scilly ...	29.14	60	60	WSW	8	og	7
Stornoway ...	29.59	57	52	2	o	c	0	Dover ...	29.64	60	56	S	5	ougr	4
Aberdeen ...	29.65	58	55	SSE	1	c	1	London ...	29.57	58	57	SE	5	rg	*
Shields ...	29.56	56	55	SE	4	rg	3	Yarmouth ...	29.64	61	57	SE	4	cu	4
Ardrossan ...	29.52	57	52	ESE	4	of	3	Jersey ...	29.53	62	58	SSW	8	cg	6
Mullaghmore ...	29.40	55	54	ENE	7	rg	6	Rochefort ...	29.84	70	60	N	9	c	?
Holyhead ...	29.28	60	57	SSE	4	o	3								

The barometer is rising briskly at Valentia, but still falls elsewhere, and the depression seems to be travelling E.W. The winds circulate round the disturbance, and will blow a gale in the SW.

## EXPLANATION OF COLUMNS.

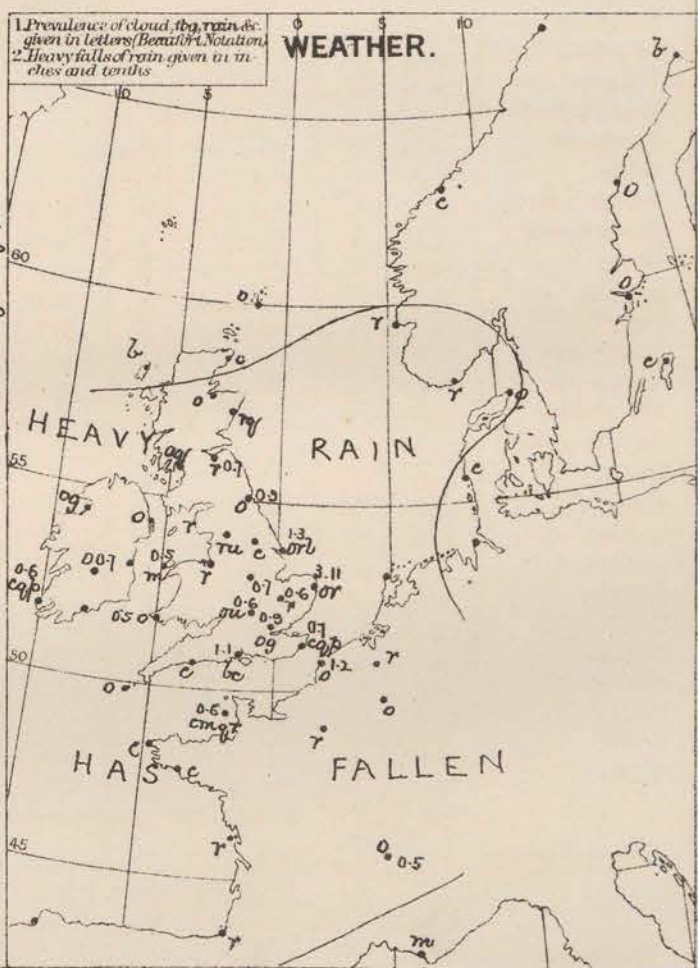
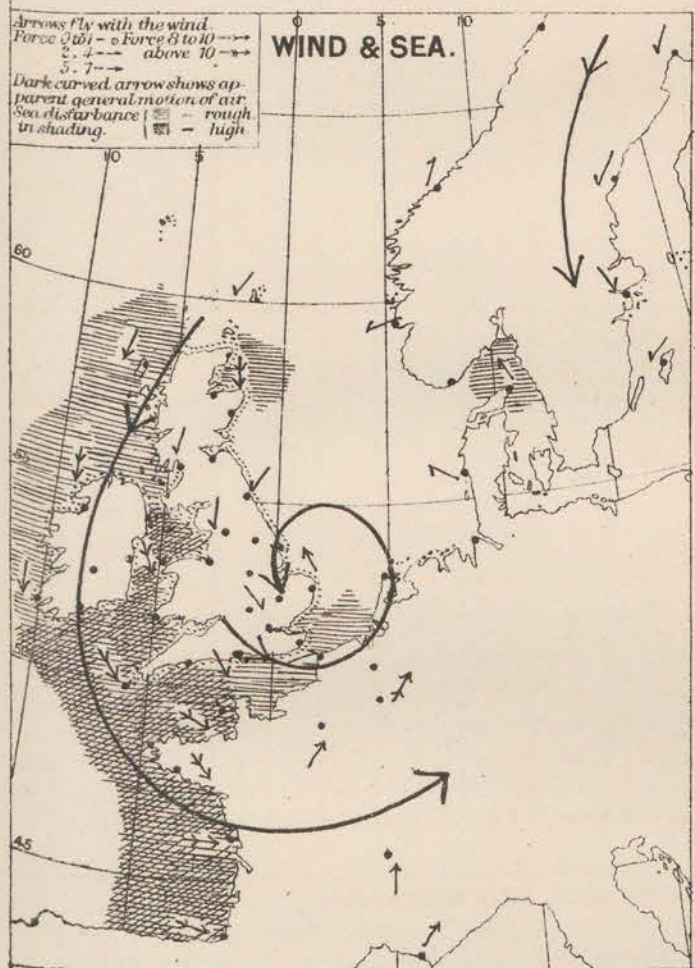
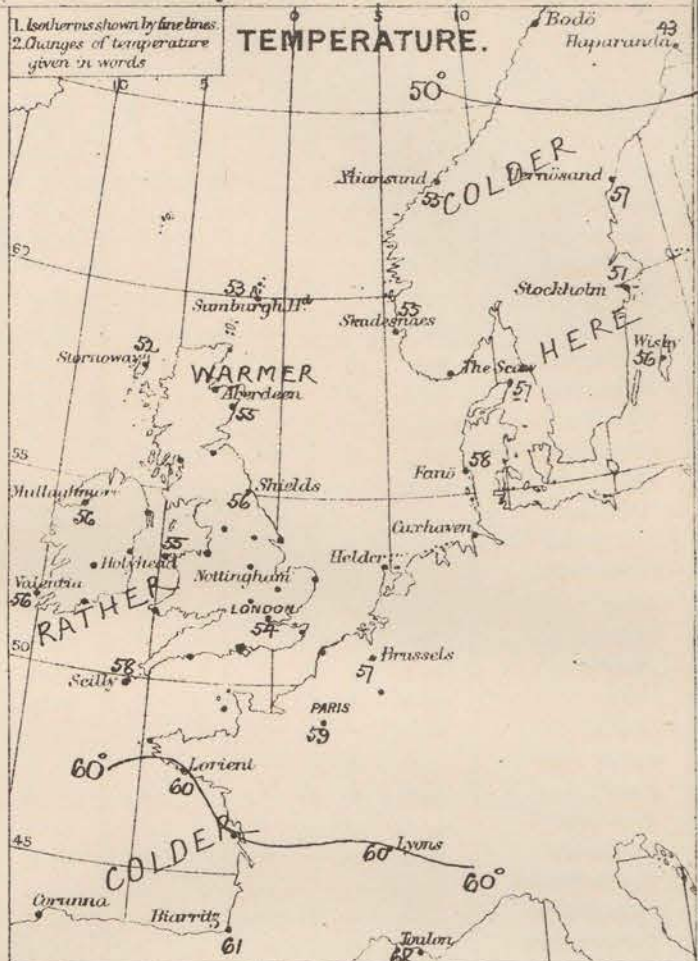
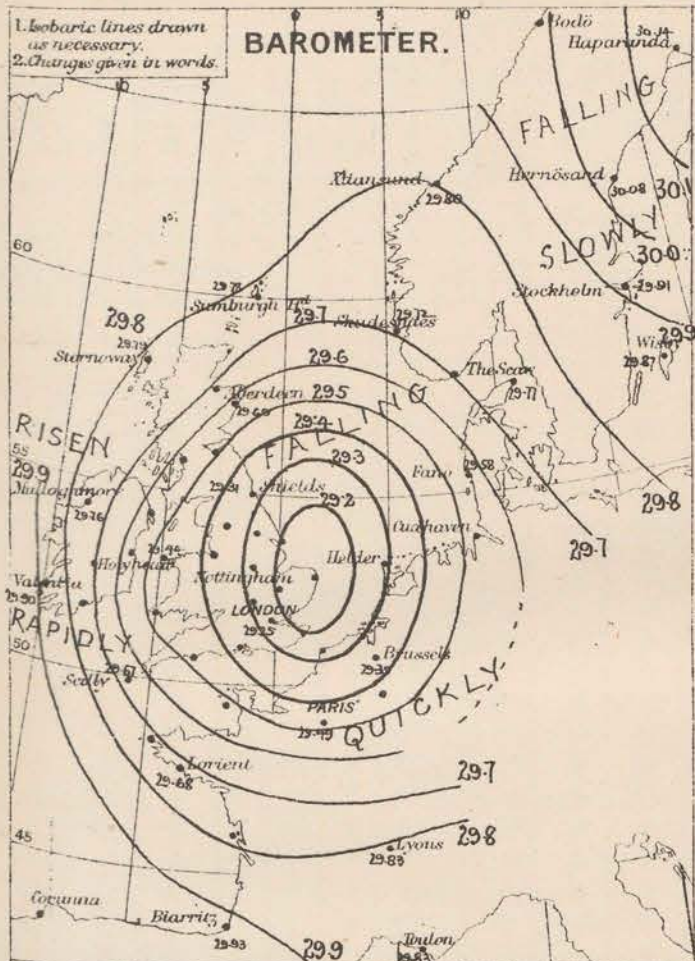
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK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

Received too late for insertion in Chart.



## WEATHER CHARTS

for 8 a.m. on Wednesday 15<sup>TH</sup> SEPT<sup>R</sup> 1880.



at dotted line has been drawn where the bones are now flying.

**REMARKS** The deep depression which yesterday lay over the S. of Ireland travelled during the day in a SE<sup>d</sup> direction to Cornwall, but during the past night it changed its course and moving ENE<sup>th</sup> is now shown in the neighbourhood of Yarmouth. Pressure has increased very rapidly on our W<sup>co</sup> coasts, the change at Valentia amounting to nearly an inch, and briskly in Scotland, but over England, the E<sup>co</sup> shores of the North Sea and France the mercury has fallen. The wind shows a very distinct circulation round the centre of disturbance, blowing from N over Scotland, Ireland and the NW. of England, from NW in the W. and SW of England, from W. and SW over the N. of France and the Netherlands, and from S. and SE over the North Sea. At Aberdeen, over Ireland, the W. and SW. of England and France the wind blows a gale, while on our E<sup>co</sup> coasts it is fresh or strong. The weather shows no sign of improvement, the sky is overcast and heavy showers of rain are falling very generally. The heaviest amounts of rain measured this morning, are - 3.11 ins. at Yarmouth, 1.25 ins. at Ipswich, 1.08 ins. at Lowestoft, 0.9 in. at Shields and in London, and about 0.5 in. in several places. Temperature has changed rather irregularly, but is inclined to fall in the W. Readings range from 52° in the Hebrides to 62° in the Channel Islands. The sea is slight in the NE, high or rough elsewhere. Barometer The signals are flying on all coasts.

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

R. H. SCOTT.  
Secretary.

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116, Victoria Street, Westminster, S.W.

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

16<sup>th</sup> SEPT<sup>r</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.	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	29.01	47	S	2	o	29.92	— 22	49	47	+ 6	Z	o	c	*	57	?	—		
Hernösand	29.92	51	Z	o	f	29.99	— 09	48	48	+ 1	Z	o	f	*	54	39	0.04		
Stockholm	29.89	54	Z	o	o	29.93	+ 02	54	52	+ 3	E	2	b	*	63	46	0.04		
Wibby	29.86	51	ENE	2	b	29.89	+ 02	52	51	— 2	E	4	b	*	62	48	0.04		
Bodö	29.88	51	NE	2	b	29.78	— 10	48	45	— 3	SE	2	c	1	61	45	—		
Christiansund	29.82	50	NNE	1	b	29.82	+ 02	55	54	o	E	1	c	3	61	48	—		
† Skudesnaes	29.78	58	E	4	r	29.81	+ 09	55	50	o	NE	3	b	3	61	55	—		
Oxö (Xiensund)	29.74	58	NNE	6	o	29.78	+ 04	57	54	o	NE	4	c	3	59	52	0.04		
Skagen (The Skaw)	29.77	60	ESE	4	b	29.80	+ 03	58	55	+ 1	ESE	5	b	3	63	54	—		
Fanö	29.72	58	E	4	c	29.63	+ 05	58	58	o	E	4	r	*	61	55	0.47		
Cuxhaven	29.55	62	S	1	r	29.60	— 01	55	55	o	WSTN	1	b	*	64	52	0.22		
† Sumburgh Head	29.85	53	NE	4	b	29.89	+ 11	53	50	o	NE	3	o	3	58	49	—		
† Stornoway	29.90	53	NNE	4	b	29.98	+ 14	50	49	— 2	Z	o	b	o	57	45	—		
Wick	29.87	54	ENE	3	o	29.94	+ 18	53	52	— 1	NE	1	b	4	56	45	—		
Nairn	29.83	55	ENE	6	o	29.93	+ 22	53	51	— 1	NW	2	o	2	59	52	0.92		
† Aberdeen	29.72	55	N	7	r	29.87	+ 27	50	55	+ 1	N	4	c	6	56	52	0.50		
Leith	29.66	56	N	6	r	29.73	+ 20	57	55	+ 4	NE	2	o	*	57	51	0.39		
† Shields	29.46	58	NE	5	o	29.69	+ 38	57	57	+ 1	NE	7	r	6	59	54	0.11		
Spurn Head	29.28	59	NNE	6	c	29.66	+ 37	60	58	— 1	NE	4	b	6	62	50	0.35		
York	29.37	59	N	3	o	29.61	+ 36	58	58	+ 5	N	2	r	*	61	51	0.50		
Nottingham	29.33	56	N	3	o	29.60	+ 34	59	56	+ 4	N	4	b	*	60	53	0.58		
† Ardrossan	29.69	54	NNE	3	r	29.86	+ 30	56	53	+ 2	NNW	3	c	2	59	51	0.56		
† Mullaghmore	29.88	57	N	8	c	30.00	+ 24	56	50	o	NNE	5	b	4	60	54	0.06		
Donaghadee	29.68	55	NNE	8	r	29.87	+ 30	56	53	+ 1	NNE	6	c	4	56	53	0.17		
Parsonstown	29.83	56	NNW	10	o	29.98	+ 23	52	49	— 1	NNW	4	b	*	61	46	—		
Barrow-in-Furness	29.46	58	N	3	c	29.70	+ 37	59	55	+ 6	NNE	3	c	4	60	51	0.17		
† Holyhead	29.38	56	NNW	7	r	29.75	+ 31	57	55	+ 2	N	7	c	6	57	51	0.29		
Liverpool (Bulston)	29.42	58	NNW	4	o	29.65	+ 32	59	56	+ 6	NNW	4	c	3	59	53	0.13		
† Valentia	29.98	57	NNW	6	cgp	30.07	+ 17	54	51	— 2	NNW	5	og	5	61	52	0.16		
Roche's Point	29.97	54	NNW	8	o	29.70	+ 22	57	54	+ 2	NNW	7	o	6	58	53	0.23		
Pembroke	29.57	57	NNW	9	c	29.77	+ 10	57	55	— 1	NNW	9	o	7	59	55	0.02		
† Scilly	29.58	53	NNW	6	c	29.58	+ 09	57	55	+ 3	NNW	6	cgp	5	62	52	0.07		
Prawle Point	29.87	56	NNW	5	c	29.62	+ 08	56	55	— 1	N	6	c	5	62	55	0.43		
Hurst Castle	29.34	58	N	4	o	29.41	+ 21	57	55	— 1	SE	4	c	4	62	56	0.08		
† Dover	29.33	56	N	2	c	29.45	+ 20	56	55	+ 2	NE	2	o	*	62	51	0.54		
London	29.35	55	N	4	r	29.51	+ 21	56	53	+ 3	N	3	b	*	58	52	0.29		
Oxford	29.30	55	SW	1	r	29.51	+ 31	55	55	+ 1	NE	1	c	*	63	49	0.17		
Cambridge	29.26	56	SW	2	o	29.52	+ 35	59	56	+ 1	ESE	3	b	2	61	46	0.40		
† Yarmouth	29.39	57	S	2	r	29.57	— 02	55	53	— 2	SSE	1	c	1	61	52	0.39		
The Helder	29.38	57	SW	5	c	29.42	+ 18	55	54	— 4	SE	4	o	2	63	52	0.28		
Cape Gris Nez	29.59	54	NNW	8	cgp	29.52	— 02	57	55	+ 2	NNW	7	og	7	59	54	0.59		
† Jersey	29.78	58	NNW	5	b	29.73	+ 02	55	53	— 3	NNW	8	og	6	63	54	0.08		
Brest	29.76	57	NNW	8	c	29.68	— 02	56	54	— 4	NNW	8	o	7	61	54	—		
Lorient	29.83	63	NNW	11	c	29.76	— 02	59	56	— 1	NNW	11	r	8	68	54	0.04		
† Rochefort	30.00	63	N	8	r	29.93	— 07	56	52	— 5	WSTN	9	r	7	72	52	0.08		
Biarritz	*	*	*	*	*	30.14	+ 04	62	*	— 1	NNW	2	c	5	*	*	*		
Corunna	*	*	*	*	*	29.54	+ 19	58	52	— 2	SE	2	o	*	64	53	0.04		
Brussels	29.53	60	SW	5	b	29.63	+ 12	58	50	?	SW	7	o	*	63	51	0.16		
Charleville	29.57	61	SW	4	b	29.49	— 02	55	52	— 4	S	4	r	*	*	*	0.28		
Paris	29.74	62	N	1	o	29.81	— 02	55	50	— 5	S	1	b	*	75	50	0.04		
Lyons	29.80	62	NW	5	b	29.87	+ 04	55	52	— 13	NNW	5	b	4	70	54	0.12		
Toulon	*	*	*	*	*	30.14	+ 04	62	*	— 1	NNW	2	c	5	*	*	*		

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

Hawes Junction	28.16	52	NNE	5	r	29.43	54	53	+ 5	NNE	8	c	55	48	0.37
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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	29.73	61	ENE	6	o	Valentia	29.93	60	SW	6	cgp
Sumburgh Head	29.81	57	NE	4	c	Scilly	29.72	58	NNW	9	o
Stornoway	29.88	57	NNE	6	o	Dover	29.28	61	N	5	b
Aberdeen	29.64	55	N	8	o	London	29.30	61	N	3	c
Shields	29.26	59	NE	3	o	Yarmouth	29.19	64	NNW	2	c
Ardrossan	29.62	53	NNE	4	r	Jersey	29.58	58	NNW	8	og
Mullaghmore	29.82	58	N	6	c	Rochefort	29.82	63	NNW	11	c
Holyhead	29.47	55	NNW	9	r						

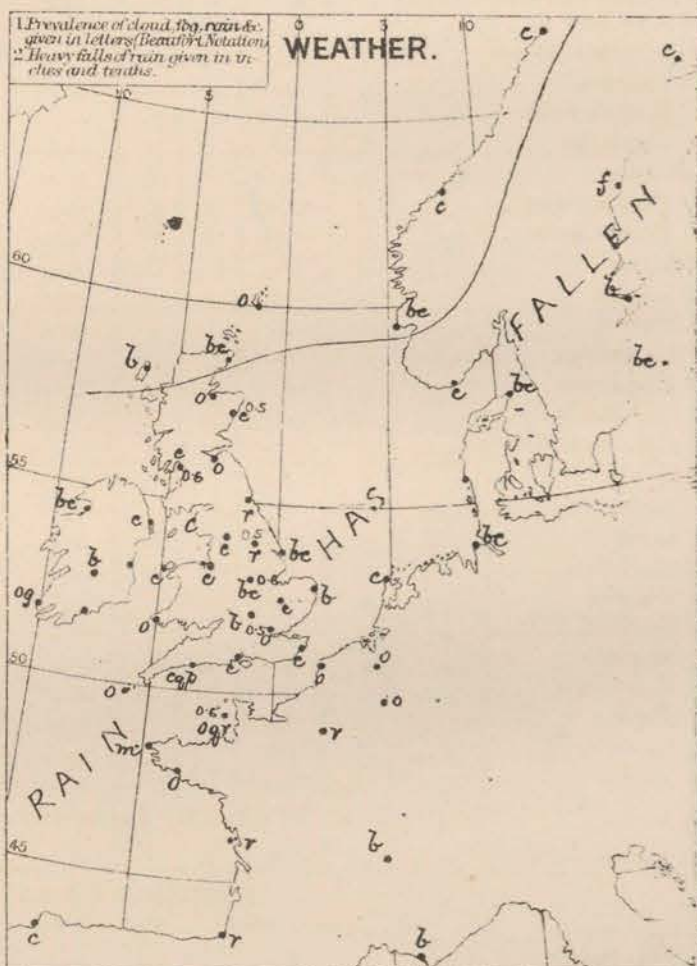
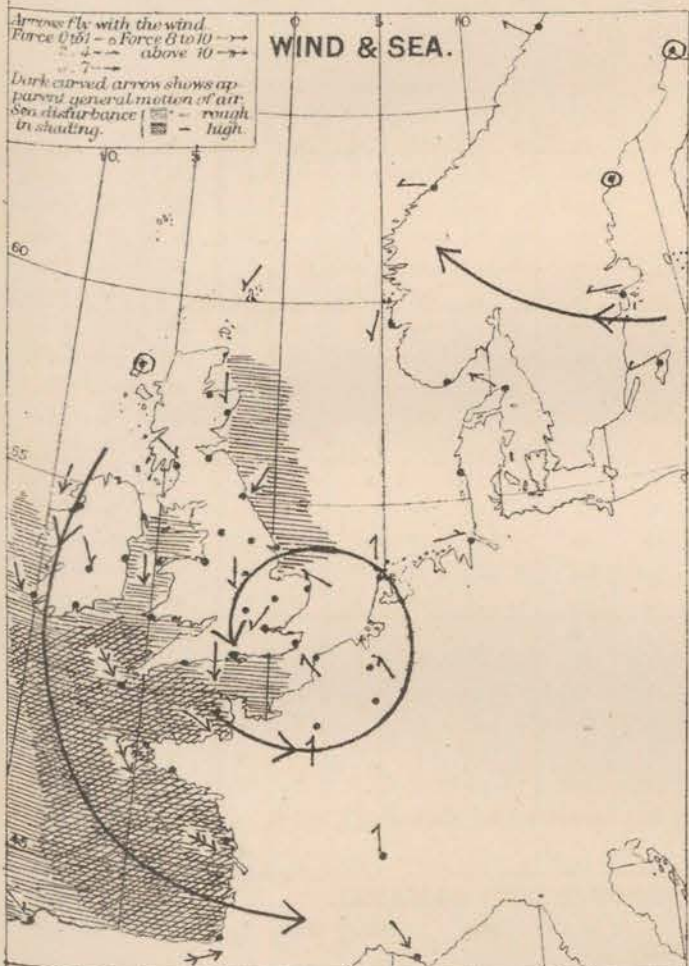
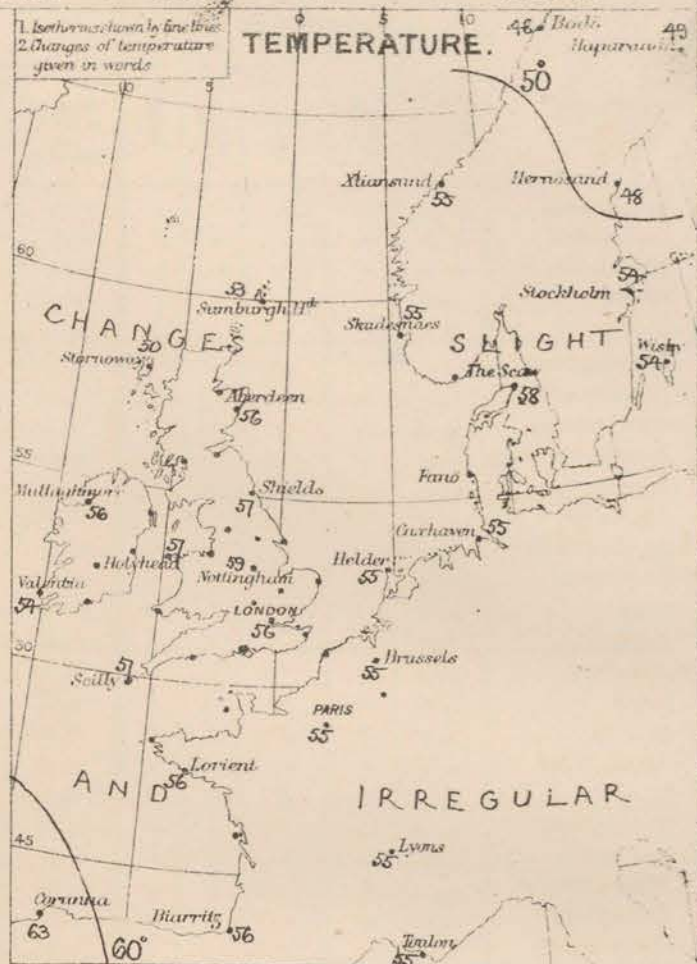
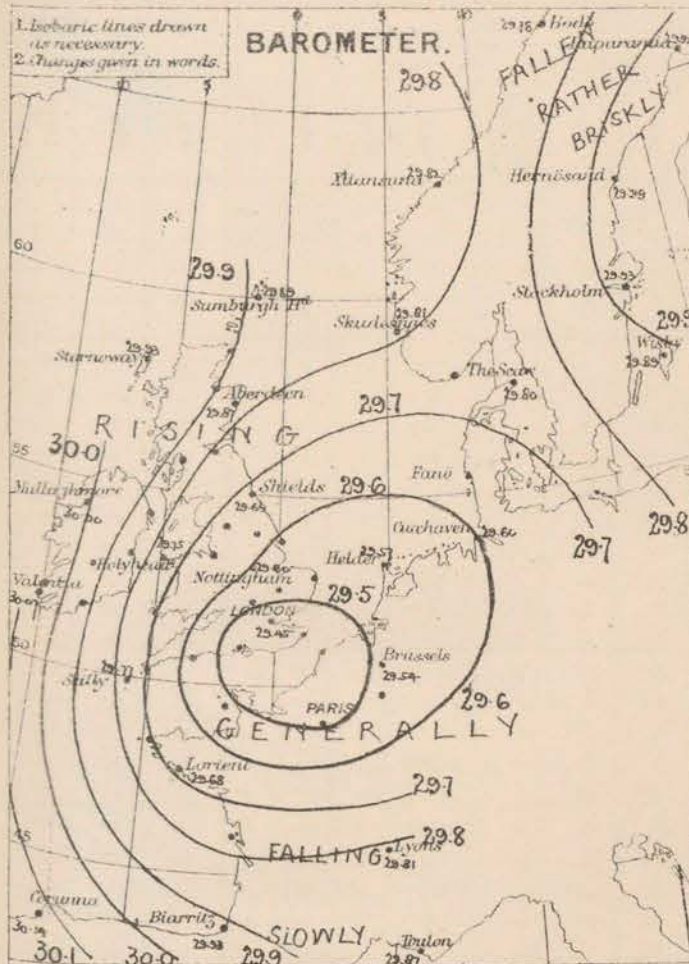
A slight increase of pressure has occurred in all parts of the Kingdom since the morning, but the wind is unchanged and the weather is dull, rainy, and squally. Gale still blow in the west and south-west.

## EXPLANATION OF COLUMNS.

WEATHER.—h. fair; b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (low); p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTORIA 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.  
 ‡ The 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 Thursday 16<sup>th</sup> SEPT. 1880.



**REMARKS.** The motion of the depression, recently noticed, continues very irregular. The center has somewhat filled up, and has moved slightly to the S. The barometer is falling over France, but is rising over these islands and on the E. shore of the North Sea. Gradients continue steep except on the N.W. side of the disturbance. In the S.E. of England the wind is moderate from the S.E. but on all our other coasts it varies between N.N.E. and N.N.W., while over France and the Channel it is W. to S.W. On the French coast, and at Sicily, it still blows as gale, while it is strong in force in nearly all parts of England and Ireland, but in Scotland it is light or moderate. A stiff N.E. gale prevailed in the E. last night. The weather is moderately fine in several parts of the Kingdom this morning, but the change appears to be only temporary, and our forecast still falls. Particles were seen at Nottingham yesterday. Rain has fallen except in the extreme N. of Scotland, the amount at several stations exceeding half an inch. Temperature has changed little and irregularly, and readings range between 55° and 60°. The sea is high in the S.W. and over the Bay of Biscay, rough in the W. and N.E.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT 17<sup>TH</sup> SEPT<sup>R</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 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	29.91	49	Z	0	o	29.02	+ 10	52	51	+ 3	S	2	o	*	52	46	—		
Hernösand	29.95	54	S	12	c	30.06	+ 07	54	52	+ 6	SSW	2	bc	*	63	43	—		
Stockholm	29.95	52	ESE	2	bc	29.80	— 13	55	54	+ 1	E	8	r	*	63	45	0.04		
Wisby	29.82	58	E	4	o	29.66	— 23	59	57	+ 5	SSE	6	c	*	63	45	0.12		
Bodo	29.79	50	E	2	c	29.93	+ 15	50	48	+ 2	E	2	bc	1	54	46	—		
Christiansund	29.86	43	E	1	b	29.80	— 02	53	49	— 2	ESE	3	b	3	55	43	0.08		
† Skudesnaes	29.83	58	ENE	2	o	29.76	— 05	57	53	+ 2	Z	0	o	2	64	57	—		
Oxö (Xiänsund)	29.82	58	N	4	b	29.74	— 04	55	51	— 2	N	4	bc	3	59	54	—		
Skagen (The Skaw)	29.80	59	ENE	5	bc	29.61	— 19	55	54	— 3	NE	7	r	5	64	50	0.04		
Fanö	29.67	56	ENE	4	r	29.56	— 27	54	52	— 4	NW	4	c	*	63	52	0.16		
Cuxhaven	29.65	61	NW	1	r	29.62	+ 02	57	56	+ 2	N	3	r	*	61	54	0.50		
† Sumburgh Head	29.86	52	N	1	c	29.68	— 21	51	50	— 2	SSW	4	o	3	56	46	—		
† Stornoway	29.84	55	WSW	3	c	29.62	— 31	53	52	+ 3	SSW	5	o	5	59	50	—		
Wick	29.84	53	E	1	bc	29.69	— 25	53	50	0	S	4	bc	3	58	43	—		
Nairn	29.85	53	Z	0	b	29.72	— 21	47	44	— 6	Z	0	bc	1	63	44	—		
† Aberdeen	29.89	57	N	2	bc	29.75	— 12	56	53	0	WSW	1	bcw	4	61	47	—		
Leith	29.88	58	E	1	b	29.79	+ 06	52	51	— 5	N	1	bcw	*	62	47	—		
† Shields	29.80	57	NNE	6	o	29.80	+ 11	52	50	— 5	NW	2	b	4	60	47	0.01		
Spurn Head	29.70	59	NE	4	bc	29.79	+ 23	56	54	— 4	NNW	4	o	4	63	55	—		
York	29.74	59	N	2	c	29.83	+ 29	53	52	— 5	NNW	2	b	*	63	51	0.15		
Nottingham	29.75	58	NNW	2	o	29.85	+ 25	60	57	+ 1	WSW	2	bc	*	67	53	0.35		
† Ardrossan	29.88	57	NW	2	bc	29.79	— 07	55	53	— 1	SW	3	o	2	62	46	—		
† Mullaghmore	29.99	56	NNW	4	c	29.82	— 18	55	53	— 1	SW	5	ogmp	4	60	52	0.06		
Dunaghadee	29.93	56	N	4	bc	29.86	— 01	51	50	— 5	N	2	bc	0	60	44	—		
Parsonstown	29.98	55	NNW	1	b	29.92	— 06	52	53	+ 4	SW	1	bc	*	62	44	0.01		
Barrow-in-Furness	29.81	60	NNE	3	bc	29.85	+ 15	52	53	— 4	N	3	a	3	68	57	—		
† Holyhead	29.86	59	N	6	c	29.88	+ 13	55	52	— 2	NNW	3	bc	2	61	54	—		
Liverpool (Bidston)	29.80	59	NNW	2	o	29.86	+ 21	55	52	— 4	N	3	o	1	60	55	—		
† Valentia	30.07	57	NW	4	og	29.96	— 11	58	57	+ 4	WSW	5	cp	5	61	53	0.07		
Roche's Point	30.01	57	NNW	4	bc	29.97	+ 17	57	54	— 1	NW	1	bc	3	61	53	—		
Pembroke	29.84	59	N	6	b	29.93	+ 23	56	53	— 1	NNW	2	c	2	61	54	—		
† Scilly	29.90	59	NNW	7	c	30.02	+ 25	58	56	+ 1	NW	2	o	3	59	55	—		
Prawle Point	29.77	59	NNW	4	b	29.96	+ 38	58	56	+ 1	NW	4	b	3	68	62	—		
Hurst Castle	29.67	60	NE	3	b	29.86	+ 44	58	56	+ 2	N	2	o	3	65	55	0.02		
† Dover	29.64	59	ENE	3	cg	29.79	+ 38	57	55	0	NNW	3	b	1	61	54	—		
† London	29.68	58	NNE	1	b	29.83	+ 38	57	56	+ 1	NW	1	r	*	65	48	0.02		
Oxford	29.75	58	N	3	r	29.86	+ 35	56	55	0	NW	2	o	*	63	56	0.03		
Cambridge	29.68	59	NE	1	b	29.82	+ 31	58	57	+ 3	NNW	1	a	*	67	52	—		
† Yarmouth	29.67	61	ENE	2	b	29.76	+ 24	59	58	0	NW	3	bc	2	63	53	—		
† The Helder	29.67	59	NNE	1	bc	29.67	+ 10	60	57	+ 5	Z	0	bc	1	63	54	0.04		
Cape Gris Nez	29.62	58	ENE	3	c	29.79	+ 37	57	56	+ 2	NNW	4	c	3	64	54	—		
† Jersey	29.72	59	NNE	5	b	29.94	+ 42	59	57	0	NW	4	omw	4	62	56	0.01		
Brest	29.86	58	N	7	o	30.06	+ 33	56	54	+ 1	N	5	o	3	?	54	0.04		
Lorient	29.78	57	NW	7	m	29.97	+ 29	57	54	+ 1	NW	5	bc	2	59	54	—		
† Rochefort	29.75	62	NW	11	r	29.95	+ 19	61	59	+ 2	NNW	7	r	4	66	52	1.30		
Biarritz	29.92	62	WSW	9	r	30.06	+ 13	63	57	+ 7	NW	8	o	6	65	55	0.63		
Corunna	*	*	*	*	*			*	*		*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.75	+ 21	52	51	— 3	S	1	c	*	60	48	—		
Charleville	29.68	57	SE	5	o	29.76	+ 13	52	?	— 1	NW	5	o	*	64	50	0.20		
Paris	29.52	54	NE	3	o	29.86	+ 37	57	55	+ 2	NNW	1	o	*	*	*	0.12		
Lyons														*	*	*			
Toulon	29.90	60	NW	5	b	29.96	+ 09	55	53	0	NNW	5	bc	5	64	55	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.59	54	NNE	4	o	28.61	+ 18	49	48	— 5	SSW	1	b	*	57	44	0.10		

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

Hawes Junction	28.59	54	NNE	4	o	28.61	+ 18	49	48	— 5	SSW	1	b	*	57	44	0.10		
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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 ...	29.84	64	55	2	0	c	2	Valentia ...	30.08	59	52	N	4	cg	5
Sumburgh Head	29.88	55	52	NNW	2	e	3	Scilly ...	29.84	58	55	NNW	9	o	7
Stornoway ...	29.89	57	53	SSE	2	bc	1	Dover ...	29.84	60	56	E	4	bc	4
Aberdeen ...	29.89	61	57	N	4	bc	6	London ...	29.89	62	52	E	2	a	*
Shields ...	29.76	60	59	NNE	6	o	6	Yarmouth ...	29.62	62	57	ENE	2	b	2
Ardrossan ...	29.89	62	57	NE	1	o	1	Jersey ...	29.60	61	57	N	6	c	6
Mullaghmore ...	30.01	57	52	NNW	5	bc	4	Rochefort ...	29.75	64	60	NW	9	c	8
Holyhead ...	29.81	60	57	N	6	c	5								

A slight decrease of pressure is reported from Scotland, and the wind has shifted to S. at Stornoway, but elsewhere the barometer still rises and the wind is E. or N. At Scilly the strong gale still holds. The weather has improved.

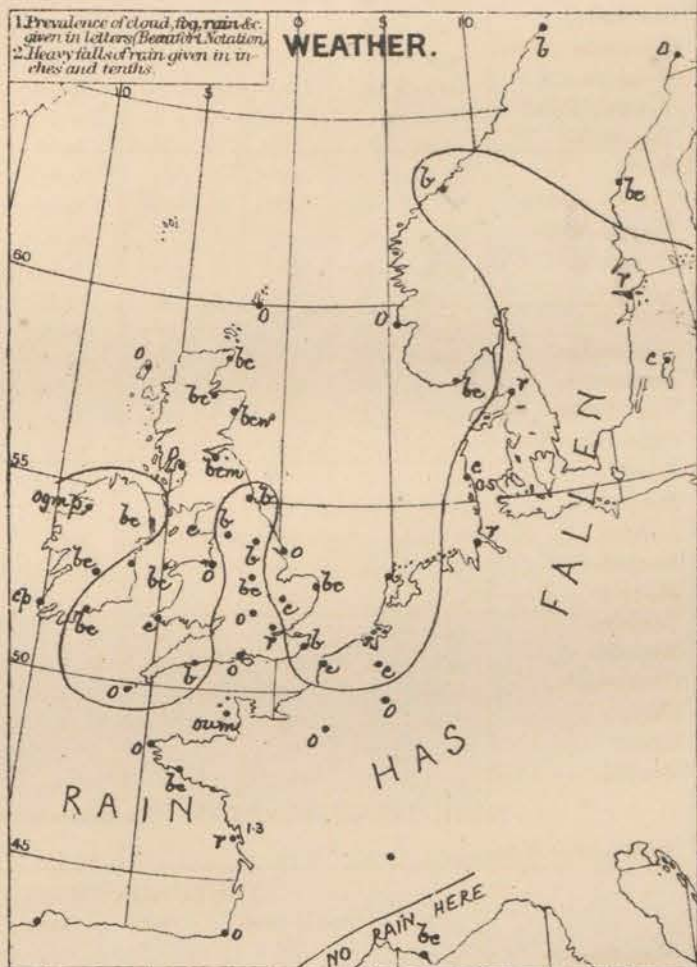
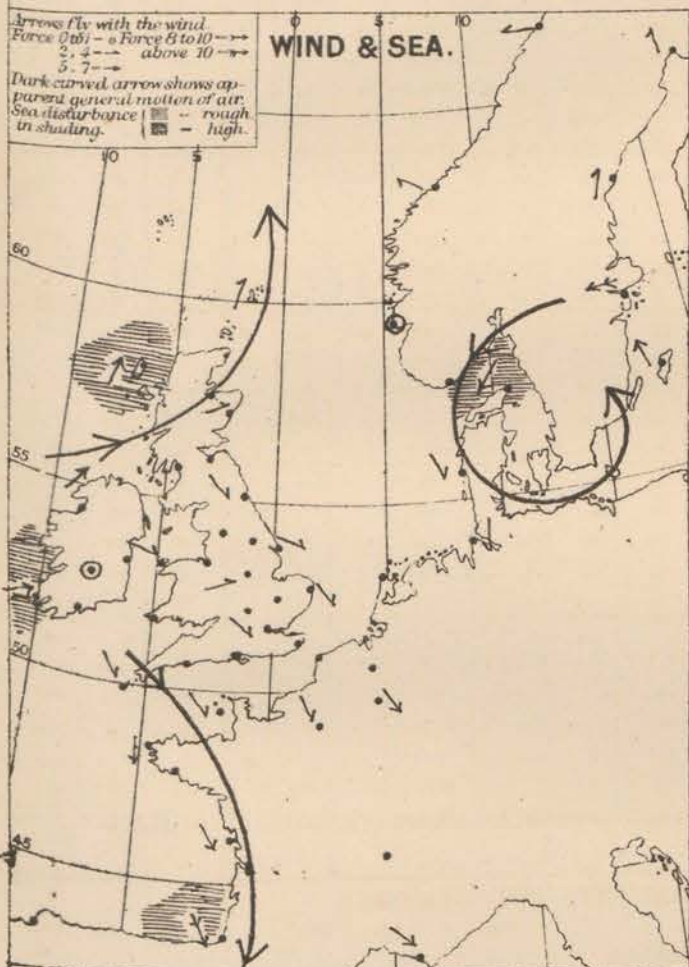
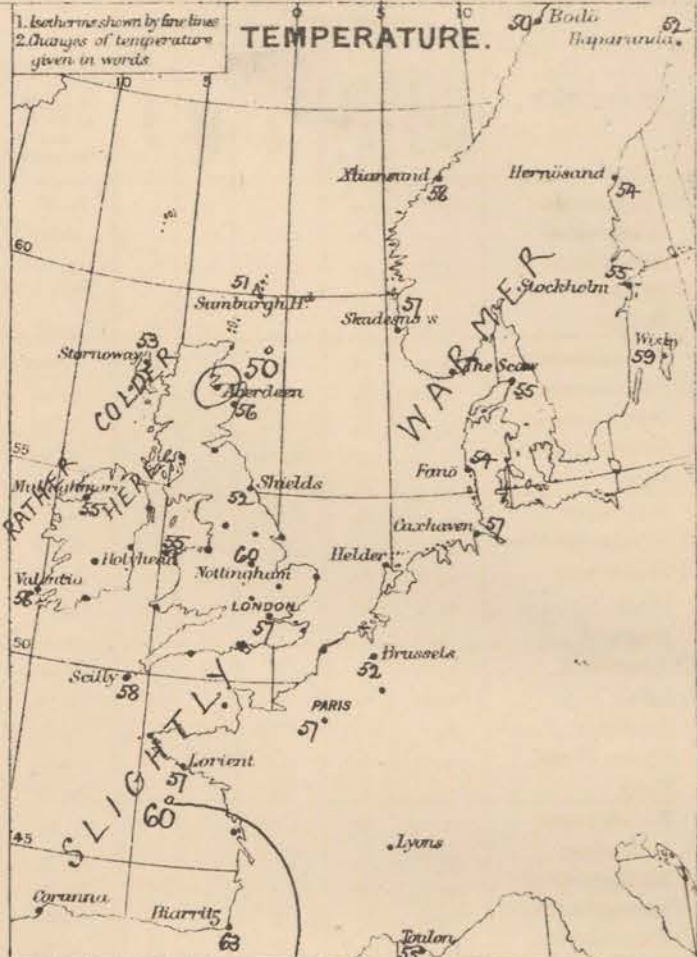
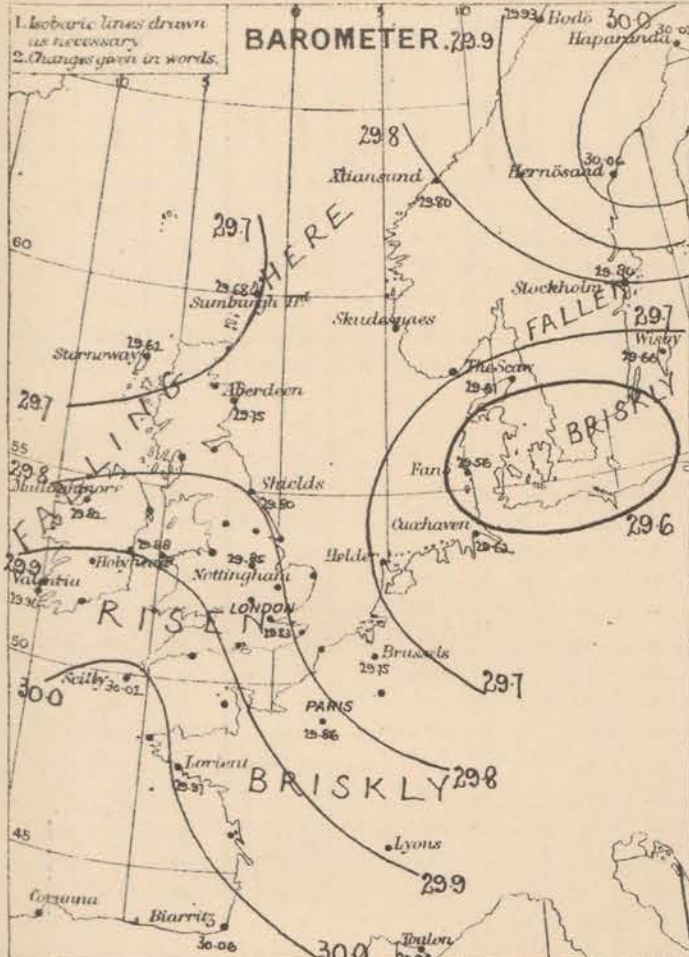
### EXPLANATION OF COLUMNS.

**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.

† Received too late for insertion in Chart.



# WEATHER CHARTS for 8 a.m. on Friday 17<sup>th</sup> SEPT<sup>r</sup> 1880.



**REMARKS.** The depression, recently noticed, appears to have moved NE<sup>ly</sup> during the past night, and the centre is shown this morning over Denmark. It has occasioned a general, but not brisk, fall of the barometer on the E<sup>ly</sup> shores of the North Sea, while a recovery has taken place over France and the S. and SE. of England. In the N. however, a fresh, but shallow depression has appeared, and the barometer has fallen over the whole of Ireland and Scotland. Areas of high pressure are shown over the Bay of Biscay and the Gulf of Bothnia. The wind at the same time has backed over the whole of the United Kingdom, to SW on our W and N. coasts, and to NW on our E. coasts, while over France NW winds are still reported. In the S. of Scandinavia the wind is E<sup>ly</sup> and fresh or strong, while at our extreme W. stations and in the W. of France it is fresh or strong in force, but elsewhere it is moderate or light. The weather varies a good deal in different localities, it is generally fine and bright in the E<sup>ly</sup> districts of Great Britain, and cloudy in the W<sup>ly</sup>, but in London rain is at present falling, while in the E. of Ireland the sky is nearly clear. Rain has fallen in Ireland and the E. of England. Temperature has fallen in the N. and NW, and readings range from 47° at Helms to 60° at Nottingham. The sea is rough at Valentia and Stormont.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

18<sup>TH</sup> SEPT<sup>R</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. Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.					
			Dir.	Force (0 to 12).			Dry.	Wet.				Max.	Min.						
Haparanda	29.23	47	S	2	b	29.13	+ 11	48	47	- 4	E	4	0	*	55	37	—		
Hernösand	29.97	52	ESE	2	o	29.83	- 23	57	56	+ 3	ENE	2	0	*	61	43	0.24		
Stockholm	29.77	57	ESE	2	c	29.63	- 17	57	56	+ 2	SE	8	7	*	61	52	0.28		
Wisby																			
Bodö	29.91	55	E	2	b	29.90	- 03	55	47	+ 5	E	4	0	*	63	48	—		
Christiansund	29.71	58	ESE	2	c	29.60	- 20	55	50	+ 2	ESE	2	0	*	64	48	—		
† Skudesnaes	29.66	57	ENE	4	o	29.61	- 15	59	53	+ 2	SE	4	0	*	63	57	—		
Oxö (Xriansund)	29.62	55	N	4	o	29.70	- 04	55	52	0	E	2	0	*	57	54	—		
Skagen (The Skaw)	29.49	59	NNE	5	c	29.65	+ 04	58	56	+ 3	NW	3	0	*	59	50	0.72		
Fanö	29.67	56	NNW	4	c	29.74	+ 18	61	57	+ 7	SW	4	0	*	61	52	0.08		
Cuxhaven	29.71	59	NW	3	b	29.85	+ 23	56	56	- 1	SW	2	0	*	59	52	0.02		
† Sumburgh Head	29.60	53	SSW	3	b	29.41	- 27	52	50	+ 1	W	3	0	*	58	50	—		
† Stornoway	29.49	52	WSW	4	c	29.38	- 24	50	49	- 3	SW	3	0	*	59	47	0.15		
Wick	29.56	56	SW	2	o	29.44	- 25	45	43	- 8	2	0	0	*	63	45	0.01		
Nairn	29.58	53	2	0	c	29.44	- 28	44	42	- 3	2	0	0	*	62	42	0.15		
† Aberdeen	29.63	59	SW	1	b	29.45	- 30	52	49	- 4	W	1	0	*	65	48	0.13		
Leith	29.67	59	W	1	c	29.50	- 29	50	49	- 2	W	1	0	*	64	49	0.29		
† Shields	29.74	59	WSW	1	c	29.52	- 28	54	52	+ 2	WSW	1	0	*	62	50	0.07		
Spurn Head	29.85	59	WSW	3	b	29.59	- 20	57	56	+ 1	SSW	4	7	*	63	53	—		
York	29.81	57	W	2	b	29.59	- 24	54	54	+ 1	S	1	0	*	66	50	0.15		
Nottingham	29.85	56	SW	3	b	29.60	- 25	56	53	- 4	SSW	3	7	*	66	50	0.25		
† Ardrossan	29.62	56	SW	2	7	29.49	- 30	53	50	- 2	WSW	2	0	*	60	51	0.36		
† Mullaghmore	29.63	56	WSW	5	c	29.54	- 28	50	48	- 5	WSW	6	0	*	62	46	0.30		
Donaghadee	29.65	57	SW	4	7	29.56	- 30	57	56	+ 6	W	3	0	*	64	44	0.31		
Parsonstown	29.69	57	E	1	7	29.64	- 28	49	48	- 5	WSW	1	0	*	64	45	0.37		
Barrow-in-Furness	29.76	59	SSW	5	c	29.57	- 28	51	48	- 4	W	3	0	*	63	50	0.31		
† Holyhead	29.79	58	SW	4	c	29.60	- 28	55	51	0	W	3	0	*	61	53	0.09		
Liverpool (Bidston)	29.80	58	SSW	2	c	29.58	- 28	54	51	- 1	WSW	1	0	*	62	52	0.27		
† Valentia	29.76	57	WSW	3	7g.	29.72	- 24	54	50	- 4	WNW	5	0	*	62	48	0.36		
Roche's Point	29.75	60	WSW	5	7	29.71	- 26	52	49	- 5	W	4	0	*	63	50	0.18		
Pembroke	29.85	58	SW	5	c	29.66	- 27	56	53	0	W	6	0	*	59	53	0.28		
† Scilly	30.00	59	WSW	4	o	29.80	- 22	58	54	0	W	6	0	*	63	55	0.42		
Prawle Point	30.00	57	WSW	5	c	29.78	- 18	57	57	- 1	SW	8	7	*	64	56	0.15		
Hurst Castle	29.93	59	NW	4	b	29.76	- 10	60	59	+ 2	WSW	7	7	*	65	56	0.03		
† Dover	29.89	60	WSW	1	b	29.82	+ 03	60	58	+ 3	W	7	0	*	64	54	0.02		
† London	29.89	58	WSW	1	b	29.75	- 08	57	56	0	SSW	2	7	*	65	51	0.09		
Oxford	29.91	56	SW	2	o	29.68	- 18	57	56	+ 1	S	5	7	*	61	56	0.12		
Cambridge	29.85	59	W	1	c	29.69	- 13	58	57	0	S	2	7	*	66	50	0.03		
† Yarmouth	29.84	61	2	0	b	29.74	- 02	58	56	- 1	SSW	5	0	*	63	52	0.01		
The Helder	29.82	61	W	1	b	29.81	+ 14	60	54	0	SW	4	0	*	63	57	—		
Cape Gris Nez	29.92	62	W	4	m	29.86	+ 07	60	57	+ 3	SW	8	0	*	66	55	0.07		
† Jersey	30.00	58	WNW	5	c	29.96	+ 02	60	56	+ 1	SW	7	0	*	62	56	0.01		
Brest	30.12	60	WNW	4	o	29.99	- 07	60	59	+ 4	WSW	7	0	*	61	54	—		
Lorient	30.08	56	NW	5	o	29.95	- 02	59	57	+ 2	SSW	7	0	*	64	55	—		
† Rochefort	30.11	63	NW	7	b	30.17	+ 22	59	58	- 2	SSW	3	0	*	68	57	0.32		
Biarritz																			
Corunna	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.96	+ 24	56	53	+ 4	SW	4	0	*	63	54	0.07		
Charleville	29.95	61	NW	5	o	30.03	+ 27	56	53	+ 4	SSW	3	0	*	63	50	0.08		
Paris	30.02	59	SW	1	b	30.08	+ 22	54	54	- 3	SSW	1	0	*	*	*	0.08		
Lyons	30.06	56	NE	1	c	30.08	+ 27	54	54	- 1	NE	1	0	*	69	53	0.08		
Toulon	30.00	62	WNW	7	b	30.07	+ 11	59	57	+ 4	NW	7	0	*	64	52	0.20		

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

Hawes Junction	28.57	52	WSW	2	c	28.33	- 28	48	47	- 1	WSW	4	0	*	57	48	0.24		
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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 ...	29.68	62	54	NNW	4	c	2	Valentia ...	29.88	60	58	SW	5	omg	5
Sumburgh Head	29.63	56	53	SSW	4	c	3	Scilly ...	30.02	61	58	WSW	3	c	3
Stornoway ...	29.56	57	52	WSW	5	c	5	Dover ...	29.83	62	57	NW	3	b	1
Aberdeen ...	29.68	62	56	SW	2	c	2	London ...	29.87	63	55	W	2	o	*
Shields ...	29.76	61	55	W	5	b	3	Yarmouth ...	29.80	64	58	NW	3	b	2
Ardrossan ...	29.74	58	56	SW	3	c	2	Jersey ...	30.02	61	58	WNW	5	bom	4
Mullaghmore ...	29.73	58	56	SW	5	pg	5	Rochefort ...	30.03	66	62	N	7	c	4
Holyhead ...	29.87	60	56	SW	3	b	2								

Pressure is decreasing except at our SE- and S- stations, and a further backing of the wind has occurred generally. It is now SW on all our W- and NW- coasts, and N at most of the E- and S- stations. The weather continues variable, but is generally fine on our east coast.

## EXPLANATION OF COLUMNS.

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

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

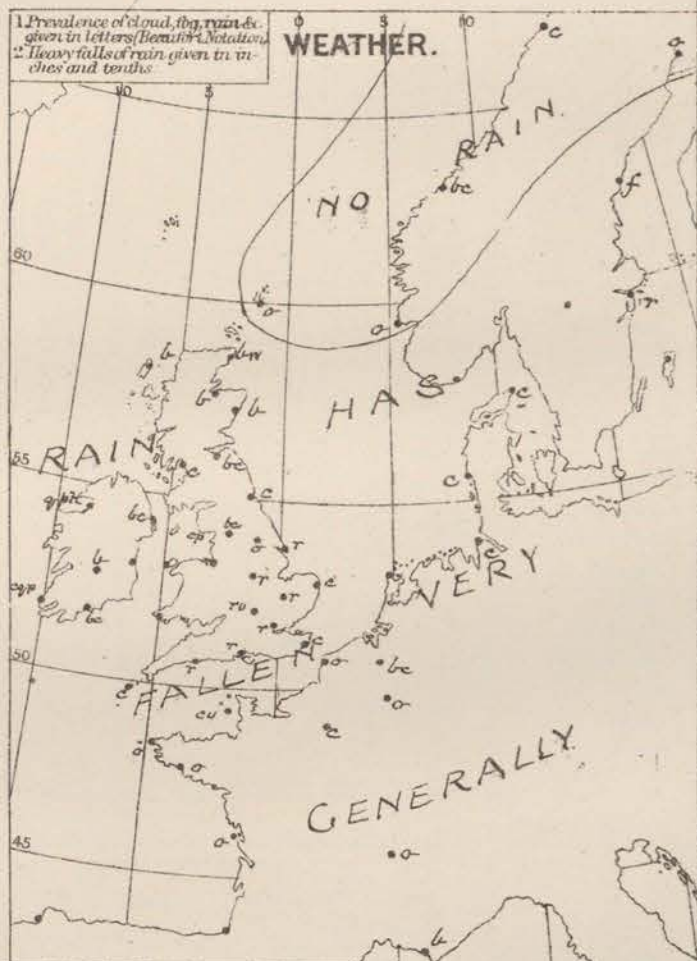
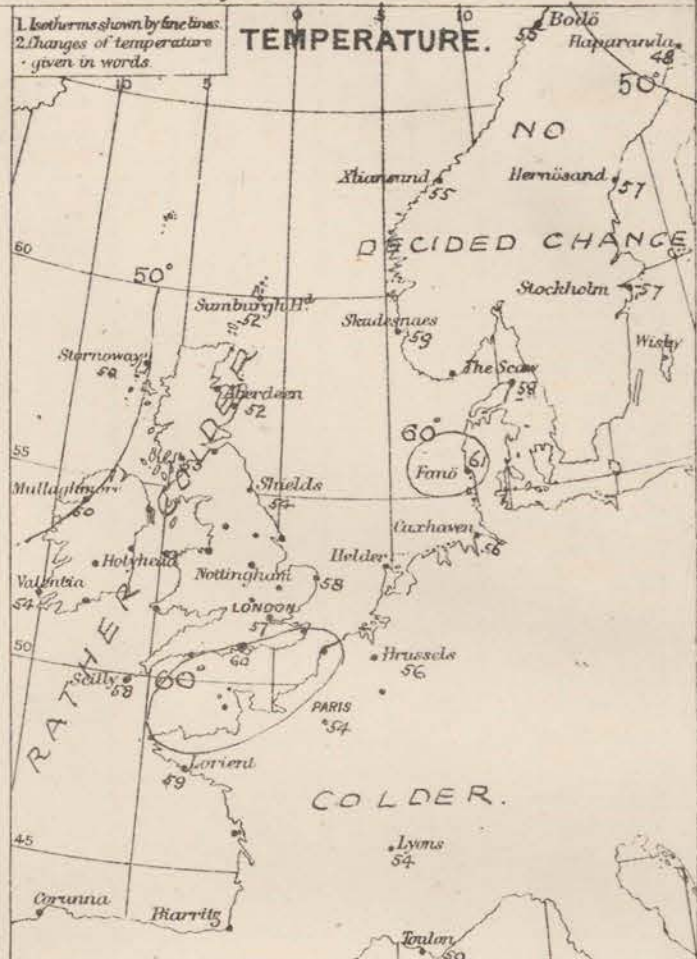
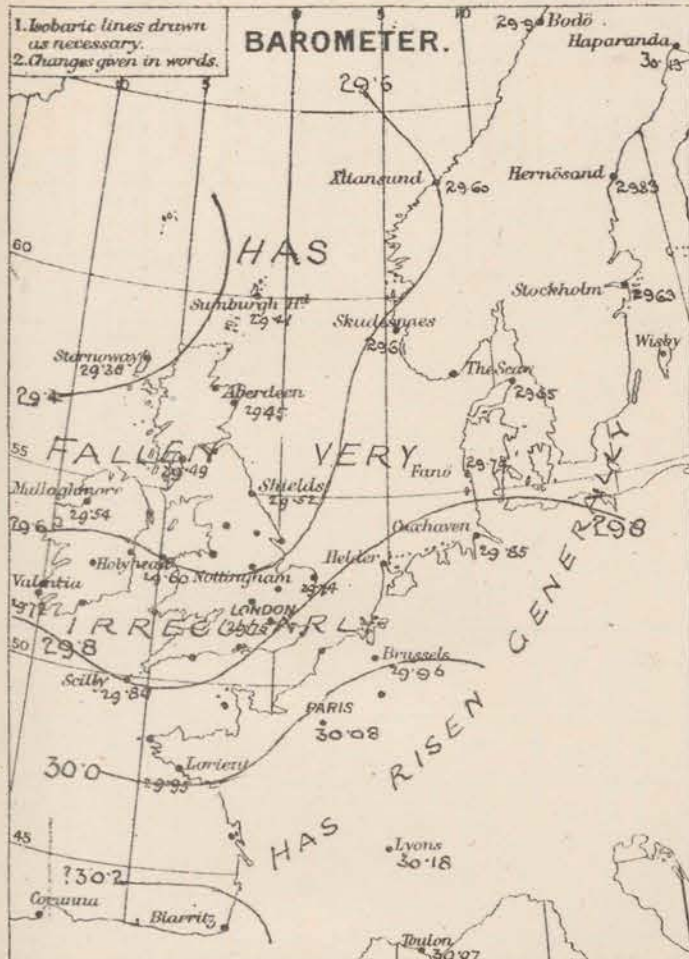
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



# WEATHER CHARTS for 8 a.m. on Saturday 18<sup>th</sup> Sept. 1880.



**REMARKS.** The large depression noticed off the NW of Scotland yesterday is still shown there this morning, and at the same time smaller subsidiary disturbances are passing across the more S<sup>th</sup> parts of the Kingdom. The barometer is rising over Germany and the greater part of France, but in all other places the mercury is falling, the change in the NW and N. being brisk. Areas of high pressure are still shown over the Peninsula and the Gulf of Northern. The weather, after improving somewhat yesterday has become very unsettled again over Ireland and England, but in Scotland the sky is clear; heavy rain is falling at the S<sup>th</sup>, SE<sup>th</sup> and Central Stations and showers of rain and hail in the W. of Ireland. The wind is W<sup>th</sup> on our W<sup>th</sup> coasts, SW<sup>th</sup> and S<sup>th</sup> in the S<sup>th</sup> and SE<sup>th</sup> districts, and SE<sup>th</sup> in Norway. It blows a gale on the Channel coasts and is strong in Ireland, while in the N and NE it is light to moderate in force, and calm in places. Temperature has fallen in most places, and rainier from 44° at Narvik to 60° on our Channel coasts and at Paris. The sea is rough in the W. and S., high at Pwllheli.

Aurora was seen at Nottingham last night and lunar halos in several places.

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

19<sup>TH</sup> SEPT

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).		Rounding 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	30.01	53	SE	2	0	29.95	-18	54	53	+6	S	2	0	*	54	46	0.16		
Hernösand	29.76	57	NE	4	0	29.87	+104	55	54	-2	S	2	0	*	59	46	1.05		
Stockholm	29.86	55	SSW	2	0	29.89	+26	55	56	+1	SSE	2	0	*	51	54	0.24		
Wisby	29.88	57	SSW	4	0	29.88		55	55		SSE	2	0	*	64	50	-		
Bodö	29.74	54	E	2	0	29.71	-19	55	51	0	E	2	0	1	55	50	-		
Christiansund	29.57	54	N	1	0	29.45	-15	58	50	+3	NE	2	0	3	63	45	-		
Skudesnaes	29.45	59	SE	6	7	29.42	-19	55	51	-4	SSW	4	0	4	?	?	-		
Oxö (Xiansand)	29.62	60	SSE	6	0	29.50	-20	55	58	0	S	4	0	4	61	52	0.63		
Skagen (The Skaw)	29.73	60	S	4	0	29.60	-05	55	54	-3	S	4	7	3	63	52	0.20		
Fanö	29.64	57	S	4	7	29.58	-16	52	50	-9	SW	4	5	*	64	52	0.27		
Cuxhaven	29.83	62	SSW	2	0	29.73	-12	54	53	-2	SSW	3	0	*	63	50	0.06		
Sumburgh Head	29.40	51	NNW	2	0	29.40	-01	53	49	+1	W	2	0	2	58	43	0.02		
Stornoway	29.42	52	W	2	0	29.42	+024	50	48	0	W	1	0	1	50	38	0.10		
Wick	29.45	52	? NW	2	0	29.46	+02	51	48	+6	NNW	2	0	2	60	35	0.10		
Nairn	29.45	48	SW	1	0	29.48	+04	44	41	0	SW	1	0	1	57	41	0.02		
Aberdeen	29.47	51	NE	1	0	29.48	+03	48	45	-4	WSW	1	0	1	62	37	0.04		
Leith	29.50	51	NW	1	0	29.51	+01	46	45	-4	W	1	0	*	60	43	0.02		
Shields	29.52	54	NNW	2	0	29.53	+01	48	46	-6	W	2	0	2	58	44	0.12		
Spurn Head	29.60	54	SW	4	0	29.61	+02	49	49	-8	SW	4	0	4	59	47	0.11		
York	29.60	53	W	2	0	29.60	+01	47	47	-7	SW	1	0	*	58	43	0.58		
Nottingham	29.70	49	WSW	3	7	29.66	+06	49	48	-7	SW	3	0	*	64	42	0.15		
Ardrossan	29.52	52	NNW	3	0	29.52	+03	51	48	-2	WSW	3	0	2	58	46	0.42		
Mullaghmore	29.62	54	NNW	5	0	29.63	+09	51	48	+1	NNW	6	0	5	57	47	0.40		
Donaghadee	29.61	49	NNW	3	0	29.60	+04	48	46	-9	NNW	3	0	1	58	41	0.07		
Parsonstown	29.73	49	SW	1	0	29.72	+08	48	46	-1	W	1	0	*	57	43	0.31		
Barrow-in-Furness	29.61	52	NNW	3	0	29.59	+02	51	47	0	NNW	5	0	6	59	46	0.46		
Holyhead	29.66	54	W	3	0	29.65	+05	51	48	-4	W	5	0	4	58	50	0.05		
Liverpool (Bidston)	29.65	51	WSW	3	0	29.62	+04	51	47	-3	W	4	0	4	57	47	0.39		
Valentia	29.82	54	W	5	0	29.80	+08	55	49	+1	NNW	5	0	5	60	50	0.10		
Roche's Point	29.78	54	NNW	4	0	29.77	+05	53	50	+1	NNW	4	0	4	59	49	-		
Pembroke	29.76	54	W	5	0	29.71	+05	54	51	-2	W	5	0	4	57	51	0.03		
Scilly	29.89	57	W	7	0	29.80	00	59	57	+1	WSW	7	0	6	59	53	0.12		
Prawle Point	29.87	55	W	6	0	29.77	-01	56	55	-1	WSW	6	0	5	61	51	0.31		
Hurst Castle	29.92	58	NNW	6	0	29.78	+02	56	54	-4	NNW	6	0	4	63	55	0.25		
Dover	29.77	55	WSW	4	0	29.76	-06	55	51	-5	W	4	0	3	62	48	0.33		
London	29.68	60	W	3	0	29.76	+08	52	49	-5	SW	2	0	*	63	46	0.26		
Oxford	29.79	53	SW	3	0	29.73	+05	51	49	-6	SW	3	0	*	62	47	0.07		
Cambridge	29.71	53	SW	1	0	29.68	-03	51	49	-7	SW	1	0	*	65	43	0.53		
Yarmouth	29.69	53	W	2	0	29.68	-06	51	49	-7	WSW	4	0	2	60	45	0.10		
The Helder	29.67	57	WSW	2	0	29.67	-14	56	52	-4	SW	5	0	3	61	53	0.51		
Cape Gris Nez	29.77	60	SW	9	0	29.79	-07	56	52	-4	W	7	0	5	66	52	0.35		
Jersey	29.95	57	W	7	0	29.91	-05	57	55	-3	WSW	7	0	6	62	52	0.34		
Brest	30.00	59	W	4	0	29.99	00	59	56	-1	W	5	0	4	?	52	0.16		
Lorient	30.01	58	NNW	5	7	29.99	+04	57	54	-2	W	4	0	3	63	52	0.16		
Rochefort	30.04	65	W	8	0	30.06	-11	61	60	+2	NNW	4	0	4	68	55	0.31		
Biarritz	30.19	66	N	2	0	30.17		60	56		S	4	0	2	68	55	-		
Corunna	*	*	*	*	*	30.25	+02	66	*	+8	W	1	0	5	*	*	*		
Brussels	*	*	*	*	*	29.84	-12	52	50	-4	SW	7	0	*	64	50	0.35		
Charleville	30.00	59	W	7	0	29.98	-02	51	50	-5	WSW	4	0	*	68	45	0.31		
Paris	29.97	64	W	7	0	29.96	-12	57	52	+3	S	3	0	*	*	*	0.12		
Lyons	30.15	57	E	1	0	30.15	-03	53	52	-1	ENE	1	0	*	69	50	0.04		
Toulon	30.12	63	NNW	7	0	30.12	+05	58	54	-1	NNW	7	0	4	68	57	-		

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

Hawes Junction	28.37	45	WSW	4	7	28.36	+03	41	41	-7	NNW	4	0	51	40	0.77		
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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 ...	29.56	61	55	SSE	8	of	5	Valentia ...	29.78	60	53	W	5	bcg	5
Sumburgh Head	29.41	52	49	NNN	2	c	3	Scilly ...	29.85	58	54	W	6	cp.	5
Stornoway ...	29.39	56	56	SW	3	bc	2	Dover ...	29.74	60	58	SW	7	cgr	5
Aberdeen ...	29.44	55	51	S	1	p	1	London ...	29.68	60	57	SSW	5	bc	5
Shields ...	29.49	56	52	W	2	c	2	Yarmouth ...	29.64	59	56	SW	5	cgr	2
Ardrossan ...	29.49	52	48	NNN	3	p	2	Jersey ...	29.87	59	58	SW	9	omr	7
Mullaghmore ...	29.58	52	47	W	6	cp	5	Rochefort ...	30.15	67	59	NN	5	c	2
Holyhead ...	29.63	56	51	W	4	c	3								

Pressure is increasing a little in the SW, but still decreases elsewhere. The wind continues W to SW and blows a hard gale at Jersey, while rain is falling at several 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 (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.  
 ‡ T. and S. 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

20<sup>th</sup> SEPT

1880.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).		Max.	Min.				
Haparanda	29.01	51	SE	2	0	29.84	-11	56	55	+2	S	2	0	*	?	50	0.35		
Hernösand	29.96	55	Z	0	0	29.76	-11	54	53	-1	Z	0	f	*	59	50	-		
Stockholm	29.72	56	S	2	0	29.64	-25	57	55	-1	SSE	2	0	*	64	50	0.16		
Wisby	29.75	55	SE	2	0	29.62	-26	58	56	+2	S	2	0	*	66	45	0.20		
Bodö	29.74	57	E	2	0	29.67	-24	57	57	+2	E	4	0	2	64	52	-		
Christiansund	29.41	59	SE	3	0	29.29	-16	57	54	-1	SSE	3	0	2	66	48	-		
Skudesnaes	29.42	52	Z	0	0	29.41	-10	50	47	-5	NNE	2	0	2	57	?	-		
Oxö (Klansund)	29.46	53	NNW	2	0	29.36	-12	49	45	-6	N	4	0	3	57	48	0.20		
Skagen (The Skaw)	29.50	52	S	2	0	29.36	-24	51	50	-4	ENE	3	0	3	57	46	0.32		
Fanö	29.42	50	SW	1	0	29.36	-22	53	50	+1	NN	4	0	*	57	48	0.28		
Cuxhaven	29.66	54	SW	5	0	29.32	-21	50	50	-4	SW	5	0	*	57	46	0.34		
Sumburgh Head	29.47	51	NNW	1	0	29.32	+12	51	47	-2	NNW	4	0	3	57	44	0.01		
Stornoway	29.57	52	NNW	3	0	29.65	+23	50	48	0	NNW	1	0	0	56	40	0.09		
Wick	29.51	42	NN	1	0	29.64	+18	47	46	-4	N	2	0	2	53	37	0.10		
Nairn	29.48	40	NNW	1	0	29.68	+20	44	41	0	NNW	1	0	1	57	42	0.01		
Aberdeen	29.53	50	Z	0	0	29.66	+18	50	46	+2	NN	3	0	1	58	42	0.10		
Leith	29.55	50	N	1	0	29.72	+21	48	45	+2	N	1	0	*	61	41	-		
Shields	29.55	50	N	3	0	29.69	+16	48	42	-5	N	2	0	2	57	40	0.10		
Spurn Head	29.60	49	N	5	0	29.68	+8	49	47	0	NN	5	0	5	56	47	0.10		
York	29.62	50	N	2	0	29.73	+13	48	46	+1	NNW	3	0	*	58	42	0.21		
Nottingham	29.69	49	SW	2	0	29.80	+14	54	49	+5	NN	3	0	*	59	42	0.06		
Ardrossan	29.57	51	NNW	7	0	29.75	+23	51	49	0	NN	3	0	2	57	42	0.19		
Mullaghmore	29.70	54	NNW	7	0	29.86	+23	53	50	+2	NN	6	0	5	56	50	0.25		
Donaghadee	29.65	47	N	2	0	29.82	+22	57	49	+3	NNW	2	0	0	58	44	0.06		
Parsonstown	29.79	53	NNW	1	0	29.95	+23	57	49	+3	N	1	0	*	57	46	-		
Barrow-in-Furness	29.64	50	NNW	3	0	29.79	+20	52	48	+1	N	3	0	4	58	48	0.05		
Holyhead	29.70	54	N	5	0	29.85	+21	53	57	+2	N	5	0	4	56	49	0.02		
Liverpool (Bidston)	29.67	48	N	5	0	29.80	+18	52	45	+1	NN	4	0	3	55	48	0.13		
Valentia	29.89	54	NN	4	0	29.99	+10	54	51	+1	NNW	2	0	3	60	50	-		
Roche's Point	29.82	55	NN	4	0	29.97	+15	54	50	+1	NNW	3	0	3	57	50	-		
Pembroke	29.78	56	NNW	5	0	29.91	+13	55	52	+1	NNW	5	0	4	56	53	-		
Scilly	29.87	57	NNW	4	0	30.00	+20	58	53	-1	NNW	3	0	4	59	53	0.10		
Prawle Point	29.84	52	NNW	2	0	29.99	+22	52	50	-4	NNW	2	0	3	58	47	0.08		
Hurst Castle	29.73	55	NN	4	0	29.89	+11	53	50	-3	NNW	4	0	4	57	47	0.58		
Dover	29.68	54	N	3	0	29.80	+12	57	48	-4	N	4	0	3	56	47	0.35		
London	29.70	54	NNW	2	0	29.83	+13	53	49	+1	NNW	3	0	*	60	41	0.13		
Oxford	29.77	49	N	2	0	29.84	+11	50	47	-1	N	3	0	*	57	45	-		
Cambridge	29.69	50	NNW	1	0	29.76	+08	50	47	-1	SW	2	0	*	58	42	0.06		
Yarmouth	29.82	52	NNW	3	0	29.66	-02	50	48	-1	N	5	0	2	57	43	0.04		
The Helder	29.56	54	NN	2	0	29.58	-09	55	50	-1	NNW	5	0	3	59	52	0.20		
Cape Gris Nez	29.64	55	N	4	0	29.78	-01	54	50	-2	N	7	0	5	68	48	0.55		
Jersey	29.85	55	NN	4	0	30.01	+10	55	57	-2	NNW	4	0	5	60	51	0.32		
Brest	29.92	55	NNW	4	0	30.04	+05	54	54	-5	NNW	3	0	5	61	54	0.04		
Lorient	29.88	58	NNW	7	0	30.03	+04	55	53	-2	NN	1	0	2	63	52	0.04		
Rochefort	29.98	62	N	8	0	30.08	+02	59	55	-2	N	5	0	2	68	54	0.28		
Biarritz	30.15	66	NNW	7	0	30.14	-03	67	65	+7	NNW	8	0	4	68	55	0.08		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.78	-06	50	47	-2	NNW	5	0	*	57	46	0.32		
Charleville	29.79	59	NNW	5	0	29.82	-16	46	46	-5	NNW	3	0	*	61	42	0.35		
Paris	29.82	56	SSW	3	0	29.98	+02	55	53	-2	N	3	0	*	*	*	0.16		
Lyons	29.99	62	S	1	0	29.95	-20	59	56	+6	NN	2	0	*	68	57	0.43		
Toulon	30.08	62	NN	8	0	29.98	-19	59	50	+1	NNW	9	0	7	68	57	0.28		

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

Hawes Junction	28.35	44	N	4	0	28.52	+16	42	+1	N	4	0	*	50	39	0.48			
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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	29.43	57	SE	2	0	Valentia					
Sumburgh Head						Scilly					
Sornoway						Dover					
Aberdeen						London					
Shields						Yarmouth					
Ardrossan						Jersey					
Mullaghmore						Rochefort	30.05	66	60	NNW	5 0 2
Holyhead											

## EXPLANATION OF COLUMNS.

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

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

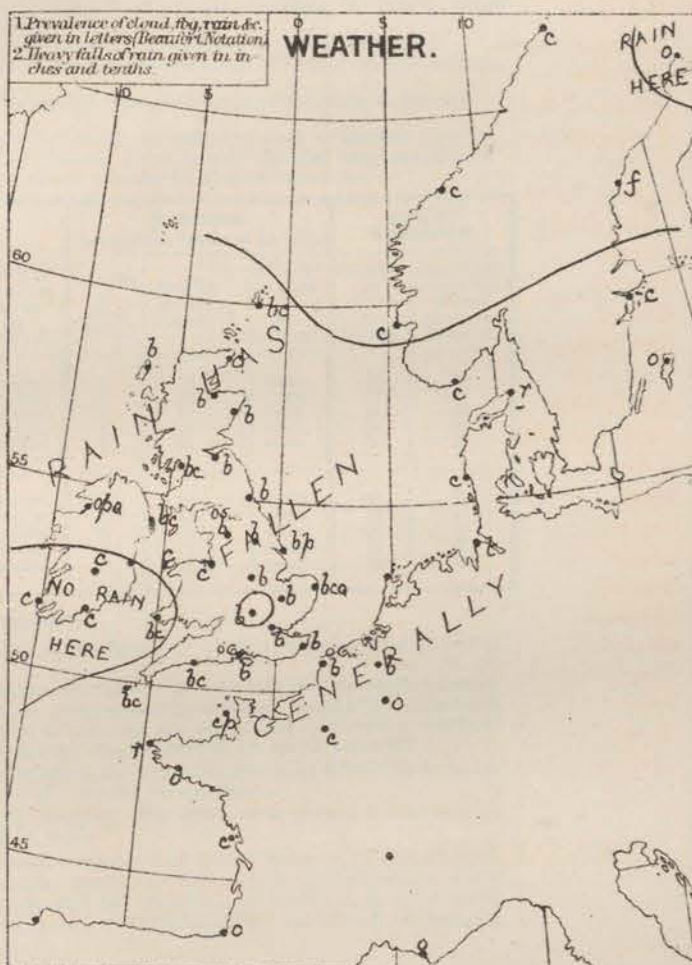
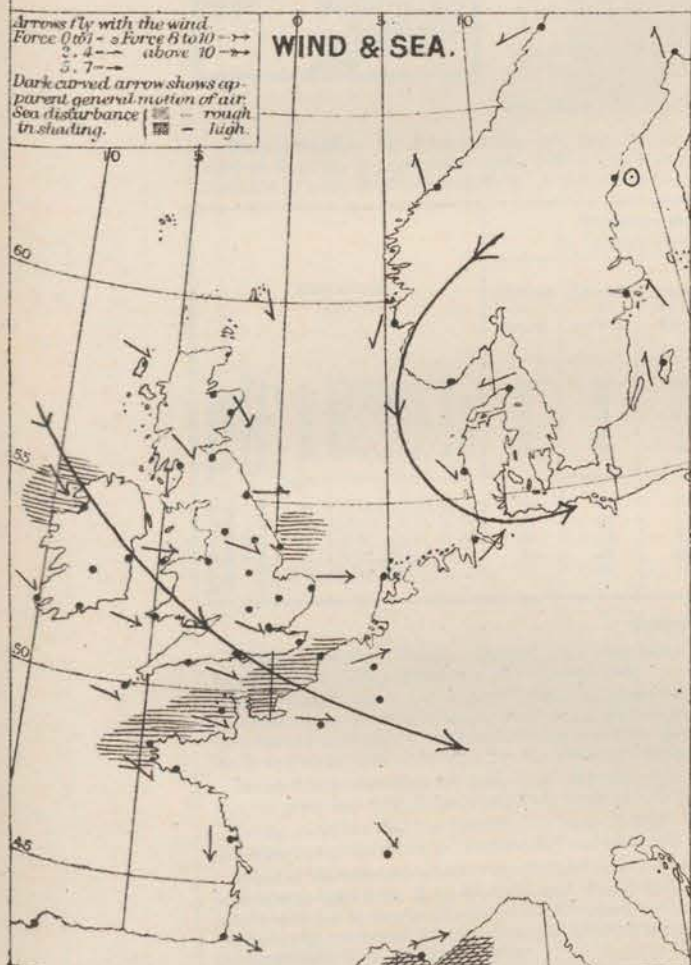
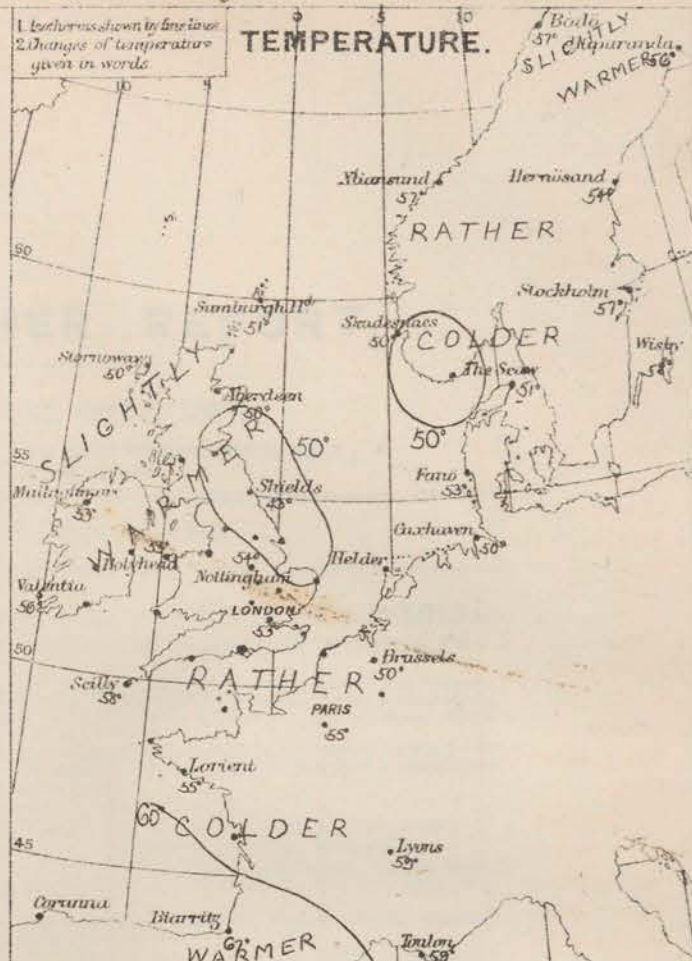
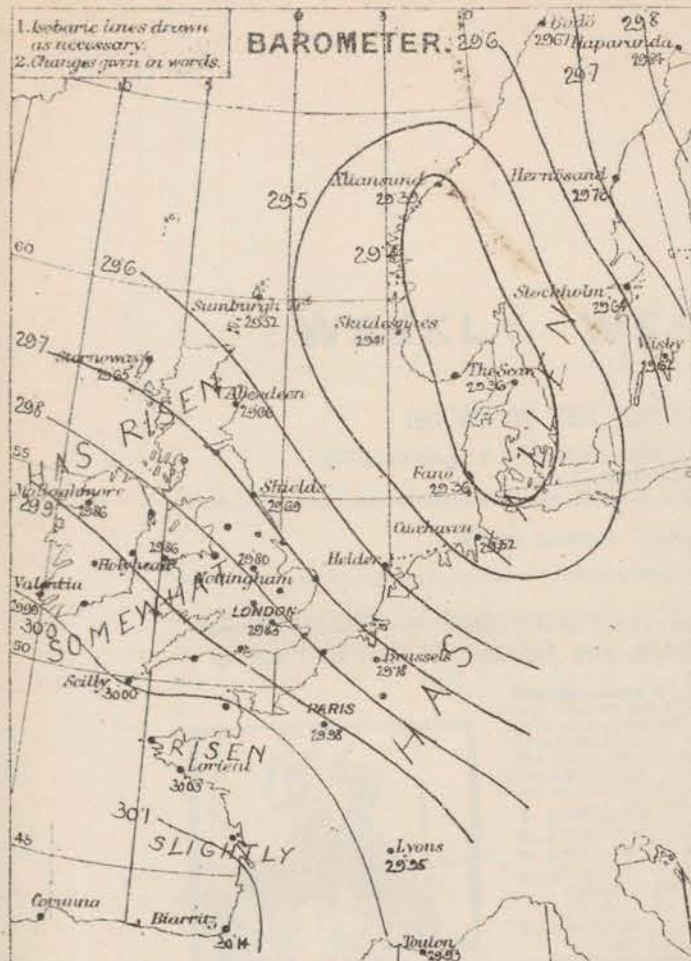
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



WEATHER CHARTS for 8 a.m. on Monday 20<sup>TH</sup> SEPT<sup>R</sup> 1880.



**REMARKS.** The large depression which yesterday lay to the N<sup>W</sup> of Scotland, and the smaller subsidiary disturbance shown near Scilly have both travelled away E<sup>W</sup> from these Islands. The barometer has consequently fallen over the whole of the countries to the E<sup>W</sup> of the North Sea, while in these Islands and the west of France a moderately brisk increase of pressure has occurred. The area of high readings, which yesterday lay over the south of France has spread N<sup>W</sup> towards our south west coasts, so that gales for NW breezes have been formed. In consequence, the wind has veered generally, and is now NW to W over the whole of the United Kingdom and France, while over the North Sea it is N. It blows strongly at Mullaghmore and in the Straits of Dover, but is light or moderate generally. Temperature has fallen over the Continent and the south of England, risen slightly elsewhere, readings ranging from 41° at Harlow to 58° at Scilly. The weather is cloudy and showery over France, Norway and Denmark, but is fine and bright over S<sup>W</sup> Britain. Thunder is reported from Cuxhaven and occurred in the south east of England yesterday. Rain has been very general. The sea is rough on the French side of the Channel and at Mullaghmore.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 21<sup>st</sup> SEPT 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 19).		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 19).			Max.	Min.		
Haparanda	29.76	52	S	2	0	29.96	+ .12	52	52	— 4	2	0	f	*	57	48	0.24	
Hörnösand	29.76	57	SE	2	0	29.30	+ .04	57	56	+ 3	ESE	4	0	*	59	46	0.20	
Stockholm	29.67	55	S	2	0	29.74	+ .10	55	53	— 2	S	2	0	*	44	40	0.24	
Wisby	29.69	53	S	4	0	29.72	+ .10	54	52	— 4	SSE	2	0	*	64	48	0.16	
Bodö	29.65	55	E	2	0	29.70	+ .03	55	53	— 2	E	2	0	1	59	50	—	
Christiansund	29.43	50	ESE	2	0	29.49	+ .10	49	46	— 8	WSW	1	0	2	63	?	—	
† Skudesnaes	29.46	54	NNW	0	0	29.50	+ .15	54	49	+ 4	SSW	2	0	3	57	?	—	
Oxö (Ålansund)	29.40	50	W	2	0	29.62	+ .24	50	48	+ 1	WSW	4	0	2	50	45	0.24	
Skagen (the Skaw)	29.46	52	SW	4	0	29.62	+ .24	52	50	+ 1	WSW	2	0	1	52	46	0.28	
Faßö	29.54	48	WSW	1	0	29.72	+ .36	53	51	— 1	W	0	0	*	59	46	0.20	
Guxhaven	29.60	52	WSW	4	+	29.79	+ .17	53	52	+ 3	WSW	3	+	*	55	48	0.08	
† Sumburgh Head	29.51	51	NNW	4	0	29.20	— .16	52	51	+ 1	NNW	5	+	5	55	46	0.48	
† Stornoway	29.65	52	NN	3	0	29.56	— .19	52	52	+ 2	NNW	4	bc	4	57	45	0.05	
Wick	29.63	53	NN	2	bc	29.52	— .09	52	49	+ 5	NN	4	bc	5	58	45	0.05	
Nairn	29.69	51	SW	2	0	29.63	— .05	50	45	+ 6	W	1	0	1	59	44	—	
† Aberdeen	29.68	55	NN	1	0	29.66	00	50	47	0	NN	1	bc	1	57	40	0.07	
Leith	29.75	55	W	1	0	29.72	00	52	50	+ 4	W	1	+	*	61	40	—	
† Shields	29.78	51	W	2	bc	29.77	+ .08	50	49	+ 7	WSW	2	omg	2	58	41	0.07	
Spurn Head	29.83	52	WSW	4	0	29.84	+ .16	54	53	+ 5	WSW	2	bc	3	58	49	0.10	
York	29.89	54	W	4	0	29.88	+ .10	51	50	+ 3	SW	3	0	*	61	44	—	
Nottingham	29.89	52	WSW	3	0	29.88	+ .08	53	52	— 1	SW	1	om	*	61	45	0.07	
† Ardrossan	29.78	53	NN	3	0	29.75	00	54	52	+ 3	NW	3	0	2	59	50	0.02	
† Mullaghmore	29.87	55	W	5	ogp	29.87	+ .01	58	52	0	NN	5	ogp	4	58	51	0.20	
Donaghadee	29.80	52	NNW	2	+	29.84	+ .02	54	52	+ 3	NW	2	bc	0	60	48	0.08	
Parsonstown	29.93	54	E	1	0	29.92	— .03	52	52	+ 1	2	0	0	*	59	50	0.05	
Barrow-in-Furness	29.85	54	NNW	4	0	29.82	+ .03	55	53	+ 3	NN	2	0	5	61	51	0.02	
† Holyhead	29.90	57	NNW	4	0/p	29.86	00	55	53	+ 2	W	2	0	2	58	52	0.04	
Liverpool (Bidston)	29.87	58	W	4	0	29.85	+ .05	52	52	0	WSW	2	0	1	57	51	0.07	
† Valentia	29.95	56	SSW	4	omd	29.93	— .06	58	58	+ 2	NN	2	om	2	60	55	0.13	
Roche's Point	29.94	54	SW	3	0	29.90	— .07	60	58	+ 6	NNW	2	bc	3	60	53	0.16	
Pembroke	29.94	56	WSW	4	0	29.86	— .05	58	57	+ 3	NNW	2	0	3	58	54	0.24	
† Scilly	30.04	58	WSW	4	0	29.95	— .05	60	60	+ 2	W	4	f	4	62	56	0.05	
Prawle Point	30.05	55	NNW	4	0	29.94	— .05	58	58	+ 6	WSW	4	f	4	61	51	0.05	
Hurst Castle	30.00	58	NN	4	0	29.92	+ .03	57	57	+ 4	W	4	rm	3	63	53	0.08	
† Dover	29.91	53	W	3	bc	29.93	+ .13	52	50	+ 1	NNW	2	0	1	59	50	0.02	
† London	29.91	52	NNW	2	0	29.93	+ .10	53	50	0	SSW	1	+	*	64	47	0.14	
Oxford	29.96	51	W	2	0	29.90	+ .06	52	51	+ 2	SSW	1	rg	*	61	50	0.04	
Cambridge	29.89	54	NNW	1	0	29.89	+ .13	51	51	+ 1	SW	1	0	*	61	44	0.01	
† Yarmouth	29.85	54	W	1	bc	29.88	+ .22	51	50	+ 1	W	2	bc	2	58	46	0.01	
The Helder	29.78	57	NNW	4	0	29.84	+ .26	55	51	0	WSW	1	bc	2	57	52	0.08	
Cape Gris Nez	29.96	58	WSW	4	0	29.95	+ .17	55	54	+ 1	W	5	+	4	59	50	—	
† Jersey	30.08	57	NNW	3	0/g	30.01	00	58	58	+ 3	WSW	5	ofd	4	60	54	0.07	
Brest	30.10	59	2	0	0	30.07	+ .03	59	59	+ 5	WSW	4	+	3	60	54	0.04	
Lorient	30.09	58	NNW	3	bc	30.06	+ .03	59	58	+ 4	NNW	4	m	2	64	54	—	
† Rochefort	30.15	63	NNW	4	0	30.13	+ .05	62	59	+ 3	NNW	4	0	2	68	55	—	
Biarritz	30.17	66	NW	8	+	30.19	+ .05	65	63	— 2	W	5	+	4	70	61	0.08	
Ceranna	*	*	*	*	*	30.22	— .05	64	*	— 3	NE	1	0	5	*	*	*	
Brussels	*	*	*	*	*	29.95	+ .17	51	50	+ 1	SW	1	0	*	58	48	0.04	
Charleville	29.95	52	W	4	0	30.01	+ .19	47	45	+ 1	S	1	0	*	64	35	—	
Paris	30.04	58	NNW	3	0	30.06	+ .08	55	53	0	SSW	2	0	*	*	*	—	
† Lyons	30.10	57	NNW	1	0	30.17	+ .22	48	48	— 11	NNE	1	0	*	67	43	—	
Toulon	30.28	65	NW	7	0	30.00	+ .07	54	47	— 5	NW	8	0	7	68	52	—	

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

Hawes Junction	28.59	44	WSW	4	0	28.59	+ .07	48	48	+ 6	WSW	3	0	1	54	41	0.07
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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	29.41	57	51	NNW	6	0	3	Valentia	30.00	57	53	W	4	bc	4
Sumburgh Head	29.53	54	49	NNW	4	0	3	Scilly	30.04	60	58	W	3	0	4
Stornoway	29.62	52	52	W	1	+	1	Dover	29.85	57	55	NW	5	bc	3
Aberdeen	29.67	57	51	NNW	3	0	1	London	29.98	60	52	NN	3	bc	1
Shields	29.78	57	51	NNW	5	0	2	Yarmouth	29.77	56	50	NW	5	bc	3
Ardrossan	29.76	56	52	W	2	0	1	Jersey	30.06	60	54	NN	4	bc	4
Mullaghmore	29.87	55	52	NNW	5	0	5	Rochefort	30.11	65	59	NNW	1	bc	2
Holyhead	29.89	57	53	W	4	bc	4								

The weather is very fine this afternoon except on our NW coast, pressure has increased except at Rosnauy and the wind is generally moderate from W. to NW. Temperature is rather low.

### 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 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.







# DAILY WEATHER REPORT

22<sup>ND</sup> SEPT<sup>R</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 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	29.95	54	S	2	3	29.94	+ .03	53	53	+ 1	2	0	f	*	55	50	—		
Hernösand	29.91	52	2	0	0	29.97	+ .17	51	50	— 6	SSW	2	0	*	57	46	0.12		
Stockholm	29.90	54	2	0	0	29.99	+ .25	56	53	+ 1	SSW	2	0	*	60	50	—		
Wisby	29.83	54	SSE	2	0	29.93	+ .24	54	52	0	SE	2	c	*	62	45	—		
Bodö	29.72	57	E	2	0	29.71	+ .01	51	46	— 4	E	2	b	0	59	50	—		
Christiansund	29.49	55	SE	2	b	29.54	+ .05	54	49	+ 5	WSTN	3	+	2	59	45	—		
† Skudesnaes	29.67	56	SSW	7	0	29.68	+ .12	54	51	0	SSE	6	r	5	59	54	—		
Oxö (Xiansund)	29.79	52	SW	2	r	29.79	+ .17	57	54	+ 7	SSW	4	0	3	59	?	0.24		
Skagen (The Skaw)	29.87	55	SSW	2	b	29.90	+ .28	54	51	+ 2	S	4	b	3	59	48	—		
Fanö	29.92	55	WSTN	2	c	29.89	+ .17	56	54	+ 4	SW	4	0	*	59	50	0.04		
Cuxhaven														*					
† Sumburgh Head	29.48	52	W	5	0	29.53	+ .17	52	51	0	W	4	b	4	56	45	0.39		
† Stornoway	29.65	52	W	5	+	29.70	+ .14	51	51	— 1	W	3	b	3	58	47	0.46		
Wick	29.64	52	W	3	0	29.65	+ .10	53	52	+ 1	W	2	b	2	58	46	0.05		
Nairn	29.68	53	W	2	0	29.72	+ .07	51	49	+ 1	W	1	c	1	58	49	0.06		
† Aberdeen	29.69	59	W	1	0	29.72	+ .06	51	49	+ 1	WSTN	1	c	1	63	49	0.03		
Leith	29.78	56	W	3	0	29.76	+ .04	51	50	— 1	WSTN	1	0	*	64	46	0.05		
† Shields	29.83	56	W	3	c	29.75	— .02	52	52	+ 2	S	1	d	2	61	47	0.37		
Spurn Head	29.88	57	WSTN	3	c	29.79	— .05	55	55	+ 1	SW	5	0	4	62	54	0.12		
York	29.90	56	W	3	0	29.76	— .07	54	54	+ 3	SW	1	m	*	64	49	0.15		
Nottingham	29.95	56	ENE	1	0	29.85	— .03	60	59	+ 7	SW	3	0	*	64	52	0.02		
† Ardrossan	29.82	56	WSTN	2	0	29.78	+ .03	53	52	— 1	2	0	0	0	61	51	0.39		
† Mullaghmore	29.85	56	SSW	3	0	29.83	— .04	57	56	+ 4	W	3	c	2	59	52	0.61		
Donaghadee	29.89	56	W	2	0	29.81	— .02	54	54	0	WSTN	3	0	1	62	52	0.36		
Parsonstown	29.93	57	S	1	0	29.89	— .03	60	59	+ 8	SW	7	0	*	61	51	—		
Barrow-in-Furness	29.89	57	W	3	c	29.74	— .08	60	59	+ 5	WSTN	7	0	6	62	54	0.44		
† Holyhead	29.93	57	SW	2	0	29.85	— .01	60	59	+ 5	WSTN	4	m	3	60	?	0.06		
Liverpool (Bidston)	29.93	57	W	2	0	29.79	— .06	61	59	+ 9	WSTN	7	0	4	?	61	52	0.05	
† Valentia	29.97	58	SSW	4	0	29.95	+ .02	60	60	+ 2	SW	6	0	6	65	57	0.02		
Roches Point	29.95	58	W	4	b	29.99	+ .09	61	58	+ 1	W	4	c	4	64	57	—		
Pembroke	?	?	?	?	?	29.88	+ .02	59	59	+ 1	WSTN	4	f	4	61	55	0.01		
† Scilly	30.08	58	WSTN	3	f	30.08	+ .13	60	60	0	WSTN	4	0	4	61	56	0.01		
Prawle Point	30.01	60	WSTN	3	b	30.08	+ .14	58	58	0	WSTN	4	f	4	65	52	0.01		
Hurst Castle	29.96	62	2	0	b	30.04	+ .12	60	58	+ 3	WSTN	3	c	3	66	54	0.03		
† Dover	29.95	59	NE	1	0	29.98	+ .05	57	56	+ 5	W	5	b	4	59	52	0.05		
† London	29.96	54	WSTN	1	b	29.98	+ .05	58	56	+ 5	WSTN	3	0	*	60	49	0.03		
Oxford	30.00	53	WSTN	1	c	29.95	+ .05	58	57	+ 6	WSTN	3	0	*	62	52	0.03		
Cambridge	29.96	55	SW	1	0	29.90	+ .01	58	56	+ 7	SW	2	0	*	61	49	0.06		
† Yarmouth	29.94	56	WSTN	1	b	29.90	+ .02	55	54	+ 4	SW	3	0	2	59	50	0.07		
The Helder	29.97	54	WSTN	1	b	29.95	+ .11	52	51	— 3	S	3	+	2	59	50	—		
Cape Gris Nez																			
† Jersey	30.05	59	WSTN	3	0	30.14	+ .13	57	57	— 1	WSTN	3	0	3	63	55	0.06		
Brest	30.10	57	W	3	0	30.15	+ .08	55	55	— 4	WSTN	3	0	3	63	55	—		
Lorient	30.08	60	WSTN	4	c	30.15	+ .09	55	55	— 4	WSTN	3	m	2	64	54	—		
† Rochefort	30.13	62	WSTN	5	0	30.17	+ .04	63	63	+ 1	W	5	b	2	70	59	0.04		
Biarritz	30.17	65	W	3	b	30.17	— .02	63	61	— 2	ESE	3	0	3	70	61	0.04		
Corunna	*	*	*	*	*									*	*	*			
Brussels	*	*	*	*	*	30.04	+ .09	54	54	+ 3	SW	3	f	*	57	50	—		
Charleville	29.99	55	SW	3	r	30.14	+ .13	54	52	+ 7	S	1	0	*	55	45	0.35		
Paris	30.02	62	WSTN	1	0	30.15	+ .09	60	58	+ 5	WSTN	1	0	*	*	*	—		
Lyons														*	*	*	—		
Toulon	29.98	64	W	8	b	?	?	64	54	+ 10	?	8	b	7	68	52	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.65	50	WSW	4	0	28.51	— .08	56	56	+ 8	W	6	rw	*	56	48	0.45		

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

Hawes Junction	29.65	50	WSTN	4	0	29.51	— .08	56	56	+ 8	W	6	0	56	48	0.45
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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 ...	29.61	56	51	SSW	8	7	4	Valentia ...	29.96	65	61	SW	2	62	3
Sumburgh Head	29.42	54	52	WNW	4	c	4	Scilly ...	29.98	60	60	W	3	61	4
Stornoway ...	29.61	57	53	WN	3	0	3	Dover ...	29.98	55	55	SW	1	57	1
Aberdeen ...	29.66	61	53	WNW	2	0	1	London ...	29.92	55	55	SE	1	57	1
Shields ...	29.80	58	54	WNW	4	c	2	Yarmouth ...	29.91	58	54	WNW	2	62	2
Ardrossan ...	29.78	59	55	W	3	c	2	Jersey ...	30.02	62	61	W	4	65	4
Mullaghmore ...	29.87	58	54	W	4	0	3	Rochefort ...	30.13	67	64	WN	5	70	2
Holyhead ...	29.90	58	55	WNW	2	c	2								

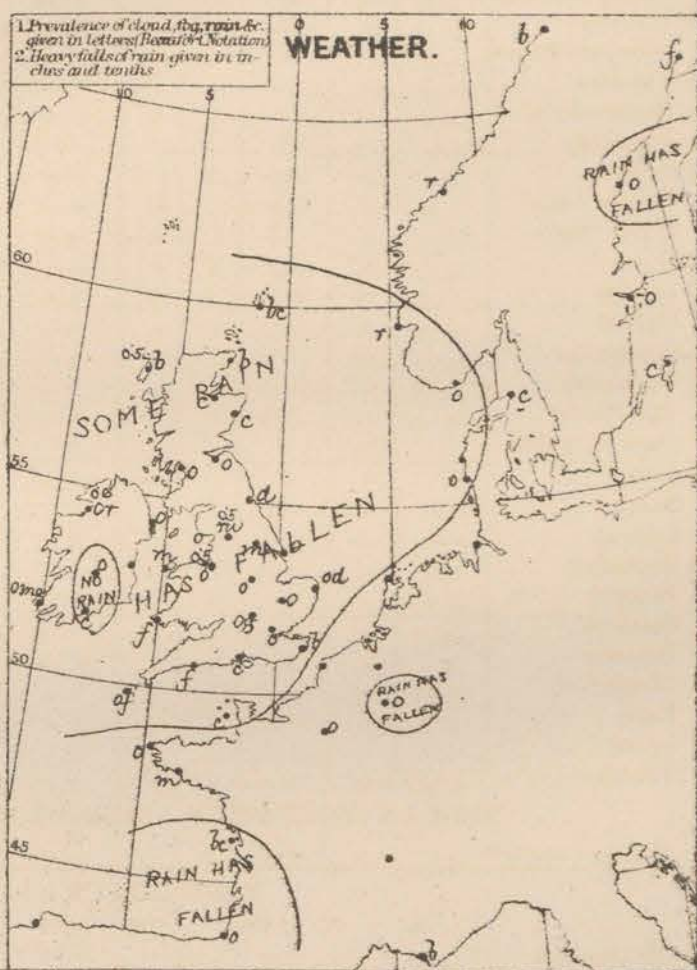
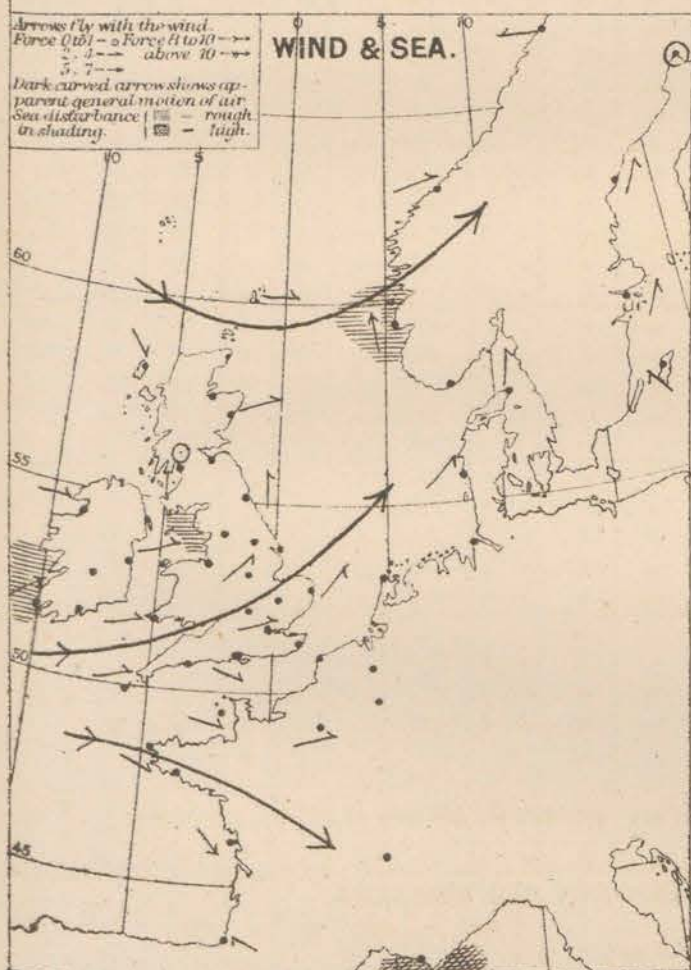
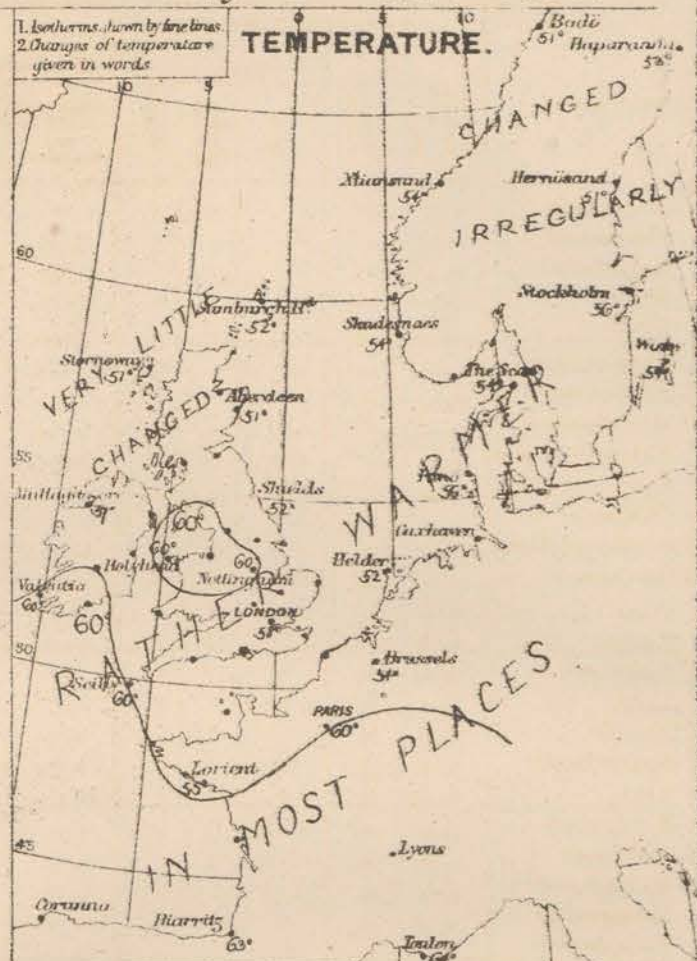
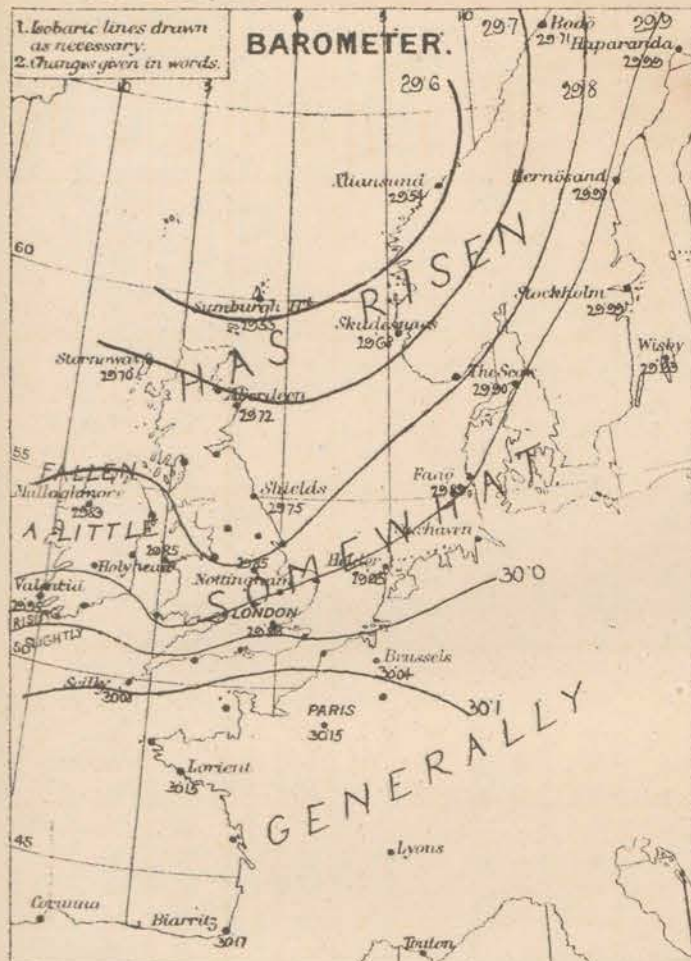
The depression noticed in the W this morning is travelling across England in an E direction; but there are indications of another depression advancing towards Ireland. Weather is very changeable and unsettled.

## EXPLANATION OF COLUMNS

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (1st); 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 22<sup>nd</sup> SEPT<sup>r</sup> 1880.



**REMARKS.** Barometric pressure this morning varies from 30.2 ins in the south west of France to 29.5 ins at Scarborough <sup>W</sup> and in the west of Norway near to which district is an area of low pressure. Subsiding disturbances are passing in an E<sup>ly</sup> direction over our Islands, making the gradients for S<sup>W</sup> and N<sup>E</sup> winds irregular, and the winds somewhat variable. Temperature has increased generally, especially over England and Ireland, and readings now vary from 58° to 61° over our southern and south western districts. The maximum values yesterday varied from 60° to 65° at the English stations. W<sup>at</sup> are found at the Dutch stations this morning, with fair weather, but over England and Ireland the wind is S<sup>W</sup> and blows strongly at our western and north western stations, while the weather is dull with rain in places. Rain has fallen very generally in the past 24 hours, most in the extreme north and north-west. The sea is rough at Valentia, generally moderate or slight elsewhere.

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

R. H. SCOTT.  
Secretary.

January 1940 - 27 Dec 1940



# DAILY WEATHER REPORT

23<sup>RD</sup> SEPT

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	29.95	54	S	2	r	29.96	-03	50	50	-3	2	0	0	*	57	48	0.28		
Hernösand	29.99	52	S	2	δ	29.90	-07	53	52	+2	SE	2	0	*	61	53	-		
Stockholm	29.93	50	2	0	δ	29.84	-15	52	51	-4	E	2	0	*	64	48	-		
Wisby	29.90	51	SSW	2	0	29.86	-07	52	51	-2	SE	1	0	*	63	48	-		
Bodö	29.74	50	E	2	δ	29.76	+05	50	45	-1	NE	2	δ	1	57	46	-		
Christiansund	29.60	54	N	2	c	29.67	+13	52	49	-2	WSW	4	0	3	61	43	0.16		
† Skudesnaes	29.86	54	NNW	4	0	29.80	+12	52	50	-2	NW	4	r	3	54	?	-		
Oxö (Klansund)	29.70	52	NNW	2	δ	29.79	00	50	49	-7	N	2	δ	2	57	46	0.63		
Skagen (The Skaw)	29.78	54	WSW	6	r	29.80	-10	54	52	0	WSW	2	δ	1	57	45	0.24		
Fanö	29.77	52	NNW	4	c	29.90	+21	56	52	0	NNW	4	c	*	57	48	1.46		
Cuxhaven	29.85	55	S	5	r	29.97		59	56		NNW	4	0	*	?	48	0.23		
† Sumburgh Head	29.68	51	NW	5	δ	29.96	+43	51	49	-	NNW	4	c	4	56	48	0.06		
† Stornoway	29.87	54	NW	1	δ	30.01	+31	50	50	-1	2	0	r	0	58	47	0.05		
Wick	29.80	51	NW	4	0	30.03	+38	52	52	-0	NW	1	0	1	59	45	0.03		
Nairn	29.89	55	N	2	δ	30.02	+33	52	50	+1	2	0	0	1	59	51	-		
† Aberdeen	29.87	59	NW	1	c	30.05	+39	54	51	+3	NW	1	c	1	63	49	-		
Leith	29.90	59	WSW	1	0	30.06	+30	52	51	+1	NNW	1	r	*	61	49	0.01		
† Shields	29.92	58	N	2	c	30.07	+32	53	52	+1	NNW	1	0	2	61	51	-		
Spurn Head	29.94	57	2	0	r	30.09	+30	55	54	0	N	3	δ	2	63	54	0.02		
York	29.95	59	N	1	0	30.10	+34	52	52	-2	N	1	c	*	64	46	0.01		
Nottingham	29.98	61	NW	1	0	30.14	+29	58	57	-2	2	0	c	*	69	51	0.06		
† Ardrossan	29.94	56	NW	2	c	30.08	+28	53	52	0	SE	1	rf	0	59	49	0.02		
† Mullaghmore	29.98	58	NNW	3	δ	30.06	+28	59	58	+2	SSW	4	om	2	62	54	0.03		
Donaghadee	29.98	57	N	2	0	30.08	+26	55	55	+1	S	1	*	0	60	49	0.04		
Parsonstown	30.00	61	N	3	0	30.14	+25	59	57	-1	N	2	0	*	64	57	0.07		
Barrow-in-Furness	29.97	57	NW	3	0	30.14	+35	54	52	-6	SSE	2	f	3	60	52	-		
† Holyhead	29.95	58	NNW	2	r	30.16	+25	60	59	0	SW	1	m	1	60	52	0.28		
Liverpool (Bilston)	29.96	56	2	0	0	30.11	+32	55	55	-6	S	1	0	1	61	53	0.29		
† Valentia	30.06	61	WSW	4	c	30.14	+19	59	58	-1	S	3	om	4	62	57	-		
Roche's Point	30.08	64	N	4	c	30.15	+16	60	58	-1	N	3	0	3	66	58	-		
Pembroke	30.01	59	WSW	4	f	30.17	+24	58	58	-1	WSW	3	f	4	60	57	0.01		
† Scilly	30.16	59	WSW	4	0	30.19	+11	58	58	-2	SW	2	0	4	62	56	-		
Prawle Point	30.14	57	N	4	f	30.21	+13	58	58	-3	NNW	4	0	3	59	56	0.02		
Hurst Castle	30.07	61	N	4	c	30.15	+11	62	61	+2	NNW	2	c	3	65	60	-		
† Dover	30.03	61	WSW	4	δ	30.10	+12	62	61	+5	NNW	2	cg	1	64	57	-		
† London	30.03	63	WSW	2	c	30.13	+15	61	60	+3	NW	1	f	*	71	58	0.02		
Oxford	30.05	61	WSW	5	0	30.14	+49	59	58	+1	NNW	1	od	*	68	57	0.05		
Cambridge	29.99	63	WSW	1	0	30.13	+23	57	57	-1	NW	1	cm	*	68	55	0.02		
† Yarmouth	29.95	60	NNW	3	od	30.10	+20	57	56	+2	NNW	1	c	2	64	54	0.09		
The Helder	29.94	59	NW	3	δ	30.05	+10	59	58	+7	NW	1	δ	1	63	52	0.02		
Cape Gris Nez	30.07	62	S	7	c	30.10		61	61		NNW	4	0	3	64	54	-		
† Jersey	30.20	60	N	2	δ	30.24	+10	56	56	-1	NNW	2	0	2	62	55	0.04		
Brest	30.21	59	SW	1	0	30.25	+10	57	55	+2	NE	1	0	2	61	54	-		
Lorient	30.24	55	SW	1	δ	30.19	+10	58	58	+3	E	1	δ	1	61	54	-		
† Rochefort	30.17	65	NNW	4	δ	30.16	-01	59	58	-4	E	3	δ	2	72	54	-		
Biarritz	30.11	70	E	3	δ	30.18	-07	57	50	-6	SE	4	m	2	79	54	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.09	+5	57	57	+3	NE	1	r	*	65	?	0.08		
Charleville	29.65	59	SW	4	0	30.19	+05	59	57	+5	N	1	f	*	67	54	-		
Paris	30.16	62	2	0	δ	30.18	+03	60	58	0	NW	1	0	*	*	*	-		
† Lyons	30.15	62	NNW	1	δ	30.18	00	57	55	0	NNW	1	δ	*	73	50	-		
Toulon	30.04	65	2	0	δ	30.06	?	66	60	+2	NE	1	δ	1	78	59	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																			
Hawes Junction	28.71	53	WSW	3	δ	28.86	+35	51	51	-5	SW	2	0	*	58	47	0.02		

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

Hawes Junction	29.71	53	WSW	3	δ	29.86	+25	51	51	-5	SW	2	0	58	47	0.02		
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	29.67	54	52	SSW	2	r	5	Valentia ...	30.02	61	61	WSW	5	ogd	5
Sumburgh Head	29.61	54	51	NW	4	c	4	Scilly ...	30.12	62	61	WSW	4	of	4
Stornoway ...	29.78	57	54	NW	4	c	3	Dover ...	30.11	63	61	WSW	4	δ	4
Aberdeen ...	29.78	61	55	NNW	2	c	1	London ...	29.98	68	64	W	4	c	•
Shields ...	29.82	57	55	NNW	2	c	2	Yarmouth ...	29.88	63	60	WSW	4	c	2
Ardrossan ...	29.85	58	55	SW	3	0	2	Jersey ...	30.19	60	59	W	2 <sup>+</sup>	of	3
Mullaghmore ...	29.90	60	59	W	2	00	2	Rochefort ...	30.19	67	64	NW	3	δ	2
Holyhead ...	29.93	59	58	W	2	0	2								

The weather is more or less cloudy except at Dover, and slight rain is falling at Holyhead and Valentia. The wind is NW to N and moderate or light in force generally. Pressure is increasing but the change in the SW has been very slight during the past hour.

### EXPLANATION OF COLUMNS.

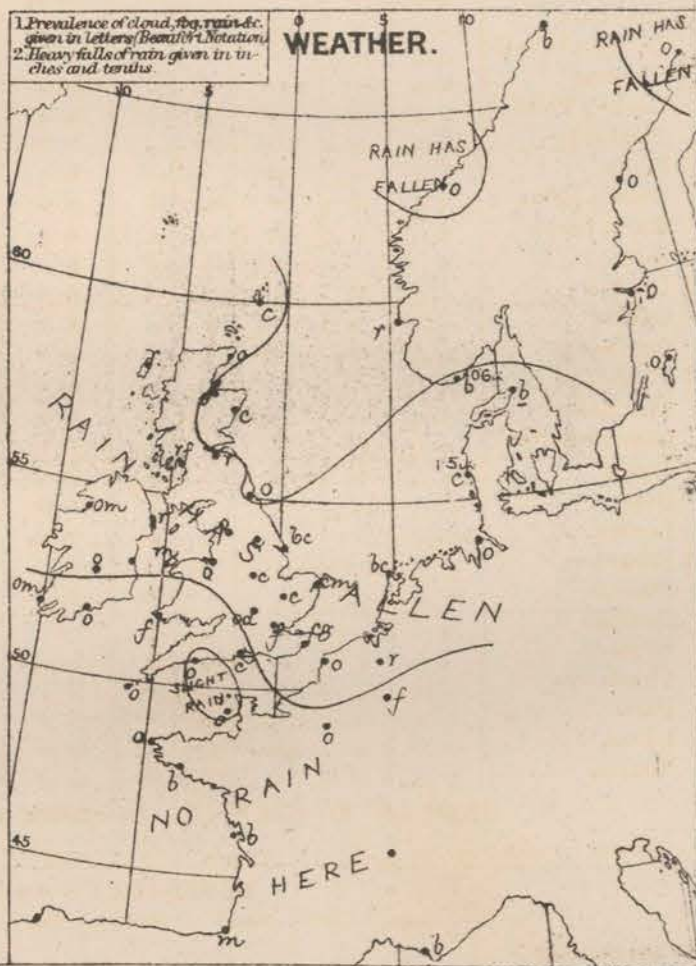
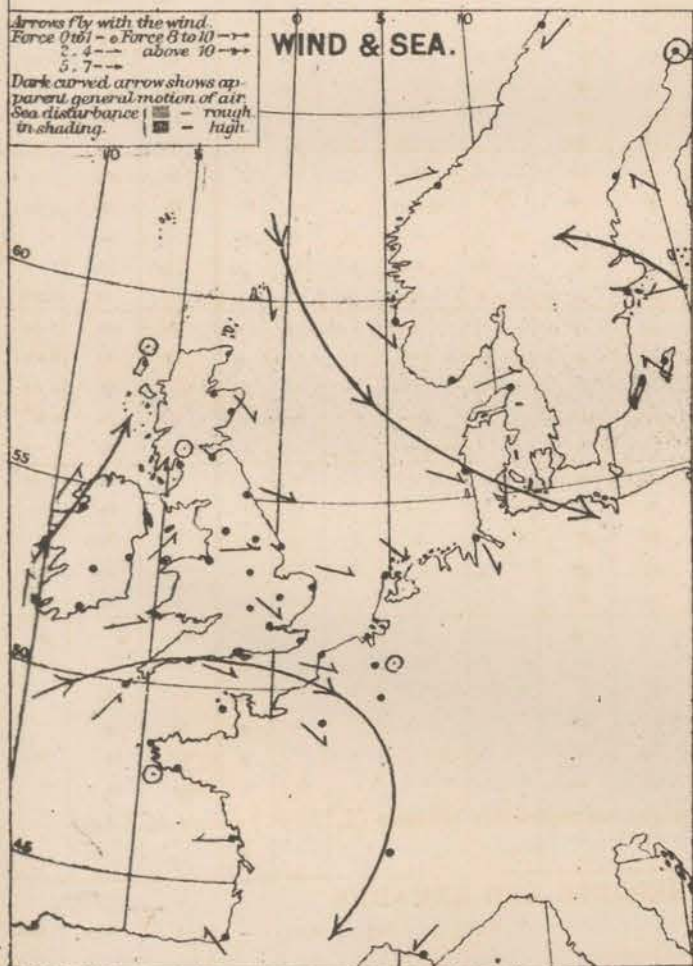
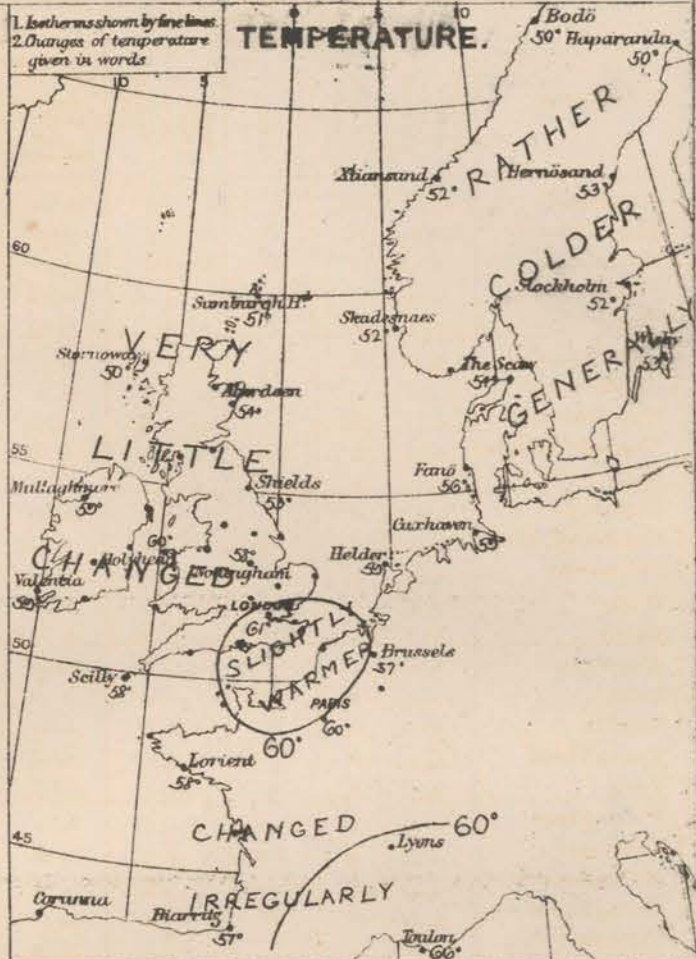
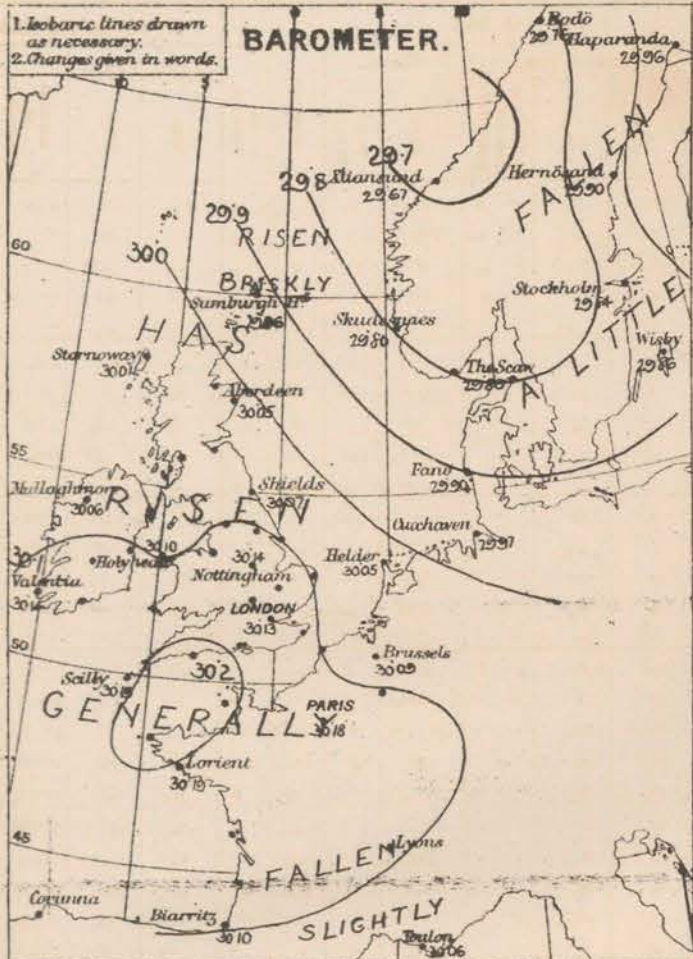
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK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

† Received too late for insertion in Chart.



## WEATHER CHARTS

for 8 a.m. on Thursday 23<sup>rd</sup> SEPT<sup>R</sup> 1880.



REMARKS. There is very little change to report in the weather over Western Europe, pressure being still highest in the south and south west, and lowest in the north. The gradients, however, are more uniform than they have been of late, and the barometer is rising generally. Shallow subsidiary depressions continue to travel across our Islands in an E<sup>ly</sup> direction. Temperature has again risen slightly in the south east of England and is now above 60° over our southern counties. Maxima were recorded yesterday as high as 71° in London, 68° at Nottingham and 65° at Oxford and Cambridge, and in most places the night was mild. The wind is light and very variable over England and Scotland, but has backed to the S<sup>W</sup> again in Ireland during the night. Rain has fallen in almost all places, but except in North Wales the fall has been slight. On the eastern shores of the North Sea, however, there has been a heavy fall, amounting to 1.5 in. at Farns. The sky is overcast generally, with fog or haze in several places, and rain at Stensway. The sea is moderate on our south west coasts, slight or smooth elsewhere.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

24<sup>TH</sup> SEPT.

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	29.77	55	S	2	o	29.78	— 18	49	48	— 1	SW	2	o	*	57	46	—		
Hernösand	29.88	46	Z	0	o	29.88	— 02	43	42	— 10	Z	0	e	*	64	41	0.24		
Stockholm	29.78	52	SE	2	o	29.78	— 06	53	50	+ 1	ESE	2	o	*	61	46	—		
Wisby	29.81	54	SW	2	o	29.77	— 09	57	54	+ 4	Z	0	e	*	63	45	—		
Bodö	29.76	49	E	2	o	29.75	— 01	45	43	— 5	Z	0	e	o	57	41	—		
Christiansund	29.75	52	WSW	3	o	29.82	+ 15	52	49	0	W	4	c	3	54	43	0.55		
Skudesnaes	29.91	53	NNW	4	r	29.94	+ 14	52	50	0	NNW	2	r	3	?	52	—		
Oxö (Xiansund)	29.85	52	NNW	4	b	29.88	+ 09	50	48	0	W	4	b	2	61	46	—		
Skagen (The Skaw)	29.80	55	NNW	2	b	29.86	+ 06	56	50	+ 2	NNW	3	b	1	59	48	—		
Fanö	29.95	53	NNW	4	e	29.96	+ 06	55	52	— 1	NNW	3	c	*	59	50	—		
Cuxhaven	30.03	58	N	3	b	30.02	+ 05	58	55	— 1	N	3	b	*	59	54	—		
Sumburgh Head	30.00	50	SW	3	e	30.00	+ 04	50	48	— 1	NE	1	o	0	54	46	—		
Stornoway	30.00	53	E	2	od	29.91	— 10	56	56	+ 6	S	1	o	0	50	50	0.30		
Wick	30.05	51	NNW	1	o	29.99	— 04	53	53	0	S	3	r	3	50	50	0.03		
Nairn	30.04	53	Z	0	r	29.97	— 07	53	50	+ 1	Z	0	og	1	56	52	0.31		
Aberdeen	30.06	56	SSE	1	o	29.99	— 06	54	53	0	Z	0	o	0	59	51	0.19		
Leith	30.07	52	E	1	r	30.01	— 05	56	55	+ 4	W	1	o	*	57	51	0.30		
Shields	30.09	53	ENE	1	o	30.04	— 03	56	55	+ 3	W	1	o	2	58	50	0.02		
Spurn Head	30.09	58	NNW	1	o	30.07	— 02	58	56	+ 3	WSW	3	o	2	63	54	—		
York	30.09	58	SSW	1	a	30.08	— 02	58	57	+ 6	W	1	o	*	63	52	0.08		
Nottingham	30.12	62	Z	0	o	30.11	— 03	58	57	0	SSW	1	o	*	68	50	0.01		
Ardrossan	30.06	50	Z	0	of	30.01	— 05	57	56	+ 4	Z	0	o	0	57	50	0.05		
Mullaghmore	30.07	60	W	3	b	29.99	— 07	58	55	— 1	S	3	o	2	66	56	—		
Donaghadee	30.09	59	WSW	2	e	30.05	— 03	57	55	+ 2	SW	2	e	0	66	54	0.01		
Parsonstown	30.11	61	S	1	o	30.05	— 09	56	54	— 8	SSE	1	o	*	65	54	—		
Barrow-in-Furness	30.12	59	WSW	2	o	30.09	— 03	58	57	+ 4	SW	2	b	3	60	52	0.05		
Holyhead	30.12	61	SW	1	og	30.08	— 02	58	57	— 2	SW	3	c	3	68	57	—		
Liverpool (Bilston)	30.12	59	W	1	e	30.09	— 02	57	55	+ 2	SSW	1	b	1	61	55	0.01		
Valentia	30.10	59	SSE	4	op	30.00	— 14	57	55	— 2	SE	5	rmg	5	63	56	0.06		
Roche's Point	30.15	62	SW	3	o	30.06	— 09	59	57	— 1	SW	4	rm	4	60	57	0.05		
Pembroke	30.15	57	WSW	1	a	30.12	— 03	57	55	— 1	SW	2	o	2	59	55	0.03		
Scilly	30.19	58	SW	1	o	30.11	— 08	58	56	0	SE	3	o	3	62	54	0.01		
Prawle Point	30.20	57	W	2	m	30.16	— 05	56	56	— 2	S	1	m	1	67	54	—		
Hurst Castle	30.13	62	NNW	2	e	30.13	— 02	58	57	— 4	N	2	om	2	68	56	—		
Dover	30.13	61	SW	1	b	30.10	— 03	61	59	— 1	N	2	b	1	66	60	—		
London	30.12	65	NNW	1	o	30.14	+ 01	60	55	— 5	W	1	of	*	70	54	—		
Oxford	30.14	62	SW	1	o	30.13	— 01	55	55	— 4	Z	0	of	*	68	51	0.01		
Cambridge	30.13	63	Z	0	o	30.12	— 01	57	56	0	Z	0	o	*	67	53	—		
Yarmouth	30.13	60	NNW	1	b	30.10	— 03	58	57	+ 1	NNW	2	b	2	63	55	—		
The Helder	30.08	60	NNW	1	e	30.07	+ 02	56	55	— 3	ESE	1	o	1	63	57	—		
Cape Gris Nez	30.16	60	Z	0	b	30.12	+ 02	61	61	0	SW	3	m	1	66	52	—		
Jersey	30.22	57	NNW	1	om	30.18	— 06	57	57	+ 1	Z	0	om	0	59	55	0.02		
Brest	30.20	59	N	3	c	30.13	— 12	55	55	— 2	E	4	m	3	63	55	—		
Lorient	30.16	62	W	1	b	30.13	— 06	55	54	— 3	E	4	f	2	70	52	—		
Rochefort	30.10	70	NE	4	b	30.08	— 08	59	58	0	ENE	4	b	0	?	59	—		
Biarritz	30.06	69	N	3	e	30.06	— 04	67	63	+ 10	W	5	o	2	77	?	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.12	+ 03	57	56	0	NE	1	f	*	62	58	0.04		
Charleville	30.12	59	SE	1	o	30.14	— 05	52	50	— 7	SE	1	o	*	66	49	—		
Paris	30.16	63	Z	0	o	30.19	+ 01	62	59	+ 2	N	2	o	*	*	*	—		
Lyons	30.12	61	NNW	1	b	30.06	— 12	62	59	+ 5	NNW	3	c	*	69	55	—		
Toulon	29.91	66	WSW	7	b	29.92	— 14	60	59	— 6	W	1	b	1	70	?	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.87	53	WSW	2	o	28.84	— 02	53	52	+ 2	WSW	3	o	*	56	51	0.03		

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

Hawes Junction	29.87	53	WSW	2	o		29.84	— 07	53	52	+ 2	WSW	3	o	*	56	51	0.03
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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 ...	29.88	56	51	NN	5	c	3	Valentia ...	30.13	60	58	SSE	4	o	4
Sumburgh Head	29.98	51	49	NNW	4	b	4	Scilly ...	30.20	61	58	S	2	o	2
Stornoway ...	29.92	54	52	ESE	1	o	1	Dover ...	30.14	64	60	NE	2	b	1
Aberdeen ...	30.06	58	54	Z	0	o	1	London ...	30.13	66	62	N	2	c	•
Shields ...	30.09	57	54	NE	1	o	2	Yarmouth ...	30.12	61	58	NNW	2	b	2
Ardrossan ...	30.07	55	54	SE	1	o	0	Jersey ...	30.24	59	57	NN	2	o	2
Mullaghmore ...	30.07	64	61	WSW	4	b	3	Rochefort ...	30.14	75	68	ENE	4	b	1
Holyhead ...	30.12	63	60	N	3	c	2								

A slight fall of the barometer is reported in the extreme W. and NW, accompanied by a backing wind and dull weather. In the SE of England the weather has improved considerably.

### EXPLANATION OF COLUMNS.

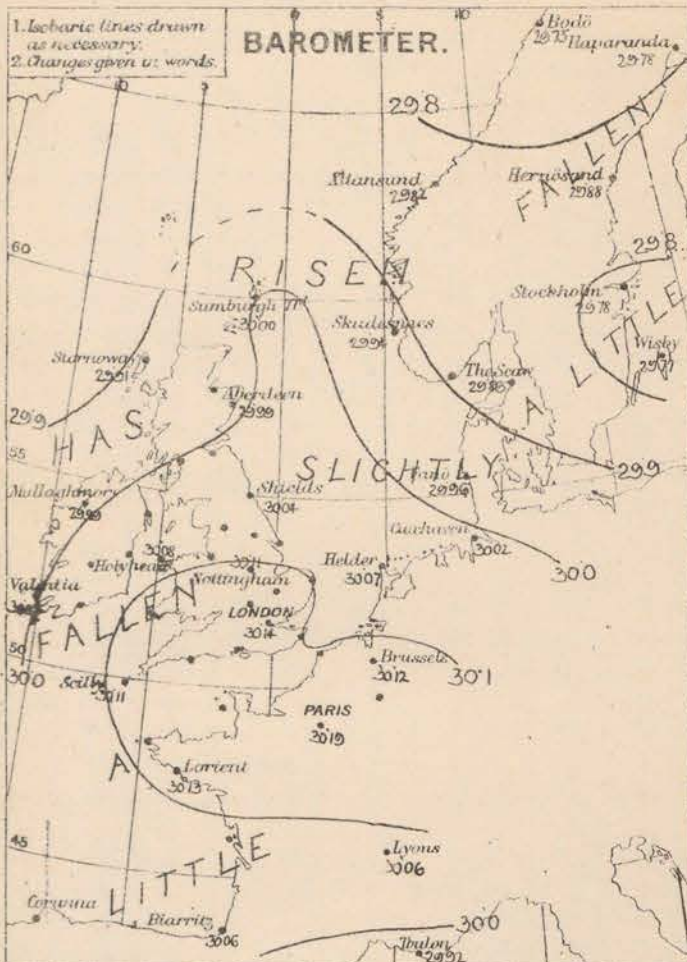
**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (mist); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK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



# WEATHER CHARTS for 8 a.m. on Friday 24<sup>th</sup> SEPT<sup>r</sup> 1880.

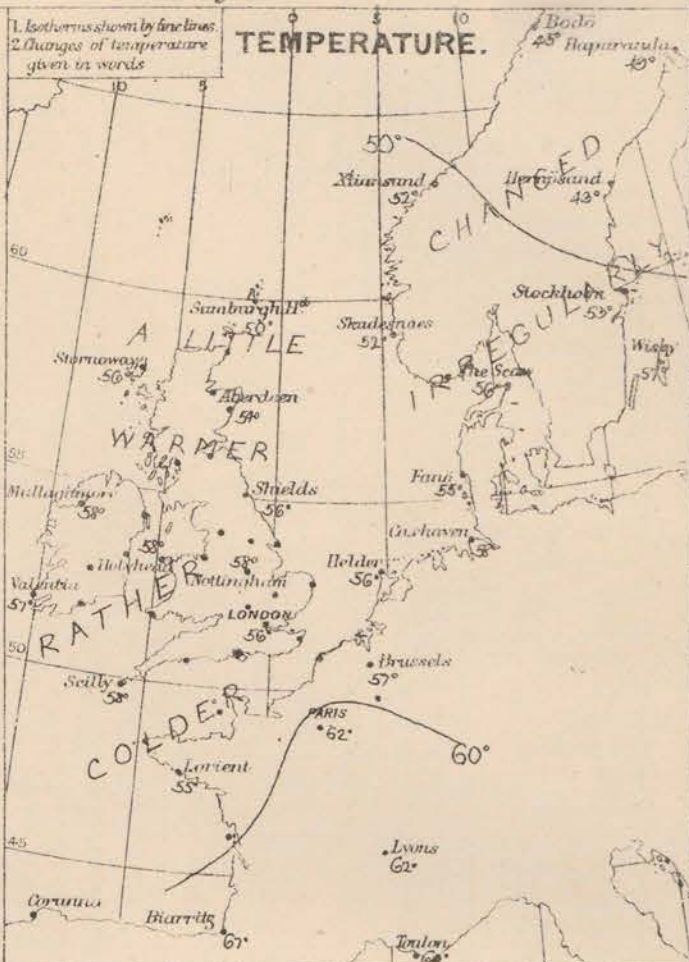
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



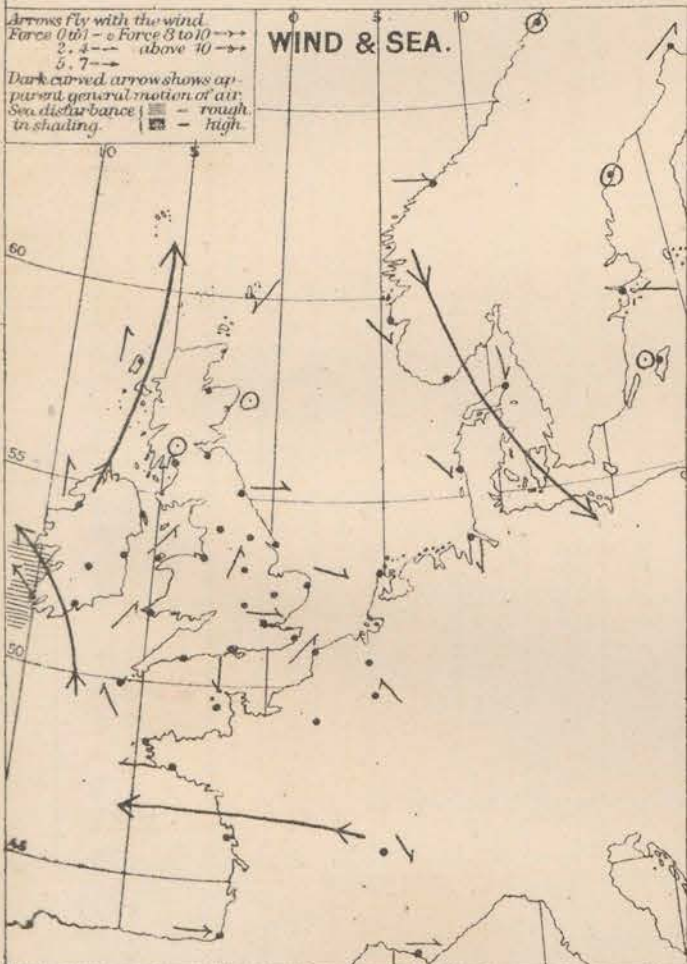
1. Isotherms shown by lines.  
2. Changes of temperature given in words.

## TEMPERATURE.



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

## WIND & SEA.



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

## WEATHER.



**REMARKS.** During the past night the barometer has begun to fall over the whole of the United Kingdom — most in the west, and pressure now varies from between 30.1 ins. and 30.2 ins. over the south of England and north of France to 29.9 ins. at Stornoway and to 29.8 ins. in the southern parts of Sweden. Temperature has risen in the north but fallen a little in the south and west of our Islands; readings are now very uniform between 53° and 58°. Maxima of 65° to 70° were recorded over England yesterday. Moderate to fresh S. breezes are prevailing at the Irish stations, calms in Scotland and SW breezes in the north of England, while variable air is reported in the south of England and north of France. A great deal of fog and haze prevails over the southern half of England, rain in the south of Ireland and at Wick, dull and cloudy weather in most other places. The sea is smooth or nearly so except off the south-west of Ireland.

Subscription for these charts payable in advance to cover delivery.

Delivery by hand 10/- per quarter.  
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Meteorological Office.  
116, Victoria Street, Westminster S.W.

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT 25<sup>TH</sup> SEPT<sup>R</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 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 15).			Max.	Min.		
Haparanda	29.85	46	Z	0	0	29.92	+ .14	41	41	- 8	Z	0	f	*	52	?	-	
Hernösand	29.97	42	Z	0	0	30.01	+ .13	47	45	+ 4	Z	0	c	*	54	36	-	
Stockholm	29.89	50	NNW	2	0	29.99	+ .21	46	45	- 7	NNW	2	f	*	57	?	0.28	
Wisby	29.83	53	NW	4	r	29.89	+ .12	52	53	- 3	ENE	2	0	*	63	46	0.16	
Bodö	29.84	49	SE	2	0	29.94	+ .19	44	41	- 1	Z	0	b	0	52	41	-	
Christiansund	29.95	52	N	3	r	29.99	+ .17	51	48	- 1	SW	1	c	4	55	41	0.08	
Skudesnaes	29.99	52	NNW	2	0	30.00	+ .06	51	50	- 1	ENE	2	c	2	57	?	-	
Oxö (Åland)	29.93	55	WNW	2	0	30.02	+ .14	50	47	0	NNW	2	b	2	61	46	-	
Skagen (The Skaw)	29.95	54	NNW	2	0	30.04	+ .18	55	52	- 1	Z	0	b	0	63	45	-	
Fanö	30.02	52	Z	0	c	30.04	+ .08	54	52	- 1	Z	0	b	*	63	45	-	
Cuxhaven	30.10	59	N	2	bc	30.08	+ .06	56	56	- 2	W	1	c	*	59	52	-	
Sumburgh Head	30.00	52	SE	2	0	29.91	- .09	53	53	+ 3	SSE	3	0	3	55	48	0.01	
Stornoway	29.90	55	S	4	r	29.85	- .06	56	56	0	S	4	r	3	59	54	0.45	
Wick	29.97	54	SE	1	r	29.90	- .09	55	55	+ 2	SW	1	d	2	57	41	0.46	
Nairn	29.96	59	Z	0	r	29.92	- .05	55	52	+ 2	Z	0	d	0	62	53	0.21	
Aberdeen	29.99	57	Z	0	0	29.94	- .05	56	54	+ 2	SSW	1	d	0	65	54	0.01	
Leith	30.00	61	WSW	1	0	29.96	- .05	54	54	- 2	ESE	1	of	*	64	52	0.03	
Shields	30.00	60	WSW	1	0	30.00	- .04	56	54	0	WSW	1	0	0	62	53	-	
Spurn Head	30.07	59	WSW	2	0	30.07	- .05	58	57	0	SW	1	og	0	63	56	-	
York	30.07	59	N	1	0	30.04	- .04	57	56	- 1	SW	1	b	*	64	54	-	
Nottingham	30.09	59	Z	0	0	30.08	- .03	58	56	0	N	2	0	*	64	55	-	
Ardrossan	30.00	57	SW	1	0	29.94	- .07	57	56	0	SSE	1	of	1	61	55	0.08	
Mullaghmore	29.95	60	S	3	0	29.96	- .04	57	57	- 1	W	2	omg	2	61	57	0.18	
Donaghadee	30.02	57	SW	3	0	29.97	- .08	58	58	+ 1	N	2	0	0	63	54	0.06	
Parsonstown	30.00	59	S	1	r	30.00	- .05	59	58	+ 3	WSW	1	0	*	62	55	0.05	
Barrow-in-Furness	30.08	58	NNW	2	0	30.01	- .08	56	55	- 2	SSE	3	od	3	63	56	0.01	
Holyhead	30.04	58	SW	3	0	30.02	- .06	58	57	0	SW	3	m	2	61	57	0.02	
Liverpool (Bidston)	30.06	58	WSW	1	0	30.04	- .05	57	55	0	SSE	1	0	1	61	55	-	
Valentia	29.97	59	SW	4	r	30.02	+ .02	58	57	+ 1	N	1	b	1	61	51	0.40	
Roche's Point	30.08	59	SW	4	r	30.05	- .01	60	59	+ 1	SW	3	f	3	62	58	0.06	
Pembroke	30.06	58	SSW	2	0	30.02	- .10	58	57	+ 1	SW	2	r	2	59	57	0.01	
Scilly	30.08	58	S	4	f	30.04	- .07	59	59	+ 1	SSW	4	ofpd	5	59	57	0.06	
Prawle Point	30.14	56	Z	0	bc	30.10	- .06	58	58	+ 2	SE	1	m	1	58	52	-	
Hurst Castle	30.10	60	N	2	0	30.09	- .04	59	57	+ 1	S	2	0	2	63	56	-	
Dover	30.12	62	Z	0	c	30.10	- .02	59	58	- 2	NNW	1	b	1	65	59	-	
London	30.08	60	Z	0	gf	30.11	- .03	60	57	+ 4	SW	1	b	*	67	54	-	
Oxford	30.10	59	Z	0	0	30.09	- .04	56	55	+ 1	S	1	0	*	62	54	-	
Cambridge	30.09	61	N	1	0	30.09	- .03	58	57	+ 1	N	1	cur	*	65	54	-	
Yarmouth	30.10	61	Z	0	bc	30.09	- .01	59	58	+ 1	N	2	bcn	1	64	56	-	
The Helder	30.07	60	NNW	1	0	30.08	+ .01	60	58	+ 4	NNW	1	c	1	60	?	-	
Cape Gris Nez	30.11	62	E	1	c	30.12	.00	61	60	0	N	1	0	0	68	59	-	
Jersey	30.16	58	NNE	1	0	30.18	- .05	59	59	+ 2	E	1	cm	1	61	55	-	
Brest	30.12	61	SSE	3	0	30.12	- .01	59	59	+ 4	SE	1	0	5	64	55	-	
Lorient	30.10	58	NNW	3	0	30.08	- .05	57	54	+ 2	E	3	m	1	63	54	-	
Rochefort	30.07	68	E	5	0	30.06	- .02	60	58	+ 1	ENE	4	b	1	75	54	-	
Biarritz	30.06	67	N	4	bc	30.06	.00	62	59	- 5	SSW	4	c	2	70	57	-	
Corunna	*	*	*	*	*	30.09	- .02	62	*	- 1	SW	1	b	1	*	*	*	
Brussels	*	*	*	*	*	30.12	.00	55	54	- 2	Z	0	f	*	65	50	-	
Charleville	30.10	63	NNW	1	0	30.13	- .01	52	49	0	E	1	b	*	69	48	-	
Paris	30.13	64	Z	0	0	30.13	- .06	58	55	- 4	NNE	1	0	*	*	*	-	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	30.03	66	Z	0	0	30.00	+ .08	61	59	+ 1	Z	0	b	0	66	59	-	

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

Hawes Junction	29.83	52	N	1	0	29.79	- .05	51	51	- 2	N	3	0	*	55	50	0.03
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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 ...	29.96	57	52	NN	4	c	2	Valentia ...	29.97	60	60	SE	5	mm	5
Sumburgh Head	30.00	53	50	ENE	2	c	1	Scilly ...	30.10	59	58	SE	3	o	3
Stornoway ...	29.91	57	57	S	4	r	3	Dover ...	30.13	64	59	E	2	bc	1
Aberdeen ...	29.99	58	56	SSE	1	o	0	London ...	30.12	63	61	NN	1	omg	*
Shields ...	30.04	61	58	N	1	o	1	Yarmouth ...	30.10	63	58	NN	1	bc	2
Ardrossan ...	30.01	61	59	SW	1	c	1	Jersey ...	30.08	59	58	Z	0	o	0
Mullaghmore ...	29.99	60	57	S	3	ag	2	Rochefort ...	30.08	75	68	ENE	5	b	2
Holyhead ...	30.07	60	57	SW	4	o	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 (base); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).  
 N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.







# DAILY WEATHER REPORT 26<sup>th</sup> SEPT<sup>r</sup> 1880.

STATIONS.	† YESTERDAY EVENING.						3 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.	Difference from 3 A.M. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.				
Haparanda	30.08	40	Z	0	f	30.17	+ 25	42	42	+ 1	Z	0	f	*	55	34	—		
Hernösand	30.13	40	Z	0	f	30.23	+ 22	45	44	— 2	Z	0	f	*	57	34	—		
Stockholm	30.12	47	N	2	b	30.20	+ 21	50	47	+ 4	NW	2	c	*	59	41	—		
Wisby	30.00	50	NNE	2	b	30.09	+ 20	54	51	0	ENE	2	b	*	59	43	—		
Bodö	30.02	49	Z	0	o	29.99	+ 25	46	44	+ 2	E	2	o	1	50	43	0.04		
Christiansund	30.02	52	ESE	1	o	30.01	+ 02	53	49	+ 2	ESE	2	e	3	57	43	—		
Skudesnaes	30.05	54	E	3	o	30.10	+ 10	55	52	+ 4	SSE	6	o	4	57	?	—		
Oxö (Xiänsund)	30.10	57	ESE	2	o	30.10	+ 14	53	52	+ 3	NNE	2	o	2	59	52	—		
Skagen (The Skaw)	30.13	54	Z	0	c	30.18	+ 14	52	50	— 1	Z	0	c	0	59	46	—		
Fanö	30.10	50	E	2	o	30.13	+ 09	54	53	0	SE	4	o	*	59	52	—		
Cuxhaven	30.11	59	E	1	o	30.16	+ 08	57	57	+ 1	SSW	1	f	*	59	54	0.01		
Sumburgh Head	29.91	53	S	2	f	29.93	+ 02	54	54	+ 1	S	2	o	3	59	50	0.03		
Stornoway	29.87	56	S	3	b	29.94	— 01	57	56	+ 1	S	6	m	6	61	53	—		
Wick	29.92	55	SW	1	o	29.95	+ 05	56	54	+ 1	SW	2	c	1	61	50	0.01		
Nairn	29.92	62	NSW	1	b	29.96	+ 04	54	52	— 1	Z	0	c	1	67	50	—		
Aberdeen	29.94	60	SSW	1	b	30.01	+ 07	59	57	+ 3	SSW	1	b	0	66	51	—		
Leith	29.97	60	NSW	1	b	30.05	+ 09	60	58	+ 6	Z	0	b	*	62	48	0.01		
Shields	29.99	62	N	1	o	30.11	+ 11	52	52	— 4	SW	1	f	0	62	51	—		
Spurn Head	30.02	60	SW	3	c	30.13	+ 11	58	58	0	SSW	2	m	1	61	56	0.01		
York	30.05	61	NSW	1	o	30.14	+ 10	57	57	0	Z	0	b	*	64	50	—		
Nottingham	30.09	60	SSW	1	c	30.17	+ 09	59	58	+ 1	NSW	1	c	*	66	56	—		
Ardrossan	29.99	59	ESE	1	o	30.05	+ 11	55	57	+ 1	SW	2	o	1	62	56	—		
Mullaghmore	29.97	61	SSW	2	b	29.98	+ 03	59	57	+ 2	SSW	5	ag	3	66	57	?		
Donaghadee	30.02	59	N	2	c	30.07	+ 10	57	57	— 1	SW	2	b	0	65	43	0.01		
Parsonstown	30.02	59	SW	1	b	30.07	+ 07	54	53	— 5	SSE	2	c	*	65	49	0.05		
Barrow-in-Furness	30.05	59	SW	2	o	30.14	+ 13	58	57	+ 2	ENE	2	o	3	60	56	0.07		
Holyhead	30.04	60	SSW	2	o	30.11	+ 09	59	58	+ 1	SSW	2	b	1	62	58	—		
Liverpool (Bilston)	30.05	60	NW	1	c	30.13	+ 09	59	56	+ 2	S	1	o	1	63	56	—		
Valentia	30.02	60	S	3	c	30.05	+ 03	61	59	+ 3	SSE	5	ag	5	64	57	0.01		
Roche's Point	30.05	60	SW	3	o	30.09	+ 04	60	59	0	SSW	3	o	3	66	56	—		
Pembroke	30.04	59	E	1	o	30.10	+ 08	57	57	0	SW	1	c	2	61	56	0.01		
Scilly	30.07	59	NSW	4	o	30.14	+ 20	59	58	0	Z	0	c	3	61	55	0.02		
Prawle Point	30.12	58	SW	1	m	30.18	+ 08	58	58	0	N	1	m	1	62	56	—		
Harst Castle	30.09	62	NSW	1	o	30.15	+ 06	61	60	+ 2	E	1	b	1	62	56	—		
Dover	30.10	61	NSW	1	b	30.17	+ 07	61	58	+ 2	NE	1	c	0	65	59	—		
London	30.10	62	NSW	1	o	30.16	+ 05	59	58	— 1	Z	0	b	*	67	54	—		
Oxford	30.10	60	Z	0	o	30.16	+ 07	59	58	+ 3	Z	0	f	*	63	45	—		
Cambridge	30.09	61	N	1	o	30.16	+ 07	59	58	+ 1	N	1	o	*	61	50	—		
Yarmouth	30.09	60	NNW	1	b	30.16	+ 07	59	58	0	Z	0	b	2	64	56	—		
The Helder	30.10	59	S	1	b	30.14	+ 06	59	57	— 1	SW	1	c	1	64	57	—		
Cape Gris Nez																			
Jersey	30.13	61	NNE	1	c	30.18	+ 20	62	60	+ 3	NE	1	b	1	63	57	0.01		
Brest	30.13	61	Z	0	c	30.17	+ 25	57	57	— 2	E	1	m	5	64	55	—		
Lorient.	30.08	61	NW	1	b	30.12	+ 04	59	57	+ 2	E	3	c	2	70	55	—		
Rochefort	30.08	67	NN	4	b	30.09	+ 03	60	59	0	NE	3	b	2	72	54	—		
Biarritz	30.08	68	N	3	c	30.10	+ 04	63	60	+ 1	SSW	3	c	3	72	59	—		
Corunna	*	*	*	*	*	30.10	+ 01	62	*	0	SW	1	c	1	*	*	*		
Brussels	*	*	*	*	*	30.18	+ 06	58	56	+ 3	SW	1	f	*	62	?	—		
Charleville	30.06	54	NE	+	b	?	?	50	47	— 2	NNW	1	b	*	72	48	—		
Paris	30.12	65	Z	0	o	30.18	+ 05	59	56	+ 1	NE	1	o	*	*	*	—		
Lyons	30.06	58	NNE	1	b	30.12		52	52		SSE	1	f	*	70	47	—		
Toulon	29.99	66	Z	0	b	30.04	+ 04	63	59	+ 2	Z	0	b	0	72	61	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.82	54	Z	0	f	28.90	+ 11	54	54	+ 3	Z	0	b	*	56	51	—		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	30.06	56	2	S	2	3	Valentia ...	30.03	64	60	SSW	4	b	4
Sumburgh Head	29.90	58	56	S	4	4	Scilly ...	30.05	60	60	SW	3	f	5
Stornoway ...	29.85	60	59	SW	5	4	Dover ...	30.10	64	61	WSW	1	b	0
Aberdeen ...	29.94	63	59	SSW	1	0	London	30.10	65	60	W	1	o	*
Shields ...	29.99	59	57	SW	2	2	Yarmouth	30.08	63	61	SSE	2	b	1
Ardrossan ...	29.97	61	59	SW	1	1	Jersey...	30.13	63	61	Z	0	o	0
Mullaghmore ...	29.98	62	59	W	2	2	Rochefort	30.06	69	65	NNW	3	o	1
Holyhead...	30.03	62	60	SSW	4	3								

*No change of importance has occurred since the morning.*

## EXPLANATION OF COLUMNS

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

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

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

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

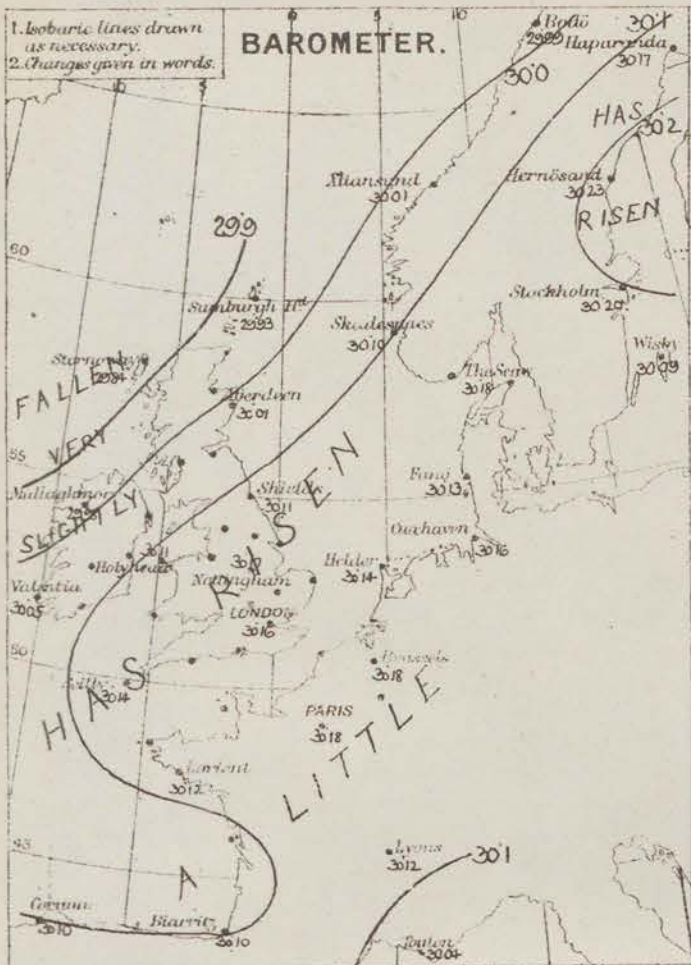
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Sunday 26<sup>th</sup> SEPT<sup>r</sup> 1880.

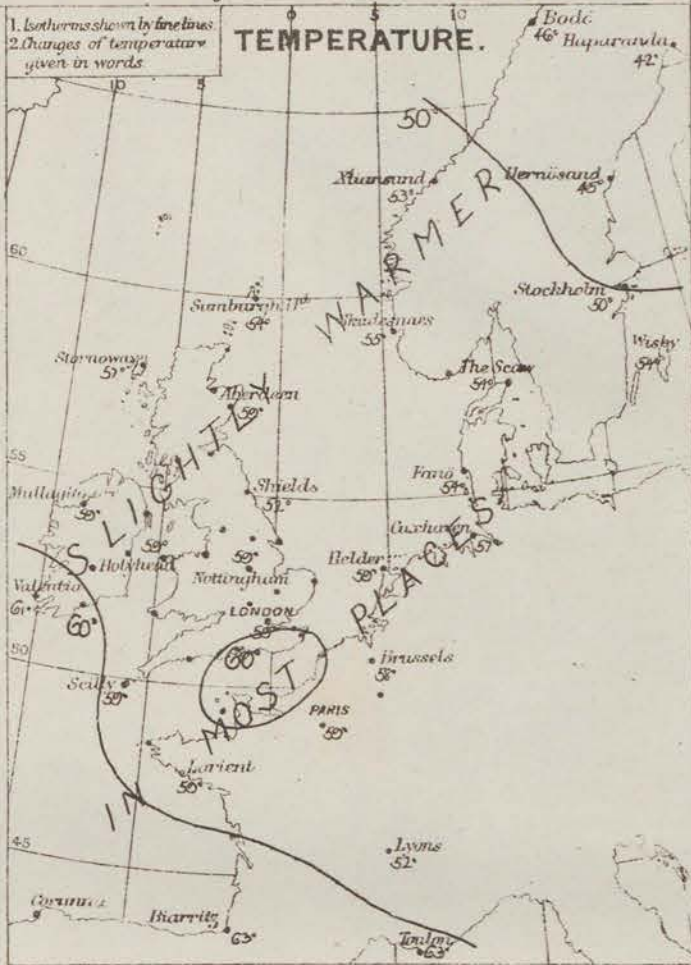
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



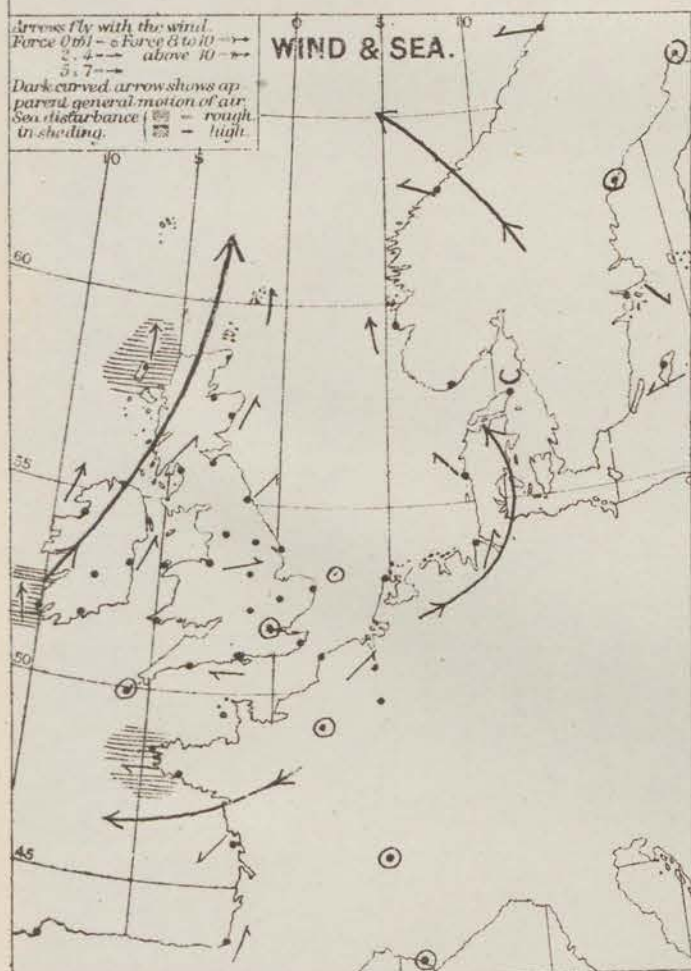
1. Isotherms shown by lines.
2. Changes of temperature given in words.

## TEMPERATURE.



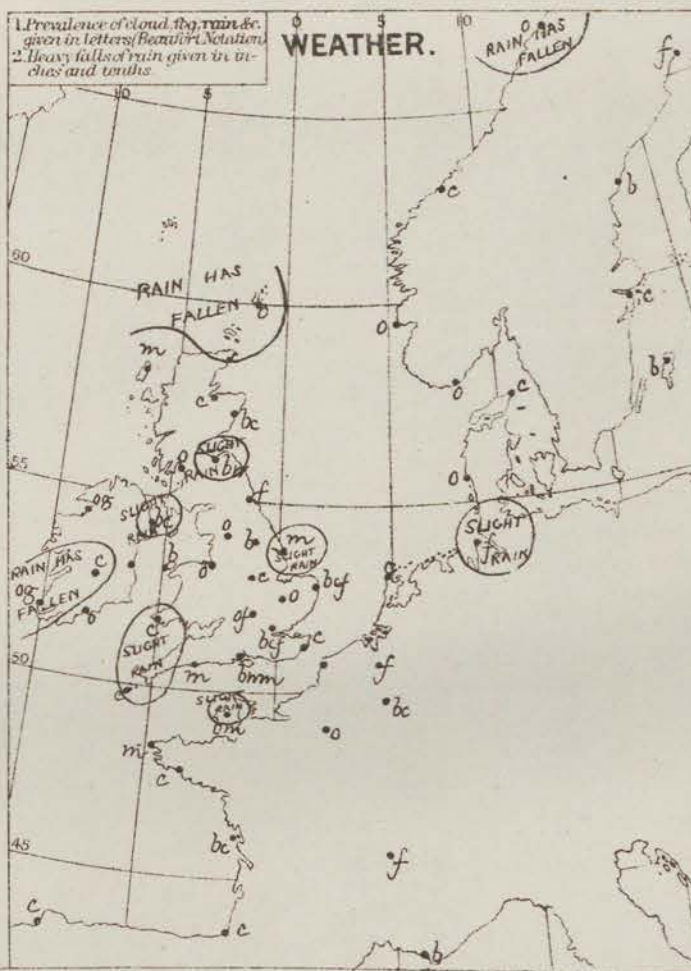
1. Arrows fly with the wind. Force 0-10 = Force 0-10. Force 10-20 = Force 10-20. Force 20-30 = Force 20-30.
2. Dark curved arrow shows apparent general motion of air. Sea disturbance in shading. — rough. — high.

## WIND & SEA.



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

## WEATHER.



**REMARKS.** The weather over Western Europe is still fair and quiet generally. Since yesterday morning the barometer has risen everywhere except on our extreme north western coasts, and a large area of comparatively high readings now covers France, all our more southern districts, the greater part of the North Sea and Scandinavia, the highest pressures of all being found in the neighbourhood of the Baltic. Slight depressions are however, still travelling in a NE direction outside our north west coasts, so that the barometer is falling a little in that region while fresh or strong S.W. winds are reported from Valentia, Mullaghmore and Stornoway. Elsewhere the winds are very light in force, and over central and south eastern England calms are reported. A good deal of fog and mist prevails in the South and east of England, and more or less cloud in most other districts, while in the west of Ireland there is a large amount of heavy gloom. Temperature has risen slightly in most places, and now ranges from 54° in the Shetlands and 59° over central England to a little above 60° in the south of Ireland. The maxima reported yesterday were above 60° in almost all parts of the Kingdom, and at Harbin and in London reached 67°. The sea is smooth except at Valentia and Stornoway.

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

R. H. SCOTT.  
Secretary.



# DAILY WEATHER REPORT

27<sup>th</sup> SEPT

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	30.19	45	SW	2	b		30.08	-0.09	48	48	+6	SW	4	c	*		48	41	—
Hernösand	30.23	45	2	0	b		30.22	-0.01	48	42	-2	2	0	b	*		61	36	—
Stockholm	30.26	47	NNW	2	b		30.30	+0.10	47	46	-3	W	2	b	*		59	44	—
Wisby	30.17	51	ENE	1	b		30.28	+0.14	54	54	0	ENE	2	b	*		59	42	—
Bodö	29.91	53	SW	6	o		29.80	-0.19	55	52	+9	SW	8	o	b		55	43	0.51
Christiansund	30.04	58	SSE	1	o		30.06	+0.05	58	55	+5	SW	3	c	5		59	46	—
† Skudesnaes	30.20	57	SSE	6	o		30.28	+0.08	58	57	+3	SSE	3	o	4		59	55	—
Ökø (Xiansund)	30.25	55	2	0	o		30.32	+0.16	57	50	-2	SW	2	c	2		59	48	—
Skagen (The Skaw)	30.28	49	2	0	b		30.33	+0.15	53	50	-1	NNW	2	b	0		61	48	—
Fanö	30.26	55	E	4	o		30.32	+0.19	55	54	+1	E	2	o	*		59	52	—
Cuxhaven	30.23	60	SSE	1	f		30.33	+0.17	57	56	0	SE	1	b	*		59	54	0.02
† Sumburgh Head	29.99	56	S	2	c		30.13	+0.20	57	56	+3	NNW	3	c	3		60	52	—
† Stornoway	29.97	58	S	5	r		30.08	+0.24	58	58	+1	S	4	r	2		62	55	0.01
Wick	30.08	59	SW	2	b		30.15	+0.20	58	57	+2	2	0	b	0		65	54	—
Nairn	30.06	60	2	0	b		30.10	+0.20	57	55	+3	ENE	1	c	0		66	54	—
† Aberdeen	30.10	62	SW	2	c		30.19	+0.18	57	55	-2	SW	1	b	0		67	50	—
Leith	30.12	62	SW	1	b		30.22	+0.17	52	52	-8	2	0	f	*		69	47	—
† Shields	30.17	63	2	0	c		30.26	+0.15	58	56	+6	NNW	1	m	0		68	46	—
Spurn Head	30.21	60	S	2	c		30.29	+0.16	59	58	-1	SSE	1	b	0		63	54	—
York	30.19	62	W	1	o		30.30	+0.16	51	51	-6	2	0	f	*		69	49	—
Nottingham	30.29	61	SW	1	b		30.36	+0.19	53	52	-6	2	0	f	*		72	46	—
† Ardrossan	30.14	59	SW	1	o		30.21	+0.16	57	55	-1	SSE	2	om	1		61	53	—
† Mullaghmore	30.08	63	SW	5	o		30.14	+0.16	59	57	0	SW	4	og	3		65	58	0.02
Donaghadee	30.17	57	SW	1	b		30.23	+0.16	57	57	0	SW	2	o	0		64	53	0.01
Parsonstown	30.09	61	SSE	1	b		30.21	+0.14	57	55	+3	SSE	1	o	*		67	54	—
Barrow-in-Furness	30.19	61	S	1	b		30.25	+0.11	58	54	-3	E	1	b	2		65	53	—
† Holyhead	30.17	60	SW	2	b		30.25	+0.14	60	59	+1	S	2	o	1		68	55	—
Liverpool (Bilston)	30.19	61	SSE	1	c		30.27	+0.14	50	54	-3	SE	2	b	1		65	51	—
† Valentia	30.11	60	SE	4	r		30.16	+0.11	60	59	-1	SE	5	o	6		64	57	0.09
Roche's Point	30.12	62	SW	3	o		30.20	+0.11	60	58	0	E	3	o	3		67	58	—
Pembroke	30.18	58	SW	1	o		30.24	+0.14	63	55	-3	ENE	1	c	2		68	57	—
† Scilly	30.20	58	E	2	o		30.26	+0.12	55	55	-4	SE	2	f	2		63	53	0.01
Prawle Point	30.24	58	SW	1	c		30.30	+0.12	57	57	-1	2	0	o	1		68	53	—
Hurst Castle	30.19	62	NNW	1	b		30.27	+0.12	58	57	-3	NE	1	om	0		68	56	—
† Dover	30.20	63	ENE	1	b		30.29	+0.12	61	60	0	ENE	2	b	1		66	58	—
† London	30.21	64	2	0	f		30.30	+0.14	62	59	+3	ESE	2	b	*		72	54	—
Oxford	30.24	59	2	0	o		30.29	+0.13	57	56	-2	2	0	of	*		65	54	—
Cambridge	30.20	63	W	1	o		30.27	+0.11	59	58	0	NNW	1	b	*		67	54	—
† Yarmouth	30.21	61	2	0	b		30.31	+0.15	58	57	-1	2	0	b	1		64	54	—
The Helder	30.23	60	W	1	c		30.29	+0.15	58	57	-1	NNE	1	b	0		71	54	—
Cape Gris Nez	30.22	63	N	3	m		30.22		59	59		E	1	m	0		68	57	—
† Jersey	30.23	60	NE	2	b		30.30	+0.12	59	59	-3	NNW	1	of	1		68	57	—
Brest	30.21	58	NE	4	b		30.25	+0.08	56	55	-1	SE	3	f	2		64	55	—
Lorient	30.15	60	E	4	b		30.23	+0.11	57	56	-2	E	3	m	2		72	55	—
† Rochefort	30.14	69	NW	3	b		30.17	+0.08	58	56	-2	ENE	5	m	2		75	57	—
Biarritz	30.11	67	NNE	4	b		30.13	+0.03	63	61	0	SW	4	m	3		70	59	—
Corunna	*	*	*	*	*				*	*				*	*		*	*	*
Brussels	*	*	*	*	*		30.28	+0.10	57	56	-1	SE	1	o	*		66	55	—
Charleville	30.17	64	E	1	b		30.27	?	49	46	-1	E	1	f	*		74	45	—
Paris	30.19	66	NE	3	b		30.28	+0.10	57	54	-2	N	4	b	*		*	*	—
Lyons	30.11	61	N	1	b		30.16	+0.14	55	54	+3	N	1	o	*		70	51	—
Toulon	30.05	63	2	0	m		30.05	+0.1	63	59	0	E	4	o	1		66	59	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.96	56	SW	1	c		29.03	+0.13	52	52	-2	2	0	b	*		58	46	—

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.17	57	55	SSE	6	0	5	Valentia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...								Dover ...							
Aberdeen ...								London ...							
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.12	70	66	NW	3	6	1
Holyhead ...															

## EXPLANATION OF COLUMNS.

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

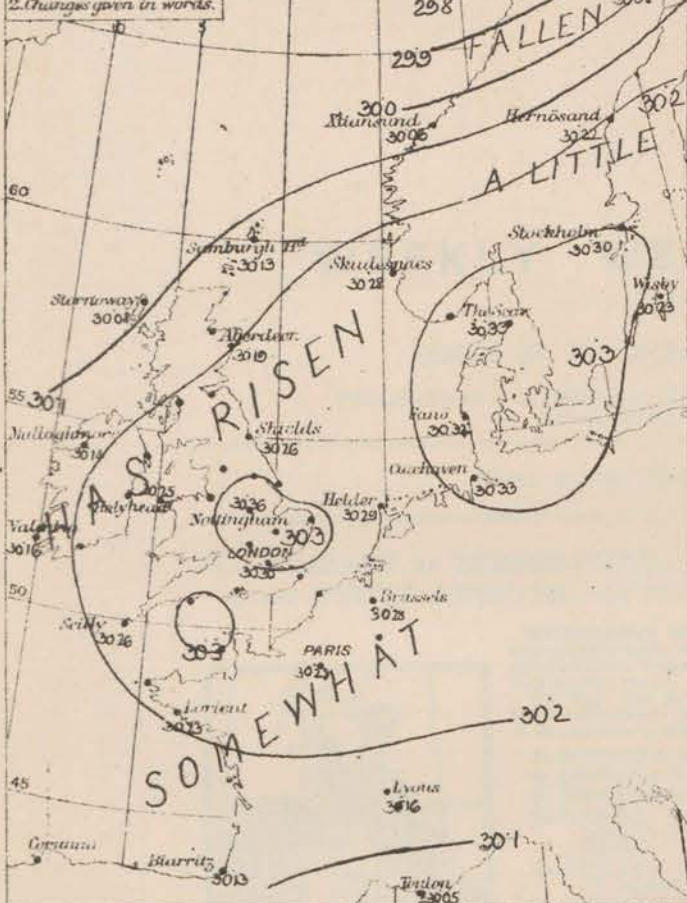
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Monday 27<sup>th</sup> SEPT<sup>r</sup> 1880.

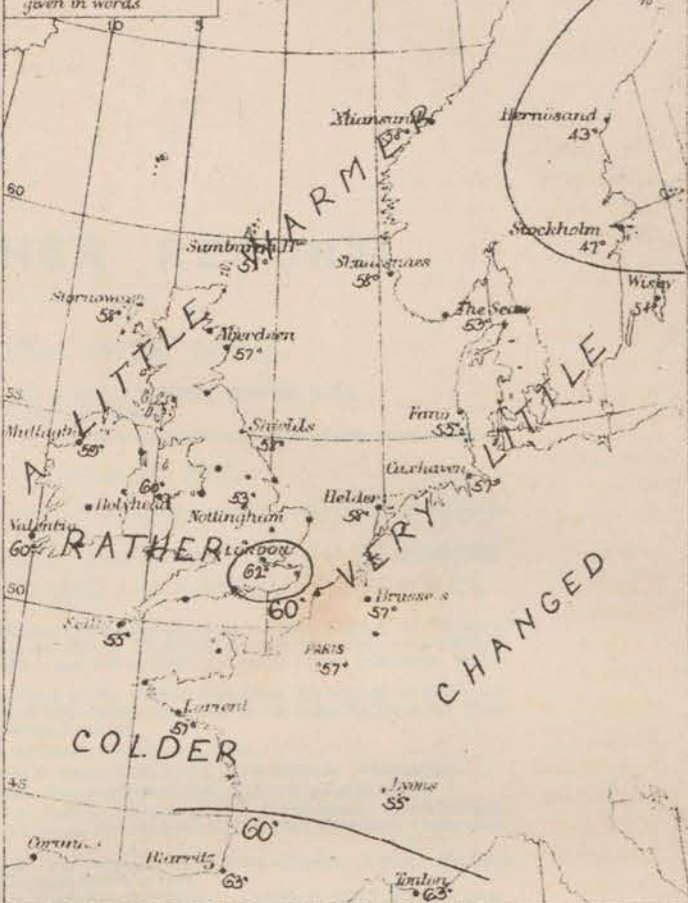
1. Isobaric lines drawn as necessary.  
2. Changes given in words.

## BAROMETER.



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

## TEMPERATURE.



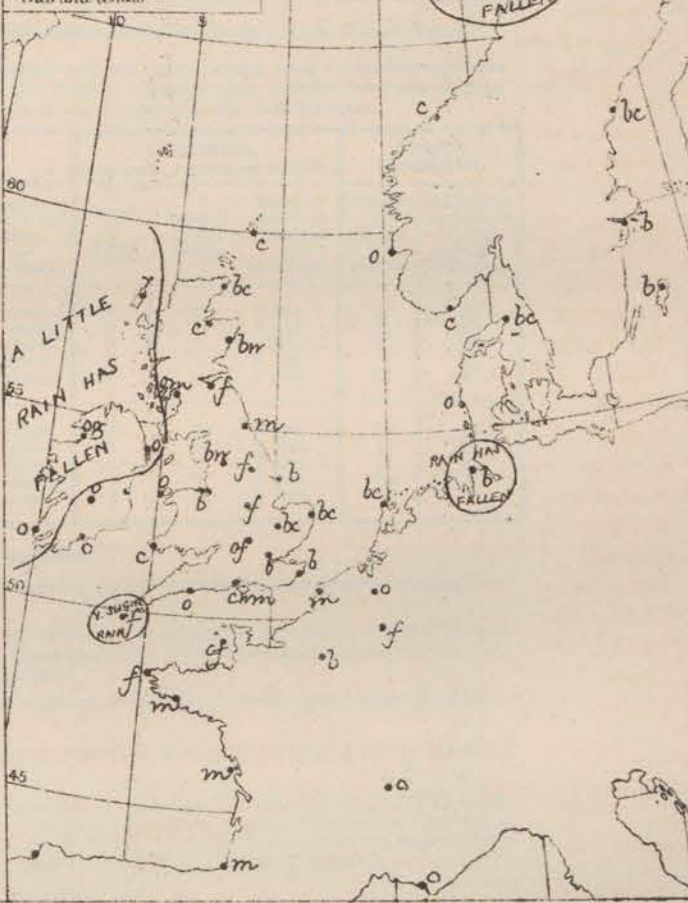
Arrows fly with the wind.  
Force 0 to 10 —  
Force 11 to 20 —  
Force 21 to 30 —  
Force 31 to 40 —  
Force 41 to 50 —  
Force 51 to 60 —  
Force 61 to 70 —  
Force 71 to 80 —  
Force 81 to 90 —  
Force 91 to 100 —  
Force 101 to 110 —  
Force 111 to 120 —  
Force 121 to 130 —  
Force 131 to 140 —  
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 lies this morning over the south of Scandinavia, Denmark, the North Sea, England and the north of France, while the lowest pressures are reported from the north of Norway. At all stations except Bodø (North Norway) the barometer is rising. Within the area of high pressure noticed above very light variable air prevail, and the weather, though misty or foggy is moderately fine, but over France moderate E<sup>ly</sup> winds are reported with mist or fog, over Ireland SE<sup>ly</sup> and S<sup>ly</sup> winds, with overcast skies, and in north Scotland and Norway S<sup>ly</sup> and SW<sup>ly</sup> winds, with much cloud. At Stornoway rain is falling and during the past 24 hours very slight showers have fallen in the extreme west and north west. Temperature has fallen except in the north and north west it ranges from 51° at York to 62° in London and 63° at Biarritz. The maxima yesterday exceeded 60° at all stations and reached 72° in London and at Nottingham. The sea is smooth except at Valentia.

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

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

R. H. SCOTT.  
Secretary.



## DAILY WEATHER REPORT

28<sup>th</sup> SEPT<sup>r</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 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	29.98	50	SW	2	b	29.99	- 19	52	51	+ 4	SW	4	0	*	54	46	-		
Hernösand	30.16	46	Z	0	b	30.01	- 21	51	50	+ 8	SSW	2	0	*	61	41	-		
Stockholm	30.27	50	WSW	2	b	30.20	- 10	50	50	+ 3	SW	4	0	*	61	41	-		
Wisby	30.23	48	ENE	2	b	30.29	00	56	52	+ 2	W	4	b	*	59	48	-		
Bodö	29.78	53	SW	8	o	29.95	+ 105	44	42	- 11	N	6	c	4	61	43	0.39		
Christiansund	30.46	57	W	4	r	30.03	- 03	52	51	- 6	WNW	4	r	4	59	45	2.60		
† Skudesnaes	30.27	59	SSE	6	of	30.25	- 05	58	55	0	WSW	2	of	3	59	?	-		
Oxö (Xiansund)	30.33	55	SW	2	b	30.25	- 04	56	56	+ 7	SW	4	f	2	?	?	-		
Skagen (The Skaw)	30.32	55	WSW	2	b	30.31	- 02	52	51	- 1	WSW	3	c	2	61	46	-		
Fanö	30.37	53	Z	0	b	30.36	+ 04	54	52	- 1	SW	1	b	*	61	46	-		
Cuxhaven	30.36	61	E	1	b	30.42	+ 09	53	53	- 4	SSW	1	b	*	?	50	-		
† Sumburgh Head	30.06	56	SSW	5	o	30.33	+ 20	50	47	- 7	NNW	3	o	3	62	49	0.01		
† Stornoway	29.98	57	SSW	7	o	30.40	+ 32	53	53	- 5	Z	0	0	0	58	48	0.50		
Wick	30.08	58	SW	3	b	30.41	+ 26	53	52	- 5	NE	1	0	1	62	50	-		
Nairn	30.12	60	WNW	1	c	30.40	+ 24	54	50	- 3	Z	0	b	1	66	54	-		
† Aberdeen	30.19	60	S	1	b	30.39	+ 20	56	55	- 1	NNW	3	o	1	67	52	-		
Leith	30.22	61	W	1	c	30.41	+ 19	57	53	+ 5	W	1	b	*	69	50	-		
† Shields	30.25	64	SW	1	m	30.40	+ 16	56	53	- 2	NNW	1	b	1	70	51	-		
Spurn Head	30.31	60	SSE	3	b	30.43	+ 14	55	55	- 4	W	3	b	2	63	54	-		
York	30.31	65	S	1	b	30.44	+ 14	52	52	+ 1	WSW	1	b	*	70	48	-		
Nottingham	30.33	62	WSW	1	b	30.46	+ 10	53	51	0	Z	0	f	2	72	48	-		
† Ardrossan	30.24	58	SW	3	o	30.42	+ 21	55	53	- 2	N	1	b	0	59	52	-		
† Mullaghmore	30.26	57	W	3	b	30.43	+ 29	52	51	- 7	ESE	1	b	2	64	49	-		
Donaghadee	30.35	58	SSW	3	c	30.47	+ 24	53	52	- 4	WSW	2	b	0	60	46	-		
Parsonstown	30.30	62	SSW	4	o	30.46	+ 25	58	57	+ 1	Z	0	b	*	65	56	0.02		
Barrow-in-Furness	30.31	60	W	2	o	30.43	+ 18	59	57	+ 4	NNW	2	b	2	65	54	-		
† Holyhead	30.31	59	WSW	3	c	30.46	+ 21	58	57	- 2	WSW	2	m	1	62	56	-		
Liverpool (Bidston)	30.34	58	NNW	1	b	30.47	+ 20	55	54	- 1	S	1	o	1	65	54	-		
† Valentia	30.29	60	SSE	5	b	30.44	+ 18	59	58	- 1	SSE	2	o	3	64	57	0.01		
Roche's Point	30.35	62	SSW	4	c	30.50	+ 30	61	59	+ 1	S	1	c	3	66	58	-		
Pembroke	30.33	57	WSW	1	c	30.42	+ 18	56	55	+ 1	N	1	ow	2	61	53	-		
† Scilly	30.34	58	NNE	2	o	30.44	+ 18	57	56	+ 2	ENE	3	o	5	58	54	-		
Prawle Point	30.37	57	Z	0	m	30.44	+ 14	59	57	+ 2	N	1	m	1	68	54	-		
Hurst Castle	30.30	64	Z	0	c	30.44	+ 17	52	52	- 6	NE	1	f	1	68	51	-		
† Dover	30.34	63	NE	2	b	30.43	+ 14	59	58	- 2	Z	0	b	0	66	57	-		
† London	30.33	63	SSE	1	cm	30.45	+ 15	58	58	- 4	SSW	1	f	*	75	55	-		
Oxford	30.35	58	Z	0	b	30.46	+ 17	50	50	- 7	Z	0	of	*	67	49	0.01		
Cambridge	30.32	63	Z	0	b	30.46	+ 19	53	53	- 6	Z	0	om	*	72	48	-		
† Yarmouth	30.35	62	Z	0	b	30.48	+ 12	55	55	- 3	NNW	1	b	1	64	53	-		
The Helder																			
Cape Gris Nez	30.35	62	NE	1	b	30.40	+ 18	57	57	- 2	NE	3	im	1	66	55	-		
† Jersey	30.34	62	NE	1	b	30.44	+ 14	61	59	+ 2	NE	1	bm	1	66	56	-		
Brest	30.30	63	NNW	3	b	30.41	+ 16	55	55	- 1	E	1	m	3	72	52	-		
Lorient	30.30	66	ENE	3	b	30.37	+ 14	56	54	- 1	E	3	m	1	73	54	-		
† Rochefort	30.22	67	ENE	5	m	30.30	+ 13	57	55	- 1	ENE	5	b	2	77	52	-		
Biarritz	30.16	69	N	4	c	30.21	+ 08	62	60	- 1	N	3	m	3	70	57	-		
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	30.32	+ 14	53	53	- 4	NNE	1	f	*	66	53	-		
Charleville	30.30	59	NE	3	c	30.35	+ 08	51	48	+ 2	SW	1	b	*	75	45	-		
Paris	30.29	65	N	1	b	30.42	+ 14	55	54	- 2	WSW	1	m	*	*	*	-		
Lyons	30.16	60	N	1	b	30.28	+ 12	52	48	- 3	N	1	b	*	64	46	-		
Toulon	30.04	65	WSW	3	b	30.16	+ 09	61	60	- 2	E	5	b	3	72	59	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.08	56	WSW	3	o	29.18	+ 10	54	54	+ 2	WSW	2	f	*	62	51	-		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes ...	30.32	59	57	S	5	of	Valentia ...	30.23	63	61	S	5	o	5
Sumburgh Head	30.15	58	56	WSW	3	c	Scilly ...	30.31	58	57	SE	2	of	3
Stornoway ...	30.06	58	58	SSW	4	r	Dover ...	30.32	65	61	ENE	1	b	0
Aberdeen ...	30.18	66	60	S	3	b	London ...	30.31	70	64	E	1	bcm	*
Shields ...	30.26	68	62	SW	2	bcm	Yarmouth ...	30.34	63	61	Z	0	b	1
Ardrossan ...	30.22	59	57	SSW	3	o	Jersey ...	30.33	64	62	WNW	1	bm	1
Mullaghmore ...	30.16	63	59	SSW	6	ogm	Rochefort ...	30.19	76	66	ENE	5	b	2
Holyhead ...	30.29	61	59	SSW	3	c								

The barometer has risen at nearly all stations since the morning, but the S<sup>W</sup> winds in the N. has increased to a strong breeze and the weather there remains overcast with rain at Stornoway. In the E. the sky is moderately clear though with a good deal of mist.

## 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. 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.

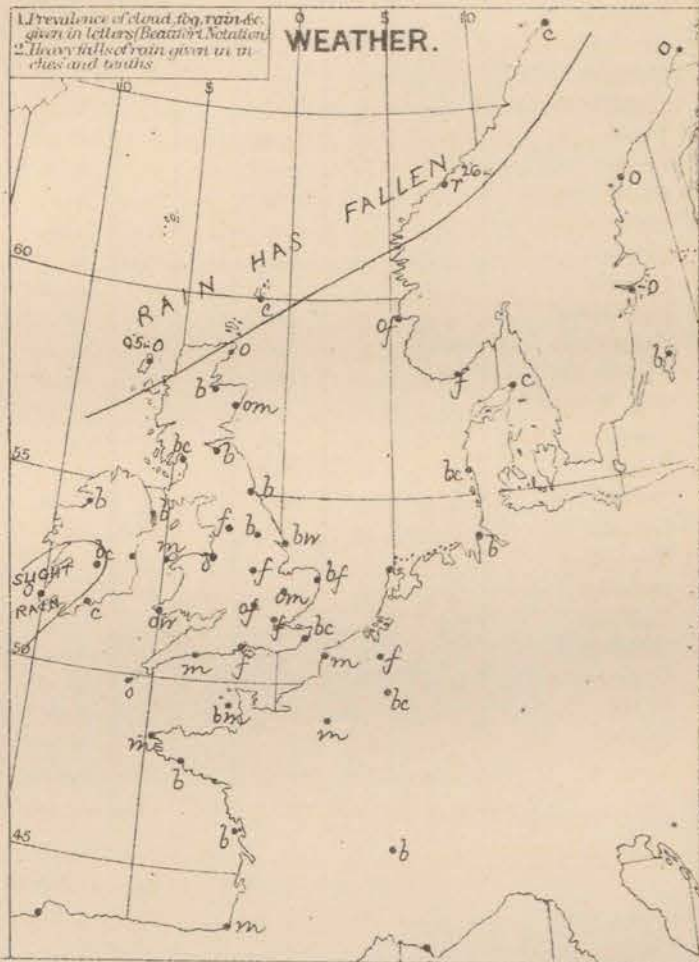
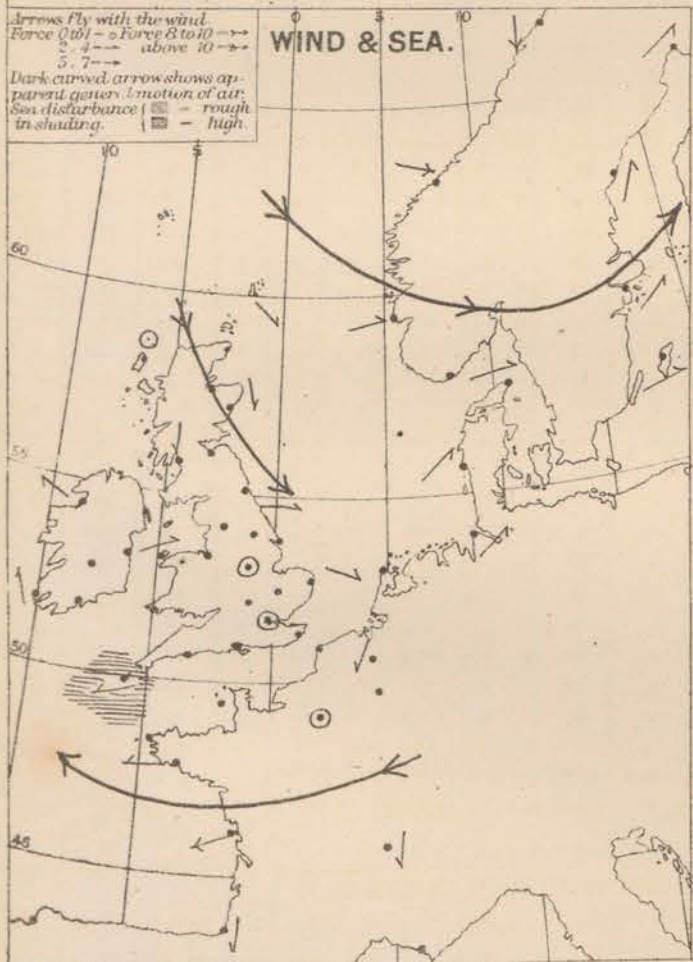
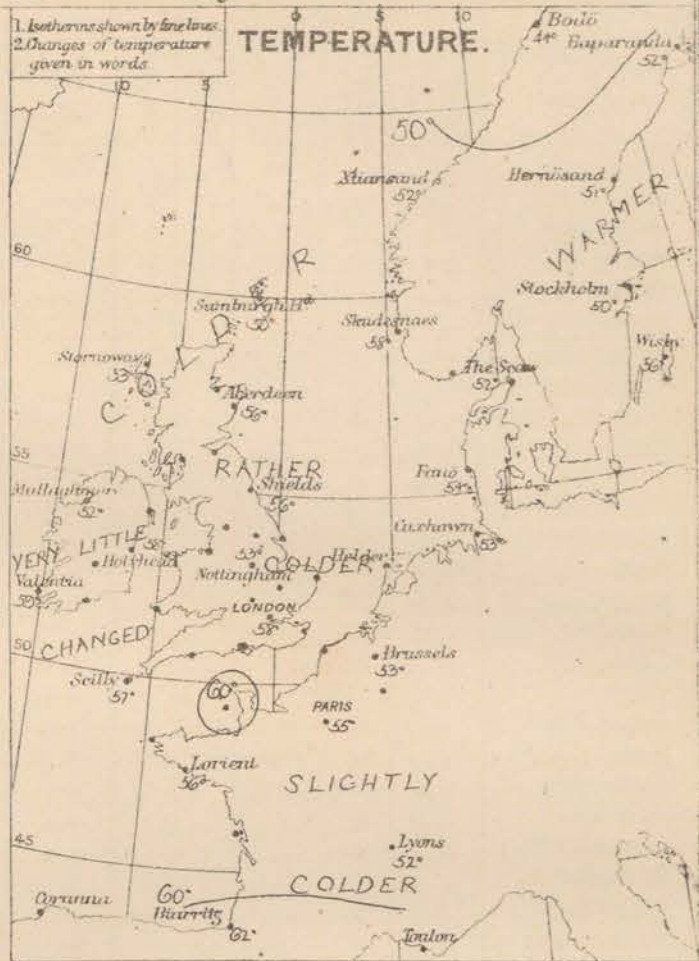
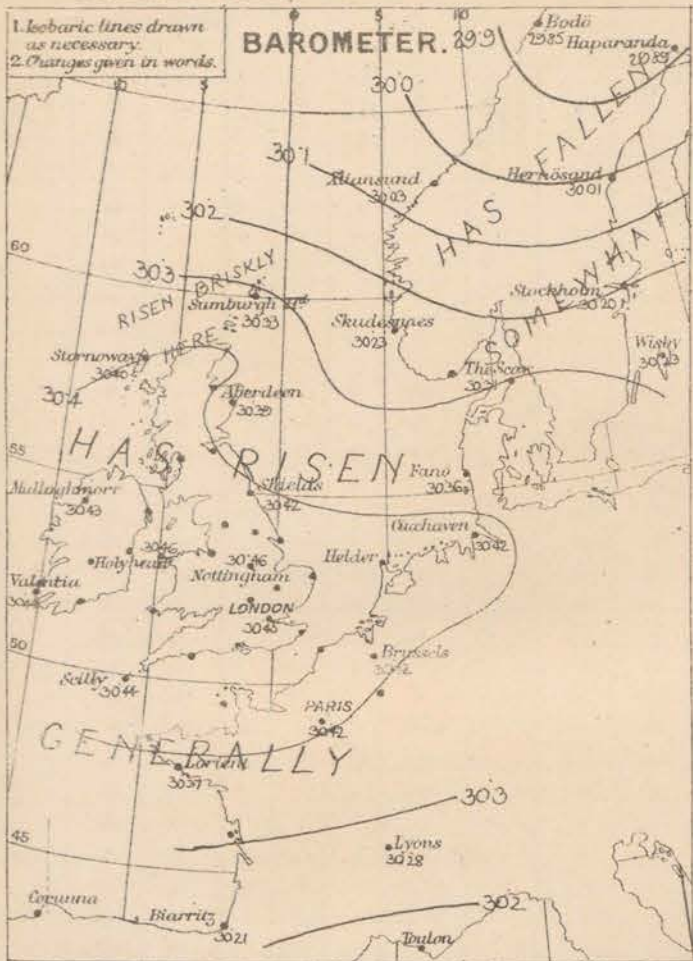
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

‡ 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 28<sup>th</sup> SEPT<sup>r</sup> 1880.



**REMARKS.** The depression which yesterday lay off the north west coast of Norway has, during the past 24 hours, passed E<sup>o</sup> over Scandinavia, and the barometer is at present falling at nearly all the Swedish and Norwegian stations. Over the whole of France and the British Isles, however, more particularly on our north west coast, the mercury has risen, and the area of highest readings (30 in.) has over these Islands, North Germany, and the north of France. Within this region very light variable airs prevail, while over France moderate E<sup>ly</sup> winds are reported, and over Scandinavia moderate to strong breezes between NW and SW. Fine bright weather prevails on our north west and north east coasts, as well as in North Germany and some parts of France, but elsewhere the sky is cloudy or overcast, with thick fog over the south of England, and rain at Christiansund. During the past 24 hours half an inch of rain fell at Stormway, and at Christiansund 2 in. is reported, but elsewhere scarcely any rain has been collected. Aurora was seen at Akershus last night. Temperature has fallen except in Sweden, and readings range at present from 30° at Sundby H. and Copford to 59° at Valentia. The maxima yesterday were 75° in London, 72° at Nottingham and Cambridge, and between 65° and 70° generally. Sea is light or smooth.

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

R. H. SCOTT.  
Secretary



# DAILY WEATHER REPORT

29<sup>TH</sup> SEPT<sup>R</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 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	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.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.05	37	N	2	b	30.21	+ .34	33	31	- 19	N	2	b	*	62	28	0.24	
Hernösand	30.19	49	NN	6	b	30.36	+ .35	40	36	- 11	NNW	2	c	*	61	37	-	
Stockholm	30.17	58	NNW	4	o	30.29	+ .09	45	41	- 5	N	4	de	*	63	45	-	
Wishy	30.14	59	NN	6	de	30.19	- .04	55	51	- 1	NNE	4	de	*	61	43	-	
Bodö																		
Christiansund																		
† Skudesnaes	30.36	53	NN	2	de	30.36	+ .13	53	50	- 5	NNW	1	o	2	59	?	-	
Oxö (Xiansund)	30.25	57	N	2	b	30.34	+ .06	55	49	- 3	NNE	4	b	2	61	52	-	
Skagen (The Skaw)	30.25	56	SW	3	f	30.29	- .02	57	56	+ 5	E	3	o	2	61	48	-	
Fanö	30.34	58	NN	2	c	30.32	- .04	56	53	+ 2	NN	4	o	*	62	52	-	
Cuxhaven	30.44	61	NN	1	c	30.40	- .02	60	59	+ 7	N	2	r	*	63	50	0.01	
† Sumburgh Head	30.43	50	Z	0	c	30.22	- .11	56	54	+ 6	NNW	5	o	5	57	44	-	
† Stornoway	30.36	46	S	4	de	30.30	- .10	58	55	+ 5	NNW	6	cg	5	58	53	-	
Wick	30.45	54	ESE	2	o	30.33	- .08	54	53	+ 1	SW	1	c	0	57	51	-	
Nairn	30.42	55	Z	0	b	30.37	- .03	55	52	+ 1	Z	0	a	0	60	50	-	
† Aberdeen	30.47	55	S	1	b	30.38	- .01	48	47	- 8	Z	0	deum	0	59	54	-	
Leith	30.49	62	N	1	de	30.44	+ .03	54	50	- 3	N	1	cf	*	69	45	-	
† Shields	30.49	56	NE	2	o	30.47	+ .05	48	48	- 8	N	2	f	1	63	46	-	
Spurn Head	30.47	57	NE	3	de	30.50	+ .07	52	52	- 3	NNW	1	f	0	66	51	-	
York	30.47	61	ENE	1	de	30.50	+ .06	49	49	- 3	Z	0	f	*	72	47	0.01	
Nottingham	30.45	62	ENE	1	de	30.50	+ .04	55	54	+ 2	SSE	1	o	*	69	51	-	
† Ardrossan	30.47	57	Z	0	c	30.46	+ .04	57	56	+ 2	E	1	f	1	64	48	-	
† Mullaghmore	30.44	60	Z	0	om	30.44	+ .01	57	55	+ 5	SW	3	om	2	63	52	-	
Donaghadee	30.49	56	S	2	de	30.49	+ .02	53	52	0	SW	2	o	0	61	47	0.01	
Parsonstown	30.46	62	Z	0	de	30.47	+ .01	53	53	- 5	SSE	3	o	*	67	52	-	
Barrow-in-Furness	30.45	57	NE	2	b	30.48	+ .05	52	51	- 7	NE	1	om	1	65	48	-	
† Holyhead	30.47	57	NNW	2	o	30.46	00	58	57	0	NNW	2	m	1	63	53	-	
Liverpool (Bidston)	30.50	57	NN	1	b	30.49	+ .02	52	51	- 3	SE	2	m	1	62	49	-	
† Valentia	30.44	60	S	2	o	30.43	- .01	60	56	+ 1	ESE	3	o	3	62	54	-	
Roche's Point	30.52	62	S	2	c	30.51	+ .01	58	56	- 3	SSE	3	o	3	67	55	-	
Pembroke	30.42	59	SW	1	b	30.43	+ .01	55	55	- 1	E	2	f	2	61	53	0.01	
† Scilly	30.44	52	NE	3	om	30.43	- .01	59	59	+ 2	E	4	f	4	59	53	0.01	
Prawle Point	30.47	60	NE	2	m	30.48	+ .04	59	59	0	NE	2	m	2	69	57	-	
Hurst Castle	30.43	63	NNW	1	omg	30.47	+ .03	56	56	+ 4	ENE	1	fur	2	68	52	-	
† Dover	30.45	60	ENE	1	bm	30.47	+ .04	59	57	0	NE	2	b	1	64	57	-	
† London	30.45	60	Z	0	figw	30.50	+ .05	56	55	- 2	SE	1	fur	*	63	52	-	
Oxford	30.49	57	Z	0	o	30.50	+ .04	49	49	- 1	Z	0	of	*	65	48	0.01	
Cambridge	30.46	58	NNE	1	b	30.49	+ .03	54	53	+ 1	NE	1	o	*	69	51	-	
† Yarmouth	30.46	60	NN	1	b	30.48	+ .05	56	55	+ 1	NN	1	f	1	63	51	0.01	
The Helder	30.44	60	NN	1	c	30.43	+ .01	59	56	+ 2	NNW	1	c	1	63	57	-	
Cape Gris Nez	30.43	61	NE	1	m	30.48	+ .08	54	56	- 1	E	1	m	0	68	55	-	
† Jersey	30.44	61	ENE	2	bm	30.46	+ .02	58	57	- 3	ENE	3	bm	3	67	56	0.01	
Brest	30.40	61	ENE	4	b	30.41	00	55	52	0	E	4	b	3	70	54	-	
Lorient.	30.35	64	ENE	4	b	30.36	- .01	55	53	- 1	ENE	4	m	1	73	54	-	
† Rochefort	30.28	66	ENE	4	b	30.29	- .01	52	50	- 5	ENE	7	b	2	75	48	-	
Biarritz	30.20	69	N	3	b	30.21	00	58	55	- 4	S	3	b	1	70	54	-	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	30.46	+ .04	53	53	0	Z	0	f	*	63	51	-	
Charleville	30.39	59	NN	4	de	30.44	+ .09	42	40	- 9	NN	4	m	*	75	31	-	
Paris	30.40	60	N	1	b	30.45	+ .05	51	50	- 4	N	4	b	*	*	*	-	
Lyons	30.25	58	NN	1	b	30.25	+ .07	49	47	- 3	N	1	b	*	66	43	-	
Toulon	30.18	63	Z	0	b	30.21	+ .07	62	55	+ 1	E	4	b	1	66	61	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.24	55	SSE	2	b	29.23	+ .05	50	50	- 4	N	1	ow	*	64	40	-	

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

Hawes Junction	29.24	55	SSE	2	b	29.23	+ .05	50	50	- 4	NN	1	ow	*	64	40	-
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## YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wec.	Sea.		Bar.	Dry.	Wet.	Wind.	Wec.	Sea.		
Skudesnaes ...	30.32	57	52	NT	6	c	3	Valentia ...	30.45	60	58	SSE	4	0	4
Sumburgh Head	30.41	52	49	NT	3	c	3	Scilly ...	30.45	59	57	ENE	4	0	5
Stornoway ...	30.40	57	54	SSE	2	c	1	Dover ...	30.45	62	60	ESE	1	b	*
Aberdeen ...	30.46	59	55	N	1	c	1	London ...	30.46	60	59	Z	0	f	b
Shields ...	30.45	62	56	NE	2	b	1	Yarmouth ...	30.45	61	60	NNE	1	b	1
Ardrossan ...	30.45	62	57	Z	0	c	0	Jersey ...	30.46	67	62	ENE	2	bm	2
Mullaghmore ...	30.44	62	60	NNE	2	de	2	Rochefort ...	30.28	74	63	ENE	7	b	2
Holyhead ...	30.48	62	59	NNN	3	c	2								

Pressure remains very uniform and there has been no change of importance since the morning.

## EXPLANATION OF COLUMNS.

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

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

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

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

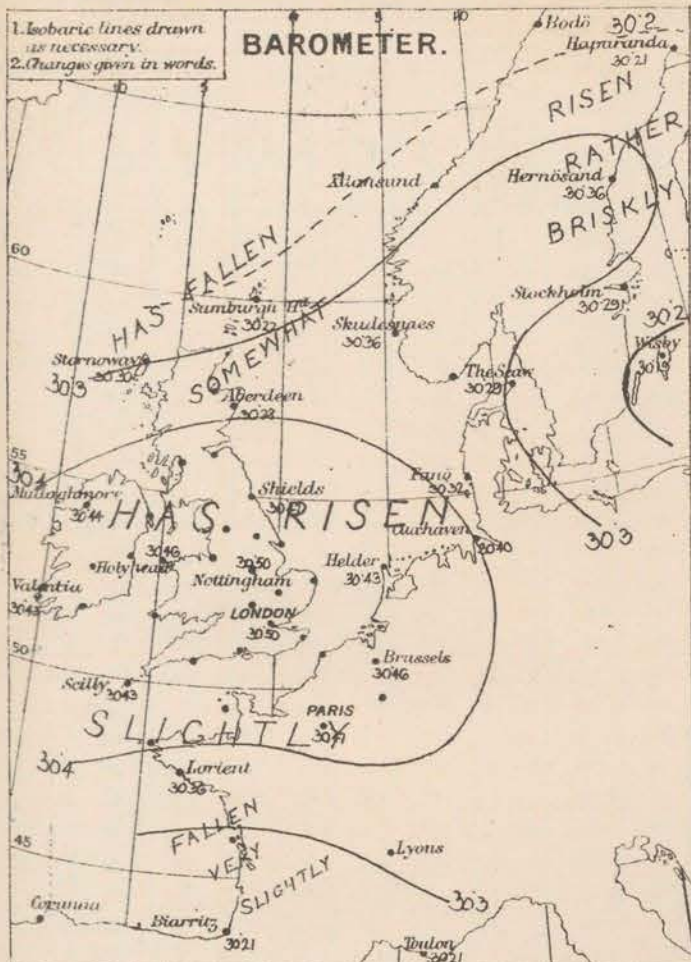
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.



# WEATHER CHARTS for 8 a.m. on Wednesday 29<sup>th</sup> SEPT 1880.

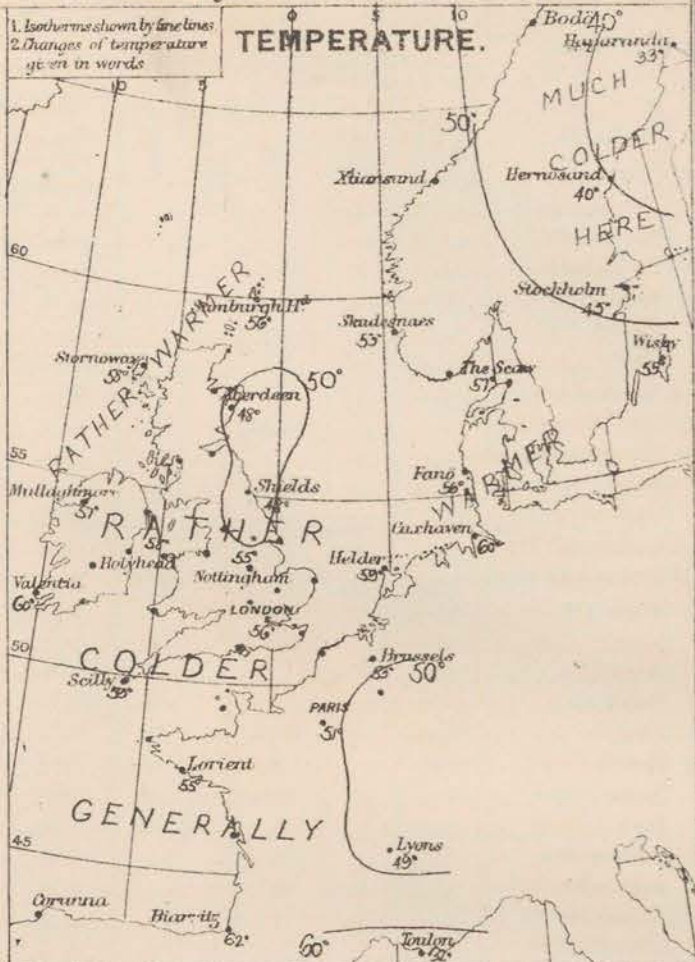
1. Isobaric lines drawn as necessary.
2. Changes given in words.

## BAROMETER.



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

## TEMPERATURE.



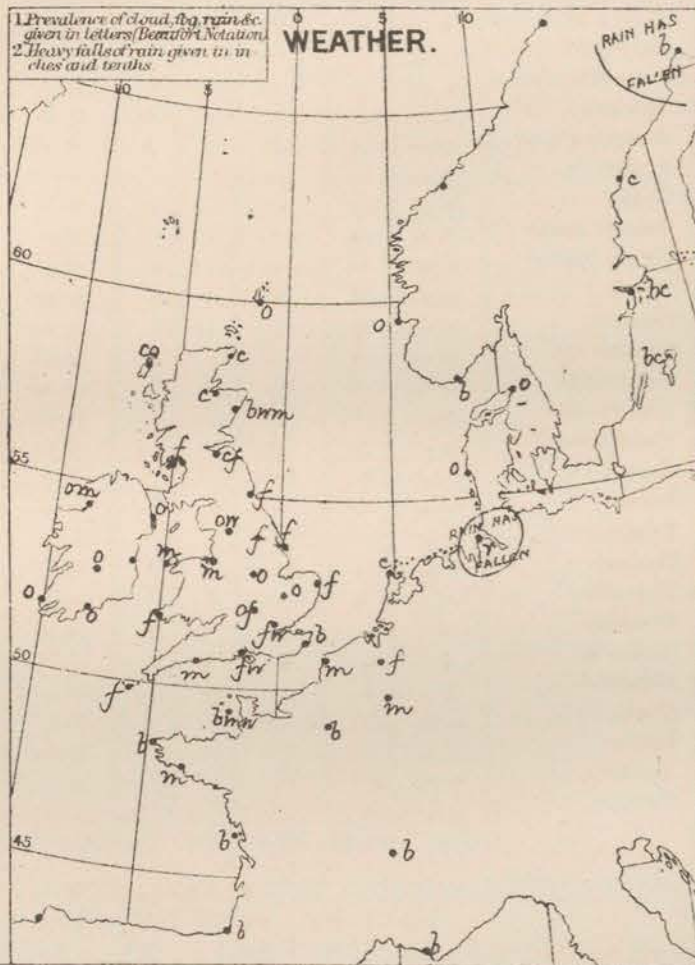
1. Arrows fly with the wind. Force (60) - a Force 8 to 10 - above 10 -
2. Dark curved arrows show apparent general motion of air. Sea disturbance in shading. - rough in shading. - high.

## WIND & SEA.



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

## WEATHER.



**REMARKS.** The anticyclone recently noticed still lies over Ireland, England the north of France and North Germany, while a relatively low readings are reported from the south of France and the north of Scotland. A brisk rise of the barometer has taken place over Scandinavia, the depression shown in that neighbourhood yesterday having moved away, and in nearly all places a slight increase has occurred but in the extreme west of Ireland and over Scotland a slight fall is now in progress. In our eastern districts very light variable breezes are reported but on our south coast, over the Channel and France the wind is E<sup>4</sup>, while in Ireland it is S<sup>4</sup>, and in north Scotland SW<sup>4</sup>. In the Hebrides and Shetlands it blows strongly or freshly, but elsewhere it is light in force. The weather is dry everywhere, but in the north of our Islands a good deal of cloud prevails and in the south much fog. Over France the sky is clear. Temperature has fallen a little in most places, and very quickly in the Gulf of Bothnia. Readings range over these Islands from 68° at Aberdeen and 69° at Orford to 60° at Valentia, 59° at Dover and 58° at Stornoway. The sea is rough to the N<sup>o</sup> of Scotland, slight or smooth elsewhere.

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R. H. SCOTT.  
Secretary.



## DAILY WEATHER REPORT

30<sup>TH</sup> SEPT

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	29.92	39	S	2	b	29.49	— 72	37	36	+ 4	N	2	c	*	41	?	—			
Hernösand	29.87	42	SSW	6	r	29.69	— 67	42	38	+ 2	NN	6	b	*	50	28	—			
Stockholm	30.00	46	SW	2	o	29.69	— 60	51	50	+ 6	WSW	4	o	*	59	41	—			
Wisby	30.10	50	NNW	4	o	29.77	— 42	56	53	+ 1	NNW	4	bc	*	61	45	0.12			
Bodo	29.45	42	SW	8	o	29.34		36	33		SW	8	c	7	43	30	0.22			
Christiansund	29.85	50	N	8	r	30.00		40	37		NN	9	c	6	55	32	0.55			
Skudesnes	30.11	56	NNW	4	r	30.08	— 28	52	49	— 1	NNW	6	o	4	?	?	—			
Oxö (Klansund)	30.15	55	SW	4	o	29.93	— 41	56	52	+ 1	WSW	4	bc	2	59	44	—			
Skagen (The Skaw)	30.11	55	NNW	5	o	29.88	— 41	59	56	+ 2	N	6	o	5	?	52	—			
Fanö	30.27	55	N	4	o	30.13	— 19	59	57	+ 3	N	6	c	*	61	54	—			
Cuxhaven	30.39	58	NN	5	o	30.26	— 14	60	58	0	NN	3	o	*	?	54	—			
Sumburgh Head	30.12	55	NNW	6	r	30.24	+ 02	49	46	— 7	NE	4	c	4	57	47	0.25			
Stornoway	30.29	59	N	6	o	30.26	— 04	57	56	— 1	N	4	o	4	60	55	—			
Wick	30.28	57	NNW	5	c	30.28	— 05	56	56	+ 2	NE	1	r	2	65	53	0.16			
Nairn	30.23	57	Z	0	b	30.30	— 07	57	55	+ 2	Z	0	o	1	64	53	—			
Aberdeen	30.31	59	Z	0	b	30.30	— 08	50	48	+ 2	WSW	1	bc	0	67	47	—			
Leith	30.37	62	NN	2	b	30.34	— 10	54	53	0	N	1	bc	*	67	49	—			
Shields	30.39	57	N	3	bc	30.35	— 12	54	52	+ 6	NNW	2	b	1	63	48	—			
Spurn Head	30.44	55	SW	3	c	30.38	— 12	55	53	+ 3	NNW	3	o	3	63	51	—			
York	30.42	57	Z	0	bc	30.39	— 11	52	51	+ 3	NN	1	o	*	60	46	—			
Nottingham	30.43	57	ESE	1	o	30.40	— 10	57	55	+ 2	ESE	1	c	*	63	54	—			
Ardrossau	30.42	56	SW	2	o	30.36	— 10	57	51	0	Z	0	om	0	57	51	—			
Mullaghmore	30.43	60	Z	0	o	30.37	— 07	52	52	— 5	Z	0	c	0	64	47	—			
Donaghadee	30.46	55	SSW	1	o	30.44	— 08	54	53	+ 1	SW	1	c	0	57	50	—			
Parsonstown	30.45	56	Z	0	bc	30.37	— 10	54	53	+ 1	Z	0	o	*	58	46	—			
Barrow-in-Furness	30.44	58	NNW	2	o	30.40	— 08	56	53	+ 4	NNW	1	o	1	61	51	—			
Holyhead	30.43	60	WSW	1	o	30.39	— 07	56	54	— 2	N	2	o	1	62	56	—			
Liverpool (Bidston)	30.45	56	NNW	1	m	30.40	— 09	56	55	+ 4	N	1	o	1	62	52	—			
Valentia	30.37	61	SE	3	bc	30.28	— 15	58	55	— 2	E	3	bc	3	67	52	—			
Roche's Point	30.49	60	SE	3	o	30.39	— 12	59	57	+ 1	SE	4	o	3	64	56	—			
Pembroke	30.40	59	Z	0	f	30.34	— 09	56	56	+ 1	ENE	2	f	1	63	55	0.01			
Scilly	30.39	59	E	5	o	30.32	— 11	58	57	— 1	ESE	4	of	4	64	53	0.01			
Prawle Point	30.44	58	ENE	4	bc	30.39	— 09	59	57	0	E	2	c	2	65	57	—			
Hurst Castle	30.48	60	Z	0	o	30.40	— 07	50	50	— 6	E	1	f	1	63	46	—			
Dover	30.45	60	E	2	b	30.41	— 06	58	55	— 1	N	2	bc	0	63	56	—			
London	30.44	59	E	1	o	30.40	— 08	57	51	— 4	SW	1	f	*	64	44	—			
Oxford	30.45	50	Z	0	bc	30.42	— 08	50	50	+ 4	Z	0	of	*	59	46	0.01			
Cambridge	30.45	50	E	1	b	30.41	— 08	53	58	— 4	Z	0	om	*	64	48	—			
Yarmouth	30.44	58	NE	1	b	30.40	— 08	52	52	— 4	N	7	f	1	61	49	—			
The Helder	30.42	59	NN	1	o	30.34	— 09	60	56	+ 1	N	3	o	2	63	57	—			
Cape Gris Nez	30.46	59	NE	4	bc	30.37	— 11	58	54	+ 2	NE	1	bc	0	66	52	—			
Jersey	30.42	60	E	3	b	30.39	— 07	59	57	+ 1	E	1	bc	2	67	53	0.01			
Brest	30.35	63	SSE	3	b	30.30	— 11	55	52	0	SSE	4	b	3	72	54	—			
Lorient	30.32	64	E	4	b	30.27	— 09	54	51	+ 2	E	5	m	1	68	52	—			
Rochefort	30.24	65	ENE	7	b	30.26	— 03	57	50	— 1	ESE	5	b	1	75	48	—			
Biarritz	30.18	69	NNE	5	b	30.19	— 02	58	55	0	SSE	5	b	3	73	54	—			
Corunna	*	*	*	*	*			*							*	*	*			
Brussels	*	*	*	*	*	30.41	— 05	52	52	— 1	SW	1	f	*	61	50	—			
Charleville	30.39	58	NN	4	b	30.38	— 06	46	44	+ 4	NNW	5	m	*	77	?	—			
Paris	30.41	62	N	3	b	30.41	— 06	50	49	— 1	N	1	f	*	*	*	—			
Lyons	30.34	52	N	1	b	30.37	+ 02	44	44	— 5	N	1	f	*	66	41	—			
Toulon	30.25	64	E	4	bc	30.30	+ 09	63	54	+ 1	Z	0	b	1	68	61	—			

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

Hawes Junction	29.19	54	WSW	3	b	29.14	09	49	48	— 1	N	1	o	*	61	48	—		
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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	56	53	SW	4	bc	Valentia ...	30.41	66	59	SE	2	bm	3
Sumburgh Head	30.15	55	54	N	6	r	Scilly ...	30.41	64	61	E	5	bm	4
Stornoway ...	30.30	59	56	WSW	7	o	Dover ...	30.46	62	58	E	2	b	1
Aberdeen ...	30.34	61	56	S	1	b	London ...	30.49	61	58	ENE	1	bm	*
Shields ...	30.42	60	56	N	3	b	Yarmouth ...	30.49	61	57	Z	0	b	1
Ardrossan ...	30.45	56	55	SW	3	o	Jersey ...	30.44	65	60	E	3	bm	2
Mullaghmore ...	30.45	62	57	SW	3	c	Rochefort ...	30.25	73	65	ENE	7	b	1
Holyhead ...	30.47	62	59	WSW	1	o								

Pressure is going away slowly generally—most on our N.E. coast, and the W. wind in the north of Scotland has increased somewhat with rain at Sumburgh Head. In the south the weather is fine though misty.

## EXPLANATION OF COLUMNS.

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

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

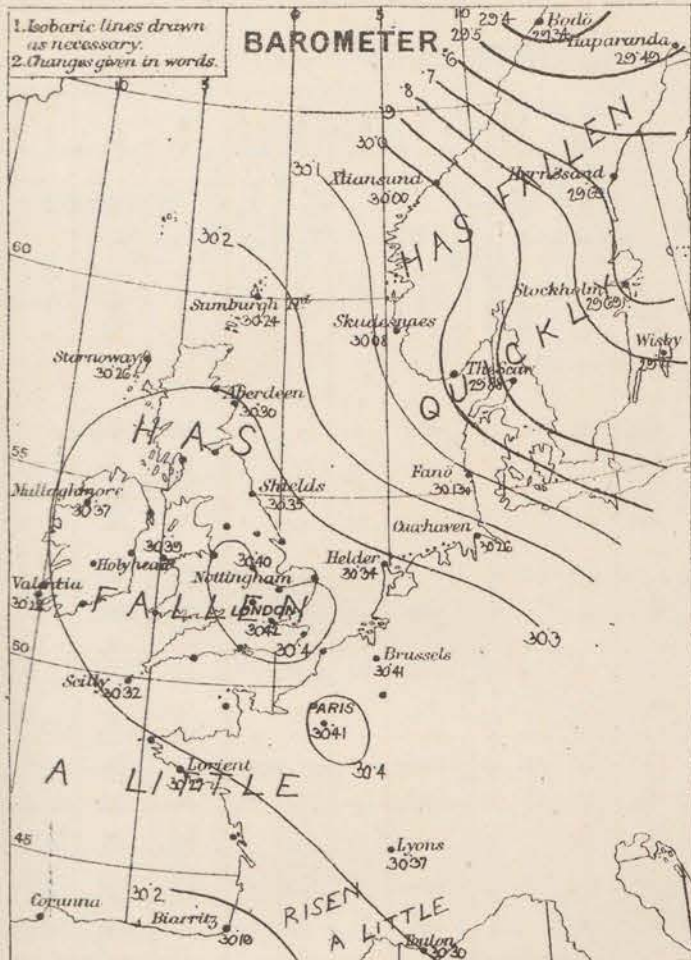
† The evening observations are taken at 6 p.m. in our Islands, except at Oxford, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

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

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



# WEATHER CHARTS for 8 a.m. on Thursday 30<sup>th</sup> SEPT<sup>r</sup> 1880.





CORRECTIONS AND ADDITIONS TO THE REPORTS FOR SEPT<sup>R</sup> 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.		
1 <sup>st</sup>	Brest.....	30.20	63	NNW	1	6	30.32	+26	59	59	-4	SE	1	f	2	68	59	-	
..	Corunna.....	*	*	*	*	*	30.19	+11	67	*	+6	?	?	6	1	*	*	*	
2 <sup>nd</sup>	Corunna.....	*	*	*	*	*	30.16	-03	68	*	+1	N	1	6	1	*	*	*	
..	Lyon.....	30.24	73	NNW	1	6c	30.33	+09	67	62	+4	NNE	1	6	*	80	58	-	
4 <sup>th</sup>	Breigny.....	30.02	83	SSE	3	6c	30.06	?	69	65	?	SE	4	0t	3	91	66	-	
..	Corunna.....	*	*	*	*	*	30.11	+40	71	*	-5	S	1	0	2	*	*	*	
6 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.08	-06	70	*	+4	SW	1	0	1	*	*	*	
..	Paris.....	30.19	75	SW	3	6c	30.23	+02	75	67	+5	E	3	6	*	*	*	-	
..	Lyon.....	30.25	68	SW	1	A	30.27	+01	62	62	-5	ENE	1	f	*	84	60	0.24	
7 <sup>th</sup>	Cushaven.....	30.13	66	NW	1	0	29.97	-11	63	62	-4	SSW	1	A	*	68	57	0.10	
..	Brest.....	30.01	59	N	5	A	30.04	-12	56	56	-6	WSW	3	6c	3	68	55	0.39	
..	Orient.....	29.97	63	NW	5	t	30.05	-09	60	58	-6	NE	4	0	1	74	59	0.95	
..	Corunna.....	*	*	*	*	*	30.01	-07	71	*	+1	S	1	0	1	*	*	*	
..	Paris.....	30.03	76	ENE	3	6	30.01	-22	?	?	?	NW	?	?	*	*	*	-	
..	Lyon.....	30.08	73	E	1	6	30.09	-18	68	66	+6	E	1	0	*	83	62	-	
8 <sup>th</sup>	Corunna.....	*	*	*	*	*	29.98	-03	67	*	-4	WSW	1	6	?	*	*	*	
9 <sup>th</sup>	Cushaven.....	30.12	63	NNE	1	c	30.04	00	59	57	-3	S	1	c	*	63	52	0.04	
10 <sup>th</sup>	The Helder.....	29.87	61	E	2	0	29.84	-18	61	60	+1	S	1	0	1	66	60	-	
11 <sup>th</sup>	Corunna.....	*	*	*	*	*	29.91	+02	65	*	-2	W	1	6	1	*	*	*	
..	Loulon.....	29.95	70	E	5	0	29.89	-05	68	66	-2	E	5	0	2	75	66	-	
13 <sup>th</sup>	The Helder.....	29.80	60	S	1	6c	29.66	+10	59	56	-3	SSE	1	6c	1	66	67	-	
..	Corunna.....	*	*	*	*	*	29.98	+16	64	*	+4	?	?	6	5	*	*	*	
..	Lyon.....	29.84	63	NE	1	0	29.88	?	59	57	?	SSW	1	6	*	71	57	0.04	
14 <sup>th</sup>	Skagen.....	29.77	62	SE	8	0	29.74	-13	59	59	-1	SW	4	0	3	64	55	0.35	
..	Corunna.....	*	*	*	*	*	29.99	+01	61	*	-3	SW	2	6	1	*	*	*	
15 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.10	+11	63	*	+2	NW	2	6	5	*	*	*	
17 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.25	+11	57	*	-6	SE	1	c	5	*	*	*	
..	Lyon.....	29.78	56	SE	1	0	29.89	+08	55	54	0	W	1	0	*	71	?	0.08	
18 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.23	-02	54	*	-3	SW	1	c	1	*	*	*	
20 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.27	+02	64	*	-2	W	2	0	5	*	*	*	
22 <sup>nd</sup>	Cushaven.....	29.99	57	WNW	3	6	30.04	+25	50	49	-3	SSW	2	f	*	55	43	-	
..	Corunna.....	*	*	*	*	*	30.10	-21	57	*	-7	SW	1	c	1	*	*	*	
..	Lyon.....	30.13	58	NE	1	0	30.18	+01	57	56	+9	NNE	1	0	*	66	51	-	
23 <sup>rd</sup>	Corunna.....	*	*	*	*	*	30.05	-05	62	*	+5	SW	1	6	1	*	*	*	
24 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.11	+06	63	*	+1	S	1	0	1	*	*	*	
27 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.09	-01	57	*	-5	SW	1	6	1	*	*	*	
28 <sup>th</sup>	The Helder.....	30.36	58	ENE	1	6	30.14	+13	57	57	-1	ENE	1	6	1	61	57	-	
..	Corunna.....	*	*	*	*	*	30.15	+06	59	*	+2	?	?	6	1	*	*	*	
30 <sup>th</sup>	Corunna.....	*	*	*	*	*	30.18	?	59	*	?	S	1	0	1	*	*	*	



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

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
				Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. 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>	Down .....	-	66	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
2 <sup>nd</sup>	York .....	-	-	-	-	-	30.29	+ .12	-	-	-	-	-	-	-	-	-	-
3 <sup>rd</sup>	Prangle Point ..	30.36	59	E	1	f	-	-	-	-	-	-	-	-	-	-	-	-
4 <sup>th</sup>	Silly .....	-	-	-	-	-	29.91	- .30	-	-	-	-	-	-	-	-	-	-
5 <sup>th</sup>	Kanavin Turners ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.18
11 <sup>th</sup>	Holyhead .....	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-
12 <sup>th</sup>	Mullaghmore ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-
13 <sup>th</sup>	Spurn Head ..	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-
14 <sup>th</sup>	Rockefort .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 <sup>th</sup>	Yarmouth .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.61
18 <sup>th</sup>	Spurn Head ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
20 <sup>th</sup>	Shields .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-
-	Holyhead .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	-
22 <sup>nd</sup>	Holyhead .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-
26 <sup>th</sup>	Hauss Junction ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07
28 <sup>th</sup>	Stunt Castle ..	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-