

21/98

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1881.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC^R 31ST 1881



DAILY WEATHER REPORT

FOR

MONDAY 1ST AUGUST

1881.

ISSUED BY THE

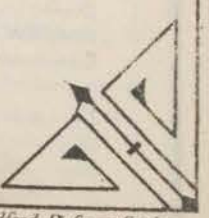

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Monday August 1st 1887

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus—
 — forces above 10; — forces 8 to 10
 — forces 5 to 7; — forces 1 to 4

○ = dead calm

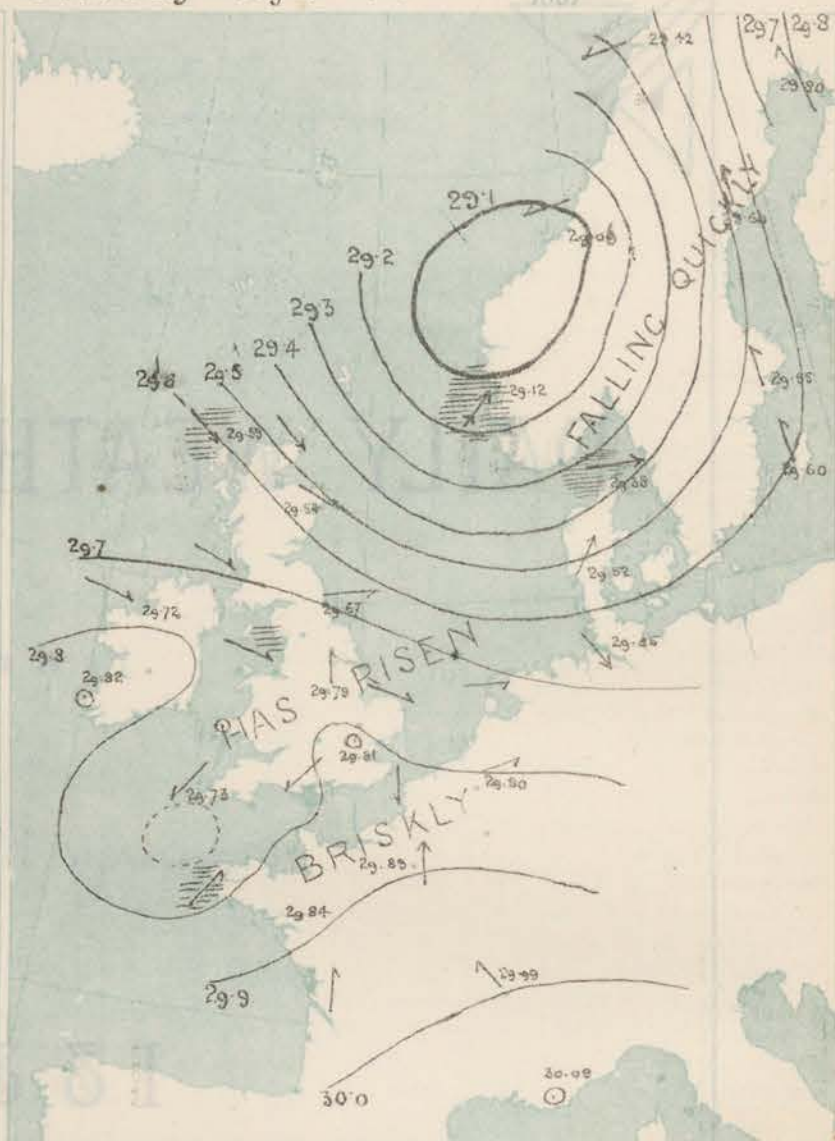
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough, — High

MEAN HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings In.
Nairn	29.863
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.911
Holyhead	29.946
Valentia	29.985
Roche's Pt.	29.976
Plymouth	30.000
LONDON	29.983
Yarmouth	29.970

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

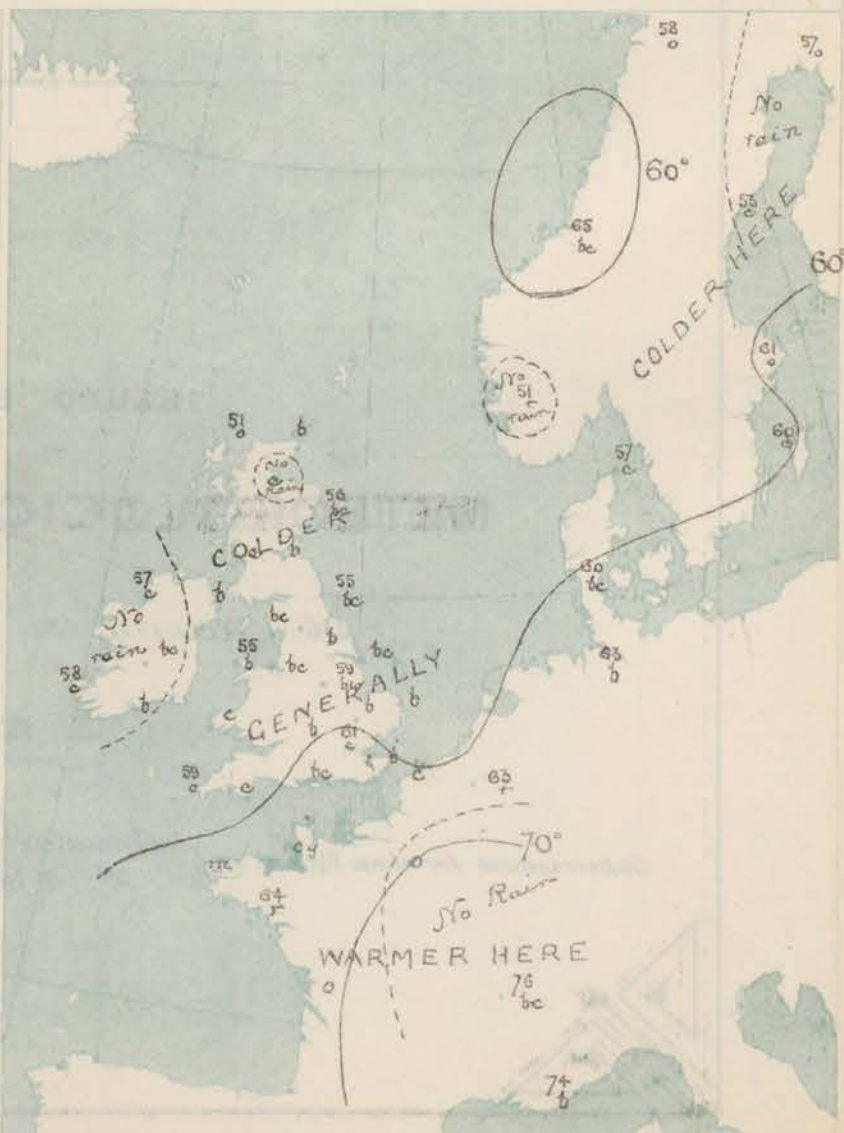
Falls of 0.4 in. or more are quoted in figures.

MEANS* of TEMPERATURE AND RAINFALL

for the month of July

Stations	Temp.	Rain-fall in.
Sunderbury Head	53.7	1.23
Stornoway	57.7	1.30
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.00
Millaghmore	62.2	0
Holyhead	61.0	1.68
Paranstown	60.7	2.79
Valentia	64.1	3.88
Sally (St Mary's)	63.2	1.19
Hurst Castle	62.8	0
Dover	62.7	2.03
LONDON	64.0	2.30
Bournemouth	62.8	2.59

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for 1881 at 8 a.m.

The weather over the United Kingdom, after being mist and unsettled yesterday has improved considerably today, but the distribution of pressure and the changes which are in progress render it highly improbable that the weather will remain fine for long.

The depression which reached our W district yesterday morning, has now reached the W. of Norway, and the barometer has risen considerably throughout our Islands. In the mean time a subsidiary disturbance has appeared at the mouth of the Channel, and seems inclined to move slowly East. Thus, while NW³ and W¹ winds are felt along our N. and E. coasts (the former blowing strongly at Wick) the wind at our S. and SW stations has fallen very light and in some instances has shifted to the End. Over France the wind is SW. Temperature has changed irregularly, over our SE. counties it is rising, and the air is close. Rain fell in all districts yesterday, heavily in some places, and thunder occurred over our W. counties. The sky has since cleared considerably, but in London there is a large amount of high cloud moving from WSW. The sea has gone down in the Channel and is now smooth both at Holyhead and Dover.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

2nd AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NW³ to W³ and SW³ winds, becoming light; changeable to showery.

2 SCOTLAND EAST

-----D^o-----D^o-----

3 ENGLAND NE

-----D^o-----D^o-----

4 ENGLAND EAST

Variable airs, then S¹ or SE³ breezes; fine and close, afterwards rainy.

5 MIDLAND COUNTIES

-----D^o-----D^o-----

6 ENGLAND SOUTH

-----D^o-----D^o-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Same as Nos 0 to 2.

7 ENGLAND N.W.

-----D^o-----

8 ENGLAND S.W.

Very variable breezes, finally SW³, light; fair on the whole.

9 IRELAND NORTH

Same as Nos 0 to 2.

10 IRELAND SOUTH

W³ to SW³ winds, light to moderate, fair to showery.

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

1st AUGUST

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.87	55	Z	0	b	29.80	-1.1	57	?	+4	SE	2	0	*	59	50	-		
Hernösand	29.71	55	S	6	0	29.60	-1.14	53	52	+3	SE	4	0	*	63	42	-		
Stockholm	29.78	58	S	4	0	29.55	-1.33	61	59	-6	S	2	0	*	68	57	0.04		
Wisby	29.75	58	SE	4	0	29.60	-1.32	60	59	-3	SE	2	0	*	75	54	0.12		
Bodö	29.54	59	NE	2	c	29.42	-1.23	58	55	+4	E	4	0	2	59	54	0.08		
Christiansund	29.40	56	E	1	c	29.09	-1.46	65	57	+9	ENE	3	60	2	?	45	0.20		
†Skudesnaes	29.75	56	SE	5	0	29.12	-1.44	51	48	-4	SW	9	N	7	57	?	-		
(Oslo) (Kristiansund)	29.52	59	SSW	4	0	29.28	-1.35	54	52	-5	WSW	6	0	4	61	54	0.64		
Skagen (The Skaw)	29.58	59	SW	2	0	29.38	-1.29	57	53	-3	W	7	0	7	64	55	0.28		
Fanö	29.54	60	SE	4	N	29.52	-1.13	60	55	-1	SW	6	60	*	66	57	0.24		
Cuxhaven	29.67	69	WSW	3	N	29.65	-0.07	63	59	-2	NW	5	6	*	68	59	0.37		
†Sumburgh Head																			
†Stornoway	29.31	56	NNW	4	c	29.59	+1.22	51	50	-5	NW	5	0	5	60	48	0.15		
Wick	29.33	55	NW	1	N	29.45	+0.5	52	49	+4	NW	7	6	4	63	48	0.10		
Nairn	29.33	55	Z	0	c	29.56	+1.5	54	50	-3	W	4	0	2	66	49	-		
†Aberdeen	29.30	53	Z	0	N	29.54	+0.9	56	50	-1	WNW	4	60	1	60	46	0.34		
Leith	29.34	59	W	1	c	29.64	+1.8	57	53	+3	NW	1	6	*	60	49	0.12		
†Shields	29.23	55	W	5	0	29.67	+1.0	55	51	-2	W	4	60	2	56	48	0.69		
Spurn Head	29.28	65	WSW	6	c	29.73	+1.6	57	54	-2	WSW	4	60	4	71	51	0.03		
York	29.20	61	W	4	c	29.73	+1.6	57	52	-2	W	3	6	*	69	49	0.42		
Nottingham	29.43	63	W	6	c	29.79	+1.31	59	56	-1	S	2	60	*	73	42	0.06		
†Ardrossan	29.38	59	NW	4	b	29.69	+1.25	55	51	+2	NW	3	c	2	61	51	0.13		
†Mullaghmore	29.53	59	NNW	5	b	29.72	+1.29	57	53	-1	WNW	4	c	4	61	51	-		
Donaghadee	29.45	57	NW	3	60	29.75	+1.32	57	54	+6	NW	2	6	0	59	47	0.07		
Parsonstown	29.57	63	NNW	2	b	29.83	+1.43	54	52	0	NW	1	60	*	66	41	-		
Barrow-in-Furness	29.39	58	WSW	3	c	29.68	+1.27	54	52	-2	WNW	4	60	5	58	52	0.47		
†Holyhead	29.49	58	W	3	b	29.79	+1.52	55	53	-1	WNW	3	6	2	59	51	0.18		
Liverpool (Bidston)	29.44	57	W	6	b	29.77	+1.40	56	52	-1	W	3	60	3	66	51	0.64		
†Valentia	29.64	60	NW	4	c	29.82	+1.88	58	54	+2	Z	0	c	1	63	47	-		
Roche's Point	29.64	58	NNW	5	60	29.81	+1.48	54	51	-3	NNW	2	6	4	64	48	-		
Pembroke	29.53	57	NW	2	c	29.79	+1.50	56	52	-4	NE	1	0	2	61	51	0.02		
†Scilly	29.58	62	WNW	4	c	29.73	+1.30	59	58	-4	ENE	2	0	4	66	56	0.01		
Prawle Point	29.59	59	WSW	2	0	29.78	+1.27	57	56	-3	ENE	2	c	2	62	52	0.10		
Hurst Castle	29.56	62	WSW	8	c	29.80	+1.20	61	58	+1	NE	1	60	3	63	55	0.36		
†Dover	29.56	62	SW	6	om	29.80	+1.08	60	56	0	NE	2	6	1	63	56	0.28		
†London	29.52	66	SW	5	opq	29.81	+1.15	61	56	+2	WNW	1	c	*	67	54	0.25		
Oxford	29.57	60	WNW	1	c	29.80	+1.27	59	56	+1	Z	0	6	*	72	49	0.31		
Cambridge	29.41	66	WSW	4	N	29.81	+1.20	59	56	0	W	1	6	*	70	46	0.19		
†Yarmouth	29.43	66	SW	5	cq	29.79	+1.11	58	54	-4	WNW	2	6	1	67	49	0.23		
The Helder	29.52	64	SW	4	N	29.76	+1.01	60	55	-2	W	2	60	3	64	59	0.16		
Cape Gris Nez	29.53	66	SW	8	0	29.81	+1.04	60	58	-2	N	3	c	3	68	55	0.75		
†Jersey	29.69	65	SW	6	0	29.83	+1.11	64	63	+2	WSW	2	cq	3	66	61	0.20		
Brest	29.71	62	WSW	5	f	29.75	+1.05	61	61	0	SW	3	m	5	63	59	0.12		
Lorient	29.76	66	WSW	7	b	29.84	+1.06	64	64	-1	SW	4	6	4	66	63	0.59		
†Rocheport	29.95	72	WSW	7	60	29.96	+1.01	69	68	0	S	4	0	2	?	64	-		
Biarritz																			
Corunna																			
Brussels						29.80	-0.02	63	62	-2	WSW	1	N	*	71	62	0.12		
Charleville	29.80	72	SSW	3	c	29.84	+0.05	67	63	+4	SW	5	N	*	75	?	0.04		
Paris	29.80	72	S	1	0	29.84	-0.02	70	66	+4	S	5	0	*	*	*	-		
Lyons	29.84	83	S	7	b	29.94	-0.02	76	63	+5	SE	1	6	*	89	66	-		
Toulon	30.08	76	WSW	3	6	30.09	-0.03	74	69	+6	Z	0	6	1	82	68	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Bawes Junction	28.14	52	NW	2	0	28.49	+1.24	50	49	-2	W	2	c	*	54	45	0.64		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.			
Skudesnaes ...	29.49	37	56	S	4	26	Valentia ...									
Sumburgh Head							Scilly ...									
Stornoway ...							Dover ..									
Aberdeen ...							London ...						*			
Shields ...							Yarmouth ...									
Ardrossan ...							Jersey ...									
Mullaghmore ...							Rocheport ...	29.95	74	68	WSW	9	c			
Holyhead ...																
							San Maria (49°55'N 3°15'W) ...	24.98	37	37	WSW	3	0	48	34	0.60

EXPLANATION OF COLUMNS.

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

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

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

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

1881.

METEOROLOGICAL OFFICE

S. W.

WEATHER CHARTS

for 8 a.m. on TUESDAY, 2ND AUGUST.

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—

— forces above 10; — forces 8 to 10

— forces 6 to 7; — forces 4 to 5

○ = dead calm.

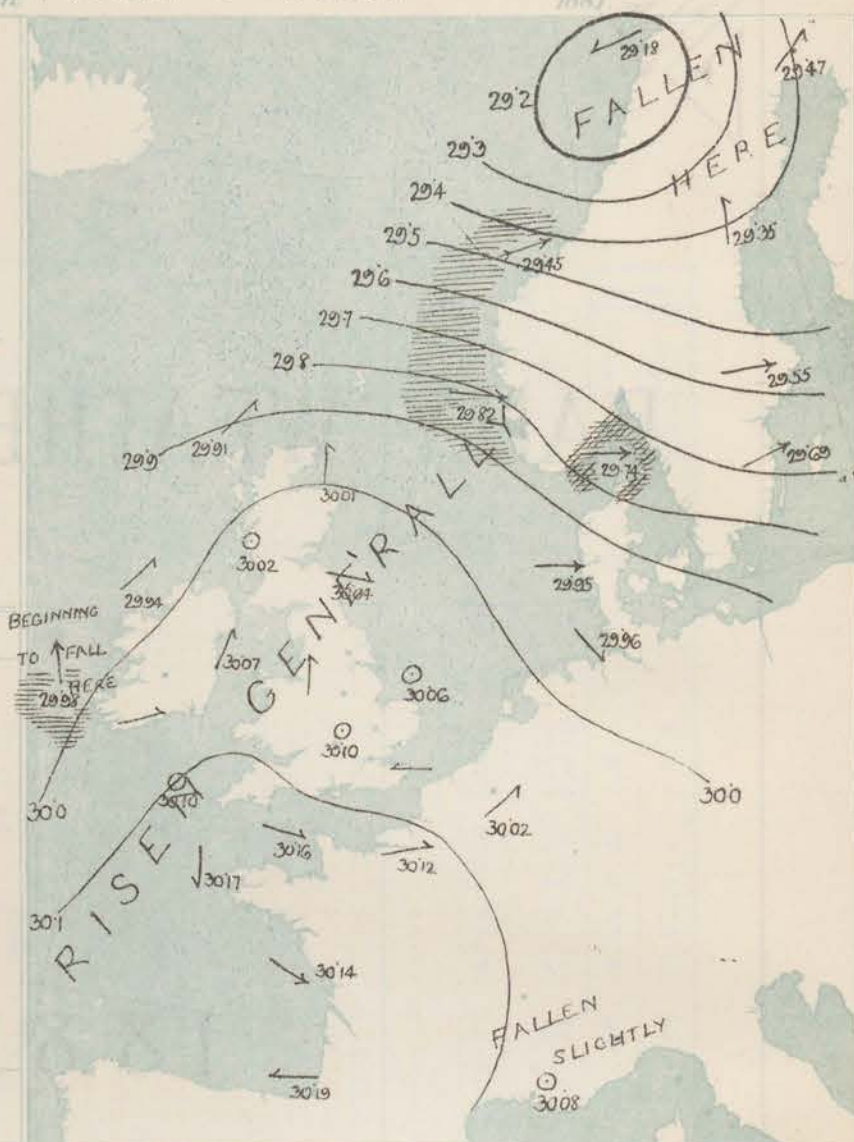
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings in.
Nairn	29.853
Aberdeen	29.857
Leith	29.871
Scarborough	29.952
Ardrossan	29.908
Greenock	29.919
Holyhead	29.939
Valencia	29.963
Roske's Pt.	29.983
Plymouth	30.007
LONDON	30.088
Yarmouth	30.106

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

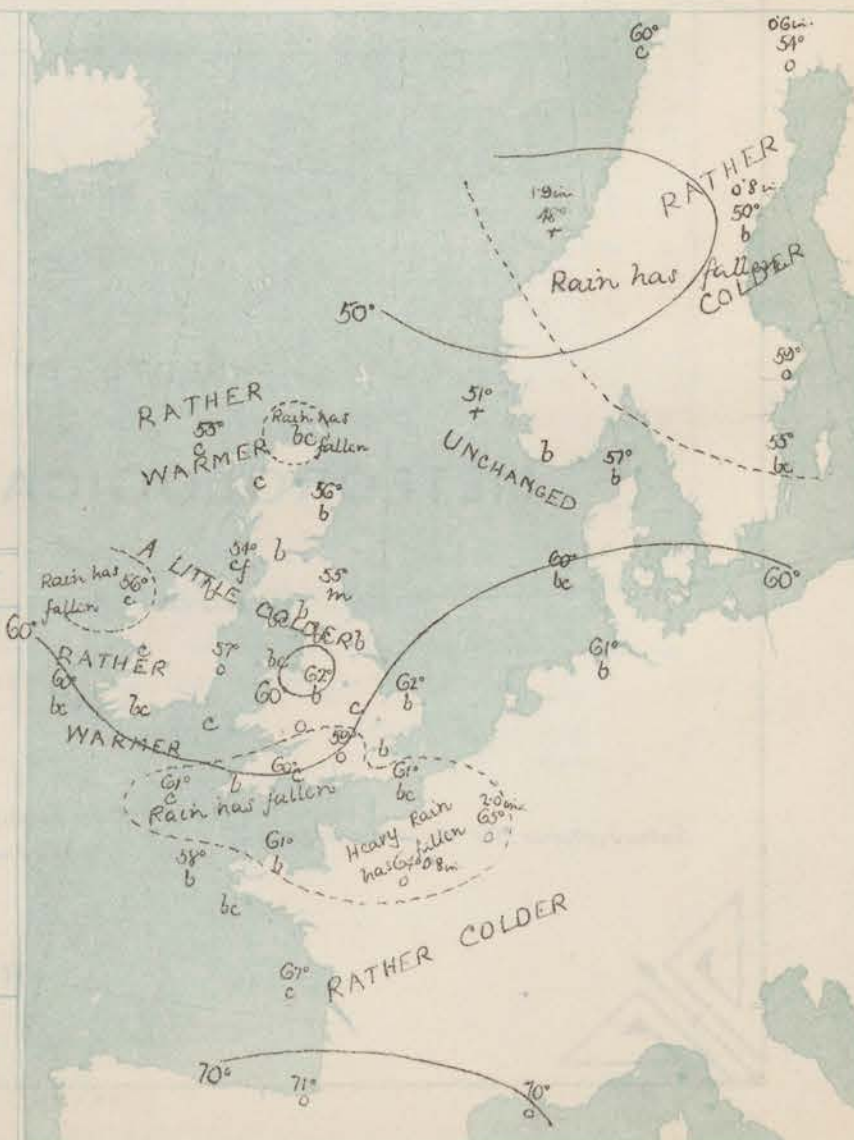
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August.

Stations.	Temp.	Rain-fall
Samburgh Head	54.4	3.32
Stormy	54.8	3.82
Aberdeen	57.5	3.23
Shildie	58.9	2.40
York	60.2	2.27
Mullaghmore	59.6	?
Holyhead	60.1	2.47
Paranstown	59.4	3.50
Valencia	60.3	1.08
Sally (St Mary's)	62.0	2.20
Hurst Castle	63.0	?
Dover	62.4	2.19
LONDON	63.3	1.97
Yarmouth	61.7	1.77

*The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY, 2ND AUGUST 1881, at 8 a.m.

During the past night a brisk increase of pressure has taken place over France, the whole of these Islands and the eastern shores of the North Sea, but in Sweden the mercury has fallen rather quickly, and at Valencia a slight decrease has now commenced. The depression noticed near Hudonnes yesterday has passed on N^W towards Bodo, while a fresh disturbance seems to be approaching the W. coast of Ireland. A large anticyclone lies over the British Isles and France, and light breezes between SW. and NW. prevail within that area, but in Scandinavia and Denmark W^W gales are reported, while at Valencia a strong SSE wind has sprung up. The weather is wet in the W. of Norway, but is fine or moderately so in most other places. A sharp shower^{fell} over the south of England and north of France last evening and heavy rain has occurred in Scandinavia, but elsewhere the weather was dry. Temperature ranges from 61° at Jersey to 53° at Leith, while the maxima yesterday were 75° at Nottingham, 73° in London and 71° at Cambridge. Sea is rough at Valentia, and very rough in the E. part of the North Sea.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

3RD AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH Moderate or fresh SW^W and W^W winds, dull, some rain.

3 SCOTLAND EAST Light W^W winds; fair and warm then dull and some rain.

2 ENGLAND N.E. ————— S^W ————— S^W

3 ENGLAND EAST Calms and variable airs then fresh S^W winds; fine to dull.

4 MIDLAND COUNTIES Variable air, to fresh SW^W winds; fine, hazy, warm, then dull and unsettled.

5 ENGLAND SOUTH ————— S^W ————— S^W

DISTRICTS

FORECASTS

6 SCOTLAND WEST SW^W winds, moderate and fresh; cloudy, some rain.

7 ENGLAND N.W. SW^W to W^W winds, light to fresh, fine to dull and unsettled.

8 ENGLAND S.W. S^W and SW^W winds, fresh or strong; cloudy, some rain.

9 IRELAND NORTH S^W winds, fresh and strong; fair to dull and some rain, squally.

10 IRELAND SOUTH ————— S^W ————— S^W

WARNINGS

None Issued

METEOROLOGICAL OBSERVATIONS FOR

2ND AUGUST 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 55° F. Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.58	59	S	2	h	29.47	+ 3.3	54	54	- 3	SW	4	0	*	70	52	0.59	
Hernösand	29.26	53	S	8	f	29.35	- 2.5	50	49	- 3	S	4	0	*	59	50	0.79	
Stockholm	29.54	56	WSW	4	b	29.55	0.0	59	62	- 2	W	6	0	*	64	55	0.04	
Wisby	29.65	59	W	4	b	29.69	+ 0.9	55	52	- 5	WSW	6	6c	*	72	55	0.04	
Bodö	29.29	60	NE	4	0	29.18	- 2.4	60	58	+ 2	NE	2	c	1	61	50	0.08	
Christiansund	29.08	55	WSW	6	f	29.45	+ 3.6	48	48	?	WSW	9	h	6	57	39	1.93	
Skudesnaes	29.58	53	WNW	5	h	29.82	- 7.0	51	50	0	WNW	7	h	5	54	50	-	
Oxö (Klansund)	29.54	55	WSW	8	6c	29.73	+ 4.5	57	51	+ 3	WSW	6	b	3	57	52	-	
Skagen (The Shaw)	29.63	55	W	8	6c	29.74	+ 3.6	57	53	0	W	7	b	8	61	54	-	
Fanö	29.84	55	SW	2	6c	29.95	+ 4.3	60	56	0	W	6	6c	*	63	52	-	
Cuxhaven	29.86	70	WNW	4	b	29.96	+ 3.1	61	54	- 2	WNW	3	b	*	?	55	-	
†Samburgh Head																		
†Stornoway	29.81	55	NW	4	b	29.91	+ 3.2	55	54	+ 4	SSW	4	c	3	55	44	-	
Wick	29.76	54	WNW	6	ow	29.95	+ 5.3	56	52	+ 4	W	2	6c	2	59	49	0.02	
Nairn	29.76	55	W	3	6c	29.94	+ 3.3	56	50	+ 2	Z	0	c	0	60	45	-	
†Aberdeen	29.77	58	WNW	4	b	30.01	+ 4.7	56	50	0	S	2	b	1	61	39	-	
Leith	29.81	60	NW	1	b	30.02	+ 3.8	53	50	- 4	WNW	1	b	*	62	46	-	
†Shields	29.79	61	W	3	c	30.04	+ 3.7	55	53	0	WNW	1	m	2	62	45	-	
Spurn Head	29.82	63	NW	3	6c	30.07	+ 3.4	55	53	- 2	WNW	4	b	3	64	51	-	
York	29.83	61	W	2	b	30.07	+ 3.4	55	51	- 2	W	1	6c	*	66	43	-	
Nottingham	29.82	62	WNW	1	6c	30.09	+ 3.0	62	56	+ 3	S	1	b	*	75	42	-	
†Ardrossan	29.86	60	WNW	3	6c	30.02	+ 3.3	54	51	- 1	ESE	1	6c	1	63	41	-	
†Mullaghmore	29.88	60	WNW	3	b	29.94	+ 2.2	56	51	- 1	SSW	3	c	2	62	44	0.06	
Doughadee	29.95	56	WNE	3	6c	30.03	+ 2.8	54	52	- 3	SSE	2	b	0	62	41	-	
Parsonstown	29.90	63	NW	1	6c	30.02	+ 1.9	55	53	+ 1	SE	1	c	*	66	48	-	
Barrow-in-Furness	29.88	58	WSW	3	b	30.06	+ 3.8	54	52	0	ESE	3	6c	3	62	48	-	
†Holyhead	29.89	58	WNW	2	b	30.07	+ 2.8	57	54	+ 2	SSW	3	0	2	59	55	-	
Liverpool (Bidston)	29.87	60	NW	1	b	30.08	+ 3.1	59	52	+ 3	SW	1	6c	1	61	50	-	
†Valentia	29.93	63	W	2	b	29.98	+ 1.6	60	57	+ 2	SSE	6	6c	6	65	52	-	
Roche's Point	29.91	60	SSW	2	6c	30.03	+ 2.2	58	55	+ 4	SW	2	6c	4	65	50	-	
Pembroke	29.87	59	N	2	b	30.08	+ 2.9	57	55	+ 1	E	1	c	0	63	50	-	
†Scilly	29.88	60	N	4	0	30.10	+ 3.7	61	57	+ 2	Z	0	c	3	61	52	0.03	
Prawle Point	29.84	59	NE	1	0	30.12	+ 3.4	60	55	+ 3	WNW	1	b	1	61	49	0.30	
Hurst Castle	29.80	61	SW	1	0	30.08	+ 2.8	60	57	- 1	ESE	2	c	1	67	55	0.11	
†Dover	29.82	63	E	2	6c	30.05	+ 2.5	65	60	+ 5	E	2	b	0	65	58	-	
†London	29.82	64	Z	0	h	30.10	+ 2.9	59	55	- 2	Z	0	0	*	73	55	0.17	
Oxford	29.85	62	Z	0	c	29.99	+ 1.9	58	54	- 1	WNW	1	0	*	67	54	-	
Cambridge	29.81	67	N	1	0	30.10	+ 2.9	56	54	- 3	NW	1	c	*	71	52	-	
†Yarmouth	29.83	62	SE	3	b	30.06	+ 2.7	62	58	+ 4	Z	0	b	1	65	54	-	
The Helder																		
Cape Gris Nez	29.86	63	ESE	4	0	30.04	+ 2.3	61	59	+ 1	ESE	3	6c	2	68	59	0.04	
†Jersey	29.86	65	W	2	6c	30.16	+ 3.3	61	57	- 3	WNW	4	b	3	71	57	0.10	
Brest	29.84	62	SW	5	0	30.14	+ 4.2	58	57	- 3	N	3	b	3	61	55	-	
Lorient	29.88	65	W	5	m	30.15	+ 3.1	59	57	- 5	NW	3	6c	4	70	55	0.08	
†Roche fort	29.99	73	W	7	0	30.14	+ 1.8	64	63	- 2	NW	3	c	2	81	63	-	
†Biarritz	30.05	75	WNW	5	6c	30.14	+ 1.8	64	66		E	1	0	4	79	63	-	
Coruna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville	29.97	68	NW	1	0	30.02	+ 1.3	65	61	- 2	SW	1	0	*	77	64	1.97	
Paris	29.98	68	SW	3	0	30.12	+ 2.3	64	63	- 6	WSW	3	0	*	*	*	0.83	
Lyons														*				
Toulon	30.08	77	SE	1	m	30.08	- 0.1	70	69	- 4	Z	0	0	2	81	66	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.61	54	WNW	1	6c	28.52	+ 3.3	50	47	0	S	1	b	*	60	38	-	

HIGH LEVEL STATION.

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

Hawes Junction	28.61	54	WNW	1	6c	28.32	+ 3.3	50	47	0	S	1	h	h	60	38	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.				
Skudesnaes ...	29.37	58	51	WSW	9	N	8	Valentia ...	29.89	62	55	NW	2	bc	3		
Sunburgh Head								Scilly ...	29.79	60	59	NE	3	0	4		
Stornoway ...	29.71	54	50	NW	4	0	4	Dover ..	29.93	63	58	E	2	bc	1		
Aberdeen ...	29.70	59	52	N	4	0	1	London ...	29.80	69	60	SE	1	c	*		
Shields ...	29.74	61	58	W	5	e	2	Yarmouth ...	29.82	63	58	ESE	3	b	2		
Ardrossan ...	29.80	59	53	WNW	3	e	2	Jersey ...	29.82	68	66	S	1	bc	1		
Mullaghmore ...	29.80	60	55	WNW	4	bc	3	Roche fort ...	29.95	78	73	W	5	0	3		
Holyhead ..	29.86	58	54	WNW	3	b	2	Ben Nevis (4406 ft.) 9 am on 12			25.17	34	34	N	3	0	Max 41 Min 31 Rain 0.22

Pressure is increasing everywhere and the depression in the S. is travelling slowly E. The wind is NW. and N. in the N. and W. and E. in the SE. while the weather is generally moderately fine. Temperature ranges from 69° in London to 54° at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

WEDNESDAY, 3RD AUGUST.

1881.

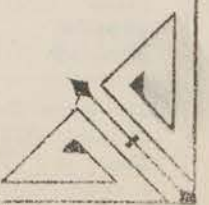
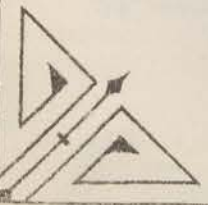
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METEOROLOGICAL OFFICE

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ROBERT H. SCOTT
(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 3RD AUGUST 1881.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

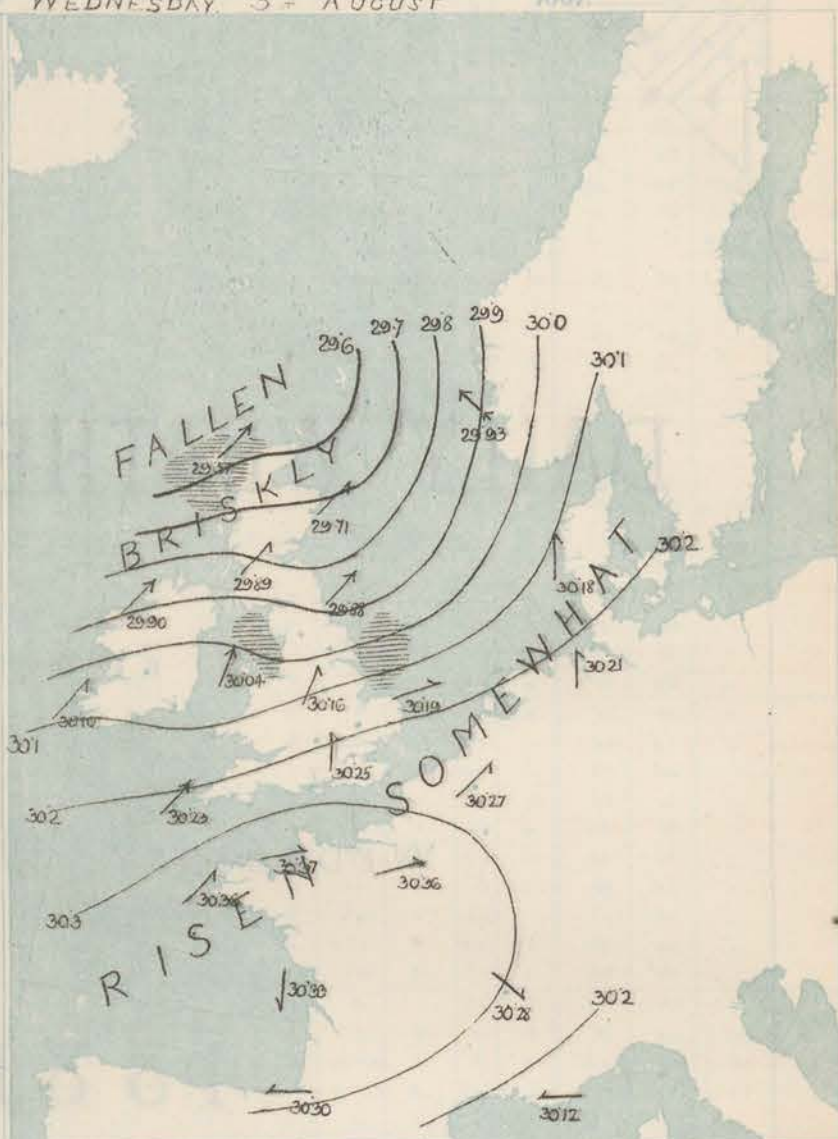
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10
→→ forces 5 to 7; →→ forces 1 to 4.
○, dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast, thus: - Rough; - High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings.
Nairn	29 853
Aberdeen	29 877
Leith	29 893
Scarborough	29 874
Ardrossan	29 908
Greencastle	29 909
Holyhead	29 939
Valencia	29 965
Roche's Pt.	29 983
Plymouth	30 007
LONDON	29 988
Yarmouth	29 968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Wednesday 3rd Augth 1881 at 8 a.m.

A large depression has advanced to the N. of Scotland, and is occasioning a brisk fall of the barometer over our N^o and NE districts, while in the W. and S. a recovery has commenced, and over France and N. Germany the barometer is rising steadily. Gradients are rather steep over the British Isles, and the winds which is SW^{ly} to W^{ly} in direction blow strongly on many parts of our coast. Over France an area of high pressure is still shown, W^{ly} winds are reported in the N. of that country and ^{and SE winds in Norway. The weather is very fine over France, N. Germany,} E^{ly} winds in the south, while S^{ly} winds are felt in North Germany, and on the SE. coast of England, but is cloudy or dull over nearly the whole of these Islands, with rain in some places.

Temperature has risen except over France, and ranges from 63° at Scilly to 55° at Stromway. The maxima were 77° at Nottingham, 71° in London and 70° at Cambridge.

The sea is rough on our NW. coast, moderate to smooth on our other coast

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

4th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

SW^{ly} and W^{ly} winds, strong; showery, unsettled.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

3 ENGLAND NE

SW^{ly} to NW^{ly} winds, fresh; cloudy, showery.

4 ENGLAND E

S^{ly} to W^{ly} winds, moderate and fresh; close and damp, rain at times, with bright intervals

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

6 SCOTLAND WEST

SW^{ly} and NW^{ly} winds, strong, cloudy, showery.

7 ENGLAND N.W.

SW^{ly} and W^{ly} winds, strong; dull, some rain.

8 ENGLAND S.W.

SW^{ly} and W^{ly} winds, fresh and moderate; dull, rain.

9 IRELAND NORTH

SW^{ly} to NW^{ly} winds, variable, moderate to strong, cloudy, showery.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR

3rd AUGUST

1881.

† YESTERDAY EVENING.						8 A.M. TO DAY.									FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Max.	Min.		
Haparanda																	
Hernösand																	
Stockholm																	
Wisby																	
Bodö																	
Christiansund																	
†Skudesnaes	33.08	53	W	2	b	29.93	+1.1	53	51	+2	SE	8	0	5	?	?	
Orö (Klansund)	29.99	57	WNW	2	b	30.09	+3.6	53	50	-4	W	2	0	2	63	48	
Skagen (The Skaw)																	
Faro	30.19	54	W	2	c	30.18	+2.3	63	59	+3	W	1	0	*	63	50	
Cuxhaven	30.18	?	WNW	3	c	30.21	+2.5	54	56	-2	S	2	0	*	61	48	
†Sumburgh Head																	
†Stornoway	29.74	58	SSW	5	b	29.57	-3.4	55	55	0	SW	7	0	6	59	50	0.25
Wick	29.88	56	SSW	5	0	29.60	-3.5	56	56	0	W	4	0	4	62	53	0.10
Nairn	29.85	63	WSW	3	0	29.65	-2.9	58	52	+2	WSW	5	0	3	66	56	-
†Aberdeen	29.96	56	S	5	b	29.71	-3.0	62	55	+6	SW	4	0	1	62	53	0.02
Leith	29.98	64	SW	1	b	29.80	-2.2	60	55	+7	W	4	0	*	65	40	0.08
†Shields	30.03	64	WSW	4	b	29.88	-2.6	61	59	+6	SW	5	0	3	64	54	0.02
Spurn Head	30.11	64	S	4	c	30.08	+0.1	57	56	+2	SSW	5	0	5	65	55	0.12
York	30.10	65	WNW	1	b	30.02	-0.5	58	57	+3	SSW	2	0	*	67	53	0.05
Nottingham	30.14	63	SSW	1	b	30.10	+0.7	63	59	+1	SSW	4	0	*	77	51	0.02
†Ardrossan	29.96	59	S	4	0	29.84	-1.3	58	54	+4	SW	3	0	3	64	53	0.28
†Mullaghmore	29.77	60	SSW	7	0	29.90	-0.4	57	54	+1	SW	6	0	5	65	54	0.12
Donaghadee	29.96	59	S	6	b	29.95	-0.8	58	56	+4	W	4	0	2	61	54	0.06
Parsonstown	29.94	62	SSW	3	0	30.05	+0.3	60	57	+5	SW	3	0	*	67	55	0.15
Barrow-in-Furness	30.16	60	SW	4	b	29.94	-1.2	60	59	+6	SW	6	0	5	64	54	0.22
†Holyhead	30.08	61	SSW	4	b	30.04	-0.3	59	59	+2	SSW	6	0	4	64	55	0.06
Liverpool (Bidston)	30.11	62	WSW	3	c	30.03	-0.5	63	61	+4	SW	4	0	3	68	55	0.60
†Valentia	29.91	62	S	8	q	30.10	+1.2	61	60	+1	SW	3	0	4	63	58	0.14
Roche's Point	30.02	60	SW	5	0	30.09	+0.6	61	60	+3	SW	4	0	4	64	56	0.35
Pembroke	30.12	60	WNW	5	b	30.11	+0.3	60	60	+3	SW	5	0	4	63	56	-
†Scilly	30.18	64	SW	5	b	30.23	+1.3	63	62	+2	SW	5	0	4	67	60	-
Prawle Point	30.23	59	WSW	3	b	30.29	+1.7	59	58	-1	SW	4	0	3	65	56	-
Hurst Castle	30.17	65	WNW	4	b	30.27	+1.9	61	59	+1	W	5	0	3	68	58	-
†Dover	30.17	64	S	2	b	30.26	+2.1	62	57	-3	WSW	3	0	1	67	57	-
†London	30.15	66	S	1	c	30.25	+1.5	60	57	+1	S	2	0	*	71	50	-
Oxford	30.18	60	Z	0	b	30.21	+2.2	59	57	+1	S	1	0	*	68	52	-
Cambridge	30.20	68	N	1	0	30.20	+1.0	55	54	-1	S	1	0	*	70	54	-
†Yarmouth	30.14	63	SSW	2	b	30.19	+1.3	61	56	-1	WSW	3	0	2	65	52	-
The Helder	30.19	62	ESE	1	c	30.19	+1.6	60	56	0	S	1	0	1	68	54	-
Cape Gris Nez	30.19	66	WSW	3	b	30.07	+0.3	61	57	0	SSW	3	0	2	70	59	-
†Jersey	30.27	64	WNW	1	b	30.37	+2.1	61	57	0	WSW	3	0	3	65	55	-
Brest	30.28	63	W	3	b	30.36	+1.9	60	58	+2	SW	4	0	3	66	59	-
Lorient	30.26	64	W	4	b	30.30	+1.5	59	55	0	E	3	0	1	68	55	-
†Rochefort	30.25	68	WNW	5	b	30.33	+1.9	64	60	-3	N	4	0	2	75	59	-
Biarritz	30.28	71	N	4	b	30.30	+1.1	68	61	-3	E	4	0	3	75	61	-
Corunna																	
Brussels						30.27	+2.1	59	57	+2	SW	3	0	*	73	57	-
Charleville	30.04	63	E	1	b	30.30	+2.8	59	59	-6	SW	1	0	*	77	54	0.12
Paris	30.21	70	W	1	b	30.36	+2.4	62	55	-2	WSW	1	0	*	*	*	0.04
Lyons	30.15	73	NE	4	b	30.28	+1.5	68	57	-8	WNW	4	0	*	87	63	-
Toulon	30.06	?	W	7	b	30.11	+0.3	69	68	-1	E	3	0	2	84	68	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.85	57	SSW	2	b	28.93	-0.9	56	55	+6	W	3	0	*	61	49	0.29

HIGH LEVEL STATION.

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

Hawes Junction	28.85	57	SSW	2	b		28.93	-0.9	56	55	+6	W	3	0	*	61	49	0.29
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.											
Skudesnaes ...	30.01	56	50	wnw	4	b	4	Valentia ...	29.94	61	59	sse	8	omw	7									
Sumburgh Head								Scilly ...	30.16	66	61	sw	4	b	4									
Stornoway ...	29.86	58	57	sse	5	b	4	Dover ..	30.13	66	60	e	2	b	1									
Aberdeen ...	30.01	59	54	s	5	b	1	London ...	30.14	68	60	nw	1	cm	*									
Shields ...	30.04	58	55	e	2	b	3	Yarmouth ...	30.14	64	61	sse	3	b	2									
Ardrossan ...	30.00	62	57	s	3	b	2	Jersey ...	30.26	64	57	w	3	b	3									
Mullaghmore ...	29.86	63	57	s	6	org	4	Rochefort ...	30.23	73	65	nw	3	b	2									
Holyhead ...	30.11	64	60	sw	4	b	3	Ben Nevis (4406 Ft.) 9 am on 2nd. ...								25.46	35	35	ssew	2	0	36	31	0.0

Pressure is giving way slowly in the extreme W. with a Sth gale and ugly appearance at Valentia, but elsewhere the mercury still rises and the weather is fair. Temperature ranges from 68° in London to 58° at Stornoway.

EXPLANATION OF COLUMNS.

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

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

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

† These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

THURSDAY, 4TH AUGUST.

1881.

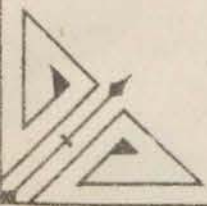
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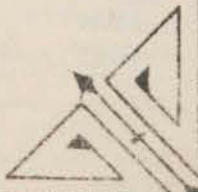
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on THURSDAY, 4TH AUGUST. 1887

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

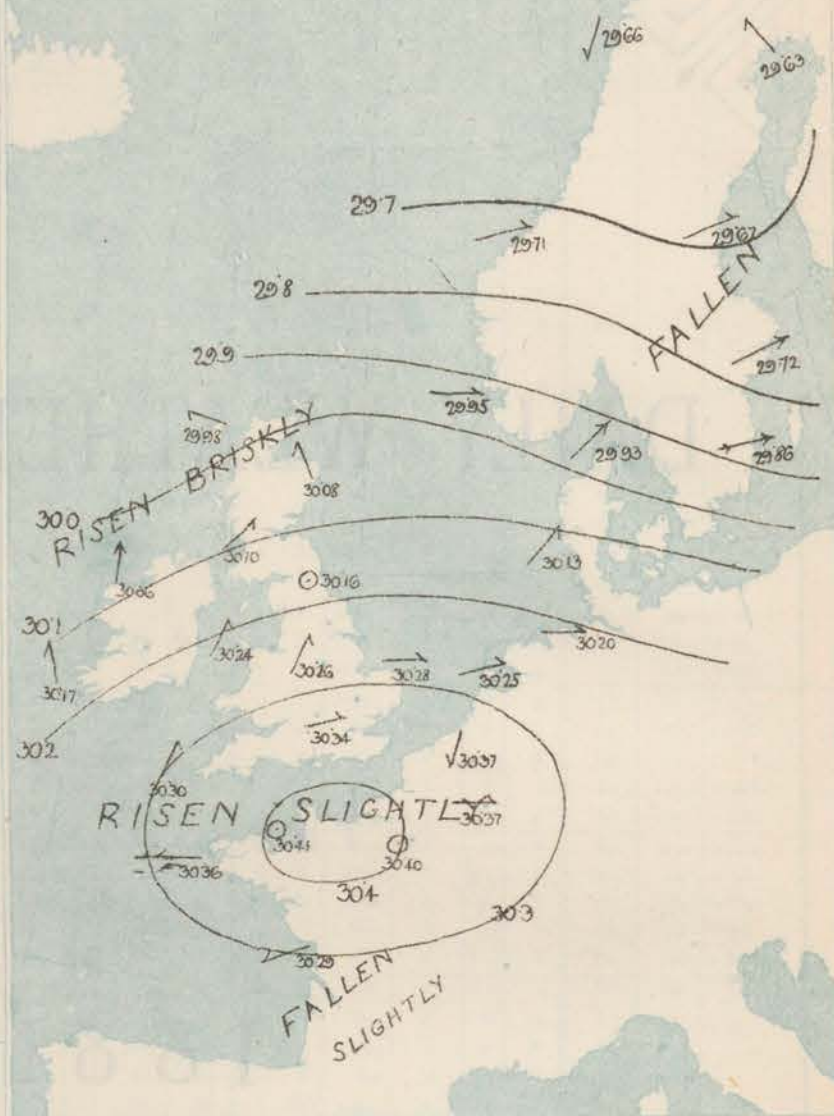
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — force above 10; — force 8 to 10
 — force 5 to 7; — force 1 to 4
 ☉ — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings.
Naze	29.537
Aberdeen	29.463
Leith	29.487
Scarborough	29.874
Ardrossan	29.908
Greenock	29.909
Holyhead	29.939
Valencia	29.925
Rock's Pt.	29.985
Plymouth	30.107
LONDON	29.988
Farmouth	29.864

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 1°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-Fall
Scunthorpe Head	54.4	2.32
Stormy Bay	54.9	3.87
Aberdeen	57.5	3.37
Shetlands	58.9	2.40
Leith	60.7	2.37
Millingham	59.0	?
Holyhead	60.7	2.42
Parsonstown	59.6	2.20
Valencia	60.0	1.08
Sally (St. Mary's)	62.0	2.70
Harst Castle	63.0	?
Dover	62.4	1.74
LONDON	63.6	1.81
Farmouth	61.7	1.77

* The mean Temperatures are those for the 18 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for THURSDAY 4TH AUGUST. 1881. at 8 a.m.

The anticyclone noticed over France yesterday morning has since travelled N^Wd, and is now shown over the south of England and north of France. It is occasioning an increase of pressure over nearly the whole of our area, but in the west of Ireland there has been a slight decrease, and there are signs of the approach of a depression to that neighbourhood. The wind is E^S over France to the S^Wd of the high pressure, and S^W to W to the N^Wd of that region, while in the west of Ireland moderate to strong S^S winds due to the incoming depression are reported, and in the South of Scandinavia strong W^W winds owing to the low pressure over that region. The weather is fine though hazy in the neighbourhood of the high pressure, but is dull in the W. and N. with drizzling rain in some places. Slight rain has occurred in many parts of the country. Temperature has fallen in the N. risen elsewhere, and readings range from 70° at Nottingham to 51° at Sornoway. The maxima yesterday were a little above 70° over Central England. The sea is generally moderate to smooth except in the Skager Rack.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5TH AUGUST.

ISSUED AT 11 a.m. on previous day.

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Moderate breezes between S. and W.; dull, some rain.	6 SCOTLAND WEST	SW ^W winds, moderate to fresh, dull some rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	S ^S and SW ^W winds, moderate to fresh, cloudy, hazy.
3 ENGLAND N.E.	SW ^W and W ^W breezes, light, cloudy, fair.	8 ENGLAND S.W.	S ^S and SW ^W winds, moderate, cloudy, fair.
4 ENGLAND EAST	Light SW ^W and W ^W breezes; rather cloudy, hazy and close, but fair.	9 IRELAND NORTH	SW ^W winds, strong to moderate; cloudy, close, some rain.
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----	10 IRELAND SOUTH	S ^S and SW ^W winds, moderate and fresh; dull, rain then fair.
6 ENGLAND SOUTH	-----D°-----D°-----D°-----	WARNINGS	None Issued

METEOROLOGICAL OBSERVATIONS FOR

4th AUGUST

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force (0 to 12).			Max.	Min.			
Haparanda	29.67	53	2	0	b	29.63	-0.1	54	53	-1	S	2	0	*	63	52	0.20		
Härnösand	29.81	55	SSW	2	0	29.67	-1.6	57	51	+2	W	2	0	*	70	45	-		
Stockholm	29.93	59	WSW	2	0	29.73	-1.26	58	55	+1	WSW	6	0	*	70	50	0.16		
Wisby	30.03	60	WSW	6	0	29.86	-1.20	58	56	+1	W	8	6	*	70	52	0.20		
Bodö	29.74	48	2	0	c	29.66		49	47		NNE	2	0	*	7	45	0.04		
Christiansund	29.62	53	2	0	0	29.71	-1.18	52	51	-2	WSW	3	0	3	50	41	0.28		
†Skudesnaes	29.82	55	SW	4	0	29.98	+0.62	55	54	+2	W	4	0	4	57	?	-		
Örö (Ålön)	29.84	56	WSW	4	m	29.90	-1.9	58	55	+5	SW	4	0	0	57	?	0.20		
Skagen (The Skaw)	29.90	57	WSW	6	0	29.93	-1.5	58	58	+2	WSW	7	0	7	59	54	0.16		
Fanö	30.06	61	SW	3	c	30.13	-0.5	62	59	-1	SW	2	0	*	66	57	0.04		
Cuxhaven	30.22	70	W	3	b	30.20	-0.1	66	64	+2	W	4	0	*	70	52	-		
†Sumburgh Head																			
†Stornoway	29.84	57	W	6	cg	29.98	+0.41	51	51	-1	ESE	1	0	1	60	49	0.25		
Wick	29.81	59	WNW	3	0	30.05	+0.45	53	52	-3	SW	2	0	0	65	51	0.02		
Nairn	29.88	59	WSW	3	bc	30.05	+0.40	53	52	-3	W	0	0	2	66	53	0.05		
†Aberdeen	29.87	65	WNW	4	bc	30.08	+0.37	56	53	-6	SSE	1	0	1	70	52	0.01		
Leith	29.96	62	W	6	bc	30.10	+0.30	57	55	-3	W	1	0	*	63	53	-		
†Shields	30.01	65	W	3	c	30.16	+0.28	58	57	-3	W	0	0	2	67	55	-		
Spurn Head	30.12	67	WSW	4	c	30.24	+0.16	64	63	+1	SSW	3	0	3	67	56	0.01		
York	30.12	66	W	8	c	30.23	+0.21	63	61	+5	S	1	0	*	69	58	-		
Nottingham	30.18	67	SSW	3	c	30.26	+0.16	70	64	+7	SSW	3	0	*	72	59	-		
†Ardrossan	30.04	60	WNW	3	c	30.10	+0.21	60	59	+2	SW	4	0	3	63	54	-		
†Mullaghmore	30.07	60	W	3	mcg	30.06	+0.16	64	62	+2	S	6	0	5	65	57	-		
Donaghadee	30.07	68	W	3	b	30.14	+0.19	65	63	+2	WSW	4	0	2	70	58	-		
Parsonstown	30.14	64	WSW	2	A	30.17	+0.13	65	62	+3	SW	1	0	*	65	56	-		
Barrow-in-Furness	30.11	61	WSW	4	c	30.19	+0.25	59	58	-1	SW	4	0	4	64	58	0.24		
†Holyhead	30.14	59	SSW	3	m	30.24	+0.20	59	58	0	SSW	3	0	2	62	56	-		
Liverpool (Bidart)	30.14	65	WSW	3	0	30.24	+0.21	65	61	+2	SW	3	0	3	66	59	-		
†Valentia	30.17	62	SSW	4	mcg	30.17	+0.07	61	61	0	SSE	4	0	4	64	59	0.28		
Roche's Point	30.19	62	SW	4	c	30.23	+0.14	59	59	-2	SW	3	0	4	65	56	-		
Pembroke	30.21	60	WSW	4	0	30.28	+0.17	60	59	0	SW	3	0	4	60	58	0.02		
†Scilly	30.28	66	SW	5	c	30.30	+0.07	64	63	+1	SSW	4	0	4	67	60	-		
Prawle Point	30.33	60	WNW	3	0	30.37	+0.03	60	59	+1	WSW	1	0	1	63	56	-		
Hurst Castle	30.30	63	W	4	0	30.36	+0.09	60	60	0	NW	1	0	1	66	59	-		
†Dover	30.28	62	WSW	4	c	30.34	+0.08	64	62	+2	WSW	3	0	2	65	60	-		
†London	30.26	68	WSW	2	c	30.34	+0.09	62	60	+2	WSW	1	0	*	71	50	0.01		
Oxford	30.26	64	SW	1	0	30.33	+0.12	63	61	+4	S	1	0	*	67	59	-		
Cambridge	30.21	66	S	1	0	30.31	+0.11	65	63	+10	SW	1	0	*	72	54	0.02		
†Yarmouth	30.19	67	WSW	3	c	30.28	+0.09	63	62	+2	W	2	0	2	71	60	-		
The Helder	30.19	63	SW	2	0	30.25	+0.06	63	62	+3	WSW	1	0	1	66	?	-		
Cape Gris Nez																			
†Jersey	30.38	64	WNW	2	b	30.41	+0.04	63	62	+2	W	0	0	0	67	56	0.01		
Brest	30.37	66	SW	3	0	30.36	0.0	59	57	-1	E	3	0	3	68	52	-		
Lorient	30.32	66	WNW	4	0	30.34	+0.04	61	57	+2	ESE	4	0	1	72	57	-		
†Rochefort	30.27	70	WNW	7	b	30.29	-0.04	67	61	+3	ENE	3	0	2	73	57	-		
Biarritz																			
Coronna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	30.37	+0.10	60	59	+1	SW	3	0	*	71	56	-		
Charleville	30.30	69	WSW	1	b	30.37	+0.07	55	52	-4	W	1	0	*	77	51	-		
Paris	30.34	69	W	1	b	30.40	+0.04	63	59	+4	W	0	0	*	*	*	-		
Lyons														*					
Toulon																			

HIGH LEVEL STATION.

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

Hawes Junction29.8458W46028.93+0.255555-1SW2f*60540.11

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

Hawes Junction	28.84	58	W	4	bc	28.98	+0.25	55	55	-1	SW	2	0	*		60	54	0.11
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.80	57	55	SSW	5	0 f	6	Valentia ...	30.14	68	62	SSW	5	0 m	5
Sumburgh Head						"		Scilly ...	30.28	66	64	SW	5	0	4
Stornoway ...	29.73	58	56	WSW	6	cg	5	Dover ..	30.28	64	61	WSW	3	bc	2
Aberdeen ...	29.78	69	59	WSW	4	b	1	London ...	30.26	70	64	WSW	4	0	*
Shields ...	30.00	64	58	WSW	4	c	2	Yarmouth ...	30.19	70	63	WSW	3	bc	2
Ardrossan ...	29.99	61	57	WSW	4	c	4	Jersey ...	30.39	66	60	WSW	2	b	2
Mullaghmore ...	30.05	62	58	W	5	cm	5	Rochefort ...	30.31	72	65	WNW	4	b	2
Holyhead ...	30.13	62	60	SSW	5	m	4	Ben Nevis (4406 ft)	30.30			W	2		

Ben Nevis (4406 ft.) 9 A.M. on 3rd 25.30 40 40 W 8 0 Max 46 Min 35 0.95

The barometer is rising over the whole of these Islands and the depression in the N. seems to be passing E. so that the mercury is now falling in Scandinavia. The wind has veered in most places and the weather is fair generally. Temperatures ranges from 70° in the SE to 53° at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 * These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

FRIDAY, 5TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

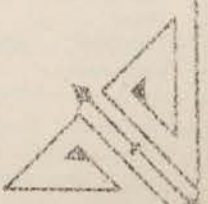
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on FRIDAY, 5TH AUGUST. 1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fit with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4.

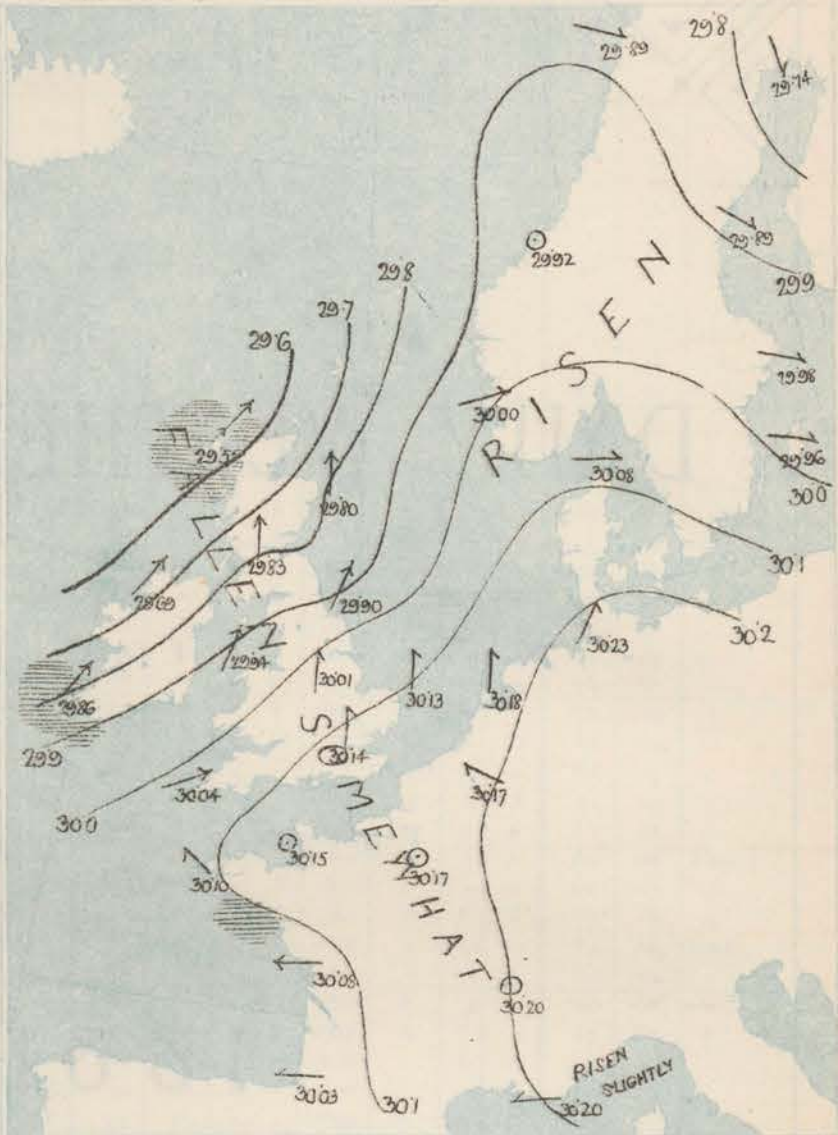
○, dead calm.

Sea Disturbance, where considerable is shown by shading round the coast, thus: - Rough; - High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings in.
Nairn	29.832
Aberdeen	29.847
Leith	29.831
Scarborough	29.874
Adrianan	29.908
Groncastile	29.919
Holyhead	29.939
Valencia	29.965
Roches Pt.	29.985
Plymouth	30.007
LONDON	29.985
Warrmouth	29.948

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

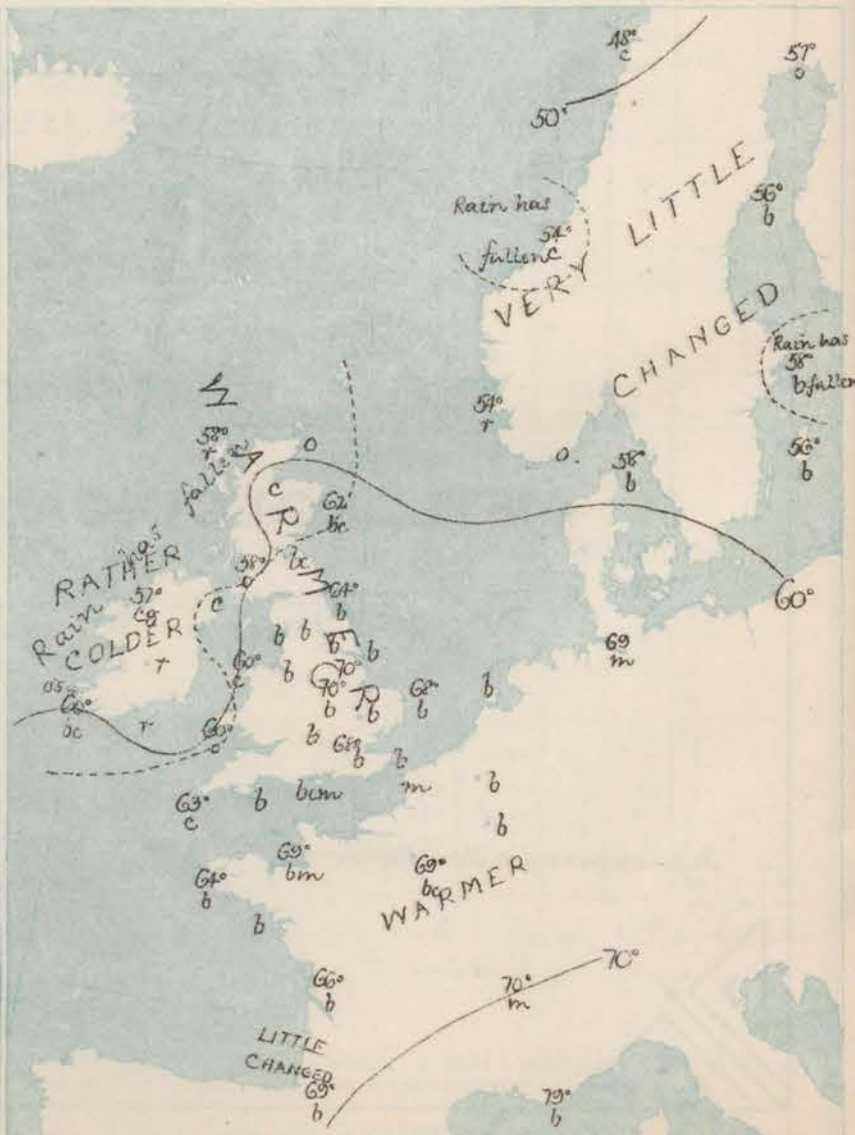
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall
Sumburgh Head	54.4	2.32
Stornoway	54.9	3.87
Aberdeen	57.5	3.20
Shields	58.8	2.40
York	60.2	2.17
Mullaghmore	59.0	2
Holyhead	59.1	2.47
Parsonstown	59.8	3.53
Valencia	60.3	4.08
Sally (St Mary's)	61.0	2.50
Hurst Castle	61.0	2
Dover	62.4	2.19
LONDON	63.5	1.97
Warrmouth	61.7	1.77

The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

FRIDAY 5TH AUG. 1881 at 8 a.m.

A large area of low pressure, apparently containing two or three centres, lies this morning outside our western coast, and the mercury is falling over the whole of Western Europe, the change being greatest in the NW. In Sweden the mercury is rising. The area of highest pressure has moved End during the night and is now shown over North Germany, so that gradients for S^t winds prevail generally, and winds between SW and SE are reported from nearly all places. They blow a fresh gale in the Hebrides and are strong all along our western coast, but decrease to a light breeze in the SE. In France the wind is moderate to fresh from the End and over Scandinavia from the Wnd. Exceedingly fine bright weather prevails over France, the S and E of England, N Germany and Sweden, while at Valencia the sky is clearing, but at our other W stations the weather is overcast with rain in some places. Slight rain has fallen in the N and W. Temperature has fallen in the W. seen elsewhere, and readings range from 68° in the SE of England to 57° at Mullaghmore. The maxima yesterday were 84° at Nottingham, 80° in London, and between 65° and 70° except in the extreme SW and N. Sea is rough at Stormway and Valencia.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6TH AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ^t winds, fresh and strong; unsettled, cloudy, rain.	6 SCOTLAND WEST	S ^t winds, strong; dull, some rain
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	S ^t and S ^W winds, strong, squally; dull, slight rain.
3 ENGLAND N.E.	S ^W winds, strong; becoming overcast and cooler.	8 ENGLAND S.W.	S ^W winds, fresh; cloudy, close.
4 ENGLAND EAST	S ^t and S ^W winds, light to moderate; fine and warm, but becoming overcast and cooler.	9 IRELAND NORTH	S ^t to S ^W winds, strong; improving somewhat, but still cloudy and showery.
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	-----D°-----D°-----D°-----	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

5th AUGUST 1881.

YESTERDAY EVENING.										8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec (0 to 9).	SHADE TEMP.							
			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.	Amount of Rainfall.					
Haparanda	29.69	50	Z	0	8	29.74	+1.1	57	54	+3	N	2	0	*	61	50	—					
Hernösand	29.75	54	NNW	2	8	29.84	+1.22	56	50	—1	NNW	4	6	*	64	48	—					
Stockholm	29.81	52	W	2	8	29.98	+1.25	58	52	0	NNW	2	6	*	66	52	0.16					
Wisby	29.87	55	NNW	6	8	29.96	+1.10	56	54	—2	NNW	2	6	*	64	52	—					
Bodö	29.81	50	NN	2	0	29.89	+1.23	48	43	—1	NNW	4	0	2	55	45	—					
Christiansund	29.92	53	WSW	4	0	29.92	+1.21	54	51	+2	SSE	1	0	1	55	43	0.12					
†Skudesnaes	30.08	54	N	2	0	30.00	+1.08	54	53	—1	WSW	4	N	4	59	54	—					
Oxö (Klansund)	30.06	57	WSW	4	6	30.06	+1.16	56	53	—2	SW	4	0	2	61	52	—					
Skagen (The Skaw)	30.02	56	N	4	6	30.08	+1.15	58	55	0	W	4	6	4	61	54	—					
Fanö	30.20	54	WSW	1	0	30.18	+1.05	62	62	0	SW	2	0	*	63	55	—					
Cuxhaven	30.24	64	WSW	3	0	30.23	+1.03	69	65	+3	SSW	1	m	*	7	59	—					
†Sumburgh Head																						
†Stornoway	29.87	50	SSW	6	m	29.85	—1.43	58	58	+7	SW	8	N	6	60	51	0.31					
Wick	29.83	57	S	2	0	29.64	—1.41	58	56	+5	S	4	0	4	63	52	0.18					
Nairn	29.94	59	W	1	6	29.67	—1.38	65	60	+12	SW	3	0	2	71	53	0.05					
†Aberdeen	30.08	68	SSW	4	0	29.80	—1.28	62	59	+6	S	5	6	1	70	55	0.05					
Leith	30.08	64	WSW	1	6	29.79	—1.31	65	58	+7	W	3	6	*	69	56	—					
†Shields	30.10	73	WSW	4	6	29.90	—1.26	64	60	+6	SW	5	6	2	74	58	—					
Spurn Head	30.18	75	WSW	3	0	30.04	—1.20	65	62	+1	SSW	4	6	3	79	58	—					
York	30.18	73	W	2	6	30.01	—1.22	64	60	+1	S	2	6	*	79	55	—					
Nottingham	30.20	75	S	2	6	30.01	—1.25	70	62	0	S	3	6	*	84	54	—					
†Ardrossan	30.06	62	SSE	3	0	29.83	—1.27	58	56	—2	S	5	0	4	64	56	0.01					
†Mullaghmore	29.99	65	SW	6	W	29.69	—1.37	57	56	—7	SW	6	0	4	72	56	0.18					
Donaghadee	30.08	61	SSW	4	0	29.80	—1.34	60	58	—5	SSW	5	0	3	72	57	—					
Parsonstown	30.07	70	S	2	6	29.74	—1.34	58	57	—7	SW	2	N	*	72	58	0.18					
Barrow-in-Furness	30.14	64	S	4	6	29.95	—1.24	61	59	+2	SE	5	6	4	66	57	—					
†Holyhead	30.18	62	SSW	4	m	29.94	—1.30	60	59	+1	SSW	6	0	4	65	57	—					
Liverpool (Biston)	30.19	67	SW	2	6	29.97	—1.27	66	60	+1	SE	2	6	2	73	56	—					
†Valentia	30.05	62	SSE	7	0	29.86	—1.31	60	57	—1	SW	6	6	6	65	56	0.46					
Roche's Point	30.14	69	SW	4	0	29.90	—1.33	57	57	—2	WSW	4	N	4	63	57	0.25					
Pembroke	30.21	62	SSW	2	6	29.98	—1.30	60	59	0	SSW	4	0	3	63	57	0.01					
†Scilly	30.20	52	S	4	6	30.04	—1.26	63	61	—1	WSW	5	0	4	68	59	—					
Prawle Point	30.27	59	ESE	1	6	30.09	—1.28	63	61	+3	ESE	1	6	1	64	54	—					
Hurst Castle	30.28	62	WSW	2	6	30.12	—1.24	60	59	0	ESE	1	6	1	67	53	—					
†Dover	30.29	60	WSW	3	0	30.15	—1.19	68	63	+4	SSW	1	6	0	68	755	—					
†London	30.25	75	WSW	2	6	30.14	—1.20	68	63	+6	S	2	6	*	80	50	—					
Oxford	30.22	69	Z	0	6	30.10	—1.23	64	59	+1	SSE	3	6	*	75	53	—					
Cambridge	30.22	76	SW	1	6	30.10	—1.21	65	61	0	S	1	6	*	81	51	—					
†Yarmouth	30.02	66	SSE	2	6	30.13	—1.15	63	63	+5	S	2	6	1	73	60	—					
The Helder	30.26	62	WSW	4	0	30.18	—1.07	64	63	+1	S	1	6	1	68	59	—					
Cape Gris Nez	30.31	59	SW	5	6	30.17	—1.14	65	64	—	SW	1	m	0	?	55	—					
†Jersey	30.30	71	NE	1	6	30.15	—1.26	69	64	+6	Z	0	6	0	74	59	—					
Brest	30.30	73	N	1	6	30.10	—1.26	64	62	+5	SE	3	6	2	75	59	—					
Lorient	30.23	72	W	3	6	30.08	—1.26	64	60	+3	E	3	6	5	79	59	—					
†Rochefort	30.17	85	NE	3	6	30.08	—1.21	66	61	—1	E	5	6	2	95	59	—					
Biarritz	30.11	73	N	3	6	30.03	—1.22	64	64	+2	E	1	6	2	73	61	—					
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
Brussels	*	*	*	*	*	30.17	—1.20	69	66	+4	ESE	1	6	*	77	?	—					
Charleville	30.23	74	SW	1	6	30.23	—1.14	60	59	+5	S	1	6	*	80	50	—					
Paris	30.29	73	Z	0	6	30.17	—1.23	69	64	+6	Z	0	6	*	*	*	—					
Lyons	30.19	82	NNE	1	6	30.20	—1.13	70	63	+5	NNW	1	m	*	88	63	—					
Toulon	30.17	78	E	4	6	30.20	+1.04	79	61	—1	E	4	6	3	86	75	—					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.96	60	WSW	3	0	28.93	—1.25	61	57	+6	SSW	3	6	*	61	53	0.01					

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.				
Skudeanaes ...	30.05	56	54	W	6	0	4	Valentia ...	30.14	65	63	S	5	0	5		
Sumburgh Head								Scilly ...	30.28	67	64	S	4	0	5		
Stornoway ...	29.90	60	59	S	4	m	4	Dover ..	30.32	63	62	SW	3	0	2		
Aberdeen ...	30.01	59	57	SW	2	0	1	London ...	30.29	75	67	W	3	0	*		
Shields ...	30.13	73	66	WSW	4	0	2	Yarmouth ...	30.26	68	64	SSE	2	0	2		
Ardrossan ...	30.11	62	60	SSW	2	0	2	Jersey ...	30.36	70	61	Z	0	0			
Mullaghmore ...	30.05	72	66	SSW	6	0	5	Rochefort ...	30.23	92	70	ESE	4	0	2		
Holyhead...	30.22	64	62	SSW	5	0	4	Ben Nevis (4466 Ft.) 9 A.M. on 4th.			25.59	50	50	WNW	4	0	Max. 50 Min. 36 Rain 0.81

Pressure is decreasing slowly in all parts of the country. SW winds and dull weather prevail in the W. and N. with occasional rain, but fine warm weather is reported in the SE. Temperature ranges from 75° in London to 54° at Wick.

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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SATURDAY, 6TH AUGUST

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/per quarter*
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on SATURDAY, 6TH AUGUST. 1887

BAROMETER, WIND & SEA

Explanation of Map

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

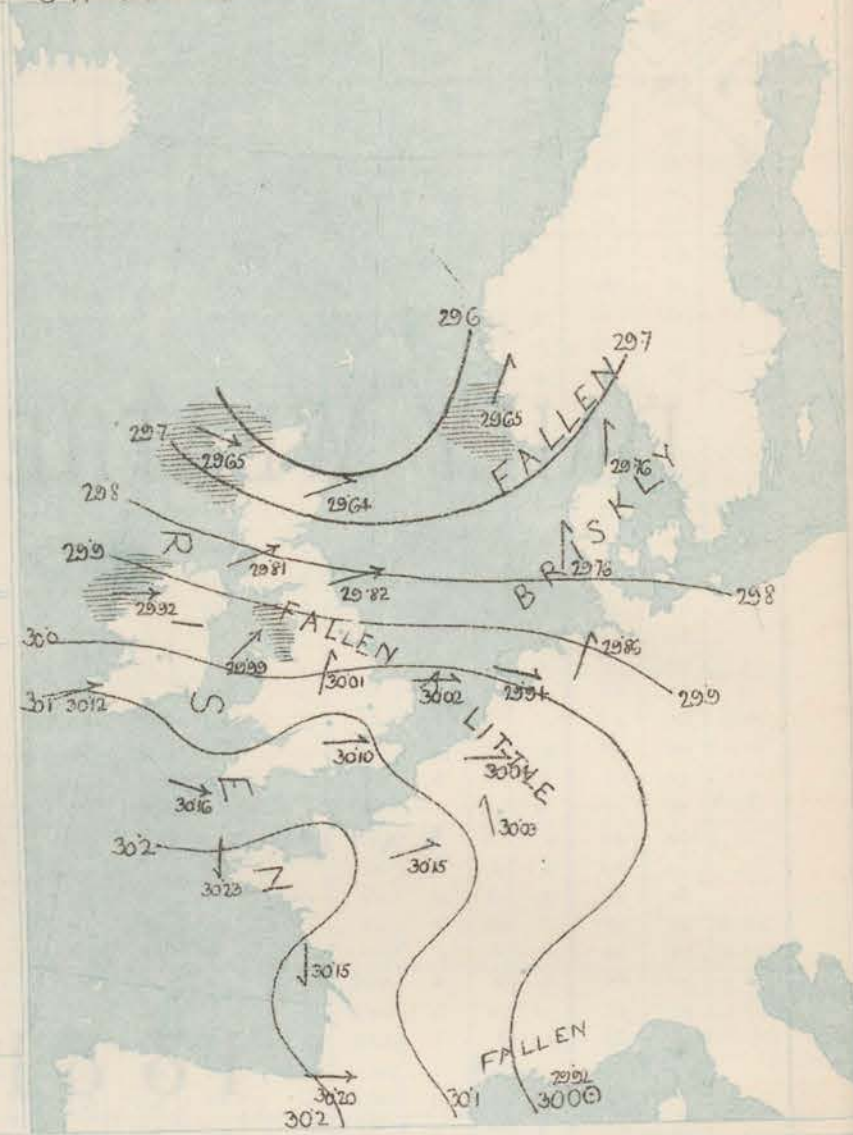
Wind arrows show the prevalent winds. They fly with the wind, and their backs and feathers refer to force thus:
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ⊙ dead calm.

Sea Disturbance, when considerable, is shown by shading round the coast thus: — Rough; — High.

MEAN^S HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings
Nuern	29.853
Aberdeen	29.863
Leith	29.891
Scarborough	29.924
Artesian	29.908
Greenwich	29.909
Holyhead	29.939
Valencia	29.965
Roch's Pt.	29.983
Plymouth	30.007
LONDON	29.988
Yarmouth	29.944

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

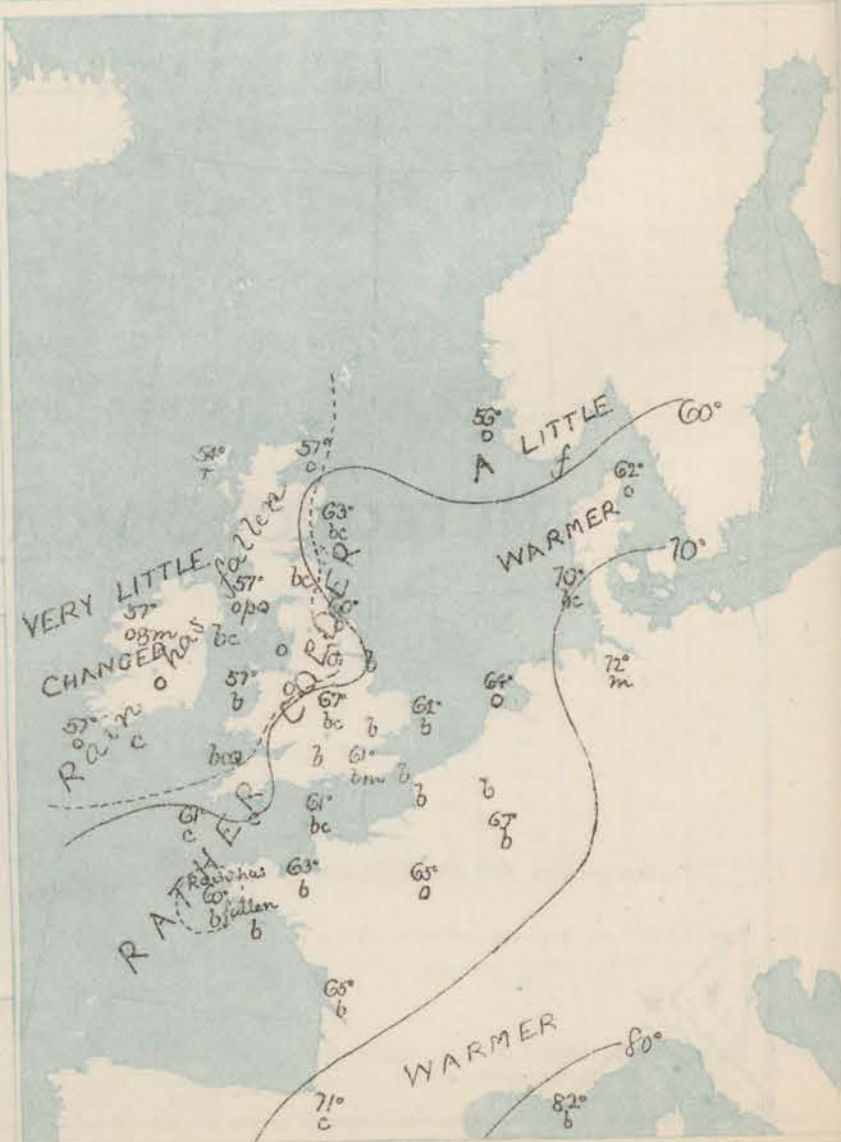
Weather letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS^S OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp	Rain-fall
Scarborough Head	54.4	3.32
Stornoway	54.9	3.87
Aberdeen	57.5	3.33
Shields	58.8	2.40
York	60.2	2.37
Mullingarway	59.0	2
Holyhead	60.7	7.47
Paranstown	59.6	3.53
Valencia	60.5	4.08
Sally (St Mary's)	62.1	2.20
Hurst Castle	63.6	2
Dover	62.9	3.17
LONDON	63.5	3.97
Yarmouth	67.7	1.77

* The mean temperatures are those for the 15 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY 6th AUGUST 1881 at 8 a.m.

The area of low pressure, noticed off our western coast yesterday has passed northward during the night, the lowest readings now lying over the north of Scotland, and is apparently travelling on towards Scandinavia. A rise of the barometer is consequently in progress over France and the whole of these Islands, and a fall over Norway. The wind has veered generally; it varies between SW. and NW. on our coasts, but draws into S. on the E. shores of the North Sea, and into NW. and N over the Bay of Biscay. During yesterday it blew a moderate to strong gale on some parts of our NW. and NE. coasts, and this morning it is still fresh to strong in the N. and W. The weather is very fine over France, and the E. and S. of England, cloudy or dull elsewhere, with rain in the west of Scotland. Slight rain has fallen except at our S., SE., and Central stations. Temperature has decreased except in N. Germany and Scandinavia, and ranges over these Islands from 65° at Dover and 67° at Nottingham to 54° in the Hebrides. The maxima yesterday were 85° at Nottingham and Cambridge, 84° in London, 82° at York, and 80° at Spurn Head. The sea is rough at Barrow in Funnery, Mullaghmore, and Sornoway.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

7th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW ^{ly} winds, strong to a gale; showery	6 SCOTLAND WEST	NW ^{ly} and W ^{ly} winds, fresh; cloudy and showery.
7 SCOTLAND EAST	W ^{ly} and SW ^{ly} winds, moderate and fresh; fair.	7 ENGLAND N.W.	SW ^{ly} and W ^{ly} winds, fresh; cloudy, fair.
2 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	W ^{ly} winds, fresh to light; fair, hazy.
3 ENGLAND EAST	W ^{ly} winds, light, fine, warm.	9 IRELAND NORTH	W ^{ly} and NW ^{ly} winds, fresh; cloudy. Some showers then fair.
4 MIDLAND COUNTIES	SW ^{ly} and NW ^{ly} winds, light and moderate, fine, warm.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
5 ENGLAND SOUTH	-----D°-----D°-----D°-----	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 6TH AUGUST 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).				Max.	Min.	
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö																			
Christiansund																			
†Skudesnaes	29.83	57	SSE	8	o		29.65	-.35	56	55	+ 2	SSW	4	o	5		61	?	-
Oxö (Xiansund)	29.94	57	SSW	4	t		29.67	-.39	59	59	+ 3	SSW	4	f	2		64	?	-
Skagen (The Skaw)	29.99	61	Z	0	b		29.76	-.32	62	60	+ 4	W	4	o	3		72	57	-
Fanö	29.99	64	S	1	b		29.76	-.42	70	67	+ 8	S	1	bc	*		72	61	-
Cuxhaven	30.11	?	S	2	f		29.86	-.37	72	68	+ 3	SW	3	m	*		77	63	-
†Sumburgh Head																			
†Stornoway	29.45	57	SW	9	c		29.65	+ .10	54	54	- 4	WNW	6	n	5		62	51	0.12
Wick	29.54	64	SSW	5	c		29.54	-.10	57	54	- 1	WNW	5	o	3		66	52	0.04
Nairn	29.53	63	SW	4	b		29.59	-.08	57	55	- 8	SW	2	c	1		70	53	0.04
†Aberdeen	29.61	63	SSW	3	c		29.64	-.16	63	56	+ 1	WSW	3	bc	1		69	54	-
Leith	29.68	68	W	4	bc		29.74	-.05	58	54	- 7	W	1	bc	*		69	53	0.02
†Shields	29.80	62	WSW	7	o		29.82	-.08	60	56	- 4	WSW	5	o	2		78	52	-
Spurn Head	29.85	73	SSW	4	bc		29.95	-.09	60	57	- 5	WSW	4	b	3		80	55	-
York	29.86	67	W	2	c		29.93	-.08	58	55	- 6	SW	3	o	*		82	54	0.03
Nottingham	29.90	72	SSW	1	b		30.01	-.00	67	60	- 3	SSW	4	bc	*		85	52	-
†Ardrossan	29.71	59	SW	4	c		29.81	-.02	57	56	- 1	WSW	5	ogp	4		61	54	0.20
†Mullaghmore	29.69	58	SW	7	ogp		29.92	+ .23	57	56	0	W	6	ogm	5		64	54	0.22
Donaghadee	29.76	64	SW	5	bc		29.89	+ .09	59	56	- 1	WSW	4	bc	2		68	53	0.03
Parsonstown	29.85	61	SW	3	bc		30.03	+ .19	57	55	- 1	WSW	3	c	*		66	54	0.07
Barrow-in-Furness	29.87	60	SW	6	c		29.90	-.05	58	56	- 3	SW	6	o	6		68	56	0.05
†Holyhead	29.86	60	SSW	5	bc		29.99	+ .05	57	57	- 3	SW	5	b	4		62	54	0.11
Liverpool (Bidston)	29.88	63	WSW	4	c		29.97	-.00	58	54	- 8	WSW	6	o	4		77	56	0.02
†Valentia	29.91	57	SW	5	cp		30.12	+ .26	57	54	- 3	WSW	4	o	4		64	53	0.06
Roche's Point	29.90	58	W	5	bc		30.11	+ .21	58	55	+ 1	W	4	c	4		63	53	0.13
Pembroke	29.93	60	WSW	3	b		30.09	+ .09	58	54	- 2	W	5	bcg	4		62	57	-
†Scilly	30.01	63	W	4	c		30.16	+ .12	61	58	- 2	WNW	5	c	4		68	58	-
Prawle Point	30.00	62	WSW	3	c		30.16	+ .07	59	57	- 4	WSW	3	c	3		69	55	-
Hurst Castle	29.97	66	WSW	3	b		30.13	+ .01	61	58	+ 1	WNW	4	bc	3		72	56	-
†Dover	29.95	68	W	1	b		30.09	-.06	65	58	- 3	WNW	3	b	1		74	59	-
†London	29.94	76	S	2	b		30.10	-.04	61	57	- 7	W	2	bm	*		84	55	-
Oxford	30.07	68	WSW	3	bc		30.13	+ .03	61	56	- 3	SW	3	b	*		79	53	-
Cambridge	29.88	71	SSW	1	b		30.04	-.06	62	56	- 3	SW	2	b	*		85	52	-
†Yarmouth	29.92	67	SSE	3	b		30.02	-.11	62	56	- 6	W	3	b	1		70	55	-
The Helder	29.96	72	SSE	1	c		29.94	-.24	64	61	0	WNW	2	o	2		81	64	-
Cape Gris Nez	29.95	77	Z	0	m		30.08	-.09	61	57	- 4	W	5	b	3		?	57	-
†Jersey	30.05	68	WNW	2	b		30.22	+ .07	63	57	- 6	WNW	3	b	3		75	58	-
Brest	30.08	65	N	3	o		30.23	+ .10	60	58	- 4	N	3	b	3		72	59	0.24
Lorient	30.02	72	NW	4	b		30.21	+ .12	61	59	- 3	NW	3	b	1		81	57	-
†Rochefort	30.06	76	NW	3	b		30.15	+ .07	65	62	- 1	N	5	b	2		93	763	-
Biarritz	30.04	73	W	7	o		30.20	+ .17	71	68	+ 2	W	7	c	3		88	66	-
Cornwall																			
Brussels							30.04	-.13	67	61	- 2	W	4	b	*		81	65	-
Charleville	30.03	81	SE	1	b		30.03	-.20	67	63	+ 7	SSE	1	b	*		86	54	-
Paris	29.97	73	Z	0	b		30.15	-.02	65	62	- 4	WSW	4	o	*				-
Lyons																			
Toulon	30.15	82	S	1	b		29.92	-.28	62	67	+ 3	Z	0	b	2		87	75	-

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

Hawes Junction	28.64	54	SW	2	n		28.65	-.08	53	52	- 8	W	3	o	*		69	50	0.09
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.60	60	58	SSE	8	o m	5	Valentia ...	29.90	63	58	SW	5	bcg	6
Sumburgh Head								Scilly ...	30.00	65	63	W	5	c	4
Stornoway ...	29.45	59	58	SW	8	c	6	Dover ..	30.03	74	67	WSW	1	b	0
Aberdeen ...	29.67	65	60	S	5	c	2	London ...	30.00	81	69	SE	3	b	*
Shields ...	29.78	75	66	WSW	7	bc	2	Yarmouth ...	30.00	68	68	SSE	4	o	2
Ardrossan ...	29.73	59	58	S	4	c	4	Jersey ...	30.07	74	64	W	2	b	2
Mullaghmore ...	29.70	61	55	WSW	7	o p	6	Rochefort ...	30.03	84	73	E	3	b	3
Holyhead ...	29.90	59	58	SSW	6	m	4	Ben Nevis (4105 ft)							
								9 A.M. on 5th	28.44	46	46	SSW	7	o	

Pressure is inclined to increase somewhat at Valentia, but even there the mercury is not changing steadily and in all other places it is falling. The wind is SW^{ly} and S^{ly} generally but SE^{ly} in the SE, where the sky is clear and temperature high.

Readings range from 81° in London to 59° at Stornoway.

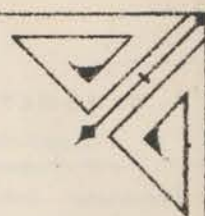

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SUNDAY 7th AUGUST

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



Printed by H. K. B. at the Victoria St. Press, London.

WEATHER CHARTS

for 8 a.m. on Sunday 7th AUGUST.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:

→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.

☉ - dead calm.

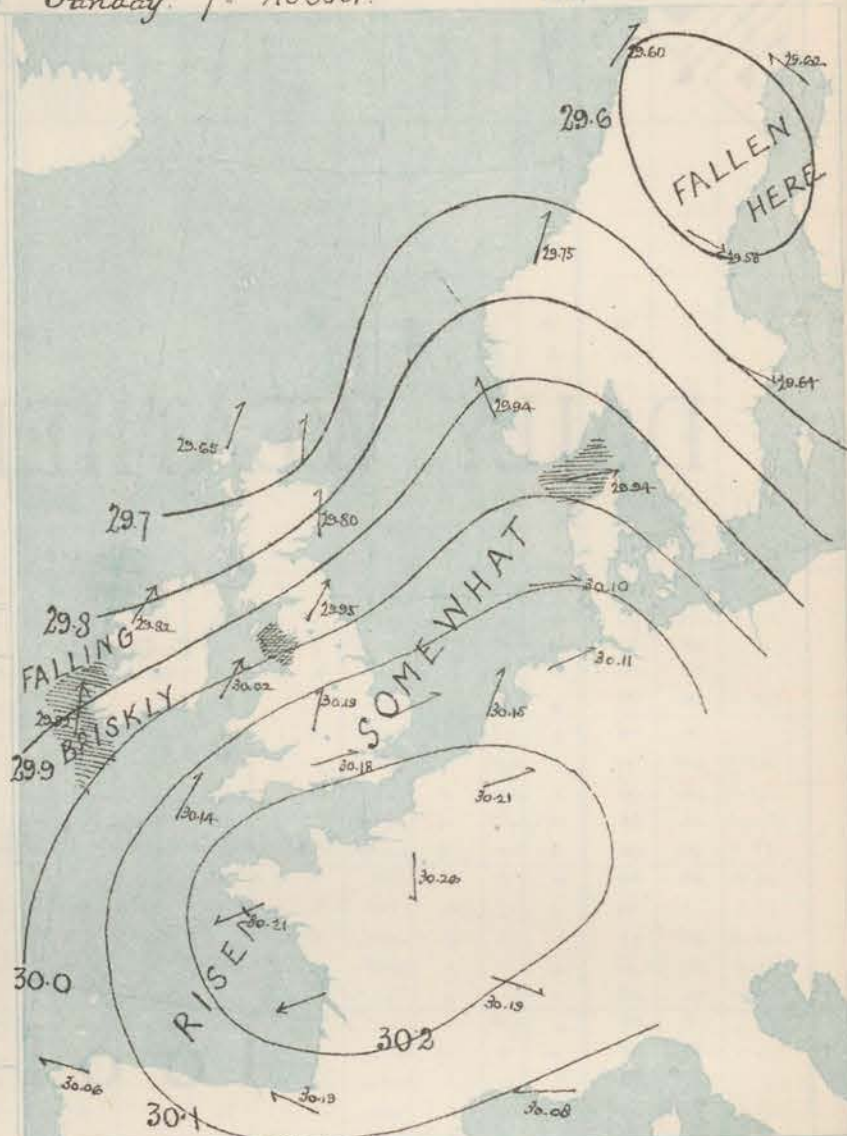
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN HEIGHT of the BAROMETER

for the month of August.

Stations.	Mean Readings.
	Inches.
Nairn	29.653
Aberdeen	29.663
Leith	29.691
Scarborough	29.974
Ardrossan	29.968
Greenock	29.969
Holyhead	29.939
Valentia	29.905
Roshek Pk.	29.985
Plymouth	30.007
LONDON	29.998
Yarmouth	29.966

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

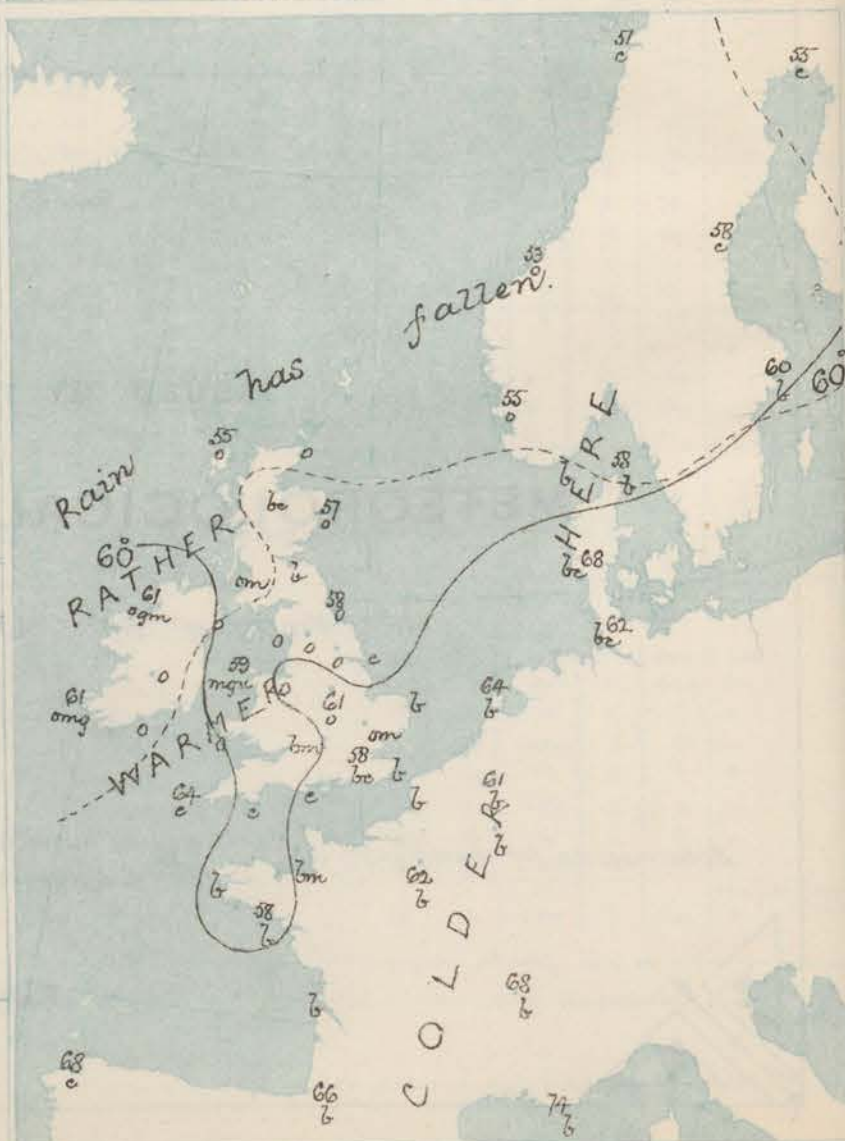
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of August.

Stations	Temp.	Rain-fall
	°	inches.
Sumburgh Head	54.4	1.32
Stornoway	54.9	1.87
Aberdeen	57.5	1.23
Shetland	58.9	2.40
Kirk	60.2	1.37
Mullaghmore	59.0	1
Holyhead	60.1	1.43
Parsonstown	59.6	1.62
Valentia	60.3	1.08
Sally (St Mary's)	61.0	2.20
Hurst Castle	64.0	1
Dover	62.4	1.19
LONDON	63.5	1.97
Yarmouth	61.7	1.77

* The mean temperatures are those for the 10 years 1857-66, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 7th August 1881 at 8 a.m

This morning a large area of high pressure lies over France, the Channel, and our Southern districts, and though the barometer is falling at present, owing to the presence of a depression off the NW. coast of Scotland a recovery will probably take place generally as the disturbance moves away. The wind is SW^{ly} all over the Kingdom, and varies from a light breeze in the south-east to a moderate gale at Valencia. The weather is exceedingly fine all over France and the SE. of England, but is cloudy or dull elsewhere with mist over the west of Ireland. Temperature has fallen in the E. and ranges from 64° at Dover to 57° at Dover to 57° at Wick. The sea is rough at Barrow, Furness and Valencia.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 7TH AUGUST. 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 29° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 29° F. and Sea Level.	SHADE TEMP.		WIND.	Temp. (9 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force. (0 to 12).			Dry.	Wet.					Max.	Min.					
Haparanda	29.71	56	SE	2	b	29.62	—	21	55	50	—	4	SE	2	c	0	61	50	—
Hernösand	29.57	58	S	2	r	29.58	—	22	58	53	—	1	NW	6	c	0	62	45	0.35
Stockholm	29.14	7	?	1	c	29.64	—	27	60	55	—	8	NW	4	b	0	75	59	0.08
Wisby	29.76	62	W	8	c	29.81	—	17	58	55	—	10	W	6	b	0	77	54	—
Bodö	29.42	52	SW	4	r	29.60	+	40	51	51	—	5	WSW	4	c	2	72	50	0.28
Christiansund	29.52	58	SSW	5	r	29.75	+	23	53	49	—	2	SSW	4	c	4	61	41	0.16
†Skudesnaes	29.84	54	W	4	r	29.94	+	29	55	53	—	1	SSE	4	c	4	59	54	—
Örö (Xtiansund)	29.77	57	WSW	4	b	29.97	+	30	57	52	—	2	W	4	b	2	61	52	—
Skagen (The Skaw)	29.85	57	W	6	b	29.94	+	48	58	54	—	4	W	6	b	6	64	54	0.08
Faro	30.02	57	W	2	b	30.10	+	34	68	62	—	2	W	2	b	0	70	57	—
Cuxhaven	30.09	?	WNW	4	c	30.11	+	26	62	61	—	10	WSW	3	b	0	73	57	—
†Samburgh Head																			
†Stornoway	29.80	57	SW	6	o	29.65	—	00	55	55	+	1	SSW	4	c	4	61	51	0.11
Wick	29.84	57	WNW	3	o	29.69	+	16	57	55	—	0	SSW	2	c	2	62	52	0.04
Nairn	29.81	58	SW	4	c	29.70	+	11	60	56	+	3	SW	6	b	0	64	57	—
†Aberdeen	29.90	62	WNW	1	c	29.80	+	16	57	55	—	6	S	4	c	1	65	52	—
Leith	29.98	66	W	1	b	29.84	+	10	63	59	+	5	W	2	b	0	68	50	—
†Shields	29.99	64	WNW	5	b	29.95	+	13	58	56	—	2	SW	5	c	2	67	55	—
Spurn Head	30.09	64	WSW	4	b	30.09	+	14	58	55	—	2	SSW	4	c	4	65	53	—
York	30.09	63	W	4	c	30.07	+	14	53	53	—	3	S	1	c	0	67	48	—
Nottingham	30.14	63	SSW	5	b	30.19	+	18	61	58	—	6	SSW	3	c	0	70	47	—
†Ardrossan	29.99	59	WSW	2	c	29.87	+	06	58	57	+	1	SSW	4	c	4	64	55	0.01
†Mullaghmore	29.99	60	SW	4	c	29.82	—	10	61	60	+	4	SW	5	c	3	62	55	0.03
Donaghadee	30.02	2	WNW	3	b	29.91	+	02	60	59	+	1	SW	4	c	2	63	56	—
Parsonstown	30.08	61	SW	1	c	29.94	—	09	61	59	+	4	SSW	2	c	0	64	55	0.01
Barrow-in-Furness	30.09	60	W	5	b	30.02	+	12	60	58	+	2	SW	6	c	0	63	57	—
†Holyhead	30.11	61	SW	4	c	30.02	+	03	59	58	+	2	SW	5	c	4	64	46	—
Liverpool (Bidston)	30.10	61	W	2	c	30.05	+	08	61	58	+	3	SW	3	c	0	65	54	—
†Valentia	30.09	60	S	5	c	29.92	—	20	61	59	+	4	S	7	c	6	63	57	0.02
Roche's Point	30.11	59	SW	5	r	30.03	—	08	60	58	+	2	SW	5	c	4	66	55	0.06
Pembroke	30.15	61	WSW	3	b	30.09	+	02	60	59	+	2	SSW	3	c	4	63	57	—
†Scilly	30.22	63	WSW	4	c	30.14	—	02	64	62	+	3	SW	4	c	4	66	58	—
Prawle Point	30.23	60	WSW	2	b	30.20	+	04	59	57	—	0	SSW	2	c	2	65	54	—
Hurst Castle	30.19	63	W	4	c	30.21	+	08	61	58	—	0	WSW	3	c	2	70	52	—
†Dover	30.15	65	SW	3	b	30.21	+	12	64	58	—	1	WSW	3	b	1	71	57	—
†London	30.16	68	W	2	b	30.18	+	08	58	52	—	3	WSW	2	b	0	72	49	—
Oxford	30.19	60	W	1	b	30.16	+	03	60	57	—	1	SW	1	b	0	71	52	0.01
Cambridge	30.13	69	WSW	1	b	30.18	+	14	61	57	—	1	SW	1	c	0	74	46	—
†Yarmouth	30.12	65	SE	2	b	30.15	+	13	63	57	+	1	WSW	1	b	1	72	54	—
The Helder	30.13	63	WSW	1	b	30.15	+	21	64	61	—	0	SW	1	b	1	68	59	—
Cape Gris Nez	30.18	62	W	7	b	30.19	+	11	62	59	+	1	SW	1	b	0	66	57	—
†Jersey	30.29	63	W	2	b	30.27	+	25	63	59	—	0	Z	0	b	0	68	55	—
Brest	30.29	64	N	3	b	30.24	+	01	59	57	—	1	SSE	3	b	3	68	55	—
Lorient	30.23	66	WNW	5	b	30.21	—	00	58	55	—	3	ENE	4	b	1	70	55	—
†Rochefort	30.21	71	NW	5	b	30.24	+	09	66	59	+	1	ENE	5	b	2	77	57	—
Biarritz	30.22	71	N	4	b	30.19	—	01	66	64	—	5	ESE	4	b	2	75	63	—
Corunna	*	*	*	*	*	30.06	—	14	68	*	+	6	E	1	c	1	*	*	*
Brussels	*	*	*	*	*	30.21	+	17	61	58	—	6	WSW	3	b	0	73	56	—
Charleville	30.17	69	WSW	1	b	30.23	+	20	58	53	—	9	WSW	1	b	0	80	48	—
Paris	30.21	70	W	4	b	30.26	+	11	62	56	—	3	N	4	b	0	*	*	—
Lyons	30.04	88	N	1	b	30.19	+	05	68	54	—	8	NW	4	b	0	97	65	—
Toulon	30.05	77	W	5	b	30.08	+	16	74	65	—	8	E	4	b	2	85	62	—

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

Hawes Junction	29.83	56	W	2	o	29.77	55	55	SW	2	c	0	59	52	0.12			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudeanaes	29.71	59	56	SW 4	c	5	Valentia	30.12	61	57	S	4	c
Samburgh Head							Scilly	30.22	64	60	W	4	c
Stornoway	29.81	59	54	W 5	c	4	Dover	30.14	71	61	W	2	b
Aberdeen	29.83	67	59	WNW 4	b	1	London	30.14	71	64	WSW 2	b	0
Shields	29.95	66	61	W 5	b	2	Yarmouth	30.09	70	60	WNW 2	b	1
Ardrossan	29.99	63	58	W 3	c	2	Jersey	30.29	65	59	W	3	b
Mullaghmore	30.03	58	56	W 5	c	4	Rochefort	30.24	76	68	N	5	b
Holyhead	30.10	62	61	WSW 4	c	3	Ben Nevis 4,406 ft.	25.32	29	39	SE	2	0

9 am on 5th

Pressure is increasing somewhat except at Valentia, where a slight decrease has commenced and the wind has backed to S. Elsewhere the wind is W and the weather fine and warm. Readings range from 71° in the SE. to 55° in the NW.

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 (hozy) 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY, 8TH AUGUST.

1881.

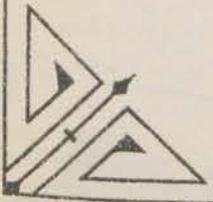
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ROBERT H. SCOTT
(SECRETARY.)



Fred^l Dangerfield, Lith. 22 Bedford St. Lower Garden.

WEATHER CHARTS

for 8 a.m. on Monday 8th AUGUST. 1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent wind. They fly with the wind and their bars and feathers refer to force thus:
→ force above 10; → force 8 to 10
→ force 6 to 7; → force 4 to 5

○ = dead calm.

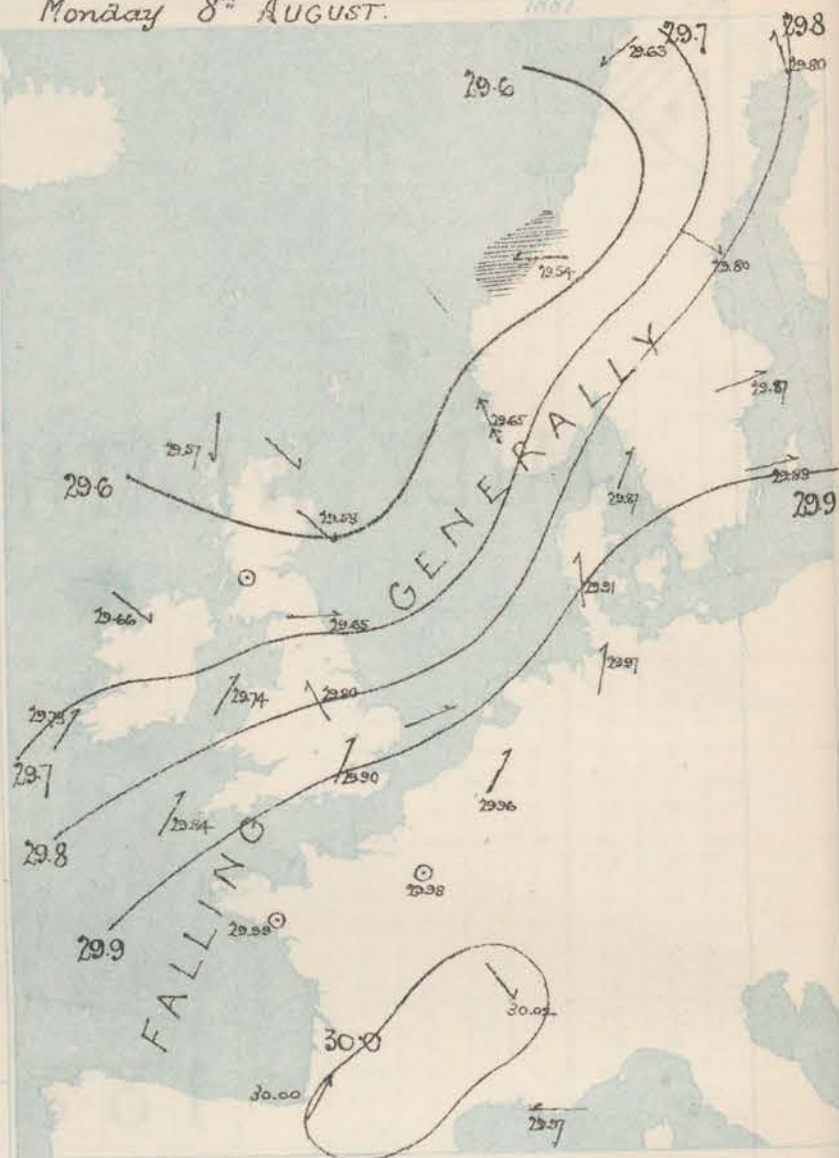
Sea Disturbance, where considerable, is shown by shading round the isobar thus: Rough High

MEAN HEIGHT of the BAROMETER

for the month of August

Stations	Mean Readings
Nairn	29.837
Aberdeen	29.803
Leith	29.891
Scarborough	29.811
Ardrossan	29.908
Greenock	29.909
Holyhead	29.839
Valencia	29.905
Rosko's Pt.	29.983
Plymouth	30.007
LONDON	29.988
Vermouth	29.966

These readings are for the 10 years 1866-75.
A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.
Falls of 0.5 in. or more, are quoted in figures.

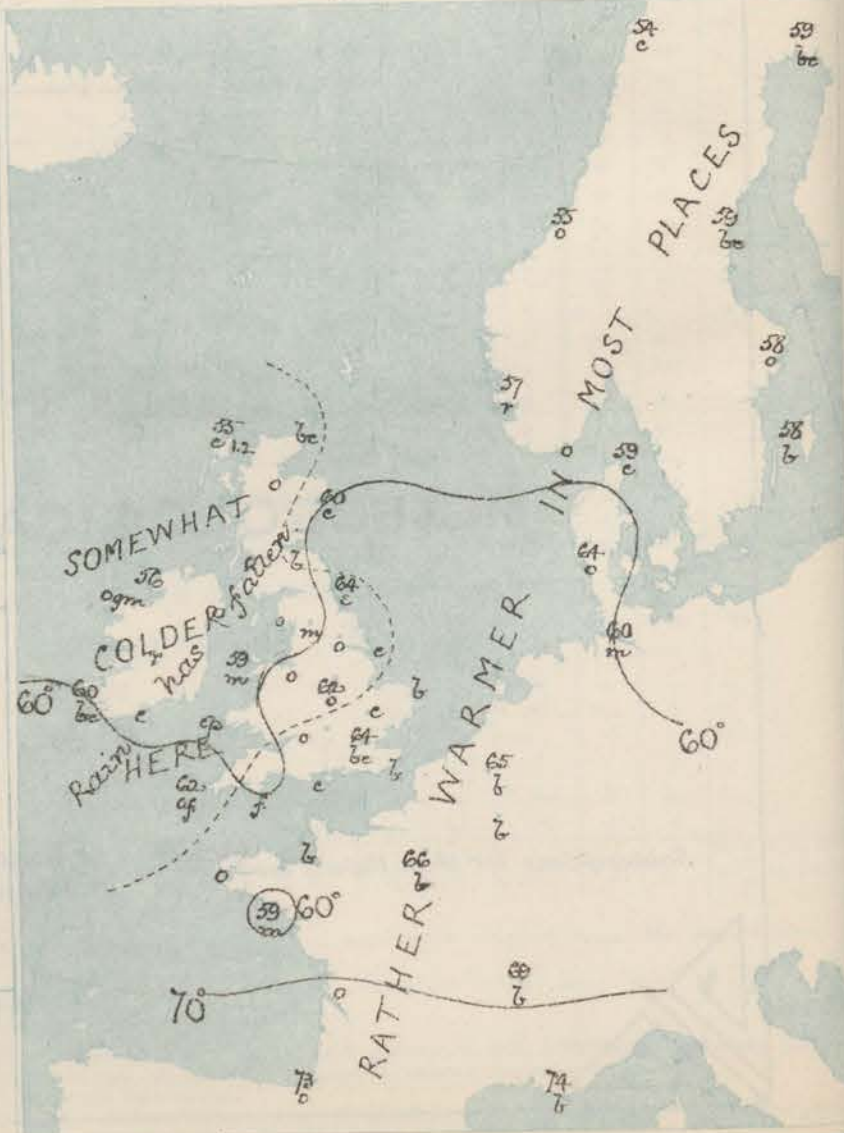
MEANS of TEMPERATURE

AND RAINFALL

for the month of August

Stations	Temp.	Rain-fall
Sumburgh Head	54.4	1.32
Stornoway	53.9	3.87
Aberdeen	57.5	3.23
Shetland	56.9	3.40
York	60.2	3.32
Maltinghouse	59.0	?
Holyhead	60.1	2.47
Parsonstown	59.6	3.53
Valencia	60.3	3.08
Sally (St. Mary's)	62.6	2.20
Barn Gistle	63.0	?
Dover	62.4	2.14
LONDON	62.5	1.97
Vermouth	61.7	1.77

* The mean temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for 8th AUGUST. 1881. at 8 a.m.

A large area of low pressure lies over and to the N^{wd} of Scotland, while smaller subsidiary disturbances are reported in the west. The barometer is falling in all parts of Western Europe except a few of the Swedish and our NW stations, but an anticyclone, though of very small height, is still shown over France. Gradients are nowhere steep, and the wind which is moderate or light in force at all stations except Skudesnæs and Biarritz, blows from about W. over France, from between SW. and NW. on our coasts, and from S. to E. on the eastern shores of the North Sea. The weather is very fine over the E. and N. of France and the SE. of England, cloudy or dull elsewhere with showers and some mist in the SW. Slight rain has fallen at most W. and N. stations and heavy rain at Sornaway. Temperature has risen in the S and E, fallen in the W. and readings range from 66° at Dover to 55° in North Scotland. The maxima yesterday were 73° in the SE. of England, and 71° at Nottingham. Sea is moderate to smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

9th AUGUST.

(ISSUED AT 11 a.m. on previous day.)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NW^z and SW^z breezes, moderate; cloudy, fair on the whole.

6 SCOTLAND WEST

Variable W^z winds; dull, misty rain.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

7 ENGLAND N.W.

SW^z winds, moderate; dull, misty rain.

3 ENGLAND N.E.

W^z and SW^z breezes, moderate; cloudy.

8 ENGLAND S.W.

SW^z and W^z winds, moderate; cloudy, some rain then fair.

4 ENGLAND EAST

Moderate breezes between S. and W., rather cloudy and close then clearing again.

9 IRELAND NORTH

SW^z to NW^z winds, moderate and fresh, cloudy or dull, slight rain at times.

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

10 IRELAND SOUTH

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

8th AUGUST

1881.

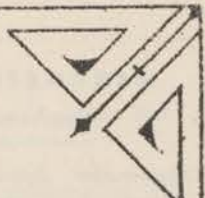
YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.65	58	S	2	0	29.80	+18	59	54	+4	S	2	bc	*	64	54	-		
Hernösand	29.82	56	NW	2	bc	29.80	+12	59	53	+1	NW	2	bc	*	72	52	-		
Stockholm	29.84	61	NW	2	b	29.87	+13	58	55	-2	W	2	0	*	70	54	-		
Wisby	29.87	59	NW	4	b	29.89	+08	58	55	0	W	2	b	*	66	52	-		
Bodö	29.74	52	SE	2	0	29.63	+03	54	50	+3	ESE	2	c	1	55	46	-		
Christiansund	29.63	57	ESE	1	0	29.54	-21	55	53	+2	E	3	0	3	63	45	-		
†Skudesnaes	29.78	57	SSW	8	h	29.65	-29	57	56	+2	SSE	8	h	5	57	55	-		
Orö (Christiansund)	29.91	58	SW	4	0	29.80	-17	58	57	+1	S	4	0	2	61	5	-		
Skagen (The Skaw)	29.95	56	WSW	2	b	29.87	-07	59	57	+1	SW	3	c	2	63	54	-		
Fanö	30.00	54	W	1	b	29.91	-19	64	62	-4	S	1	0	*	66	54	-		
Cuxhaven	30.11	?	N	2	bc	29.97	-14	60	58	-2	SSW	2	m	*	68	54	-		
†Sumburgh Head																			
†Stornoway	29.49	56	Z	0	h	29.57	-08	55	52	0	N	1	0	1	58	50	1.15		
Wick	29.56	56	S	1	h	29.53	-16	56	53	-1	NNW	4	bc	3	60	50	0.15		
Nairn	29.52	63	SW	1	e	29.59	-11	55	52	-5	Z	0	0	1	63	54	0.02		
†Aberdeen	29.65	59	S	5	ag	29.58	-22	60	56	+3	NW	3	e	1	66	55	-		
Leith	29.67	68	W	1	0	29.63	-21	60	55	-3	W	1	b	*	68	56	-		
†Shields	29.82	63	SSW	5	0	29.65	-30	64	59	+6	W	3	e	3	65	53	-		
Spurn Head	29.95	64	W	3	c	29.77	-32	61	60	+3	SSW	4	c	4	67	58	0.03		
York	29.93	64	S	2	c	29.73	-34	64	61	+9	SSW	2	0	*	65	54	0.03		
Nottingham	29.95	63	SSW	3	b	29.80	-39	62	60	+1	SSE	3	0	*	71	57	0.01		
†Ardrossan	29.67	59	SSW	5	h	29.65	-22	58	56	0	Z	0	0	0	66	55	0.20		
†Mullaghmore	29.58	60	SW	7	og p	29.66	-16	56	54	-5	WNW	2	ogm	2	64	55	?		
Donaghadee	29.71	60	SSW	5	0	29.68	-23	56	56	-4	NE	2	0	0	65	55	0.05		
Parsonstown	29.72	62	ESE	2	h	29.70	-24	57	56	-4	WSW	1	h	*	65	58	0.04		
Barrow-in-Furness	29.88	62	SW	6	0	29.73	-29	59	58	-1	SW	4	0	4	63	58	0.09		
†Holyhead	29.87	61	SSW	6	ma	29.74	-28	59	58	0	SW	3	m	3	64	57	0.07		
Liverpool (Bidston)	29.89	64	SSW	3	c	29.72	-33	63	59	+2	WSW	2	0	2	67	59	0.07		
†Valentia	29.79	60	SW	7	og	29.73	-19	60	57	-1	SW	4	bc	4	63	54	0.23		
Roche's Point	29.82	60	SW	6	h	29.75	-28	58	56	-2	WSW	3	c	4	65	54	0.18		
Pembroke	29.93	61	SW	5	m	29.77	-32	59	59	-1	WSW	2	ep	3	62	58	0.14		
†Scilly	30.01	65	SW	6	c	29.84	-30	62	62	-2	SW	4	of	4	69	61	0.03		
Prawle Point	30.06	61	SSW	3	b	29.89	-31	60	60	+1	SSW	3	f	3	63	57	-		
Hurst Castle	30.08	62	WSW	3	0	29.91	-30	62	60	+1	W	4	c	3	67	58	-		
†Dover	30.07	63	SW	3	b	29.90	-31	66	62	+2	SW	2	b	1	67	60	-		
†London	30.05	68	WSW	2	b	29.90	-28	64	59	+6	SW	2	bc	*	73	49	-		
Oxford	29.99	60	SSE	1	b	29.85	-31	61	58	+1	S	2	0	*	70	56	-		
Cambridge	30.01	68	SW	1	0	29.85	-33	63	59	+2	S	1	0	*	73	53	-		
†Yarmouth	30.02	68	SSW	2	c	29.87	-28	65	59	+2	WSW	3	b	1	73	55	-		
†The Helder	30.04	62	SW	1	c	29.90	-25	62	59	-2	SW	2	c	2	70	55	-		
Cape Gris Nez																			
†Jersey	30.12	64	Z	0	b	29.98	-29	63	60	0	W	2	b	2	67	56	-		
Brest	30.08	68	WSW	1	0	29.98	-26	62	61	+3	WSW	3	0	2	72	59	-		
Lorient	30.06	71	W	1	bc	29.99	-22	59	58	+1	W	1	m	1	?	57	-		
†Rochefort	30.06	77	NW	4	b	29.97	-27	71	68	+5	NNW	3	0	2	84	59	-		
Biarritz	30.01	77	NE	4	b	30.00	-19	73	68	+7	SW	5	0	2	79	63	-		
Corunna	*	*	*	*	*	30.09	+03	68	*	0	N	2	0	1	*	*	*		
Brussels	*	*	*	*	*	29.96	-25	65	60	+3	SW	3	b	*	73	59	-		
Charleville	30.10	63	SW	1	b	?	?	58	54	0	SW	1	b	*	78	50	-		
Paris	30.08	70	SSE	4	b	29.98	-28	66	59	+4	Z	0	b	*	*	*	-		
Lyons	30.02	88	NNE	1	b	30.02	-17	69	61	+1	NNW	1	b	*	87	61	-		
Toulon	30.08	85	Z	0	b	29.97	-11	74	69	0	ESE	3	b	2	86	70	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.65	57	SW	3	0 p	28.48	-29	55	55	0	WSW	2	m	*	58	53	0.52		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.89	67	55	SSE	7	0	5	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.13	78	69	nnw	4	6	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 (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in Chart



DAILY WEATHER REPORT

F O R

TUESDAY, 9TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on TUESDAY, 9th AUGUST. 1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4.

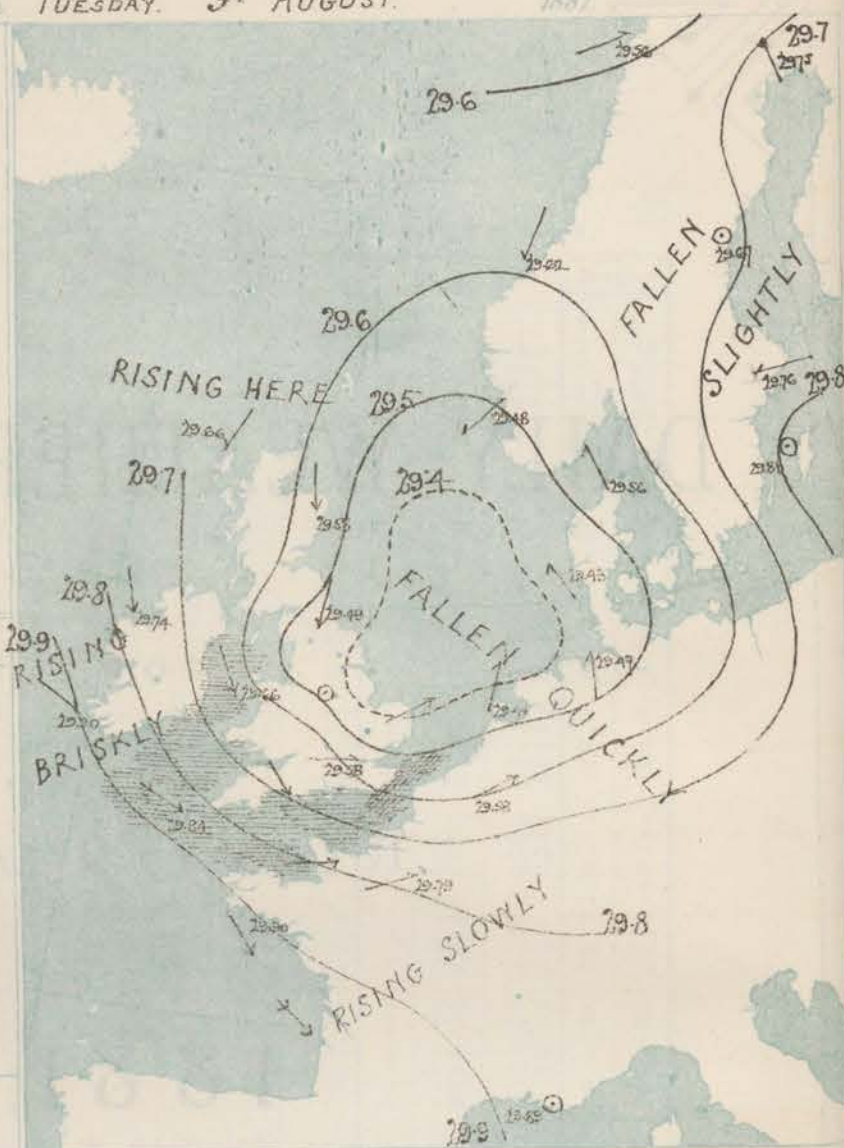
○ = dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast; thus: Rough; High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings Inch.
Nairn	29.853
Aberdeen	29.863
Leith	29.891
Scarborough	29.924
Aldershot	29.908
Greenwich	29.909
Holyhead	29.939
Valencia	29.963
Rochester Pt.	29.985
Plymouth	30.007
LONDON	29.988
Yarmouth	29.968

These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp	Rain-fall
Scrimbury Head	54.4	2.32
Stornoway	54.9	3.82
Aberdeen	57.5	3.23
Stuelde	58.8	2.40
York	60.2	2.37
Mullaghmore	59.0	2
Holyhead	60.1	2.47
Parsonstown	59.8	3.83
Valencia	60.3	4.08
Sally (St Mary's)	62.0	2.20
Hurst Castle	63.0	2
Dover	62.4	2.14
LONDON	63.5	1.97
Kornmouth	61.7	1.77

The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 9th August 1881 at 8 a.m.

During the past night a depression which grew much deeper as it advanced has passed across these Islands, and is now shown over the North Sea. It has caused a fall of about half an inch in the barometer over these Islands and the eastern shores of the North Sea, but in the W. and N. a brisk recovery is now in progress. The wind circulates round the depression, blowing from N. all over the more N. parts of the Kingdom, from NW. and W. in the S. and over France, and from the SWnd to the SEnd over N. Germany, Denmark, and Norway. On nearly all our coasts and in the W. and N. of France it blows strongly or with the force of a gale, but on the E-shore it is light or moderate. The weather is in a very unsettled, squally condition; it is inclined to clear at some of the Irish and Scotch stations, as well as in the N. of France and S. of England, but elsewhere the sky is overcast with showers in places. Rain has fallen everywhere, heavily in the E. and S. Temperature has fallen nearly everywhere - quickly in the E., and readings are low generally, ranging from 60° at Scilly to 52° at Kairn and Camlachie. The maxima varied between 70° and 75° in the SE. yesterday. The sea is rough in the SW. and S.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

10th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

Light to strong breezes from the Nth; cloudy, cool, unsettled.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

3 ENGLAND N.E.

Nth and NWth winds, strong squally, dull, rain.

4 ENGLAND EAST

Wth and NWth winds, very strong and squally; cloudy, cool, and showery then fair.

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST

NWth winds strong; dull, some rain.

7 ENGLAND N.W.

NWth and Nth winds, strong; dull, showery.

8 ENGLAND S.W.

NWth gales to strong winds; dull, showery.

9 IRELAND NORTH

Nth and NWth winds, moderate and strong; showery with bright intervals.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

9TH AUGUST

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.								PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 8).	SHADE TEMP.			
			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.	Amount of Rainfall.	
Haparanda ...	29.73	55	SW	2	0	29.75	-.05	58	57	- 1	S	2	0	*	68	50	-
Hernösand ...	29.73	54	S	2	0	29.67	-.13	63	59	+ 4	Z	0	0	*	66	45	-
Stockholm ...	29.79	60	SW	2	0	29.76	-.11	68	61	+ 7	E	2	0	*	72	34	-
Wisby ...	29.85	58	SSW	4	0	29.81	-.08	64	61	+ 6	Z	0	0	*	79	52	-
Bodö ...	29.51	62	E	2	C	29.56	-.04	53	51	- 1	WSW	4	0	*	66	52	0.08
Christiansund ...	29.50	57	WSW	6	0	29.62	+ .08	52	50	- 3	NE	2	0	*	63	43	0.04
†Skudesnaes ...	29.65	55	SSE	2	0	29.48	-.17	56	55	- 1	E NE	2	0	*	71	55	-
Oxö (Xiänsund) ...	29.70	59	S	4	0	29.52	-.28	59	58	+ 1	NE	4	0	*	59	57	0.16
Skagen (The Skaw) ...	29.76	61	Z	0	C	29.56	-.31	62	60	+ 3	SE	4	0	*	66	59	-
Fanö ...	29.74	58	S	1	C	29.43	-.48	64	62	- 2	SE	2	0	*	68	?	-
Cuxhaven ...	29.82	?	SSW	1	C	29.47	-.50	65	62	+ 5	S	2	0	*	73	57	-
†Sumburgh Head ...	29.57	54	NE	3	0	29.66	+ .09	57	55	+ 2	NE	4	0	*	59	52	-
†Stornoway ...	?	57	S	1	C	29.63	+ .10	54	51	- 2	NW	1	0	*	60	45	-
Wick ...	29.37	57	W	1	0	29.65	+ .06	53	50	- 2	W	1	0	*	62	51	-
Nairn ...	29.49	56	E	2	0	29.58	-.00	54	50	- 6	N	6	0	*	64	49	0.01
†Aberdeen ...	29.52	61	SSE	1	0	29.60	-.08	57	55	- 3	NNE	1	0	*	65	52	0.12
Leith ...	29.52	62	WSW	2	0	29.49	-.16	54	52	- 10	NNE	7	0	*	66	51	0.28
†Shields ...	29.59	63	S	4	0	29.35	-.42	58	57	- 3	NW	5	0	*	68	57	0.72
Spurn Head ...	29.67	64	S	1	0	29.46	-.24	56	55	- 8	NW	3	0	*	67	55	0.57
York ...	29.54	63	S	1	0	29.51	-.29	55	54	- 7	SSW	1	0	*	70	52	0.60
Nottingham ...	29.51	60	NW	1	C	29.61	-.04	56	54	- 2	SE	1	0	*	62	52	0.01
†Ardrossan ...	29.47	57	NE	2	0	29.74	+ .08	56	54	0	NNE	5	0	*	61	54	0.45
†Mullaghmore ...	29.31	55	SSW	2	0	29.66	-.02	58	55	+ 2	NW	3	0	*	59	54	0.08
Donaghadee ...	29.51	55	W	3	0	29.79	+ .09	55	52	- 2	W	2	0	*	67	43	0.17
Parsonstown ...	29.54	58	SW	2	0	29.48	-.25	56	55	- 3	NW	2	0	*	63	55	0.14
Barrow-in-Furness ...	29.55	60	SSW	3	0	29.66	-.08	57	56	- 2	NW	6	0	*	61	52	0.17
†Holyhead ...	29.53	60	W	1	0	29.56	-.16	58	55	- 5	WNW	5	0	*	63	53	0.52
Liverpool (Bidston) ...	29.66	57	W	6	0	29.90	+ .17	56	54	- 4	WNW	4	0	*	63	53	0.12
†Valentia ...	29.65	57	SW	4	0	29.84	+ .09	57	54	- 1	WNW	4	0	*	62	52	0.02
Roche's Point ...	29.57	58	WSW	3	0	29.69	-.08	56	54	- 3	NW	5	0	*	61	54	0.20
Pembroke ...	29.69	62	WSW	6	0	29.84	+.00	60	55	- 2	WNW	8	0	*	62	55	0.44
†Scilly ...	29.68	60	WSW	4	0	29.75	-.14	56	54	- 4	W	5	0	*	61	52	0.23
Prawle Point ...	29.68	62	WSW	6	0	29.66	-.25	58	55	- 4	NW	6	0	*	66	55	0.25
Hurst Castle ...	29.73	63	WSW	3	0	29.55	-.35	60	54	- 6	W	5	0	*	69	55	0.26
†Dover ...	29.68	62	SSW	3	0	29.58	-.32	58	54	- 6	W	4	0	*	75	49	0.39
†London ...	29.56	62	S	2	0	29.67	-.18	55	52	- 6	SW	4	0	*	69	52	0.51
Oxford ...	29.60	62	SW	1	0	29.46	-.39	63	52	- 10	SW	2	0	*	73	50	0.70
Cambridge ...	29.68	67	SSE	3	C	29.41	-.49	63	61	+ 1	SW	3	0	*	75	60	0.24
†Yarmouth ...	29.74	69	SW	5	0	29.60	-.15	58	54	- 3	W	9	0	*	72	54	-
The Helder ...	29.82	64	WSW	3	0	29.63	-.15	60	56	- 3	W	7	0	*	69	54	0.17
Cape Gris Nez ...	29.83	63	W	5	0	29.91	-.07	60	56	- 2	NW	5	0	*	63	57	-
†Jersey ...	29.88	65	W	5	0	29.90	-.09	61	56	+ 2	NW	7	0	*	72	57	-
Brest ...	29.97	69	NW	7	0	29.98	+ .01	67	63	- 4	NW	8	0	*	77	61	-
Lorient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
†Rochefort ...	*	*	*	*	*	29.58	-.38	60	56	- 5	WSW	5	0	*	75	58	0.24
Biarritz ...	29.87	63	S	1	0	29.74	?	62	57	+ 4	SW	?	0	*	81	51	0.12
Coruna ...	29.78	61	SW	4	0	29.79	-.19	62	55	- 4	WSW	4	0	*	*	*	0.08
Brussels ...	29.88	82	W	4	0	29.89	-.08	79	69	+ 5	Z	0	0	*	90	73	-
Charleville ...	HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																
Paris ...	28.34	55	SW	2	0	28.32	-.16	51	50	- 4	NW	3	0	*	56	51	0.24
Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Toulon ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.64	58	57	S		0	6	Valentia ...	29.65	59	58	SSE	5	ow	5
Sumburgh Head								Scilly ...	29.74	62	62	SW	5	fd	4
Stornoway ...	29.58	56	54	S	3	0	2	Dover ..	29.81	68	64	WSW	3	b	2
Aberdeen ...	29.63	56	54	ESE	1	0	1	London ...	29.77	71	64	SSW	3	o	*
Shields ...	29.61	65	60	SW	1	0	2	Yarmouth ...	29.76	68	63	SSE	4	bc	3
Ardrossan ...	29.59	61	58	SSW	2	e	1	Jersey ...	29.92	66	62	WSW	2	e	2
Mullaghmore ...	29.58	59	57	W	1	cvg	2	Rochefort ...	29.99	73	68	NW	7	b	2
Holyhead ...	29.65	61	59	SW	3	m	2	Ben Nevis (4068)	75.16	38	36	Z			Max Min Rain

Pressure is decreasing except at Aberdeen and SW winds prevail generally with dull weather and temperature ranges from 71° in London to 56° at Aberdeen and Stromaway.

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) or 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

WEDNESDAY, 10TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/ per quarter.*
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on WEDNESDAY 10th AUGUST.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

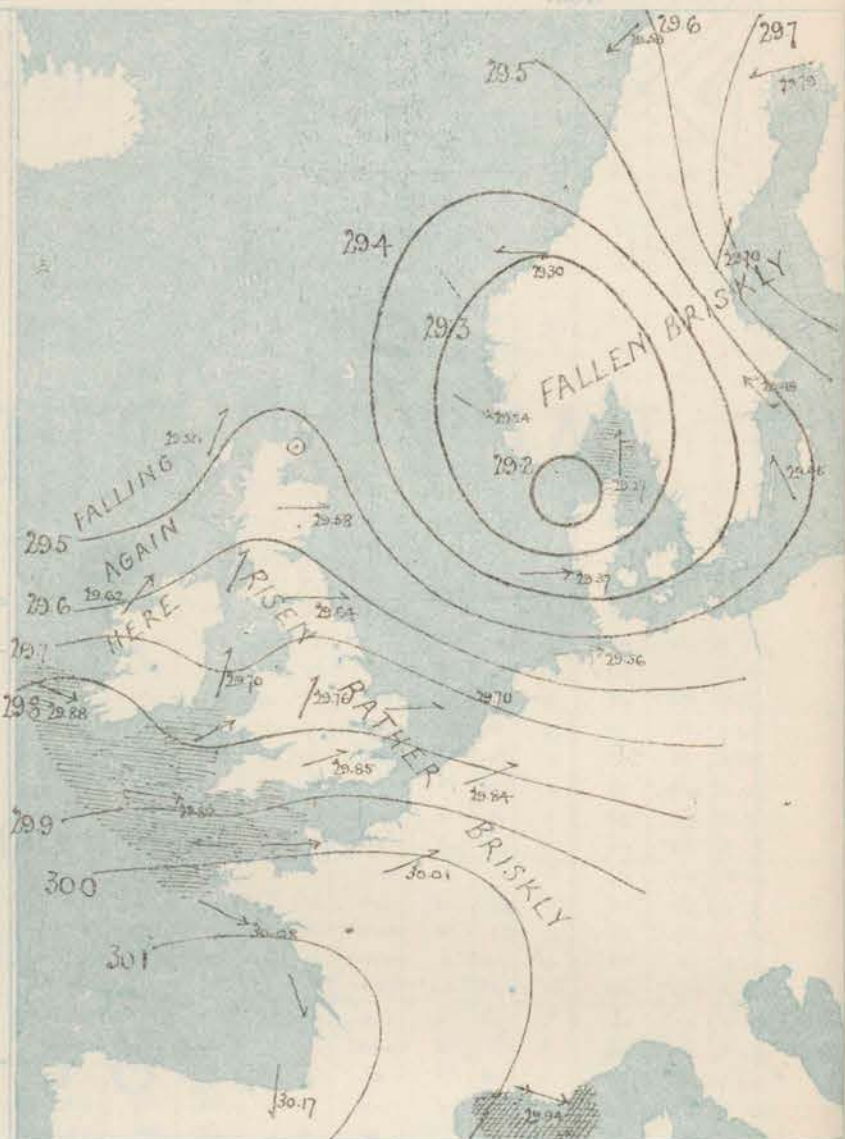
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings in.
Newton	29.857
Aberdeen	29.863
Leith	29.891
Scarborough	29.934
Ardrossan	29.908
Greenock	29.909
Holyhead	29.939
Valentia	29.965
Roche's Pt.	29.986
Plymouth	30.007
LONDON	29.958
Yarmouth	29.966

These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



REMARKS

for... Wednesday 10th August 1881... at 8 a.m.

The depression noticed yesterday has not travelled far during the night, and its centre now lies over the Shetland Ketch, where the barometer marks 29.2 ins. It has been succeeded by a fresh fall of the barometer on our N. and W. coasts, and a new disturbance seems to be approaching Scotland from the Wnd, while small subsidiary depressions are shown over the Irish Sea and Wales. Over France and the south-east of England a recovery is in progress, and the area of highest pressure lies over the Bay of Biscay. The wind is W^l over Ireland, England, the north of France, and the southern portion of the North Sea, but in Sweden it drags into S and SE, and in the south of France into NW and N. In the W. and SW. the wind blows freshly or strongly, but on most of our coast it is light or moderate. The weather is cloudy or dull in all parts of Western Europe, with rain at some W. and SW. stations. Slight rain has fallen generally. Temperature has changed slightly and irregularly, and readings range from 61° at Scilly to 51° at Dornway. The maxima yesterday were low everywhere, only reaching 70° at Nottingham and in London. The sea is rough in the SW.

FORECASTS

for the 24 hours ending at Noon
on the

11th AUGUST

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^w and W ^l winds, light or moderate; dull, rain at times.
2 SCOTLAND EAST	— D ^o — D ^o — D ^o —
3 ENGLAND N.E.	SW ^l to NW ^l winds, moderate but gusty; dull, some rain.
4 ENGLAND EAST	SW ^l veering to W ^l or NW ^l winds, moderate and fresh; cloudy, dull, some rain.
5 MIDLAND COUNTIES	— D ^o — D ^o — D ^o —
6 ENGLAND SOUTH	— D ^o — D ^o — D ^o —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^l and W ^l winds, fresh; dull, unsettled, showery.
7 ENGLAND N.W.	— D ^o — D ^o — D ^o —
8 ENGLAND S.W.	W ^l winds, fresh; cloudy, showery.
9 IRELAND NORTH	W ^l and NW ^l winds, fresh; cool, cloudy, showery.
10 IRELAND SOUTH	— D ^o — D ^o — D ^o —
WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

10th AUGUST

1881.

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	59	Z	0	0	29.79	+0.4	59	54	+1	E	2	bc	*	63	57	-		
Hernösand	29.69	58	Z	0	bc	29.70	+0.3	55	54	-8	NE	2	f	*	73	46	-		
Stockholm	29.66	58	ESE	2	0	29.49	-2.7	64	59	-1	SE	6	c	*	75	55	-		
Wisby	29.65	59	SE	2	bc	29.45	-3.6	59	51	-5	SSE	2	n	*	73	55	0.24		
Bodö	29.68	51	W	1	0	29.59	+0.3	61	56	+8	ENE	4	c	2	61	50	-		
Christiania and	29.47	53	EHE	4	0	29.30	-3.2	61	55	+9	E	4	0	2	61	45	0.08		
†Skudesnæs	29.34	58	Z	0	0	29.24	-2.4	53	52	-3	WNW	6	n	4	59	?	-		
Oxö (Århus)	29.31	60	NNE	2	f	29.20	-3.2	58	57	-1	E	6	0	4	64	55	0.59		
Skagen (The Skaw)	29.32	60	SSE	5	n	29.27	-2.9	59	57	-3	S	4	c	5	68	55	0.08		
Fanö	29.33	56	S	1	n	29.37	-0.6	55	53	-9	W	5	p	*	68	54	1.02		
Cuxhaven	29.44	?	WSW	4	n	29.56	+0.9	59	55	-6	W	7	bc	*	66	54	0.59		
†Sumburgh Head																			
†Stornoway	29.70	56	WNW	2	c	29.50	-1.6	51	50	-6	SSW	3	c	2	57	44	-		
Wick	29.66	56	W	3	bc	29.55	-0.8	52	50	-2	Z	0	c	0	60	40	-		
Nairn	29.68	55	W	1	bc	29.57	-0.8	53	49	0	Z	0	0	1	59	49	0.02		
†Aberdeen	29.66	58	W	6	bc	29.58	-0.0	55	51	+1	W	1	c	1	61	42	-		
Leith	29.67	62	W	1	0	29.61	+0.1	55	52	-2	W	1	0	*	65	47	0.08		
†Shields	29.67	55	NNE	3	0	29.64	+1.5	55	52	+1	W	3	c	3	59	46	-		
Spurn Head	29.70	57	W	5	c	29.72	+3.7	57	55	-1	WSW	4	0	4	60	52	0.19		
York	29.69	60	WNW	1	c	29.72	+2.6	55	52	-1	SW	2	0	*	65	47	-		
Nottingham	29.78	61	W	3	c	29.76	+2.5	61	53	+6	SW	3	0	*	70	49	0.05		
†Ardrossan	29.70	58	WNW	3	b	29.63	+0.2	55	53	-1	SW	3	0	2	65	52	-		
†Mullaghmore	29.82	57	W	5	0	29.62	-1.2	56	56	0	SW	5	na	4	61	53	0.02		
Donaghadee	29.79	56	WNW	4	c	29.65	-0.1	54	53	-4	WSW	1	0	0	62	49	-		
Parsonstown	29.87	57	W	2	c	29.74	-0.5	56	55	+1	WSW	2	n	*	61	51	0.03		
Barrow-in-Furness	29.72	57	WNW	4	c	29.70	+2.2	57	53	+1	SW	4	0	4	63	54	-		
†Holyhead	29.80	58	WNW	4	0	29.70	+0.4	55	55	-2	SSW	3	dm	2	61	52	0.01		
Liverpool (Bidston)	29.77	57	W	4	0	29.72	+1.6	55	52	-3	WSW	1	0	1	60	53	-		
†Valentia	29.94	58	WSW	3	om	29.88	-0.2	58	56	+2	WNW	5	apq	5	63	52	0.06		
Roche's Point	29.91	56	WNW	4	bc	29.80	-0.4	59	55	+2	WNW	5	bc	4	61	52	-		
Pembroke	29.84	58	W	4	c	29.75	+0.6	58	58	+2	WSW	5	bcq	6	61	54	0.03		
†Scilly	29.95	59	WNW	6	0	29.89	+0.5	61	60	+1	W	6	cp	6	61	57	0.03		
Prawle Point	29.92	60	WNW	3	bc	29.89	+1.4	57	57	+1	SSW	5	n	5	64	53	0.07		
Hurst Castle	29.84	63	WNW	4	bc	29.88	+2.2	59	56	+1	WNW	4	c	4	67	57	-		
†Dover	29.77	61	WSW	1	c	29.84	+2.9	60	56	0	W	4	bc	2	67	56	0.02		
†London	29.79	64	W	4	0	29.85	+2.7	57	54	-1	WSW	3	0	*	71	54	-		
Oxford	29.83	57	W	1	b	29.82	+1.5	56	54	+1	WSW	1	0	*	68	54	0.02		
Cambridge	29.73	61	W	1	0	29.78	+3.2	59	55	+6	WSW	1	0	*	67	52	0.23		
†Yarmouth	29.72	57	W	3	bc	29.78	+3.6	57	53	+2	W	3	c	3	60	53	0.28		
The Helder	29.62	59	WNW	6	0	29.70	+2.9	58	54	-5	W	1	0	3	64	57	0.24		
Cape Gris Nez	2																		
†Jersey	29.99	60	W	5	c	30.01	+1.8	59	56	-1	W	6	qgm	5	64	54	0.05		
Brest	30.04	69	W	4	0	30.04	+1.3	60	59	0	W	5	m	5	64	57	-		
Lorient	30.02	62	WNW	7	c	30.08	+1.8	62	57	+1	WNW	7	0	4	68	57	-		
†Rochefort	30.06	67	W	7	0	30.13	+1.5	65	60	-2	W	4	c	2	72	59	-		
Biarritz	30.10	69	W	4	0	30.17	+0.7	68	60	0	W	4	c	3	72	63	0.04		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	29.84	+2.6	59	56	-1	WSW	4	0	*	66	56	0.20		
Charleville	29.85	64	S	4	bc	29.92	+1.8	58	51	-4	SSW	1	0	*	72	54	0.04		
Paris	29.93	67	W	7	0	30.01	+2.2	60	55	-2	WSW	4	0	*	*	*	-		
†Lyons	29.95	80	W	4	b	30.10		63	54		W	1	c	*	87	61	-		
Toulon	29.87	76	WNW	5	b	29.94	+0.5	69	68	-10	WNW	8	b	7	86	68	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.48	55	W	2	c	28.47	+1.5	50	49	-1	WNW	2	c	*	59	42	-		

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

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudeenaes ...	29.34	59	57	NNE	4	N	3	Valentia ...	29.96	59	55	WNW	4	cp	4
Sumburgh Head								Scilly ...	29.93	60	55	WNW	6	c	6
Stornoway ...	29.69	56	53	NNE	3	c	2	Dover ..	29.68	66	60	W	5	bc	4
Aberdeen ...	29.62	61	53	N	6	bc	3	London ...	29.70	69	61	W	5	bc	*
Shields ...	29.62	57	53	NNE	5	bc	5	Yarmouth ...	29.57	56	55	WNW	5	cq/p	3
Ardrossan ...	29.67	63	59	WNW	3	bc	2	Jersey ...	29.96	63	57	W	6	b	5
Mullaghmore ...	29.82	57	54	WNW	5	c/p	4	Rochefort ...	30.04	71	63	WNW	8	c	0
Holyhead ...	29.76	61	60	WSW	4	c	3								
								Ben Nevis (4460 Ft)	25.18	38	37	W	0	0	

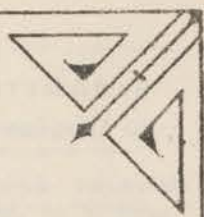
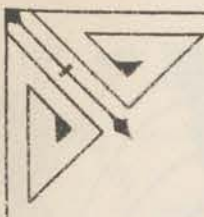
Ben Nevis (4606 ft.)
8 A.M. on 9th.

25.18 38 27 2 0 0 Max 43 Min 36

Pressure still increases everywhere and the depression is travelling further to the E. W. winds continue with cool fine weather in most places, though at Yarmouth and Valentia showers are reported. Temperature ranges from 69° in London to 56° at Yarmouth and Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Island (except at Oxfo. i), 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 2 p.m. daily. (Sundays excepted).
§ Observed for sale for insertion in chart.



DAILY WEATHER REPORT

FOR

THURSDAY, 11TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/ per quarter.*
D^s D^s Bookpost 5^s D^s



ROBERT H. SCOTT

(SECRETARY.)



Fredk. Dengerfeld, Lith. 22, Ballhof, 25, Central Station

WEATHER CHARTS

for 8 a.m. on Thursday. 11th AUGUST. 1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → force above 10; → force 8 to 10; → force 5 to 7; → force 1 to 4.
 ○ = dead calm.

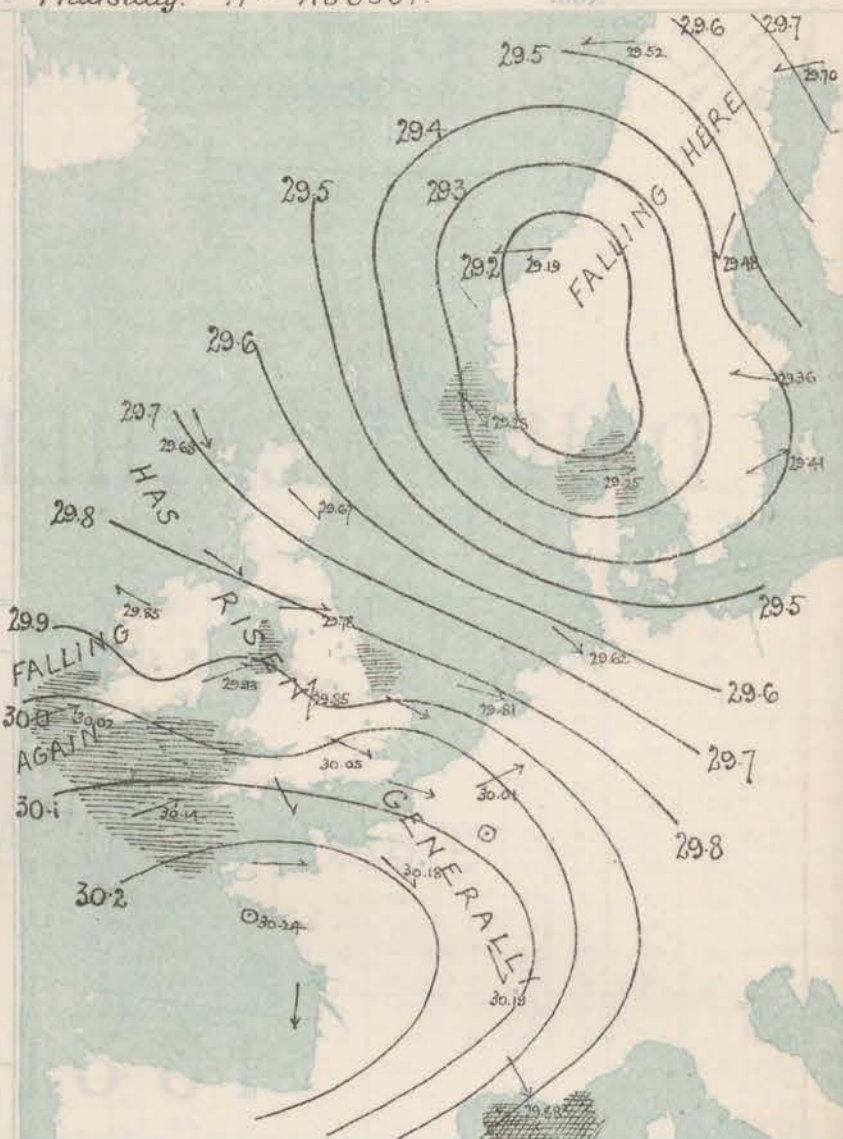
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough — High

MEAN HEIGHT of the BAROMETER

for the month of August

Stations	Mean Readings
Swan	29.853
Aberdeen	29.863
Leith	29.891
Scarborough	29.854
Ardrossan	29.908
Greenock	29.904
Holyhead	29.939
Valentia	29.905
Rosie's Pt.	29.985
Plymouth	30.007
LONDON	29.988
Yarmouth	29.966

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature Isotherms are drawn for each 10° Changes in temperature since previous morning are stated in words. Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

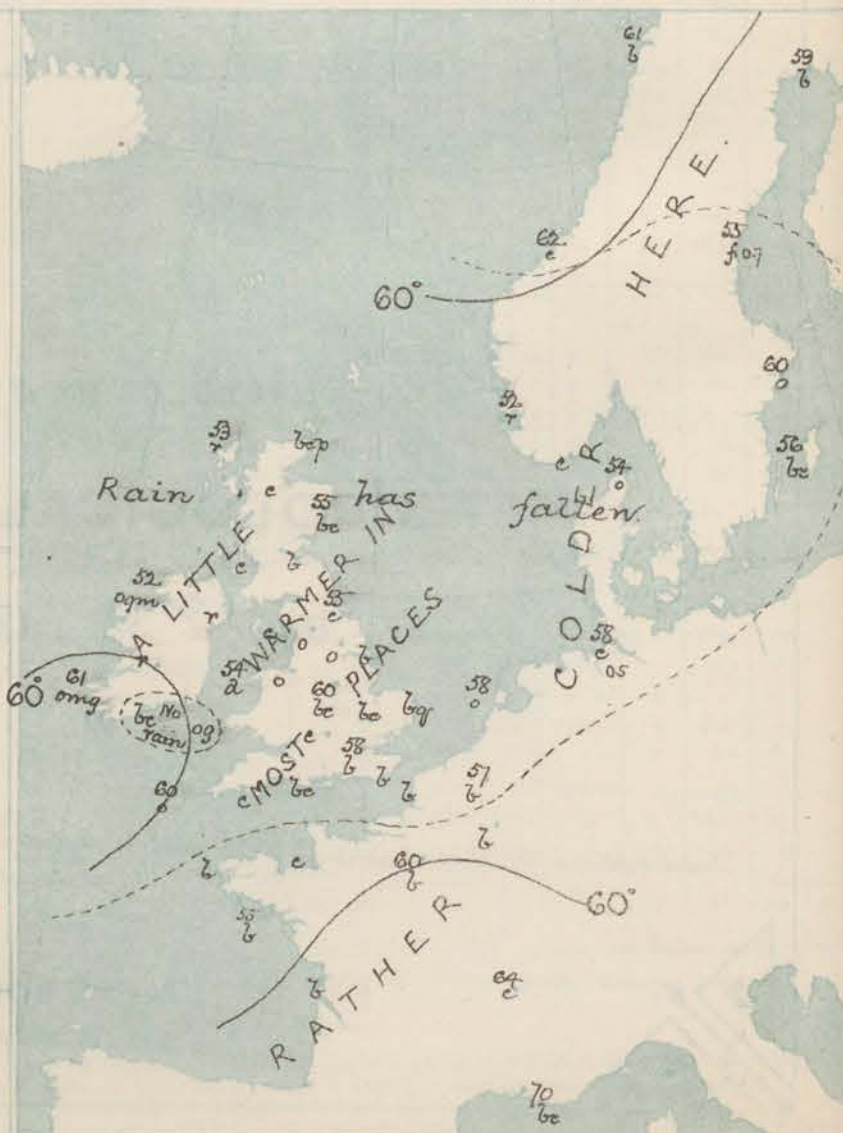
MEANS OF TEMPERATURE

AND RAINFALL

for the month of August

Stations	Temp.	Rain-fall
Sandburgh Head	60.4	2.37
Stornoway	54.9	3.87
Aberdeen	57.5	3.23
Shields	58.9	2.40
York	60.2	2.17
Mullaghmore	59.0	?
Holyhead	60.1	2.47
Paranstown	59.6	3.62
Valentia	60.3	4.08
Sally (St. Mary's)	62.0	2.30
Star Castle	63.0	?
Dover	62.4	2.13
LONDON	63.5	1.97
Yarmouth	61.7	1.77

*The mean Temperatures are those for the 13 years 1871-83; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 11th August 1881 at 8 a.m.

The weather this morning is comparatively fine, all over the eastern parts of the Kingdom, as well as over France, but in the west and north-west the sky is cloudy or overcast, and some rain is falling. During the past twenty-four hours rain has fallen in nearly all places, and the weather is still far from settled. Moderate to strong NW^{ly} to W^{ly} winds prevail on most coasts, but in Ireland the wind is backing towards SW. During last evening moderate to fresh gales were experienced in the north-east and north-west. Pressure is increasing all over France and the greater part of these Islands, but is falling in Ireland and over Norway; the area of highest readings still lies over the Bay of Biscay, and the lowest over Scandinavia, but a new depression is advancing over Ireland. Temperature has risen except over France, and some of our north-western and central stations; it is however, still low for the season, ranging from 64° at Dover to 52° at Mullaghmore. The maxima yesterday were between 55° and 65° generally, but reached 69° at Hunt Castle and in London. The sea is rough at several south-western and western ports.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

12th AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

NW^{ly} winds, backing, moderate to strong; fair to rain.

6 SCOTLAND
WEST

NW^{ly} to SW^{ly} winds, moderate and fresh, dull, rainy, and unsettled.

2 SCOTLAND
EAST

-----D°-----D°-----D°-----

7 ENGLAND
N.W.

-----D°-----D°-----D°-----

3 ENGLAND
N.E.

W^{ly} and SW^{ly} winds, moderate and fresh; cloudy, squally, some rain.

8 ENGLAND
S.W.

WSW^{ly} and SW^{ly} winds, strong; dull, squally, rain.

4 ENGLAND
EAST

Wind backing to SW, and increasing fair and bright then clouding over and unsettled.

9 IRELAND
NORTH

SW^{ly} winds, backing and increasing; dull, rainy, and unsettled.

5 MIDLAND
COUNTIES

-----D°-----D°-----D°-----

10 IRELAND
SOUTH

-----D°-----D°-----D°-----

6 ENGLAND
SOUTH

-----D°-----D°-----D°-----

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 11TH AUGUST 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.70	62	SE	2	0	29.70	-0.09	59	53	0	E	2	6	*	63	52	-		
Hernösand	29.49	56	NE	8	N	29.48	-0.22	55	54	0	NE	4	4	*	61	50	0.67		
Stockholm	29.38	57	SE	4	0	29.36	-0.13	60	57	-4	ESE	2	0	*	68	57	0.08		
Wisby	29.41	68	SW	6	0	29.41	-0.04	56	53	-3	WSW	6	60	*	66	57	0.12		
Bodö	29.56	65	E	4	bc	29.52	-0.07	61	58	0	E	4	6	2	72	57	-		
Christiansund	29.23	66	NE	3	C	29.19	-0.11	62	55	+1	E	3	C	2	66	52	-		
†Skudesnaes	29.30	52	WNW	6	N	29.28	+0.04	52	60	-1	WNW	8	N	5	54	52	-		
Oxö (Christiansund)	29.25	54	WSW	4	N	29.25	+0.05	54	51	-2	WSW	6	C	3	59	52	0.28		
Skagen (The Skaw)	29.27	56	WSW	8	N	29.25	-0.02	54	51	-5	N	7	C	6	63	52	0.20		
Fanö														*					
Cuxhaven	29.64	68	WNW	6	C	29.62	+0.06	58	53	-1	NW	7	C	*	?	52	0.50		
†Sumburgh Head																			
†Stornoway	29.58	53	NW	2	B	29.68	+0.18	53	53	+2	WNW	5	N	4	55	46	0.36		
Wick	29.54	54	S	1	C	29.61	+0.06	53	51	+1	NW	4	bc	2	59	47	0.20		
Nairn	29.58	52	N	1	0	29.67	+0.10	55	51	+2	WNW	3	C	2	59	50	0.16		
†Aberdeen	29.51	57	N	4	N	29.67	+0.09	55	50	0	NW	4	bc	1	62	60	0.02		
Leith	29.57	57	NW	4	bc	29.74	+0.13	57	53	+2	N	1	bc	*	60	50	0.26		
†Shields	29.55	57	WNW	6	bc	29.78	+0.14	55	52	0	N	4	C	2	60	49	0.09		
Spurn Head	29.62	61	WSW	7	bc	29.85	+0.13	57	54	0	N	6	bc	5	62	54	0.03		
York	29.66	61	N	4	bc	29.88	+0.16	56	53	+1	N	3	C	*	63	50	0.02		
Nottingham	29.83	58	WNW	4	bc	29.85	+0.09	60	55	-1	SW	4	bc	*	67	47	0.05		
†Ardrossan	29.68	55	WNW	6	cg, p	29.79	+0.16	55	52	0	WNW	4	C	3	58	50	0.28		
†Mullaghmore	29.89	56	WNW	7	C	29.85	+0.23	52	51	-4	SW	2	og, m	3	59	45	0.17		
Donaghadee	29.78	58	WNW	8	bc	29.88	+0.23	52	51	-2	N	3	N	1	63	49	0.01		
Parsonstown	29.98	58	WNW	1	C	29.89	+0.15	60	59	+4	N	3	N	*	63	50	0.23		
Barrow-in-Furness	29.75	58	WNW	6	bc	29.89	+0.19	54	51	-3	WNW	6	C	6	61	53	0.12		
†Holyhead	29.86	59	WNW	5	bc	29.93	+0.23	54	54	-1	WSW	2	bc	1	62	52	0.02		
Liverpool (Bidston)	29.77	58	N	7	bc	29.91	+0.19	55	52	0	WSW	5	C	5	62	53	0.10		
†Valentia	30.10	58	WNW	4	C	30.02	+0.14	61	60	+3	WSW	5	omg	5	64	54	0.04		
Roche's Point	30.03	57	NW	6	bc	30.00	+0.20	62	60	+3	N	4	bc	4	63	50	-		
Pembroke	29.92	61	N	4	bc	29.99	+0.24	58	57	0	WSW	5	og	5	62	55	-		
†Scilly	30.05	60	NW	7	C	30.14	+0.25	60	59	-1	WSW	6	C	6	61	56	0.01		
Prawle Point	29.99	60	WNW	5	bc	30.15	+0.26	57	55	0	WSW	3	C	4	65	52	0.04		
Hurst Castle	29.89	65	NW	5	bc	30.10	+0.22	58	54	-1	NW	4	bc	4	69	53	0.01		
†Dover	29.77	63	WSW	4	bc	30.04	+0.20	64	55	+4	N	4	bc	3	64	53	0.06		
†London	29.79	65	WNW	5	bc	30.05	+0.20	58	52	+1	WNW	3	bc	*	69	49	-		
Oxford	29.89	59	WNW	3	bc	29.94	+0.12	56	52	0	WSW	2	C	*	66	49	0.01		
Cambridge	29.77	61	WNW	2	bc	30.06	+0.22	57	51	-2	SW	2	bc	*	67	45	0.02		
†Yarmouth	29.67	62	N	4	C	29.93	+0.15	57	51	0	WNW	5	bc	4	63	49	0.01		
The Helder	29.60	61	WSW	4	N	29.81	+0.11	58	55	0	WNW	5	C	4	63	55	0.04		
Cape Gris Nez	29.80	62	N	8	bc	30.06		57	53		WNW	5	bc	4	64	53	-		
†Jersey	30.05	61	N	6	bc	30.22	+0.21	60	56	+1	N	4	C	4	66	56	-		
Brest	30.13	61	WNW	4	0	30.22	+0.19	59	56	-1	NW	3	bc	3	64	55	-		
Lorient	30.10	64	WNW	5	C	30.24	+0.16	55	55	-7	ESE	1	bc	3	66	55	-		
†Rochefort	30.17	68	WNW	5	0	30.25	+0.12	61	57	-4	N	5	bc	3	77	52	-		
Biarritz															*	*	*		
Corunna		*	*	*	*										*	*	*		
Brussels		*	*	*	*	30.01	+0.17	57	51	-2	WSW	5	C	*	64	52	0.04		
Charleville	?	61	SW	1	0	?	?	55	50	-3	S	1	bc	*	72	55	-		
Paris	29.97	67	WSW	4	bc	30.18	+0.17	60	55	0	NW	3	bc	*	*	*	-		
Lyons	30.07	74	N	3	bc	30.19	+0.09	64	58	+1	WNW	3	C	*	76	61	-		
Toulon	29.90	73	NW	9	bc	29.88	-0.06	70	59	+1	NW	7	bc	7	75	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.45	52	NW	6	bc	28.62	+0.15	49	48	-1	WNW	5	C	*	56	46	0.08		

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

Hawes Junction	28.45	52	NW	6	bc		28.62	+0.15	49	48	-1	WNW	5	C	*	56	46	0.08
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

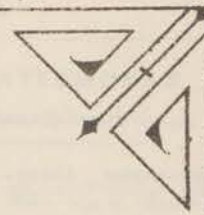

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.31	54	53	WNW	7	N	4	Valentia ...	30.03	63	57	WNW	5	bc	5
Sumburgh Head								Scilly ...	29.98	61	58	WNW	7	C	6
Stornoway ...	29.45	51	51	SE	1	N	1	Dover ..	29.80	60	59	SW	5	omg	3
Aberdeen ...	29.49	59	54	S	3	bc	1	London ...	29.76	65	62	SW	4	C	*
Shields ...	29.55	58	55	SW	3	0	3	Yarmouth ...	29.73	62	56	W	4	C	3
Ardrossan ...	29.57	58	54	WNW	6	bc	5	Jersey ...	29.93	64	62	WNW	6	C	5
Mullaghmore ...	29.81	58	52	WNW	8	bc	6	Rochefort ...	30.15	?	64	NW	5	C	2
Holyhead ...	29.74	62	61	WNW	5	bc	4	Bonifacio (1400 ft)	25.84	86	86	WN	8	0	Moz. KC

Bombardier (4400 ft) 25.88 26 26 7W 8 0 1700 32 0.01

Pressure is increasing over all our Wst and SWst districts where the wind is fresh or strong from WNW, but still decreasing slightly in the E. with SW and S breezes. The weather is clearing somewhat in many parts of the country but rain is falling at Dover and Stornoway. Temperature ranges from 65° in London to 51° at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

FRIDAY, 12TH AUGUST.

1881.

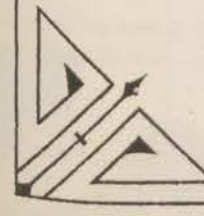
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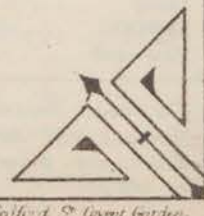
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Densford, Lith. 22, Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on

Friday, 12th August.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

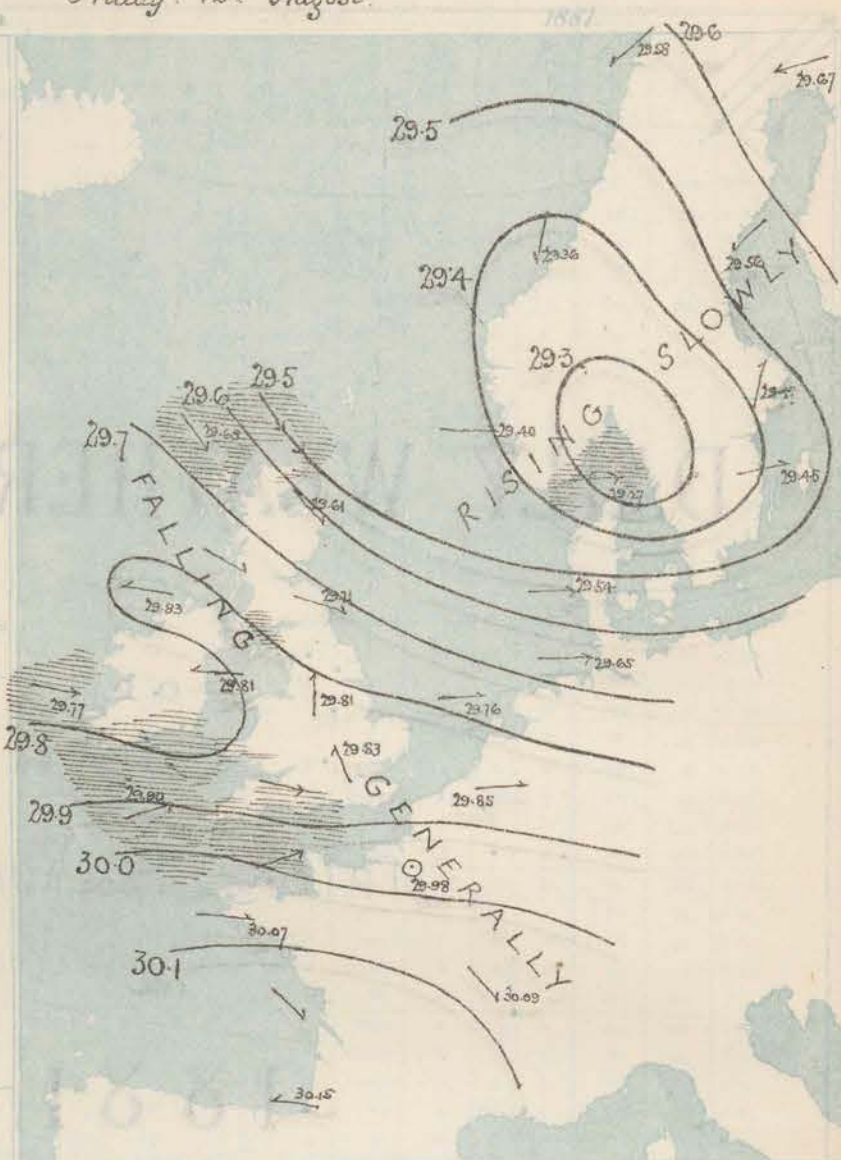
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of August

Stations	Mean Readings
Nairn	29.855
Aberdeen	29.863
Leith	29.891
Scarborough	29.939
Ardrossan	29.908
Greencastle	29.909
Holyhead	29.930
Valentia	29.965
Roche's Pt.	29.983
Plymouth	30.007
LONDON	30.088
Yarmouth	30.068

These means are for the 10 years 1866-75.
A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

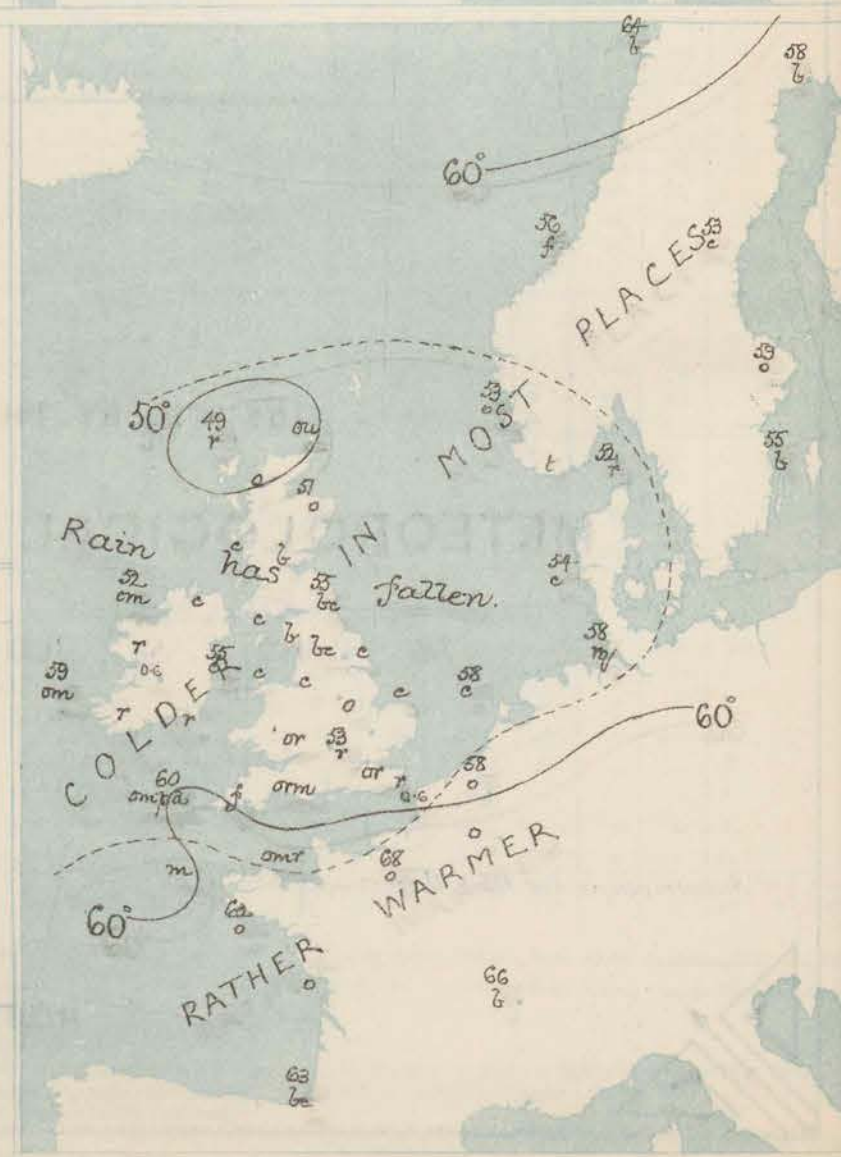
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August

Stations	Temp.	Rain-fall
Sundburgh Head	54.4	2.32
Stormy Bay	54.9	3.87
Aberdeen	57.6	3.23
Stirling	58.9	2.40
York	60.2	2.37
Millingtonmore	59.0	?
Holyhead	60.1	2.47
Parsonstown	59.6	3.52
Valentia	60.5	1.08
Sally (St Mary's)	62.0	2.20
Harst Castle	63.0	?
Dover	62.4	2.14
LONDON	63.5	1.97
Yarmouth	61.7	1.77

*The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY 12th AUGUST, 1881, at 8 a.m.

There is no sign at present of any improvement in the weather. On our north-east coast the sky is moderately clear, but elsewhere the weather is cloudy or overcast, with rain or mist at most stations. Rain has fallen in nearly all parts of the Kingdom during the past twenty-four hours, the amount at some Irish stations being about half an inch. Pressure is increasing over Scandinavia, and the depression which is still shown there is apparently filling up, but over the whole of these Islands and France the barometer is falling and a fresh though shallow disturbance is advancing over us; its centre being now over the Irish Sea. At the same time a subsidiary depression is shown off the NE. coast of Scotland, and a NW¹ gale is blowing in Caithness; in nearly all other places the wind is W¹, but at Holyhead and Mullaghmore it is E¹. It varies a good deal in force blowing strongly in the S. and SW. but very lightly in the SE. and over the Midland counties. Temperature has decreased except over France, and readings range from 61° on our S. coast to 49° in the extreme N. The maxima yesterday were low generally, not reaching 60° in the N. and NW., and scarcely exceeding 65° in any part of the country. The sea is rough in the SW. and N.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

13th AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ¹ gales to strong winds; showery, cloudy.
2 SCOTLAND EAST	NW ¹ winds, moderate and strong; gusty, cloudy, rain.
3 ENGLAND N.E.	D°-----D°-----D°-----
4 ENGLAND EAST	Variable light breezes to W ¹ and NW ¹ winds, strong, rain then fair.
5 MIDLAND COUNTIES	D°-----D°-----D°-----
6 ENGLAND SOUTH	Light and strong S ¹ and W ¹ winds; dull and rainy then fair.

6 SCOTLAND WEST	NW ¹ winds, moderate and strong, cloudy, showery.
7 ENGLAND N.W.	E ¹ to NW ¹ winds, light to fresh; showers.
8 ENGLAND S.W.	W ¹ winds, strong to a gale; dull, showery.
9 IRELAND NORTH	NW ¹ and W ¹ winds, fresh or strong; dull, mist, and rain, then fair.
10 IRELAND SOUTH	D°-----D°-----D°-----
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

12TH AUGUST

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 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 ...	29.67	71	E	2	e	29.67	-0.3	58	55	-1	E	4	b	*	73	49	-		
Hernösand ...	29.52	52	2	0	c	29.56	+0.8	53	52	-2	ENE	2	c	*	59	50	0.08		
Stockholm ...	29.43	52	SE	2	b	29.47	+1.1	59	54	-1	SSW	2	o	*	66	52	-		
Wisby ...	29.45	52	SW	2	b	29.45	+0.4	55	51	-1	W	2	b	*	64	52	-		
Bodö ...	29.54	63	E	2	bc	29.58	+0.6	64	59	+3	ENE	4	b	2	72	57	-		
Christiansund ...	29.27	52	W	4	f	29.36	+1.7	56	53	-6	NNE	1	f	1	40	45	-		
†Skudesnaes ...	29.39	49	WNW	4	n	29.40	+1.2	53	50	+1	WNW	2	o	4	?	?	-		
Oxö (Xiansund) ...	29.32	51	WSW	6	n	29.32	+0.7	52	50	-2	W	4	b	4	55	50	-		
Skagen (The Skaw)	29.32	54	W	9	o	29.27	+0.2	52	52	-2	W	7	n	6	55	50	0.08		
Fanö ...	29.58	53	W	4	c	29.54	-0.4	54	52	-2	W	6	c	*	57	50	0.20		
Cuxhaven ...	29.65	?	WNW	7	n	29.65	+0.3	58	56	0	W	6	ny	*	62	52	0.12		
†Sumburgh Head																			
†Stornoway ...	29.76	52	NNW	4	c	29.69	+0.1	49	49	-4	NW	6	n	5	56	46	0.06		
Wick ...	29.63	57	NW	7	o	29.49	-1.2	49	48	-4	NW	9	uo	6	57	45	0.14		
Nairn ...	29.70	53	WNW	3	c	29.63	-0.4	50	48	-5	NW	4	o	2	60	49	0.02		
†Aberdeen ...	29.66	56	NNW	3	b	29.61	-0.6	51	47	-4	NW	4	o	1	63	47	0.14		
Leith ...	29.72	61	NW	1	bc	29.69	-0.5	56	50	-1	NW	1	b	*	63	47	-		
†Shields ...	29.70	59	W	5	b	29.71	-0.7	55	51	0	WNW	3	bc	3	61	45	-		
Spurn Head ...	29.77	56	W	4	c	29.76	-0.9	54	53	-3	WSW	4	c	4	58	50	0.02		
York ...	29.80	55	WSW	1	o	29.79	-0.9	54	51	-2	W	1	bc	*	59	44	0.04		
Nottingham ...	29.85	57	SW	1	o	29.81	-0.4	59	55	-1	S	2	c	*	65	45	0.11		
†Ardrossan ...	29.77	57	NW	5	bc	29.75	-0.4	56	53	+1	WNW	3	c	3	62	51	-		
†Mullaghmore ...	29.88	56	NW	3	cq	29.83	-0.2	52	50	0	E	2	cm	2	57	49	0.06		
Donaghadee ...	29.86	56	NW	3	c	29.80	-0.8	56	53	-4	NW	3	c	1	62	46	0.02		
Parsonstown ...	29.89	57	2	0	n	29.78	-1.1	54	53	-6	N	1	n	*	61	53	0.64		
Barrow-in-Furness	29.82	57	NW	5	c	29.74	-1.5	54	51	0	NW	4	c	5	57	51	0.02		
†Holyhead ...	29.87	54	NNW	2	n	29.81	-1.2	55	54	+1	E	1	c	1	58	51	0.31		
Liverpool (Bidston)	29.83	54	WNW	2	o	29.80	-1.1	56	52	+1	W	1	c	2	57	51	0.27		
†Valentia ...	29.99	59	WSW	5	adm	29.77	-2.5	59	59	-2	W	5	om	5	63	57	0.65		
Roche's Point ...	29.94	64	WNW	5	bc	29.77	-2.3	59	58	-3	WSW	4	n	4	66	56	0.48		
Pembroke ...	29.87	59	WSW	6	o	29.78	-2.1	58	58	0	WSW	3	n	4	61	58	0.37		
†Scilly ...	30.08	61	WNW	7	om	29.90	-2.4	60	60	0	WSW	6	dpm	6	65	58	0.01		
Prawle Point ...	30.04	59	SW	4	f	29.89	-2.6	57	57	0	SW	4	f	5	59	56	0.05		
Hurst Castle ...	29.94	62	WNW	7	m	29.84	-2.6	61	60	+3	WNW	6	om	4	60	57	-		
†Dover ...	29.87	62	WSW	6	om	29.85	-1.9	56	54	-8	W	1	om	1	65	55	0.12		
†London ...	29.83	61	W	4	o	29.83	-2.2	53	51	-5	SSE	1	n	*	68	53	0.05		
Oxford ...	29.84	64	W	6	o	29.83	-1.1	52	51	-4	2	0	om	*	65	51	0.19		
Cambridge ...	29.79	59	NW	2	n	29.83	-1.7	55	53	-2	W	1	o	*	65	51	0.43		
†Yarmouth ...	29.74	57	2	0	mo	29.81	-1.2	53	51	-4	W	2	c	3	61	47	0.29		
The Helder ...	29.71	56	W	1	n	29.76	-0.5	58	58	0	W	2	c	3	61	55	0.12		
Cape Gris Nez	29.93	61	SSE	8	o	29.89	-1.7	57	57	0	WNW	1	n	3	63	50	0.58		
†Jersey ...	30.13	61	W	7	o	29.98	-2.4	61	61	+1	WSW	7	om	6	66	58	0.01		
Brest ...	30.18	60	W	5	o	30.05	-1.7	59	59	0	W	5	m	4	64	59	-		
Lorient ...	30.16	64	WNW	5	o	30.07	-1.7	62	60	+7	W	5	b	4	70	54	-		
†Rochefort ...	30.23	67	NW	5	b	30.17	-0.8	64	63	+3	NW	4	o	2	72	57	-		
Biarritz ...	30.21	68	N	5	b	30.15	-0.8	63	60	-3	E	4	bc	3	73	59	?		
Corunna ...	*	*	*	*	*	30.07	-0.8	66	*	-	NE	1	b	5	*	*	*		
Brussels ...	*	*	*	*	*	29.85	-1.6	58	56	+1	W	3	o	*	67	57	0.20		
Charleville ...	?	66	SW	1	c	29.90	?	62	59	+7	SW	1	o	*	70	55	-		
Paris ...	30.08	70	W	5	c	29.98	-2.0	68	60	+8	2	0	o	*	*	*	-		
Lyons ...	30.10	73	N	3	b	30.09	-1.0	66	53	+2	NW	1	b	*	79	57	-		
†Toulon ...	29.87	78	NW	8	b	29.89	+0.1	76	66	+6	2	0	b	5	84	68	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.55	53	W	2	bc	28.54	-0.8	48	46	-1	WSW	2	b	*	54	41	-		

HIGH LEVEL STATION.

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

Hawes Junction	29.55	53	W	2	bc	29.54	-0.8	48	46	-1	WSW	2	b	*	54	41	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.38	51	50	nnw	7	0	5	Valentia ...	30.02	61	60	wsn	6	omg	6
Sumburgh Head								Scilly ...	30.18	64	62	wsn	7	om	6
Stornoway ...	29.73	56	52	nnw	4	bc	4	Dover ...	29.96	63	58	wsn	5	bq	4
Aberdeen ...	29.64	58	55	nw	4	n	1	London ...	29.93	65	60	wsn	6	cq	*
Shields ...	29.73	60	56	w	4	c	2	Yarmouth ...	29.89	59	54	w	4	of	4
Ardrossan ...	29.75	61	57	nw	4	c	3	Jersey ...	30.19	63	59	wsn	5	o	4
Mullaghmore ...	29.87	55	53	nnw	1	o	1	Rochefort ...	30.23	69	62	nw	5	b	2
Holyhead ...	29.83	56	56	n	3	n	2	Ben Nevis (4406 Ft) Sum on 112	25.24	34	34	ne	3	o	Max 37 Min 33 Rain 1.25

The barometer is rising at a few S.W. and N.W. stations but is falling generally and a slight depression is passing across us. Strong W. winds prevail in the S.W. and S. and fresh NW winds in the N. The weather is cloudy, with some showers, and temperature ranges from 65° in London to 55° at Wick.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

SATURDAY, 13TH AUGUST.

1881.

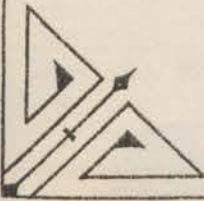
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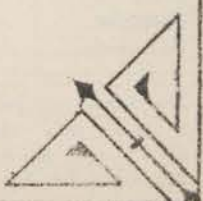
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Saturday 13th AUGUST.

1887

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—

→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.

○ = dead calm.

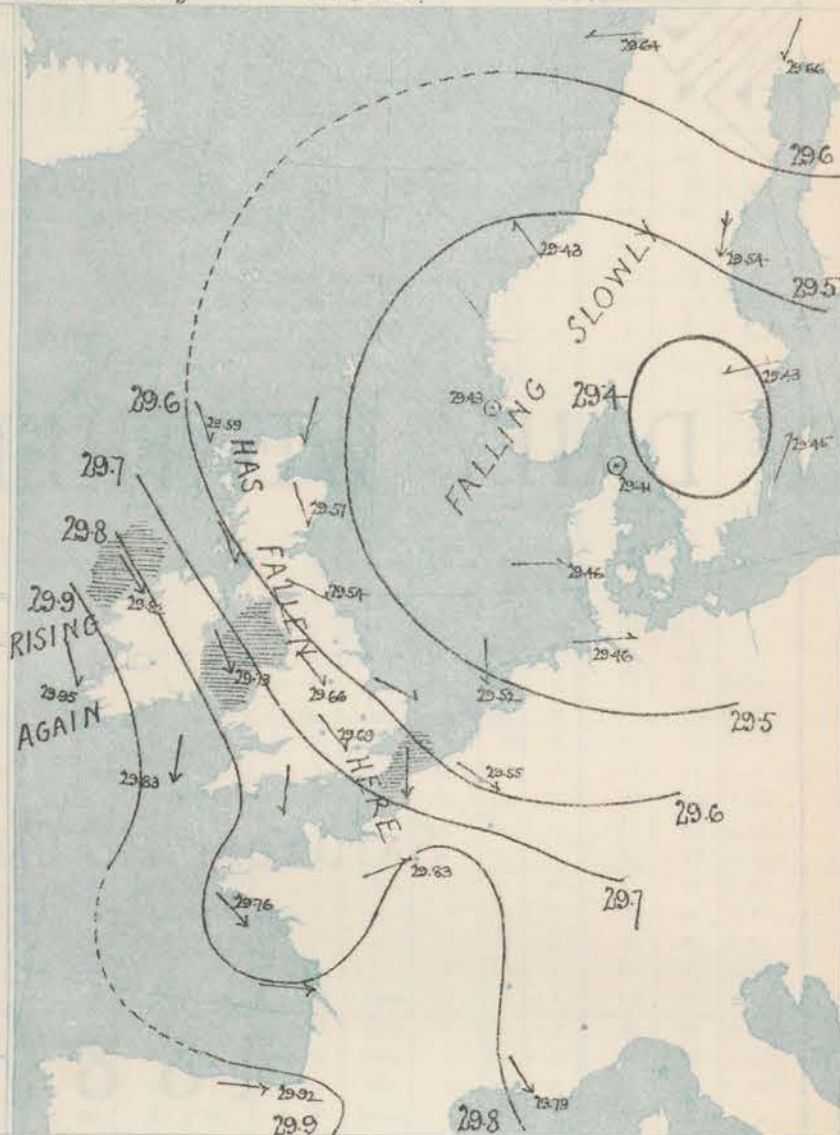
Sea Disturbance, where considerable, is shown by shading round the coast. Dots = Rough; ▨ = High.

MEAN* HEIGHT of the BAROMETER

for the month of August

Stations	Mean Readings
Nairn	29.833
Aberdeen	29.803
Leith	29.891
Scarborough	29.954
Ardrrossan	29.908
Greenacastle	29.909
Holyhead	29.939
Valentia	29.965
Rock's Pt	29.985
Plymouth	30.007
LONDON	29.988
Yarmouth	29.968

*These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

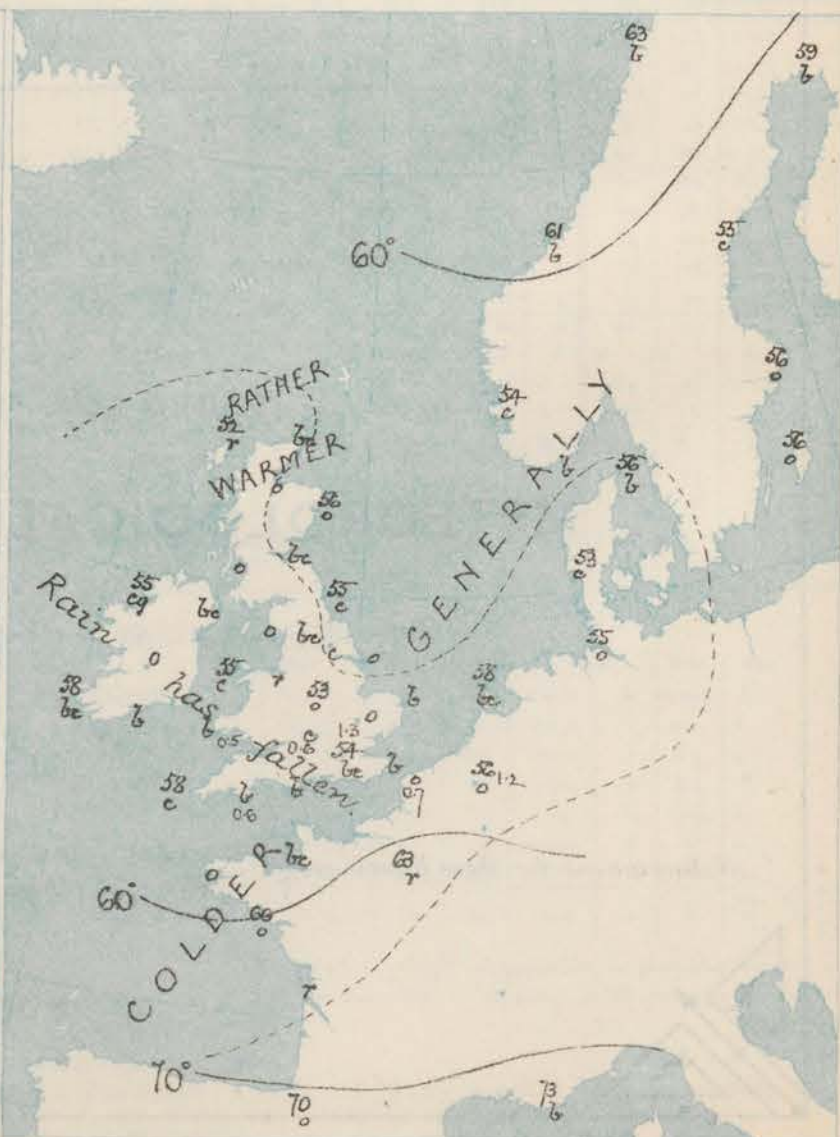
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August

Stations	Temp.	Rain-fall
Stamburgh Head	54.4	2.32
Stornoway	54.9	3.87
Aberdeen	57.5	3.23
Shields	58.8	2.40
York	60.2	2.37
Mullaghmore	59.0	?
Holyhead	60.1	2.42
Parsonstown	59.6	3.50
Valentia	60.3	4.08
Sally (St Mary's)	62.0	2.20
Hurst Castle	62.0	?
Dover	62.4	2.14
LONDON	62.8	1.97
Yarmouth	61.7	1.77

*The mean Temperatures are those for the 25 years 1852-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 13th August 1881 at 8 a.m.

The shallow depression noticed over our midland counties, has moved S^{wd} during the night, and now lies over the NW. of France. A slight recovery has commenced in its rear over Ireland and the south-west of England, but in all other parts of Western Europe the barometer is falling, and the large depression over the eastern shores of the North Sea is still shown there. The wind has veered on all our coasts and over the Channel, and is now N^t to NW^t generally, blowing moderately in most places, but strongly on our north-west coast. In the north of Scandinavia the wind is E^t and in the S. and over Denmark W^t. Temperature has decreased except in the N., and ranges from 58° in the SW., to 49° at Kairn. The maxima were 68° at York and 69° at Nottingham, but below 65° elsewhere. The weather is dull and rainy on our NW. coast and in the N. of France, moderately fine elsewhere. Rain has fallen except in the north-east, the amount in London exceeding one inch and a quarter. The sea is rough in the NW.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
14th AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	N ^o winds, light and moderate; cool, cloudy, showery.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	NW ^o breezes, moderate; cloudy, slight showers.
4 ENGLAND EAST	W ^o to N ^o breezes, moderate and light; fair generally.
5 MIDLAND COUNTIES	NW ^o and N ^o breezes, moderate and light; cloudy, cool, some showers.
6 ENGLAND SOUTH	-----D°-----D°-----D°-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NW ^o breezes, fresh; cool, some showers.
7 ENGLAND NW	NNW ^o winds, fresh and strong; cloudy, showery, improving.
8 ENGLAND SW	N ^o winds, moderate and strong; cloudy, unsettled, showers.
9 IRELAND NORTH	NW ^o and N ^o winds, fresh and moderate; cloudy, some showers, cool, unsettled.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

13th AUGUST

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						LAST 24 HOURS.				
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force (0 to 12).	Weather.	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).			Dry.	Wet.					Max.	Min.			
Haparanda	29.66	58	E	2	b	29.66	-0.1	59	50	+1	NE	4	68	54	-		
Hernösand	29.45	59	NNE	6	c	29.64	-0.2	55	51	+2	NE	8	69	46	-		
Stockholm	29.44	50	SW	2	b	29.43	-0.4	56	52	-3	E	2	64	50	-		
Wisby	29.45	50	SSW	4	b	29.45	0.0	56	53	+1	SW	4	64	50	-		
Bodo	29.60	66	Z	0	b	29.64	+0.6	63	55	-1	E	2	75	55	-		
Christiansund	29.45	55	N	2	bc	29.43	+0.7	61	55	+5	ESE	3	61	43	-		
Skudesnaes	29.46	53	SE	1	o	29.43	+0.3	54	52	+1	Z	0	?	54	-		
Oxö (Klansund)	29.42	55	WSW	4	o	29.42	+1.0	56	52	+3	NNW	4	57	52	0.12		
Skagen (The Skaw)	29.42	54	WSW	2	e	29.41	+1.4	56	54	+4	Z	0	61	46	0.08		
Fanö	29.57	55	N	4	c	29.46	-0.8	53	52	-1	N	3	57	50	0.08		
Cuxhaven	29.67	?	N	4	b	29.46	-1.9	55	54	-3	N	1	?	50	-		
†Sumburgh Head																	
†Stornoway	29.59	49	NW	6	o	29.59	-1.0	52	52	+3	NNW	2	52	49	0.16		
Wick	29.47	52	SW	7	o	29.54	+0.5	53	52	+4	NNE	2	53	48	0.08		
Nairn	29.55	49	NNW	2	N	29.55	-0.8	49	49	-1	Z	0	52	47	0.10		
†Aberdeen	29.53	52	N	3	o	29.51	-1.0	56	53	+5	NNW	4	56	50	0.01		
Leith	29.59	58	SW	1	c	29.56	-1.3	58	52	+2	NNW	1	62	50	-		
†Shields	29.58	62	N	3	e	29.54	-1.7	55	52	0	WNW	3	63	48	-		
Spurn Head	29.61	58	SE	2	o	29.57	-1.9	54	52	0	WNW	4	63	50	-		
York	29.58	60	N	2	b	29.59	-2.0	53	50	-1	WNW	2	68	45	-		
Nottingham	29.67	57	S	1	o	29.66	-1.5	53	52	-6	WNW	1	69	43	-		
†Ardrossan	29.66	56	WNW	4	bc	29.61	-1.4	53	52	-3	SW	4	60	51	0.02		
†Mullaghmore	29.79	56	N	5	bc	29.82	-0.1	55	51	+3	SW	6	61	51	-		
Donaghadee	29.72	56	N	4	bc	29.69	-1.1	54	51	-2	N	5	61	51	-		
Parsonstown	29.76	60	SW	1	bc	29.87	+0.9	52	49	-2	NNW	1	61	43	0.29		
Barrow-in-Furness	29.67	58	SW	5	bc	29.62	-1.2	53	51	-1	SW	6	61	52	-		
†Holyhead	29.73	55	NNW	4	c	29.73	-0.8	55	54	0	SW	7	57	53	0.02		
Liverpool (Bidston)	29.68	56	WNW	3	bc	29.65	-1.5	52	51	-4	N	6	59	52	0.02		
†Valentia	29.76	59	NNE	5	bc	29.75	+1.8	58	53	-1	NNW	2	62	46	0.05		
Roche's Point	29.75	56	ENE	4	N	29.90	+1.3	54	50	-5	NNW	2	63	48	0.18		
Pembroke	29.66	54	NNE	4	o	29.77	-0.1	54	51	-4	SW	4	59	50	0.45		
†Scilly	29.70	61	WSW	6	af	29.88	-0.7	58	53	-2	N	5	61	56	0.25		
Prawle Point	29.71	58	SW	4	o	29.80	-0.9	55	53	-2	SW	3	59	46	0.61		
Hurst Castle	29.67	61	SW	6	2	29.73	-1.1	54	50	-7	N	3	62	47	0.32		
†Dover	29.65	61	SW	5	nom	29.62	-2.3	53	52	-1	N	3	64	52	0.38		
†London	29.64	60	Z	0	agn	29.69	-1.4	54	52	+1	SW	3	60	48	1.29		
Oxford	29.53	54	NNE	1	o	29.64	-1.4	52	49	0	NNW	1	58	46	0.55		
Cambridge	29.67	55	WSW	1	A	29.64	-1.9	52	51	-3	N	1	59	46	0.31		
†Yarmouth	29.66	54	WSW	1	A	29.58	-2.3	55	52	+2	WNW	2	60	48	0.06		
The Helder	29.64	58	N	1	c	29.52	-2.4	58	52	0	N	1	61	55	-		
Cape Gris Nez	29.72	61	WSW	7	A	29.62	-2.7	55	54	-2	N	7	63	52	0.74		
†Jersey	29.83	62	N	7	mod	29.81	-1.7	56	52	-5	NNE	4	65	54	0.21		
Brest	29.83	62	N	5	o	29.79	-2.6	58	56	-1	N	4	66	?	0.12		
Lorient	29.89	63	N	5	o	29.76	-3.1	60	58	-2	SW	5	66	54	0.08		
†Rochefort	29.97	68	SW	4	c	29.82	-3.5	67	66	+3	N	7	75	61	-		
Biarritz	30.14	71	N	4	b	29.92	-2.3	70	64	+7	N	5	73	?	-		
Corunna	*	*	*	*	*			*	*			*	*	*	*		
Brussels	*	*	*	*	*	29.58	-2.0	56	55	-2	SW	3	61	55	1.22		
Charleville	*	*	*	*	*							*	*	*	*		
Paris	29.84	72	SW	5	o	29.83	-1.5	63	59	-5	WSW	3	*	*	0.16		
Lyons	*	*	*	*	*							*	*	*	*		
Toulon	29.84	77	N	8	b	29.79	-1.0	73	60	-3	SW	5	90	70	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.41	54	WNW	3	bc	28.37	-1.7	48	47	0	WNW	2	57	42	0.02		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.44	58	53	WSW	2	c	3	Valentia ...	29.75	62	60	WSW	3	o	3
Sumburgh Head								Scilly ...	29.80	61	60	WSW	5	N	5
Stornoway ...	29.63	49	49	NNW	5	N	5	Dover ..	29.74	64	58	E	1	om	o
Aberdeen ...	29.56	54	50	SW	4	N	1	London ...	29.73	59	53	S	1	o	A
Shields ...	29.62	62	55	N	8	c	3	Yarmouth ...	29.73	59	53	WSW	1	c	3
Ardrossan ...	29.58	60	54	WNW	4	bc	3	Jersey ...	29.93	63	61	WSW	6	o	5
Mullaghmore ...	29.89	60	55	N	5	bc	3	Rochefort ...	30.06	75	68	SW	4	b	2
Holyhead ...	29.75	55	54	N	3	o	2	Ben Nevis (4965 Ft.)	25.18	32	32	SW	3	o	

Pressure has decreased everywhere since the morning but at Valentia it has been steady since noon. The wind is NW to W and is still strong at Wick. The weather is dull and wet, and temperature ranges from 64° at Dover to 49° at Stornoway.

EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SUNDAY, 14TH AUGUST.

1881.

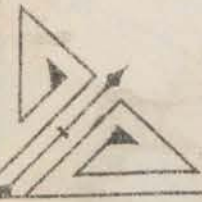
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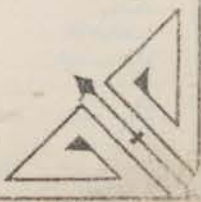
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Sunday. 14th AUGUST.

1881

BAROMETER, WIND & SEA

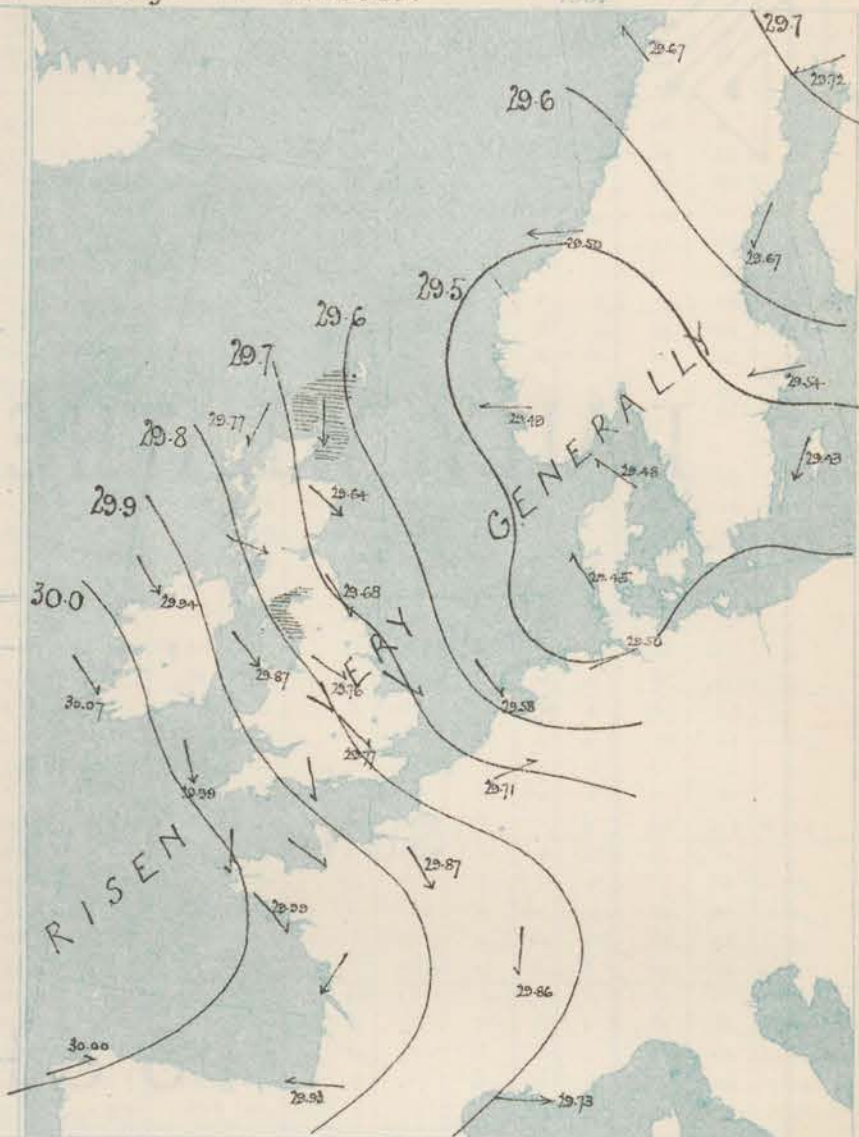
Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10;
→→ forces 5 to 7; →→ forces 1 to 4;
○ = dead calm.
Sea Disturbance; where considerable, is shown by shading round the coast; thus: Rough, High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings Ins.
Nairn	29.853
Aberdeen	29.863
Leith	29.891
Scarborough	29.931
Ardrossan	29.908
Greencastle	29.909
Holyhead	29.939
Valencia	29.905
Roches Pt.	29.985
Plymouth	30.007
LONDON	29.983
Karmouth	29.966

These means are for the 10 years 1866-76.
A more complete set of mean values is in course of preparation.



REMARKS

for SUNDAY 14TH AUG 1881 at 8 a.m.

The weather over the United Kingdom this morning is still very cool for the time of year, very fine over Ireland, cloudy over the major part of Great Britain, and somewhat showery in the north-east and east. The winds has remained chiefly NW^{ly}, and though moderate or fresh in force in most places, has been blowing hard in Caithness and over the Moray Firth. Temperature varies from 57° on our south-west coast to 51° in the east of Scotland, but is reported to be as high as 60° (locally) at Nottingham, where the sky is clear. The sea is moderate round our coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

ISSUED AT 11 a.m. on previous day

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND NE
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND NW
- 8 ENGLAND SW
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 14TH AUGUST 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.						FAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.				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	29.67	57	Z	0	b		29.72	+ .06	56	47	- .3	E	2	b		70	52	-
Hernösand	29.63	53	NE	4	r		29.67	+ .13	55	54	0	NE	2	o	*	59	50	0.24
Stockholm	29.53	52	ESE	2	c		29.64	+ .11	55	53	- .1	E	2	o	*	63	46	-
Wisby	29.48	56	SSE	4	o		29.43	- .05	55	53	- .1	ENE	6	r	*	66	50	0.43
Bodö	29.64	66	Z	0	b		29.67	+ .03	58	54	- .5	ESE	4	bc	1	70	54	-
Christiansund	29.45	63	E	4	b		29.50	+ .07	60	54	- .1	E	5	b	2	66	50	-
†Skudesnaes	29.42	54	WNW	1	o		29.49	+ .06	55	53	+ .1	E	2	c	4	55	?	-
Öxö (Xiänsund)	29.49	54	WNW	1	o		29.47	+ .05	52	51	- .3	NNE	4	r	3	59	50	0.24
Skagen (The Skaw)	29.45	56	Z	0	b		29.48	+ .07	59	55	+ .3	ESE	2	bc	1	66	54	-
Fanö	29.50	54	W	4	c		29.45	- .01	57	56	+ .4	SSE	2	c	*	57	52	-
Cuxhaven	29.51	?	W	2	bc		29.50	+ .04	58	56	+ .3	WSW	4	r	*	59	52	0.23
†Sumburgh Head																		
†Stornoway	29.68	53	NE	2	o		29.77	+ .18	51	51	- .1	NNE	4	o	4	54	42	0.02
Wick	29.64	55	N	4	o		29.63	+ .09	51	51	- .1	N	4	om	5	60	49	-
Nairn	29.67	54	WNW	1	r		29.70	+ .11	52	50	+ .3	WNW	1	u	2	56	45	0.10
†Aberdeen	29.61	56	N	4	o		29.64	+ .13	55	51	- .1	NN	7	bcg	3	60	51	-
Leith	29.64	63	NW	1	r		29.69	+ .13	59	54	+ .1	NN	1	b	*	66	49	0.28
†Shields	29.57	58	W	2	c		29.62	+ .14	54	52	- .1	NN	2	c	2	60	49	0.14
Spurn Head	29.62	57	W	4	o		29.75	+ .18	50	52	+ .2	W	4	c	1	58	53	-
York	29.62	57	W	2	o		29.71	+ .12	58	54	+ .5	W	3	b	*	60	52	-
Nottingham	29.70	56	NN	4	r		29.76	+ .10	60	57	+ .7	WNW	2	bc	*	60	50	0.07
†Ardrossan	29.63	55	WNW	5	c		29.76	+ .15	56	55	+ .3	WNW	5	b	3	58	52	-
†Mullaghmore	29.58	55	NW	5	o		29.94	+ .12	55	51	0	NW	5	c	4	60	52	0.02
Donaghadee	29.76	53	NNW	4	o		29.83	+ .14	55	53	+ .1	N	4	o	2	57	52	0.19
Parsonstown	29.90	57	NW	2	b		30.00	+ .13	53	50	+ .1	NN	2	b	*	62	46	-
Barrow-in-Furness	29.69	55	NN	6	bc		29.77	+ .15	55	53	+ .2	NNW	5	o	6	57	52	0.04
†Holyhead	29.78	56	NN	6	o		29.87	+ .14	55	52	0	NN	6	c	4	57	53	-
Liverpool (Biston)	29.71	53	W	6	o		29.79	+ .14	54	52	+ .2	W	5	o	4	55	52	0.15
†Valentia	29.99	59	NNW	3	bc		30.07	+ .12	57	52	- .1	NN	3	c	3	62	52	-
Roche's Point	29.73	58	NNW	5	b		30.02	+ .12	55	51	+ .1	NNW	3	b	3	63	48	-
Pembroke	29.82	59	WNW	2	c		29.90	+ .13	54	51	0	NN	4	o	3	59	52	-
†Scilly	29.91	59	NN	5	bc		29.99	+ .16	57	53	- .1	NNW	5	c	4	60	55	-
Prawle Point	29.86	58	NN	3	bc		29.94	+ .14	55	52	0	NN	2	c	1	65	48	-
Hurst Castle	29.7	59	N	4	bc		29.85	+ .12	57	53	+ .3	NNW	4	c	3	64	52	-
†Dover	29.72	58	WNW	3	o		29.75	+ .13	55	52	0	WNW	3	bc	2	61	52	0.02
†London	29.75	56	WNW	2	o*		29.77	+ .08	54	51	0	NN	3	o	*	59	51	-
Oxford	29.79	54	W	1	o		29.82	+ .13	54	52	+ .2	WNW	2	o	*	57	52	-
Cambridge	29.70	51	WNW	1	r		29.75	+ .11	54	52	+ .4	WNW	1	o	*	50	50	0.04
†Yarmouth	29.64	46	WNW	1	c		29.69	+ .11	55	52	0	WNW	2	o	3	62	51	0.02
The Heider	29.60	58	WNW	2	c		29.58	+ .06	57	54	- .1	NN	2	c	3	61	55	0.04
Cape Gris Nez	29.78	58	WNW	5	o		29.78	+ .16	55	52	0	WNW		o	4	61	54	-
†Jersey	29.92	59	NN	3	b		29.96	+ .15	58	52	+ .2	NN	4	b	3	62	54	-
Brest	29.94	58	N	4	b		30.01	+ .22	57	54	- .1	N	4	o	3	64	54	-
Lorient	29.87	64	NN	4	b		29.99	+ .13	59	64	- .4	NN	4	b	2	70	52	-
†Rochefort	29.58	66	NW	7	c		29.96	+ .14	58	54	- .9	NE	5	b	2	72	50	-
Biarritz	29.91	69	WSW	7	r		29.93	+ .01	64	63	- .5	E	4	c	3	72	61	0.86
Cornuna	*	*	b	*	*		30.00		67	*		SW	1	af	r	*	*	*
Brussels	*	*	*	*	*		29.71	+ .16	54	52	- .2	WSW	4	o	*	65	53	0.08
Charleville	29.70	60	W	4	b		29.76	+ .14	54	50		WSW	7	o	*	70	48	-
Paris	29.80	61	NNW	5	c		29.87	+ .07	59	52	- .4	NN	5	o	*	*	*	0.04
Lyons	29.77	69	?	1	o		29.80		58	53		N	3	o	*	77	?	-
Toulon	29.74	75	W	7	b		29.73	- .05	64	60	- .4	W	1	o	4	81	63	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.42	57	W	3	c		28.51	+ .12	57	49	+ .3	WNW	3	o	*	52	47	0.09

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.42	55	53	WNW	4	0	3	Valentia ...	29.95	62	56	NN	3	bc	4
Sumburgh Head								Scilly ...	29.90	59	53	NNW	5	bc	4
Stornoway ...	29.64	53	52	NNW	4	0	4	Dover ..	29.69	59	54	NNW	3	c	2
Aberdeen ...	29.56	60	55	N	4	0	5	London ...	29.72	58	54	NN	2	o	*
Shields ...	29.57	59	56	W	2	0	2	Yarmouth ...	29.63	59	53	W	2	c	2
Ardrossan ...	29.62	56	54	NN	5	c	4	Jersey ...	29.88	61	55	NNW	3	b	3
Mullaghmore ...	29.85	57	52	NN	6	cg	5	Rochefort ...	29.55	70	60	NN	7	c	4
Holyhead ...	29.7	57	56	NN	6	c	5	Ben Nevis 4406ft	28.13	37	37	N	3	o	37
															31
															0.33

The recovery in pressure noticed in the W. this morning has spread to all parts of the Kingdom, but the change is nowhere great. The wind remains N to NW and the weather is cloudy but pleasant except in the SW where the sky is moderately clear. Temperature ranges from 62° at Valentia to 75° at Toulon.

EXPLANATION OF COLUMNS.

WEATHER.—Baromet. 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 or sleet; t. fog, threatening; v. visibility; u. 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 2 p.m. daily (Sunday excepted).



DAILY WEATHER REPORT

FOR

MONDAY, 15TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

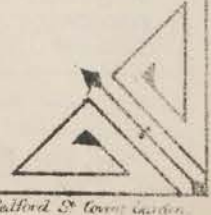
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield, Lich. 22, Ballfod. St. George's Garden.

WEATHER CHARTS

for 8 a.m. on Monday 15th August.

1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

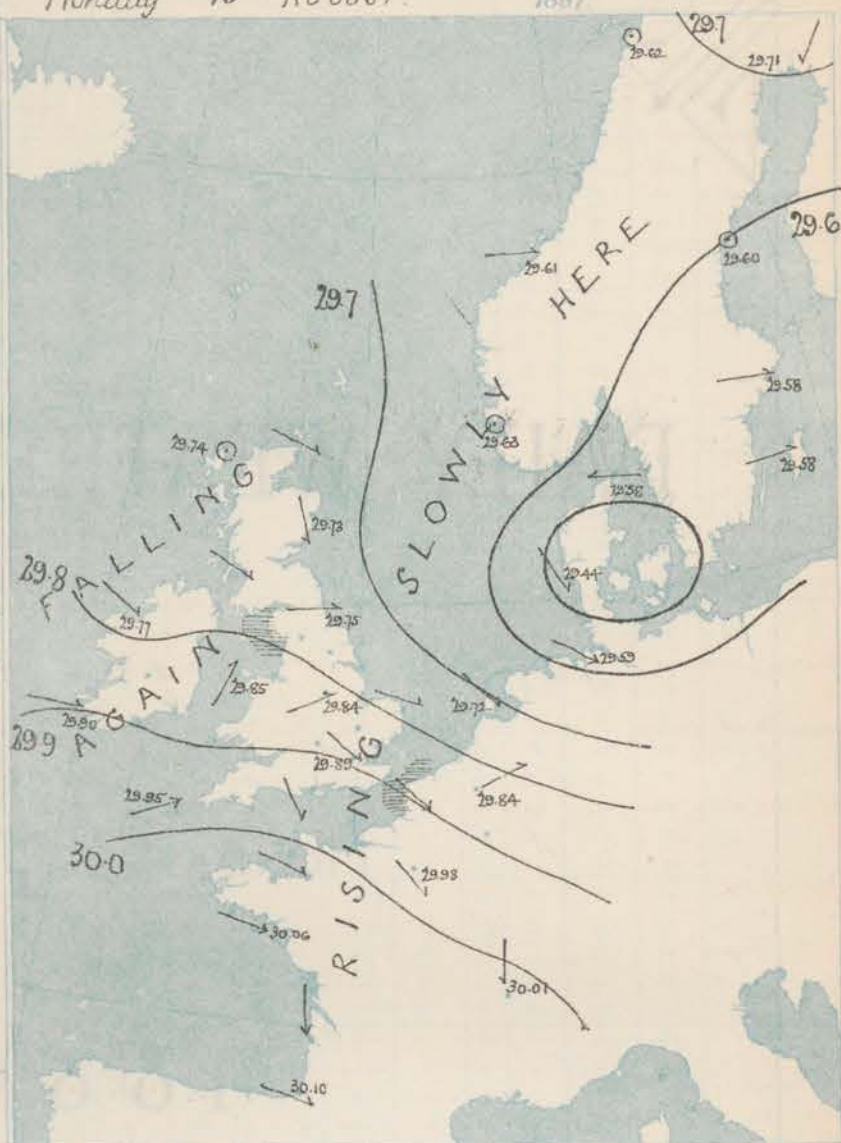
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; →→ forces 8 to 10;
 →→ forces 5 to 7; →→ forces 4 to 5;
 ○ - dead calm.

Sea-Disturbance, where considerable, is shown by shading round the coast: thus - Rough; - High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings in.
Nuern	29.855
Aberdeen	29.863
Leith	29.891
Scarborough	29.924
Ardrossan	29.908
Greenock	29.909
Holyhead	29.939
Valencia	29.965
Roches Pt.	29.985
Plymouth	30.007
LONDON	29.988
Farmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall
Samburgh Head	54.4	2.32
Sterns esp.	54.9	3.87
Aberdeen	57.6	3.23
Shields	58.9	3.40
York	60.2	2.37
Mallaghmore	59.0	7
Holyhead	60.1	2.47
Parsonstown	59.6	3.63
Valencia	60.8	4.08
Sally (St Mary's)	62.0	2.20
Hurst Castle	59.0	9
Dover	62.4	2.14
LONDON	63.5	1.97
Farmouth	61.7	1.77

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 15TH AUG^T 1881 at 8 a.m.

The depression noticed yesterday over the eastern shores of the North Sea, is still shown there, but it is now very much smaller, and is quietly filling up. The barometer is consequently rising over Norway, Sweden, North Germany and our eastern and northern districts, but in the west it is falling, and a fresh depression is approaching our north-west coast. The weather though cloudy is moderately fine over the east and north of Great Britain, and on the eastern shores of the North Sea, but in the west it is cloudy or dull, with drizzling rain, mist and fog. Slight rain has occurred in the West. The wind is still N^E both in the south of France and in Denmark, but elsewhere it has backed somewhat and is N^E. At Scilly it blows fresh and at Cape Gris Nez strongly, but generally it is moderate or light. Temperature has changed little irregularly, it is exceedingly uniform over the whole of Western Europe, and ranges from 55° at Rocke P. to 52° in the north of Scotland. The maxima were only 55° in north Scotland yesterday, and the thermometers only exceeded 65° at York, ~~and~~ Nottingham and Hurst Castle. The sea is slight except at Harrow in Furness and Cape Gris Nez.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

16TH AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Variable breezes between NE. and NW. light; cloudy, some rain.	6 SCOTLAND WEST	Variable to NW ^W breezes, light; dull, some rain.
7 SCOTLAND EAST	-----D-----D-----D-----	7 ENGLAND NW	W ^W and NW ^W breezes, moderate and fresh; rainy then fair.
2 ENGLAND NE	SW ^W to NW ^W winds, moderate; fair then rainy.	8 ENGLAND SW	W ^W winds, fresh or strong; rainy then fair.
3 ENGLAND EAST	W ^W winds, backing and veering again; fair till evening then rainy afterwards clearing.	9 IRELAND NORTH	W ^W winds, fresh; rainy then fair.
4 MIDLAND COUNTIES	-----D-----D-----D-----	10 IRELAND SOUTH	-----D-----D-----D-----
5 ENGLAND SOUTH	-----D-----D-----D-----	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

15TH AUGUST

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.70	56	S	2	bc	29.71	-0.01	58	54	+2	NE	2	c	*	70	48	-		
Hernösand	29.70	54	Z	0	o	29.60	-0.07	57	54	+2	Z	0	o	*	59	50	-		
Stockholm	29.58	54	NE	2	o	29.58	+0.04	54	53	-1	W	2	o	*	61	50	0.08		
Wisby	29.49	57	NNW	4	c	29.58	+0.15	58	54	+3	W	2	c	*	?	54	0.04		
Bodö	29.63	59	Z	0	bc	29.62	-0.05	57	55	-1	Z	0	bc	0	63	50	0.04		
Christiansund	29.59	63	E	2	b	29.61	+0.11	56	54	-4	WSW	4	f	1	70	45	-		
†Skudesnaes	29.60	55	NNW	6	b	29.63	+0.14	55	54	0	Z	0	bc	2	61	55	-		
Örö (Kristiansund)	29.60	56	N	4	bc	29.62	+0.15	57	53	+5	NNE	4	c	2	57	54	-		
Skagen (the Skaw)	29.56	57	E.S.E.	2	b	29.58	+0.10	58	56	-1	E	3	o	2	66	55	-		
Fanö	29.32	54	W	2	bc	29.44	-0.01	54	54	-3	NNW	4	c	*	?	50	0.12		
Cuxhaven	29.54	69	W	5	n	29.59	+0.09	61	59	+3	WNW	5	c	*	?	52	0.61		
†Samburgh Head																			
†Stornoway	29.79	53	NNW	3	o	29.74	-0.03	52	50	+1	Z	0	c	0	55	48	-		
Wick	29.69	53	NW	6	bc	29.78	+0.15	52	51	0	NW	2	o	3	55	50	-		
Narvik	29.74	57	W	4	bc	29.73	+0.03	55	50	+3	W	1	bc	1	62	52	-		
†Aberdeen	29.70	59	NW	4	b	29.73	+0.09	54	52	-1	NNW	2	o	1	63	52	-		
Leith	29.73	64	NW	1	c	29.75	+0.06	54	51	-5	W	1	c	*	65	50	-		
†Shields	29.71	60	W	1	o	29.75	+0.07	54	51	0	W	1	c	2	62	51	0.07		
Spurn Head	29.74	56	WNW	4	c	29.78	+0.03	54	53	-2	W	4	c	3	63	54	0.03		
York	29.74	63	W	3	c	29.79	+0.08	55	52	-3	WNW	1	b	*	67	49	-		
Nottingham	29.85	54	WNW	2	b	29.84	+0.08	58	55	-2	WSW	2	c	*	66	48	-		
†Ardrossan	29.79	56	WNW	5	c	29.78	+0.02	55	52	-1	WNW	2	o	1	60	51	-		
†Mullaghmore	29.96	56	W	4	o	29.77	-0.17	56	56	+1	WNW	4	cpd	3	60	52	0.03		
Donaghadee	29.89	55	NW	5	o	29.81	-0.02	53	52	-2	WSW	2	o	0	61	47	-		
Parsonstown	29.98	57	WNW	3	o	29.85	-0.15	57	56	+4	W	1	ad	*	63	51	0.06		
Barrow-in-Furness	29.84	56	NW	6	c	29.81	+0.04	54	51	-1	NW	4	c	5	61	52	0.02		
†Holyhead	29.92	57	NW	4	c	29.85	-0.02	55	53	0	SW	3	o	2	57	52	0.01		
Liverpool (Bidston)	29.85	55	W	5	o	29.82	+0.03	55	52	+1	W	3	o	3	58	53	-		
†Valentia	30.04	67	WSW	2	o	29.90	-0.17	58	57	+1	W	2	opg	2	62	53	0.13		
Roche's Point	30.04	58	NW	4	bc	29.89	-0.13	59	57	+4	W	2	c	3	62	52	-		
Pembroke	29.94	58	WNW	3	bc	29.87	-0.03	56	56	+2	WSW	2	d	2	58	53	0.02		
†Scilly	30.05	59	WNW	5	c	29.95	-0.04	58	58	+1	WSW	5	fd	4	60	55	0.02		
Prawle Point	30.00	57	WNW	2	c	29.96	+0.02	55	53	0	W	4	c	2	62	52	-		
Hurst Castle	29.94	61	NNW	5	bc	29.92	+0.07	58	54	+1	NW	3	c	3	66	54	-		
†Dover	29.88	60	W	3	bc	29.87	+0.12	55	52	0	WNW	3	b	2	64	53	-		
†London	29.85	61	NNW	2	c	29.89	+0.12	56	52	+2	NW	2	c	*	64	52	-		
Oxford	29.90	56	W	3	o	29.82	+0.06	56	53	+2	WSW	1	o	*	62	49	-		
Cambridge	29.82	58	W	2	o	29.84	+0.09	56	52	0	W	1	c	*	63	48	-		
†Yarmouth	29.70	62	WNW	2	c	29.79	+0.10	53	51	-2	WNW	2	om	3	63	51	0.03		
The Helder	29.71	57	NNW	3	n	29.72	+0.14	56	55	-1	NW	2	n	2	59	55	0.16		
Cape Gris Nez	29.84	60	WNW	8	c	29.89	+0.11	56	53	+1	NW	7	o	5	63	54	-		
†Jersey	30.03	59	WNW	4	c	30.03	+0.07	58	53	0	WNW	4	og	3	63	55	-		
Brest	30.10	59	N	4	o	30.08	+0.07	59	56	+2	W	3	o	2	61	55	-		
Lorient	30.04	62	NW	5	bc	30.06	+0.07	58	54	+2	WNW	4	o	2	68	52	-		
†Rochefort	30.02	65	NW	8	b	30.08	+0.12	60	54	+2	N	5	b	2	70	52	-		
Biarritz	30.06	66	N	4	bc	30.10	+0.17	64	59	0	WNW	4	bc	3	70	59	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	29.84	+0.13	55	53	+1	WSW	4	o	*	61	54	0.24		
Charleville	29.82	58	SW	4	o	?	?	55	51	+1	W	4	o	*	64	43	0.39		
Paris	29.94	61	NNW	5	bc	29.98	+0.11	58	54	-1	NW	3	c	*	*	*	0.04		
Lyons	29.96	63	NNW	2	bc	30.01	+0.15	57	49	-1	N	1	b	*	71	51	-		
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.57	55	NW	2	c	28.56	+0.05	49	48	-2	W	3	o	*	59	47	-		

HIGH LEVEL STATION.

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

Hawes Junction	28.57	55	WN	2	c	28.56	+0.05	49	48	-2	W	3	o	*	59	47	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.			
Skudesnaes ...	29.57	60	54	NW	6	c	3	Valentia ...								
Sumburgh Head								Scilly ...								
Stornoway ...								Dover ..								
Aberdeen ...								London ...					*			
Shields ...								Yarmouth ...								
Ardrossan ...								Jersey ...								
Mullaghmore ...								Rochefort ...	30.01	67	59	WNW	5	6	2	
Holyhead ...								Ben Nevis (4406 ft.)	25.28	37	37	N	4	0	Max. Min. Rain	
								9.00 148						40	35	0.18

EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

TUESDAY 16TH AUGUST

1881.

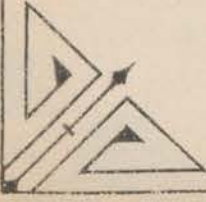
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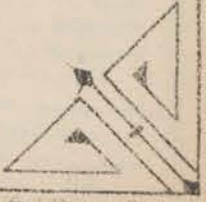
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ROBERT H. SCOTT
(SECRETARY)



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WEATHER CHARTS.

for 8 a.m. on Tuesday, 16th August.

1887

BAROMETER, WIND & SEA

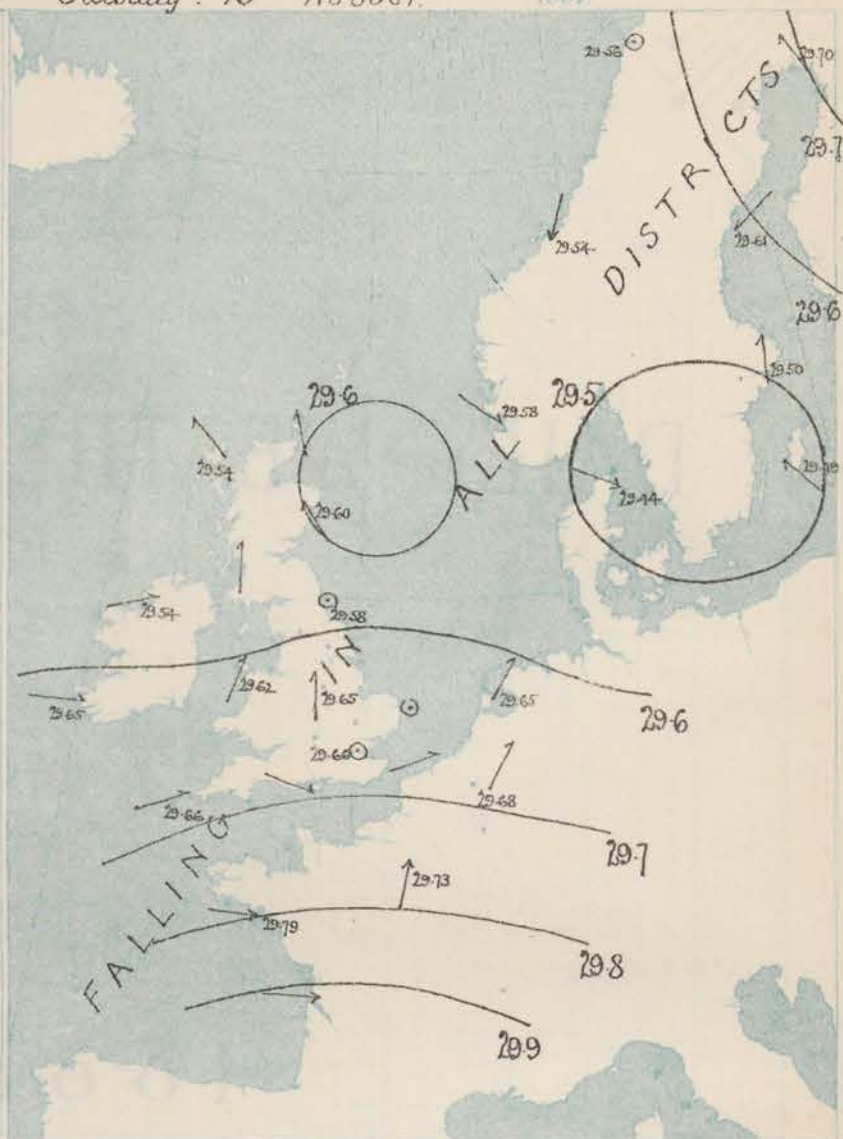
Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10; →→→ forces 3 to 7; →→→→ forces 1 to 4;
○ dead calm.
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough, High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings.
Nairn	29.875
Aberdeen	29.875
Leith	29.891
Scarborough	29.974
Adrianan	29.908
Greencastle	29.903
Holyhead	29.930
Valencia	29.967
Rochester	29.965
Plymouth	29.907
LONDON	29.968
Varmouth	29.966

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

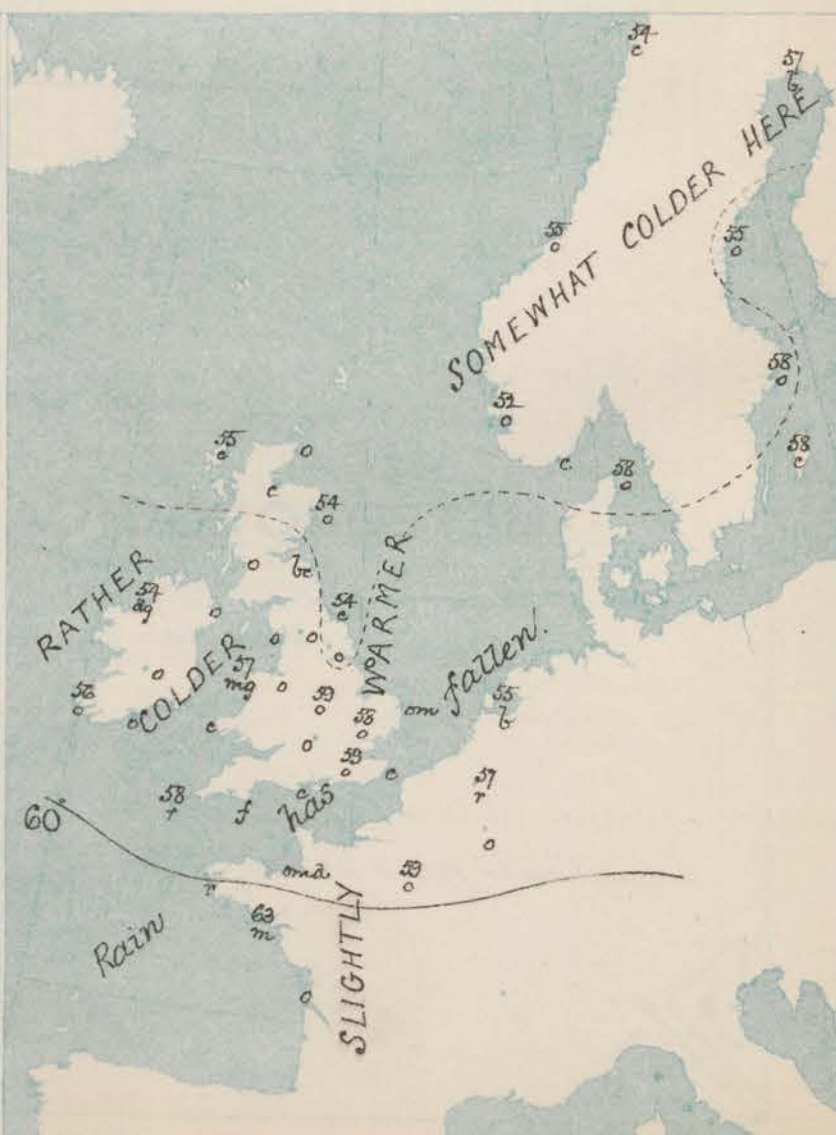
Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall
Scarborough Head	54.2	2.37
Stornoway	54.9	3.87
Aberdeen	57.5	3.23
Shields	58.9	2.40
York	60.2	2.07
Mullaghmore	59.0	?
Holyhead	60.1	2.47
Parsonstown	59.6	3.53
Valencia	60.3	2.08
Sally (St Mary's)	61.0	2.20
Hurst Castle	63.0	?
Dover	62.4	2.14
LONDON	63.5	1.97
Varmouth	61.7	1.77

*The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 16th August 1881 at 8 a.m.

The barometer is falling in all part of Western Europe, the change being greatest, (about 0.3 inch) in the south-west, and least (about 0.15 inch) on our east coast. The highest pressures are still reported over southern France, and the lowest over the south of Scandinavia, while a secondary area of comparatively high readings lies off the north-east coast of Scotland, and a subsidiary disturbance is approaching our south-west coast. The wind is light or moderate except at a few of the French stations, it varies from W. in the south, to S. and SE. in the north. Temperature has risen in the East and over France, fallen in the west and over Norway, readings range from 59° in the south-east to 50° at St. Petersburg, and are very uniform over the whole of Western Europe. The sky is cloudy or overcast almost everywhere, and rain or mist is reported from the north-west of France, and the west and south-west of these Islands. Slight rain has fallen everywhere. The sea is moderate at Scilly and Valentia, nearly smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

17th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

S^W or light variable breezes, cloudy, misty rain.

2 SCOTLAND EAST

-----D-----D-----D-----

3 ENGLAND N.E.

Light variable breezes, cloudy, dull, slight rain.

4 ENGLAND EAST

Light or moderate breezes between S. and W., cloudy, unsettled, slight rain.

5 MIDLAND COUNTIES

-----D-----D-----D-----

6 ENGLAND SOUTH

-----D-----D-----D-----

6 SCOTLAND WEST

Same as N^o 1 and 2.

7 ENGLAND N.W.

S^W and W^W winds, moderate or light, dull, slight rain.

8 ENGLAND S.W.

-----D-----D-----D-----

9 IRELAND NORTH

W^W (SW-NW) winds, moderate or light, dull, slight rain.

10 IRELAND SOUTH

-----D-----D-----D-----

WARNINGS

NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 16TH AUGUST 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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	29.64	58	2	0	0	29.70	- 0.1	57	46	- 1	SE	2	0	*	60	48	-		
Hernösand	29.62	53	2	0	60	29.61	+ 0.1	55	53	- 2	ESE	2	0	*	72	50	0.04		
Stockholm	29.57	55	W	2	0	29.50	- 0.8	58	55	+ 2	S	2	0	*	53	50	-		
Wisby	29.57	54	SW	2	0	29.49	- 0.9	58	55	0	SE	2	0	*	61	52	0.26		
Bodo	29.58	56	NNE	2	0	29.56	- 0.6	54	54	- 8	2	0	0	0	57	50	-		
Christiansund	29.60	54	N	3	f	29.54	- 0.7	55	53	+ 1	NNE	2	0	2	57	45	-		
†Skudesnaes	29.63	52	NW	4	0	29.58	- 0.5	52	50	- 3	NW	2	0	2	61	52	-		
Oxö (Xiansund)	29.57	59	WSW	2	h	29.51	- 1.1	56	54	- 1	NW	2	0	1	61	52	-		
Skagen (The Skaw)	29.57	56	NW	2	c	29.44	- 1.4	58	56	0	WNW	4	0	3	70	54	-		
†Faro	29.63	56	WNW	2	60	29.61	+ 1.7	54	52	0	WNW	2	0	*	?	52	0.20		
†Cuxhaven	29.61	55	WNW	2	c	29.66	+ 0.7	60	57	- 1	WNW	3	0	*	63	55	0.13		
†Sumburgh Head																			
†Stornoway	29.71	55	SSE	3	6	29.54	- 2.0	55	54	+ 3	SE	2	0	1	56	41	-		
Wick	29.69	54	NW	2	0	29.60	- 1.8	53	51	+ 1	SSE	1	0	3	56	50	-		
Nairn	29.67	59	W	2	6	29.58	- 1.5	58	51	- 2	2	0	0	0	65	48	-		
†Aberdeen	29.70	56	S	1	0	29.60	- 1.3	54	52	0	SE	2	0	1	60	50	-		
Leita	29.68	61	W	1	c	29.59	- 1.6	56	54	+ 2	S	1	0	*	64	48	0.03		
†Shields	29.71	57	Z	0	0	29.58	- 1.7	54	52	0	2	0	0	2	61	50	-		
Spurs Head	29.76	57	ESE	3	c	29.63	- 1.5	56	55	+ 2	S	2	0	2	60	54	0.02		
York	29.75	59	W	1	0	29.63	- 1.6	56	55	+ 1	S	1	0	*	63	53	-		
Nottingham	29.77	59	S	2	h	29.65	- 1.9	59	59	+ 1	S	1	0	*	69	54	0.13		
†Ardrossan	29.71	55	SSW	2	h	29.58	- 2.0	54	53	- 1	S	2	0	2	58	52	-		
†Mullaghmore	29.72	57	WSW	3	0	29.54	- 2.3	54	53	- 2	WSW	4	0	3	61	53	0.13		
Donaghadee	29.71	57	SSE	1	0	29.57	- 2.3	55	55	+ 2	S	1	0	0	61	52	0.02		
Parsonstown	29.75	60	WNW	1	0	29.60	- 2.5	56	55	- 1	SW	1	0	*	63	53	0.06		
Barrow-in-Furness	29.74	56	S	3	h	29.61	- 2.0	56	55	+ 2	W	2	0	3	58	52	0.03		
†Holyhead	29.76	59	SW	2	0	29.62	- 2.3	57	56	+ 2	SSW	1	0	0	59	54	0.09		
Liverpool (Biston)	29.75	57	SW	1	0	29.62	- 2.0	57	55	+ 2	SW	1	0	1	59	54	0.03		
†Valentia	29.79	58	WSW	4	0	29.65	- 2.3	56	55	- 2	W	3	0	4	61	54	0.05		
Roche's Point	29.76	60	NW	2	c	29.64	- 2.5	58	56	- 1	WNW	2	0	3	66	53	-		
Pembroke	29.86	59	WSW	2	60	29.60	- 2.7	58	58	+ 2	WSW	1	0	1	61	55	0.04		
†Scilly	29.84	61	SW	4	h	29.66	- 2.9	58	58	0	WSW	4	0	4	62	56	0.44		
Prawle Point	29.84	57	WSW	3	0	29.69	- 2.7	57	57	+ 2	WSW	1	0	2	60	54	0.20		
Hurst Castle	29.83	61	W	4	c	29.67	- 2.5	59	58	+ 1	WNW	3	0	3	61	56	0.12		
†Dover	29.82	61	WSW	3	60	29.65	- 2.2	59	57	+ 4	WSW	3	0	2	65	53	0.04		
†London	29.82	56	SW	2	0	29.66	- 2.3	59	58	+ 3	NW	1	0	*	65	54	0.05		
Oxford	29.77	60	WSW	2	0	29.64	- 2.4	57	56	+ 1	2	0	0	*	61	55	0.04		
Cambridge	29.76	58	WSW	1	h	29.64	- 2.0	58	58	+ 2	SSE	1	0	*	66	54	0.39		
†Yarmouth	29.78	59	Z	0	c	29.65	- 1.4	56	55	+ 3	2	0	0	2	60	51	0.01		
The Helder	29.75	59	WNW	1	h	29.65	- 0.7	55	54	- 1	SW	1	0	4	59	54	0.20		
Cape Gris Nez																			
†Jersey	29.95	60	WSW	4	0	29.75	- 2.8	58	58	0	W	1	0	2	63	57	0.33		
Brest	29.97	58	WSW	5	h	29.75	- 3.3	60	60	+ 1	W	5	0	4	61	55	0.55		
Lorient	29.99	62	WNW	4	0	29.79	- 2.7	63	62	+ 5	W	5	0	4	68	55	0.43		
†Rochefort	30.07	66	WNW	4	c	29.93	- 1.5	67	63	+ 7	W	5	0	2	73	55	-		
Biarritz																			
Corunna	*	*	*	*	*										*	*	*		
Brussels	*	*	*	*	*	29.68	- 1.6	57	57	+ 2	SW	3	0	*	61	54	0.32		
Charleville	29.87	62	SSW	1	c	29.76	?	56	52	+ 1	S	1	0	*	63	45	?		
Paris	29.94	63	SW	4	0	29.73	- 2.5	59	57	+ 1	SSW	5	0	*	*	*	0.20		
†Lyons	30.01	62	WNW	1	6	29.99	- 0.2	56	50	- 1	SW	1	0	*	70	51	-		
Toulon	29.31	69	NW	8	60	29.93	+ 1.3	61	51	+ 2	NW	5	0	5	73	57	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.52	51	WSW	3	h	28.89	- 1.7	52	52	+ 3	SSE	1	0	*	56	48	0.05		

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

Hawes Junction	28.52	51	WSW	3	h	28.89	-1.7	52	52	+3	SSE	1	0	0	56	48	0.05
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.								
Skudesnaes ...	29.64	61	57	wnw	2	bc	3	Valentia ...	29.84	60	58	wnw	3	0	3						
Sumburgh Head								Scilly ...	29.90	62	60	w	3	0	4						
Stornoway ...	29.71	56	54	ssa	3	0	2	Dover ..	29.85	64	56	w	3	6	2						
Aberdeen ...	29.72	57	52	s	2	0	1	London ...	29.86	63	58	wnw	4	0	*						
Shields ...	29.72	60	56	w	3	0	2	Yarmouth ...	29.80	59	53	wnw	3	0	2						
Ardrossan ...	29.74	58	55	ssw	2	bc	2	Jersey ...	30.00	61	58	w	3	0	3						
Mullaghmore ...	29.77	60	57	w	4	0	3	Rochefort ...	30.07	67	59	wnw	4	e	2						
Holyhead ...	29.79	58	56	sw	3	mq	2	Ben Mevis (490 ft.) 25.26						44	44	2	0	e	Max. 46	Min. 36	Rain 0.05

Pressure has given way a little in most places and a small shallow depression is advancing over Scotland. The wind is light from W to S and the weather is cloudy or dull except at Dover. Temperature ranges from 64° at Dover to 57° at Wick.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Revised too late for insertion in charts



DAILY WEATHER REPORT

FOR

WEDNESDAY, 17TH AUGUST

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT



(SECRETARY.)



for 8 a.m. on WEDNESDAY, 17th AUGUST 1887

Explanation of Map

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus: — forces above 10; — forces 8 to 10; — forces 6 to 7; — forces 4 to 5. ☉ — dead calm.

See Disturbance; where considerable, is shown by shading round the coast: thus  - Rough,  - High.

MEAN*HEIGHT of the BAROMETER
for the month of August



with RAINFALL in PAST 24 HOURS

Explanation of Map

Weather Letters of the Bradford Scale
show state of Weather at 8 a.m.

MEANS* OF TEMPERATURE
AND RAINFALL



REMARKS

for Wednesday 17th August 1881 at 8 a.m.

Pressure continues to decrease in all parts of Western Europe, the change in the NW and NE amounting to about a quarter of an inch. The barometer is relatively high in Lapland and in the south of France, and low over the south of Scandinavia and north of the British Isles. A series of small shallow depressions seems to be passing from W to E.

The wind is W^{ly} over France and the greater part of these Islands, but is E^{ly} in Scotland and the north of Ireland, it blows freely in the Hebrides, and strongly in the Channel but is light or moderate elsewhere. The weather is fine in the west of Norway, as well as over the Central and southern parts of England, but is cloudy or dull in all other districts, with showers of rain in the west, and drizzling rain at Stann. Slight rain has fallen in nearly all places during the past 24 hours. Temperature has fallen somewhat and ranges from 60° at Nottingham and Dover to 52° at Stornoway. The maxima yesterday were 74° at Nottingham and 70° in London, but between 55° and 65° elsewhere. The sea is rather rough in the SW, and also at Cape Lis Neg.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
18th AUGUST.

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	E ^{ly} and NE ^{ly} breezes, light and fresh, dull, some rain
2 SCOTLAND EAST	-----D-----D-----D-----
3 ENGLAND NE	Variable light breezes, fine then dull with rain
4 ENGLAND EAST	Light or moderate breezes between S. and W, fair till evening then some rain afterwards clearing
5 MIDLAND COUNTIES	-----D-----D-----D-----
6 ENGLAND SOUTH	-----D-----D-----D-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Variable and SE ^{ly} breezes, dull, some rain
7 ENGLAND N.W.	SW ^{ly} to NW ^{ly} breezes, moderate or light, showery
8 ENGLAND S.W.	W ^{ly} to NW ^{ly} winds, moderate and fresh, unsettled, showery
9 IRELAND NORTH	E ^{ly} and NE ^{ly} breezes, light and moderate, showery, unsettled
10 IRELAND SOUTH	Same as N ^o 8.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

17th August

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Temp. in shade.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12).			Dry.	Wet.		Dir.	Force (0 to 12).			Dry.	Wet.				
Haparanda	29.56	51	NE	2	0	29.62	58	54	+1	NE	6	0	66	52	—	—	—	—	—
Hernösand	29.52	50	ENE	2	0	29.45	53	52	-1	N	2	0	63	48	—	—	—	—	—
Stockholm	29.44	51	2	0	6	29.39	51	53	-1	N	2	0	64	48	0.04	—	—	—	—
Wisby	29.45	54	2	0	8	29.40	53	53	-3	WNW	2	6	61	50	0.16	—	—	—	—
Bodö	29.35	57	E	4	0	29.58	55	51	+1	ESE	2	0	59	52	0.08	—	—	—	—
Christiansund	29.20	56	NNE	3	0	29.33	58	54	+3	ESE	1	6	59	45	—	—	—	—	—
†Skudesnaes	29.49	53	NW	2	0	29.39	55	53	+3	NW	2	0	?	?	—	—	—	—	—
Osö (Klansund)	29.43	57	WSW	4	6	29.38	54	52	-2	WNW	2	6	64	50	—	—	—	—	—
Skagen (The Skaw)	29.46	55	SW	3	0	29.42	56	52	-2	SW	3	0	64	52	0.12	—	—	—	—
Panö	29.57	54	W	1	6	29.45	56	58	+2	SE	1	0	66	50	—	—	—	—	—
Cuxhaven	29.65	?	N	2	6	29.46	58	56	-2	E	3	0	61	54	—	—	—	—	—
†Sumburgh Head	29.48	54	NNE	3	0	29.43	52	52	-3	ESE	5	0	57	50	0.05	—	—	—	—
†Stornoway	29.32	52	SSW	2	0	29.45	53	50	0	SE	1	0	56	49	—	—	—	—	—
Wick	29.47	55	2	0	0	29.41	52	51	-1	2	0	0	58	51	0.03	—	—	—	—
Nairn	29.51	56	SE	1	6	29.42	54	53	0	E	2	0	60	52	—	—	—	—	—
†Aberdeen	29.49	54	N	1	N	29.36	54	54	-2	E	1	0	62	48	0.28	—	—	—	—
†Shields	29.47	57	SE	1	0	29.34	54	52	0	W	1	0	58	51	0.31	—	—	—	—
Spurn Head	29.51	58	SSE	4	0	29.37	57	56	+1	WSW	3	0	60	55	0.24	—	—	—	—
York	29.52	58	S	1	0	29.40	55	55	-1	WSW	1	0	63	53	0.30	—	—	—	—
Nottingham	29.51	60	SSE	1	0	29.43	60	51	+1	WNW	3	6	74	54	0.21	—	—	—	—
†Ardrossan	29.47	57	2	0	0	29.37	55	52	+1	2	0	0	58	51	0.08	—	—	—	—
†Mallaghmore	29.47	59	SW	5	6	29.32	54	52	0	ESE	2	0	62	54	0.08	—	—	—	—
Donaghadee	29.48	57	SW	2	0	29.57	54	53	-1	S	1	0	58	48	0.13	—	—	—	—
Parsonstown	29.55	59	W	2	0	29.38	54	53	-2	SW	1	0	61	52	0.36	—	—	—	—
Barrow-in-Furness	29.51	58	WNW	3	0	29.41	55	53	-1	W	3	6	58	54	0.02	—	—	—	—
†Holyhead	29.52	58	WSW	2	0	29.39	55	54	-2	SW	3	0	57	52	0.03	—	—	—	—
Liverpool (Biston)	29.50	58	ESE	1	0	29.41	56	52	-1	WSW	2	6	61	51	0.10	—	—	—	—
†Valentia	29.63	57	W	9	0	29.50	55	54	-1	W	5	0	63	53	0.08	—	—	—	—
Roche's Point	29.59	58	NW	4	6	29.48	57	54	-1	W	4	6	65	50	—	—	—	—	—
Pembroke	29.52	58	WSW	2	6	29.44	57	55	-1	WSW	4	0	60	54	0.01	—	—	—	—
†Scilly	29.61	59	WNW	5	0	29.59	58	55	0	WSW	6	0	60	55	0.05	—	—	—	—
Prawle Point	29.58	57	WSW	2	0	29.57	56	54	-1	WSW	3	6	58	52	0.17	—	—	—	—
Hurst Castle	29.54	57	WSW	2	0	29.52	58	54	-1	WNW	4	6	61	53	0.20	—	—	—	—
†Dover	29.53	51	WSW	3	6	29.43	60	57	+1	WNW	4	6	64	57	0.06	—	—	—	—
†London	29.55	63	SW	2	0	29.48	58	54	-1	WNW	2	6	74	54	0.02	—	—	—	—
Oxford	29.50	58	2	0	A	29.47	55	53	-2	WSW	2	6	67	52	0.15	—	—	—	—
Cambridge	29.54	63	SSW	1	A	29.41	57	56	-1	W	1	0	66	54	0.35	—	—	—	—
†Yarmouth	29.53	59	SE	2	N	29.38	58	57	+2	WSW	1	0	62	55	0.01	—	—	—	—
The Helder	29.54	60	E	1	0	29.38	59	57	+4	E	1	0	64	63	—	—	—	—	—
Cape Gris Nez	29.56	64	W	3	0	29.46	58	57	—	WNW	7	0	63	57	0.04	—	—	—	—
†Jersey	29.62	54	WNW	3	0	29.63	58	52	0	WNW	4	0	63	56	0.60	—	—	—	—
Brest	29.67	54	WNW	3	0	29.68	56	54	-4	WNW	3	0	61	54	0.24	—	—	—	—
Lorient	29.64	61	W	4	N	29.66	57	55	-6	NW	4	0	64	54	0.15	—	—	—	—
†Rochefort	29.70	63	W	5	N	29.70	64	63	-3	WNW	5	N	70	60	0.35	—	—	—	—
Biarritz	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corunna	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Brussels	—	—	—	—	—	29.43	57	57	0	SW	3	0	67	57	0.35	—	—	—	—
Charleville	29.54	64	SSW	4	0	29.47	60	56	+4	WSW	4	0	?	50	0.55	—	—	—	—
Paris	29.62	64	E	3	N	29.59	61	56	+2	SW	4	0	—	—	0.24	—	—	—	—
Lyons	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toulon	29.91	58	WSW	5	6	29.81	67	67	+6	SW	5	0	75	?	—	—	—	—	—

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

Hawes Junction	28.19	53	S	2	A	28.17	52	50	0	SSW	2	6	58	49	0.23	—	—	—	—
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sun.		Bar.	Dry.	Wet.	Wind.	Wet.	Sun.		
Skudesnaes ...	29.52	56	52	wnw	2	0	2	Valentia ...	29.65	62	55	wnw	3	6	4
Sumburgh Head								Scilly ...	29.62	60	58	wnw	4	0	4
Stornoway ...	29.56	57	55	SE	1	N	1	Dover ...	29.59	63	60	WSW	3	0	2
Aberdeen ...	29.55	56	54	SE	1	0	1	London	29.59	67	62	SW	1	0	*
Shields ...	29.52	56	55	E	1	0	2	Yarmouth	29.57	61	58	ESE	2	6	1
Ardrossan ...	29.53	56	56	2	0	N	0	Jersey...	29.62	62	62	W	3	N	3
Mallaghmore ...	29.52	61	57	W	4	8	3	Rochefort	29.85	68	64	SW	5	N	2
Holyhead...	29.56	59	56	wnw	2	0	1	Ben Nevis (4061 ft.) 9 am on 16th	25.10	40	39	SSW	2	0	Max 49 Min 38

The decrease of pressure has ceased at Valentia, but elsewhere the fall continues. The wind is light from the Wnd in the W. and from E. in the E. and the sky is generally cloudy, or dull. Temperature ranges from 67° in London to 55° at Wick.

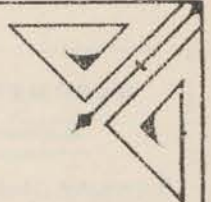
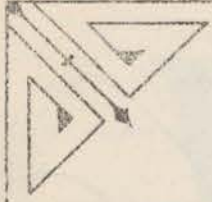
EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

THURSDAY, 18TH AUGUST.

1881.

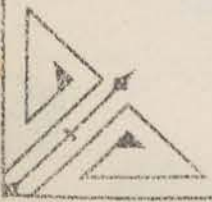
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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

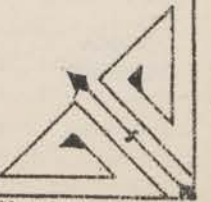
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Thursday 18TH AUGUST. 1881

BAROMETER, WIND, & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

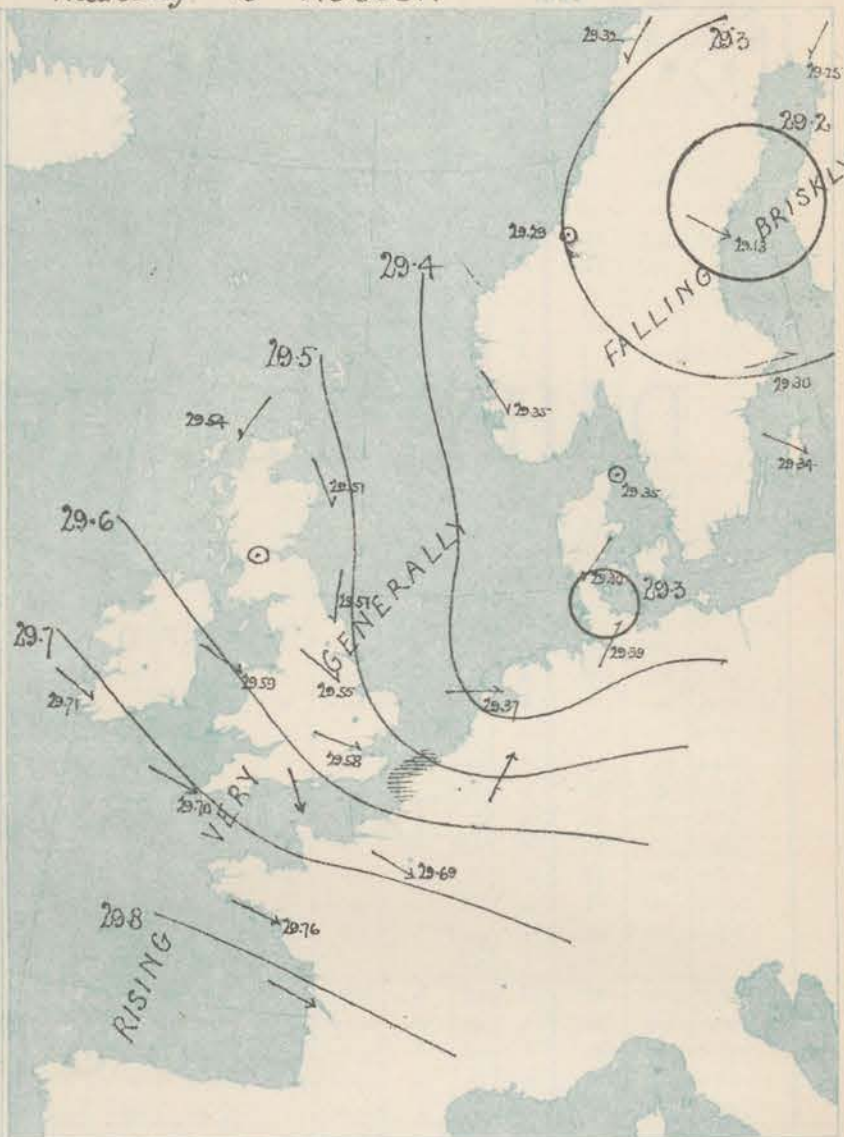
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER for the month of August.

Stations.	Mean Readings (in.)
Nairn	29.55
Aberdeen	29.66
Leith	29.71
Scarborough	29.814
Ardrossan	29.908
Greenock	29.909
Holyhead	29.939
Valencia	29.965
Roche's Pt.	29.985
Plymouth	30.007
LONDON	29.988
Yarmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

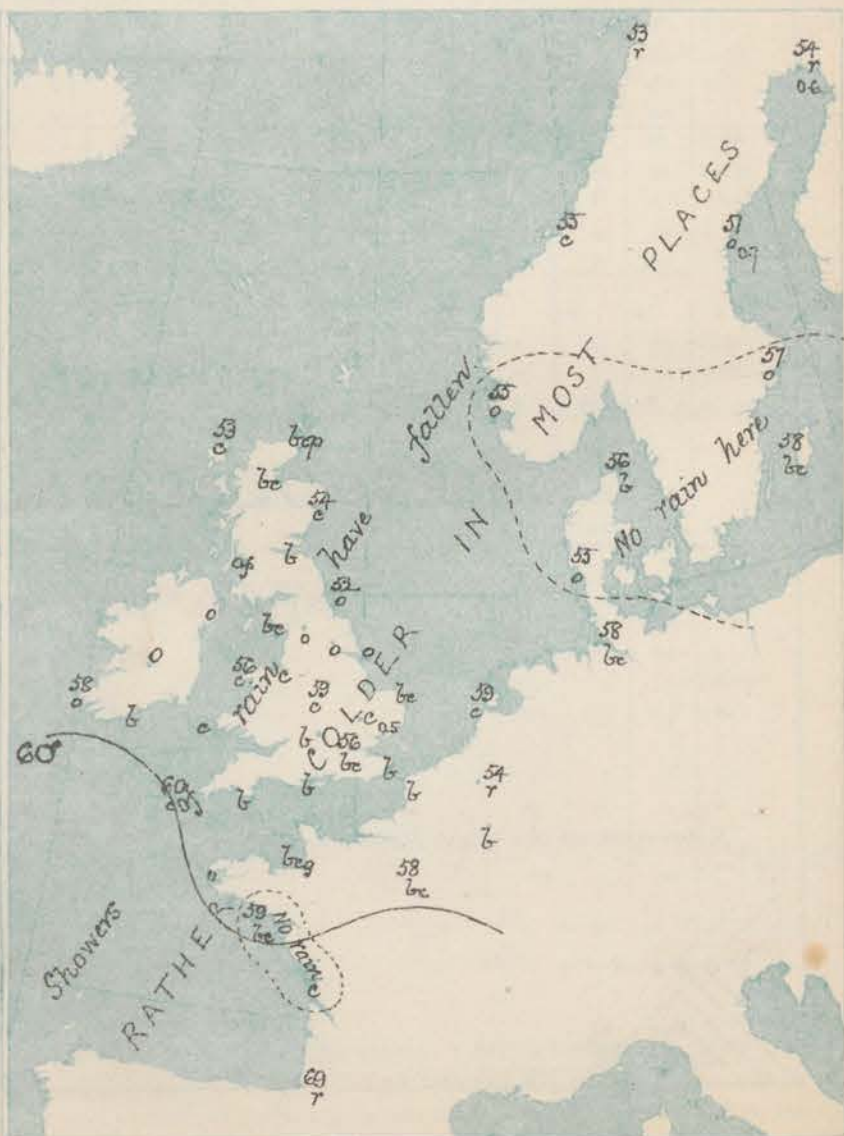
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp	Rain-fall
Sumburgh Head	54.4	2.72
Sornsway	54.9	3.47
Aberdeen	57.8	3.23
Shetland	58.0	2.40
York	60.2	2.37
Mallowmore	59.0	2
Holyhead	60.1	2.47
Parsonstown	59.6	3.62
Valencia	60.3	4.08
Sally (St. Mary's)	61.0	2.20
Howe Castle	63.0	7
Dover	62.9	2.14
LONDON	63.5	1.97
Yarmouth	61.7	1.77

* The mean Temperatures are those for the 13 years 1867-79, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for.....Thursday 18th August 1881.....at 8 a.m.

The depressions noticed yesterday have passed away E^{wd} and NE^{wd}, and the mercury has risen over France, and the whole of these Islands. The highest pressures are reported from the south-west of France, and the lowest from the Gulf of Bothnia, while a subsidiary depression lies over the south of Denmark. The wind draws from N. in Scotland into NW. over W. coast, to W. in the SE. and SW. in N. Germany. It is light or moderate in force all over the N^o and W^o parts of the Kingdom, but increases to a fresh breeze in the S., and to a moderate gale at Cape Gris Nez, Rochefort, Biscaya. The weather on the whole is moderately fine but at several stations the sky is overcast; at Wick, Churub, and Biscaya rain is falling, and at Ardrossan fog is reported. During the past 24 hours slight rain has occurred generally. Temperature has decreased in nearly all places, and ranges from 60° at Scilly to 51° at Rain. The maxima yesterday were 72° at Nottingham, 67° at York, Dover and Cambridge and 66° in London. The sea is moderate to smooth except at Cape Gris Nez.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N ^o (NW-NE) breezes, light and moderate; cloudy, some showers.	6 SCOTLAND WEST	Variable light breezes, dull, some rain.
2 SCOTLAND EAST D ^o D ^o D ^o	7 ENGLAND N.W.	SW ^o to NW ^o breezes, moderate; dull. Some rain.
3 ENGLAND N.E.	N ^o and NW ^o breezes, light; fair but occasional showers.	8 ENGLAND S.W.	NW ^o and W ^o winds, moderate, and fresh; cloudy, some showers.
4 ENGLAND EAST	NW ^o and W ^o breezes, moderate and fresh; fair during greater part of time but occasional showers.	9 IRELAND NORTH	SW ^o to NW ^o winds, moderate and fresh; dull, some showers.
5 MIDLAND COUNTIES D ^o D ^o D ^o	10 IRELAND SOUTH	W ^o and NW ^o breezes, moderate; cloudy.
6 ENGLAND SOUTH D ^o D ^o D ^o	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 18TH AUGUST 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).									Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.30	50	NE	6	2	29.20	-4.2	54	54	-4	NE	4	2	2	2	2	59	50	0.59
Hernösand	29.29	53	NW	4	0	29.13	-3.2	51	48	-2	WNW	6	0	0	0	0	59	48	0.67
Stockholm	29.36	56	WSW	2	0	29.30	-0.9	57	53	-4	W	2	0	0	0	0	64	50	-
Wisby	29.39	53	WSW	4	6	29.34	-0.6	58	56	+2	WNW	2	60	2	60	1	63	50	-
Bodö	29.49	56	Z	0	0	29.32	-2.6	53	50	-2	NE	2	2	2	2	2	64	52	-
Christiansund	29.34	57	W	2	c	29.29	-0.4	55	53	-2	SW	1	2	2	2	2	59	45	0.04
†Skudesnaes	29.37	52	WNW	2	60	29.35	-0.4	55	51	-4	NW	4	0	0	0	0	57	52	-
Orö (Christiansund)	29.33	56	SSW	4	60	29.31	-0.7	55	54	+1	N	2	2	2	2	2	61	52	-
Skagen (The Skaw)	29.39	54	Z	0	60	29.35	-0.7	56	51	-5	Z	0	6	0	6	0	64	48	-
Fanö	29.38	54	NW	3	60	29.30	-1.5	55	55	0	NE	1	0	0	0	0	57	52	-
Cuxhaven	29.41	?	Z	0	0	29.39	-0.7	58	57	-1	SW	4	60	4	60	1	63	54	0.08
†Sumburgh Head																			
†Stornoway	29.48	52	ENE	5	c	29.54	+1.1	53	51	-2	NE	1	2	2	2	2	57	47	-
Wick	29.46	52	ENE	2	0	29.49	+0.4	52	50	-2	N	3	60	3	60	1	56	47	0.02
Nairn	29.44	54	E	1	0	29.52	+1.1	51	48	-3	Z	0	6	0	6	0	55	49	0.09
†Aberdeen	29.42	55	ENE	1	2	29.51	+0.9	54	50	-4	WNW	3	2	2	2	2	56	47	0.07
Leith	29.40	52	NE	2	2	29.52	+1.6	52	51	-1	NW	1	6	6	6	6	56	48	0.32
†Shields	29.30	57	WSW	1	0	29.51	+1.7	52	52	0	ENE	2	0	0	0	0	62	52	0.20
Spurn Head	29.36	57	SE	3	c	29.44	+0.7	54	54	0	WNW	5	0	4	4	4	60	52	0.02
York	29.30	59	W	1	6	29.49	+0.9	52	51	-1	NW	1	0	0	0	0	67	49	0.03
Nottingham	29.38	56	WNW	2	c	29.55	+1.2	59	55	-4	NW	3	2	2	2	2	72	46	0.12
†Ardrossan	29.30	57	ENE	3	0	29.55	+1.8	54	53	-1	Z	0	6	0	6	0	58	51	-
†Mullaghmore																			
Donaghadee	29.40	57	NW	3	60	29.57	+1.2	54	53	-1	SEW	1	0	0	0	0	61	51	0.07
Parsonstown	29.43	57	N	1	0	29.65	+1.7	55	52	-3	W	1	0	0	0	0	62	48	0.14
Barrow-in-Furness	29.36	57	NW	3	60	29.57	+1.6	52	51	-1	WNW	2	60	2	60	1	60	51	0.03
†Holyhead	29.36	57	WNW	3	60	29.59	+1.2	56	54	-2	WNW	4	2	2	2	2	62	54	0.01
Liverpool (Bidston)	29.36	57	WNW	1	c	29.55	+1.4	56	53	-3	WNW	3	2	2	2	2	60	54	0.10
†Valentia	29.57	58	NW	4	c	29.71	+1.2	58	54	-4	WNW	2	0	2	2	2	64	52	0.01
Roche's Point	29.49	59	WNW	5	6	29.67	+1.9	58	54	-4	NW	3	6	3	3	3	63	52	-
Pembroke	29.34	58	WSW	7	c	29.63	+1.9	55	53	-2	WNW	2	2	2	2	2	59	54	0.01
†Scilly	29.47	57	W	4	pe	29.70	+1.1	60	57	-3	WNW	5	2	4	4	4	61	56	0.04
Prawle Point	29.53	57	WSW	6	60	29.66	+1.0	58	56	-2	W	4	6	4	4	4	59	54	0.01
Hurst Castle	29.48	50	WNW	7	c	29.61	+1.0	58	55	-3	WNW	5	6	4	4	4	68	53	0.02
†Dover	29.47	61	WSW	5	60	29.52	+1.0	58	55	-3	WNW	3	6	3	3	3	67	54	0.03
†London	29.47	56	SW	3	c	29.58	+1.0	56	53	-3	WNW	3	60	3	60	1	66	53	0.10
Oxford	29.43	55	SW	3	0	29.57	+1.0	56	54	-2	W	2	6	2	2	2	63	51	0.39
Cambridge	29.41	55	WSW	1	2	29.52	+1.1	56	54	-2	NW	1	2	2	2	2	67	50	0.48
†Yarmouth	29.40	61	WSW	2	60	29.44	+0.6	55	53	-2	WNW	2	60	2	60	1	64	52	0.01
The Helder	29.38	59	SW	2	2	29.37	-0.1	59	56	-3	W	1	2	2	2	2	63	57	0.32
Cape Gris Nez	29.50	60	N	8	c	29.52	+0.6	57	54	-3	WNW	7	6	5	5	5	63	54	0.20
†Jersey	29.64	60	W	6	6	29.73	+1.0	60	56	-4	WNW	4	60	4	60	1	63	55	0.01
Brest	29.70	60	WNW	5	0	29.77	+0.9	58	56	-2	NW	4	0	4	4	4	63	54	-
Lorient	29.70	60	WNW	5	c	29.76	+1.0	59	56	-3	WNW	5	60	4	4	4	56	55	-
†Rochefort	29.82	66	WNW	5	0	29.80	+1.0	65	61	-4	WNW	7	2	4	4	4	70	57	0.02
Biarritz	29.83	69	WSW	7	2	29.84	+0.2	69	66	-3	NW	5	2	3	3	3	75	63	0.20
Corunna	*	*	*	*	*			*	*			*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.50	+0.7	52	53	+1	SW	7	2	2	2	2	67	52	0.08
Charleville	29.54	62	SW	1	0	29.59	+1.2	57	52	-5	SW	5	6	2	2	2	7	45	0.20
Paris	29.63	63	W	3	60	29.69	+1.0	58	53	-5	WNW	5	60	2	2	2	*	*	0.02
Lyons	29.70	64	NW	1	c	29.83	+1.6	61	55	-6	S	1	2	2	2	2	70	56	0.47
†Toulon	29.74	71	WSW	5	60	29.77	-0.4	67	60	-7	NW	7	2	4	4	4	73	63	-

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

Hawes Junction	29.36	57	SW	2	60	28.29	+1.2	50	49	-1	WNW	2	0	0	0	0	57	47	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wex.	Sea.		Bar.	Dry.	Wet.	Wind.	Wex.	Sea.				
Skudesnaes ...	29.37	58	53	WNW	6	60	3	Valentia ...	29.52	62	58	WNW	4	60	5		
Sumburgh Head								Scilly ...	29.57	60	56	W	4	60	6		
Stornoway ...	29.46	55	54	ENE	5	0	4	Dover ...	29.47	66	57	W	4	60	2		
Aberdeen ...	29.42	56	52	ENE	1	0	2	London ...	29.49	61	60	SW	2	60	*		
Shields ...	29.30	60	57	Z	0	0	2	Yarmouth ...	29.40	68	57	WNW	2	60	2		
Ardrossan ...	29.37	57	55	ENE	3	0	1	Jersey ...	29.65	62	56	W	6	60	5		
Mullaghmore ...								Rochefort	29.74	69	68	NW	7	60	2		
Holyhead ...	29.37	62	59	SW	3	0	2	Ben Nevis (4406 ft.) Same as 17 th .							Max. 74	Min. 57	Rain 0.35

Pressure is changing very little and the area of low readings is still shown in the N. The weather is cloudy and showery but with bright intervals, and the wind remains W in the S. and E in the N.

EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

§ Received too late for insertion in chart.



DAILY WEATHER REPORT

F O R

FRIDAY, 19TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/per quarter*
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on FRIDAY, 19th AUGUST 1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

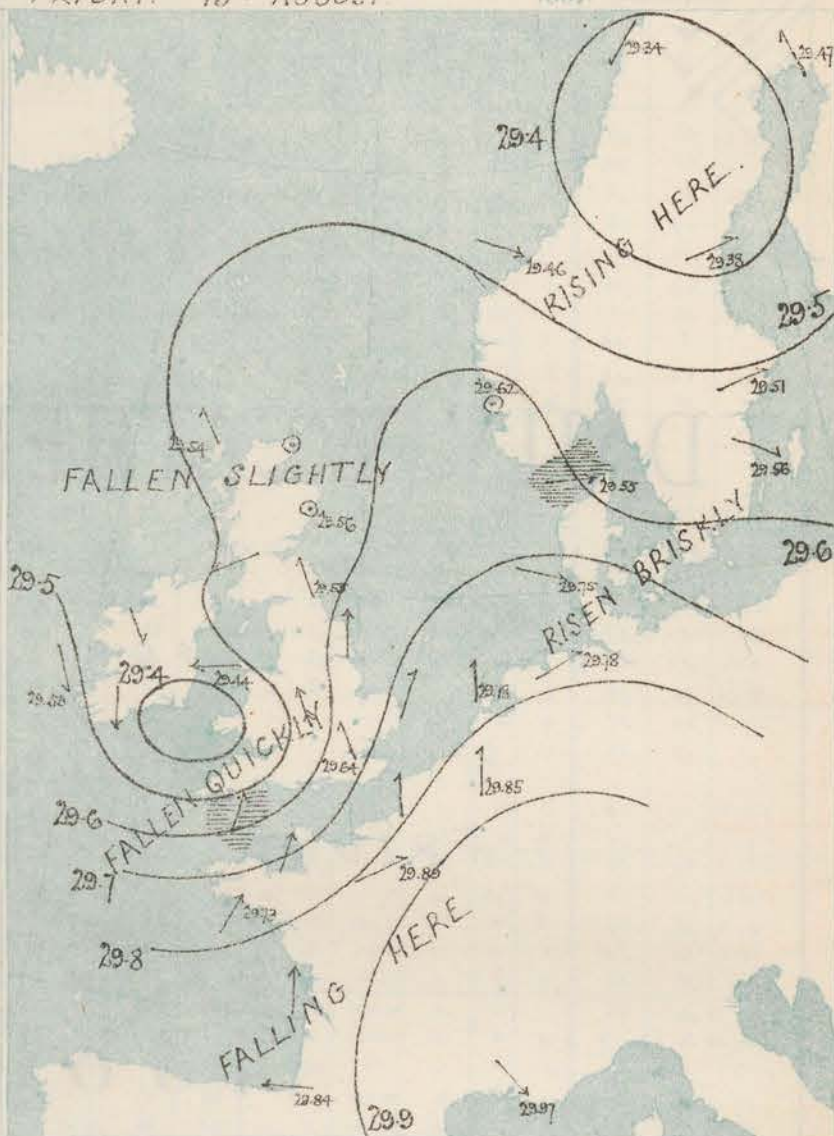
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.
 O = dead calm.

Sea Disturbance: where considerable, is shown by shading round the coast. Thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings
Natal	29 8.25
Aberdeen	29 8.60
Leith	29 8.91
Scarborough	29 9.21
Ardrossan	29 9.68
Greenock	29 9.09
Holyhead	29 9.30
Valencia	29 9.65
Rochester	29 9.83
Plymouth	30 0.07
LONDON	29 10.88
Falmouth	29 9.68

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10° change in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

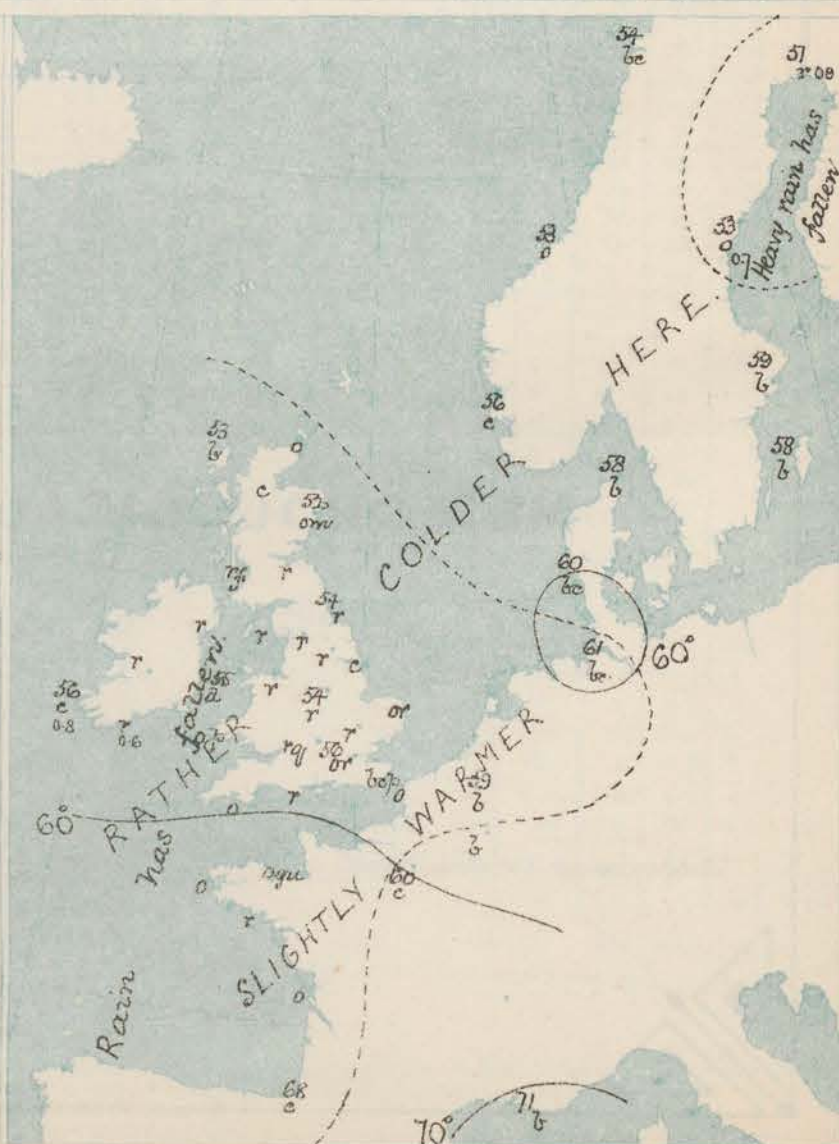
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp	Rain-fall
Samburgh Head	54.4	2.32
Seacombe	54.9	3.82
Aberdeen	57.5	3.23
Shetland	58.0	1.40
York	60.2	2.37
Mullaghmore	59.0	2.0
Holyhead	60.1	2.47
Parsonstown	58.6	1.51
Valencia	60.3	1.08
Sally (St Mary's)	62.0	2.20
Harst Castle	63.0	2.0
Dover	62.4	2.71
LONDON	62.8	2.97
Falmouth	61.7	1.72

*The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY, 19th AUG^r 1881, at 8 a.m.

During the past night a well-marked and rather deep depression has advanced suddenly across Ireland, and is now shown over the St. George's Channel. It has occasioned a rapid fall of the barometer all over the southern portion of our area, and a slight fall in all places except both Germany and Scandinavia, where the recovery noticed yesterday still continues. Gradients are rather steep in the south, and the wind over France and the south of England is fresh or strong and threatens to blow a gale. It circulates round the depression in the south west, blowing from N. in Ireland, from W and SW over France and our south west coasts, from S. in the south east and east, and from E in the north. The weather is fine at Dover and Stromway, but is cloudy or dull in all other parts of these Islands, with rain at the majority of stations. In the south of Ireland more than half an inch of rain has fallen. On the Continent the weather is overcast in the west of Norway and west of France, but is fine elsewhere. Temperature has again decreased, and ranges from 60° in the south to 45° at Paris. The sea is rough at Prawle Point.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

20th AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light breezes between S. and E; cloudy, misty, some rain.
2 SCOTLAND EAST	— — — — —
3 ENGLAND NE	S ^{ly} and SE ^{ly} breezes, light or moderate; dull, rain.
4 ENGLAND EAST	SW ^{ly} and S ^{ly} winds, strong, dull, some rain; then W ^{ly} winds, strong and squally, with sharp showers, afterwards fair.
5 MIDLAND COUNTIES	— — — — —
6 ENGLAND SOUTH	— — — — —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	NE ^{ly} and NW ^{ly} breezes, light; dull, some rain.
7 ENGLAND NW	E ^{ly} , backing to NW ^{ly} breezes, moderate; dull, unsettled.
8 ENGLAND SW	SW ^{ly} and W ^{ly} winds, strong to a gale; cloudy, showery.
9 IRELAND NORTH	N ^{ly} and NW ^{ly} winds, moderate; subsequently backing; cloudy, showery.
10 IRELAND SOUTH	— — — — —
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 19th AUGUST 1881.

STATIONS.	YESTERDAY EVENING.						A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 2).	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	29.53	54	E	4	0	29.47	+ 27	51	51	—	3	S	2	r	*	64	7	0.91	
Hernösand	29.23	50	WSW	2	0	29.38	+ 25	53	51	+	2	WSW	2	0	*	54	46	0.67	
Stockholm	29.39	54	WSW	2	b	29.51	+ 21	59	55	+	2	WSW	2	b	*	66	48	—	
Wisby	29.40	57	W	2	b	29.56	+ 22	58	55	0	—	WNW	2	b	*	63	54	—	
Bodö	29.30	55	NE	2	0	29.24	+ 04	54	49	+	1	NE	2	b	1	59	50	—	
Christiansund	29.26	55	WNW	3	0	29.45	+ 17	53	49	—	2	WNW	5	0	4	59	45	—	
†Skudesnaes	29.49	54	WSW	2	b	29.62	+ 27	55	53	+	1	Z	0	c	2	57	54	—	
Oxö (Xiansund)	29.39	58	WSW	4	b	29.57	+ 26	56	55	+	1	WSW	3	b	2	62	52	—	
Skagen (The Skaw)	29.44	55	WSW	2	b	29.55	+ 20	58	53	+	2	W	7	b	6	66	54	—	
Fanö	29.58	54	NW	4	b	29.75	+ 45	60	55	+	5	WNW	4	b	*	61	54	—	
Cuxhaven	29.48	67	WNW	6	r	29.78	+ 39	61	58	+	3	WSW	4	b	*	7	54	0.06	
†Sumburgh Head																			
†Stornoway	29.60	52	SE	1	c	29.54	— 00	52	51	0	—	SSE	1	b	0	58	38	0.11	
Wick	29.60	53	NNW	3	b	29.58	+ 09	51	50	—	1	E	1	0	2	59	44	0.02	
Nairn	29.59	50	Z	0	c	29.55	+ 03	45	43	—	0	Z	0	0	0	60	42	0.29	
†Aberdeen	29.60	55	SSE	1	0	29.56	+ 05	52	51	—	2	Z	0	0	1	64	47	0.04	
Leith	29.60	59	W	1	b	29.54	+ 02	51	50	—	1	E	1	r	*	64	48	0.03	
†Shields	29.64	55	S	2	c	29.55	+ 04	54	53	+	2	SSE	2	r	3	57	48	0.07	
Spurn Head	29.70	56	SE	2	c	29.61	+ 17	55	54	+	1	SSE	4	c	3	57	54	0.03	
York	29.68	60	SW	1	r	29.60	+ 11	53	52	+	1	SSE	1	r	*	62	48	0.09	
Nottingham	29.71	60	S	1	c	29.58	— 00	54	53	—	5	SSE	3	r	*	67	48	0.03	
†Ardrossan	29.64	58	WNW	3	b	29.51	— 04	51	50	—	3	ENE	2	r	2	62	48	0.16	
†Mullaghmore																			
Donaghadee	29.67	54	SE	2	0	29.50	— 07	54	54	0	—	NNE	2	r	0	59	51	0.12	
Parsonstown	29.70	59	WSW	1	0	29.47	— 18	54	50	—	4	NNW	2	r	*	63	51	0.34	
Barrow-in-Furness	29.68	59	SW	3	b	29.55	— 02	54	53	+	2	ESE	4	r	3	64	51	0.05	
†Holyhead	29.71	60	SW	3	c	29.44	— 15	55	54	—	1	E	5	d	3	62	54	0.26	
Liverpool (Bidston)	29.70	57	W	2	b	29.50	— 05	53	52	—	3	ESE	2	r	2	61	51	0.18	
†Valentia	29.71	58	SW	1	0	29.53	— 08	56	54	—	2	NNW	2	c	2	62	50	0.78	
Roche's Point	29.68	57	WSW	2	0	29.40	— 27	53	52	—	5	N	7	r	4	61	50	0.58	
Pembroke	29.72	58	WSW	2	b	29.34	— 29	60	59	+	5	SW	5	0	4	62	54	0.21	
†Scilly																			
Prawle Point	29.87	57	WSW	3	c	29.54	— 12	60	60	+	2	SSW	5	0	5	63	54	0.05	
Hurst Castle	29.78	61	NNW	6	c	29.57	— 04	58	58	0	—	SW	7	0	4	68	55	0.07	
†Dover	29.72	64	WSW	3	b	29.71	+ 19	60	58	+	2	SW	4	0	4	66	58	0.21	
†London	29.70	64	W	2	c	29.64	+ 06	56	55	0	—	SE	4	r	*	67	53	0.11	
Oxford	29.75	58	W	1	b	29.56	— 01	55	54	—	1	SSE	8	r	*	64	52	0.24	
Cambridge	29.72	58	? E	1	0	29.61	+ 09	55	54	—	1	S	1	r	*	65	50	0.08	
†Yarmouth	29.72	59	Z	0	b	29.71	+ 27	57	56	+	2	SSW	2	r	3	62	53	—	
The Helder	29.74	58	NW	1	c	29.78	+ 41	56	56	—	3	S	2	f	2	63	54	0.12	
Cape Gris Nez	29.80	61	W	7	b	29.76	+ 24	58	56	+	1	S	4	0	2	64	55	—	
†Jersey	29.89	62	W	3	b	29.68	— 05	63	62	+	3	SSW	5	0	4	64	57	0.01	
Brest	29.88	62	SW	4	b	29.68	— 09	61	61	+	3	SW	5	0	4	66	57	0.04	
Lorient	29.89	66	W	4	b	29.73	— 03	64	64	+	5	SW	5	r	3	68	57	0.08	
†Rochefort	29.94	67	NW	5	b	29.89	+ 09	66	64	+	1	S	5	0	2	73	59	?	
Biarritz	29.95	68	N	3	c	29.84	— 00	68	64	—	1	E	4	c	3	72	63	0.16	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.85	+ 35	59	55	+	5	S	3	b	*	65	53	0.16	
Charleville	29.84	64	SW	5	b	29.91	+ 32	53	50	—	4	S	1	b	*	?	45	—	
Paris	No Observations					29.89	+ 20	60	55	+	2	? WSW	4	c	*	*	*	—	
Lyons																			
Toulon	29.85	69	NW	8	b	29.97	+ 20	71	56	+	4	NW	7	b	4	73	46	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	53	SSW	2	c	28.35	+ 06	50	49	0	—	S	1	r	*	58	46	0.10	

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

Hawes Junction	28.46	53	SSW	2	c	28.35	+ 06	50	49	0	—	S	1	r	*	58	46	0.10
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.			
Skudesnaes ...							Valentia ...	29.74	62	58	SW	2	c	2		
Sumburgh Head							Scilly ...	29.78	64	59	WSW	4	c	4		
Stornoway ...	29.60	53	52	ENE	1	c	Dover ..	29.69	65	58	W	3	bc	2		
Aberdeen ...	29.57	60	54	S	2	bc	London ...	29.72	65	58	WNW	2	bc	*		
Shields ...	29.62	55	52	ENE	2	c	Yarmouth ...	29.63	61	56	NW	3	bc	3		
Ardrossan ...	29.63	60	53	WNW	3	c	Jersey ...	29.86	62	57	W	4	b	4		
Mullaghmore ...							Rochefort ...	29.70	71	62	NW	2	bc	2		
Holyhead ...	29.70	60	57	W	3	c	Ben Nevis 4406ft									
							8 am 1800	29.50	38	37	SW	2	0	39	35	0.09

Pressure has increased everywhere since the morning, but at Valentia the change has been very slight and since noon a slight decrease has commenced there. The wind is backing a little generally, but remains light in force the weather is fair generally. Temperature ranges from 65° in the SE to 53° at Stornoway.

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; a. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SATURDAY 20TH AUGUST

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

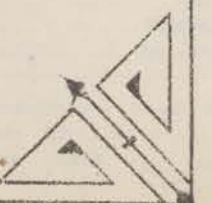
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on SATURDAY 20th AUGUST.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isohars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—

→ forces above 10; →→ forces 8 to 10
→→ forces 5 to 7; →→ forces 1 to 4;

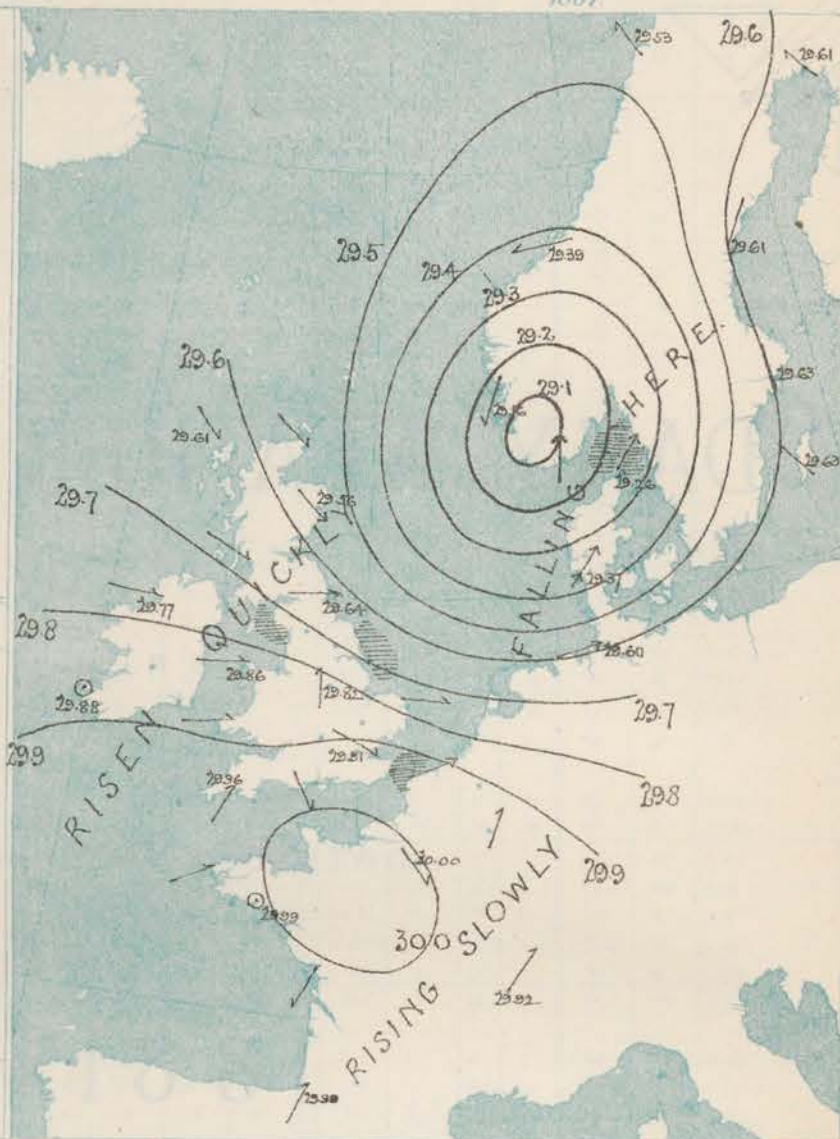
○ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings.
Nairn	29.853
Aberdeen	29.863
Leith	29.891
Scarborough	29.911
Ardrossan	29.908
Greencastle	29.909
Holyhead	29.939
Valentia	29.965
Roche's Pt.	29.983
Plymouth	30.007
LONDON	29.988
Yarmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

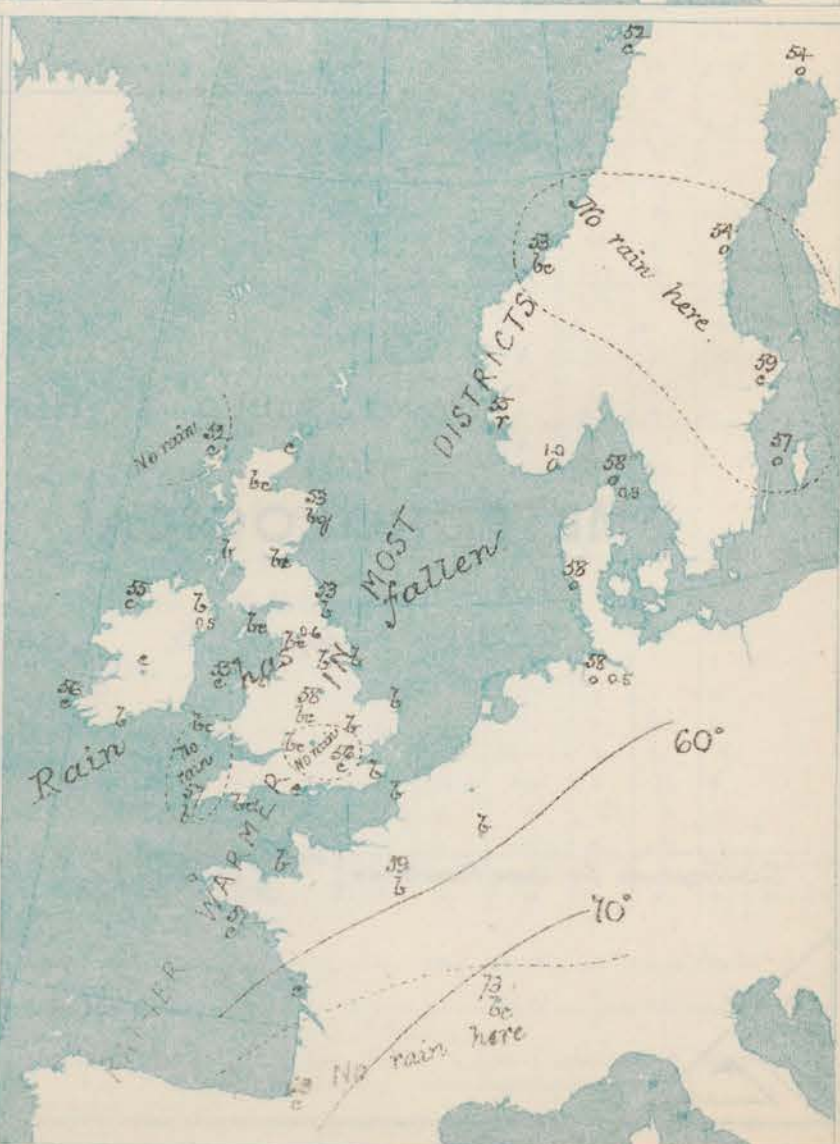
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall
Sumburgh Head	54.4	2.32
Stornoway	54.8	3.87
Aberdeen	57.5	5.23
Shields	58.9	2.40
York	60.2	2.37
Mullaghmore	59.0	?
Holyhead	60.1	2.47
Parsonstown	59.6	2.63
Valentia	60.5	4.08
Sally (St Mary's)	62.0	2.20
Hurst Castle	63.0	?
Dover	62.4	2.14
LONDON	63.5	1.97
Yarmouth	61.7	1.77

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 20th AUG^r 1881 at 8 a.m.

The depression which crossed these Islands yesterday has continued to travel NErd, and now has its centre over the south coast of Norway. It has occasioned a quick fall of the mercury over the eastern shores of the North Sea, while a brisk recovery has taken place over these Islands and France. A slight anticyclone has been formed over the NW. of France, and readings are moderately uniform over the southern portion of the United Kingdom, but in the north, and in the neighbourhood of the depression gradients are steep. The circulation of the wind is still very distinct, NW^{ly} to W^{ly} winds being reported on our coasts, SW^{ly} and S^{ly} winds in North Germany, Denmark and Sweden and NE^{ly} winds in Norway. In the N. and E. the wind is strong. Temperature has risen slightly and ranges from 61° at Dover to 50° at Wick. It is uniform and low all over Western Europe. The maxima yesterday were between 55° and 65° generally, but 71° at Nottingham, 67° at Oxford and 68° at Cambridge. The weather though very cloudy in the W., is moderately clear in most other parts of these Islands, but is overcast and rainy in the south of Scandinavia. The sea is rather rough at Lunn Head, Barrow in Furness, and Cape Jelsk.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

21st August

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NW ^{ly} and W ^{ly} winds, moderate; cloudy, some showers
2 SCOTLAND EAST	NW ^{ly} and W ^{ly} winds, fresh to moderate; fair
3 ENGLAND NE	-----D-----D-----D-----
4 ENGLAND EAST	W ^{ly} winds, light or moderate; fair generally
5 MIDLAND COUNTIES	-----D-----D-----D-----
6 ENGLAND SOUTH	-----D-----D-----D-----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	W ^{ly} winds, moderate and backing; fine to dull.
7 ENGLAND NW	W ^{ly} and SW ^{ly} winds, moderate; cloudy, some rain
8 ENGLAND SW	W ^{ly} and SW ^{ly} winds, moderate to fresh; fine to dull and some rain.
9 IRELAND NORTH	SW ^{ly} winds, moderate and fresh; cloudy, some rain.
10 IRELAND SOUTH	-----D-----D-----D-----
WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

20th AUGUST

1881.

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.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Temp. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).				Dry.	Wet.		Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda ...	29.60	51	S	1	0	29.61	+ .14	54	53	+ 2	SE	2	0	*	57	50	0.24
Hernösand ...	29.60	50	S	0	0	29.61	+ .23	54	52	+ 1	NE	2	0	*	68	46	—
Stockholm ...	29.64	54	SW	2	0	29.63	+ .12	59	54	0	S	2	0	*	68	50	—
Wisby ...	29.65	59	WNW	6	0	29.63	+ .07	57	54	- 1	SSE	4	0	*	66	54	—
Bodö ...	29.46	52	SW	2	0	29.53	+ .19	52	50	- 2	SE	2	0	1	57	48	0.12
Christiansund ...	29.55	53	W	5	0	29.39	- .07	53	50	0	ENE	3	0	2	54	41	—
† Skudesnaes ...	29.53	57	SSE	4	0	29.16	- .46	55	51	- 1	NNE	4	0	4	59	55	?
Oxö (Xiansund) ...	29.59	56	SSW	4	0	29.13	- .44	57	56	+ 1	S	6	0	4	59	54	0.09
Skagen (The Skaw) ...	29.65	57	WSW	2	0	29.26	- .29	58	55	0	SW	5	0	6	61	55	0.87
Fanö ...	29.54	57	SE	4	0	29.37	- .28	58	56	+ 2	SW	8	0	*	63	53	0.24
Cuxhaven ...	29.69	64	S	2	0	29.60	- .18	58	55	- 3	WSW	6	0	*	64	55	0.48
† Sumburgh Head ...	29.47	52	NE	3	0	29.61	+ .07	52	51	- 1	WNW	3	0	2	57	41	—
† Stornoway ...	29.40	53	E	3	0	29.55	- .03	50	48	- 1	NW	4	0	3	60	47	0.20
Wick ...	29.42	54	E	1	0	29.59	+ .04	52	50	+ 7	W	1	0	1	54	45	0.01
Nairn ...	29.38	53	NNE	2	0	29.56	0.0	53	49	+ 1	NW	6	0	2	55	48	0.39
† Aberdeen ...	29.34	52	E	1	0	29.63	+ .09	52	49	+ 1	WNW	1	0	*	53	44	0.32
Leith ...	29.18	54	Z	0	0	29.64	+ .09	53	49	- 1	W	6	0	2	55	46	0.38
† Shields ...	29.25	60	WSW	4	0	29.70	+ .09	52	50	- 3	WSW	5	0	5	65	50	0.09
Spurn Head ...	29.28	64	SW	3	0	29.71	+ .11	55	50	+ 2	W	4	0	*	66	48	0.28
York ...	29.39	57	WNW	6	0	29.82	+ .27	58	54	+ 4	S	3	0	*	71	64	0.05
Nottingham ...	29.40	52	W	3	0	29.68	+ .17	56	52	+ 5	WNW	4	0	3	56	49	0.42
† Ardrossan ...	29.55	55	WNW	5	0	29.77	0.0	55	51	0	W	4	0	3	58	52	0.38
† Mullaghmore ...	29.45	52	NE	4	0	29.75	+ .25	55	53	+ 1	WNW	4	0	2	55	45	0.52
Donaghadee ...	29.61	55	WNW	2	0	29.84	+ .37	58	51	+ 2	SW	2	0	*	59	46	0.18
Parsonstown ...	29.31	53	WNW	6	0	29.71	+ .16	54	52	0	NW	5	0	5	58	51	0.64
Barrow-in-Furness ...	29.48	52	WNW	4	0	29.86	+ .42	55	53	0	W	3	0	2	59	51	0.08
† Holyhead ...	29.39	52	W	4	0	29.78	+ .28	54	52	+ 1	W	4	0	4	65	52	0.10
Liverpool (Bidston) ...	29.72	56	WNW	3	0	29.89	+ .35	56	53	0	Z	0	0	1	61	47	0.02
† Valentia ...	29.67	55	NW	4	0	29.89	+ .49	54	51	+ 1	NW	1	0	3	61	45	0.06
Roche's Point ...	29.59	57	W	5	0	29.84	+ .50	55	51	- 5	W	3	0	3	60	54	—
Pembroke ...	29.68	58	WSW	4	0	29.95	+ .41	57	54	- 3	WSW	3	0	3	61	50	—
† Scilly ...	29.59	60	WNW	7	0	29.93	+ .36	57	52	- 1	NW	4	0	3	63	53	0.04
Prawle Point ...	29.55	65	SW	5	0	29.84	+ .18	61	56	+ 1	W	3	0	2	65	50	0.19
Hurst Castle ...	29.54	62	W	5	0	29.91	+ .27	56	51	0	WNW	2	0	*	66	49	—
† Dover ...	29.59	55	W	7	0	29.88	+ .32	54	51	- 1	SW	2	0	*	67	45	—
London ...	29.46	59	SW	4	0	29.82	+ .21	56	52	+ 1	W	2	0	*	68	46	0.27
Oxford ...	29.42	60	SW	5	0	29.79	+ .08	56	51	- 1	W	4	0	2	65	48	0.20
Cambridge ...	29.41	58	WSW	8	0	29.91	+ .15	57	54	- 1	WSW	7	0	5	66	55	0.28
† Yarmouth ...	29.74	60	W	6	0	30.01	+ .33	60	53	- 3	W	2	0	3	64	55	0.35
The Helder ...	29.79	61	WNW	3	0	29.98	+ .30	59	56	- 2	WSW	1	0	3	66	55	0.35
Cape Gris Nez ...	29.76	61	WNW	4	0	29.99	+ .26	57	57	- 7	W	0	0	3	66	54	—
† Jersey ...	29.81	72	SSW	4	0	29.99	+ .10	61	59	- 5	NNE	4	0	2	79	57	0.04
Brest ...	29.76	75	NNE	5	0	29.99	+ .15	69	66	+ 1	SW	3	0	2	81	66	—
Lorient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
† Rochefort ...	29.71	68	SSW	4	0	29.93	+ .02	54	51	+ 1	SSW	1	0	*	?	45	0.44
Biarritz ...	29.71	64	SSW	3	0	30.00	+ .11	59	55	- 1	NW	4	0	*	*	*	0.08
Corunna ...	?	84	S	7	0	29.92	?	73	64	?	SW	1	0	*	89	71	—
Brussels ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Charleville ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Paris ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Lyons ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Toulon ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?

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

Hawes Junction	28.01	53	SSW	2	0	28.49	+ .14	48	47	- 2	W	2	0	*	54	42	0.56
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	29.63	58	53	SW	4	0	Valentia ...	29.65	60	55	WNW	4	bcg	5
Sumburgh Head ...	29.47	55	51	SSE	3	0	Scilly ...	29.56	63	62	SSW	5	cp	4
Stornoway ...	29.47	52	50	E	1	0	Dover ...	29.49	65	63	SSW	5	0	*
Aberdeen ...	29.34	53	52	SE	4	0	London ...	29.50	62	61	SSW	3	0	d
Shields ...	29.46	52	51	N	3	0	Yarmouth ...	29.68	60	59	W	6	N	5
Ardrossan ...	29.50	55	51	WNW	4	0	Jersey ...	29.78	76	71	SSW	5	N	1
Mullaghmore ...	29.29	55	53	NW	7	0	Rocheport ...	29.78	76	71	SSW	5	N	1
Holyhead ...	29.29	55	53	NW	7	0	Ben Nevis (1406 ft)	25.05	33	32	SE	1	0	
				</										

Don Nevis (5406 ft.) Sam on 19th 28.05 33 32 SE 1 0 38 31 0.0

The depression is travelling slowly NE and the barometer is falling all over the E. districts and rising in the SW. The weather is showing except in Ireland and the wind still circulates round the centre. Temperature ranges from 65° in London to 52° at Aberdeen.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SUNDAY 21ST AUGUST.

1881.

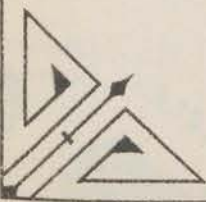
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ROBERT H. SCOTT
(SECRETARY.)



Fred^r Dingerfeldt Lith 22 Bedford St. London

WEATHER CHARTS

for 8 a.m. on Sunday, 21st August 1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

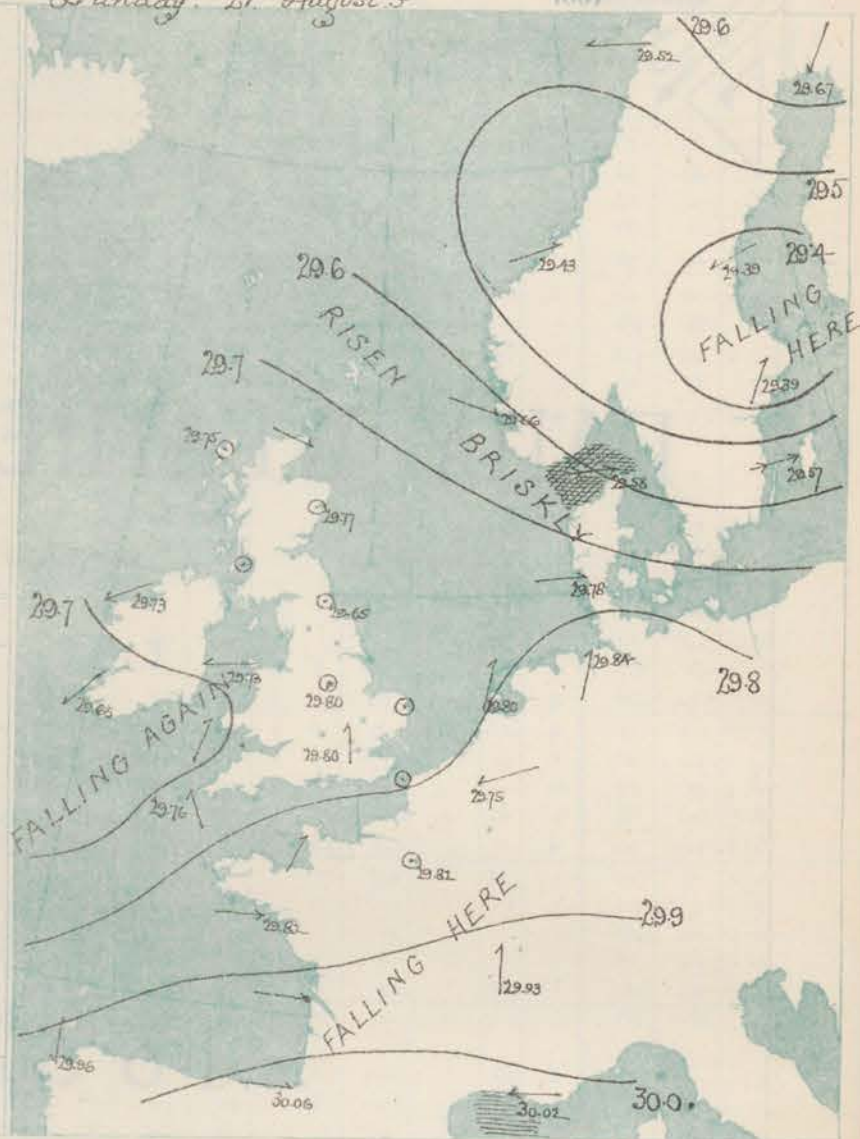
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10
 — forces 5 to 7; — forces 1 to 4.
 ○ dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus:
 Rough; High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings in.
Nairn	29.887
Aberdeen	29.865
Leith	29.891
Scarborough	29.851
Ardrossan	29.908
Greenock	29.909
Holyhead	29.839
Valentia	29.965
Roche's Pt.	29.985
Plymouth	30.007
LONDON	29.988
Farmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

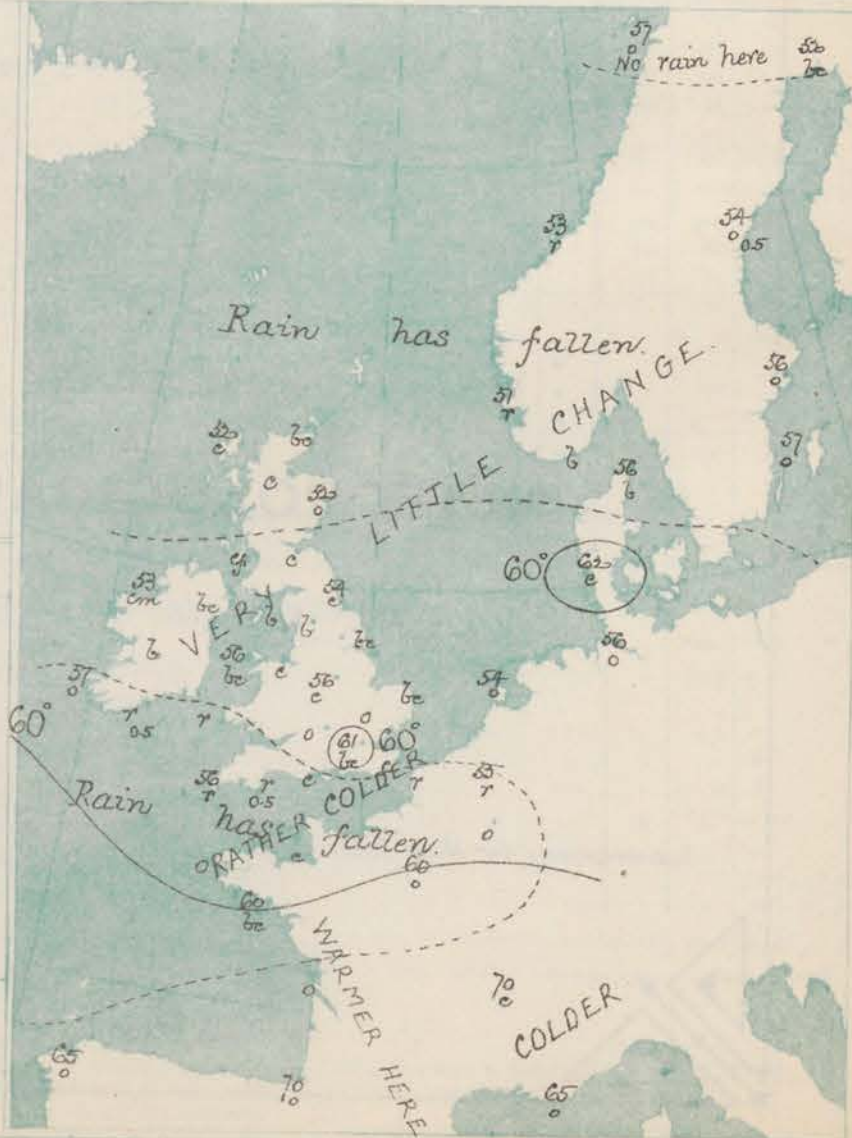
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp	Rain-fall
Sunderbury Head	54.4	1.32
Stormy Bay	54.9	3.87
Aberdeen	57.5	3.33
Shields	58.8	2.40
York	60.2	2.37
Mullaghmore	59.0	0
Holyhead	60.1	2.47
Parsonstown	59.6	3.83
Valentia	60.3	4.06
Sally (St Mary's)	62.0	2.30
Hurst Castle	63.0	0
Dover	62.4	2.14
LONDON	63.5	1.97
Farmouth	61.7	1.77

*The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for 1881 at 8 a.m.

In the course of the past night a large shallow depression advanced over the S. of Ireland and S.W. of England from the NW, and the barometer therefore fell at almost all our southern stations, while the wind backed to SW in most places, and to SE in others. In Scotland, however, the barometer ^{continued} to recover from the effects of Friday's depression, and the wind is either light from NW or entirely calm. In the N. of Ireland, to the NW of the depression, the wind is moderate from E. Temperature has fallen a little over the south of England, but has not changed much in other districts, and readings range from 58° at Yarmouth and 57° at Valentia to 50° at Kairn. Over the south coast the thermometer varies between 53° and 55°. The weather is fine in the East, and fair in the N. but all over SW stations steady rain is falling, and in the SE, the sky is becoming very cloudy.

The sea is high in the Skager Rack, rough at Toulon, moderate to smooth on our coast.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

NONE ISSUED

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH
- WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 21st August 1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	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 ...	29.67	51	Z	0	b	29.67	+ .06	52	48	- 2	NE	2	b	*	57	50	-		
Hernösand ...	29.50	54	ENE	2	o	29.59	- .22	54	52	0	ENE	4	o	*	64	41	0.47		
Stockholm ...	29.39	55	S	2	o	29.39	- .24	56	53	- 3	SW	4	o	*	65	52	0.12		
Wisby ...	29.54	58	WSW	8	o	29.57	- .06	57	53	0	W	8	o	*	64	52	0.12		
Bodö ...	29.50	54	NE	2	b	29.52	- .01	57	52	+ 5	E	2	o	1	57	52	-		
Christiansund...	29.29	57	WSW	4	o	29.43	+ .04	53	52	0	WSW	3	r	3	64	45	0.08		
†Skudesnaes ...	29.50	54	NNW	6	r	29.66	+ .50	51	48	- 4	NNW	4	r	4	59	?	-		
Oxö (Xtiansund) ..	29.40	56	W	8	c	29.62	+ .49	55	52	- 2	WSW	4	b	2	57	52	0.12		
Skagen (The Skaw)	29.41	56	W	9	c	29.58	+ .32	56	51	- 2	W	8	b	8	61	54	0.82		
Fanö ...	29.78	56	W	6	c	29.78	+ .21	62	57	+ 4	W	4	c	*	?	50	-		
Cuxhaven ...	29.86	71	W	7	o	29.84	+ .24	56	54	- 2	SSW	2	o	*	?	50	-		
†Sumburgh Head																			
†Stornoway ...	29.74	52	NNW	3	c	29.75	+ .14	52	52	0	Z	0	c	0	55	40	-		
Wick ...	29.71	53	NN	4	b	29.74	+ .19	52	49	+ 2	NN	3	b	2	59	42	0.02		
Nairn ...	29.72	51	Z	0	r	29.77	+ .18	50	46	- 2	Z	0	c	1	61	44	0.05		
†Aberdeen ...	29.73	55	NNW	3	r	29.77	+ .21	52	49	- 1	Z	0	o	1	61	47	0.13		
Leith ...	29.77	58	NN	1	b	29.76	+ .13	54	52	+ 2	NN	1	c	*	64	43	-		
†Shields ...	29.79	60	W	4	b	29.65	+ .01	54	51	+ 1	NNW	1	c	2	62	44	-		
Spurn Head ...	29.58	60	W	4	b	29.78	+ .08	55	52	+ 3	NE	2	b	2	61	53	-		
York ...														*					
Nottingham ...	29.38	61	NNW	2	c	29.50	- .02	56	54	- 2	Z	0	c	*	70	48	0.01		
†Ardrossan ...	29.50	58	NNW	3	c	29.77	+ .09	55	51	- 1	E	1	c	0	62	49	-		
†Mullaghmore ...	29.58	58	W	1	c	29.73	- .04	53	52	- 2	ENE	5	c	2	61	46	-		
Donaghadee ...	29.77	55	WSW	4	b	29.76	+ .01	55	54	0	E	3	b	1	64	40	0.11		
Parsonstown ...	29.82	60	W	1	c	29.70	- .14	57	49	- 2	NNW	1	b	*	63	42	-		
Barrow-in-Furness	29.87	57	WSW	4	b	29.77	+ .06	54	53	0	NE	2	b	3	60	50	-		
†Holyhead ...	29.57	57	SSW	3	b	29.73	- .13	54	55	+ 1	E	3	b	2	61	52	-		
Liverpool (Bidston)	29.56	58	NNW	1	b	29.75	- .03	54	51	0	ESE	1	c	1	60	50	-		
†Valentia ...	29.87	58	SSE	4	c	29.65	- .23	57	54	+ 1	NE	1	o	1	61	43	0.02		
Roche's Point...	29.88	58	SW	3	c	29.65	- .24	56	55	+ 2	WSW	2	r	3	62	49	0.46		
Pembroke ...	29.88	57	WSW	2	b	29.68	- .16	55	54	0	SSW	4	r	2	62	54	0.06		
†Scilly ...																			
Prawle Point ...	29.95	57	SSE	2	o	29.73	- .22	53	53	- 4	SE	1	r	2	60	53	0.46		
Hurst Castle ...	29.95	59	NNW	3	o	29.76	- .17	55	55	- 2	SE	2	c	3	65	53	0.29		
†Dover ...	29.94	60	WSW	3	b	29.78	- .11	55	53	- 6	W	1	c	0	64	54	0.06		
†London ...	29.94	62	SW	2	c	29.88	- .11	61	56	+ 5	S	1	c	*	67	52	-		
Oxford ...	29.92	57	Z	0	b	29.78	- .10	55	54	+ 1	S	1	o	*	64	52	-		
Cambridge ...	29.91	61	NNW	1	c	29.78	- .04	56	54	0	SW	1	o	*	66	51	-		
†Yarmouth ...	29.91	62	Z	0	b	29.78	- .01	58	56	+ 2	Z	0	b	2	64	52	-		
The Helder ...	29.93	58	SSW	1	b	29.80	+ .09	54	53	- 3	SSW	1	o	1	61	54	-		
Cape Gris Nez	30.00	59	W	5	b	29.78	- .13	53	53	- 4	SE	1	r	1	66	52	0.16		
†Jersey ...	30.00	60	E	1	o	29.81	- .20	58	57	- 2	SW	4	c	3	64	55	0.35		
Brest ...	29.94	60	SSW	4	o	29.82	- .16	59	57	0	W	5	o	4	63	57	0.32		
Lorient ...	29.95	60	S	3	r	29.82	- .17	60	58	+ 3	W	7	b	4	66	54	0.35		
†Rochefort ...	29.95	70	NNW	4	b	29.93	- .06	66	63	+ 5	W	3	o	2	73	57	-		
Biarritz ...	29.89	57	E	3	b	29.06	+ .07	70	65	+ 1	W	4	o	3	84	66	-		
Corunna ...	*	*	*	*	*	29.96	.00	65	*	+ 7	N	1	o	1	*	*	*		
Brussels ...	*	*	*	*	*	29.75	- .15	55	54	- 1	ENE	3	r	*	68	54	0.16		
Charleville ...	29.92	64	SW	1	b	?	?	58	55	+ 4	NNE	4	o	*	?	47	?		
Paris ...	30.02	66	NNW	1	b	29.92	- .18	60	57	+ 1	Z	0	o	*	*	*	0.12		
Lyons ...	29.95	77	NE	2	b	29.93	+ .01	70	65	- 3	S	1	c	*	86	65	-		
Toulon ...	30.03	57	ESE	1	o	30.02	- .02	65	64	- 8	E	5	o	5	84	60	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.2	52	SSW	3	c	28.55	+ .06	52	50	+ 4	NN	2	b	*	57	38	-		

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

Hawes Junction	28.62	52	SSW	3	c		28.55	+ .06	52	50	+ 4	NN	2	b	*	57	38	-
----------------	-------	----	-----	---	---	--	-------	-------	----	----	-----	----	---	---	---	----	----	---

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.32	57	54	NNW	6	o	4	Valentia ...	29.58	60	54	SSW	3	c	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.70	54	57	NNW	3	c	2	Dover ..	29.96	62	57	W	3	b	2
Aberdeen ...	29.68	60	55	NNW	2	p	5	London ...	29.95	65	57	NNW	3	c	•
Shields ...	29.75	62	54	W	6	c	3	Yarmouth ...	29.89	63	54	W	3	b	2
Ardrossan ...	29.79	58	53	W	3	c	2	Jersey ...	30.04	64	59	Z	o	b	o
Mullaghmore ...								Rochefort ...	30.04	73	66	NNW	4	bc	2
Holyhead ...	29.89	60	58	SSW	3	b	2	Ben Nevis 4406 ft.	25.19	35	35	SE	2	a	35
								25.19							35

Sam on 20th

The barometer has begun to fall again at Valentia and the wind has backed to SSW, both there and at Holyhead. In the E and N. the mercury still rises, and the wind continues NNW or W with fine weather over England, but showers in the E. of Scotland.

EXPLANATION OF COLUMNS.

WEATHER.—Barometer Sea is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY 22ND AUGUST.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Monday, 22nd August.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus: — forces above 10; — forces 8 to 10; — forces 6 to 7; — forces 7 to 4.

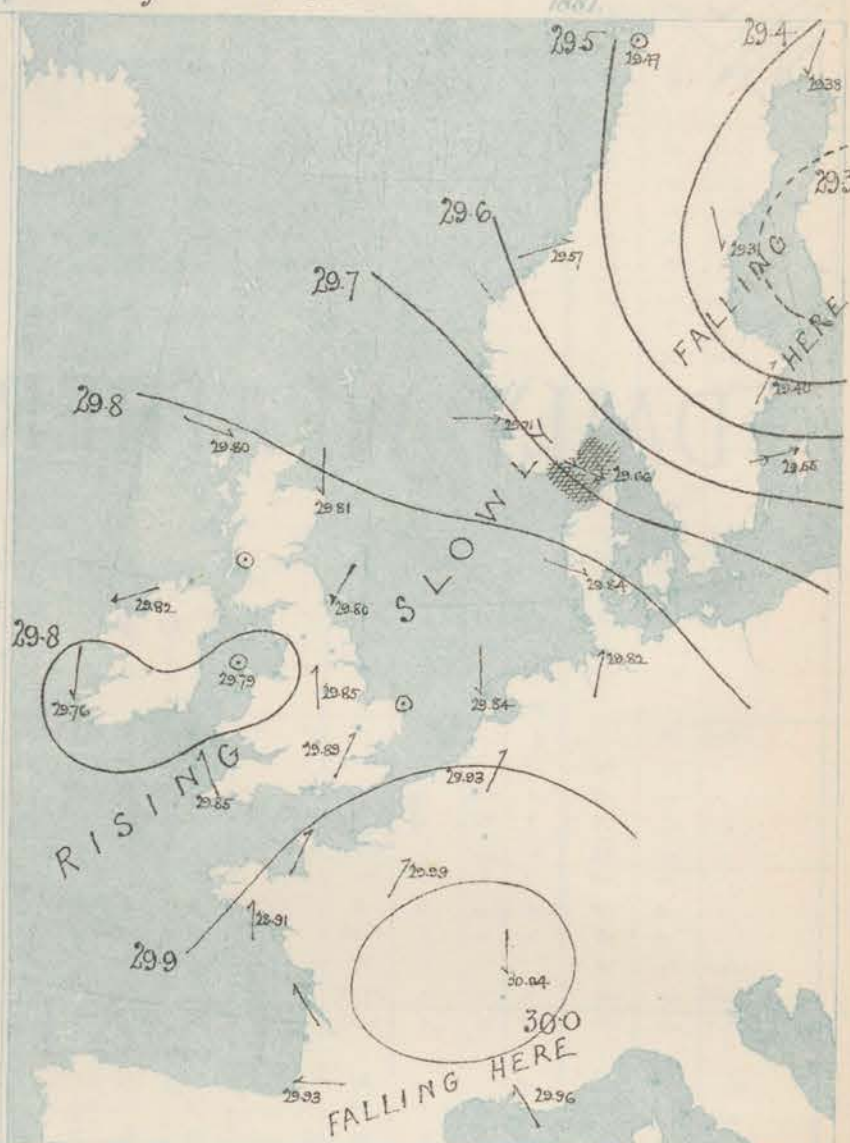
☉ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings
Nairn	29.853
Aberdeen	29.863
Glasgow	29.891
Scarborough	29.934
Ardrossan	29.908
Greenock	29.909
Holyhead	29.939
Valentia	29.965
Keshen Pt.	29.985
Plymouth	30.007
LONDON	29.988
Farmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

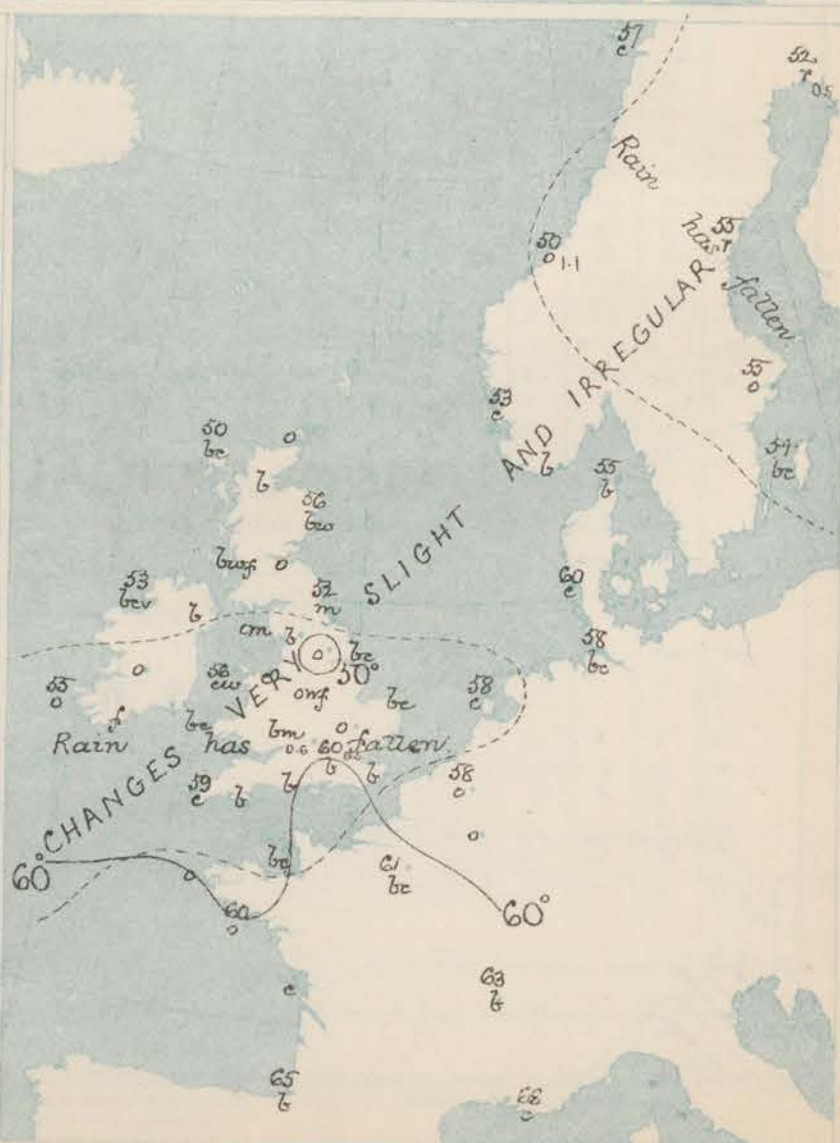
Temperature. Isotherms are drawn for each 10° changes in temperature since previous morning are stated in words. Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall.
Sandburgh Head	54.4	2.72
Stornoway	54.9	2.87
Aberdeen	57.5	3.23
Glasgow	58.9	2.90
Dunk	59.2	2.77
Mallogimere	59.0	2.77
Holyhead	60.1	2.77
Parsonstown	60.6	3.37
Valentia	60.3	1.08
Sally (St. Mary's)	61.5	2.30
Hurst Castle	62.0	2.30
Dover	62.4	2.30
LONDON	63.5	2.37
Farmouth	67.7	2.77

The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY 22ND AUGUST. 1881. at 8 a.m.

The deep depression which has been noticed during the past two days is now disappearing over the Baltic, and the barometer is rising this morning at all except the Swedish and some Western French stations. A small shallow depression at the same time is shown over Ireland and Wales, but it is quickly filling up and readings are very uniform over these Islands. W^{ly} winds, moderate to strong in force prevail over Scandinavia, Denmark and the extreme N. of Scotland, while SE^{ly} and S^{ly} winds are reported over France, but very light variable breezes are felt on our coasts. The weather is quiet and generally moderately clear, though a good deal of cloud prevails in many districts. Rain has fallen in the N. and S. rather heavily at Penzance, London and Oxford. Temperature has changed little and irregularly, reading range from 60° in the S. to 50° at Sornoway. The thermometer reached 71° at Nottingham yesterday but scarcely exceeded 65° in any other place. The sea is moderate to smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

23RD AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	W ^{ly} breezes, light and moderate; fair.	6 SCOTLAND WEST	Same as N ^{os} 1 and 2.
2 SCOTLAND EAST	N ^{ly} and NE ^{ly} winds, very light; fair.	7 ENGLAND N.W.	Variable to E ^{ly} winds; fair, cloudy, misty.
3 ENGLAND N.E.	D ^{ly} ----- D ^{ly} ----- D ^{ly}	8 ENGLAND S.W.	SW ^{ly} to SE ^{ly} winds, light; fair.
4 ENGLAND EAST	S ^{ly} and SE ^{ly} breezes, very light; fair, cloudy.	9 IRELAND NORTH	Same as N ^o 7.
5 MIDLAND COUNTIES	Light breezes between S and N.; fair.	10 IRELAND SOUTH	Same as N ^o 7.
6 ENGLAND SOUTH	D ^{ly} ----- D ^{ly} ----- D ^{ly}	WARNINGS	

METEOROLOGICAL OBSERVATIONS FOR

22nd AUGUST

1881.

	YESTERDAY EVENING.					8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	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	29.52	55	2	0	c	29.38	-29	52	51	0	NE	4	N	*	62	43	0.51	
Hernösand	29.34	53	E	2	f	29.31	-0.8	55	54	+1	N	2	N	*	55	42	0.39	
Stockholm	29.42	55	SW	6	0	29.40	+0.1	55	52	-1	WSW	6	0	*	61	54	0.08	
Wisby	29.57	57	W	8	bc	29.35	-0.2	54	51	-3	W	8	bc	*	64	?	-	
Bodö	29.53	58	SE	2	0	29.47	-0.5	57	53	0	2	0	0	0	59	52	0.04	
Christiansund	29.54	50	W	6	0	29.57	+0.14	50	47	-3	WSW	4	0	3	?	41	1.06	
†Skudesnaes	29.69	51	WNW	9	bc	29.71	+0.5	53	50	+2	W	6	bc	4	54	52	-	
Oxö (Christiansund)	29.63	53	N	4	b	29.70	+0.8	54	51	-1	W	4	b	2	61	48	-	
Skagen (The Skaw)	29.60	54	WNW	8	b	29.66	+0.8	55	60	-1	WNW	8	b	7	59	50	-	
Fanö	29.79	51	NW	3	b	29.84	+0.6	60	55	-2	WNW	4	bc	*	63	46	-	
Cuxhaven	29.78	?	WSW	1	0	29.82	-0.2	58	56	+2	SSW	2	bc	*	59	50	0.03	
†Sumburgh Head																		
†Stornoway	29.77	54	NW	2	b	29.80	+0.5	50	49	-2	WNW	3	bc	2	56	44	-	
Wick	29.74	55	NW	2	bc	29.79	+0.5	51	47	-1	NNW	2	0	2	60	41	-	
Nairn	29.75	56	W	1	bc	29.81	+0.4	52	48	+2	N	1	b	1	62	47	-	
†Aberdeen	29.77	55	SSE	1	c	29.81	+0.4	56	52	+4	N	1	bc	1	60	45	-	
Leith	29.75	56	E	1	c	29.82	+0.6	52	51	-2	E	1	0	*	56	47	-	
†Shields	29.74	56	E	1	c	29.80	+1.5	52	51	-2	NE	1	m	3	59	48	-	
Spurn Head	29.76	58	SSE	3	c	29.83	+0.5	52	50	-3	SW	2	bc	2	61	48	-	
York	29.76	58	SW	1	N	29.82		48	47		S	1	0	*	66	46	0.03	
Nottingham	29.80	55	SW	2	N	29.83	+0.5	51	51	-5	S	1	bc	*	71	41	0.05	
†Ardrossan	29.75	58	2	3	c	29.82	+0.5	54	50	-1	ENE	1	bc	0	53	44	-	
†Mullaghmore	29.72	59	N	3	0	29.82	+0.9	55	51	0	ENE	2	bc	1	63	52	-	
Donaghadee	29.76	56	NE	2	bc	29.82	+0.6	55	53	0	NE	3	b	0	61	52	-	
Parsonstown	29.72	57	E	1	0	29.82	+1.2	53	51	+2	ENE	1	0	*	63	50	-	
Barrow-in-Furness	29.74	60	SSW	3	bc	29.80	+0.3	53	52	-1	ESE	2	bc	2	67	52	0.03	
†Holyhead	29.71	60	SSW	2	c	29.79	+0.6	56	55	0	ESE	1	bc	0	62	52	0.04	
Liverpool (Bidston)	29.74	56	SSE	2	c	29.80	+0.5	52	51	-2	SE	2	0	1	60	47	-	
†Valentia	29.74	59	W	3	c	29.76	+1.1	55	53	-2	N	1	0	2	64	46	0.03	
Roche's Point	29.76	57	W	2	c	29.77	+1.2	64	52	-2	NW	2	f	3	62	49	0.25	
Pembroke	29.71	58	SW	2	bc	29.78	+1.0	58	54	+3	WSW	2	bc	3	59	54	0.35	
†Scilly																		
Prawle Point	29.81	58	WSW	4	b	29.86	+1.3	59	58	+6	SSW	3	b	4	61	53	-	
Hurst Castle	29.79	60	WNW	6	b	29.85	+1.2	60	57	+5	N	4	b	4	62	55	0.15	
†Dover	29.75	60	WSW	5	b	29.89	+1.1	57	55	+2	N	3	b	2	61	53	0.20	
†London	29.79	56	W	1	c	29.89	+0.9	60	57	-1	SW	2	b	*	65	47	0.46	
Oxford	29.81	53	2	0	b	29.85	+0.7	55	54	0	S	1	bc	*	66	46	0.60	
Cambridge	29.80	52	NW	1	N	29.86	+0.8	54	54	-2	S	1	0	*	66	46	0.32	
†Yarmouth	29.77	58	S	3	c	29.87	+0.9	56	54	-2	2	0	bc	2	62	46	0.21	
The Helder	29.82	57	S	1	N	29.84	+0.4	58	54	+4	N	2	0	2	63	54	0.28	
Cape Gris Nez																		
†Jersey	29.92	61	W	6	b	29.94	+1.3	60	57	+2	SW	2	bc	3	65	56	0.03	
Brest	29.92	60	WNW	4	0	29.87	+0.5	60	58	+1	S	5	0	4	63	57	-	
Lorient	29.95	63	W	5	bc	29.91	+0.9	60	57	0	S	1	0	4	68	55	-	
†Rochefort	30.03	69	W	5	bc	29.97	+0.4	63	61	-3	SE	8	c	2	73	87	-	
Biarritz	30.08	69	NW	4	0	29.93	-1.3	65	63	-5	E	4	b	2	81	61	-	
Corunna	*	*	*	*	*			*	*					*	*	*	*	
Brussels	*	*	*	*	*	29.93	+1.8	58	55	+3	SW	4	0	*	61	54	0.04	
Charleville	29.91	63	SW	1	c	29.97	?	58	55	0	SW	1	0	*	?	46	-	
Paris	29.92	68	WSW	5	bc	29.99	+1.7	61	56	+1	SW	1	bc	*	*	*	-	
Lyons	29.99	75	N	1	c	30.04	+1.1	62	56	-7	N	3	b	*	84	58	-	
Toulon	29.99	70	SSE	3	b	29.96	-0.6	68	64	+3	SE	2	c	2	79	64	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.53	51	E	1	bc	28.58	+0.3	54	51	+2	NNW	1	b	*	60	44	10.14	

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

Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.69	54	50	WNW	4	Valentia					
Sumburgh Head						Scilly					
Stornoway						Dover					
Aberdeen						London					
Shields						Yarmouth					
Ardrossan						Jersey					
Mullaghmore						Rochefort	30.02	72	68	W	7
Holyhead						Ben Nervis (4405 ft.)	28.26	33	35	2	0
						Ben n. 215					

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dack, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY, 23RD AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

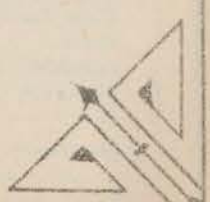
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ROBERT H. SCOTT

(SECRETARY.)



Printed by D. J. D. at the Victoria St. Press.

WEATHER CHARTS

for 8 a.m. on Tuesday 23rd August

1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

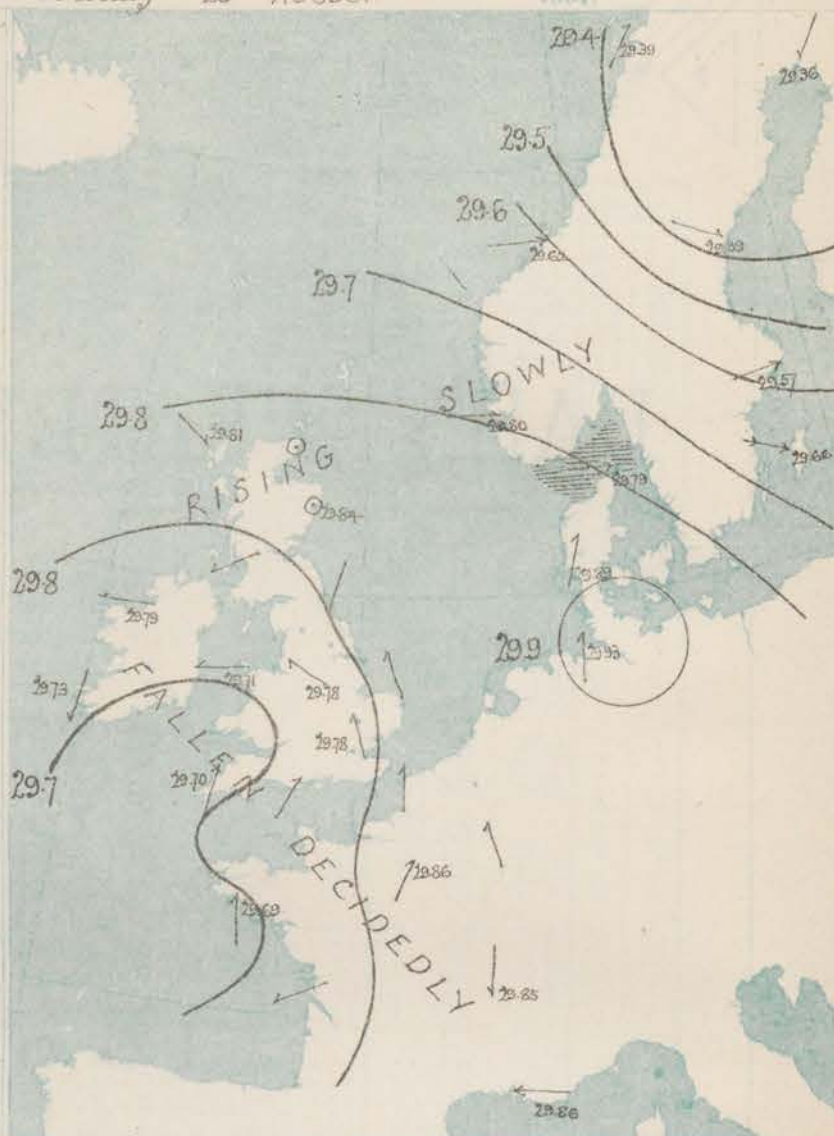
Wind Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.
○ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings in.
Nauen	29.827
Aberdeen	29.803
Leith	29.791
Scarborough	29.831
Ardrossan	29.803
Greenacastle	29.809
Holyhead	29.839
Valentia	29.803
Roche's Pt.	29.863
Plymouth	30.002
LONDON	29.889
Farmouth	29.865

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none.
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall
Sunderburgh Head	54.4	2.32
Stornoway	50.9	3.63
Aberdeen	52.1	3.33
Shetland	48.0	2.40
York	50.2	2.35
Mullingdown	52.6	2.1
Holyhead	50.1	2.45
Parsonstown	50.8	2.67
Valentia	50.3	2.06
Sally (St Mary's)	52.0	2.40
Harst Castle	55.0	2.1
Dover	52.4	2.14
LONDON	53.5	1.97
Farmouth	51.7	1.37

*The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY 23rd AUGUST 1881 at 8 a.m.

During the past 24 hours a slight increase of pressure has taken place in the north of Scotland and over the greater part of Scandinavia, but elsewhere a decided though not brisk decrease has occurred and small shallow depressions are shown, one over the Bay of Biscay, the other over the south-west of England. A band of high pressure lies over the North Sea, while in the far north, a large depression is still shown. Moderate to strong N^w winds prevail over Scandinavia, light S^w breezes over France and the SE of England, and light E^z and N^w breezes in the north and west. The weather varies a good deal in different localities: in the East of Scotland, on the SE coast of England and S of Scandinavia it is fine, but elsewhere it is cloudy or dull, and rain is falling in the north-east of England, and in parts of Ireland and France. Temperature has risen somewhat in the East, changed irregularly elsewhere, and readings range from 64° at Hurst Castle to 48° at Kairn. The maxima yesterday were 70° at Cambridge and 71° in London. The sea is smooth except in the Skager Rack.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
24th AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light variable and E ^z breezes; cloudy, fair.
2 SCOTLAND EAST	-----D°-----D°-----D°-----
3 ENGLAND NE	Light NE ^z and E ^z breezes; cloudy, some rain.
4 ENGLAND EAST	Light breezes between S and E; cloudy and close; fair to rainy.
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	-----D°-----D°-----D°-----

DISTRICTS

FORECASTS

7 SCOTLAND WEST	NE ^z and N ^w breezes, light, cloudy, fair.
8 ENGLAND NW	E ^z and NE ^z breezes, light, cloudy, rain.
9 ENGLAND SW	Variable and E ^z breezes, light, dull, misty rain.
10 IRELAND NORTH	Light breezes between E and N, cloudy, slight rain.
11 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR 23rd AUGUST 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 3).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 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 ...	29.32	52	NE	2	0	29.36	-0.02	51	51	-	NE	2	0	*	55	?	0.28		
Hernösand ...	29.28	53	SW	2	0	29.39	+0.07	54	50	-1	WNW	4	0	*	64	50	0.16		
Stockholm ...	29.51	57	WNW	4	0	29.59	+0.07	56	52	+1	W	6	6	*	61	50	0.08		
Wisby ...	29.62	57	W	5	6	29.66	+0.04	54	50	0	WNW	8	6	*	61	54	-		
Bodö ...	29.41	55	Z	0	0	29.39	-0.02	53	52	-1	SW	2	0	1	57	50	0.04		
Christiansund ...	29.62	50	W	4	c	29.62	+0.05	52	48	+2	W	6	0	3	55	41	0.04		
† Skudesnaes ...	29.77	52	W	4	c	29.80	+0.03	53	50	0	W	4	2	4	59	52	-		
Oxö (Xiianauud) ...	29.74	54	WSW	4	bc	29.81	+0.07	54	51	0	W	4	6	2	59	48	-		
Skagen (The Skaw) ...	29.73	54	W	1	b	29.79	+0.06	56	50	-1	W	6	6	6	59	52	-		
Fanö ...	29.89	50	W	1	c	29.89	+0.05	59	56	-1	SSW	2	6	*	61	48	-		
Cuxhaven ...	29.84	?	WNW	2	b	29.93	+0.09	54	54	-4	S	1	f	*	?	46	-		
† Sumburgh Head ...	29.84	54	NW	2	bc	29.81	+0.01	52	51	+2	WNW	2	0	2	57	39	-		
† Stornoway ...	29.82	54	NW	2	b	29.82	+0.03	51	48	0	Z	0	6	1	57	40	-		
Wick ...	29.83	55	Z	0	b	29.84	+0.01	48	42	-4	Z	0	6	1	59	38	-		
Nairn ...	29.83	55	E	1	c	29.84	+0.01	52	49	-4	Z	0	6	0	62	59	0.03		
† Aberdeen ...	29.79	58	ESE	1	b	29.82	+0.03	53	51	+1	S	1	0	*	59	48	-		
Leith ...	29.79	56	E	2	c	29.80	+0.01	53	52	+1	NNE	1	0	2	59	49	0.11		
† Shields ...	29.82	57	SE	3	c	29.81	-0.01	56	55	+1	S	1	2	1	61	51	0.05		
Spurn Head ...	29.81	61	S	1	c	29.80	-0.01	54	53	+1	SSE	1	2	*	65	46	0.01		
York ...	29.83	62	S	1	c	29.78	-0.05	55	55	0	ESE	2	2	*	67	51	0.50		
Nottingham ...	29.81	60	WNW	3	b	29.79	-0.02	53	51	-2	ESE	2	0	2	62	48	-		
† Ardrossan ...	29.82	59	ESE	5	bc	29.79	-0.03	55	51	-4	E	1	6	1	63	51	-		
† Mullaghmore ...	29.82	55	N	3	bc	29.77	-0.05	53	52	-1	NE	3	0	1	60	52	-		
Donaghadee ...	29.73	60	E	1	c	29.75	+0.02	49	48	-1	NW	1	2	*	62	49	0.31		
Parsonstown ...	29.79	61	WNW	3	b	29.76	-0.03	55	54	-1	NE	3	0	2	65	52	-		
Barrow-in-Furness ...	29.80	58	N	3	bc	29.71	-0.09	58	57	-1	E	1	0	1	60	55	0.05		
† Holyhead ...	29.81	60	WNW	1	bc	29.72	-0.09	55	54	-1	E	2	f	1	63	52	0.06		
Liverpool (Bidston) ...	29.70	60	NNE	5	c	29.73	+0.03	52	51	-1	NNE	4	2	4	63	51	0.08		
† Valentia ...	29.70	56	ESE	5	2	29.67	-0.03	62	59	-3	SSE	2	6	4	62	52	0.75		
Roche's Point ...	29.75	58	ESE	3	2	29.66	-0.09	59	58	-1	S	1	m	1	62	55	0.40		
Pembroke ...	29.79	57	ESE	3	2	29.70	-0.09	60	60	0	SE	1	0	2	62	56	0.20		
† Scilly ...	29.85	61	E	3	c	29.72	-0.13	64	60	-4	SW	3	6	3	66	58	0.18		
Hurst Castle ...	29.83	60	SE	3	b	29.81	-0.02	62	58	-4	SSE	1	6	1	64	56	-		
† Dover ...	29.84	62	SW	2	bc	29.78	-0.06	60	57	-3	SE	2	0	*	71	56	0.07		
† London ...	29.85	59	SSW	1	0	29.74	-0.11	58	57	-1	SE	2	0	*	68	54	0.32		
Oxford ...	29.85	59	SW	1	6	29.77	-0.08	61	58	-3	S	1	0	*	70	54	0.02		
Cambridge ...	29.85	62	S	2	b	29.82	-0.03	61	59	-2	SSE	3	6	2	64	54	-		
† Yarmouth ...	29.90	58	W	1	b	29.89	+0.01	56	55	-1	S	1	6	1	68	50	-		
The Helder ...	29.91	61	SW	1	b	29.82	-0.09	58	56	-2	S	4	6	1	64	55	-		
Cape Gris Nez ...	29.86	63	SE	2	qcp	29.75	-0.11	61	60	-1	SW	2	2	2	67	59	0.05		
† Jersey ...	29.75	62	SSW	7	0	29.70	-0.05	60	59	-1	S	3	2	2	63	59	0.04		
Brest ...	29.81	65	S	4	c	29.69	-0.12	60	59	-1	S	3	2	3	68	57	0.32		
Lorient ...	29.87	69	NW	4	b	29.75	-0.12	64	61	-3	NE	1	0	0	81	57	-		
† Rochefort ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	29.92	64	S	1	bc	29.87	-0.05	52	50	-2	SSE	1	0	*	67	53	-		
Charleville ...	29.93	66	SW	4	c	29.86	-0.07	62	57	-5	SW	1	0	*	?	42	-		
Paris ...	29.85	75	NE	1	bc	29.85	-0.01	68	59	-9	N	1	2	*	82	61	-		
Lyons ...	29.88	70	ESE	5	b	29.86	-0.02	72	68	-4	E	5	6	4	73	66	-		
Toulon ...	29.88	70	ESE	5	b	29.86	-0.02	72	68	-4	E	5	6	4	73	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.59	52	SE	1	0	28.56	-0.02	50	50	-	ESE	2	2	*	62	44	0.17		

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

Hawes Junction	28.59	52	SE	1	0	28.56	-0.03	50	50	0	ESE	2	2	2	62	44	0.17
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.76	56	52	W	6	c	4	Valentia ...	29.74	61	56	NE	3	0	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.83	56	53	WNW	2	bc	2	Dover ...	29.89	63	59	SW	4	6	3
Aberdeen ...	29.83	55	52	E	1	2	1	London ...	29.87	63	59	SSW	2	c p	*
Shields ...	29.80	58	55	E	2	cm	3	Yarmouth ...	29.86	63	58	S	2	bc	3
Ardrossan ...	29.82	62	55	WNW	3	b	2	Jersey ...	29.90	63	61	SE	2	c	2
Mullaghmore ...	29.83	62	56	NNE	2	bc	1	Rochefort ...	29.89	78	68	SE	0	0	0
Holyhead ...	29.82	60	59	N	3	b	2	San Neri (1406 ft.) 9 AM on 22nd	28.32	36	34	Z	0	bc	42 12 33

Pressure is decreasing somewhat in the SE and SW, increasing in the N. Readings are very uniform and the wind very light; but the weather is cloudy and unsettled, and temperature ranges from 65° in the SE to 55° at Aberdeen.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale in, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) or 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 2 p.m. daily (Sundays excepted).
 † Remind to look for insertion in charts.



DAILY WEATHER REPORT

F O R

WEDNESDAY, 24TH AUGUST.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

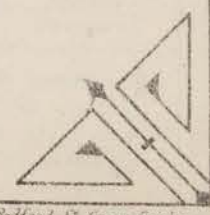
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ROBERT H. SCOTT

(SECRETARY.)



A hand-drawn map of the North Atlantic region, showing temperature and weather observations. The map includes labels for 'WARMER', 'LITTLE CHANGE', 'WARMER', 'COLDER', 'RATHER', 'Heavy and Thunder occurred in', 'rain', 'some places', 'fatten', 'lightning have', and 'Raining there'. It also features latitude lines for 60° and 70° and various numerical data points.

Key features and labels on the map:

- Temperature Labels:** 'WARMER' (multiple locations), 'LITTLE CHANGE', 'WARMER', 'COLDER', 'RATHER'.
- Weather Observations:** 'Heavy and Thunder occurred in', 'rain', 'some places', 'fatten', 'lightning have', 'Raining there'.
- Latitude Lines:** 60°, 70°.
- Data Points:** Numerous numerical values (e.g., 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) are scattered across the map, likely representing temperature readings.

REMARKS

for Wednesday 24th AUG 1882 at 8 a.m.

The shallow but somewhat complex depression which lay over our W. and S.W. districts yesterday has now reached the North Sea, and the winds has veered to NE. and N. over the N. half of the Kingdom, while it has become W. in the S. In force it is generally moderate, but the W. winds blow strongly in the eastern half of the Channel and in some parts of France. Temperature is uneasy; it has risen in the N., fallen in the S., and readings now range from between 57° and 59° on our south coast to 51° in Caithness. The maximum readings recorded yesterday were 71° in London, 65° and 67° on our SE. coast generally, but at York the maximum was only 59°, at Parnostown 58°, and at Wick 57°. Heavy rain has fallen in many parts of Great Britain, especially over the S. half of Scotland and N. of England; thunder and lightning have occurred over many parts of England. The sky has now cleared considerably in the S. and at some W. stations, but the general appearance is still very unsettled, and rain continues to fall at many of our more N. stations. The sea is moderate on our SW. S. and E. coasts, rough on the French side of the Channel, smooth in the far N.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

25th AUGUST.

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

E^{ly} winds, increasing in force; weather becoming unsettled and rainy.

6 SCOTLAND WEST

Wind backing towards SW. or S., moderate, then increasing; unsettled and becoming rainy.

1 SCOTLAND EAST

NE^{ly} winds, falling light, and afterwards varying greatly, rainy to fair but unsettled.

7 ENGLAND N.W.

-----D°-----D°-----D°-----

2 ENGLAND N.E.

-----D°-----D°-----D°-----

8 ENGLAND S.W.

Wind backing towards SW. or S. and increasing in force, with variable weather, some rain.

3 ENGLAND EAST

SW^{ly} to NW^{ly} winds, moderate to fresh, gusty, showery, cold at night.

9 IRELAND NORTH

-----D°-----D°-----D°-----

4 MIDLAND COUNTIES

NW^{ly} to W^{ly} winds, cloudy and showery then fair and cold at night.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

5 ENGLAND SOUTH

See also No 3

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR

24th AUGUST 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Fog. (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 ...	29.47	51	NW	2	0	29.51	+ .15	51	51	0	NW	2	0	*	59	50	0.24		
Hernösand ...	29.57	54	NW	4	0	29.68	+ .29	55	50	+ 1	WNW	2	0	*	59	48	—		
Stockholm ...	29.72	56	WNW	4	0	29.78	+ .21	56	52	0	WSW	2	0	*	61	52	—		
Wisby ...	29.74	56	NNW	4	0	29.78	+ .12	58	55	+ 4	W	2	0	*	63	54	—		
Bodö ...	29.50	52	WSW	4	0	29.48	— .21	51	49	— 2	WSW	4	0	3	55	50	—		
Christiansund...	29.73	52	WSW	6	0	29.71	+ .09	52	48	0	S	1	0	2	55	39	—		
†Skudesnaes ...	29.84	49	W	1	0	29.67	— .13	50	48	— 3	NNE	2	0	3	57	?	—		
Oxö (Christiansund)...	29.80	54	SW	4	0	29.69	— .12	50	48	— 4	N	2	0	1	57	46	—		
Skagen (The Skaw)	29.82	52	WSW	3	0	29.69	— .10	57	56	+ 1	ESE	3	0	3	61	48	—		
Fanö ...	29.80	55	E NE	4	0	29.49	— .40	58	57	— 1	E	6	0	*	64	52	0.04		
Cuxhaven ...	29.83	?	E	2	0	29.52	— .41	63	60	+ 9	S	4	0	*	63	52	—		
†Sumburgh Head																			
†Stornoway ...	29.74	53	E NE	4	0	29.71	— .10	55	53	+ 3	E	4	0	3	57	44	—		
Wick ...	29.78	56	SE	1	0	29.69	— .13	51	48	0	E	2	0	2	59	46	—		
Nairn ...	29.70	55	W	2	0	29.65	— .19	54	51	+ 6	E NE	3	0	2	58	46	—		
†Aberdeen ...	29.76	56	E	1	0	29.61	— .23	53	52	+ 1	NE	4	0	3	62	51	0.19		
Leith ...	29.73	55	E	2	0	29.56	— .26	52	52	— 1	E NE	3	0	*	56	49	1.12		
†Shields ...	29.67	54	E	2	0	29.46	— .34	53	52	0	N	4	0	4	56	51	0.75		
Spurn Head ...	29.64	53	SE	5	0	29.45	— .36	55	55	— 1	WSW	4	0	4	60	54	0.64		
York ...	29.63	56	SE	1	0	29.47	— .33	55	54	+ 1	WNW	1	0	*	59	52	1.10		
Nottingham ...	29.69	57	SSE	1	0	29.57	— .21	58	57	+ 3	WSW	4	0	*	61	52	1.37		
†Ardrossan ...	29.68	54	E	3	0	29.59	— .20	53	52	0	N	1	0	1	59	51	0.29		
†Mullaghmore ...	29.70	57	N	5	0	29.68	— .11	57	52	+ 2	WNW	5	0	4	63	52	—		
Donaghadee ...	29.66	55	N	4	0	29.61	— .16	55	53	+ 2	NNW	3	0	1	58	53	—		
Parsonstown ...	29.70	52	NNW	1	0	29.75	— .00	50	49	+ 1	W	1	0	*	54	43	0.24		
Barrow-in-Furness	29.61	58	NE	2	0	29.49	— .27	55	55	0	NW	3	0	2	60	54	0.61		
†Holyhead ...	29.60	60	NNW	2	0	29.63	— .08	53	52	— 5	W	5	0	4	63	53	—		
Liverpool (Bidston)	29.58	59	ESE	1	0	29.55	— .17	56	53	+ 1	W	5	0	4	62	55	0.13		
†Valentia ...	29.76	58	N	2	0	29.79	+ .06	55	54	+ 3	WSW	2	0	2	57	50	0.08		
Roche's Point...	29.68	56	NNW	4	0	29.81	+ .14	55	51	— 7	W	3	0	3	65	50	—		
Pembroke ...	29.69	59	WNW	2	0	29.69	+ .03	54	51	— 5	WNW	4	0	4	61	54	0.03		
†Scilly ...																			
Prawle Point ...	29.59	58	SW	1	0	29.78	+ .08	55	53	— 5	W	4	0	4	63	52	0.05		
Hurst Castle ...	29.66	62	WSW	2	0	29.71	— .01	58	56	— 6	WNW	6	0	4	66	55	0.40		
†Dover ...	29.60	63	E	2	0	29.65	— .16	59	56	— 3	W	5	0	3	67	56	0.36		
†London ...	29.59	59	ESE	2	0	29.65	— .13	56	54	— 4	W	3	0	*	71	53	0.28		
Oxford ...	29.57	55	W	0	0	29.63	— .11	55	53	— 3	WSW	4	0	*	64	51	0.45		
Cambridge ...	29.57	59	W	0	0	29.59	— .18	55	54	— 6	SW	1	0	*	70	52	0.31		
†Yarmouth ...	29.65	62	SW	4	0	29.53	— .29	57	55	— 4	WSW	4	0	2	65	55	0.05		
The Helder ...	29.66	63	E	1	0	29.50	— .39	60	58	+ 4	SW	2	0	2	66	55	0.79		
Cape Gris Nez ...	29.80	64	S	4	0	29.65	— .17	59	57	+ 1	W	7	0	4	72	52	0.39		
†Jersey ...	29.62	62	SW	4	0	29.84	+ .09	59	57	— 2	W	5	0	5	62	54	0.77		
Brest ...	29.62	58	N	3	0	29.88	+ .18	56	54	— 4	NW	4	0	4	64	55	0.08		
Lorient ...	29.54	60	W	8	0	29.86	+ .17	59	57	— 1	WNW	4	0	5	66	55	0.16		
†Rochefort ...	29.76	69	W	8	0	29.97	+ .22	65	59	+ 1	W	9	0	4	73	59	—		
Biarritz ...	29.88	70	NW	5	0	30.04	+ .29	64	61	— 1	W	4	0	4	75	59	0.04		
Corunna ...	*	*	*	*	*			*	*					*	*	*	*		
Brussels ...	*	*	*	*	*	29.69	— .18	58	55	— 1	SW	8	0	*	68	55	0.20		
Charleville ...	29.70	65	SE	3	0	29.78	— .09	58	53	+ 6	SSW	8	0	*	68	51	—		
Paris ...	29.72	64	SSE	3	0	29.87	+ .01	60	54	— 2	SW	5	0	*	*	*	0.04		
Lyons ...	29.67	87	WNW	7	0	29.99	+ .14	62	59	— 1	E	1	0	*	?	62	0.08		
Toulon ...	29.85	71	E	7	0	29.92	+ .06	71	63	— 1	E	3	0	5	73	66	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.41	52	SE	2	0	28.29	— .29	50	50	0	SSW	1	0	*	55	49	0.71		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudeanaes ...	29.84	57	52	W	2	e	3	Valentia ...	29.76	56	52	NNE	3	0	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.79	57	55	ESE	2	b	2	Dover ..	29.67	66	60	ESE	2	e.g	1
Aberdeen ...	29.81	57	53	SSE	1	e	1	London ...	29.69	66	62	SE	2	ogr	*
Shields ...	29.72	55	55	ESE	2	N	2	Yarmouth ...	29.73	64	61	SE	4	b	2
Ardrossan ...	29.73	55	53	E	3	N	2	Jersey ...	29.67	59	57	SE	3	0	3
Mullaghmore ...	29.70	55	53	E	3	N	2	Rocheport ...	29.76	67	64	NW	7	0	2
Holyhead ..	29.65	62	61	NNE	3	b	2	Ben Nevis (4469 ft.) 25.31 39 37 SSE 1 b						Max. Min. Rain	
								9 a.m. 23.3 41 33 0.0							

The shallow depression noticed in the W. and NW this morning is moving E. and the rainy weather has now extended to London. In Ireland the barometer has begun to rise and NE winds are beginning to spread over England from the W. The sea is smooth generally.

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 (bazy); 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

THURSDAY, 25TH AUGUST.

1881.


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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Thursday, 25th August.

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

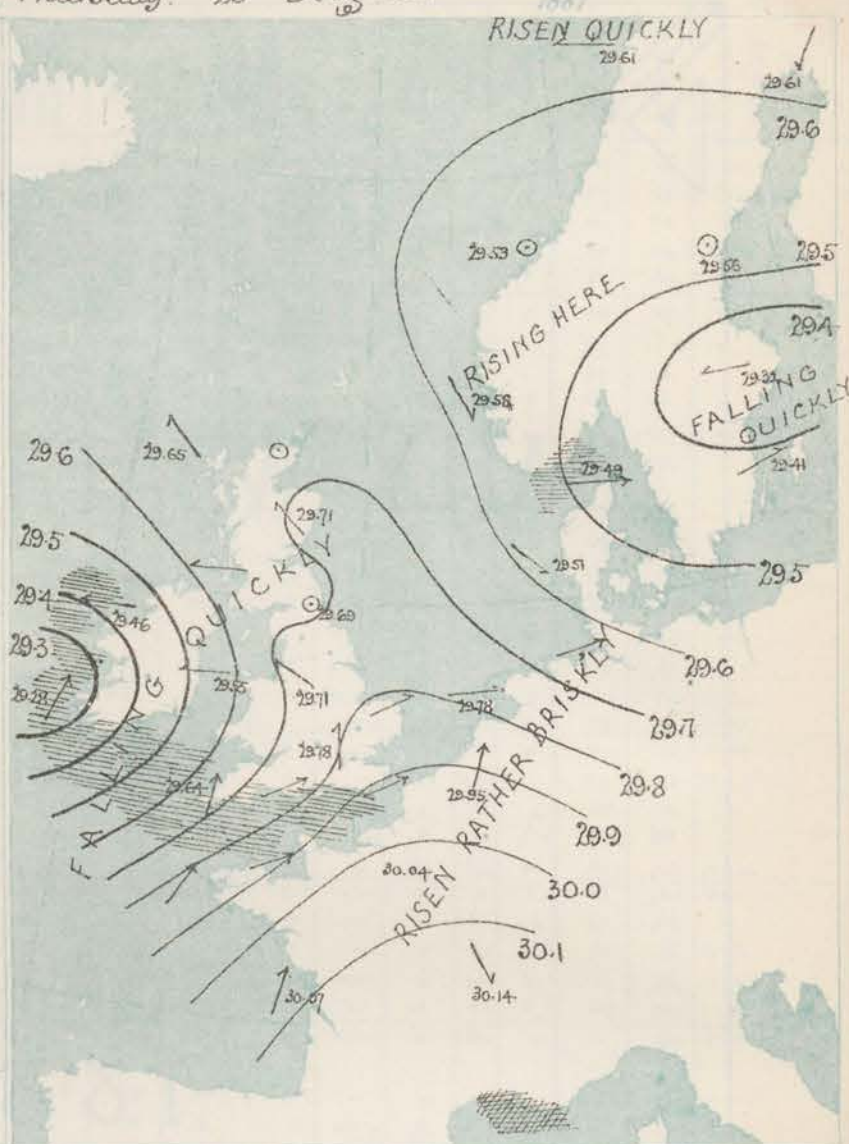
Wind Arrows show the prevalent winds.
They fly with the wind, and their barbs and feathers refer to force, thus:
— forces above 10; — forces 8 to 10;
— forces 5 to 7; — forces 1 to 4;
○ dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings in
Nairn	29.827
Aberdeen	29.863
Leith	29.891
Scarborough	29.914
Andrews	29.908
Greenock	29.909
Holyhead	29.939
Valencia	29.965
Recher P.	29.985
Plymouth	30.007
LONDON	29.988
Farmouth	29.968

These means are for the 10 years 1866-75.
A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain-fall
Sundergh Head	54.9	1.47
Swansea	54.9	1.87
Aberdeen	57.5	1.31
Shields	58.8	1.40
Kirk	60.2	1.25
Millingham	59.0	1.0
Holyhead	60.1	1.47
Farmington	59.6	1.65
Valencia	60.5	1.08
Sally (St. Mary's)	62.0	1.29
Hurst Castle	63.0	1.0
Dover	63.4	1.14
LONDON	63.5	1.97
Farmouth	61.7	1.72

The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 25th August 1881 at 12 a.m.

In the course of the past night a rather deep and well marked depression has come over Ireland from the Atlantic causing a fall of half an inch in the barometer at Valencia. This depression is extending quickly to England, and is apparently travelling in an Eth direction. The wind has become SWth all along our SW and S. coasts, and is increasing in force accompanied by rain and a very unsettled appearance, while in the N. and NW. the wind is SEth to Eth, light in force, and is accompanied by fair weather. Temperature has not changed much over Great Britain, but has risen in Ireland and readings range from between 57° and 59° on our S. and SW. coast to 50° at Wick. The sea is rough in the SW. and rather so in the Channel, smooth on our NE. coast and at Holyhead. As the depression moves Eth the wind is likely to increase considerably from SW. and W. on our S. and SW. coasts. The south cone has consequently been hoisted in those districts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26th AUGUST

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SE th to E th or NE th winds, light to fresh; becoming overcast gradually and then rainy.
2 SCOTLAND WEST	D th D th D th
3 ENGLAND NW	D th D th D th
4 ENGLAND SW	SW th and S th winds, increasing in force and veering again towards W; much rain, very unsettled.
5 IRELAND NORTH	D th D th D th
6 IRELAND SOUTH	D th D th D th
7 ENGLAND EAST	D th D th D th
8 MIDLAND COUNTIES	D th D th D th
9 ENGLAND SOUTH	D th D th D th
10 WALES	D th D th D th

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Same as N ^{os} 1 to 2.
2 SCOTLAND WEST	Same as N ^{os} 1 to 2.
3 ENGLAND NW	S th (SE-SW) winds, freshening; rainy. Wind perhaps shifting N th later on.
4 ENGLAND SW	SW th winds, strong, squally, rainy, unsettled.
5 IRELAND NORTH	E th to NE th winds, moderate, rainy.
6 IRELAND SOUTH	Same as N ^o 8.
7 ENGLAND EAST	Same as N ^o 8.
8 MIDLAND COUNTIES	Same as N ^o 8.
9 ENGLAND SOUTH	Same as N ^o 8.
10 WALES	Same as N ^o 8.
WARNINGS	South cone is flying in districts N ^{os} 5 & 8.

METEOROLOGICAL OBSERVATIONS FOR 25th AUGUST 1881.

† YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 59° 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.		Reading at 59° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force.			Max.	Min.						
Haparanda ...	29.57	51	2.	0	0	29.61	+ .10	53	52	+ 2	NE	2	0	*	54	50	0.24					
Hernösand ...	29.69	53	2.	0	0	29.70	+ .12	52	49	- 3	2.	0	0	*	65	46	-					
Stockholm ...	29.61	51	2.2E	1	0	29.58	- .46	53	53	+ 3	E	2	N	*	64	50	0.63					
Wisby ...	29.53	55	2.2E	0	0	29.47	- .37	58	56	0	WSW	4	0	*	64	52	0.24					
Bodö ...	29.61	51	1.2W	1	0	29.61	+ .43	53	49	- 4	E	2	0	*	55	46	0.08					
Christiansund...	29.61	51	1.	1	0	29.53	- .18	51	49	- 2	SW	1	0	2	55	50	-					
†Skudesnaes ...	29.53	51	1.2W	4	0	29.58	- .09	54	49	+ 4	1.2W	4	0	3	61	?	-					
Oxö (Stiansund)...	29.49	52	1.2W	4	0	29.53	- .16	55	52	+ 5	1.2W	2	0	2	?	50	0.12					
Skagen (The Skaw)	29.44	52	2.2E	4	0	29.49	- .20	55	52	- 2	2W	4	0	5	57	50	0.20					
Faro ...	29.51	58	1.	5	0	29.51	+ .02	58	57	0	1.2W	4	0	*	63	54	0.35					
Cuxhaven ...	29.58	64	1.2W	6	0	29.75	+ .23	56	55	- 1	WSW	7	0	*	64	54	0.26					
†Sumburgh Head																						
†Stornoway ...	29.67	54	1.2E	4	0	29.65	- .06	53	52	- 2	SE	3	0	3	57	43	-					
Wick ...	29.80	55	1.2E	2	0	29.68	- .01	50	49	- 1	2.	0	0	0	60	42	-					
Nairn ...	29.68	53	2.	0	0	29.67	+ .02	52	50	- 2	2.	0	0	0	56	45	-					
†Aberdeen ...	29.66	55	1.2E	3	0	29.71	+ .10	52	50	- 2	SE	1	0	2	57	46	-					
Leith ...	29.67	52	1.	1	0	29.68	+ .12	54	51	+ 2	1.2E	1	0	*	54	49	0.48					
†Shields ...	29.59	52	1.2W	6	0	29.69	+ .23	57	50	- 7	2.	0	0	3	55	47	0.71					
Spurn Head ...	29.59	56	1.2W	5	0	29.76	+ .31	54	52	- 2	SE	2	0	2	60	51	0.06					
York ...	29.53	55	1.	2	0	29.74	+ .27	51	49	- 2	SE	1	0	*	59	44	0.19					
Nottingham ...	29.73	57	1.2W	3	0	29.71	+ .14	51	51	- 2	1.2E	2	0	*	62	43	0.01					
†Ardrossan ...	29.69	54	1.	0	0	29.63	+ .04	52	50	- 2	1.	3	0	2	56	49	0.29					
†Mullaghmore ...	29.72	58	1.	2	0	29.46	- .22	53	51	- 2	1.	5	0	4	60	42	-					
Donaghadee ...	29.75	53	1.2W	5	0	29.58	- .03	54	53	- 1	SE	1	0	2	55	41	0.09					
Parsonstown ...	29.74	60	1.2W	1	0	29.34	- .41	53	54	+ 5	1.	1	0	*	63	50	0.47					
Barrow-in-Furness	29.67	55	1.2W	4	0	29.71	+ .12	56	55	- 1	1.2E	4	0	3	58	50	0.25					
†Holyhead ...	29.74	58	1.2W	3	0	29.55	- .08	54	54	+ 1	1.	3	0	2	61	53	0.20					
Liverpool (Bidston)	29.72	57	1.	4	0	29.63	+ .08	51	50	- 1	1.2E	3	0	3	59	48	0.07					
†Valentia ...	29.75	58	1.2W	2	0	29.28	- .51	59	58	- 1	1.2W	6	0	6	61	54	0.70					
Roche's Point...	29.75	61	1.	4	0	29.35	- .46	59	59	+ 4	1.	6	0	5	66	50	0.64					
Pembroke ...	29.80	59	1.2W	5	0	29.49	- .20	58	58	+ 4	1.	6	0	4	60	54	0.33					
†Scilly ...																						
Prawle Point ...	29.90	57	1.	4	0	29.71	- .07	57	57	+ 2	1.	5	0	5	62	55	0.29					
Hurst Castle ...	29.84	58	1.2W	6	0	29.79	+ .08	58	57	- 1	1.2W	6	0	5	65	56	0.15					
†Dover ...	29.79	60	1.2W	4	0	29.85	+ .20	59	58	0	1.2W	4	0	3	64	55	0.12					
†London ...	29.79	60	1.	3	0	29.78	+ .13	58	58	+ 2	1.	2	0	*	65	51	0.07					
Oxford ...	29.82	54	1.	2	0	29.72	+ .09	57	56	+ 2	1.2E	1	0	*	62	51	0.09					
Cambridge ...	29.75	58	1.	2	0	29.76	+ .17	56	56	+ 1	1.	1	0	*	65	46	0.08					
†Yarmouth ...	29.68	58	1.	4	0	29.81	+ .29	56	54	- 2	1.2W	1	0	2	69	49	0.19					
The Helder ...	29.64	60	1.2W	5	0	29.78	+ .18	58	54	- 4	1.	4	0	4	64	57	0.04					
Cape Gris Nez	29.82	60	1.2W	1	0	29.92	+ .27	60	57	- 3	1.2W	7	0	5	72	54	0.28					
†Jersey ...	30.00	59	1.	5	0	29.89	+ .05	60	59	- 1	1.	6	0	5	62	57	0.19					
Brest ...	30.01	60	1.2W	4	0	29.86	- .02	60	59	+ 4	1.	5	0	4	63	?	0.08					
Lorient ...																						
†Rochefort ...	30.10	65	1.2W	8	0	30.09	+ .10	66	61	- 5	1.2W	7	0	0	70	59	-					
†Biarritz ...	30.15	67	1.	4	0	30.09	+ .05	67	62	- 5	1.2E	4	0	3	72	50	-					
†Corunna ...	*	*	*	*	*	30.09	- .05	63	*	0	1.2W	1	0	1	*	*	*					
Brussels ...	*	*	*	*	*	29.95	+ .26	56	53	- 3	1.	7	0	*	66	52	0.04					
Charleville ...	29.88	61	1.	3	0	30.02	+ .24	53	50	- 3	1.2E	4	0	*	75	47	-					
Paris ...	29.96	64	1.2W	7	0	30.04	+ .17	58	54	- 4	1.	4	0	*	*	*	0.08					
Lyons ...	30.02	74	1.2W	3	0	30.14	+ .15	58	57	- 1	1.2W	1	0	*	73	52	-					
Toulon ...	29.93	78	1.	5	0	?	?	64	57	- 7	?	8	0	?	?	63	-					
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.42	51	1.2W	1	0	28.47	+ .20	47	46	- 1	1.2E	2	0	*	54	42	0.24					

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

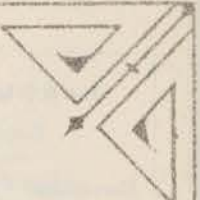

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.									
Skudeannaes ...	29.60	60	52	NW	2	0	2	Valentia ...	29.73	58	55	SSW	4	0 p	4									
Sumburgh Head								Scilly ...																
Stornoway ...	29.67	56	55	ENE	3	6	3	Dover ..	29.73	62	59	WSW	5	0 p	3									
Aberdeen ...	29.62	57	54	ENE	4	0	4	London ...	29.73	63	59	W	4	0	*									
Shields ...	29.51	54	53	N	4	0	4	Yarmouth ...	29.62	58	56	W	4	0 huy	2									
Ardrossan ...	29.65	58	54	NW	1	0	1	Jersey ...	29.95	61	56	W	6	0 v	5									
Mullaghmore ...	29.72	59	54	W	3	6 v	2	Rochefort ...	30.04	63	60	WSW	9	0	4									
Holyhead ...	29.72	60	59	W	4	6	3	Ben Nevis (4000 ft.) 9 A.M. to 2 P.M.								28.16	37	37	NE	2	0	Made 42	Min. 36	Range 0.01

The depression over the North Sea appears to be moving E. very slowly, rain and hail squalls are still reported from our E. stations. A smart thunderstorm passed over London soon after one p.m., since which time the sky has been clearing. A new depression appears to be approaching Ireland slowly from the Atlantic.

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 (hozy) or 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 3 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received too late for insertion in charts.



DAILY WEATHER REPORT

FOR

FRIDAY, 26TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10^s/ per quarter.*
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Friday 26th AUGUST 1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch.
Changes in height of barometer since previous morning are stated in words.

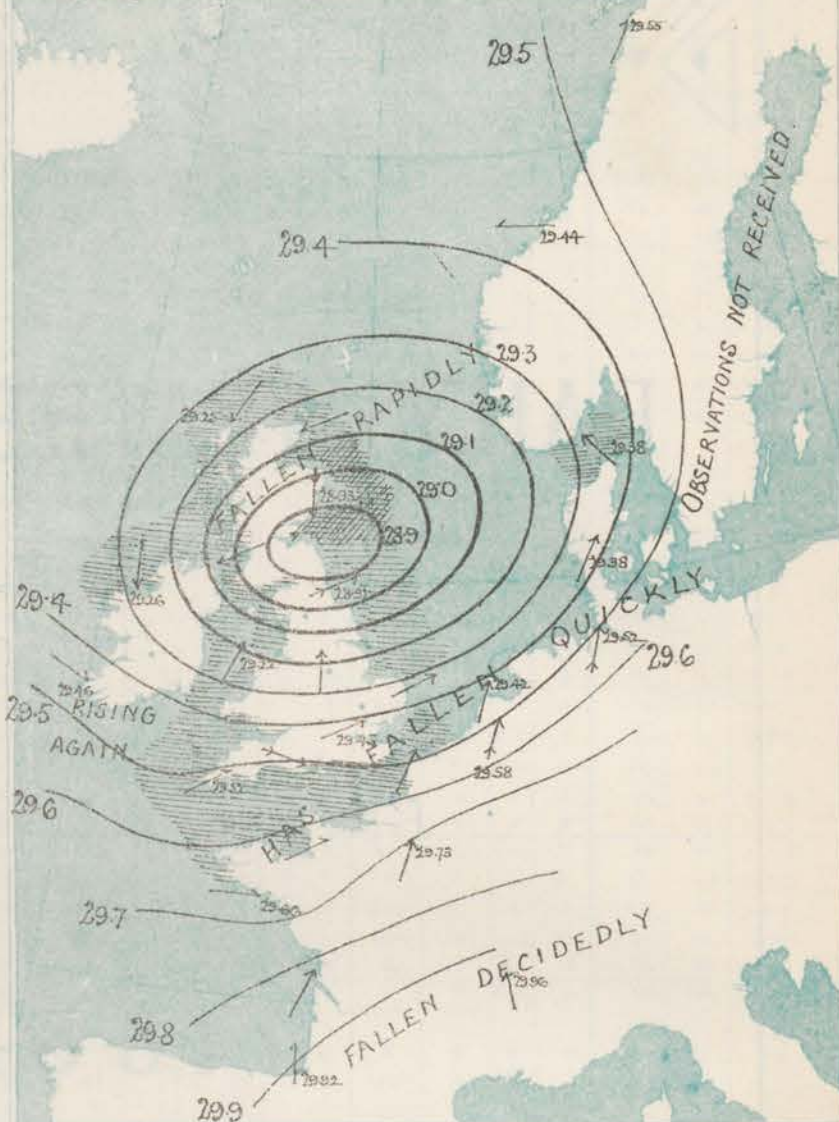
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
— force above 10; — force 8 to 10;
— force 5 to 7; — force 1 to 4;
⊙ = dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast thus: Rough; High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings Inches
Suern	29.855
Aberdeen	29.803
Leith	29.791
Scarborough	29.854
Androsian	29.902
Greenwich	29.809
Holyhead	29.839
Valentia	29.903
Roches Pt.	29.985
Plymouth	29.807
LONDON	29.888
Wormouth	29.968

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp.	Rain fall
Sandburgh Head	54.4	2.37
Suern	54.9	2.83
Aberdeen	57.5	0.23
Shetland	58.6	2.06
York	60.7	1.37
Malborough	59.0	?
Holyhead	60.1	2.45
Portsmouth	59.6	2.43
Valentia	60.3	2.08
Sally (St Mary's)	62.0	2.20
Hurst Castle	63.0	?
Dover	62.4	2.11
LONDON	63.5	1.99
Wormouth	61.7	1.77

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for FRIDAY, 26TH AUGST 1881, at 8 a.m.

The well-marked depression which came over Ireland from the Atlantic yesterday has moved steadily in an ENE^{ly} direction, and apparently grows deeper during its progress. Its centre is now not far from Berwick, and the barometer has fallen below 29 ins. over the extreme north eastern counties of England and the southern half of Scotland. NE^{ly} gales have set in at the Scotch stations, while a N^{ly} gale prevails in the north of Ireland, and stiff WNW^{ly} gales in the north of England. Over the more southern parts of England the wind is strong and squally from between SW and W but in the south of Ireland, after blowing strongly, it has lulled to a light breeze. Temperature has risen at the English stations, fallen slightly in the north. Very large quantities of rain have fallen over our northern and north western districts, and in many places the fall continues. More than an inch was measured this morning at Aberdeen, Adrosans, Mullaghmore, Barrow in. Fairness and Holyhead, and more than two inches at Haue Junction; while from two to five tenths of an inch fell at stations over the south of England. The weather remains in an exceedingly changeable, unsettled condition generally. The sea is very high at Aberdeen, rough generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

27TH AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	NE ^{ly} to N ^{ly} gales and strong winds, moderating later; squally, rainy, cold.
2 SCOTLAND EAST	—
3 ENGLAND N.E.	W ^{ly} to NW ^{ly} winds, a gale to a fresh breeze, squally, showery, cold at night.
4 ENGLAND EAST	Wind varying between WNW and SW, strong to moderate; squally, some showers.
5 MIDLAND COUNTIES	Same as no. 2.
6 ENGLAND SOUTH	Same as no. 3.

6 SCOTLAND WEST	Wind chiefly NW ^{ly} , a gale to a strong breeze; squally, showery.
7 ENGLAND N.W.	—
8 ENGLAND S.W.	Same as no. 3.
9 IRELAND NORTH	Same as nos 6 and 7.
10 IRELAND SOUTH	W ^{ly} to NW ^{ly} , and perhaps N ^{ly} , winds, moderate to strong; unsettled, some rain.
WARNINGS	The South Cone was hoisted yesterday on all our coasts and is still up.

METEOROLOGICAL OBSERVATIONS FOR

26th AUGUST

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö	29.52	53	NNE	2	b	29.55	-0.06	50	48	0	SSW	2	c	2	59	43			
Christiansund	29.62	49	WSW	2	bc	29.44	-0.09	51	49	0	E	2	b	2	?	38	0.04		
†Skudesnaes																			
Örö (Xmasund)																			
Skagen (The Skaw)	29.64	54	WSW	3	b	29.38	-1.1	57	57	+2	SE	6	A	5	64	52	0.47		
Fanö	29.64	55	S	4	A	29.38	-1.3	61	61	+3	SW	6	A	5	63	54	0.79		
Cuxhaven	29.75	?	WSW	2	0	29.52	-2.3	61	60	+5	SSW	6	A	*	61	54	0.20		
†Sumburgh Head																			
†Stornoway	29.44	57	E	4	b	29.25	-1.40	50	50	-3	ENE	6	A	5	57	45	0.08		
Wick	29.53	54	ESE	4	c	29.15	-1.53	49	49	-1	ENE	7	A	5	60	49	0.35		
Nairn	29.43	56	ESE	3	bc	29.09	-1.58	50	49	-2	NE	7	A	6	62	48	0.60		
†Aberdeen	29.47	51	E	5	A	28.93	-1.78	51	50	-1	N	8	A	8	59	49	1.56		
Leith	29.39	51	E	8	A	28.88	-1.80	52	52	-2	E	2	A	*	54	48	0.83		
†Shields	29.25	52	ESE	8	A	28.92	-1.77	55	51	+3	WSW	8	0	3	35	47	0.60		
Spurn Head	29.36	58	S	6	A	29.17	-1.59	59	54	+5	SSW	8	bc	5	62	54	0.52		
York	29.29	60	S	3	A	29.10	-1.64	55	51	+4	SW	7	C	*	61	49	0.70		
Nottingham	29.35	62	SSE	6	A	29.25	-1.46	59	54	+8	S	6	0	*	63	50	0.50		
†Ardrossan	29.22	50	ENE	6	A	28.91	-1.72	52	51	0	ENE	6	A	4	56	49	1.12		
†Mullaghmore	29.10	52	E	7	A	29.26	-1.20	52	50	-1	N	7	ogp	6	56	50	1.16		
Donaghadee	29.11	53	ESE	6	A	29.08	-1.53	52	51	-2	NW	6	0	6	56	51	0.74		
Parsonstown	29.07	60	S	1	A	29.34	-0.0	54	51	-1	N	3	0	*	62	50	0.41		
Barrow-in-Furness	29.09	58	SSW	4	A	29.01	-1.70	54	52	-2	SSW	8	0A	6	59	50	1.66		
†Holyhead	29.20	59	SSW	4	m	29.22	-1.33	54	54	0	SW	6	Cg	5	60	52	1.17		
Liverpool (Bidston)	29.23	62	SSW	3	0	29.19	-1.44	54	51	+3	WSW	5	C	4	63	51	0.64		
†Valentia	29.19	57	WNW	5	0	29.46	+1.18	57	55	-2	WNW	2	om	2	62	51	0.10		
Roche's Point	29.17	59	WSW	7	0	29.41	+1.06	56	53	-3	N	3	bc	4	62	52	0.18		
Pembroke	29.26	60	SW	7	c	29.36	-1.13	57	53	-1	N	5	c	6	60	56	0.11		
†Scilly																			
Prawle Point	29.50	60	SSW	7	A	29.51	-1.20	57	56	0	SW	5	C	6	60	55	0.20		
Hurst Castle	29.54	60	WSW	0	A	29.47	-1.32	60	58	+2	WNW	7	bc	6	62	58	0.34		
†Dover	29.67	61	SW	6	0	29.46	-1.39	62	60	+4	W	5	b	4	63	59	0.48		
†London	29.53	60	SSW	5	ogd	29.45	-1.33	62	56	+4	WSW	6	bc	*	63	57	0.30		
Oxford	29.42	61	SSW	4	A	29.39	-1.33	59	55	+2	SSW	4	bc	*	62	56	0.46		
Cambridge	29.51	60	S	2	A	29.35	-1.41	60	57	+4	SW	3	b	*	62	54	0.36		
†Yarmouth	29.54	60	SSW	6	A	29.35	-1.46	62	58	+6	WSW	5	bc	4	62	53	0.16		
The Helder	29.61	54	S	3	A	29.42	-1.36	62	60	+4	SSW	5	0	4	63	57	0.24		
Cape Gris Nez	29.67	61	SSW	8	A	29.49	-1.43	63	63	+3	SSW	5	A	5	64	55	0.51		
†Jersey	29.69	62	SW	7	0	29.62	-1.27	61	60	+1	WSW	7	bc	6	64	57	0.44		
Brest	29.70	61	WSW	7	A	29.68	-1.18	59	59	-1	N	5	0	5	63	54	0.39		
Lorient	29.76	63	SW	8	m	29.66	-1.10	62	61	-1	N	4	C	2	66	61	0.08		
†Rocheport	29.96	68	SW	7	bc	29.86	-1.21	63	66	+2	SW	7	A	2	73	61			
Biarritz	30.01	73	N	3	b	29.92	-1.17	64	61	+7	S	3	b	3	79	52			
Corunna																			
Brussels																			
Charleville	29.75	62	SSW	4	0	29.73	-1.29	62	56	+9	SSW	4	bc	*	68	?			
Paris	29.89	68	SSW	7	0	29.73	-1.31	63	62	+5	SSW	7	0	*	*	*	0.08		
Lyons	29.98	71	NE	1	b	29.96	-1.18	62	54	+4	SSW	1	b	*	77	54			
Toulon																			

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

Hawes Junction	28.05	49	E	3	A		27.80	-1.67	48	47	+1	WSW	9	A		56	45	2.82
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.63	57	52	WNW	4	0	2	Valentia ...	29.16	61	59	SSW	6	omq	6
Sumburgh Head								Scilly ...							
Stornoway ...	29.53	57	56	ENE	5	6	5	Dover ...	29.74	61	59	WSW	5	ogp	4
Aberdeen ...	29.61	55	52	SE	4	2	3	London ...	29.64	63	61	SSW	6	ogp	0
Shields ...	29.52	51	50	SE	6	2	4	Yarmouth ...	29.67	60	59	SSW	4	2	4
Ardrossan ...	29.41	54	51	E	5	2	3	Jersey ...	29.79	62	60	SW	7	2	5
Mullaghmore ...	29.22	52	52	ENE	7	2	5	Rocheport ...	30.04	72	64	SW	7	bc	3
Holyhead ...	29.22	60	59	SSW	4	2	3	Ben Nevis (Hobbs)	25.13	26	26	SSW	5	0	Max 38 Min 24 Rain 0.03

The depression in the W. is still moving E. The wind is rising quickly from SW. and W. in the S. from SE. and E. in the N. with much rain, a rising sea and a very unsettled appearance. All our coasts are warned.


EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; a. 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 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SATURDAY, 27TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { *Delivered by hand in City or at West End 10³/₄ per quarter.*
D^o D^o Bookpost 5³/₄ D^o



ROBERT H. SCOTT
(SECRETARY.)



Fred^k Dargorfield, Lich 22, Bedford St Green Garden

WEATHER CHARTS

for 8 a.m. on Saturday. 27th August. 1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4.

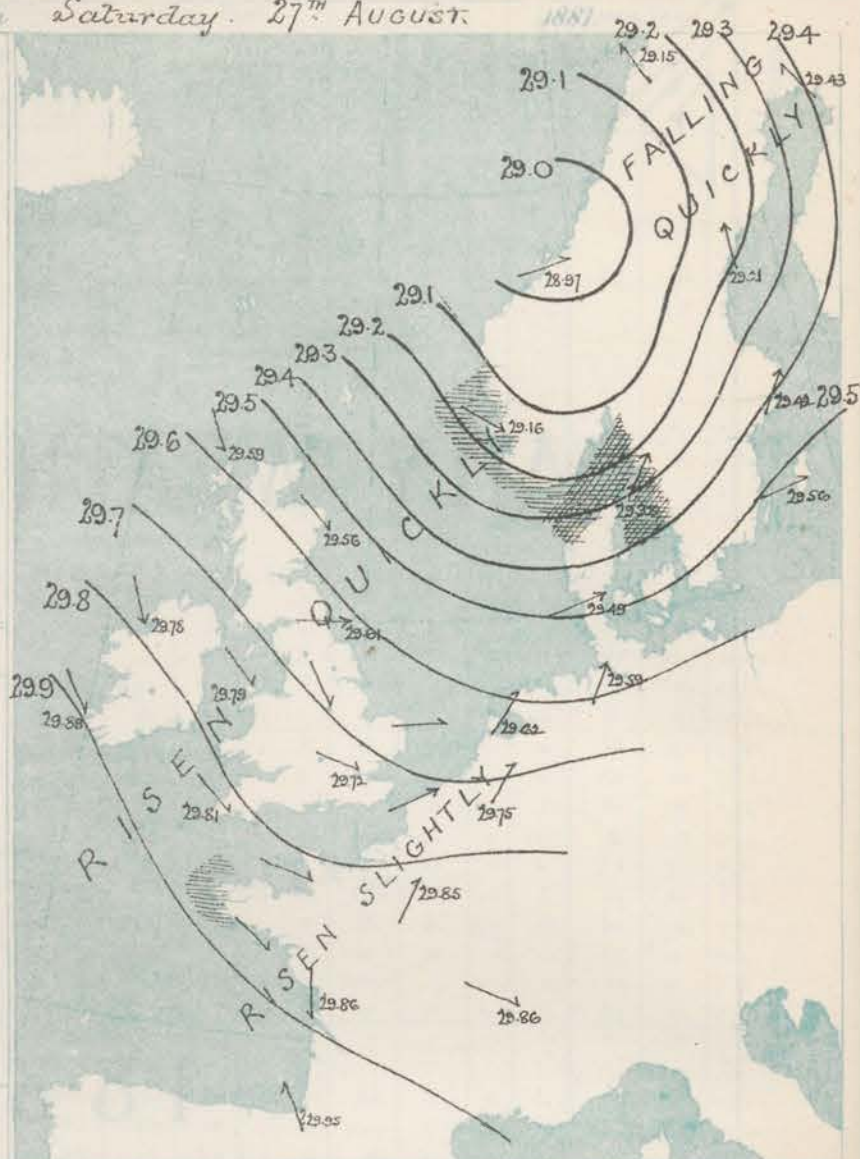
☉ = dead calm.

Sea Disturbance, where considerable is shown by shading round the coast: Blue = Rough; Grey = High.

MEAN* HEIGHT of the BAROMETER for the month of August

Stations.	Mean Readings, Ins.
Nairn	29.833
Aberdeen	29.863
Leith	29.891
Scarborough	29.934
Ardrrossan	29.908
Greenock	29.909
Holyhead	29.939
Valentia	29.905
Roche's Pt.	29.985
Plymouth	30.007
LONDON	29.988
Farmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

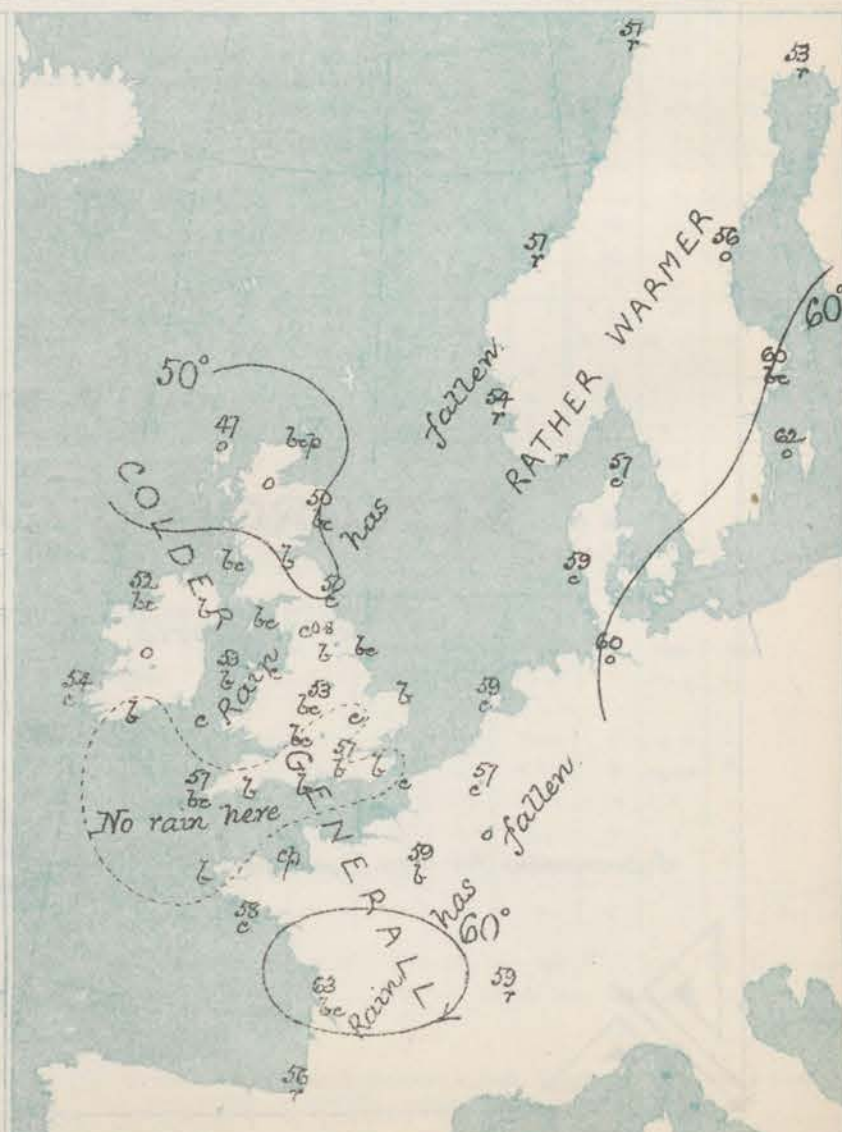
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of August

Stations.	Temp.	Rain-fall
Sumburgh Head	54.4	2.32
Sornsey	54.9	3.87
Aberdeen	57.5	3.23
Shetland	58.9	7.40
York	60.2	2.37
Millinghamore	59.0	2
Holyhead	60.1	2.47
Portsmouth	59.6	3.53
Valentia	60.3	4.08
Sally (St Mary's)	62.0	7.20
Harbour Castle	63.0	2
Dover	62.4	2.14
LONDON	63.5	1.97
Farmouth	61.7	1.77

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SATURDAY, 27TH AUGUST 1881, at 8 a.m.

The depression of yesterday has now reached Norway, and a considerable recovery of pressure has taken place over our Islands, accompanied by a veering and lulling of the winds, a fall of temperature, and a considerable improvement in the weather.

Barometric readings now vary from 29.9 ins. at Valentia to 29.0 ins. at Christiansund; the gradients over the United Kingdom are slight, but there are some very shallow subsidiary disturbances shown, which frequently appear in the rear of larger depressions, and are usually accompanied by somewhat showery weather.

The barometer still rises on all our coasts. The sea has gone down, and is moderate or slight generally, but runs high in the Skager Rack, and is rough off the west of Norway.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

28TH AUGUST

ISSUED AT 11 a.m. on previous day

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NW ^{ly} and W ^{ly} breezes, light at first, but perhaps freshening later. Showery to fair. Unsettled.	6 SCOTLAND WEST	NW ^{ly} winds, moderate; showery to fair, perhaps backing towards morning.
2 SCOTLAND EAST	D° D° D°	7 ENGLAND NW	D° D° D°
3 ENGLAND NE	NW ^{ly} breezes, moderate or light; showery to fair. Night sharp.	8 ENGLAND SW	D° D° D°
4 ENGLAND EAST	D° D° D°	9 IRELAND NORTH	NW ^{ly} breezes, moderate; fair on the whole. Cold night inland.
5 MIDLAND COUNTIES	D° D° D°	10 IRELAND SOUTH	D° D° D°
6 ENGLAND SOUTH	W ^{ly} and NW ^{ly} breezes, moderate; smart showers in daytime. Cold and clear at night.	WARNINGS	The Signals have been lowered on all coasts.

METEOROLOGICAL OBSERVATIONS FOR 27th AUGUST 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.56	53	2	0	6	29.43	- 0.7	52	52	+ 4	SE	4	N	*	61	45	-		
Hernösand ...	29.47	54	3	4	0	29.31	- 0.40	56	55	+ 4	S	6	0	*	64	41	0.39		
Stockholm ...	29.48	55	SE	4	N	29.42	- 0.24	60	58	+ 4	SW	6	bc	*	63	46	0.08		
Wisby ...	29.63	56	WSW	6	N	29.56	- 0.12	62	59	+ 6	WSW	6	0	*	63	55	0.20		
Bodö ...	29.39	53	NE	2	6	29.15	- 0.40	51	48	+ 1	SE	2	N	1	55	48	0.04		
Christiansund ...	29.02	55	E	2	0	28.97	- 0.47	51	50	0	WSW	4	N	2	63	43	0.12		
† Skudesnaes ...	28.93	55	SE	2	N	29.16	+ 0.2	54	53	0	WNW	7	N	5	59	54	-		
Oxö (Xiansund) ...	29.13	58	S	6	0	29.18	- 0.7	56	55	- 1	SEW	6	N	1	59	54	0.32		
Skagen (The Skaw) ...	29.30	59	SW	9	6	29.32	- 0.6	57	54	0	SW	8	E	8	63	55	0.28		
Fanö ...	29.41	51	WSW	6	6	29.49	+ 0.11	59	55	- 2	WSW	6	E	*	64	55	0.08		
Cuxhaven ...	29.49	?	SW	4	N	29.59	+ 0.7	60	58	- 1	SW	5	0	*	68	57	0.05		
† Sumburgh Head																			
† Stornoway ...	29.45	49	NNE	5	0	29.59	+ 0.34	47	46	- 3	NNW	3	0	3	53	42	0.07		
Wick ...	29.28	48	N	6	0	29.52	+ 0.37	47	46	- 2	NW	2	bc	2	51	41	0.20		
Nairn ...	29.36	49	NE	4	0	29.58	+ 0.49	47	45	- 3	NNW	3	0	3	50	43	0.31		
† Aberdeen ...	29.21	52	NNW	8	0	29.56	+ 0.63	50	46	- 1	NW	4	bc	4	53	42	0.22		
Leith ...	29.31	53	NW	1	0	29.62	+ 0.74	50	46	- 2	NW	1	6	*	55	46	0.05		
† Shields ...	29.14	53	NW	3	N	29.61	+ 0.69	50	47	- 5	W	5	E	3	57	45	0.15		
Spurn Head ...	29.31	57	WSW	7	E	29.65	+ 0.48	52	49	- 7	NW	3	bc	4	64	49	0.15		
York ...	29.32	55	WSW	5	bc	29.67	+ 0.57	51	49	- 4	WNW	1	6	*	61	47	0.29		
Nottingham ...	29.41	56	NW	4	6	29.70	+ 0.45	53	52	- 6	NNW	1	bc	*	67	47	0.10		
† Ardrossan ...	29.38	52	NW	2	g p	29.68	+ 0.77	51	48	- 1	NW	4	bc	2	55	46	0.16		
† Mallaghmore ...	29.52	53	NNW	6	0	29.78	+ 0.52	52	47	0	NNW	5	bc	4	57	49	0.21		
Donaghadee ...	29.42	52	NW	5	N	29.73	+ 0.70	53	49	+ 1	SW	2	6	0	53	46	0.21		
Parsonstown ...	29.55	57	W	2	bc	29.83	+ 0.49	51	48	- 3	NW	1	0	*	61	45	0.02		
Barrow-in-Furness ...	29.34	53	N	3	N	29.67	+ 0.66	49	48	- 5	NNW	3	bc	3	56	47	0.36		
† Holyhead ...	29.44	54	WNW	6	g p	29.79	+ 0.57	53	52	- 1	NW	4	6	3	58	49	0.25		
Liverpool (Bidston) ...	29.38	52	W	5	0	29.71	+ 0.52	51	48	- 3	W	1	E	3	58	48	0.41		
† Valentia ...	29.65	57	NNW	3	bc	29.89	+ 0.43	54	50	- 3	NNW	3	E	4	64	49	0.10		
Roche's Point ...	29.58	59	NNW	4	bc	29.84	+ 0.43	53	49	- 3	NW	3	6	3	63	49	-		
Pembroke ...	29.49	59	WSW	4	bc	29.75	+ 0.39	53	50	- 4	NW	3	E	3	61	51	-		
† Scilly ...																			
Prawle Point ...	29.60	57	WSW	4	bc	29.77	+ 0.26	59	55	+ 2	NW	3	6	2	61	48	-		
Hurst Castle ...	29.53	60	W	7	bc	29.73	+ 0.26	57	54	- 3	NW	3	6	4	63	52	-		
† Dover ...	29.53	61	WSW	5	6	29.71	+ 0.25	60	56	- 3	W	3	6	2	64	53	-		
† London ...	29.50	59	WSW	6	24	29.72	+ 0.27	57	52	- 5	NNW	2	6	*	70	49	0.08		
Oxford ...	29.53	56	WSW	2	E	29.70	+ 0.31	54	51	- 5	WSW	1	bc	*	66	48	-		
Cambridge ...	29.45	60	SW	1	6	29.70	+ 0.35	54	51	- 6	W	1	E	*	69	45	-		
† Yarmouth ...	29.42	62	WSW	5	6	29.66	+ 0.31	54	51	- 8	W	4	6	2	69	48	0.01		
The Helder ...	29.47	62	SW	5	bc	29.62	+ 0.20	59	54	- 3	SW	3	E	3	66	59	-		
Cape Gris Nez ...	29.58	60	WSW	7	6	29.72	+ 0.23	58	55	- 5	WSW	7	E	4	64	55	0.16		
† Jersey ...	29.68	60	W	7	bc	29.80	+ 0.18	56	54	- 5	NNW	4	ep	4	66	55	0.03		
Brest ...	29.74	60	NNW	5	6	29.84	+ 0.16	57	54	- 2	N	3	6	5	60	56	-		
Lorient ...	29.76	62	W	5	E	29.77	+ 0.11	58	55	- 4	WNW	4	E	4	68	54	0.04		
† Rochefort ...	29.82	65	W	7	N	29.86	0.00	63	60	- 5	N	3	bc	2	73	57	0.28		
Biarritz ...	29.85	70	N	7	0	29.95	+ 0.03	56	55	- 8	SSE	3	N	4	81	52	0.16		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	29.75	+ 0.17	57	55	- 7	SW	3	E	*	70	55	0.24		
Charleville ...	29.82	61	SSW	7	0	29.78	+ 0.05	57	53	- 5	SW	3	0	*	77	54	-		
Paris ...	29.71	63	SW	7	0	29.85	+ 0.12	59	55	- 4	SW	4	6	*	*	*	0.12		
Lyons ...	29.74	82	S	8	bc	29.86	- 0.10	59	59	- 3	NW	3	N	*	91	58	0.71		
† Toulon ...	29.89	73	SW	1	m	29.86	- 0.10	69	59	+ 1	S	3	m	3	79	68	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.09	49	SW	3	N	28.44	+ 0.64	47	44	- 1	WNW	2	E	*	54	42	0.75		

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

Hawes Junction	28.09	49	SW	3	N	28.44	+ 0.64	47	44	- 1	WNW	2	E	*	54	42	0.75
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.02	58	58	SSE	8	0	5	Valentia ...	29.56	62	57	NW	4	bc	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.35	53	52	NE	7	0	6	Dover ..	29.52	63	60	WSW	6	6	4
Aberdeen ...	29.04	53	52	N	8	N	8	London ...	29.45	62	61	WSW	6	bc	#
Shields ...	29.04	56	52	W	6	N	2	Yarmouth ...	29.38	67	59	WSW	5	bc	4
Ardrossan ...	29.20	54	50	NNW	3	N	3	Jersey ...	29.65	63	59	W	7	bc	6
Mullaghmore ...	29.41	57	53	NW	6	0	6	Rochefort ...	29.82	73	68	SSW	9	0	4
Holyhead ..	29.33	55	55	W	6	0	p	5							
								Ben Nevis (+406M) 9 a.m. on 26th	24.65	32	34	E	10	0	Max 36 Min 32 2.40

The depression in the NE. continues to move slowly to the ENE, and, while the N and NE gales still hold in Scotland, accompanied by rain, the W^{ly} wind is inclined to moderate a little over our N^{ly} coasts. The weather is, however, still very unsettled. The sea continues high in the NE. The warning signals are still up on all our coasts.

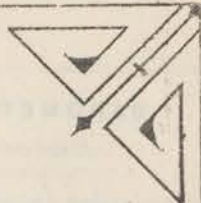
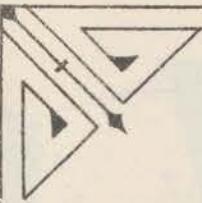
EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. 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 2 p.m. daily (Sundays excepted). Received too late for insertion in charts.



DAILY WEATHER REPORT

F O R

SUNDAY, 28TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^o D^o Bookpost 5^s D^o



ROBERT H. SCOTT

(SECRETARY.)



Printed by Dangerfield, Lith. 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Sunday 28th AUGUST.

1881

BAROMETER, WIND & SEA

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4.

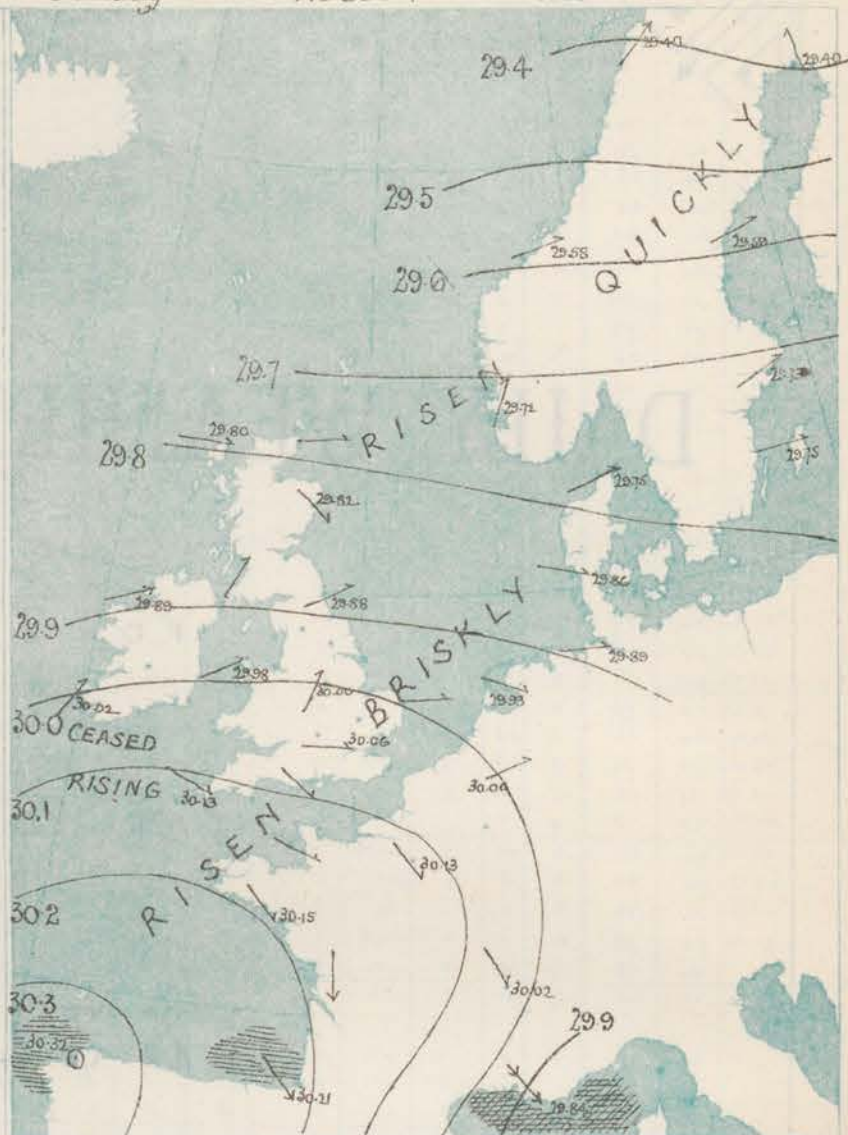
⊙, dead calm.

Sea Disturbance; where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings In.
Nairn	29.857
Aberdeen	29.863
Leith	29.897
Scarborough	29.934
Ardrossan	29.906
Greenacastle	29.909
Holyhead	29.939
Valentia	29.965
Koch's Pt.	29.983
Plymouth	30.007
LONDON	29.988
Yarmouth	29.968

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

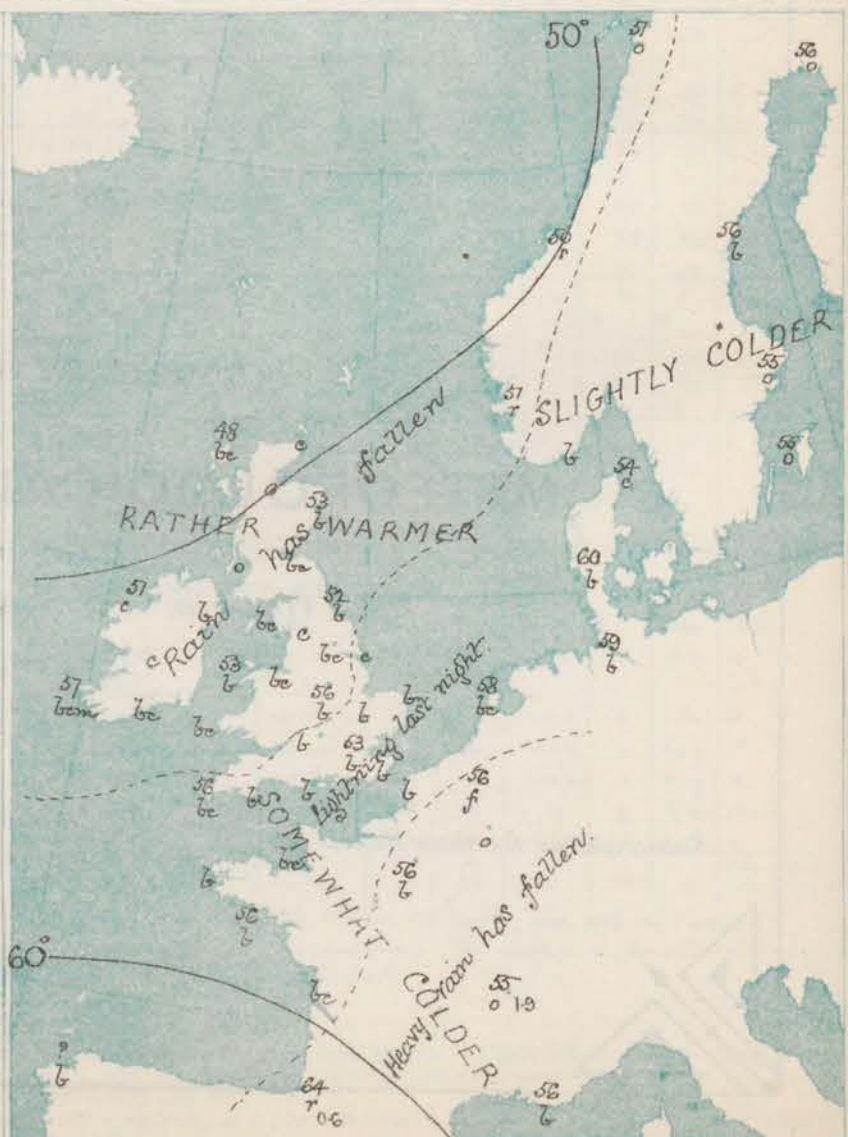
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August

Stations	Temp.	Rain-Fall
Sundburgh Head	54.4	2.32
Stornoway	54.9	3.87
Aberdeen	57.5	3.23
Shields	58.9	1.40
York	60.2	2.37
Mullaghmore	59.0	?
Holyhead	60.1	2.47
Parsonstown	59.6	3.33
Valentia	60.3	4.08
Sally (St Mary's)	62.0	2.20
Harve Castle	63.0	?
Dover	62.4	2.14
LONDON	63.5	1.97
Yarmouth	61.7	1.77

* The mean Temperature are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for SUNDAY 28TH AUGUST 1881 at 8 a.m.

The weather this morning is much finer than it has been for many days past. The deep depression of the last few days has quite disappeared from our area, and the barometer has risen steadily in all parts of Western Europe, but the weather can scarcely be considered settled, inasmuch as the mercury has ceased rising at Valentia since 10 p.m. last evening. Pressure now varies from 30.3 ins. over the north of Spain to 29.6 ins. in the north of Sweden. The wind has returned to W. or WSW in most parts of our Islands, as also in Scandinavia, but over France N and NW breezes still continue; in force it is light or moderate generally. Temperature has fallen a little over France, the south of England and south of Norway, but risen slightly in most other parts, and readings over our Islands now range from 57° at Valentia and 53° in London to 48° at Stromway. The highest maxima attained yesterday were 65° at Prætor P^h, Dover and London and 67° at Hurst Castle. The weather is rainy in the west of Norway, but clear and bright in nearly all other parts of Western Europe. A little rain fell in many places yesterday, and lightning was seen over the south east of England in the evening, while at Hurst Castle distant thunder was heard. The sea is moderate or smooth on all the British Coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N E
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

/ NONE ISSUED /

- 6 SCOTLAND WEST
- 7 ENGLAND N W
- 8 ENGLAND S W
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

/ NONE ISSUED /

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR

28th August

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	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	29.29	55	S	4	0	29.40	+0.3	56	55	+3	S	4	0	*	57	50	-		
Hernösand	29.26	57	S	4	0	29.39	+0.38	56	51	0	WSW	4	6	*	51	50	-		
Stockholm	29.58	57	SW	6	bc	29.73	+0.31	55	51	-5	WSW	2	0	*	66	55	-		
Wisby	29.65	59	WSW	6	b	29.75	+0.19	55	53	-2	W	2	0	*	66	?	-		
Bodö	29.48	53	ENE	2	c	29.40	+0.25	51	49	0	WSW	6	0	4	55	48	0.08		
Christiansund	29.32	52	WNW	4	0	29.58	+0.51	50	49	-1	WSW	4	N	3	56	41	0.32		
†Skudesnaes	29.41	51	W	7	1	29.72	+0.56	51	49	-3	SW	2	N	4	54	?	-		
Oxö (Xiusund)	29.57	53	WSW	4	b	29.72	+0.34	54	51	-2	WSW	4	b	2	57	32	-		
Skagen (The Skow)	29.63	54	W	4	b	29.75	+0.43	54	50	-3	WSW	3	c	3	59	50	-		
Fanö	29.78	54	WNW	2	c	29.86	+0.37	60	54	+1	WNW	4	b	*	63	50	-		
Cuxhaven	29.74	?	WNW	2	bc	29.89	+0.30	59	56	-1	W	2	b	*	61	52	0.07		
†Sumburgh Head																			
†Stornoway	29.68	50	N	2	0	29.80	+0.21	48	48	+1	W	1	bc	3	51	43	0.07		
Wick	29.63	52	NW	1	bc	29.77	+0.25	50	48	-2	W	2	c	0	57	44	0.04		
Nairn	29.69	50	WNW	1	c	29.81	+0.23	50	47	-3	W	0	0	1	56	45	0.02		
†Aberdeen	29.69	51	NNW	1	bc	29.82	+0.26	53	48	-3	NW	2	b	1	58	45	0.09		
Leith	29.71	57	NW	1	b	29.84	+0.22	52	49	+2	NW	1	bc	*	62	44	-		
†Shields	29.72	53	W	3	c	29.88	+0.27	52	48	+2	WSW	4	b	3	58	46	0.04		
Spurn Head	29.78	58	WNW	4	bc	29.95	+0.30	52	50	0	SW	4	c	4	58	48	-		
York	29.79	54	WNW	1	cp	29.94	+0.27	53	51	+2	SW	1	bc	*	63	44	0.06		
Nottingham	29.82	54	WNW	2	b	30.00	+0.30	56	52	+3	SW	2	b	*	63	39	-		
†Ardrossan	29.76	51	NW	2	c	29.87	+0.19	52	50	+1	SW	2	0	2	57	48	0.06		
†Mullaghmore	29.82	54	WNW	5	cp	29.89	+0.11	51	49	-1	WSW	5	c	4	58	48	0.03		
Donaghadee	29.81	53	WSW	2	bc	29.91	+0.18	52	50	-1	W	3	b	1	58	42	0.04		
Parsonstown	29.91	55	W	1	c	30.00	+0.17	50	49	-1	WSW	1	c	*	60	45	0.08		
Barrow-in-Furness	29.80	56	WNW	3	bc	29.95	+0.23	54	51	+5	WNW	3	bc	3	59	48	-		
†Holyhead	29.86	55	SW	3	bc	29.98	+0.19	53	52	0	WSW	2	b	2	57	50	0.03		
Liverpool (Bidston)	29.83	55	W	2	b	29.96	+0.25	53	50	+2	WSW	4	bc	2	57	48	0.09		
†Valentia	30.00	56	NW	3	bc	30.02	+0.13	54	53	+3	SW	3	bc	4	62	48	0.14		
Roche's Point	29.95	58	NNW	4	bc	30.04	+0.20	55	51	+2	W	3	bc	3	62	43	0.03		
Pembroke	29.90	56	NW	3	bc	30.04	+0.29	56	52	+3	W	2	bc	2	58	52	-		
†Scilly																			
Prawle Point	29.90	56	NW	3	b	30.11	+0.34	57	55	-2	WNW	2	b	2	65	47	-		
Hurst Castle	29.83	59	N	3	bc	30.08	+0.15	53	51	-2	NW	3	b	3	57	55	0.06		
†Dover	29.81	63	W	0	bc	30.05	+0.34	59	53	-1	N	1	b	1	65	49	0.08		
†London	29.82	58	WNW	1	bc	30.06	+0.34	59	50	-4	W	1	b	*	65	48	-		
Oxford	29.89	51	NW	1	bc	30.08	+0.33	52	50	-2	WSW	1	b	*	59	47	-		
Cambridge	29.81	57	N	1	c	30.03	+0.33	51	49	-3	WSW	1	b	*	60	39	-		
†Yarmouth	29.80	57	W	0	b	29.98	+0.32	63	50	-1	W	2	b	2	60	44	-		
The Helder	29.87	56	NW	1	c	29.93	+0.31	58	52	-1	WNW	2	bc	c	59	55	-		
Cape Gris Nez	29.83	58	NNW	3	c	30.03	+0.31	53	51	-5	NNW	3	b	2	64	54	-		
†Jersey	29.92	58	WNW	3	b	30.16	+0.36	57	53	+1	WNW	3	bc	3	63	51	-		
Brest	29.99	61	N	4	b	30.17	+0.35	56	53	-1	NNW	3	b	4	63	55	-		
Lorient	29.90	62	NNW	5	bc	30.15	+0.38	56	55	-2	NW	4	b	3	60	52	-		
†Rochefort	29.95	60	WNW	5	c	30.13	+0.27	59	55	-4	N	7	bc	2	73	54	-		
Biarritz	29.97	60	SSW	5	1	30.21	+0.26	64	56	+8	NW	7	N	5	73	58	0.59		
Corunna	*	*	*	*	*	30.32	+0.32	?	*	?	SE	1	b	5	*	*	*		
Brussels	*	*	*	*	*	30.00	+0.25	56	56	-1	WSW	1	b	*	64	56	0.16		
Charleville	29.81	62	SSW	1	c	29.99	+0.21	54	?	-3	SSW	1	0	*	70	50	-		
Paris	29.84	64	WSW	3	c	30.13	+0.28	56	53	-3	NW	4	b	*	*	*	0.04		
Lyons	29.88	53	NW	3	1	30.02	+0.16	55	52	-4	NW	3	0	*	?	51	1.89		
Toulon	29.78	69	S	5	m	29.84	-0.02	56	52	-13	NW	9	b	7	70	54	0.12		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.55	48	WNW	2	bc	28.68	+0.24	47	46	0	WNW	3	c	*	52	43	0.15		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.41	54	52	w	b	1	Valentia ...	29.97	60	53	nw	3	b	3
Sumburgh Head							Scilly ...							
Stornoway ...	29.64	751	49	nnw	3	0	Dover ..	29.76	63	57	w	3	b	2
Aberdeen ...	29.54	53	51	n	2	bc	London ...	29.78	63	57	w	3	c	*
Shields ...	29.68	58	55	w	3	c	Yarmouth ...	29.77	57	52	nne	2	bc	2
Ardrossan ...	29.74	54	50	nw	4	0	Jersey ...	29.89	60	56	nw	3	b	3
Mullaghmore ...	29.82	58	52	w	6	cp	Roche fort ...	29.87	70	63	nw	5	c	2
Holyhead ...	29.84	56	56	wnw	3	b								
							Ben Nevis (4406ft)	25.12	31	31	ne	2	0	max 34 min 28 Rain 0.51

Ben Nevis (4406 ft.) 25.72 51 51 NE 2 0 Max 34 Min 28 Rain 0.21
8 a.m. on 29th

The depression over Norway continues to travel in a NE or N direction. The barometer still rises through out our Islands and the weather is improving. At Aberdeen a heavy hail shower is in progress, but at our other stations fair weather prevails. Heavy cumulus clouds are passing over the sky in London.

EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

MONDAY, 29TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

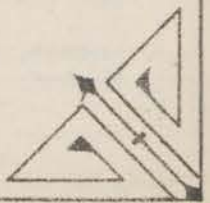
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ROBERT H. SCOTT
(SECRETARY.)



Fred^{ks} Dengerfeldt 14th 22 Bedford St. (near Garden.)

WEATHER CHARTS

for 8 a.m. on Monday, 29th August 1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer lobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind Arrows show the prevalent wind.

They fly with the wind, and their

barbs and feathers refer to force, thus

— forces above 10; — forces 8 to 10

— forces 5 to 7; — forces 1 to 4

○ dead calm

Sea Disturbance, where considerable, is

shown by shading round the coast,

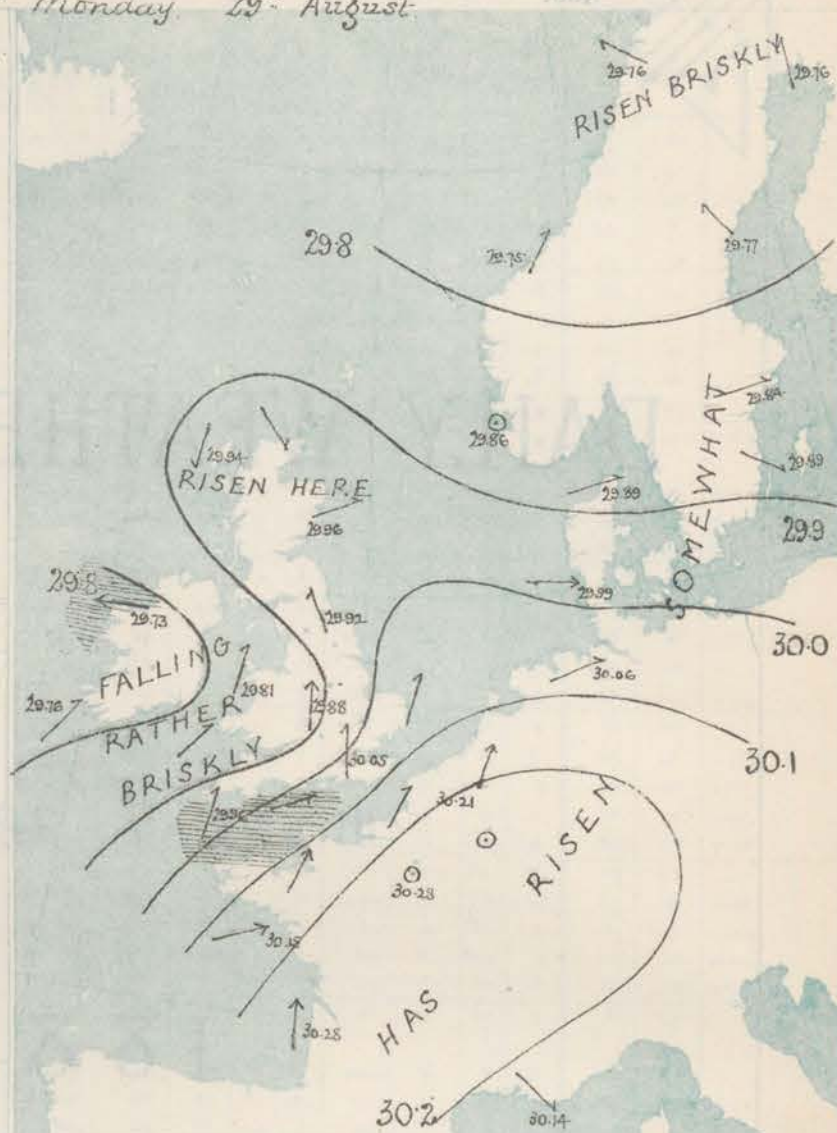
thus — Rough; — High

MEAN* HEIGHT of the BAROMETER

for the month of August

Stations	Mean Readings
Nairn	29.87
Aberdeen	29.86
Leith	29.91
Scarthorough	29.94
Edinburgh	29.96
Greenock	29.99
Holyhead	29.99
Valencia	29.96
Roshe's Pt	29.98
Plymouth	30.00
LONDON	30.00
Yarmouth	30.06

These means are for the 10 years 1868-78.
A more complete set of mean values is
in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Rate of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August

Stations	Temp	Rain-fall
Sumburgh Head	59.2	2.82
Stormy Bay	59.9	3.87
Aberdeen	57.5	3.37
Shetland	58.9	2.80
Nairn	56.2	2.37
Millingham	59.0	?
Holyhead	60.1	2.42
Parsonstown	59.4	2.57
Valentia	60.3	2.98
Sally (St Mary's)	62.0	2.70
Hurst Gable	63.0	?
Dover	62.9	2.14
LONDON	63.5	1.95
Yarmouth	61.7	?

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1868 to 1877.



REMARKS

for MONDAY, 29TH AUGST 1881, at 8 a.m.

In the course of the past night a depression of moderate depth has come over Ireland and our western districts from the Atlantic, bringing with it freshening S^W and S^W breezes to the southern half of our Islands together with a good deal of rain and a very unsettled appearance; while SE^W to E^W winds prevail in the north, accompanied at present by more favourable weather. Over Scotland the sky is clear. Temperature has fallen several degrees at the Scotch stations, risen elsewhere, and the present readings vary from 59° on our extreme south west coasts to 50° at Leith and to 43° at Naim. Maxima of 69° at Nottingham, 67° in London and 66° at Cambridge were recorded yesterday, but in Scotland the highest readings ranged from only 55° to 58°. The sea is rather rough in the western part of the Channel and at Mullaghmore; slight at Dover, smooth at Holyhead.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

30TH AUGUST.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	E ^W winds, freshening; fine to rainy and perhaps squally.
2 SCOTLAND EAST	—
3 ENGLAND NE	S ^W to S ^W winds, increasing in force; dull, rainy.
4 ENGLAND EAST	—
5 MIDLAND COUNTIES	—
6 ENGLAND SOUTH	S ^W winds, strong, perhaps a gale; squally, rainy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	E ^W to SE ^W winds, increasing in strength, dull, rainy.
7 ENGLAND NW	SE ^W to S ^W winds, becoming strong and squally; rainy.
8 ENGLAND SW	Same as no 5.
9 IRELAND NORTH	Same as no 6.
10 IRELAND SOUTH	S ^W and S ^W winds, force doubtful at present; showery, unsettled.
WARNINGS	The South Cone was hoisted last evening in Districts 3. and 5 to 10.

METEOROLOGICAL OBSERVATIONS FOR

29th AUGUST

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.								FAST 24 HOURS.			
STATIONS.	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 ...	29.69	54	SW	2	b	29.76	+ .36	56	51	0	S	2	b	*	59	52	-	
Hernösand ...	29.79	54	Z	0	b	29.77	+ .18	54	51	2	SE	2	o	*	66	48	-	
Stockholm ...	29.82	52	SEW	2	b	29.84	+ .11	53	50	2	W	2	b	*	65	50	-	
Wisby ...	29.82	52	WSW	2	b	29.89	+ .14	54	51	1	NW	2	o	*	61	50	0.12	
Bodö ...	29.72	51	WSW	6	o	29.76	+ .36	50	49	1	ESE	2	e	1	52	46	0.08	
Christiansund ...	29.72	51	WSW	5	o	29.75	+ .17	50	48	0	SW	4	o	3	54	41	0.32	
† Skudesnaes ...	29.84	53	WSW	4	o	29.86	+ .14	52	49	1	Z	0	e	3	57	?	-	
Oxö (Xiusund) ...	29.80	52	WSW	4	b	29.87	+ .15	54	52	0	WSW	4	b	2	57	46	-	
Skagen (The Skaw) ...	29.87	53	WSW	4	b	29.89	+ .14	56	51	2	WSW	4	b	3	59	48	-	
Fanö ...	30.00	54	W	4	b	29.99	+ .13	62	55	2	W	6	b	*	?	52	0.08	
Cuxhaven ...	30.01	?	WNW	3	b	30.06	+ .17	57	55	2	WNW	3	b	*	59	50	0.02	
† Sumburgh Head ...																		
† Stornoway ...	29.88	52	NW	1	b	29.94	+ .14	49	49	1	NNE	1	b	1	54	35	0.05	
Wick ...	29.85	50	NW	2	b	29.94	+ .17	44	42	6	NW	2	b	2	57	35	-	
Nairn ...	29.86	50	WSW	1	e	29.95	+ .14	43	41	7	Z	0	b	1	55	39	0.11	
† Aberdeen ...	29.87	47	N	1	h	29.96	+ .14	50	47	3	WSW	1	b	1	58	36	0.31	
Leith ...	29.83	52	NW	1	b	29.93	+ .09	50	48	2	SE	1	b	*	58	48	0.07	
† Shields ...	29.91	58	WSW	2	e	29.92	+ .04	52	52	0	SSE	1	d	3	59	48	0.03	
Spurn Head ...	30.01	59	SW	4	e	29.97	+ .02	54	54	2	SSE	4	h	2	62	51	0.10	
York ...	29.99	58	W	3	b	29.94	0.00	62	52	1	SSE	1	n	*	63	49	0.05	
Nottingham ...	30.03	58	SEW	3	o	29.88	- .12	57	57	1	S	2	n	*	69	48	0.37	
† Ardrossan ...	29.91	54	WNW	1	e	29.89	+ .02	47	46	5	NE	4	euf	2	56	43	-	
† Mullaghmore ...	29.91	57	NW	2	e	29.73	- .16	53	52	2	E	6	ogua	5	59	51	0.05	
Donaghadee ...	29.95	54	W	2	e	29.83	- .08	54	54	2	SE	3	n	1	62	48	0.18	
Parsonstown ...	29.97	57	SSW	1	n	29.75	- .25	59	58	9	SSW	1	o	*	62	50	0.21	
Barrow-in-Furness ...	30.00	56	SW	4	e	29.86	- .09	53	52	1	NE	4	n	3	59	52	0.30	
† Holyhead ...	30.00	58	S	4	e	29.81	- .17	58	58	5	SSW	3	f	2	60	52	0.35	
Liverpool (Bidston) ...	30.03	56	WSW	3	e	29.83	- .13	55	54	2	SE	3	o	2	60	51	0.24	
† Valentia ...	29.84	56	SE	6	ng	29.76	- .08	59	53	2	SW	3	e	0	60	53	0.63	
Roche's Point ...	29.91	58	E	6	n	29.80	- .14	58	57	3	SW	3	cp	4	61	54	0.65	
Pembroke ...	30.05	57	SW	4	e	29.84	- .20	59	58	3	SW	3	cp	4	60	54	0.22	
† Scilly ...																		
Prawle Point ...	30.17	56	SW	3	e	29.99	- .12	57	57	0	SSW	5	n	6	61	55	0.08	
Hurst Castle ...	30.16	58	W	5	b	30.03	- .05	58	57	5	WSW	6	nom	5	64	53	0.04	
† Dover ...	30.13	60	SW	4	b	30.11	+ .06	59	56	0	SW	4	b	3	62	53	-	
† London ...	30.12	60	SW	2	b	30.05	- .01	57	56	4	S	4	n	*	67	50	0.04	
Oxford ...	30.13	55	SSW	3	b	29.97	- .06	57	56	5	S	4	n	*	65	51	0.09	
Cambridge ...	30.09	60	SW	1	e	30.01	- .02	57	55	6	S	2	n	*	66	46	0.02	
† Yarmouth ...	30.07	61	WSW	3	b	30.07	+ .09	56	54	3	SSW	2	cd	2	64	49	-	
† The Helder ...	30.06	59	WSW	1	e	30.09	+ .16	60	55	2	SW	2	e	3	61	57	-	
Cape Gris Nez ...	30.13	60	WSW	5	b	30.13	+ .10	58	56	5	SSW	4	e	3	64	?	-	
† Jersey ...	30.26	58	W	2	e	30.16	0.00	59	57	2	SW	5	om	4	63	55	0.01	
Brest ...	30.16	60	SW	5	o	30.07	- .10	60	58	4	SW	5	n	4	63	55	0.16	
Lorient ...	30.25	60	W	4	b	30.15	0.00	62	54	6	WSW	5	o	3	64	54	-	
† Rochefort ...	30.30	64	NW	5	b	30.26	+ .13	59	56	0	S	5	b	2	70	52	-	
† Biarritz ...	30.34	67	N	3	b	30.26	+ .05	52	50	2	E	3	b	3	70	48	-	
Corunna ...	*	*	*	*	*			*							*	*	*	
Brussels ...	*	*	*	*	*	30.21	+ .21	56	51	0	SSW	5	f	*	64	49	-	
Charleville ...	30.18	59	?	3	b	30.28	+ .29	43	41	11	N	1	b	*	68	39	-	
Paris ...	30.23	62	Z	0	b	30.28	+ .15	57	53	1	SE	1	e	*	*	*	-	
Lyons ...																		
Toulon ...	30.04	66	NW	9	b	30.14	+ .30	66	54	10	NW	3	b	5	70	55	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.74	60	W	3	e	28.67	- .01	48	48	1	SSE	3	N	*	52	42	0.41	

HIGH LEVEL STATION.

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

Hawes Junction	28.74	60	W	3	e	28.67	- .01	48	48	1	SSE	3	n	*	52	42	0.41
----------------	-------	----	---	---	---	-------	-------	----	----	---	-----	---	---	---	----	----	------

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes ...	29.81	57	51	W.S.W	2	e	h	Valentia ...					
Sumburgh Head								Scilly ...					
Stornoway ...								Dover ..					
Aberdeen ...								London ...					*
Shields ...								Yarmouth ...					
Ardrossan ...								Jersey ...					
Mullaghmore ...								Rochefort ...	30.26	69	60	5	6 2
Holyhead ...								Ben Nevis (4406 Ft)	25.31	32	32	W 2	0 32 30 0.50

Ben Nevis (4406 ft.) 25.31 32 32 W 2 0 32 30 0.50

EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). † Received too late for insertion in charts.



DAILY WEATHER REPORT

FOR

TUESDAY, 30TH AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

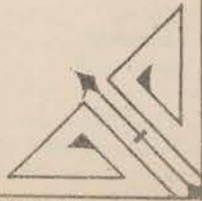
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dangerfield, Lath 22 Bedford St. Court Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 30th August.

1887

BAROMETER, WIND & SEA

Explanation of Map.

Barometer isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

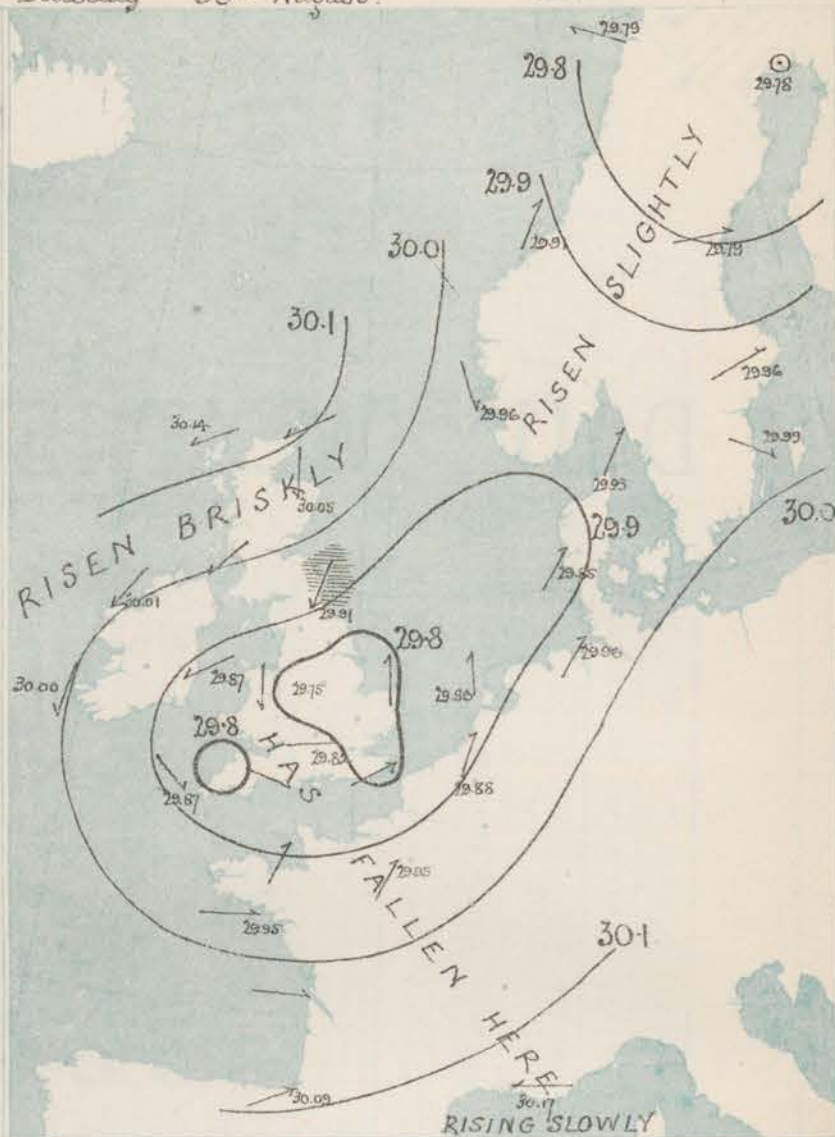
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus: — force above 10; — force 8 to 10; — force 5 to 7; — force 1 to 4; — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings in.
Nairn	29.833
Aberdeen	29.863
Leith	29.891
Scarborough	29.924
Ardrrossan	29.908
Greenock	29.919
Holyhead	29.939
Kelso	29.945
Koch's Pt.	29.945
Plymouth	30.007
LONDON	29.988
Kornwall	29.966

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

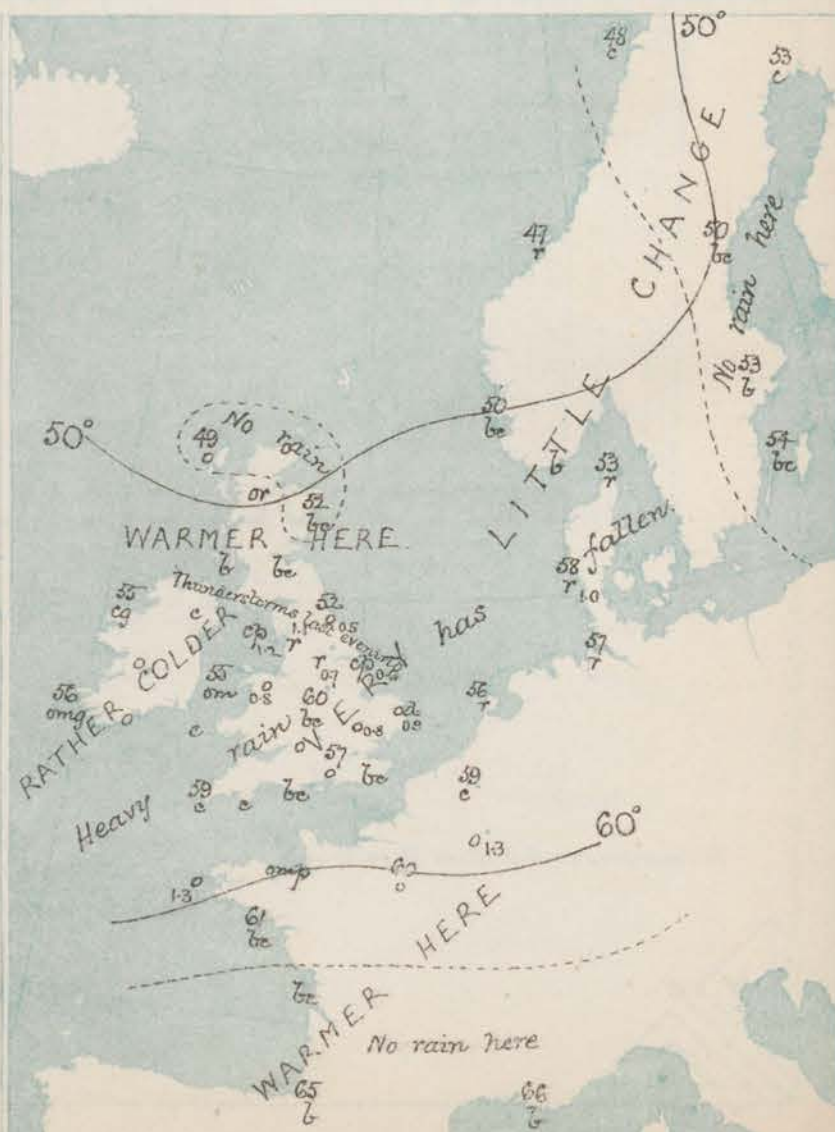
Explanation of Map.

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words. Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m. Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL for the month of August

Stations	Temp	Rain-fall
Sundburgh Head	54.4	7.32
Stormy Bay	54.9	3.87
Aberdeen	57.5	3.22
Shetland	48.9	2.40
York	60.7	2.32
Mullaghmore	59.0	7
Holyhead	60.1	2.47
Portsmouth	59.6	2.43
Kelso	60.3	4.08
Sally (St. Mary's)	62.0	2.20
Harst Castle	62.0	7
Dover	62.4	7.14
LONDON	63.5	1.97
Kornwall	61.7	1.77

The mean Temperatures are those for the 12 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for TUESDAY, 30TH AUGUST, 1881. at 8 a.m.

The weather over the United Kingdom seems to be undergoing a considerable change. The depressions noticed in the west yesterday have moved slowly to the E^{wd}, and, while the barometer has fallen over our southern districts and France, it has risen briskly in the north. The E⁴ breezes which prevailed in the north yesterday have consequently backed to NE, and are spreading gradually over the country, while the SW and W winds in the south are dying out. Temperature has risen in Scotland, but fallen somewhat in Ireland, and readings vary from 69° at Rain to 59° at Hurst Castle. Rain has fallen everywhere, heavily in many places, and thunderstorms have occurred over some of the northern parts of England. The sea is rather rough at Shields, moderate in the Channel, slight at Holyhead.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

31ST AUGUST.

ISSUED AT 11 a.m. on previous day.

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

NE⁴ to N⁴ winds, light; fine.

6 SCOTLAND
WEST

Same as no. 0.

2 SCOTLAND
EAST

7 ENGLAND
N W

Same as no. 0.

3 ENGLAND
N E

NE⁴ to N⁵ winds, falling light gradually; fair.

8 ENGLAND
S W

NW⁴ to NE⁴ breezes, light; fair generally.

4 ENGLAND
EAST

Mind shifting to the NW^{wd} and NE^{wd}; some rain and possibly thunderstorms first, the weather then gradually becoming finer.

9 IRELAND
NORTH

N⁴ and NE⁴ breezes, light; fine.

5 MIDLAND
COUNTIES

10 IRELAND
SOUTH

WARNINGS

The morning Signals were all lowered yesterday afternoon.

METEOROLOGICAL OBSERVATIONS FOR

30th AUGUST

1881.

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.	See. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.80	50	Z	0	0	29.78	+0.02	53	51	-3	Z	0	c	#	54	50	-		
Hernösand	29.75	50	Z	0	0	29.79	+0.04	50	46	-4	W	4	bc	#	63	43	-		
Stockholm	29.84	52	SW	2	0	29.96	+1.12	53	50	0	WSW	2	b	#	66	46	-		
Wisby	29.92	56	WNW	6	0	29.99	+1.07	54	52	0	WNW	4	bc	#	63	52	-		
Bodö	29.78	51	NNE	2	0	29.79	+0.03	48	47	-2	ESE	2	c	1	57	45	-		
Christiansund	29.83	49	W	4	0	29.91	+1.08	47	46	-3	SW	4	N	3	55	40	0.35		
†Skudesnaes	29.95	50	WNW	2	c	29.96	+1.01	50	47	-2	WNW	1	bc	2	55	50	-		
Örö (Christiansund)	29.90	53	WSW	4	0	29.92	+0.05	51	48	-3	NW	2	b	1	55	45	-		
Skagen (The Skaw)	29.93	52	WSW	4	0	29.93	+0.04	53	51	-3	SW	3	N	1	57	46	0.08		
Fanö	30.02	55	S	2	0	29.88	-1.14	58	57	-4	SW	4	N	#	63	54	1.02		
Cuxhaven	30.09	7	WNW	1	bc	29.96	-1.13	57	55	0	SW	3	N	#	61	54	0.17		
†Sumburgh Head																			
†Stornoway	29.98	50	ENE	3	0	30.14	+2.0	49	48	0	ENE	2	0	2	53	38	-		
Wick	29.97	51	Z	0	0	30.11	+1.17	48	44	+4	NE	1	0	1	54	41	-		
Nairn	29.94	53	NE	1	0	30.09	+1.14	49	47	+6	NE	3	bc	2	56	43	0.05		
†Aberdeen	29.96	53	SE	2	0	30.05	+0.9	52	47	+2	N	4	bc	2	59	40	-		
Leith	29.90	52	E	3	0	30.00	+0.7	51	50	+1	E	3	bc	#	57	48	0.04		
†Shields	29.83	53	E	4	0	29.91	-0.01	52	50	0	NE	4	0	5	53	49	0.53		
Spurn Head	29.84	59	SSW	2	0	29.76	-2.1	57	57	+3	S	1	cp	0	64	53	0.63		
York	29.80	61	NNE	1	0	29.81	-1.13	53	52	+1	NNE	2	N	#	62	51	0.65		
Nottingham	29.79	60	S	3	0	29.75	-1.13	60	59	+3	S	3	bc	#	70	54	0.28		
†Ardrossan	29.83	54	NE	4	0	30.00	+1.17	52	48	+5	NE	4	b	2	58	46	0.02		
†Mullaghmore	29.74	55	E	6	0	30.01	+1.28	54	50	+1	NE	5	cp	4	57	52	0.41		
Donaghadee	29.76	55	E	5	0	29.97	+1.14	52	50	-2	NE	5	c	3	55	51	0.12		
Parsonstown	29.75	60	WSW	1	0	29.97	+2.22	53	51	-6	N	2	0	#	66	56	0.02		
Barrow-in-Furness	29.87	60	NE	3	0	29.85	-0.01	52	51	-1	NE	4	cp	3	60	50	1.16		
†Holyhead	29.76	61	SSW	3	0	29.87	+0.6	55	55	-3	NE	4	om	3	64	55	0.03		
Liverpool (Bidston)	29.75	62	ESE	2	0	29.82	-0.01	54	52	-1	N	2	0	1	67	53	0.81		
†Valentia	29.74	59	ESE	2	0	30.00	+2.4	56	54	-3	NNE	3	om	1	63	55	0.01		
Roche's Point	29.79	60	SW	4	0	29.94	+1.4	57	55	-1	N	4	0	4	65	53	0.01		
Pembroke	29.80	56	SW	2	0	29.83	-0.01	58	57	-1	NW	2	c	2	61	55	0.18		
†Scilly																			
Prawle Point	29.90	55	SW	4	0	29.80	-1.19	58	58	+1	WSW	2	c	3	59	54	0.43		
Hurst Castle	29.91	60	WSW	7	0	29.83	-2.0	59	58	+1	WNW	3	bc	4	61	55	0.30		
†Dover	30.01	61	SSW	5	0	29.79	-1.32	59	58	0	WSW	5	bc	4	62	57	0.08		
†London	29.95	60	SSW	4	0	29.82	-2.23	57	56	0	W	1	0	#	62	55	0.40		
Oxford	29.86	57	SW	3	0	29.81	-1.06	56	55	-1	WNW	1	0	#	62	55	0.41		
Cambridge	29.90	57	S	2	0	29.79	-2.22	58	57	+1	W	1	0	#	63	54	0.46		
†Yarmouth	29.95	60	SSW	3	0	29.78	-2.29	57	56	+1	S	3	ad	3	61	55	0.40		
The Helder	29.99	60	SSW	3	0	29.86	-2.23	56	54	-4	S	2	N	2	63	55	0.28		
Cape Gris Nez																			
†Jersey	30.04	59	SW	5	0	29.91	-2.25	60	59	+1	SW	5	om	4	63	57	0.25		
Brest	29.92	61	SSW	4	0	29.93	-1.14	59	58	-1	WNW	4	0	4	63	55	1.26		
Lorient	30.00	62	SSW	4	0	29.95	-2.0	61	59	-1	W	4	bc	4	68	57	0.04		
†Rochefort	30.10	69	NW	1	0	30.04	-2.22	65	62	+3	W	4	bc	2	78	54	-		
Biarritz	30.09	61	E	4	0	30.09	-1.17	65	62	+13	WSW	5	b	2	84	50	-		
Corunna	*	*	*	*	*	30.11	-0.9	65	*	+5	SW	1	0	5	*	*	*		
Brussels	*	*	*	*	*	29.88	-5.3	59	58	+3	SSW	4	c	#	60	55	0.08		
Charleville	30.13	62	S	1	0	29.98	-3.0	55	52	+12	S	7	0	#	72	51	1.34		
Paris	30.13	66	SSW	3	0	29.95	-3.3	60	59	+3	SW	3	0	#	*	*	?		
Lyons	30.26	65	E	1	0	30.11	-2.1	56	52	+2	SE	1	c	#	70	50	-		
Toulon	30.12	70	Z	0	0	30.17	+0.3	66	57	0	E	4	b	2	75	61	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.88	53	SE	3	0	28.62	-0.5	48	47	0	NE	4	N	#	54	42	1.01		

HIGH LEVEL STATION.

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

Hawes Junction	29.89	53	SE	3	0	29.62	-0.5	48	47	0	NE	4	N	54	42	1.01	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.91	55	52	W.S.W	4	c	3	Valentia ...	29.76	61	57	S	4	om	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.97	53	52	E	3	0	2	Dover ..	30.08	60	58	W.S.W	5	e	4
Aberdeen ...	29.96	54	50	S.S.W	1	0	1	London ...	30.01	61	59	S.S.W	5	odg	•
Shields ...	29.88	52	51	E	4	d	3	Yarmouth ...	29.99	60	58	S.S.W	4	od	3
Ardrossan ...	29.82	53	54	N.E	4	c	2	Jersey ...	30.10	60	58	S.S.W	3	0	3
Mullaghmore ...	29.74	56	56	E	5	omg	1	Rochefort ...	30.19	76	69	S	4	bc	2
Holyhead ...	29.70	61	60	S.S.W	5	c	2	Bar. M. (400 ft.)	29.36	31	31	E.S.E	3	0	
								Bar. on 29 th							

The depression over Ireland is almost stationary, but appears to be spreading out laterally, so that although the barometer is steady in Ireland it is falling somewhat at all the English stations and in France.

The warning signals have been lowered in the W. S. and SE.

EXPLANATION OF COLUMNS.

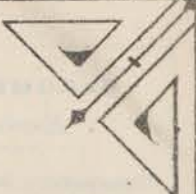
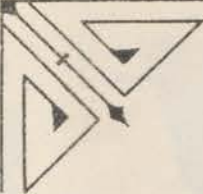
WEATHER.—Beaufort Scale is, b, blue sky; c, detached clouds; d, drizzling rain; f, fog; g, dark, gloomy; h, hail; l, lightning; m, misty (hazy); o, overcast; p, passing showers; q, squally; r, rain; s, snow; t, thunder; u, ugly, threatening; v, visibility, unusual transparency; w, dew.

* 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 2 p.m. daily (Sundays excepted).

§ Received too late for insertion in Charts.



DAILY WEATHER REPORT

F O R

WEDNESDAY, 31ST AUGUST.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

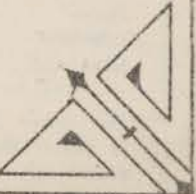
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ROBERT H. SCOTT
(SECRETARY.)



Fred^r Dangerfield Lith 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 31ST AUGUST 1881

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch. Changes in height of barometer since previous morning are stated in words.

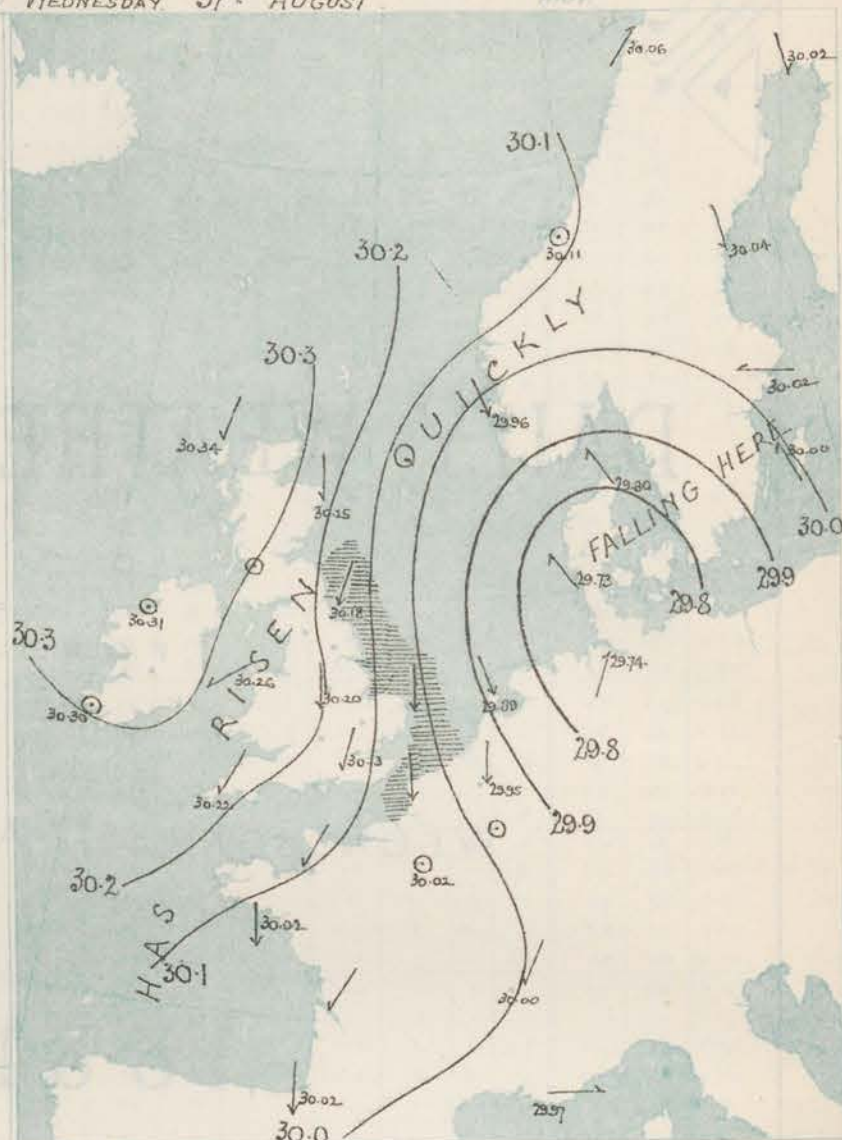
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 * - forces above 10; * - forces 8 to 10
 * - forces 5 to 7; * - forces 1 to 4;
 ○ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

MEAN HEIGHT of the BAROMETER for the month of August

Stations	Mean Readings
Nairn	29.853
Aberdeen	29.863
Leith	29.891
Scarborough	29.934
Ardrossan	29.908
Greenacastle	29.909
Holyhead	29.939
Valentia	29.965
Roche's Pt.	29.985
Plymouth	30.007
LONDON	29.988
Farmouth	29.966

These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

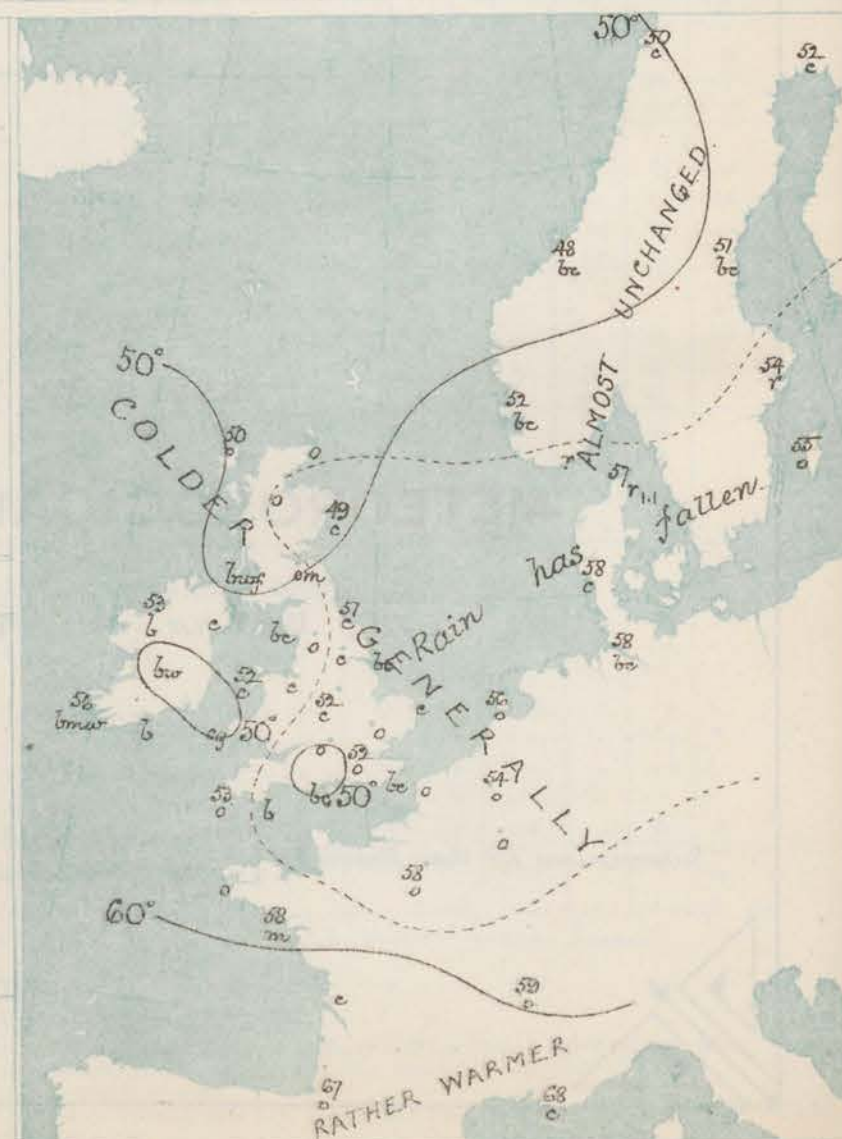
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of August

Stations	Temp.	Rain-fall
Sumburgh Head	54.4	2.32
Stornoway	54.9	3.87
Aberdeen	57.5	3.23
Shields	58.9	2.40
York	60.2	2.37
Mullaghmore	59.0	?
Holyhead	60.7	2.47
Parsonstown	59.6	3.61
Valentia	60.3	4.08
Sally (St Mary's)	62.0	2.70
Hurst Gable	63.0	?
Dover	62.4	2.19
LONDON	63.5	1.97
Farmouth	61.7	1.77

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for... WEDNESDAY, 31st AUGUST 1881 at 8 a.m.

The depressions which lay over our eastern and south eastern districts yesterday have now reached the Netherlands, and in their rear the cold N^w wind has spread all over the British Isles, accompanied by a steadily rising barometer. In force the wind is light at our western stations, very fresh in the east. Temperature has fallen quickly over England and is now very low generally for the time of year, - this morning's readings ranging from 56° at Valentia to between 62° and 52° over the major part of B^r Britain. The past night was very sharp over Central Ireland, where temperature fell to 42° in the shade. Thunder and rain occurred in several parts of our southern and eastern districts yesterday. The sky is still cloudy in the east and north, clear in Ireland, but the weather is dry in almost all places. The sea is rough along our eastern coasts, smooth off Dover (but rather rough on the French side of the Straits) and slight at Holyhead.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1st SEPTEMBER.

(ISSUED AT 11 a.m. on previous day)

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N ^w to NW ^w breezes, light to moderate; fair.	6 SCOTLAND WEST	NE ^w and N ^w breezes, moderate; fair generally, but cold.
2 SCOTLAND EAST	— — — — —	7 ENGLAND NW	— — — — —
3 ENGLAND NE	Westerly breezes, fresh to moderate; fair generally. Cold.	8 ENGLAND SW	— — — — —
4 ENGLAND EAST	N ^w breezes, strong to moderate; a few local showers, otherwise fair and cold.	9 IRELAND NORTH	N ^w to NE ^w breezes, light; fine. Very cold at night.
5 MIDLAND COUNTIES	Same as No 2.	10 IRELAND SOUTH	— — — — —
6 ENGLAND SOUTH	N ^w breezes, fresh to moderate; cold and fair generally, but perhaps slight showers in eastern parts of the district.	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 31st AUGUST 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.				
			Dir.	Force. (0 to 12).			Dry.	Wet.					Max.	Min.					
Haparanda ...	29.86	51	S	2	0	30.02	+ 2.4	52	49	- 1	N	2	e	55	48	-			
Hernösand ...	29.96	50	SW	7	6	30.04	+ 2.5	51	48	+ 1	N	2	bc	64	48	-			
Stockholm ...	30.02	51	S	7	0	30.02	+ 0.6	54	54	+ 1	SSE	2	N	61	45	0.08			
Wisby ...	30.01	55	SSW	4	N	30.00	+ 0.1	55	54	+ 1	SSE	2	0	61	54	0.04			
Bodö ...	29.92	51	WNW	2	0	30.06	+ 2.7	50	48	+ 2	SW	4	c	55	45	-			
Christiansund ...	30.03	48	SSW	2	bc	30.11	+ 2.0	48	46	+ 1	SSE	1	bc	50	34	0.24			
†Skudesnaes ...	29.90	54	NW	6	bc	29.96	0.0	52	49	+ 2	NNW	6	bc	?	?	-			
Oxö (Xiänsund) ...	29.88	54	NNE	4	c	29.89	- 0.3	51	49	0	NNE	6	N	55	45	0.08			
Skagen (The Skaw) ...	29.87	54	SW	3	N	29.80	- 1.3	57	57	+ 4	SE	3	N	?	52	1.10			
Fanö ...	29.78	57	Z	0	0	29.73	- 1.5	58	57	0	SE	2	c	61	55	0.28			
Cuxhaven ...	29.80	?	SSW	2	bc	29.74	- 2.2	58	57	+ 1	SSW	2	bc	61	52	0.02			
†Sumburgh Head ...																			
†Stornoway ...	30.24	51	NNE	3	0	30.34	+ 2.0	50	49	+ 1	NNE	2	0	52	45	-			
Wick ...	30.18	50	N	2	0	30.31	+ 2.0	49	46	+ 1	N	3	0	54	46	-			
Nairn ...	30.23	50	NE	3	c	30.32	+ 2.3	49	47	0	NE	2	0	53	48	0.02			
†Aberdeen ...	30.15	51	N	3	c	30.25	+ 2.0	49	47	- 3	N	4	c	55	45	0.01			
Leith ...	30.15	53	ENE	2	bc	30.26	+ 2.6	50	47	- 1	NW	1	om	57	46	-			
†Shields ...	30.07	52	NE	7	0	30.18	+ 2.7	51	49	- 1	NNE	5	c	55	45	0.04			
Spurn Head ...	29.98	54	NNE	7	N	30.11	+ 3.5	51	48	- 6	N	6	bc	59	49	0.05			
York ...	30.08	53	N	3	bc	30.18	+ 3.7	49	47	- 4	N	4	c	55	46	0.08			
Nottingham ...	29.97	52	N	6	0	30.20	+ 4.5	52	49	- 8	N	3	c	62	44	0.02			
†Ardrossan ...	30.14	54	E	2	0	30.30	+ 3.0	49	45	- 3	Z	0	bu	50	35	-			
†Mullaghmore ...	30.16	56	NE	5	6	30.31	+ 3.0	53	48	- 1	E	1	bu	61	40	-			
Donaghadee ...	30.13	55	NNE	2	c	30.31	+ 3.4	52	48	0	NE	3	c	58	43	-			
Parsonstown ...	30.13	58	N	1	c	30.33	+ 3.6	47	45	- 6	Z	0	bu	61	42	-			
Barrow-in-Furness ...	30.06	55	NNE	4	bc	30.20	+ 3.5	50	47	- 2	NNW	3	bc	60	44	-			
†Holyhead ...	30.06	56	NNE	5	bc	30.26	+ 3.9	52	52	- 3	NE	4	c	57	45	0.01			
Liverpool (Bldston) ...	30.05	54	NE	2	0	30.23	+ 4.1	51	46	- 3	N	2	e	50	46	-			
†Valentia ...	30.13	59	NE	1	c	30.30	+ 3.0	56	53	0	Z	0	bu	62	45	-			
Roche's Point ...	30.14	58	NNE	4	bc	30.31	+ 3.7	54	49	- 3	NNE	3	c	62	47	-			
Pembroke ...	30.04	56	NNE	3	bc	30.23	+ 4.0	50	47	- 8	NE	2	c	61	50	-			
†Scilly ...																			
Prawle Point ...	29.94	61	NNW	3	0	30.18	+ 3.8	55	50	- 3	N	3	c	63	46	-			
Hurst Castle ...	29.89	59	N	2	bc	30.14	+ 3.1	50	50	- 9	NE	4	bc	66	48	0.15			
†Dover ...	29.84	59	N	2	bc	30.04	+ 2.5	56	55	- 3	N	5	bc	64	51	0.25			
†London ...	29.81	61	NW	3	0	30.13	+ 3.1	52	49	- 5	NNE	3	0	68	50	-			
Oxford ...	30.00	54	N	5	0	30.17	+ 3.6	50	47	- 6	NNW	3	0	63	48	0.03			
Cambridge ...	29.91	53	N	3	0	30.12	+ 3.3	50	48	- 8	N	2	0	65	48	0.08			
†Yarmouth ...	29.85	58	N	1	c	30.05	+ 2.7	53	49	- 4	N	5	c	60	50	0.08			
The Helder ...	29.81	59	NW	1	0	29.89	+ 0.3	56	52	0	NNW	5	0	64	55	0.04			
Cape Gris Nez ...	29.87	61	W	5	c	30.02		56	53		N	7	0	64	52	0.12			
†Jersey ...	29.96	60	WNW	4	bc	30.14	+ 2.3	55	53	- 5	NE	4	op	64	54	0.11			
Brest ...	30.01	60	N	3	bc	30.13	+ 2.0	55	53	- 4	N	3	0	64	54	-			
Lorient ...	29.97	63	WNW	5	bc	30.02	+ 0.7	58	55	- 3	N	5	W	68	55	-			
†Rochefort ...	30.02	67	WNW	5	bc	30.01	- 0.3	63	61	- 3	NE	1	c	73	55	-			
Biarritz ...	30.08	68	N	4	0	30.02	- 0.7	67	62	+ 2	N	5	0	75	61	-			
Corunna ...	*	*	*	*	*			*					*	*	*				
Brussels ...	*	*	*	*	*	29.95	+ 0.7	54	53	- 5	N	5	0	65	54	0.43			
Charleville ...	29.88	64	SSW	1	c	29.90	- 0.8	58	55	+ 3	SW	1	0	68	55	0.39			
Paris ...	29.92	68	WSW	4	0	30.02	+ 0.7	58	56	- 2	Z	0	0	*	*	0.04			
Lyons ...	29.96	72	S	4	bc	30.00	- 1.1	59	55	+ 3	NNE	1	0	80	57	-			
Toulon ...	30.05	69	Z	0	6	29.97	- 2.0	68	62	+ 2	W	3	c	75	64	?			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	29.82	48	NE	3	c	28.97	+ 3.5	45	43	- 3	WNW	2	0	52	42	-			

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.92	56	50	NW	6	bc	3	Valentia ...	30.10	61	57	NNE	4	cm	5
Sumburgh Head								Scilly ...							
Stornoway ...	30.22	51	50	NNE	2	0	2	Dover ..	29.83	61	60	WSW	3	c p	3
Aberdeen ...	30.11	54	49	N	4	0	2	London ...	29.84	64	60	WNW	2	c	*
Shields ...	30.01	55	52	NE	7	bc	6	Yarmouth ...	29.80	60	58	NNE	3	bc	3
Ardrossan ...	30.10	58	50	NE	3	0	2	Jersey ...	29.95	63	60	W	4	c	4
Mullaghmore ...	30.13	60	54	NNE	5	cm	4	Rochefort ...	30.04	72	66	W	5	c	2
Holyhead ...	30.02	56	56	NNE	4	0	3	Ben Nevis (4406 ft.) Summ. 30.3							Max. 36 Min. 30 Rain 0.09
								25.51 6	32	32	WV	3	0		

The depressions noticed over England this morning are still moving in an E. direction and the barometer is rising over our Islands generally. The NE current of wind has now extended SE as far as Yarmouth, and, though moderate in most places, continues to blow strongly at the mouth of the Tyne where the sea is rough.

EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1881

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.		
1st.	Sumburgh Hd.	29.30	55	SSW	1	b	29.28	-.12	52	51	-3	NW	4	c	3	60	48	0.15	
	Corunna	"	"	"	"	"	29.45	-.05	72	"	+6	"	2	c	5	"	"	"	
2nd.	Sumburgh Hd. 2pm	"	"	"	"	"	29.49	"	54	52	"	NW	5	c	4	"	"	"	
	Sumburgh Hd.	29.59	51	NW	4	c	29.88	+.30	55	52	+3	W	4	c	1	57	47	"	
	The Helder.	29.87	61	WSW	3	b	30.08	+.29	60	54	+6	N	1	b	1	64	57	"	
	Brussels.	"	"	"	"	"	30.06	+.26	57	55	-6	E	3	c	"	67	55	0.67	
	Gyons.	29.89	87	S	7	b-c	30.13	+.14	76	66	+10	E	1	b	"	91	67	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.94	"	57	53	"	SW	4	c	3	"	"	"	
3rd.	Haparanda.	29.58	53	Z	0	c	29.64	+.17	55	54	+1	E	2	c	"	61	"	0.39	
	Honnand.	29.67	52	WNW	4	b	29.83	+.16	55	49	+6	WNW	6	b-c	"	63	46	0.08	
	Stockholm.	29.55	57	"	4	b-c	29.99	+.44	57	49	-8	WNW	4	b	"	68	57	"	
	Wibly.	29.84	59	W	6	b	30.06	+.31	57	52	+5	WNW	4	b	"	66	50	"	
	Christianund.	29.88	52	W	7	o	29.86	+.44	54	49	+5	SE	2	c	"	54	41	0.35	
	SKagen.	29.97	57	W	5	b	30.08	+.34	56	52	+4	W	5	c	"	63	52	"	
	Sumburgh Hd.	29.93	54	S	4	b-c	29.83	-.35	55	54	-1	WSW	4	b-c	5	59	49	0.25	
	Corunna	"	"	"	"	"	30.15	"	64	"	"	?ENE	1	c	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.58	"	57	54	"	WNW	7	c	5	"	"	"	
4th.	Sumburgh Hd.	29.68	54	WSW	7	c	29.94	+.26	62	50	-12	W	4	c	5	58	42	0.04	
	Bianity.	30.25	70	N	4	b	30.25	-.05	67	64	+3	SW	3	b	2	73	61	"	
	Corunna	"	"	"	"	"	30.09	-.06	66	"	+1	NW	11	b	"	"	"	"	
	Gyons.	30.24	71	WSW	3	b	30.33	+.05	65	57	-8	NW	1	b	"	82	60	"	
	Saulon.	30.08	85	Z	0	b	30.16	+.05	80	68	+12	E	4	b	2	88	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.99	"	54	51	-3	WSW	2	c	3	"	"	"	
5th.	Sumburgh Hd.	29.95	51	SE	3	b	29.67	-.27	58	57	+1	SSE	4	c	4	58	49	0.15	
	Corunna	"	"	"	"	"	29.97	-.12	67	"	+1	NW	1	c	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.55	"	55	54	-1	S	4	c	"	"	"	"	
6th.	Haparanda.	29.84	56	SW	2	o	29.83	+.09	59	55	+4	S	2	b-c	"	63	46	"	
	Honnand.	29.88	57	SSW	2	o	29.80	-.09	59	54	+5	S	2	b	"	77	46	"	
	Stockholm.	29.97	57	E	2	b	29.91	-.07	68	64	+4	WSW	2	o	"	70	48	"	
	Wibly.	30.01	59	S	2	b	29.98	+.02	68	64	+4	SW	2	b-c	"	52	"	"	
	Eds.	29.76	51	ENE	1	c	29.54	-.35	56	51	+5	ENE	8	c	"	46	"	"	
	Christianund.	29.61	63	ESE	1	b-c	29.52	-.40	55	54	+1	NNE	1	c	"	63	46	"	
	Sumburgh Hd.	29.51	53	S	4	o	29.39	-.28	54	52	-2	W	6	c	"	59	49	0.04	
	Corunna	"	"	"	"	"	30.10	+.13	62	"	-5	NNE	1	c	"	"	"	"	
	Gyons.	30.03	87	S	5	m	30.14	-.06	76	61	+15	SSE	1	c	"	94	68	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.64	"	55	52	-3	WNW	6	c	"	"	"	"	
7th.	Sumburgh Hd.	29.74	54	W	4	c	29.66	-.08	54	52	-2	SW	4	c	"	57	50	"	
8th.	Sumburgh Hd.	29.56	53	S	3	b	29.40	-.26	52	52	-1	NW	5	c	"	56	50	0.67	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.56	"	54	51	-3	NW	4	c	"	"	"	"	
9th.	Sumburgh Hd.	29.59	52	NW	2	c	29.60	+.01	49	49	-1	NNE	3	c	"	57	43	"	
	Bianity.	30.02	70	WNW	4	o	30.10	+.10	68	65	-3	NW	5	c	"	71	61	"	
	Corunna	"	"	"	"	"	29.99	-.10	68	"	+1	NNE	1	c	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.58	"	55	50	-5	NW	4	c	"	"	"	"	
10th.	Sumburgh Hd.	29.58	52	NW	4	c	29.49	-.11	52	48	-4	NW	4	c	"	56	44	"	
	Corunna	"	"	"	"	"	30.04	+.05	"	"	"	NE	1	c	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.47	"	53	48	-5	NW	5	c	"	"	"	"	
11th.	Jans.	29.51	55	W	5	c	29.52	+.15	57	53	+4	WNW	6	c	"	59	50	"	
	Sumburgh Hd.	29.49	51	NW	5	c	29.47	-.02	57	47	-10	NW	5	c	"	54	46	"	
	Corunna	"	"	"	"	"	30.10	+.06	69	"	"	NE	4	b	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.46	"	50	47	-3	NW	6	c	"	"	"	"	
12th.	Sumburgh Hd.	29.42	48	NW	6	o	29.35	-.12	52	51	-1	NW	3	c	"	52	44	0.08	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.39	"	54	52	-2	ENE	2	c	"	"	"	"	
13th.	Sumburgh Hd.	29.42	53	ENE	2	c	29.52	+.17	53	50	-3	NE	4	c	"	55	48	0.01	
	Corunna	"	"	"	"	"	29.97	-.10	67	"	+1	E	1	c	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.53	"	52	51	-1	WNW	5	c	"	"	"	"	
14th.	Sumburgh Hd.	29.48	51	WNW	5	c	29.52	+.04	55	53	+2	N	3	b	"	55	48	"	
15th.	Sumburgh Hd.	29.61	56	ESE	1	o	29.67	+.15	58	51	-7	WNW	1	c	"	60	48	"	
	Corunna	"	"	"	"	"	29.97	-.03	64	"	-3	NE	1	b	"	"	"	"	
	Saulon.	29.67	75	NW	8	b	29.80	+.17	59	50	-9	NW	9	b	"	77	57	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.68	"	56	52	-4	WSW	1	c	"	"	"	"	
16th.	Sumburgh Hd.	29.67	54	WSW	1	b-c	29.57	-.10	53	49	-4	SE	1	c	"	57	44	"	
	Corunna	"	"	"	"	"	29.99	-.08	68	"	-1	ESE	1	c	"	"	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.57	"	54	49	-5	SW	1	c	"	"	"	"	
17th.	Sumburgh Hd.	29.55	52	NE	1	o	29.45	-.12	51	48	-3	N	3	c	"	54	45	0.06	
	Bianity.	29.82	72	W	4	b-c	29.82	"	69	63	-6	SW	4	c	"	82	63	"	
	Gyons.	29.80	68	S	1	b	29.67	-.32	69	61	+8	S	3	c	"	76	"	"	
	Sumburgh Hd. 2pm	"	"	"	"	"	29.44	"	51	49	-2	WNW	3	c	"	"	"	"	
18th.	Mullaghmore 2pm	"	"	"	"	"	29.38	"	61	57	-4	N	4	b-c	"	"	"	"	
	Sumburgh Hd.	29.42	53	WNW	3	b-c	29.43	-.02	52	51	-1	NW	3	c	"	54	47	0.08	
	Mullaghmore.	29.44	59	N	4	b	29.61	+.29	54	52	-2	N	4	c	"	62	51	0.28	
	Corunna	"	"	"	"	"	29.80	"	70	"	"								

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

RS.	DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
			Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
					Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
	63.4	Sally	29.59	60	SE	7	C	29.65	- .13	61	60	+ 2	ESE	4	C	5	61	55	0.06	
		Donaghmore	29.84	70	WNW	3	O	29.75	- .18	65	63	- 0	W	1	O	7	70	6	-	
		Sumburgh Hd 2pm	-	-	-	-	-	29.84	-	54	49	-	W	1	O	4	71	6	-	
		Sally 2pm	-	-	-	-	-	29.62	-	52	60	-	NE	4	C	5	71	6	-	
	24.5	Sumburgh Hd	29.77	51	WNW	1	C	29.69	- .08	53	49	+ 5	ENE	3	C	2	57	45	-	
		Sally	29.62	60	WNW	4	C	29.82	+ .17	58	54	- 3	WNW	6	C	5	63	54	0.05	
		Corunna	*	*	*	*	*	30.04	?	63	*	?	SSW	2	C	*	*	*	-	
		Sumburgh Hd 2pm	-	-	-	-	-	29.68	-	55	51	-	E	4	O	3	-	-	-	
		Sally 2pm	-	-	-	-	-	29.86	-	65	61	-	WSW	6	C	5	-	-	-	
	67	Sumburgh Hd	29.68	52	E	8	O	29.68	- .01	50	49	- 5	ENE	1	C	0	54	42	-	
		Sally	29.86	59	WSW	6	O	29.57	- .25	61	61	+ 3	SSW	1	C	6	65	56	0.35	
		Sumburgh Hd 2pm	-	-	-	-	-	29.66	-	52	48	-	E	1	C	1	-	-	-	
		Sally 2pm	-	-	-	-	-	29.49	-	63	62	-	SW	8	C	6	-	-	-	
	89	Haparanda	29.58	51	Z	0	O	29.50	- .11	49	44	- 4	W	2	O	*	59	?	-	
	88	Haparanda	29.55	52	Z	0	C	29.61	+ .05	52	49	0	Z	0	C	*	63	41	-	
	35	Stockholm	29.55	50	WNW	2	C	29.66	+ .34	56	53	+ 3	SW	2	?	*	?	48	-	
		Traby	29.52	54	N	6	O	29.68	+ .27	56	54	- 2	WSW	2	C	*	59	52	0.12	
	25	Skudismors	29.55	52	NW	2	C	29.14	- .44	54	51	0	ENE	6	C	4	51	52	-	
		Ors	29.39	55	SW	4	O	29.52	- .01	57	56	+ 2	ESE	6	C	4	61	54	0.63	
		Sumburgh Hd	29.59	51	E	3	C	29.21	- .47	48	46	- 2	NE	6	O	6	55	46	0.02	
		Sally	29.44	62	SW	8	O	29.49	- .05	58	56	- 3	WSW	6	C	6	63	55	0.18	
	04	Corunna	*	*	*	*	*	29.80	- .29	67	*	+ 4	SW	2	O	5	*	*	-	
		Isleorn	29.97	67	NW	7	-	29.98	-	68	58	+ 4	E	1	C	2	73	63	-	
		Sumburgh Hd 2pm	-	-	-	-	-	29.13	-	50	46	-	ENE	6	O	6	-	-	-	
		Sally 2pm	-	-	-	-	-	29.57	-	60	56	-	W	6	C	6	-	-	-	
	27.5	Sumburgh Hd	29.16	47	ENE	6	O	29.37	+ .16	48	47	0	NW	5	C	5	51	44	0.05	
		Sally	29.60	58	N	6	C	29.70	+ .30	57	53	- 1	WNW	5	C	5	61	53	0.18	
		Corunna	*	*	*	*	*	29.90	+ .10	59	*	- 8	WSW	2	C	*	*	*	-	
		Sumburgh Hd 2pm	-	-	-	-	-	29.49	-	51	47	-	NW	4	C	4	-	-	-	
		Sally 2pm	-	-	-	-	-	29.90	-	59	54	-	WNW	5	C	4	-	-	-	
	28.5	Sumburgh Hd	29.55	47	NW	4	C	29.69	+ .32	50	50	+ 2	N	2	C	4	53	44	0.07	
		Sally	29.94	58	NW	5	C	30.10	+ .31	58	53	+ 1	W	5	C	4	59	54	-	
	29.5	Sumburgh Hd	29.77	50	W	2	C	29.88	+ .19	50	47	0	N	1	C	0	56	43	-	
		Sally	30.09	60	SSW	5	O	29.89	- .21	60	60	+ 2	SSW	6	C	6	64	56	0.17	
		Corunna	*	*	*	*	*	30.09	- .23	60	*	?	SE	1	C	1	*	*	-	
		Lyons	30.24	61	NW	5	C	30.32	+ .30	54	52	- 1	WNW	3	C	4	67	59	-	
	04	Sumburgh Hd 2pm	-	-	-	-	-	29.94	-	50	45	-	NW	3	C	1	-	-	-	
		Sally 2pm	-	-	-	-	-	29.86	-	64	61	-	SW	6	C	5	-	-	-	
	30.5	Sumburgh Hd	29.96	49	NW	5	C	30.06	+ .18	47	42	- 3	N	2	C	5	52	41	-	
		Sally	29.82	61	SW	6	O	29.86	- .03	59	58	- 1	WNW	3	C	1	65	56	0.18	
		Sumburgh 2pm	-	-	-	-	-	30.11	-	49	45	-	N	3	C	2	-	-	-	
		Sally 2pm	-	-	-	-	-	29.96	-	61	58	-	WNW	5	C	5	-	-	-	
	31.5	Sumburgh Hd	30.14	48	N	4	C	30.26	+ .20	49	46	+ 2	N	4	C	3	51	44	-	
		Sally	30.00	58	N	6	O	30.17	+ .31	57	52	- 2	ENE	6	C	4	61	54	-	
		Corunna	*	*	*	*	*	30.99	- .12	65	*	0	NE	2	C	4	*	*	-	
		Sumburgh Hd 2pm	-	-	-	-	-	30.28	-	51	48	-	ENE	5	C	4	-	-	-	
		Sally 2pm	-	-	-	-	-	30.24	-	57	51	-	NE	6	C	4	-	-	-	
2. CORRECTIONS																				
	1st.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.28	
	7th.	Donaghmore	-	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain	
	5th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10	
	11th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	16th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain	
	17th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	18th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	19th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	
	20th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21st.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	22nd.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	23rd.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	24th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	25th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	26th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	27th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	28th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	29th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	30th.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	31st.	Donaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	