

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

F O R

FRIDAY, 1ST JULY.

1881.

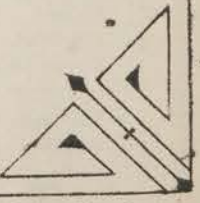
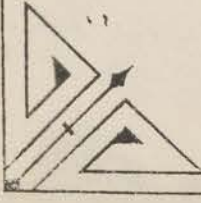
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METEOROLOGICAL OFFICE

116 Victoria St. LONDON.

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ROBERT H. SCOTT
(SECRETARY)

WEATHER CHARTS

for 8 a.m. on

Friday, 1st JULY

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 7 to 9

○ dead calm.

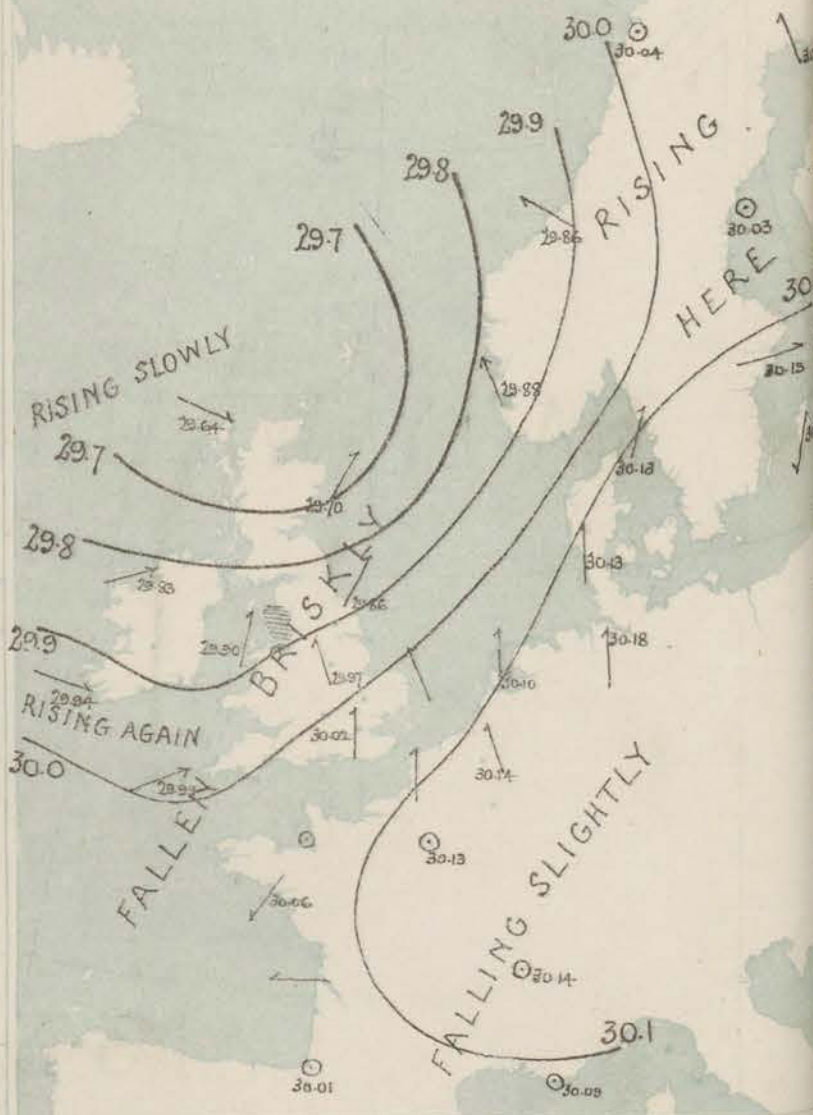
Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough; — High.

MEAN HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings, in.
Nairn	29.383
Aberdeen	29.486
Leith	29.902
Scarborough	29.921
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valencia	29.965
Roch's Pt.	29.970
Plymouth	30.000
LONDON	29.993
Farmouth	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 the 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.

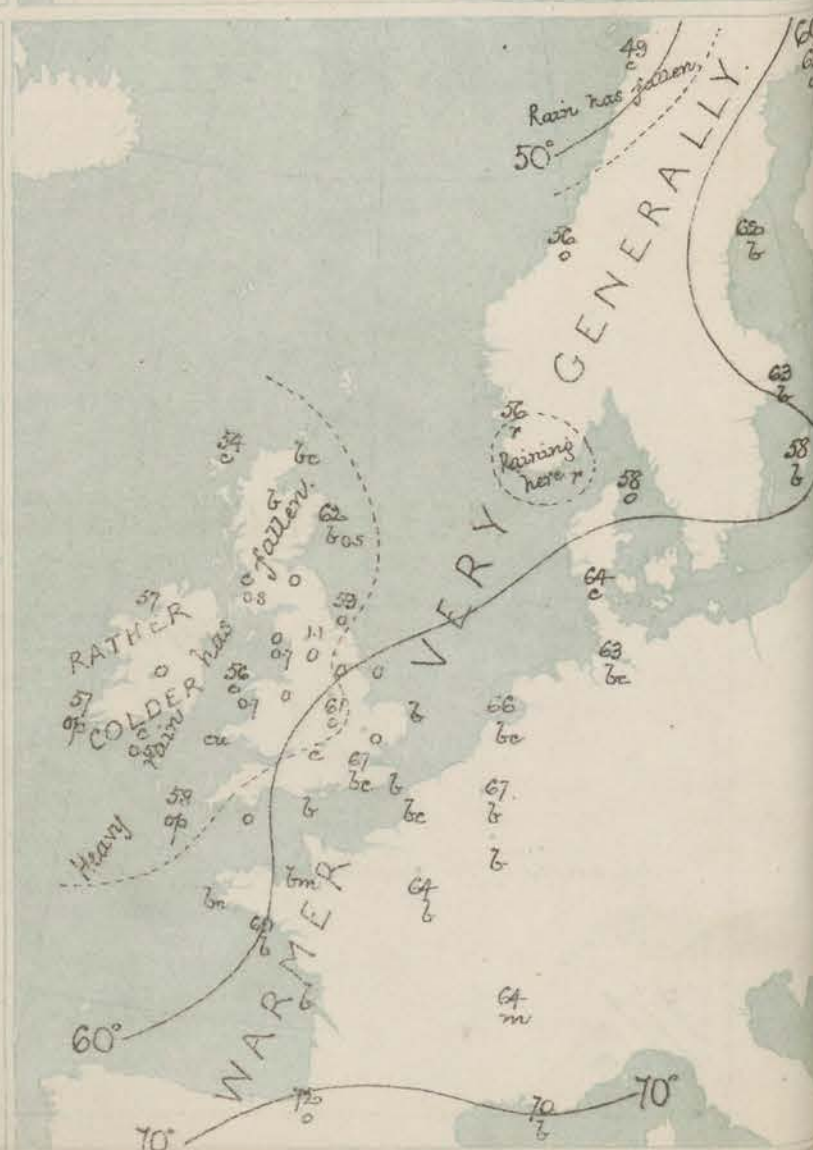
Falls of 0.6 in. or more are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL

for the month of July

Stations	Temp.	Rain-fall
Southburgh Head	63.7	1.23
Swansea	65.3	1.20
Aberdeen	58.3	2.47
Shetland	60.0	2.40
York	61.0	2.00
Malborough	60.2	0
Holyhead	61.0	1.64
Paranstown	60.7	2.79
Valencia	61.1	3.88
Sally (St. Mary's)	60.3	2.39
Ilfracombe	62.8	0
Dever	62.7	2.60
LONDON	64.3	2.30
Farmouth	62.8	2.29

* 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 1st JULY 1881 at 8 a.m.

The depression which lay off our NW. coast yesterday has passed on in a NE. direction, and its centre lies apparently to the NW. of Scotland, while at the same time a small subsidiary disturbance has passed in from the Atlantic over our SW. district. In consequence the barometer is falling over nearly the whole of these Islands, but a slight recovery has commenced on our extreme W. coast. The wind has at the same time veered to the W. at Stromway and in the W. of Ireland, but remains SW. and S. elsewhere; it is generally light or moderate in force, but blows freshly at a few W. stations. The weather is very fine and warm in the NE. and SE. of these Islands, and over France, but is cloudy in the W., with showers in the SW., and dull with continuous rain in Norway. Heavy rain has fallen in the W. Temperature has risen except in Ireland, and ranges from 68° at Dover to 54° at Stromway. The maxima were over 70° at the Central stations. Sea is rough at Barrow in Friesland, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

2nd JULY

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W. winds, moderate; cloudy, some showers.
2 SCOTLAND EAST	SW. winds, moderate or light, cloudy but fair.
3 ENGLAND NE	D.-----D.-----D.-----
4 ENGLAND EAST	SW. and S. winds, light; warm, fine on the whole.
5 MIDLAND COUNTIES	SW. and S. winds, light; cloudy, close.
6 ENGLAND SOUTH	Same as No 3.

6 SCOTLAND WEST	S. winds, light; dull, some rain.
7 ENGLAND N.W.	S. to SW. breezes, light or moderate; dull.
8 ENGLAND S.W.	SW. and W. winds, moderate and fresh; dull, showery.
9 IRELAND NORTH	W. and NW. winds, backing to SW. moderate and fresh, cloudy, some showers.
10 IRELAND SOUTH	D.-----D.-----D.-----
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

13 JULY

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.	Sec. (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.				
Helsingfors	29.47	59	E	2	b	30.01	-0.03	63	59	- 3	S	2	0	*	77	52	-			
Helsinki	30.01	58	Z	0	b	30.03	-0.02	62	57	+ 2	Z	0	0	*	66	45	-			
Stockholm	30.08	57	WSW	2	b	30.15	+0.07	63	54	+ 4	W	4	0	*	72	55	-			
Wisby	30.08	58	WSW	4	b	30.13	+0.09	58	54	+ 2	TIME	2	0	*	64	52	-			
Bodo	30.04	48	NW	1	N	30.04	+0.04	49	48	+ 1	Z	0	0	0	53	45	0.08			
Christiansund	30.10	53	WNW	2	c	29.86	-0.15	56	50	+ 2	SSE	3	0	2	?	43	-			
Skudesnaes	30.08	56	SSE	8	0	29.58	-0.25	56	55	+ 1	SSE	6	N	5	59	55	-			
Oxø (Xausund)	30.17	56	SW	4	b	30.02	-0.12	56	55	- 3	S	6	N	3	61	54	0.20			
Skagen (The Skaw)	30.19	54	WSW	2	b	30.13	-0.05	58	55	0	SSW	3	0	2	68	52	-			
Faro	30.23	57	SSW	2	c	30.13	-0.11	64	60	- 2	S	4	0	*	66	54	-			
Cuxhaven	30.30	?	N	1	c	30.18	-0.08	63	58	- 2	S	1	0	*	66	55	-			
Sumburgh Head																				
Stornoway	29.63	56	S	5	c	29.64	-0.30	56	56	+ 5	WNW	4	0	4	56	49	0.29			
Wick	29.71	52	S	5	0	29.64	-0.44	59	56	+ 5	W	1	0	2	59	50	0.25			
Nairn	29.69	60	Z	0	0	29.66	-0.36	59	56	+ 5	SW	3	0	2	63	52	0.27			
Aberdeen	29.80	52	S	3	0	29.70	-0.37	62	59	+ 8	SW	3	0	2	65	50	0.17			
Leith	29.72	59	SW	1	N	29.77	-0.30	59	54	+ 8	WSW	1	0	*	62	45	0.45			
Shields	29.94	59	SW	4	0	29.86	-0.28	59	56	+ 1	SW	3	0	2	59	50	0.10			
Spurn Head	30.08	64	SSW	5	c	?	?	62	60	+ 2	SSW	4	0	2	64	51	0.02			
York	30.04	64	S	2	0	29.93	-0.28	59	53	+ 3	SSW	3	0	*	65	55	-			
Nottingham	30.09	67	SSW	4	c	29.97	-0.26	61	57	- 1	SSE	3	0	*	70	54	0.01			
Ardrossan	29.79	57	S	4	0	29.76	-0.25	55	53	+ 1	SSW	3	0	2	57	52	0.78			
Mullaghmore	29.75	60	TIME	5	c	29.83	+0.02	57	55	- 2	WSW	5	0	4	63	55	0.40			
Donaghadee	29.82	57	SW	5	0	29.82	-0.15	59	56	+ 6	W	3	0	1	60	53	0.27			
Parsonstown	29.84	62	SSW	2	b	29.88	-0.08	55	54	- 4	WSW	1	0	*	63	53	0.41			
Barrow-in-Furness	29.78	59	S	5	0	29.86	-0.29	57	55	+ 2	SSW	5	0	6	59	54	0.65			
Holyhead	29.98	56	SW	7	NW	29.90	-0.21	56	55	+ 1	SSW	3	0	3	57	53	0.71			
Liverpool (Bidston)	30.01	61	S	3	N	29.91	-0.26	59	54	+ 5	SW	3	0	2	63	54	0.13			
Valentia	29.87	58	E	6	0	29.94	-0.02	57	56	- 1	WNW	3	0	3	61	53	0.42			
Roche's Point	29.92	57	SW	5	0	29.91	-0.14	57	55	+ 1	WSW	4	0	4	62	52	0.52			
Pembroke	30.03	57	SSW	5	0	29.91	-0.26	56	55	0	SW	3	0	2	58	54	0.12			
Scilly	30.11	60	SSW	5	b	29.99	-0.27	58	56	- 1	WSW	5	0	4	63	55	0.04			
Prawle Point	30.20	58	S	2	b	30.02	-0.30	57	56	+ 1	SW	3	0	3	61	54	-			
Hurst Castle	30.21	62	SSW	3	b	30.04	-0.28	62	59	+ 2	WSW	2	0	1	63	56	-			
Dover	30.23	60	WSW	2	b	30.07	-0.27	68	65	+ 6	SSW	1	0	1	68	53	-			
London	30.19	68	SSW	3	b	30.02	-0.30	67	59	+ 6	S	2	0	*	72	52	-			
Oxford	30.13	61	S	3	b	30.00	-0.29	63	57	+ 5	SW	2	0	*	69	54	-			
Cambridge	30.16	67	SSW	1	b	29.99	-0.29	65	59	+ 6	S	1	0	*	71	51	-			
Yarmouth	30.18	64	S	4	b	30.03	-0.26	62	60	- 1	SSE	3	0	2	68	55	-			
The Helder	30.22	63	WSW	1	0	30.10	-0.20	66	59	+ 6	S	1	0	1	72	57	-			
Cape Gris Nez	30.24	63	SSW	1	b	30.09	-0.27	65	58	+ 6	S	3	0	1	?	57	-			
Jersey	30.24	63	SE	1	b	30.08	-0.31	63	59	+ 3	W	1	0	1	69	56	-			
Brest	30.21	64	S	3	b	30.08	-0.26	58	54	+ 2	NW	1	0	3	68	55	-			
Lorient	30.19	67	WNW	1	b	30.06	-0.25	60	54	+ 4	NE	1	0	1	72	55	-			
Rochefort	30.16	66	NW	3	b	30.05	-0.25	66	60	+ 6	E	3	0	1	91	55	-			
Biarritz	30.10	64	ESE	5	b	30.01	-0.26	72	63	+ 2	Z	0	0	3	88	61	-			
Corunna	*	*	*	*	*			*	*						*	*	*			
Brussels	*	*	*	*	*	30.13		67	58		SSE	4	0	*	75	57	-			
Charleville	30.25	71	SSE	1	b	30.10	-0.18	61	54	+ 3	S	1	0	*	75	46	-			
Paris	30.24	60	NE	1	b	30.13	-0.26	64	57	+ 5	Z	0	0	*	*	*	-			
Lyons	30.10	72	WNW	3	b	30.14		64	66		E	1	0	*	75	52	-			
Toulon	30.11	78	Z	0	b	30.09	0.00	70	59	- 3	Z	0	0	1	82	64	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.75	56	SW	5	0	28.64	-0.29	53	52	+ 2	W	4	0	*	56	50	1.06			

HIGH LEVEL STATION.

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

Hawes Junction	28.75	56	SW	5	0	28.64	-0.29	53	52	+ 2	W	4	0	*	56	50	1.06
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wm.	Sen.		Bar.	Dry.	Wet.	Wind.	Wm.	Sen.	
Skudesnaes ...	30.16	59	52	SSW	4	3	Valentia ...	29.93	58	57	SW	6	50	6
Sumburgh Head							Scilly ...	30.17	63	60	SSW	6	0	0
Stornoway ...	29.74	53	53	SSW	5	d	Dover ...	30.30	68	60	SW	3	6	1
Aberdeen ...	29.95	53	51	SSE	3	d	London ...	30.24	70	60	S	4	60	*
Shields ...	30.02	58	56	SW	4	0	Yarmouth ...	30.23	62	58	SSE	5	6	3
Ardrossan ...	29.84	56	55	S	5	0	Jersey ...	30.32	66	59	SSE	1	6	1
Mullaghmore ...	29.78	61	60	SW	6	0	Rochefort ...	30.25	40	68	ENE	4	6	2
Holyhead ...	30.06	57	56	SW	6	NW								

The barometer is falling everywhere - most in the NW - and the depression is passing slowly NW. The wind is moderate to fresh from S. and SW, while the weather is dull and wet in the W. and N. and fine and bright in the SE. Temperature ranges from 70° in London to 52° at Melk.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; n. haze, 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

SATURDAY, 2ND JULY.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are {
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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Saturday 2nd JULY

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

→ 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,

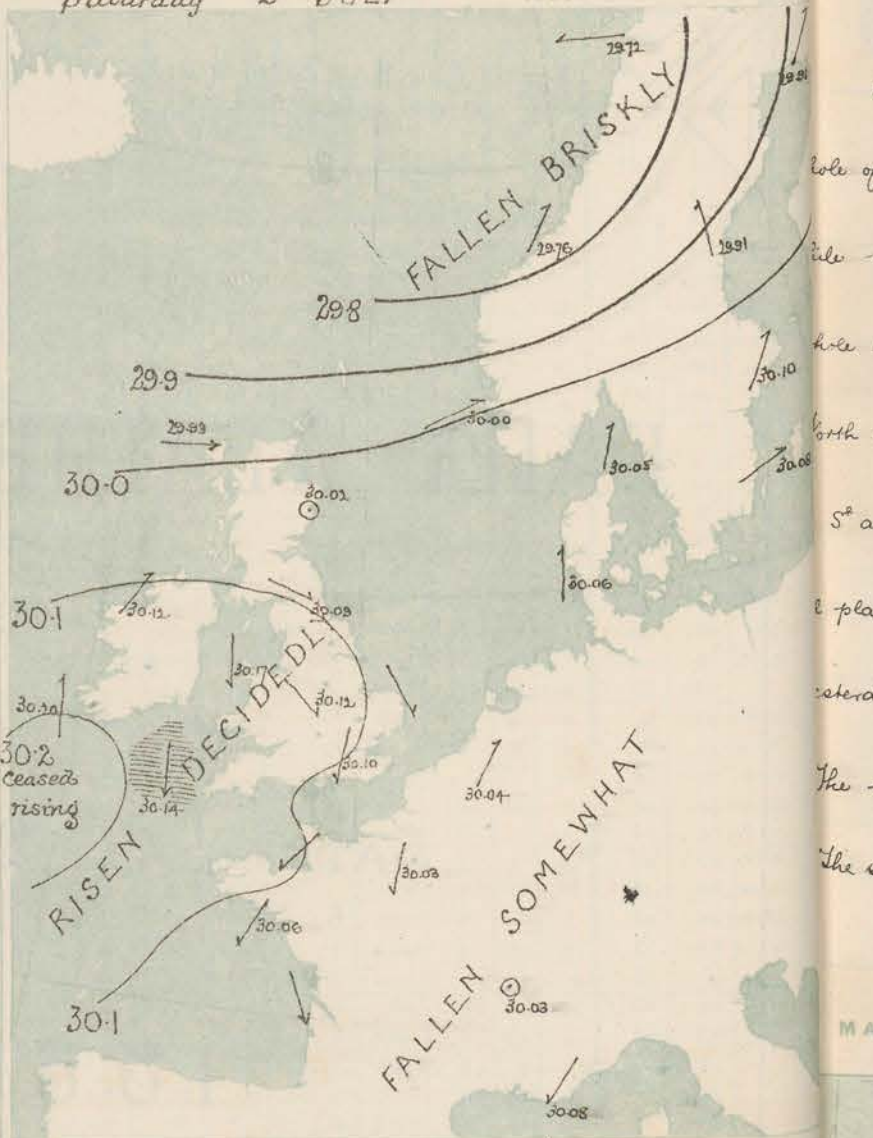
thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings
Nairn	29.883
Aberdeen	29.856
Leith	30.003
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Vermouth	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 0.5 in. or more are quoted

in figures.

MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations	Temp	Rain-fall
Sandburgh Head	53.7	1.23
Stornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Shillaghmore	60.2	0
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valentia	61.1	3.88
Sally (St Mary's)	62.4	2.99
Hurst Castle	62.8	0
Dover	62.7	2.69
LONDON	64.3	2.30
Vermouth	62.5	2.50

* 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 2nd July, 1881, at 8 a.m.

Very quiet conditions prevail over Western Europe this morning. The mercury has risen over the whole of these Islands and their neighbourhood, and a large anticyclone is advancing over us from the West, although a slight decrease of pressure has occurred over Scandinavia readings are very uniform over the whole of our area. The wind is N^W over Scotland, and N^W to S^W over the countries to the End of the North Sea, but over England and France N^W and N^E breezes are reported, while in the N. of Ireland the wind S^W and S^N. On nearly all coasts it is light or moderate. Temperature has fallen a few degrees in nearly all places and readings from 69° at Dover to 54° in the N. of Scotland and 53° at Parsonstown. The maxima yesterday were 80° in London and at Cambridge, and 75° at Oxford. Very high temperatures prevail in Sweden. The weather is fine except on our W. and N. coasts, where the sky is cloudy. Scarcely any rain has fallen. The sea is slight except at Scilly.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

3rd JULY

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	W ^W breezes, moderate and light; cloudy, fair.
2 SCOTLAND EAST	Light W ^W and N ^W breezes; fine and warm.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	Light N ^W breezes; fine, warm.
5 MIDLAND COUNTIES	Light variable or N ^W winds; fair, warm, hazy.
6 ENGLAND SOUTH	-----D°-----D°-----D°-----

6 SCOTLAND WEST	W ^W and S ^W breezes, light; cloudy, close.
7 ENGLAND N.W.	Light N ^W breezes; fair, warm.
8 ENGLAND S.W.	N ^W breezes, light and fresh; fine, warm.
9 IRELAND NORTH	S ^W and W ^W winds, light and moderate, cloudy, close.
10 IRELAND SOUTH	S ^W winds, light; fair to cloudy and close.
WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

2nd JULY

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 ...	29.97	58	S	2	b	29.91	- 10	59	54	- 4	SW	4	b	*	66	57	-		
Hernösand ...	29.91	61	S	2	b	29.91	- 12	62	56	0	S	4	b	*	72	43	-		
Stockholm ...	30.09	62	WSW	2	b	30.10	- 05	67	59	+ 4	SW	2	o	*	73	55	-		
Wisby ...	30.08	58	SSW	4	b	30.08	- 05	65	61	+ 4	WSW	2	o	*	70	50	-		
Bodö ...	29.75	60	NNE	2	c	29.72	- 32	53	51	+ 4	E	2	c	1	61	46	0.04		
Christiansund ...	29.73	55	SW	2	c	29.76	- 10	57	54	+ 1	SW	3	o	2	64	45	0.04		
†Skudesnaes ...	29.92	55	S	6	o	30.00	+ 12	55	54	- 1	WSW	2	o	4	73	55	-		
Oxö (Xiansund) ...	30.03	56	S	4	o	30.04	+ 02	61	60	+ 5	W	2	m	2	72	55	0.35		
Skagen (The Skaw)	30.10	58	WSW	2	r	30.05	- 08	61	59	+ 3	SSW	3	o	3	64	55	0.12		
Fanö ...	30.07	62	SW	1	c	30.06	- 07	65	62	+ 1	S	4	c	*	72	57	-		
Cuxhaven ...	30.06	?	SSW	1	b	30.07	- 11	65	60	+ 2	S	1	c	*	74	55	-		
†Sumburgh Head																			
†Stornoway ...	29.87	54	WNW	4	o	29.93	+ 29	54	54	- 2	W	5	o	4	57	49	0.05		
Wick ...	29.81	54	NW	3	o	29.98	+ 34	54	51	- 5	W	3	o	3	62	48	0.10		
Nairn ...	29.86	59	SW	1	o	30.00	+ 34	55	51	- 4	SW	2	o	1	66	49	-		
†Aberdeen ...	29.84	65	Z	0	c	30.02	+ 32	62	55	0	SE	1	b	2	70	49	-		
Leith ...	29.99	64	W	1	b	30.03	+ 31	55	53	- 4	NW	1	b	*	67	48	-		
†Shields ...	29.93	65	N	2	c	30.09	+ 23	55	52	- 4	WNW	4	c	2	66	49	-		
Spurn Head ...	29.96	63	W	1	b	30.10	?	60	58	- 2	NNE	3	b	3	69	56	-		
York ...	29.97	64	W	1	c	30.11	+ 18	58	53	- 1	NNW	1	b	*	67	48	-		
Nottingham ...	29.98	66	NW	2	b	30.12	+ 15	67	61	+ 6	NW	2	b	*	73	49	-		
†Ardrossan ...	29.93	56	NW	3	c	30.10	+ 34	58	53	+ 3	W	2	c	2	59	51	-		
†Mullaghmore ...	30.06	58	NW	5	b	30.12	+ 29	58	53	+ 2	SW	4	o	3	60	53	0.01		
Donaghadee ...	30.00	54	NW	5	o	30.14	+ 32	57	54	- 2	NW	3	b	1	64	46	-		
Parsonstown ...	30.07	58	WNW	1	o	30.19	+ 31	53	51	- 2	WSW	1	o	*	63	44	-		
Barrow-in-Furness	29.99	59	WSW	4	b	30.12	+ 26	54	52	- 3	NW	4	c	4	61	51	-		
†Holyhead ...	30.00	62	SW	3	b	30.17	+ 27	56	53	0	N	2	c	1	64	53	-		
Liverpool (Bidston)	29.99	59	W	1	c	30.16	+ 25	56	52	- 3	WNW	2	b	1	63	53	-		
†Valentia ...	30.15	57	NNW	4	m	30.20	+ 26	56	53	- 1	S	3	em	3	61	50	-		
Roche's Point ...	30.09	58	NW	4	c	30.19	+ 28	55	52	- 2	SE	1	b	3	63	50	-		
Pembroke ...	29.98	58	WSW	2	b	30.12	+ 21	58	56	+ 2	NE	2	o	2	61	53	-		
†Scilly ...	30.03	61	WNW	4	c	30.14	+ 15	60	58	+ 2	N	5	c	5	63	55	-		
Prawle Point ...	30.04	59	WSW	3	c	30.13	+ 11	63	59	+ 6	NE	1	b	1	63	50	-		
Hurst Castle ...	30.01	61	W	3	b	30.09	+ 05	64	60	+ 2	ESE	3	b	2	65	53	-		
†Dover ...	29.99	65	SW	1	b	30.06	- 01	69	64	+ 1	N	3	b	1	71	57	-		
†London ...	29.97	80	SSW	2	b	30.10	+ 08	66	59	- 1	NNE	1	o	*	80	51	-		
Oxford ...	30.01	64	W	3	b	30.12	+ 12	62	56	- 1	NNW	2	b	*	75	54	-		
Cambridge ...	29.96	73	N	1	c	30.11	+ 12	62	58	- 3	N	1	c	*	80	53	-		
†Yarmouth ...	29.66	64	S	4	b	30.07	+ 04	63	58	+ 1	NNW	1	b	1	68	55	-		
The Helder ...	30.02	69	ESE	1	b	30.04	- 06	64	60	- 2	WSW	1	c	1	79	57	-		
Cape Gris Nez																			
†Jersey ...	30.07	63	NNW	3	b	30.13	+ 05	59	57	- 4	NE	1	wn	1	66	52	0.01		
Brest ...	30.10	62	NNW	3	o	30.12	+ 04	56	55	- 2	NNW	3	o	2	66	50	-		
Lorient ...	30.02	65	WNW	5	b	30.06	00	58	55	- 2	NE	4	b	2	70	54	-		
†Rochefort ...	29.98	63	NW	7	o	30.01	- 04	64	61	- 2	NNW	5	o	2	79	59	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*										*	*	*		
Brussels ...	*	*	*	*	*	30.04	- 09	68	60	+ 1	SW	3	o	*	81	60	-		
Charleville ...	30.04	?	S	1	b	30.04	- 16	68	58	+ 7	SE	1	b	*	79	54	-		
Paris ...	29.98	75	ESE	1	b	30.03	- 10	64	57	0	NNE	1	b	*	*	*	-		
Lyons ...	29.95	83	NNE	1	b	30.03	- 11	67	60	+ 3	SE	1	b	*	86	59	-		
Toulon ...	30.09	75	W	5	b	30.08	- 01	68	62	- 2	NE	1	m	1	77	63	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.73	56	WSW	3	c	28.88	+ 24	51	48	- 2	W	3	c	*	59	46	-		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.89	55	55	S	7	2	Valentia ...	30.09	59	54	NNW	4	o	5
Sumburgh Head							Scilly ...	30.01	62	59	WNW	4	c	4
Stornoway ...	29.73	55	55	WNW	5	0	Dover ..	30.01	71	64	W	1	b	1
Aberdeen ...	29.75	67	59	WSW	3	b c	London ...	29.97	77	67	SSW	4	b	*
Shields ...	29.88	65	59	W	3	c	Yarmouth ...	29.97	65	60	S	4	b	3
Ardrossan ...	29.88	58	55	SW	2	c	Jersey ...	30.08	63	60	WNW	2	b c	2
Mullaghmore ...	29.94	57	55	N	5	o g v	Rochefort ...	29.99	78	70	NW	4	b	1
Holyhead ...	29.96	62	59	SW	4	c								

The barometer is falling in the SE. with a Sth breeze and very fine weather, but elsewhere the wind is W^{ly} to N^{ly} and the weather dull. Temperature ranges from 77° in London to 55° 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

SUNDAY, 3RD JULY

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 Sunday 3rd JULY.

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.

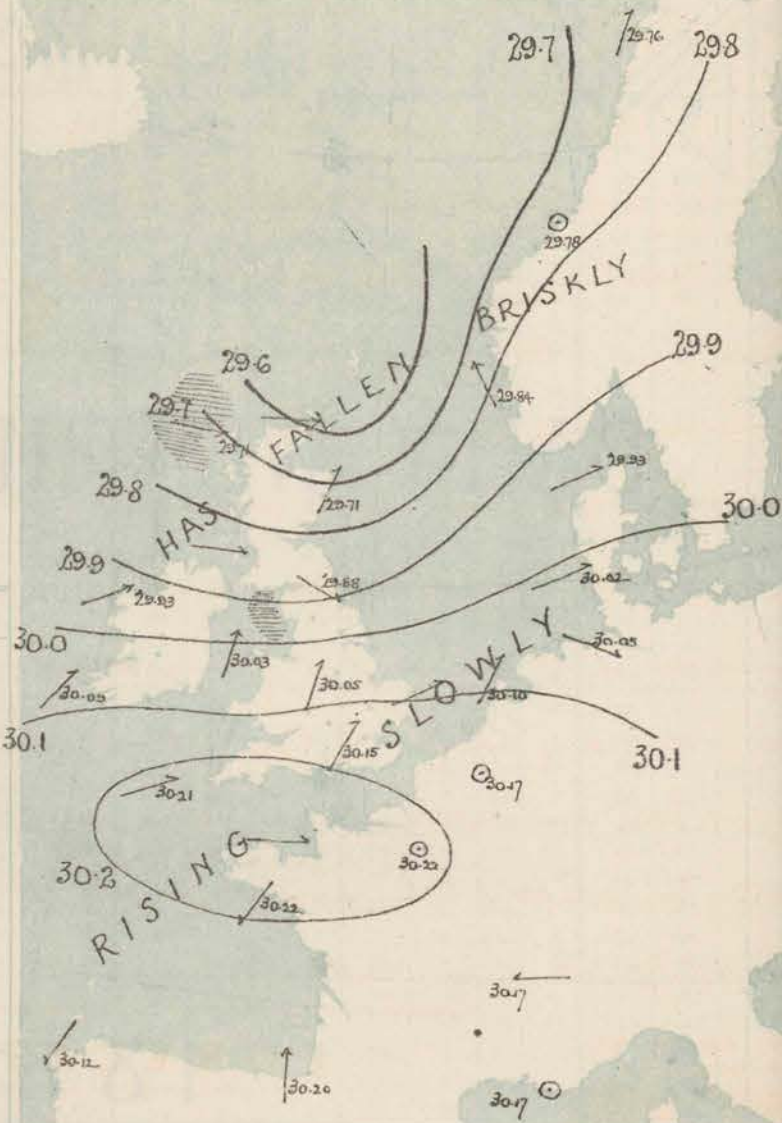
Wind Arrows show the prevalent winds.
They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10;
→→ forces 5 to 7; →→ forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings In.
Nairn	29.443
Aberdeen	29.586
Guthrie	29.907
Scarborough	29.991
Ardrossan	29.929
Greenock	29.917
Holyhead	29.996
Valencia	29.965
Boche's Pt.	29.970
Plymouth	30.010
LONDON	29.983
Wormouth	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.

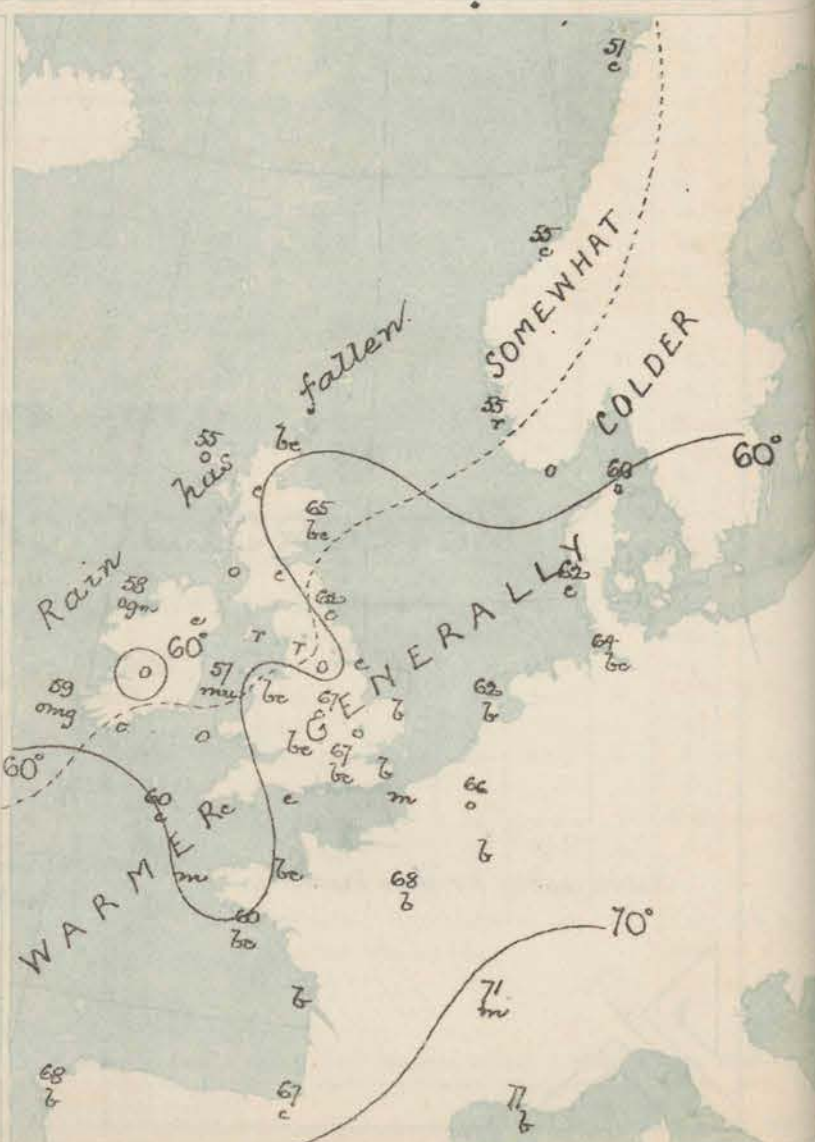
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp.	Rain-fall
Sandwich Head	52.7	7.23
Stormway	55.3	1.90
Aberdeen	58.3	2.47
Shetlands	59.0	2.30
York	61.0	2.08
Mullaghmore	60.4	2.00
Holyhead	61.0	1.69
Parslowtown	61.7	2.79
Valencia	61.7	3.88
Sally (St Mary's)	63.4	2.48
Burra Castle	62.8	2.00
Dover	62.7	2.00
LONDON	64.3	2.30
Wormouth	62.5	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 SUNDAY, 3RD JULY, 1881, at 8 a.m.

During the latter part of yesterday a new barometrical depression appeared on our north west coasts, and the winds over the northern parts of our Islands therefore backed to the S^W, while rain became very general at the Scotch and Irish stations. The centre of the depression has now advanced to the neighbourhood of the Shetlands, and the winds in the north have returned to the W^W, while the weather there, although still cloudy, has once more become dry. Over the southern parts of the Kingdom, and also in France conditions have been very little, if at all, affected by the disturbance, and an anticyclone is now found over the N of France, producing light W^W winds, with fine warm weather, in the south of England, and light E^W breezes over France. The thermometer has risen in nearly all places since yesterday, and now varies from 55° at Stornoway, 56° at Pembroke and 59° in the south of Ireland to 67° at Nottingham and in London. The highest maxima reported over England yesterday were 75° at Cambridge and 76° at Nottingham and in London. Sea is moderate or slight on most 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
- WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 3RD JULY 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																			
Hernösand																			
Stockholm																			
Visby																			
Bodö	29.79	50	SW	4	c	29.76	+ .04	51	47	- 2	SSW	4	c	3	61	46	0.04		
Christiansund	29.87	55	WNW	2	o	29.78	+ .02	55	52	- 2	ESE	1	c	1	55	43	0.04		
†Skudesnes	30.00	55	W	2	o	29.84	- .16	55	53	- 2	SSE	6	r	4	59	55	-		
Oxö (Xämsund)	29.97	59	WSW	4	b	29.92	- .05	57	56	- 1	SW	4	o	2	64	54	-		
Skagen (The Skaw)	29.94	59	SSW	2	b	29.93	- .01	60	58	- 2	WSW	2	o	1	58	52	-		
Fano	30.02	58	L	0	b	30.02	- .04	62	59	- 3	WSW	4	c	*	7	55	-		
Cuxhaven	30.05	50	ENE	1	b	30.05	- .02	64	62	- 2	WNW	2	b	*	7	59	-		
†Sumburgh Head																			
†Stornoway	29.79	51	S	6	o	29.71	- .08	55	55	+ 1	W	5	o	5	56	50	0.08		
Wick	29.97	54	WNW	2	r	29.61	- .36	60	50	+ 10	W	7	b	4	60	50	0.12		
Nairn	29.98	55	SW	1	o	29.67	- .31	60	58	+ 2	WSW	5	c	3	61	55	0.09		
†Aberdeen	29.95	59	SW	3	r	29.71	- .24	65	59	+ 6	SSW	2	b	2	66	56	0.34		
Leith	29.98	65	W	2	o	29.84	- .14	59	55	+ 4	NW	5	c	*	69	55	0.05		
†Shields	30.04	58	SSW	1	o	29.88	- .16	61	59	+ 2	WNW	3	c	2	65	54	-		
Spurn Head	30.09	58	ENE	4	c	30.01	- .08	61	57	+ 4	SW	4	c	3	64	57	-		
York	30.09	65	W	2	c	30.00	- .09	59	56	+ 3	WSW	3	o	*	70	56	-		
Nottingham	30.10	69	S	2	c	30.05	- .05	67	60	+ 7	SW	2	c	*	77	55	-		
Ardrossan	29.98	55	S	3	up	29.86	- .12	57	55	- 2	W	4	o	3	60	53	0.05		
†Mullaghmore	29.99	58	SW	7	rgw	29.93	- .06	58	57	+ 1	SW	5	mg	4	60	54	0.21		
Donaghadee	30.00	53	SW	3	o	29.90	- .10	60	58	+ 2	WSW	3	c	1	64	53	0.05		
Parsonstown	30.02	61	SSW	1	o	30.03	- .01	61	59	+ 2	SW	1	o	*	62	53	0.02		
Barrow-in-Furness	30.11	55	SW	3	o	30.00	- .11	56	56	+ 0	SW	5	d	5	60	54	0.07		
†Holyhead	30.11	59	SSW	3	o	30.03	- .08	57	56	+ 1	SSW	5	m	3	61	54	0.02		
Liverpool (Bidston)	30.11	59	NW	1	o	30.02	- .09	63	58	+ 5	WSW	3	b	1	64	54	-		
†Valentia	30.10	58	SSW	4	o	30.09	- .01	59	59	+ 0	SW	4	mg	4	60	55	0.09		
Roche's Point	30.15	57	WSW	4	o	30.10	- .05	59	57	+ 2	WSW	4	c	4	63	55	-		
Pembroke	30.13	57	WNW	2	c	30.09	- .04	56	56	+ 0	WSW	4	o	2	62	55	-		
†Scilly	30.17	60	NW	4	c	30.21	+ .04	60	58	- 2	WSW	4	c	4	63	54	-		
Prawle Point	30.16	53	W	2	b	30.22	+ .06	57	56	- 1	W	3	c	2	67	50	-		
Hurst Castle	30.12	58	W	3	c	30.40	+ .28	63	59	- 4	WSW	3	c	1	73	55	-		
†Dover	30.11	63	E	1	b	30.16	+ .05	66	61	- 5	SW	3	b	1	72	59	-		
†London	30.11	73	NW	2	b	30.15	+ .04	67	58	+ 9	SW	3	b	*	76	58	-		
Oxford	30.12	66	L	0	c	30.14	+ .02	62	56	+ 6	WSW	4	b	*	72	57	-		
Cambridge	30.09	70	N	1	b	30.11	- .02	64	57	+ 7	SW	1	o	*	75	54	-		
†Yarmouth	30.11	63	NNE	1	b	30.08	- .03	67	57	+ 10	WSW	3	b	2	67	58	-		
The Helder	30.09	61	NW	1	c	30.10	+ .01	62	59	- 3	SW	1	o	1	66	57	-		
Cape Gris Nez	30.14	64	NE	1	b	30.17	+ .03	61	60	+ 1	S	3	m	1	75	59	-		
†Jersey	30.17	65	NNW	3	b	30.28	+ .11	61	60	+ 1	W	2	b	2	70	58	-		
Brest	30.17	62	N	4	b	30.26	+ .09	57	57	+ 0	NE	3	m	3	66	54	-		
Lorient	30.09	72	NE	4	b	30.22	+ .13	60	55	+ 5	NE	4	b	1	73	56	-		
†Rochefort	30.02	72	NW	5	b	30.13	+ .09	68	66	+ 2	SE	3	b	2	52	59	-		
Biarritz	30.10	65	N	3	r	30.20	+ .10	67	64	+ 3	S	7	c	3	70	59	0.12		
Corunna	*	*	*	*	*	30.12	- .08	68	*	-	NE	2	b	4	*	*	*		
Brussels	*	*	*	*	*	30.17	+ .05	66	60	- 6	NW	1	b	*	81	59	-		
Charleville	30.27	75	NNE	1	o	7	?	66	58	- 8	NNE	1	b	*	79	55	-		
Paris	30.10	75	L	0	b	30.22	+ .12	68	61	+ 7	L	0	b	*	*	*	-		
Lyons	30.01	84	SE	1	b	30.17	+ .06	71	62	+ 9	E	1	m	*	91	52	-		
Toulon	30.09	75	W	1	b	30.17	+ .08	77	68	+ 9	SW	1	b	1	81	59	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,195 ft.) above M.S.L.																			
Hawes Junction	28.86	52	WSW	4	or	28.74	- .12	53	52	+ 1	WSW	5	r	*	59	49	0.12		

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.65	59	55	W	4	c	3	Valentia ...	30.16	58	55	SW	4	c	4
Sumburgh Head								Scilly ...	30.16	62	60	NNW	4	c	5
Stornoway ...	29.91	64	64	SW	5	r	5	Dover ..	30.09	65	60	E	3	b	2
Aberdeen ...	29.99	61	55	SSE	3	c	2	London ...	30.10	72	66	NNW	1	c	*
Shields ...	30.07	63	58	WNW	3	b	2	Yarmouth ...	30.12	64	59	NNE	2	b	2
Ardrossan ...	30.05	58	55	S	2	o	1	Jersey ...	30.15	68	64	N	1	b	1
Mullaghmore ...	30.03	58	55	SSW	4	rgp	4	Rochefort ...	30.02	75	68	NW	5	b	2
Holyhead ...	30.14	60	56	SW	3	o	2								

The barometer has again begun to give away at all our W. stations, the change being accompanied by a freshening of the winds from S and SW on our W. coast, & showers in places.

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 (but 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, 4TH JULY

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Monday 4TH JULY 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.

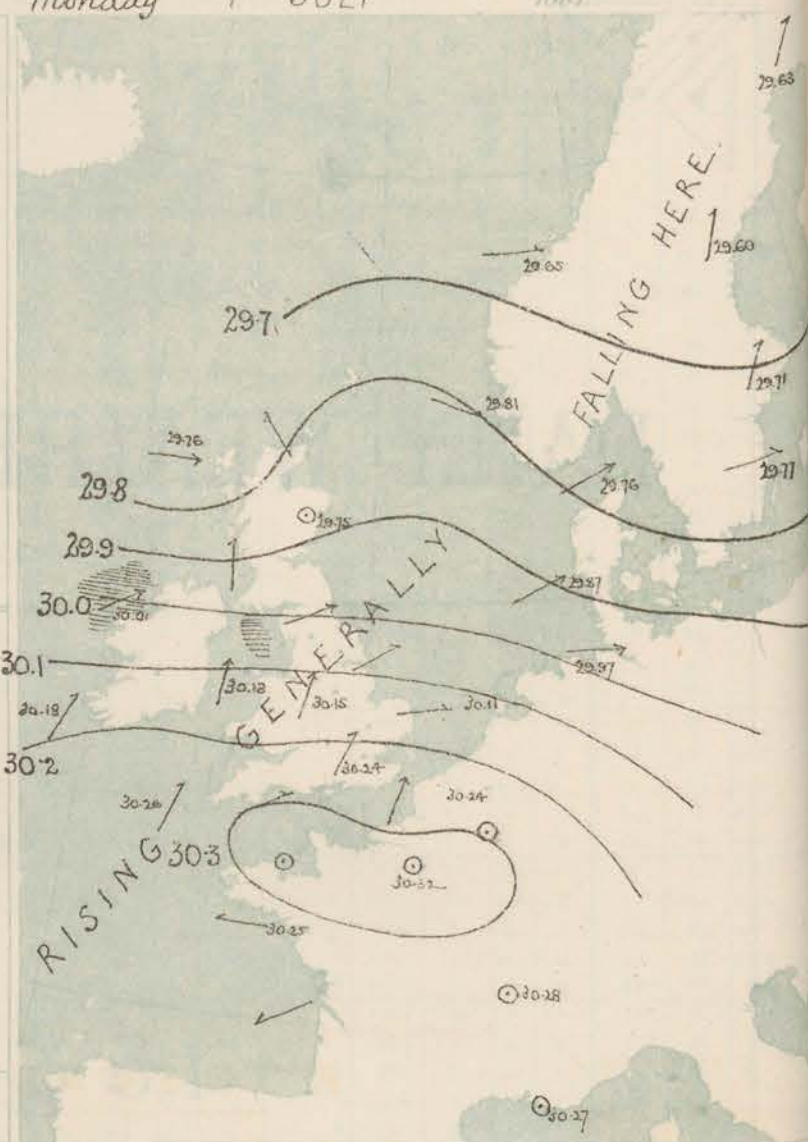
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.921
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Roches Pt.	29.970
Plymouth	30.000
LONDON	29.983
Vermouth	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.

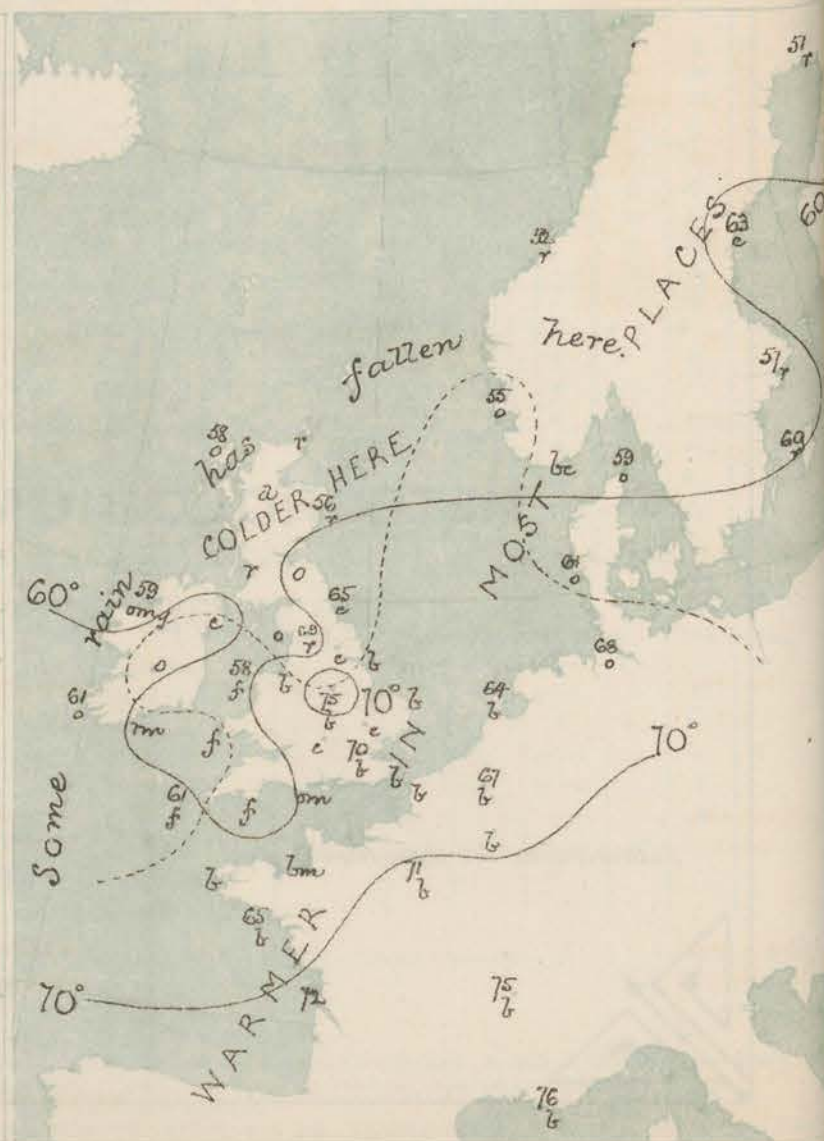
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp.	Rain-fall
Sanbury Head	53.7	1.23
Scalloway	55.3	1.30
Aberdeen	58.3	2.47
Shetlands	60.0	2.40
York	61.0	2.06
Mullingmore	60.2	2.06
Holyhead	61.0	1.69
Paranstown	60.7	2.79
Valentia	61.1	3.58
Sally (St. Mary's)	63.3	2.49
Burst Castle	62.8	2.06
Dover	62.7	2.03
LONDON	64.3	2.30
Vermouth	62.5	2.39

* The mean Temperatures are those for the 13 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY, 4TH JULY, 1881, at 8 a.m.

The barometer is rising over the whole of these Islands and their neighbourhood, but is falling somewhat over Denmark and the south of Norway.

A large area of high pressure lies over France and the south of England, while a shallow depression is advancing over the north of Scotland.

The wind is E^{ly} over France, but is S^W and W^{ly} elsewhere; it is light or moderate in force generally but blows freshly on our north-west and north-east coasts, as well as on the eastern shores of the North Sea. The weather is dull and rainy all over Ireland and Scotland, as well as in Norway and Denmark, but is exceedingly fine and bright over France and the east and south-east of England. Temperature has fallen in the north-east of Scotland, but is high and rising over England; readings range from 75° at Nottingham to 53° at Wick, and the maxima yesterday were 82° at Nottingham and in London. The sea is rough at Barrow-in-Furness and Mullaghmore.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon on the

5TH JULY

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

S^{ly} winds, moderate and fresh; dull and rainy, then fair.

6 SCOTLAND WEST

Same as No. 1 and 1.

7 SCOTLAND EAST

8° 8° 8°

7 ENGLAND N.W.

S^W winds moderate and fresh; cloudy, foggy, close.

2 ENGLAND N.E.

S^W winds, moderate and fresh; cloudy, close.

8 ENGLAND S.W.

S^W and W^{ly} winds, light; cloudy and foggy, close.

3 ENGLAND EAST

W^{ly} and S^W winds, light or moderate; fine and warm weather continuing.

9 IRELAND NORTH

S^{ly} and S^W winds, moderate; dull and rain, then clearing somewhat, but still cloudy and close.

4 MIDLAND COUNTIES

8° 8° 8°

10 IRELAND SOUTH

8° 8° 8°

5 ENGLAND SOUTH

8° 8° 8°

WARNINGS

None issued

METEOROLOGICAL OBSERVATIONS FOR 4TH JULY 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. 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 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).									Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.74	51	S	4	0	29.63		51	50				SW	4	T	*	61	50	—
Hernösand	29.70	58	S	4	0	29.60		63	57				SSW	2	C	*	66	52	—
Stockholm	29.84	60	SSE	2	0	29.71		57	56				SW	2	T	*	77	?	0.08
Wisby	29.90	64	WSW	4	0	29.77		60	58				W	4	T	*	77	57	—
Bodo																			
Christiansund	29.53	55	E	2	T	29.65	— 13	52	51	— 2			W	3	T	2	55	43	0.28
†Skudesnaes	29.78	55	SW	4	0	29.81	— 03	55	52	0			WNW	4	0	4	55	54	—
Orö (Xiansund)	29.82	56	SW	4	0	29.76	— 16	59	58	+ 2			SW	6	0	2	?	54	0.12
Skagen (The Skaw)	29.84	57	WSW	3	0	29.76	— 17	59	57	— 1			WSW	5	0	4	63	54	0.04
Fanö	29.99	60	WSW	6	0	29.87	— 15	61	60	— 1			WSW	6	0	*	64	57	0.12
Cuxhaven	30.04	?	W	4	0	29.97	— 08	68	65	+ 4			W	6	0	*	70	61	—
†Sumburgh Head																			
†Stornoway	29.73	54	SSW	4	T	29.76	+ 05	58	58	+ 3			W	5	0	4	58	49	0.44
Wick	29.75	57	WN	5	T	29.80	+ 19	53	53	— 7			SE	3	T	4	64	50	0.30
Nairn	29.75	59	Z	0	T	29.80	+ 13	57	56	— 3			Z	0	0	1	66	54	0.24
†Aberdeen	29.77	63	SW	1	T	29.85	+ 14	58	56	— 9			Z	0	T	1	71	52	0.15
Leith	29.82	63	WSW	1	0	29.92	+ 11	64	61	+ 5			WSW	1	0	*	70	59	0.13
†Shields	29.90	67	WSW	7	0	29.98	+ 10	65	62	+ 3			WSW	5	0	2	67	58	0.13
Spurn Head	30.03	68	SW	4	C	30.08	+ 07	67	65	+ 6			WSW	4	0	3	72	61	—
York	30.03	69	SW	4	0	30.08	+ 08	67	64	+ 8			W	2	0	*	69	58	—
Nottingham	30.07	74	SW	5	C	30.15	+ 10	75	68	+ 8			SSW	6	0	*	82	64	—
†Ardrossan	29.81	59	SW	5	T	29.94	+ 08	57	56	0			S	4	T	3	60	55	0.22
†Mullaghmore	29.89	62	WSW	7	T	30.01	+ 08	59	58	+ 1			WSW	5	0	5	66	57	0.10
Donaghadee	29.91	69	SW	5	C	30.01	+ 11	66	63	+ 6			SW	5	0	3	71	60	—
Parsonstown	30.05	68	SSW	3	0	30.13	+ 10	64	62	+ 3			SW	2	0	*	69	60	—
Barrow-in-Furness	30.04	59	SW	5	0	30.07	+ 07	58	57	+ 2			SW	4	0	5	65	56	—
†Holyhead	30.07	59	SSW	5	m	30.12	+ 10	58	57	+ 1			SSW	5	f	4	61	54	—
Liverpool (Bilston)	30.04	67	SW	4	C	30.11	+ 10	69	63	+ 6			SW	3	0	4	69	62	—
†Valentia	30.10	63	WSW	6	C	30.18	+ 09	61	60	+ 2			SW	4	0	4	64	57	0.01
Roche's Point	30.16	57	WSW	4	0	30.20	+ 10	58	57	— 1			WSW	3	rm	4	62	55	—
Pembroke	30.14	57	WSW	4	f	30.19	+ 10	58	58	+ 2			SW	3	f	2	58	56	0.01
†Scilly	30.24	61	WSW	3	f	30.24	+ 05	61	61	+ 1			SW	4	f	4	64	55	0.01
Prawle Point	30.25	62	W	2	bc	30.30	+ 08	58	58	+ 1			W	2	f	2	64	55	—
Hurst Castle	30.21	63	W	5	C	30.27	+ 07	61	60	— 2			WSW	3	om	2	66	58	—
†Dover	30.16	63	WSW	4	b	30.23	+ 07	64	62	0			WSW	3	0	2	69	59	—
†London	30.17	76	SW	2	bc	30.24	+ 09	70	64	+ 3			SW	2	0	*	81	62	—
Oxford	30.18	66	SW	4	C	30.22	+ 08	64	62	+ 4			WSW	4	C	*	74	61	—
Cambridge	30.14	74	SW	1	C	30.18	+ 27	67	64	+ 3			WSW	1	C	*	79	60	—
†Yarmouth	30.08	76	W	2	0	30.15	+ 07	69	64	+ 2			W	4	0	1	79	61	—
The Helder	30.10	63	SW	1	C	30.11	+ 01	64	61	+ 2			WSW	2	0	2	70	63	—
Cape Gris Nez	30.19	60	SW	5	C	30.26	+ 09	60	59	— 1			SW	5	0	3	66	57	—
†Jersey	30.30	65	WNW	2	0	30.34	+ 06	65	62	+ 4			WNW	1	bm	1	69	55	—
Brest	30.28	64	N	5	0	30.27	+ 01	66	60	+ 9			SE	2	0	1	66	55	—
Lorient	30.23	72	WN	1	C	30.24	+ 02	65	57	+ 5			E	4	0	1	84	5	—
†Rochefort	30.19	73	WNW	3	0	30.22	+ 09	71	67	+ 4			ENE	4	0	2	82	61	—
Biarritz																			
Corunna	*	*	*	*	*												*	*	*
Brussels	*	*	*	*	*	30.24	+ 07	67	62	+ 1			WSW	3	0	*	79	59	—
Charleville	30.22	84	SW	3	0	30.30	?	66	57	0			SE	1	0	*	79	52	—
Paris	30.22	80	Z	0	0	30.32	+ 10	71	60	+ 3			Z	0	0	*	*	*	—
Lyons	30.18	86	NNE	1	0	30.28	+ 11	75	64	+ 4			NNW	1	0	*	93	76	—
Toulon	30.18	73	SW	5	0	30.27	+ 10	76	58	— 1			NE	1	0	1	82	61	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.77	59	WSW	5	T	28.81	+ 10	57	56	+ 4			SW	5	T	*	59	53	0.85

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

Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.
Skudesnaes	29.78	54	53	S	8	T	6	Valentia				
Sumburgh Head								Scilly				
Stornoway								Dover				
Aberdeen								London				*
Shields								Yarmouth				
Ardrossan								Jersey				
Mullaghmore								Rochefort	30.21	7	7	SE 1 0
Holyhead												

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 5TH JULY.

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 Tuesday 5TH JULY 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.

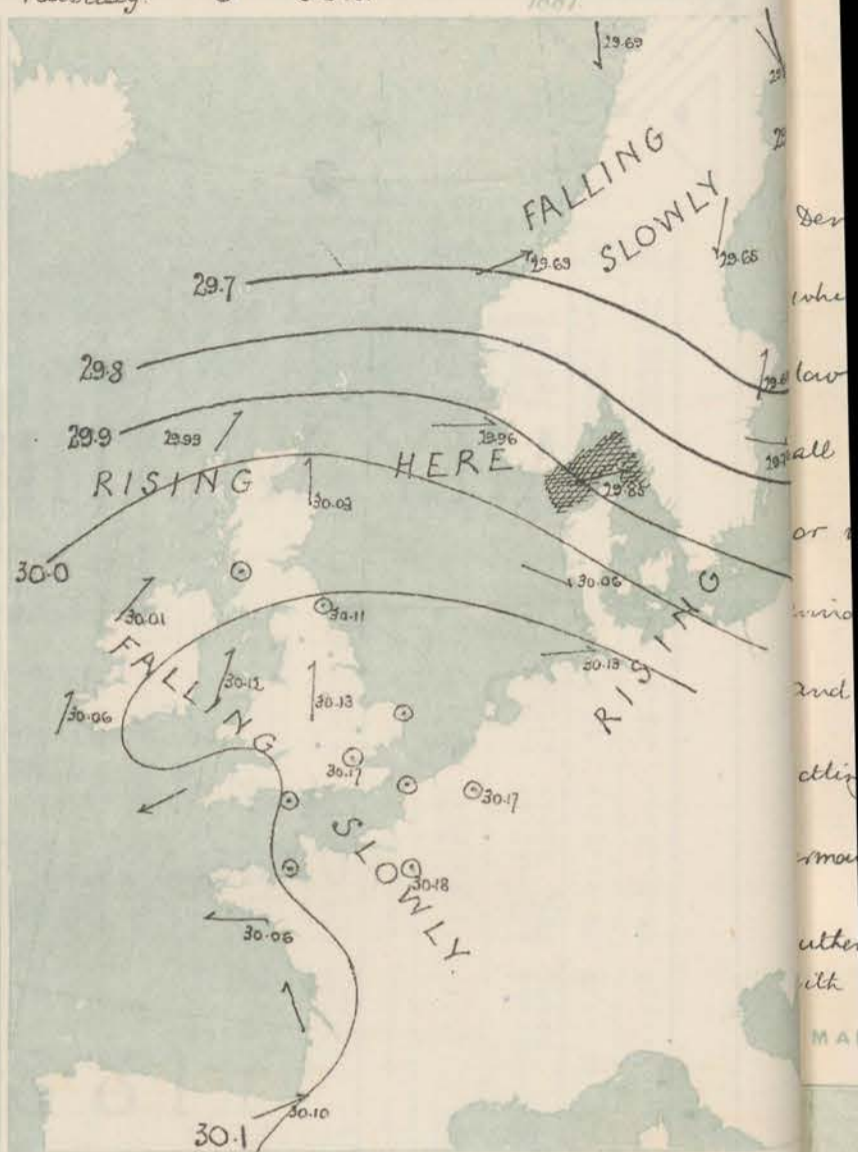
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings Ins.
Nairn	29.583
Aberdeen	29.586
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Roche's Pt.	29.950
Plymouth	30.000
LONDON	29.983
Vermouth	29.970

* 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.

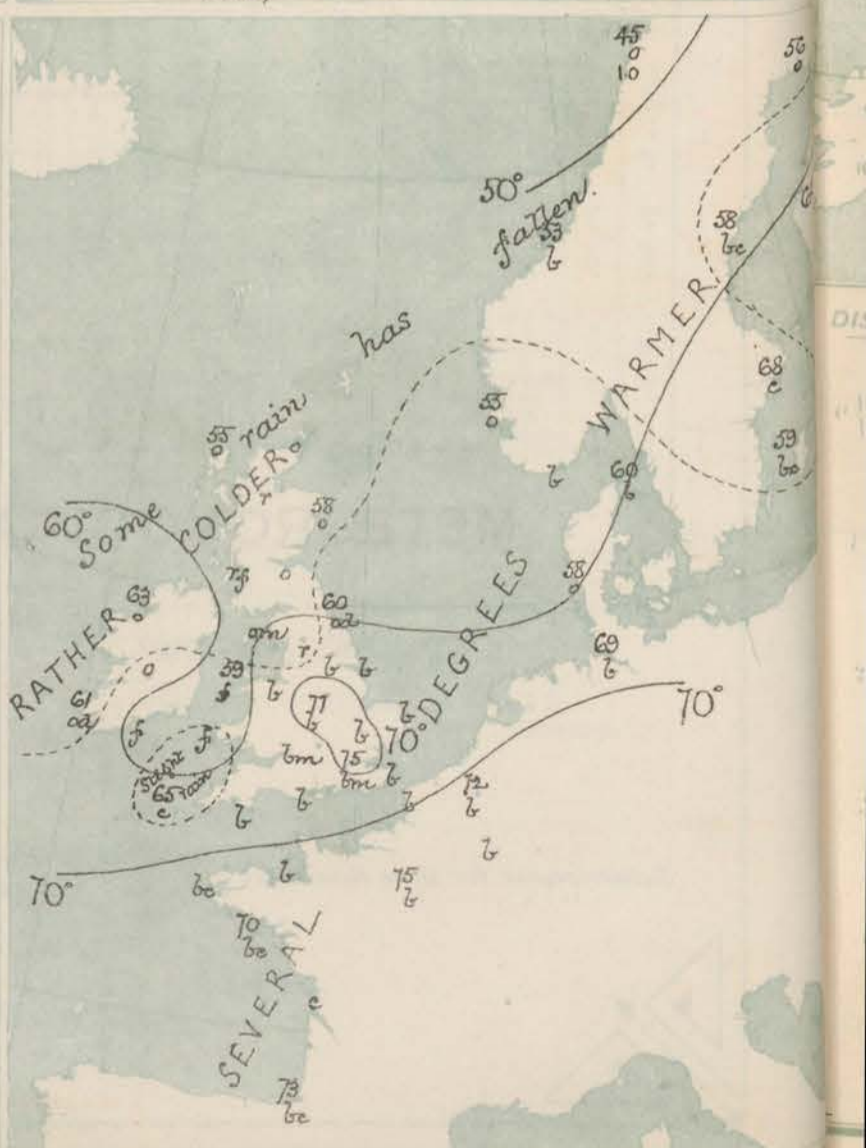
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations.	Temp.	Rain-fall
Sandburgh Head	53.3	1.23
Severmouth	55.3	1.2
Aberdeen	58.3	2.42
Shields	60.0	2.40
York	61.0	2.00
Mullaghmore	60.2	?
Holyhead	61.0	1.60
Parsanstown	60.7	2.79
Valentia	61.1	2.88
Sally (St Mary's)	63.3	2.49
Ilfracombe	62.8	?
Dover	62.7	2.03
LONDON	64.2	2.30
Vermouth	62.5	2.59

* The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1870 to 1879.



REMARKS

for TUESDAY 5TH JULY 1881 at 8 a.m.

The mercury is falling somewhat except over the south of Scandinavia, Denmark and at some of our northern and eastern stations, and the anticyclone which lies in the south seems to be breaking up slowly. A large area of

low pressure is shown in the far north, and moderate to strong W winds hold all over Norway and Denmark, while over the greater part of these Islands light or moderate S^h to W winds are reported, and over France and the Channel E^h winds.

Temperature has fallen except at our eastern and southern stations, and over France where it has risen; readings range from 75° in London and 77° at Nottingham to 55° in north Scotland. The maxima yesterday were 104° at Rochefort and 87° at Southampton, Nottingham and in London. The weather is very fine all over the south eastern and northern parts of England as well as over north Germany and France, but elsewhere the sky is cloudy with slight rain. The sea is slight round our coasts.

MAP SHOWING DISTRICTS.

FORECASTS

for the 24 hours ending at Noon on the

6TH JULY

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



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^h and W ^h winds, light; dull, slight rain.
2 SCOTLAND EAST	Very light S ^h and W ^h breezes; dull, close, slight rain.
3 ENGLAND N.E.	-----
4 ENGLAND EAST	Variable light breezes; fine to cloudy. Very warm.
5 MIDLAND COUNTIES	Very light S ^h and E ^h breezes; very fine and warm, then more cloudy.
6 ENGLAND SOUTH	-----

6 SCOTLAND WEST	S ^h breezes, light; dull, slight rain.
7 ENGLAND N.W.	S ^h breezes, light; dull, close.
8 ENGLAND S.W.	E ^h and variable breezes, light; cloudy, very close.
9 IRELAND NORTH	S ^h and S ^h breezes, light or moderate; dull, slight rain, close.
10 IRELAND SOUTH	-----
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 5th JULY 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.			
	Barometer at 29° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	SHADE TEMP.		Amount of Rain.			
			Dirac.	Force, (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force, (0 to 12).	Weather.		Max.	Min.				
Haparanda	29.60	51	Z	0	0	29.60	—	55	56	—	5	N	2	0	*	50	0.28			
Hernösand	29.67	63	NW	7	0	29.63	—	58	57	—	5	NW	2	0	*	60	—			
Stockholm	29.68	60	W	7	0	29.64	—	58	61	—	4	SW	2	0	*	57	0.08			
Wisby	29.73	59	W	4	0	29.70	—	59	55	—	3	W	2	0	*	66	—			
Bodo	29.74	56	NW	2	0	29.69	—	55	52	—	—	N	2	0	*	66	0.42			
Christiansund	29.73	53	NW	1	0	29.69	—	53	50	—	1	NW	2	0	*	55	0.39			
Skudesnaes	29.70	54	SW	4	0	29.70	—	53	52	—	0	W	4	0	*	59	—			
Oslo (Kristiania)	29.59	50	WSW	6	0	29.56	—	50	55	—	0	W	6	0	*	63	—			
Skagen (The Skaw)	29.55	57	W	7	0	29.54	—	60	50	—	1	W	7	0	*	64	—			
Faro	29.50	60	W	6	0	29.56	—	58	57	—	2	NW	2	0	*	63	—			
Cuxhaven	30.08	7	NW	5	0	30.12	—	69	64	—	1	W	10	0	*	57	—			
Sumburgh Head	29.94	36	NNH	10	0	29.99	—	55	52	—	3	SW	3	0	*	58	0.01			
Stornoway	29.94	36	NNH	10	0	30.01	—	55	51	—	2	W	3	0	*	64	0.05			
Wick	29.92	36	NNH	10	0	30.01	—	55	52	—	2	Z	0	+	*	68	0.02			
Nairn	29.95	64	Z	0	0	30.00	—	55	52	—	2	Z	0	+	*	68	—			
Aberdeen	29.95	65	NNH	10	0	30.03	—	58	53	—	2	S	1	0	*	75	0.03			
Leith	30.07	64	W	1	0	30.07	—	59	55	—	5	W	1	0	*	62	—			
Shields	30.07	66	W	3	0	30.11	—	60	59	—	5	NW	1	0	*	72	—			
Spurn Head	30.11	74	WNW	10	0	30.10	—	69	64	—	2	NE	1	0	*	80	—			
York	30.10	70	W	10	0	30.10	—	69	66	—	2	SW	1	0	*	81	—			
Nottingham	30.16	50	WSW	10	0	30.16	—	71	70	—	2	S	2	0	*	87	—			
Ardrossan	30.08	58	WNW	2	0	30.05	—	71	64	—	2	ESE	1	0	*	62	0.02			
Mullaghmore	30.12	59	WSW	1	0	30.01	—	63	62	—	4	SW	3	0	*	63	0.03			
Donaghadee	30.13	58	W	3	0	30.07	—	63	63	—	3	SW	3	0	*	60	0.03			
Parsonstown	30.17	65	SW	1	0	30.07	—	62	62	—	0	SW	1	0	*	65	0.01			
Barrow-in-Furness	30.15	58	SW	3	0	30.15	—	58	57	—	0	SW	2	0	*	74	0.03			
Holyhead	30.17	59	SSW	4	0	30.12	—	59	58	—	1	SSW	2	0	*	61	—			
Liverpool (Customs)	30.17	65	WNW	1	0	30.12	—	71	61	—	2	ESE	1	0	*	76	—			
Valentia	30.19	63	WSW	2	0	30.06	—	61	60	—	—	SSW	4	0	*	65	0.06			
Roche's Point	30.22	60	WSW	3	0	30.10	—	58	57	—	0	SW	3	0	*	67	—			
Pembroke	30.26	50	SW	2	0	30.11	—	59	56	—	1	ESE	1	0	*	61	0.02			
Scilly	30.25	56	NNE	1	0	30.05	—	65	61	—	4	ENE	5	0	*	67	0.01			
Prawle Point	30.25	56	W	2	0	30.14	—	60	61	—	10	ENE	3	0	*	73	—			
Hurst Castle	30.24	67	WSW	2	0	30.17	—	67	65	—	6	Z	0	0	*	70	—			
Dover	30.22	61	WSW	3	0	30.17	—	65	60	—	—	NW	1	0	*	67	—			
London	30.20	59	WNW	1	0	30.17	—	75	64	—	5	S	1	0	*	87	—			
Oxford	30.23	73	WSW	2	0	30.15	—	67	64	—	1	Z	0	0	*	79	—			
Cambridge	30.17	77	SW	1	0	30.15	—	63	67	—	3	SW	1	0	*	80	—			
Yarmouth	30.12	85	W	2	0	30.17	—	69	64	—	0	SE	1	0	*	87	—			
The Helder	30.16	66	SW	2	0	30.17	—	66	63	—	2	W	1	0	*	73	—			
Cape Gris Nez	30.25	64	SW	5	0	30.19	—	67	66	—	7	S	1	0	*	77	—			
Jersey	30.28	77	NE	1	0	30.15	—	76	68	—	11	E	1	0	*	79	—			
Brest	30.18	73	E	4	0	30.05	—	73	64	—	7	ESE	5	0	*	90	—			
Lorient	30.15	7	ESE	1	0	30.04	—	70	61	—	2	E	4	0	*	95	—			
Rochefort	30.12	63	NW	4	0	30.07	—	70	69	—	2	SE	4	0	*	104	—			
Biarritz	30.27	93	E	5	0	30.10	—	73	70	—	—	NW	3	0	*	99	—			
Corunna	30.24	83	E	5	0	30.10	—	73	70	—	—	NW	3	0	*	99	—			
Brussels	30.24	83	E	5	0	30.10	—	73	70	—	—	NW	3	0	*	99	—			
Charleville	30.24	83	E	5	0	30.10	—	73	70	—	—	NW	3	0	*	99	—			
Paris	30.24	83	E	5	0	30.10	—	73	70	—	—	NW	3	0	*	99	—			
Lyons	30.21	88	NE	1	0	30.21	—	76	65	—	1	SSW	1	0	*	89	—			
Toulon	30.23	77	Z	0	0	30.22	—	74	62	—	2	E	4	0	*	82	—			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,185 ft.) above M.S.L.																				
Hawes Junction	29.41	56	SW	5	0	29.40	—	58	57	—	1	W	3	0	*	52	0.30			

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

Hawes Junction	29.91	56	SW	5	0	29.90	—	58	57	—	1	W	3	0	—	—	—	—	—
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.		Wsa.	Sea.		Bar.	Dry.	Wet.	Wind.		Wsa.	Sea.
Skudesnaes ...	29.91	57	54	W	2	0	4	Valentia ...	30.22	63	62	SW	4	0	4
Sumburgh Head								Scilly ...	30.26	67	63	Z	0	0	4
Stornoway ...	29.98	54	54	W	5	0	5	Dover ..	30.26	63	60	WNW	3	0	2
Aberdeen ...	29.97	69	63	WSW	1	0	1	London	30.23	83	69	WSW	3	0	4
Shields ...	30.03	70	66	WNW	4	0	2	Yarmouth ...	30.15	80	70	W	2	0	1
Ardrossan ...	30.04	60	57	W	4	0	3	Jersey...	30.28	75	61	Z	0	0	0
Mullaghmore ...	30.12	58	57	W	3	0	3	Rochefort ...	30.19	101	78	E	5	0	5
Holyhead...	30.17	61	59	SSW	6	0	4								

Pressure is increasing generally with light or moderate SW and W breezes. Cloudy skies and some rain prevail in the N, and very fine hot weather in the SE. Temperature ranges from 60° at Yarmouth 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; 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 3 p.m. daily (Sundays excepted).

† Received too late for insertion in *Chronicle*.



DAILY WEATHER REPORT

FOR

WEDNESDAY, 6TH JULY

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

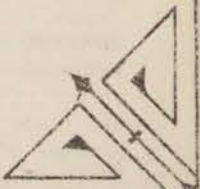
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Wednesday 6th JULY 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.

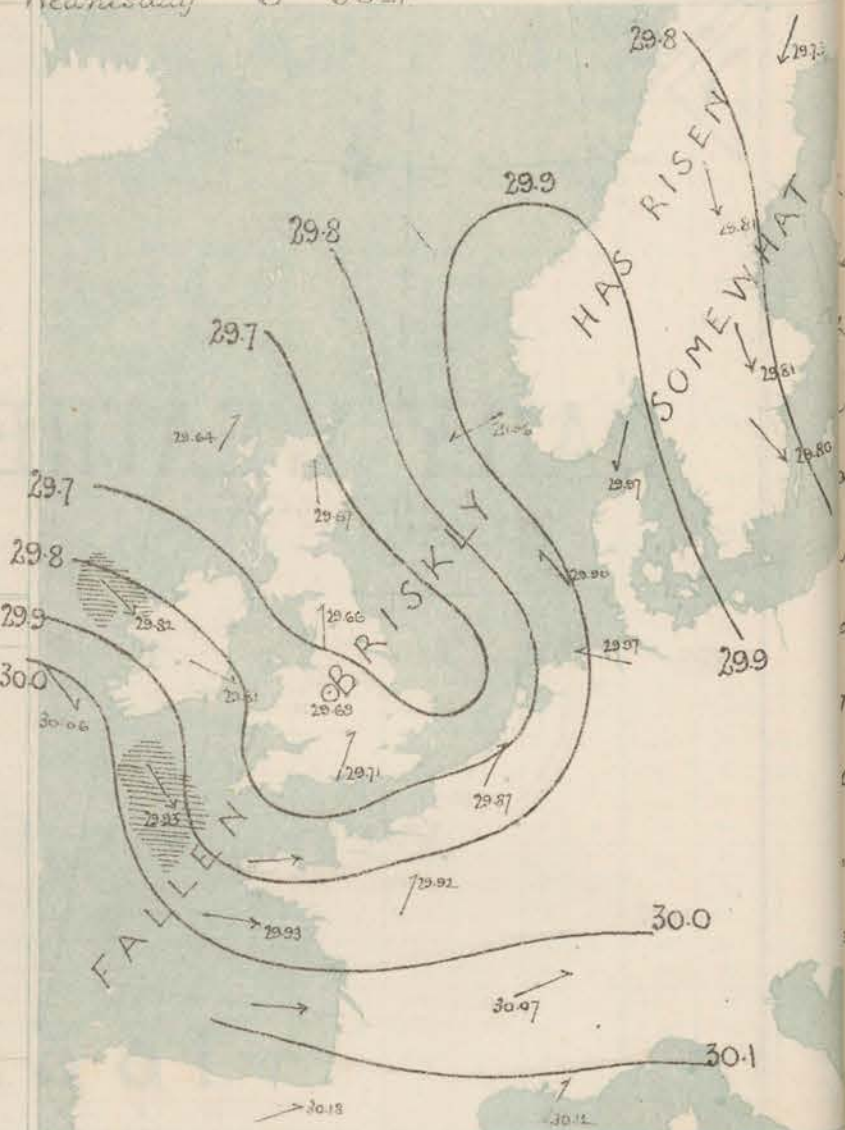
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings in.
Nairn	29.553
Aberdeen	29.545
Leith	29.907
Scarborough	29.901
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valencia	29.969
Boche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Farmouth	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 0.5 in. or more are quoted in figures.

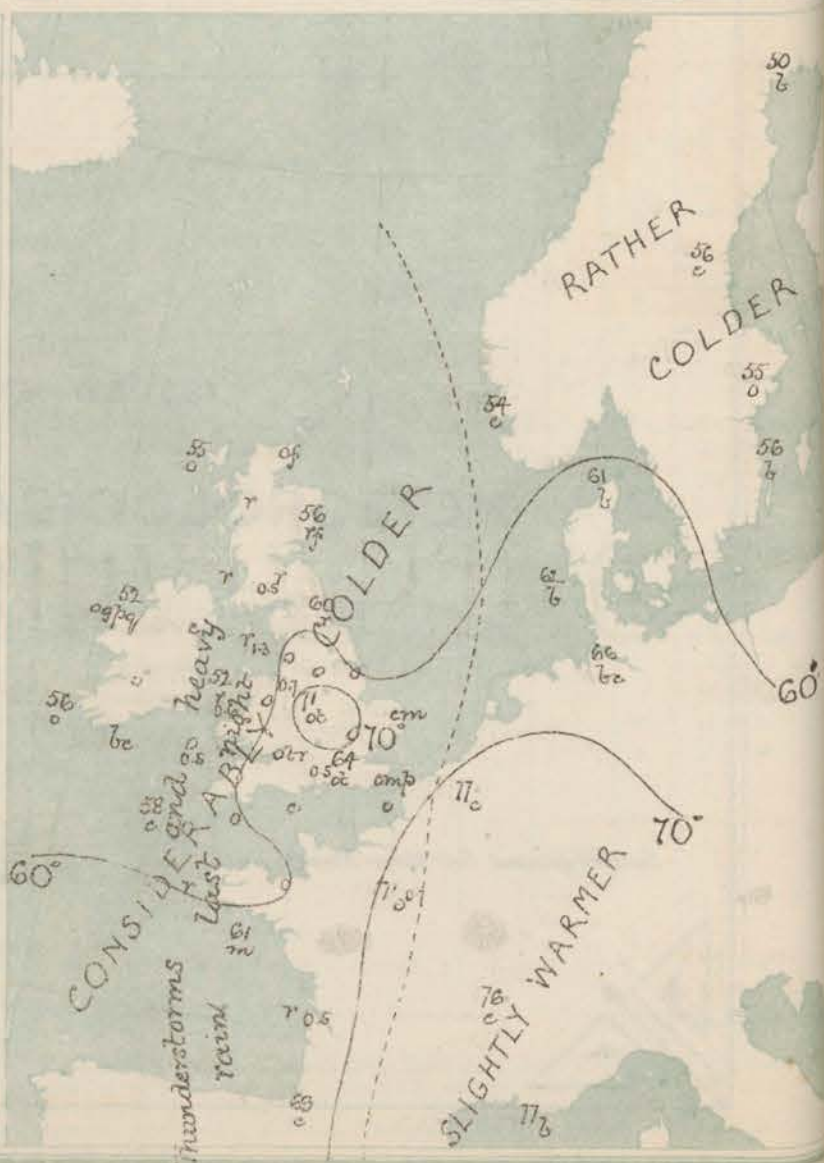
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations	Temp.	Rain-fall
Sunderburgh Head	53.7	1.25
Stornoway	55.3	1.20
Aberdeen	56.3	2.27
Shielda	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.29
Valencia	65.1	3.88
Sally (St Mary's)	65.3	2.48
Hurst Gable	62.8	?
Dover	62.7	2.63
LONDON	64.3	2.30
Farmouth	62.3	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 WEDNESDAY, 6TH JULY, 1881, at 8 a.m.

During the past twenty-four hours a brisk fall of the barometer has occurred over the whole of these Islands, and several well-marked depressions are advanced over us. They are apparently moving slowly E^{ward}, and a recovery has commenced on our south-west coasts, but elsewhere the mercury still falls. A fresh to strong N^{orth} breeze is blowing on our west coasts, and a strong W^{est} wind over France, but over the eastern and central parts of England and the whole of Scotland variable winds between S. and E. prevail. Temperature has decreased several degrees all over the country, and readings at present range from 71° at Nottingham to 52° at Mullaghmore. The maxima yesterday were 92° in London, 91° at Nottingham and 89° at Cambridge. Severe thunderstorms prevailed last night except over Ireland, and more than an inch of rain fell at Barrow-in-Furness. This morning the weather remains very dull, thundery and rainy. Sea is rough at Mullaghmore and Sillly.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

7TH JULY

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	SW ^{ly} to NW ^{ly} winds, moderate to strong and squally. Showers.
2	SCOTLAND EAST	Light SW breezes, subsequently NW ^{ly} ; rainy, unsettled, cooler.
3	ENGLAND N.E.	8° ————— 8° ————— 8°
4	ENGLAND EAST	Variable to NW ^{ly} winds; sharp showers.
5	MIDLAND COUNTIES	8° ————— 8° ————— 8°
6	ENGLAND SOUTH	SW ^{ly} to W ^{ly} and NW ^{ly} winds, moderate to strong; close, showery.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	NW ^{ly} winds, fresh; showery.
7	ENGLAND N.W.	SW ^{ly} to NW ^{ly} winds, moderate and fresh; unsettled, showery.
8	ENGLAND S.W.	NW ^{ly} and W ^{ly} winds, strong; dull, showery.
9	IRELAND NORTH	W ^{ly} and NW ^{ly} winds, strong; showery, unsettled.
10	IRELAND SOUTH	W ^{ly} to N ^{ly} winds, moderate and fresh; showery.
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 6TH JULY 1881.

	† YESTERDAY EVENING.						9 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	29.65	51	NE	4	c	29.73	+ .13	50	48	-	6	NE	6	b	*	59	50	-	
Hernösand	29.62	53	WNW	4	c	29.81	+ .16	58	56	-	2	N	8	c	*	64	43	0.03	
Stockholm	29.67	51	WNW	2	b	29.81	+ .12	55	48	-	13	N	6	c	*	73	52	-	
Wisby	29.73	60	W	6	b	29.80	+ .04	56	51	-	3	NNW	6	b	*	72	54	-	
Bodö																			
Christiansund																			
†Skudesnaes	30.03	53	WN	2	c	29.96	00	54	51	-	1	ENE	2	c	3	59	52	-	
Oxö (Xannasund)	29.96	59	WNW	4	b	29.99	+ .13	58	52	-	1	NE	2	b	2	61	48	-	
Skagen (The Skaw)	29.90	57	W	8	b	29.97	+ .12	61	54	+	1	NNE	3	b	3	64	55	-	
Fanö	30.06	55	WNW	1	b	29.99	- .07	62	57	+	4	SE	4	b	*	64	52	-	
Cuxhaven	30.14	?	WN	3	c	29.97	- .16	66	62	-	3	ESE	3	b	*	70	53	-	
†Sumburgh Head																			
†Stornoway	29.84	52	SW	2	b	29.64	- .35	55	55	0		SW	3	c	3	55	49	0.29	
Wick	29.93	54	SSE	2	c	29.66	- .35	53	53	-	2	SE	1	c	3	63	49	-	
Nairn	29.89	55	W	2	c	29.65	- .37	55	54	0		W	0	c	1	59	51	0.06	
†Aberdeen	29.96	55	S	2	c	29.67	- .36	56	56	-	2	S	1	c	2	64	52	0.04	
Leith	29.92	63	E	1	c	29.65	- .42	59	54	0		E	1	c	*	64	53	0.53	
†Shields	29.94	66	SSE	3	b	29.66	- .45	60	59	0		S	2	c	2	76	56	0.98	
Spurn Head	29.96	65	ESE	4	b	29.71	- .43	60	59	-	9	SE	2	c	2	70	58	0.09	
York	29.94	81	SW	1	c	29.70	- .44	65	62	-	4	SE	1	c	*	84	61	0.40	
Nottingham	29.96	84	SSE	2	b	29.69	- .44	71	68	-	6	SE	1	c	*	91	64	0.14	
†Ardrossan	29.91	63	W	0	c	29.70	- .35	54	53	-	1	WN	2	c	1	67	53	0.12	
†Mullaghmore	29.84	66	SW	2	c	29.82	- .39	52	56	-	11	WNW	7	c	6	70	46	0.04	
Donaghadee	29.90	54	SSE	2	c	29.76	- .31	54	53	-	9	WN	4	c	2	64	52	0.22	
Parsonstown	29.86	73	WNW	1	b	29.92	- .15	54	50	-	10	WN	4	c	*	75	51	-	
Barrow-in-Furness	29.93	69	NE	1	c	29.71	- .44	56	55	-	2	WN	4	c	4	77	55	1.27	
†Holyhead	29.92	63	WNW	1	c	29.81	- .31	52	52	-	7	WNW	3	c	2	70	52	0.62	
Liverpool (Bidston)	29.93	72	WNW	1	b	29.75	- .37	53	52	-	18	W	5	c	4	84	53	0.70	
†Valentia	29.92	60	WSW	3	c	30.06	00	58	57	-	5	WN	4	c	3	64	51	-	
Roche's Point	29.89	63	SW	3	c	29.94	- .16	55	49	-	3	NNW	6	b	4	68	50	-	
Pembroke	29.85	65	ESE	1	c	29.81	- .30	52	51	-	5	WN	4	c	2	74	51	0.50	
†Scilly	29.84	65	NNW	4	c	29.93	- .12	58	55	-	7	WN	7	c	5	69	55	0.11	
Prawle Point	29.88	68	ESE	4	c	29.81	- .33	60	60	-	8	WNW	4	c	3	74	57	0.09	
Hurst Castle	29.94	69	ESE	2	b	29.74	- .43	63	62	-	4	SW	3	c	2	80	58	0.27	
†Dover	30.01	69	ENE	1	b	29.77	- .40	62	61	-	3	SW	5	c	3	76	61	0.06	
†London	29.97	74	SSW	3	b	29.71	- .46	64	62	-	11	SSW	3	c	*	92	64	0.46	
Oxford	29.87	79	SE	1	b	29.66	- .49	69	66	+	2	W	6	c	*	87	65	0.04	
Cambridge	29.96	82	SSE	1	c	29.68	- .47	70	69	0		W	0	c	*	89	65	0.24	
†Yarmouth	30.02	67	SSE	1	b	29.69	- .48	64	63	-	5	ESE	4	c	3	70	61	0.04	
The Helder																			
Cape Gris Nez	30.01	70	NE	4	c	29.80	- .36	64	63	-	3	SW	5	c	3	77	61	0.02	
Jersey	29.91	76	ENE	2	b	29.89	- .26	59	59	-	17	W	5	c	4	85	58	0.02	
Brest	29.94	66	SW	3	c	29.98	- .07	60	59	-	13	W	3	c	2	86	59	0.02	
Lorient	29.92	72	NNE	5	c	29.93	- .13	61	60	-	9	WNW	5	c	3	90	59	-	
†Rochefort	30.02	70	WSW	5	c	30.08	+ .01	65	64	-	9	W	7	c	4	88	53	0.47	
Biarritz	30.07	70	W	7	c	30.18	+ .08	69	64	-	4	WSW	4	c	3	86	63	0.28	
Corunna																			
Brussels						29.87	- .30	77	69	+	5	SW	5	c	*	40	69	-	
Charleville																			
Paris	30.00	89	W	0	b	29.92	- .26	71	65	-	4	SSW	4	c	*	*	*	0.71	
Lyon	30.02	91	SSE	3	b	30.09	- .14	76	66	0		WSW	1	c	*	99	72	-	
Toulon	30.12	88	W	0	c	30.12	- .10	77	65	+	3	SW	1	b	1	91	73	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.76	31	SW	1	c	28.49	- .31	60	59	+	2	S	2	c	*	76	57	1.34	

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

Hawes Junction	29.76	71	SW	1	c	29.49	- .51	60	59	+	2	S	2	c	*	76	57	1.34
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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	30.02	58	52	WNW	5	c	Valentia	29.99	64	61	SSE	4	0
Sumburgh Head							Scilly	29.95	68	64	E	6	4
Stornoway	29.93	52	52	SE	5	c	Dover	30.02	69	64	SW	1	0
Aberdeen	30.01	62	58	S	2	c	London	30.04	87	71	SSE	2	*
Shields	30.01	76	69	WNW	3	c	Yarmouth	30.09	68	64	SE	1	1
Ardrossan	29.97	53	61	W	0	0	Jersey	30.02	84	73	ENE	2	2
Mullaghmore	29.91	60	64	SW	5	W	Rochefort	30.06	75	73	SW	5	2
Holyhead	30.01	70	66	SSW	2	0							

Pressure is going very slowly and uniformly, and S^t winds and rain are reported from our NW coast. In the sky remains clear and the thermometer in London is so high as 87°.

EXPLANATION OF COLUMNS.

WEATHER.—Pearson's Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

DAILY WEATHER REPORT

FOR

THURSDAY, 7th JULY.

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.)

Fred^l Dangerfield, last 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Thursday 7th JULY 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.

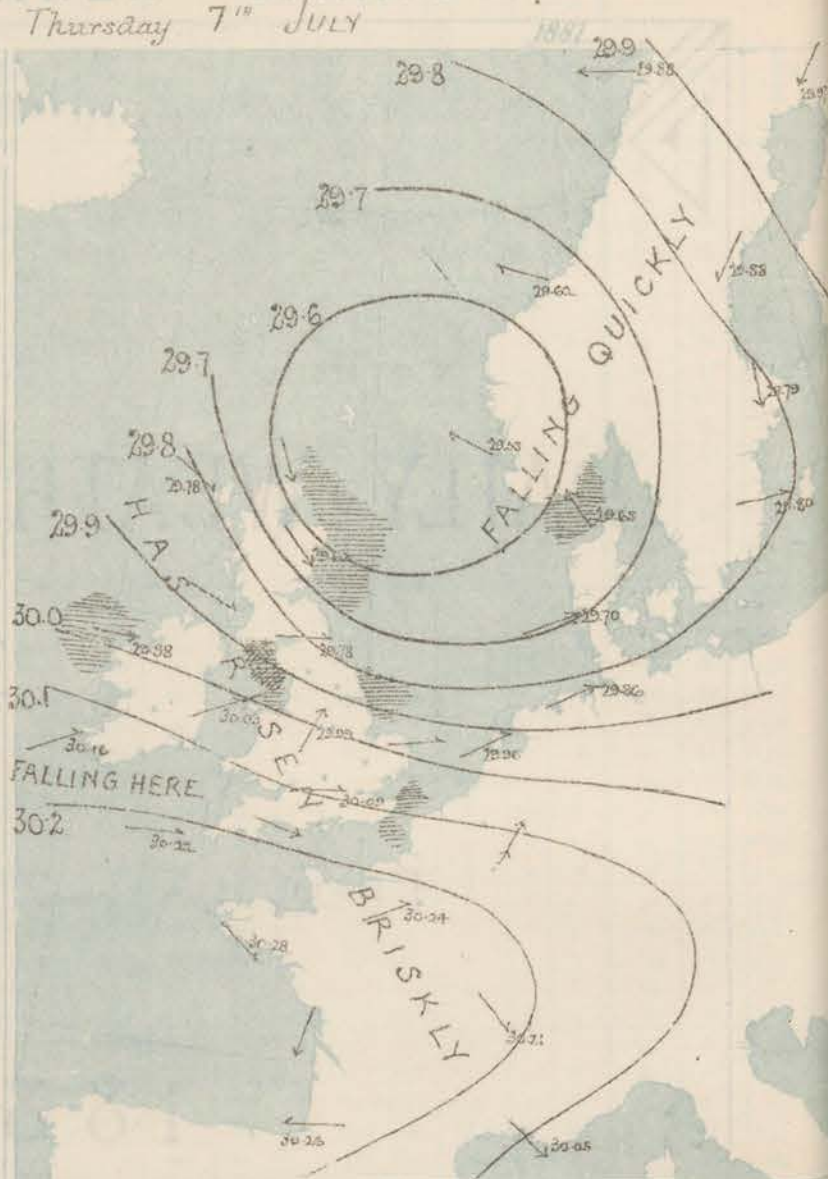
Wind Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings
Nairn	29.883
Aberdeen	29.886
Inch	29.907
Scarborough	29.931
Adrianum	29.923
Grimcastle	29.917
Holyhead	29.956
Valencia	29.965
Roshe's Pt	29.970
Plymouth	30.000
LONDON	29.983
Yarmouth	29.970

* 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.

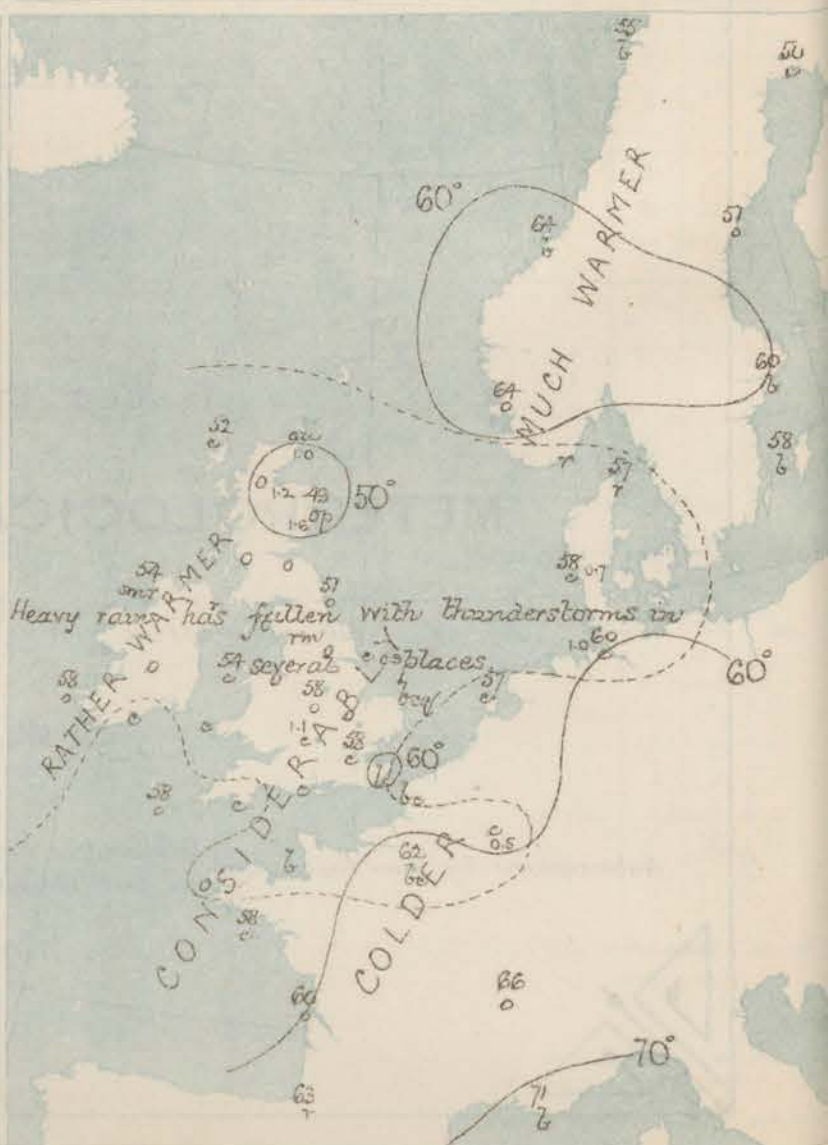
Temperature Isotherms are drawn for each 10°. Changes in temperature since previous morning are stated in words.
Weather Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 July

Stations	Temp.	Rain-fall
Scarlburgh Head	53.7	1.23
Stornoway	55.3	1.30
Aberdeen	56.2	2.47
Shields	60.0	2.40
York	61.0	2.00
Mullaghmore	60.2	?
Holyhead	61.0	1.60
Parsenstown	60.7	2.79
Valencia	61.1	2.88
Sally (St Mary's)	60.2	2.40
Hurst Castle	62.8	?
Dover	62.7	2.63
LONDON	64.2	2.30
Yarmouth	62.8	2.59

* The mean Temperatures are those for the 15 years 1857-71; the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for THURSDAY, 7th JULY 1881, at 8 a.m.

The depressions which yesterday lay over England and the North Sea have apparently joined, and are passing slowly N^o, the centre being now shown between the north east coast of Scotland and the west of Norway. It is a good deal deeper than it was yesterday, and as a brisk increase of pressure has taken place over these islands and France steep gradients have been formed over us. In Norway the mercury is falling briskly, and the disturbance is moving over that country. NW^o to W^o winds fresh to strong in force prevail over the British Isles and France, and during last night moderate to fresh gales were experienced in the north and north west. In Norway the wind is SE^o to E^o, while at Valentia the wind shows a tendency to back. A slight rise of temperature has occurred over Ireland, and a brisk rise in Norway, but over S^o Britain a further and considerable decrease has occurred, readings now ranging from 60° at Dover to 49° at Aberdeen. The maxima were about 20° lower than on the previous day, the highest being 72° at Cambridge and 71° at Nottingham. The weather is fine in the south east, but is dull, unsettled and showery elsewhere, and during yesterday eve, an inch of rain fell at Oxford and on our north east coasts. The sea is rough in the north west and north.

FORECASTS

for the 24 hours ending at Noon
on the

8th JULY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

1	SCOTLAND NORTH	N ^o and NW ^o winds, fresh or strong; cool, cloudy. Showery.
2	SCOTLAND EAST	NW ^o and W ^o winds, fresh; showery and cool.
3	ENGLAND N.E.	W ^o winds, fresh to light; cloudy, unsettled, some rain.
4	ENGLAND EAST	W ^o winds, fresh to light; cloudy, unsettled, some rain.
5	MIDLAND COUNTIES	W ^o winds, probably backing; cloudy and showery, then warmer and fair.
6	ENGLAND SOUTH	W ^o winds, fresh to light; cloudy, unsettled, some rain.

DISTRICTS

FORECASTS

7	SCOTLAND WEST	W ^o and SW ^o winds, fresh and strong; dull and some rain.
8	ENGLAND S.W.	W ^o and SW ^o winds, moderate; dull, some rain.
9	IRELAND NORTH	Same as No 6 and 7.
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 7th JULY

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	29.74	56	N	4	b	29.97	+ 24	50	43	0	NE	6	b	*	59	43	—		
Hernösand	29.82	70	NNE	2	b	29.88	+ 07	51	48	— 5	NE	2	0	*	68	46	—		
Stockholm	29.85	55	NSW	2	b	29.79	— 02	60	51	+ 5	N	2	b	*	70	48	—		
Wisby	29.86	57	WNW	2	b	29.80	— 06	58	55	+ 2	W	2	b	*	63	54	—		
Bodö	29.99	46	NN	2	b	29.88	— 13	55	48	+ 11	E	6	b	2	55	43	—		
Christiansund	29.80	53	NE	6	b	29.62	— 34	64	53	+ 12	ESE	4	b	2	64	43	—		
†Skudesnaes	29.69	58	L	0	0	29.55	— 44	64	54	+ 10	ESE	4	0	3	?	?	—		
Oxö (Kristiansund)	29.80	60	ENE	4	c	29.89	— 40	56	55	— 2	E	6	r	3	59	52	0.04		
Skagen (The Skaw)	29.79	61	ENE	3	b	29.65	— 32	57	56	— 4	SE	5	r	5	70	55	0.16		
Fanö	29.66	59	SSE	6	+	29.70	— 29	58	56	— 4	NSW	6	c	*	72	55	0.71		
Cuxhaven	29.68	?	SW	5	t	29.84	— 11	60	50	— 6	NSW	6	c	*	75	57	1.04		
†Sumburgh Head																			
†Stornoway	29.70	51	NN	5	0	29.78	+ 14	52	51	— 3	NN	4	c	4	56	48	—		
Wick	29.57	53	N	3	r	29.59	— 07	50	49	— 3	NNN	7	au	6	55	47	1.00		
Nairn	29.61	53	N	0	r	29.71	+ 06	49	47	— 6	WNW	4	0	3	58	47	1.23		
†Aberdeen	29.51	55	NW	6	r	29.62	— 05	49	47	— 7	NN	7	op	5	59	48	1.57		
Leith	29.60	57	NN	1	r	29.76	+ 11	52	47	— 7	NNN	1	0	*	62	48	0.65		
†Shields	29.58	56	WNW	5	r	29.78	+ 12	51	48	— 9	W	4	0	2	66	47	0.27		
Spurn Head	29.65	58	NSW	7	b	29.90	+ 19	54	51	— 6	NSW	6	c	5	62	51	0.90		
York	29.67	56	W	4	0	29.79	+ 19	54	49	— 11	W	5	0	*	68	48	0.27		
Nottingham	29.52	57	WNW	5	0	29.99	+ 30	58	53	— 13	SW	5	0	*	71	48	0.26		
†Ardrossan	29.68	53	NNN	7	0	29.84	+ 14	53	50	— 1	NNN	4	0	0	57	34	0.05		
†Mullaghmore	29.98	53	NNN	7	cpg	29.98	+ 16	54	53	+ 2	N	6	om	5	56	50	0.20		
Donaghadee	29.87	53	NN	8	c	29.94	+ 18	52	52	— 2	SW	3	r	1	57	48	0.04		
Parsonstown	30.05	55	NN	2	0	30.09	+ 17	54	54	0	W	2	0	*	58	50	—		
Barrow-in-Furness	29.75	54	NN	6	0	29.92	+ 21	53	51	— 3	WNW	6	0	7	56	49	0.25		
†Holyhead	29.91	54	NNN	6	cpg	30.03	+ 22	54	53	+ 2	NSW	4	c	3	55	52	0.08		
Liverpool (Bidston)	29.51	52	W	8	0	29.97	+ 22	53	50	0	NSW	7	0	5	56	51	0.03		
†Valentia	30.18	55	WNW	4	c	30.16	+ 10	58	55	+ 2	NSW	3	0	4	60	52	0.01		
Roche's Point	30.14	59	NNN	5	b	30.15	+ 24	57	52	+ 2	NNN	4	c	4	63	50	—		
Pembroke	29.97	56	W	5	c	30.10	+ 29	55	52	+ 3	W	5	c	3	57	52	0.01		
†Scilly	30.14	59	NNN	7	b	30.22	+ 29	58	54	0	W	4	0	4	60	54	—		
Prawle Point	30.07	57	NNN	5	c	30.21	+ 40	56	52	— 4	NSW	3	c	3	64	50	—		
Hurst Castle	29.96	60	NNN	6	c	30.16	+ 42	56	52	— 7	WNW	5	c	3	65	53	0.04		
†Dover	29.94	64	NSW	5	b	30.10	+ 38	62	54	0	W	3	b		64	51	—		
†London	29.88	61	W	4	b	30.09	+ 38	58	51	— 6	W	3	c	*	68	49	0.24		
Oxford	29.91	55	W	6	b	30.08	+ 42	55	50	— 14	NSW	5	c	*	69	49	1.08		
Cambridge	29.81	58	WNW	1	0	30.04	+ 34	55	52	— 15	W	2	0	*	72	46	0.25		
†Yarmouth	29.76	60	W	4	cq	29.97	+ 38	55	49	— 9	W	5	bq	3	65	45	0.07		
The Helder	29.75	62	W	5	0	29.90	+ 10	57	52	— 11	NSW	4	c	3	75	55	—		
Cape Gris Nez	29.91	57	NSW	7	b	30.14	+ 31	56	53	— 8	W	7	b	5	77	54	—		
†Jersey	30.12	58	W	5	c	30.27	+ 38	58	53	— 1	NNN	3	b	3	62	54	0.04		
Brest	30.18	59	NNN	4	b	?	?	58	53	— 2	NNN	3	0	3	56	55	0.04		
Lorient	30.12	62	NNN	7	c	30.28	+ 35	58	57	— 3	NN	4	c	2	70	54	—		
†Rochefort	29.94	68	W	7	0	30.27	+ 19	60	54	— 5	NNE	5	0	3	73	54	—		
Biarritz	30.26	69	W	4	c	30.26	+ 08	63	61	— 6	E	4	r	3	73	59	0.04		
Corunna	*	*	*	*	*				*						*	*	*		
Brussels	*	*	*	*	*				*						*	*	*		
Charleville	?	?	?	?	?	30.15	+ 20	57	51	— 16	SW	8	c	*	79	50	0.47		
Paris	30.01	72	NN	4	0	30.24	+ 32	62	54	— 9	NSW	4	b	*	*	*	0.04		
Lyons	30.08	76	NW	4	0	30.21	+ 14	66	59	— 10	NNN	1	0	*	99	62	—		
Toulon	30.07	76	N	5	b	30.05	— 07	71	62	— 6	NN	5	b	3	84	68	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.47	49	N	4	+	28.65	+ 16	46	46	— 14	N	3	rm	*	61	46	0.63		

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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes ...	29.85	63	54	SE	2	c	2	Valentia ...	30.16	60	55	NN	4	bc	4
Sumburgh Head								Scilly ...	30.07	59	53	NN	7	bc	6
Stornoway ...	29.64	55	55	WNW	4	0	3	Dover ..	29.76	60	59	W	5	omp	3
Aberdeen ...	29.57	56	56	ESE	1	fr	2	London ...	29.78	68	63	W	4	og	*
Shields ...	29.58	57	56	NNN	5	b	2	Yarmouth ...	29.65	66	63	NNN	4	c	3
Ardrossan ...	29.69	55	53	NNN	4	0	3	Jersey ...	30.04	60	57	W	5	0	4
Mullaghmore ...	29.94	53	51	NN	7	omp	6	Rochefort ...	30.12	68	65	W	7	0	4
Holyhead ..	29.85	56	53	NNN	5	0	4								

Pressure is recovering in all the N. and S. parts of the Kingdom, but still decreases in the east. The wind is NN generally, temperature very much lower than it was yesterday, and the weather showery.

EXPLANATION OF COLUMNS.

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

FRIDAY 8TH JULY.

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 Friday 8th JULY

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.

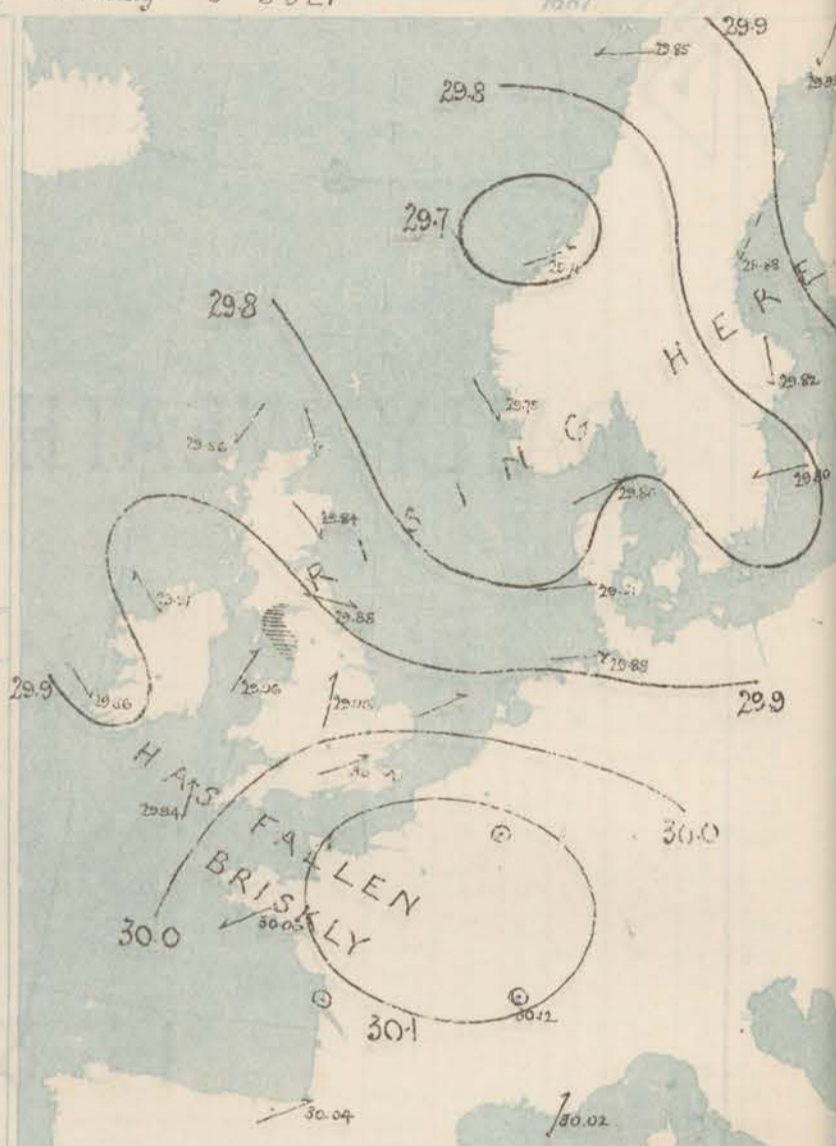
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force, thus:
 — force above 10; — force 8 to 10
 — force 5 to 7; — force 1 to 4,
 ○ - dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings In.
Nairn	29.883
Aberdeen	29.888
Leith	29.907
Scarborough	29.944
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.963
Roche's Pt.	29.970
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 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp	Rain-fall
		ins.
Sandwich Head	51.7	1.23
Stornoway	55.1	1.20
Aberdeen	58.3	7.45
Shetlands	60.0	2.40
York	61.0	2.06
Millingham	60.2	?
Holyhead	61.0	1.67
Parsloftown	60.7	2.79
Valentia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	3.03
LONDON	62.1	2.30
Yarmouth	62.5	2.53

* 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 FRIDAY 8TH JULY 1881 at 8 a.m.

The depression shown in the north-east yesterday has continued to travel N^w, and the recovery then noticed continues all over the northern parts of the Kingdom, and has extended to the Scandinavian stations also but during the past night a fresh decrease has occurred over France and our southern districts, and a slight disturbance has appeared over the south of Ireland. The NW¹ winds in the rear of the old depression still hold in our northern coasts, but have fallen much lighter, while at Valentia also a NW¹ breeze has sprung up in the rear of the new disturbance, while over the Channel and the south of England the wind has backed to SW. The weather is fine in the north of England and our parts, but any dull and unsettled elsewhere, with rain in several places. Temperature has risen in the NE and E, fallen in the W. and S., and readings range from 60° in London to 51° at Ainslie. The maximum yesterday did not exceed 65° at any station except York, where the thermometer reached 69° and in London, where it reached 66°. The sea is rough at Barrow-in-Worms moderate & slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

9TH JULY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Variable or NE ¹ breezes; dull, rain.
2	SCOTLAND EAST	—
3	ENGLAND NE	lt ¹ to variable breezes, light, dull, unsettled.
4	ENGLAND E	St ¹ and S ¹ breezes, light; dull, close, some rain.
5	MIDLAND COUNTIES	Light St ¹ and SE ¹ breezes; cloudy, e. some rain.
6	ENGLAND SOUTH	St ¹ winds, veering to W; dull, close and rainy, then improving.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SE ¹ to variable breezes; dull, misty rain.
7	ENGLAND N.W.	St ¹ to NW ¹ breezes, light; dull, some rain.
8	ENGLAND S.W.	St ¹ to W ¹ winds, moderate and fresh; dull, showery.
9	IRELAND NORTH	SE ¹ winds, shifting to NW, light to fresh; showery.
10	IRELAND SOUTH	NW ¹ breezes, moderate and fresh, dull, showery.
WARNINGS		None issued.

METEOROLOGICAL OBSERVATIONS FOR 8th JULY 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.			
			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 ...	29.99	57	NE	2	b	29.99	+ .02	53	43	+ 3	NE	2	b	*	64	46	—		
Hernösand ...	29.87	51	NE	6	o	29.88	— .00	52	30	+ 1	NE	2	o	*	61	41	0.08		
Stockholm ...	29.82	49	NE	2	o	29.82	+ .03	51	48	— 9	N	2	o	*	71	48	—		
Wisby ...	29.79	54	SSE	2	o	29.80	— .00	53	52	— 5	E	4	r	*	66	48	0.04		
Bodö ...	29.81	64	E	2	b	29.85	— .03	63	54	+ 8	E	2	b	1	70	55	—		
Christiansund ...	29.60	65	WSW	1	b	29.71	+ .09	60	55	— 4	WSW	1	bc	1	75	45	—		
†Skudesnaes ...	29.66	56	SE	2	o	29.75	+ .20	59	55	— 5	NNW	2	o	2	64	55	—		
Oxö (Xiansund) ...	29.67	55	SW	4	o	29.78	+ .19	56	53	0	ENE	4	c	1	?	52	0.44		
Skagen (The Skaw) ...	29.72	56	W	2	o	29.80	+ .15	57	54	0	WSW	2	c	1	61	48	1.07		
Fanö ...	29.80	53	WSW	4	a	29.81	+ .11	54	53	— 4	W	4	o	*	61	?	0.12		
Cuxhaven ...	29.58	65	W	6	7	29.88	+ .02	63	60	+ 3	W	5	bc	*	?	52	0.34		
†Sumburgh Head ...																			
†Stornoway ...	29.82	55	NNW	3	o	29.86	+ .08	51	51	— 1	NE	1	o	1	57	48	0.03		
Wick ...	29.78	49	NNW	6	r	29.82	+ .25	52	50	+ 2	NNW	4	o	3	52	47	0.45		
Nairn ...	29.79	55	WNW	6	o	29.85	+ .14	52	49	+ 3	Z	o	c	1	59	49	—		
†Aberdeen ...	29.75	52	NNW	5	o	29.84	+ .22	51	49	+ 2	NNW	1	d	2	53	48	0.34		
Leith ...	29.82	55	W	2	bc	29.88	+ .12	59	55	+ 7	W	1	c	*	65	51	—		
†Shields ...	29.82	60	WNW	6	c	29.88	+ .10	57	54	+ 6	WNW	2	o	3	63	49	—		
Spurn Head ...	29.92	58	WSW	5	o	29.94	+ .04	58	54	+ 4	SW	2	o	4	59	52	—		
York ...	29.92	59	W	4	o	29.94	+ .05	57	54	+ 3	WSW	2	b	*	69	53	—		
Nottingham ...	29.99	58	WNW	5	o	29.96	— .03	60	57	+ 2	SSW	3	o	*	63	51	—		
†Ardrossan ...	29.89	56	NNW	3	o	29.99	+ .15	55	53	+ 2	Z	o	o	0	59	52	—		
†Mullaghmore ...	29.98	54	WSW	5	r	29.91	— .07	56	54	+ 2	ESE	2	cm	2	60	51	0.14		
Donaghadee ...	29.95	58	WNW	4	c	29.93	— .01	54	54	+ 2	W	2	o	2	60	51	0.14		
Parsonstown ...	30.03	57	WSW	3	o	29.91	— .18	56	54	+ 2	SSE	1	c	*	59	50	0.19		
Barrow-in-Furness ...	29.95	56	WSW	6	o	29.94	+ .02	55	54	+ 2	WNW	4	op	6	58	53	0.07		
†Holyhead ...	30.02	56	SW	4	b	29.96	— .07	56	52	+ 2	SW	2	m	1	58	53	0.06		
Liverpool (Bidston) ...	29.98	58	WSW	5	c	29.96	— .01	53	52	0	WSW	2	o	1	59	52	—		
†Valentia ...	30.05	54	SW	3	r	29.86	— .30	56	55	— 2	NNW	3	op	3	62	53	0.56		
Roche's Point ...	30.05	57	WSW	4	c	29.95	— .20	54	53	— 3	SSW	5	r	24	62	50	0.80		
Pembroke ...	30.07	58	WSW	4	o	29.94	— .16	54	53	— 1	E	1	o	1	59	52	0.10		
†Scilly ...	30.14	58	SW	4	o	29.94	— .28	55	54	— 3	SSW	6	r	4	63	53	0.06		
Prawle Point ...	30.07	56	WSW	3	o	30.02	— .19	54	53	— 2	S	2	o	2	62	51	0.02		
Hurst Castle ...	30.12	62	W	5	bc	30.05	— .11	53	53	— 3	SW	1	rm	2	64	52	0.03		
†Dover ...	30.08	61	W	4	b	30.04	— .06	56	55	— 6	WSW	2	c	1	65	58	—		
†London ...	30.08	65	W	3	b	30.04	— .05	60	55	+ 2	WSW	2	c	*	66	51	—		
Oxford ...	30.08	57	SW	4	c	30.01	— .07	54	53	— 1	SSW	1	o	*	63	51	—		
Cambridge ...	30.03	60	W	1	o	29.99	— .03	58	55	+ 3	SW	1	o	*	64	48	—		
†Yarmouth ...	29.99	60	W	4	a	29.99	+ .02	59	55	+ 4	WSW	2	bc	2	62	51	—		
†The Helder ...	29.95	58	SW	3	r	29.97	+ .07	60	56	+ 3	W	2	c	2	?	55	0.04		
Cape Gris Nez ...	30.11	59	W	5	c	30.08	— .06	58	57	+ 2	WSW	3	o	3	61	55	—		
†Jersey ...	30.24	60	W	3	b	30.10	— .17	57	54	— 1	SSW	2	og	2	63	53	—		
Brest ...	30.24	61	NNW	3	o	30.06	?	57	54	— 1	S	3	o	2	64	55	—		
Lorient ...	30.20	64	WNW	5	bc	30.06	— .22	55	52	— 3	ENE	1	o	1	68	52	—		
†Rochefort ...	30.18	65	NNW	5	bc	30.08	— .19	63	59	+ 3	ESE	1	c	1	70	52	—		
Biarritz ...	30.15	67	NNE	5	o	30.04	— .22	68	64	+ 5	WSW	4	bc	2	70	59	—		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Charleville ...	30.22	65	SW	4	bc	30.12	— .03	54	50	— 3	SE	1	b	*	68	43	—		
Paris ...	30.19	66	WSW	4	o	30.11	— .13	62	50	0	S	2	c	*	*	*	*		
Lyons ...	30.11	74	NNW	3	b	30.12	— .09	61	53	— 5	NNW	1	b	*	79	54	—		
Toulon ...	30.01	74	WNW	8	b	30.02	— .03	77	62	+ 6	SW	3	b	2	51	70	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.69	51	W	3	r	28.69	+ .04	49	49	+ 3	SW	3	r	*	52	46	0.49		

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

Hawes Junction	28.69	51	W	3	r	28.69	+ .04	49	49	+ 3	SW	3	r	*	52	46	0.49		
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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 ...	29.58	61	54	SE	6	o	3	Valentia ...	30.12	59	55	SW	4	og	4
Sumburgh Head ...								Scilly ...	30.20	63	57	W	2	o	4
Stornoway ...	29.81	56	54	NN	4	c	4	Dover ...	30.10	61	57	W	4	bc	3
Aberdeen ...	29.69	52	50	NN	6	o	3	London ...	30.09	64	55	W	2	c	*
Shields ...	29.79	60	57	WNW	6	c	2	Yarmouth ...	29.99	61	55	W	4	bc	3
Ardrossan ...	29.88	56	54	WNW	3	o	2	Jersey ...	30.27	60	55	W	3	b	3
Mullaghmore ...	30.04	58	56	W	6	omg	5	Rochefort ...	30.25	69	59	NN	5	b	2
Holyhead ...	30.04	58	56	WSW	3	o	2	Ben Nevis 4406ft	25.28	32	32	NE	3	o	MAX 43

Dark on T^h

The barometer is falling somewhat in the SW, and the wind has backed to SW, but elsewhere it continues NNW and N^W with cloudy, cool, and showery weather.

EXPLANATION OF COLUMNS.

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

FOR

SATURDAY, 9TH JULY

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

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ROBERT H. SCOTT
(SECRETARY.)



Printed by Vangerluis, 11, 22, Bedford St. W.

WEATHER CHARTS

for 8 a.m. on Saturday 9th JULY

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:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4.
○ = dead calm.

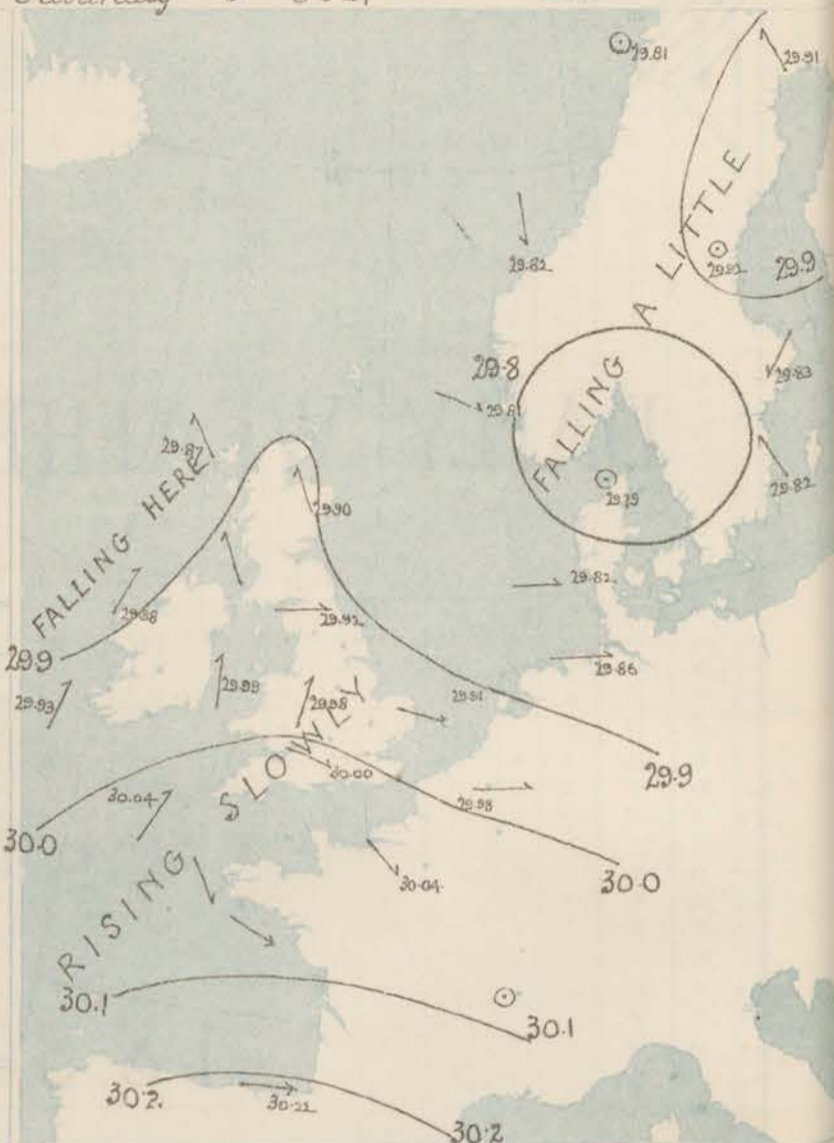
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough, — High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings in.
Nairn	29.883
Aberdeen	29.856
Leith	29.907
Scarborough	29.941
Ardrossan	29.928
Greenock	29.917
Holyhead	29.940
Valentia	29.963
Roche's Pt.	29.970
Plymouth	30.000
LONDON	30.083
Wormouth	30.070

* 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 July

Stations	Temp	Rain-fall
Swanburgh Head	53.7	1.23
Stornoway	53.3	1.30
Aberdeen	58.3	2.47
Shetland	50.0	2.40
York	61.0	2.00
Malbeghmore	60.2	2.00
Holyhead	61.0	1.64
Portsmouth	60.7	2.79
Valentia	61.1	3.83
Sally (St Mary's)	61.3	2.40
Hurst Castle	62.3	2.00
Dover	62.7	2.30
LONDON	61.3	2.30
Wormouth	62.3	2.59

* The mean Temperatures are those for the 13 years 1857-69; the mean amount of Rain are those for the 10 years 1865 to 1875.



REMARKS

for SATURDAY, 9TH JULY, 1881, at 8 a.m.

The depression which was shown in the south west last evening and which threatened to break up the weather over these Islands has since entirely disappeared, and the mercury is now rising except in the west and north west. The area of highest pressure lies over the south of France, while low readings are shown off our north west coasts and over Scandinavia. In consequence while strong W^{ly} winds prevail over France and light winds from the same quarter over our southern and eastern districts S^{ly} winds are reported from the west and north west, and NW^{ly} winds in Scandinavia. The weather is dull and rainy over Ireland and dull over France, the north of Scotland and the eastern shores of the North Sea, while over the greater part of England the sky is clear or nearly so. Rain has fallen during the past twenty-four hours except at a few north western stations. Temperature has risen slightly, and ranges from 62° at Dover to 53° at Barrow-in-Furness. The maxima yesterday were below 65° at all stations except ~~Admiralty~~ Heltingham, where 69° was registered. Sea is moderate or slight.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

10TH JULY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE ^{ly} and S ^{ly} winds, light to moderate; cloudy, close, some rain.	6 SCOTLAND WEST	S ^{ly} breezes, moderate; cloudy, close, drizzling rain.
1 SCOTLAND EAST	2° ——— 8° ——— 2°	7 ENGLAND N.W.	S ^{ly} and SW ^{ly} breezes, moderate; dull, some rain.
2 ENGLAND N.E.	W ^{ly} to S ^{ly} breezes, light; fair.	8 ENGLAND S.W.	S ^{ly} and SW ^{ly} breezes, moderate; cloudy, misty rain.
3 ENGLAND EAST	W ^{ly} breezes, light, backing to SW; cloudy, fair.	9 IRELAND NORTH	S ^{ly} and SW ^{ly} breezes, moderate; cloudy, close, some rain.
4 MIDLAND COUNTIES	Light or moderate W ^{ly} and SW ^{ly} breezes; clouding over at times, but fair on the whole.	10 IRELAND SOUTH	2° ——— 8° ——— 2°
5 ENGLAND SOUTH	5° ——— 8° ——— 5°	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 9th JULY 1881.

PLACES.	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.	Sec. (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	29.75	59	SW	2	b	29.91	— .08	59	50	+ 6	S	2	b	*	64	45	—		
Hernösand	29.95	51	ENE	2	c	29.92	+ .04	55	51	+ 3	Z	0	b	*	59	45	—		
Stockholm	29.84	53	NNE	2	c	29.83	+ .01	49	49	— 2	NE	2	c	*	57	45	0.04		
Wisby	29.82	53	SE	4	c	29.82	+ .02	56	54	+ 3	SSE	2	0	*	63	50	0.04		
Bodö	29.82	61	Z	0	b	29.81	— .04	63	58	0	Z	0	b	0	72	55	—		
Christiansund	29.83	52	NNW	1	f	29.82	+ .11	52	51	— 8	NNW	1	c	1	61	43	—		
†Skudesnaes	29.81	55	NNW	4	0	29.81	+ .06	57	55	— 2	NNW	4	0	3	59	57	—		
Oxö (Könsund)	29.79	57	ENE	4	bc	29.78	— .01	55	57	+ 2	NE	4	m	2	54	54	0.08		
Skagen (The Skaw)	29.83	61	SE	2	bc	29.79	— .04	59	56	+ 2	Z	0	c	0	70	52	0.12		
Fanö	29.86	56	W	4	c	29.82	+ .04	57	52	+ 3	W	4	c	*	63	54	—		
Cuxhaven	29.95	3	VV	4	bc	29.86	— .09	62	59	— 1	W	1	bc	*	63	54	—		
†Sumburgh Head																			
†Stornoway	29.88	55	NNE	1	0	29.87	+ .01	54	54	+ 3	SE	2	0	1	56	50	0.04		
Wick	29.87	57	NNW	2	bc	29.90	+ .03	54	50	+ 2	Z	0	0	1	61	47	—		
Nairn	29.87	57	Z	0	bc	29.90	+ .03	57	52	+ 5	Z	0	c	0	63	52	—		
†Aberdeen	29.89	58	SE	1	c	29.94	+ .05	58	55	+ 7	SSE	1	0	2	63	49	0.01		
Leith	29.87	61	NNW	1	c	29.97	+ .10	57	57	— 2	VV	1	bc	*	64	50	0.01		
†Shields	29.88	55	SSE	1	0	29.92	+ .04	57	54	0	W	2	bc	2	62	51	0.05		
Spurn Head	29.91	58	NNW	1	m	29.94	— .03	56	55	— 2	W	4	2	2	64	53	—		
York	29.91	60	W	1	c	29.97	+ .06	57	54	0	W	1	b	*	64	49	0.03		
Nottingham	29.93	57	SSH	1	c	29.98	+ .05	62	58	+ 2	SSH	1	bc	*	69	45	0.38		
†Ardrossan	29.90	60	Z	0	bc	29.93	+ .03	55	53	0	SSE	1	bc	0	64	47	—		
†Mullaghmore	29.92	61	VV	2	b	29.88	— .04	56	54	0	SSH	4	og	2	62	53	—		
Donaghadee	29.95	58	S	2	bc	29.93	— .02	59	57	+ 5	SSH	2	b	0	61	50	—		
Parsonstown	29.92	60	SE	1	0	29.94	+ .02	57	55	+ 1	SW	1	0	*	63	52	0.16		
Barrow-in-Furness	29.94	55	NW	3	c	29.97	+ .03	53	52	— 2	ESE	3	bc	4	56	49	0.06		
†Holyhead	29.94	61	VV	2	b	29.97	+ .03	57	57	+ 1	S	3	0	2	63	50	—		
Liverpool (Birkenhead)	29.93	59	NW	1	c	29.97	+ .04	58	53	+ 5	WSW	1	bc	1	59	50	0.02		
†Valentia	29.95	59	NNW	4	bc	29.93	+ .02	58	58	+ 2	SSH	3	rmg	3	63	49	0.07		
Roche's Point	29.92	57	SSH	4	c	29.98	+ .06	55	54	+ 1	WSW	2	d	3	63	51	0.30		
Pembroke	29.90	58	S	1	b	29.98	+ .08	56	55	+ 2	SSH	1	cu	1	59	50	0.02		
†Silly	29.81	60	VV	1	0	30.04	+ .10	60	58	+ 5	SW	1	c	4	62	54	0.28		
Prawle Point	29.93	53	ESE	3	c	30.07	+ .05	57	54	+ 3	WSW	2	b	2	59	48	0.25		
Hurst Castle	29.96	59	VV	3	bc	30.04	— .01	57	55	+ 4	NNW	2	b	2	60	46	0.02		
†Dover	29.95	59	WSW	3	bc	30.00	— .05	62	57	+ 6	WSW	2	0	1	64	52	0.01		
†London	29.95	58	W	2	op	30.00	— .05	60	57	0	NNW	1	b	*	64	46	0.07		
Oxford	29.95	55	Z	0	b	30.02	+ .01	56	54	+ 2	Z	0	b	*	60	44	0.06		
Cambridge	29.94	58	SW	1	0	29.97	— .03	59	56	+ 1	NW	1	bc	*	63	45	0.05		
†Yarmouth	29.93	61	SW	1	op	29.95	— .02	60	58	+ 1	NNW	1	b	1	63	51	0.02		
The Helder	29.95	60	WSW	1	b	29.91	— .04	60	55	0	W	1	bc	1	64	59	—		
Cape Gris Nez	30.06	58	WSW	3	c	29.99	— .07	58	57	0	NW	1	m	0	63	54	0.04		
†Jersey	30.00	58	NE	1	omr	30.07	— .03	57	57	0	NNW	1	omr	1	64	54	—		
Brest	29.92	59	NNW	5	f	30.09	+ .03	58	56	+ 1	NNW	4	0	4	59	57	0.08		
Lorient	29.96	60	SSH	5	m	30.05	— .01	59	56	+ 4	NNW	7	0	4	66	54	0.12		
†Rocheport	30.04	66	NW	5	c	30.10	+ .06	64	59	+ 1	NNW	7	0	2	71	57	—		
Biarritz	30.11	67	NNW	4	0	30.22	+ .11	65	63	— 3	VV	5	0	3	70	59	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.98	*	54	53	*	W	1	0	*	67	53	0.12		
Charleville	29.96	57	VV	3	0	29.93	— .03	58	54	+ 4	NE	3	0	*	73	52	0.07		
Paris	29.96	69	SSH	1	0	30.04	— .07	60	57	— 2	NW	1	0	*	*	*	—		
Lyons	29.95	75	W	1	c	30.08	— .04	62	57	+ 1	SW	1	0	*	87	61	0.04		
Toulon	30.02	72	W	5	0	30.09	+ .07	70	62	— 7	W	5	b	1	77	64	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.69	52	VV	2	bc	28.73	+ .04	57	50	+ 1	SSH	2	b	*	53	46	0.04		

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

Hawes Junction	28.69	52	VV	2	bc	28.73	+ .04	57	50	+ 1	SSH	2	b	*	53	46	0.04
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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 ...	29.80	59	55	NW	4	0	3	Valentia ...	29.91	62	58	NNW	2	bc	4		
Sumburgh Head								Scilly ...	29.81	58	58	S	7	d	5		
Stornoway ...	29.87	53	52	SE	3	0	2	Dover ...	29.98	60	57	NW	4	c	3		
Aberdeen ...	29.85	61	56	NNW	2	bc	3	London ...	29.97	62	56	SSH	2	0	*		
Shields ...	29.87	59	55	SE	2	c	2	Yarmouth ...	29.95	63	56	WSW	1	bc	2		
Ardrossan ...	29.91	59	54	WSW	1	0	1	Jersey ...	30.03	62	58	W	0	c	4		
Mullaghmore ...	29.91	60	54	NNW	1	bc	1	Rocheport ...	30.04	71	61	NW	5	c	2		
Holyhead ...	29.94	61	58	WSW	3	c	2	Barr. Neris 4406 ft.	25.39	39	39	Z	0	0	40	32	0.00

The depression in the SW is not moving much, but is growing deeper, and seems likely to move E, across our southern coast. The weather is generally dull except in the W. of Ireland and at a few E stations. Temperature ranges from 63° at Yarmouth 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.

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

+ Received too late for insertion in Chart



DAILY WEATHER REPORT

F O R

SUNDAY, 10TH JULY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

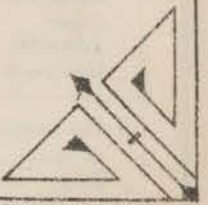
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ROBERT H. SCOTT

(SECRETARY.)



Printed & Published by W. & A. G. Smith, 116, Victoria St. London.

WEATHER CHARTS

for 8 a.m. on Sunday 10th JULY

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.

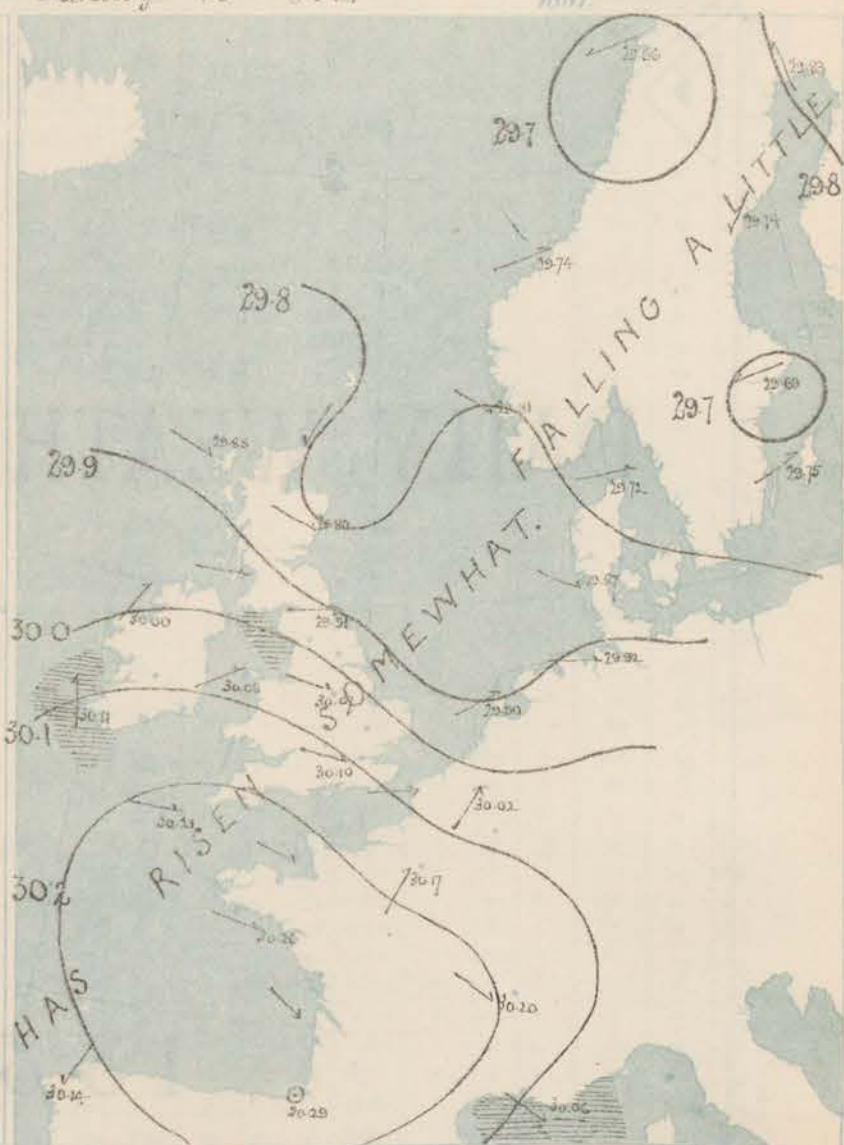
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4;
○ - dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings (in.)
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.986
Valentia	29.965
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Yarmouth	29.970

* 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.

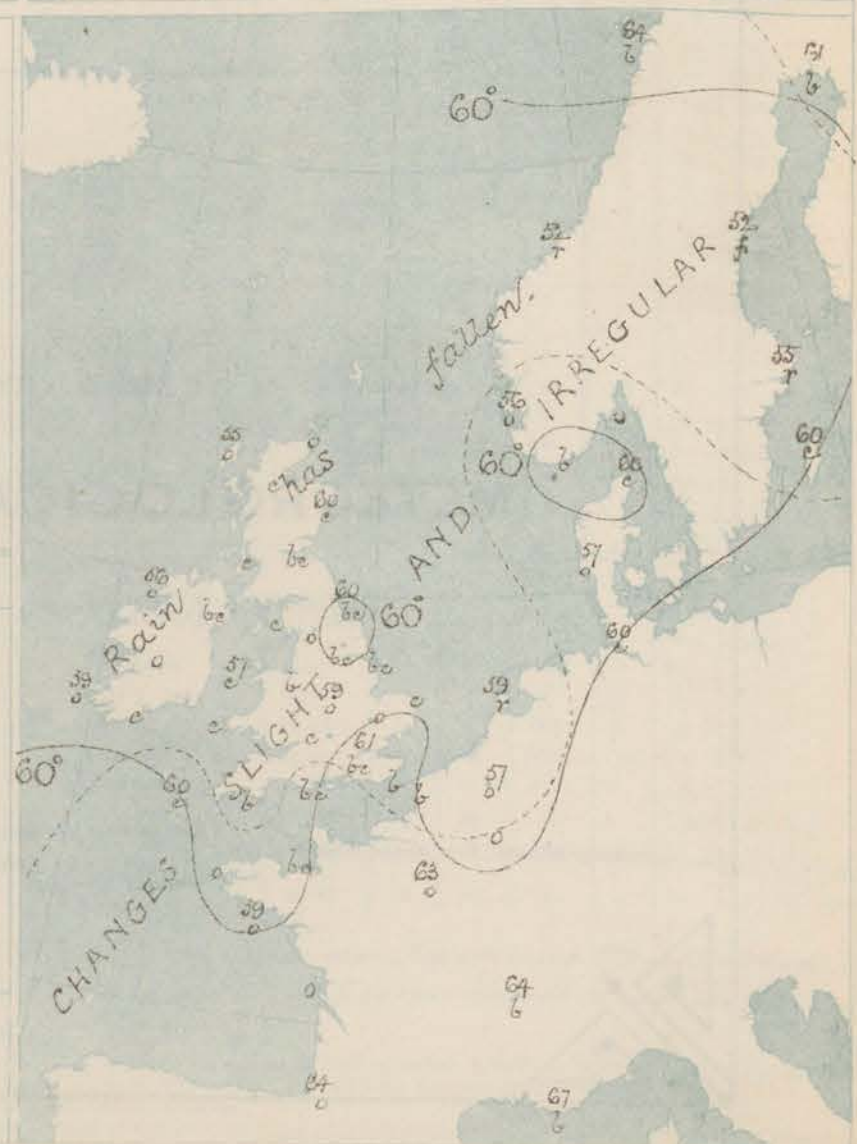
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 July

Stations	Temp.	Rain-Fall
Sandburgh Head	55.7	1.23
Bornemoy	55.3	1.30
Aberdeen	58.3	2.47
Shetland	60.0	2.40
York	61.0	2.06
Malloghmore	60.2	?
Holyhead	61.0	1.60
Paranstown	60.7	2.79
Valentia	61.1	3.88
Sally (St Mary's)	63.3	2.48
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	64.2	2.30
Yarmouth	62.5	2.50

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1865 to 1875.



REMARKS

for... SUNDAY, 10th JULY 1881... at 8 a.m.

In the course of the past night another small shallow depression has crossed Scotland from the Atlantic. Its centre is at present lying off the north-east of that country, and the barometer is recovering over Scotland, as well as over England and France. The wind, which drew into SE and S as the depression advanced, has now veered to W. or NW again, and breezes from that quarter prevail over nearly the whole of the British Isles and the greater part of the Continent. In the west of Ireland, however, the wind has backed to the SW again, probably in the front of some fresh depression. Fresh to strong breezes are reported from the north-east coast of England; elsewhere the wind is light or moderate in strength. Temperature has not changed much, and readings over our Islands now vary from 55° at St. Anson's to 63° in London and 66° at Dover. The highest maxima reported over England yesterday were 71° in London, 72° at Cambridge and 75° at Nottingham. The weather is dull at many of our W. and N. stations but fine in the E. and S. 4 little rain fell generally yesterday. The sea is rough at Valentia and Barrow-in-Burnes, slight or smooth elsewhere.

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 10TH JULY 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	29.72	52	N	0	b	29.73	- .08	61	53	+	2	S	2	b	*	70	46			
Hernösand	29.81	52	SE	2	o	29.74	- .15	52	51	-	3	ENE	2	f	*	64	45	0.04		
Stockholm	29.78	53	E	2	r	29.69	- .14	55	54	+	6	E	2	f	*	62	48	0.35		
Wisby	29.79	56	S	2	c	29.75	- .07	60	58	+	4	WNW	4	c	*	66	54	0.08		
Bodö	29.75	64	E	2	b	29.66	- .15	64	58	+	1	ENE	2	b	1	62	54			
Christiansund	29.76	53	N	4	f	29.74	- .08	52	51	0	2	W	3	r	2	64	43	0.12		
Skudesnaus	29.83	55	WNW	4	v	29.81	- .02	56	52	-	1	WNW	4	o	2	64	55			
Oxö (Xiansund)	29.82	55	SW	2	bc	29.72	- .10	63	59	+	5	WNW	4	b	1	62	52			
Skagen (The Skaw)	29.76	53	N	0	b	29.72	- .07	60	57	+	1	W	3	c	1	70	52			
Fanö	29.76	56	WNW	4	c	29.87	+	55	54	0	0	WNW	4	o	*	63	54			
Cuxhaven	29.92	7	WNW	4	bc	29.92	+	60	57	-	2	W	3	c	*	61	55			
Sumburgh Head	29.79	55	SE	3	r	29.88	+	55	54	+	1	WNW	4	o	3	58	51	0.10		
Stornoway	29.83	55	SE	3	b	29.80	- .10	56	55	+	2	NNE	2	o	1	60	50	0.04		
Wick	29.79	56	N	0	o	29.86	- .04	57	56	0	0	WSW	2	c	3	63	53	0.06		
Nairn	29.79	56	N	0	o	29.86	- .04	57	56	0	0	WSW	2	c	3	63	53	0.06		
Aberdeen	29.83	57	SSW	2	c	29.82	- .10	60	58	+	2	WNW	2	c	2	62	52	0.02		
Leith	29.84	58	W	1	r	29.86	- .06	59	58	+	2	WNW	5	bc	*	67	54	0.12		
Shields	29.85	57	N	0	m	29.91	- .01	60	56	+	3	W	5	bc	2	61	53	0.08		
Spurn Head	29.94	59	S	4	c	29.96	+	52	56	+	3	W	6	bc	4	64	55	0.03		
York	29.94	61	W	3	o	30.00	+	53	57	+	5	W	4	bc	*	70	54	0.05		
Nottingham	29.95	62	SSW	1	r	30.07	+	59	55	-	3	WNW	2	c	*	75	53	0.03		
Ardrossan	29.94	54	SSW	3	r	29.99	+	56	53	+	1	W	3	c	2	61	53	0.08		
M. Maghamore	29.87	56	W	6	o	30.00	+	52	53	0	0	SW	4	og	3	59	53	0.09		
Donaghadee	29.85	60	W	5	c	30.06	+	53	55	0	0	W	3	bc	1	63	52	0.12		
Parsonstown	29.98	60	SW	2	bc	30.09	+	55	54	-	1	SW	1	o	*	61	53	0.03		
Barrow-in-Furness	29.88	54	SW	6	o	30.05	+	58	54	+	3	WNW	5	c	6	63	52	0.10		
Holyhead	29.93	55	SSW	4	n	30.08	+	59	55	0	0	WSW	3	c	3	60	53	0.04		
Liverpool (Ridston)	29.94	57	SW	3	o	30.05	+	57	53	-	1	W	5	b	4	67	54	0.01		
Valentia	30.07	58	W	3	op	30.11	+	58	57	+	1	S	4	o	5	62	54	0.17		
Roche's Point	30.02	59	WNW	4	bc	30.14	+	59	55	+	4	WSW	4	c	4	64	50	0.06		
Pembroke	29.95	57	WSW	4	c	30.13	+	58	56	+	2	W	2	c	2	60	54	0.06		
Scilly	30.06	60	WSW	6	c	30.21	+	57	58	0	0	W	4	c	3	66	56			
Prawle Point	30.05	55	SSW	2	r	30.20	+	53	57	+	2	WNW	3	b	3	62	53	0.10		
Hurst Castle	30.05	59	WSW	5	c	30.14	+	50	57	+	3	NNW	4	bc	4	65	55			
Dover	30.04	61	WSW	4	b	30.07	+	57	59	+	4	NNW	3	b	1	66	57	0.01		
London	30.01	64	SW	2	op	30.10	+	50	54	+	1	WNW	2	bc	*	71	51	0.02		
Oxford	30.02	59	SW	4	o	30.12	+	58	52	+	2	SW	3	c	*	69	52	0.01		
Cambridge	29.97	64	WNW	1	o	30.06	+	59	55	0	0	W	1	o	*	72	52	0.03		
Yarmouth	29.99	62	N	0	bc	30.00	+	55	55	0	0	WNW	4	c	2	64	55	0.23		
The Helder	29.99	60	WSW	1	b	29.90	- .01	59	57	-	1	WSW	1	+	2	64	57	0.02		
Cape Gris Nez	30.02	59	WSW	5	bc	30.08	+	60	59	+	2	W	5	b	4	64	57			
Jersey	30.15	63	W	2	bc	30.26	+	59	58	+	3	WNW	3	bc	3	65	57	0.02		
Brest	30.15	60	NNW	4	f	30.28	+	59	56	+	1	NNW	3	o	3	64	58			
Lorient	30.14	63	SW	3	m	30.26	+	57	55	0	0	NNW	4	o	1	68	55			
Rochefort	30.20	67	WNW	5	b	30.25	+	55	60	-	1	NNW	5	o	2	72	57	0.16		
Biarritz	30.27	68	WNW	4	o	30.29	+	57	63	-	1	SW	1	o	3	72	61			
Corunna	*	*	*	*	*	30.34	-	59	67	*	2	NNE	3	c	4	*	*	*		
Brussels	*	*	*	*	*	30.02	+	54	56	+	3	SW	5	o	*	68	56	0.04		
Charleville	30.08	66	SSW	4	bc	30.06	+	53	54	0	0	SSW	3	o	*	73	52			
Paris	30.10	69	N	0	c	30.17	+	53	57	+	3	SSW	3	o	*	*	*			
Lyons	30.10	73	NNW	1	b	30.20	+	52	56	+	2	WNW	3	b	*	80	57			
Toulon	29.97	73	W	8	bc	30.06	- .03	67	57	-	3	NNW	3	b	5	73	66			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																				
Hawes Junction	28.70	52	SW	2	r	28.76	+	50	50	+	1	W	4	o	*	60	49	0.34		

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

Hawes Junction	28.70	52	SW	2	r	28.76	+	53	50	+	1	W	4	60	49	0.34
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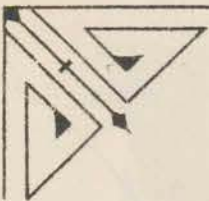
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Vca.	Sea.	
Skudesnaes ...	29.82	59	52	WNW	6	3	Valentia ...	30.04	59	57	WNW	4	and	4
Sumburgh Head							Scilly ...	30.05	61	60	S	5	f	4
Stornoway ...	29.83	56	55	SSE	3	0	Dover ..	30.04	62	58	SW	4	bc	2
Aberdeen ...	29.88	57	54	SSE	3	0	London ...	30.03	69	60	WNW	2	bc	*
Shields ...	29.92	57	55	S	2	0	Yarmouth ...	30.00	62	58	E	1	c	1
Ardrossan ...	29.88	57	56	SSW	2	1	Jersey ...	30.15	64	60	WSW	3	3	3
Mullaghmore ...	29.83	57	55	SSW	5	0 g m	Rochefort ...	30.21	71	63	WNW	7	bc	4
Holyhead ..	29.97	58	57	SSW	4	0 p	Bon Nevis 4,406 ft.	25.40	40	40	WSW	2	0	43 36 01

The barometer is rising in the S., falling elsewhere, and moderate to light S^t and W^t winds prevail, with dull, showery weather in the W. and N. and fair weather in the SE. Temperature ranges from 63° in London to 56° at Stornoway.

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); 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

MONDAY, 11TH JULY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



Printed by J. W. Smith, 22, Bedford St. (opposite Garden).

WEATHER CHARTS

for 8 a.m. on Monday 11th JULY 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:
 → force above 10; →→ force 8 to 10;
 →→ force 5 to 7; →→ force 1 to 4.

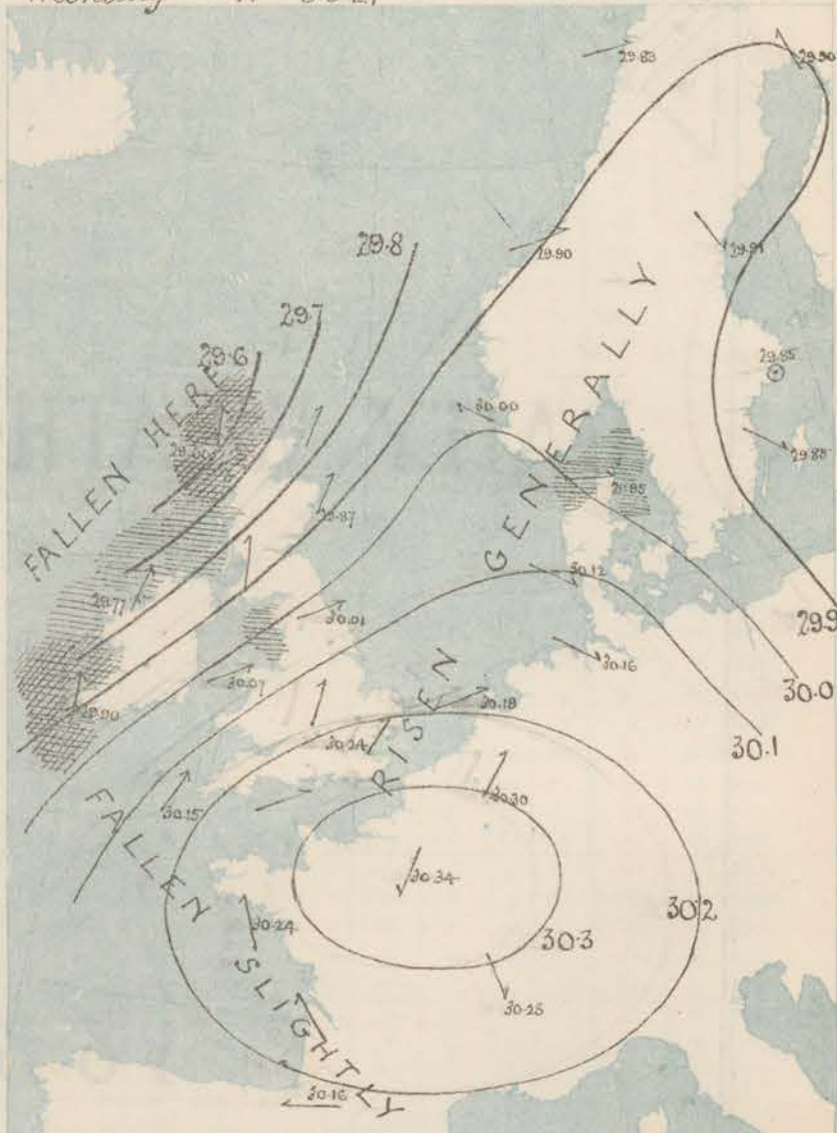
☉. dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings.
	Inch.
Nairn	29.833
Aberdeen	29.846
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Yarmouth	29.970

* These means are for the 10 years 1868-76. 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.

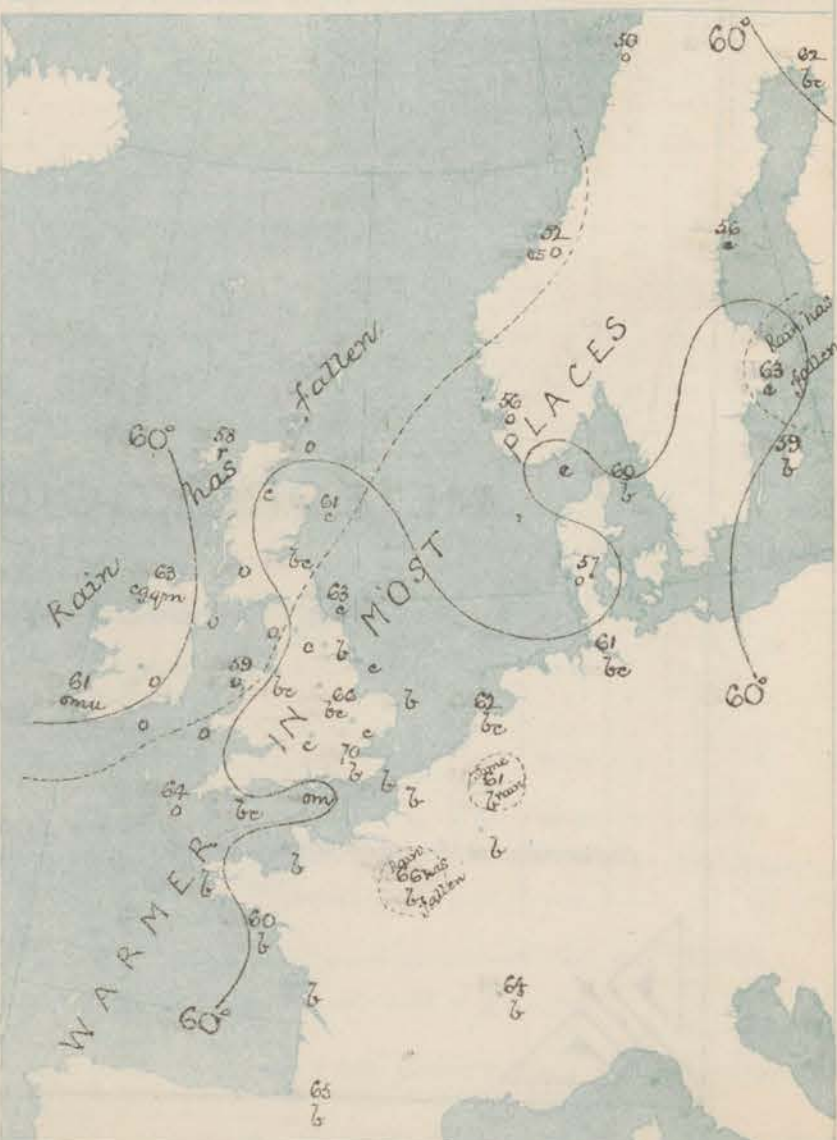
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp	Rain-fall
		inches
Sandburgh Head	53.7	1.23
Stornoway	55.3	1.30
Aberdeen	58.3	2.47
Shields	60.0	2.40
Yick	61.0	2.00
Mullaghmore	62.2	?
Holyhead	61.0	1.00
Portsmouth	60.7	2.79
Valentia	61.1	2.88
Sally (St. Mary's)	63.4	2.40
Harst Castle	62.8	?
Dover	65.7	2.00
LONDON	64.3	2.50
Yarmouth	63.7	2.59

* The mean temperatures are those for the 13 years 1857-69, the mean amounts of rain are those for the 10 years 1868-76.



REMARKS

for... MONDAY... 11TH JULY... 1881... at 8 a.m.

During the past night the mercury has fallen fast on our western coasts, and a large depression has appeared off the west of Scotland. At the same time the barometer has risen over Scandinavia, North Germany, the north east of France and the South east of England, so that gradients have increased considerably in the west and north, and over Scotland and Ireland have become rather steep. An area of high pressure is shown over the west of France, and E^{ly} to SE^{ly} breezes prevail over that country, while over the whole of these Islands the wind is S^{ly} to SW^{ly}, and in Denmark draws into W. On our extreme west coasts a fresh gale prevails and at our other western and northern stations the wind is fresh but in the south east and south it is light. Temperature has risen somewhat, and readings range from 70° in London to 59° at Hurst Castle and 57° at Wick. The maxima were between 70° and 74° over Central England. The weather is fine and bright over France, North Germany and the south east of England, but is dull elsewhere, with mist in the west of Ireland and rain at Stornoway. The sea is high at Stornoway and Valentia and rough at Barrow in Furness and Mullaghmore.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

12TH JULY

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S ^{ly} winds, strong to a gale, but falling lighter; dull, some rain.
2 SCOTLAND EAST	S ^{ly} and SW ^{ly} winds, moderate; fair, warm.
3 ENGLAND N E	— 59° — 60° — 61° —
4 ENGLAND EAST	SW ^{ly} and W ^{ly} winds, light or moderate; cloudy, close.
5 MIDLAND COUNTIES	S ^{ly} winds, light or moderate; fair, rather cloudy, very warm.
6 ENGLAND SOUTH	— 61° — 62° — 63° —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^{ly} winds, strong; dull.
7 ENGLAND N.W.	SW ^{ly} winds, fresh and strong; dull, close.
8 ENGLAND S.W.	S ^{ly} to SE ^{ly} winds, fresh to light; cloudy, hazy, warm.
9 IRELAND NORTH	S ^{ly} and SW ^{ly} winds, falls to strong breezes; cloudy, close, unsettled.
10 IRELAND SOUTH	— 59° — 60° — 61° —
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR JULY 11th 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 ...	29.84	60	S	2	b	29.90	+ .07	62	54	+ 1	S	2	b	*	70	57	—	
Hernösand ...	29.82	51	Z	0	f	29.91	+ .17	56	53	+ 4	NNW	2	c	*	68	48	—	
Stockholm ...	29.72	57	SW	2	o	29.85	+ .16	60	59	+ 8	Z	0	c	*	68	52	0.16	
Wisby ...	29.76	58	SSW	2	b	29.85	+ .10	59	57	— 1	NW	2	b	*	68	50	—	
Bodö ...	29.67	58	E	1	b	29.83	+ .17	50	49	— 14	WSW	2	o	1	72	50	—	
Christiansund...	29.81	57	NNW	4	r	29.90	+ .16	52	51	0	WSW	3	o	2	52	43	0.51	
†Skudesnaes ...	29.92	55	NW	4	b	30.00	+ .19	56	52	0	SE	2	o	2	59	55	—	
Örö (Kristiansund) ...	29.78	62	W	4	b	29.95	+ .23	61	57	— 2	W	4	c	2	68	54	—	
Skagen (The Skaw) ...	29.77	60	W	5	b	29.95	+ .23	60	55	0	W	4	b	5	64	55	—	
Fanö ...	30.03	44	NW	4	c	30.12	+ .25	57	54	0	NW	4	o	*	63	54	—	
Cuxhaven ...	29.93	?	NNW	3	c	30.16	+ .24	61	58	+ 1	NNW	3	b	*	64	55	—	
†Sumburgh Head ...																		
†Stornoway ...	29.80	54	S	6	r	29.60	— .28	58	58	+ 3	S	8	r	7	59	52	0.14	
Wick ...	29.90	56	E	2	o	29.76	— .14	57	55	+ 1	SSW	4	o	3	65	53	0.15	
Nairn ...	29.89	62	SW	1	b	29.76	— .10	65	60	+ 8	SW	2	c	1	67	57	0.04	
†Aberdeen ...	29.94	61	S	1	c	29.87	+ .07	61	58	+ 1	SSW	3	o	3	66	53	0.18	
Leith ...	29.98	62	W	2	c	29.83	— .15	66	60	+ 7	W	1	b	*	69	55	—	
†Shields ...	30.03	66	W	3	c	30.01	+ .10	63	58	+ 3	WSW	5	c	2	68	57	0.01	
Spurn Head ...	30.10	64	W	4	b	30.13	+ .17	65	64	+ 6	SW	4	c	3	65	58	—	
York ...	30.01	65	W	4	b	30.11	+ .11	63	57	+ 1	SW	3	b	*	69	56	—	
Nottingham ...	30.14	64	NNW	2	b	30.15	+ .08	66	59	+ 7	SSW	4	b	*	74	56	—	
†Ardrossan ...	29.99	57	SSW	4	op	29.91	— .08	57	56	+ 1	S	4	o	3	60	55	0.01	
†Mullaghmore ...	29.89	62	SSW	6	ogvp	29.77	— .23	63	60	+ 7	SSW	8	ogvp	6	63	56	0.04	
Donaghadee ...	30.01	58	S	3	o	29.93	— .13	59	58	0	SSW	6	o	4	67	55	—	
Parsonstown ...	30.02	62	SSW	2	b	29.92	— .17	65	61	+ 9	SSW	4	o	*	68	55	0.01	
Barrow-in-Furness...	30.12	59	SW	5	r	30.08	+ .03	59	54	+ 3	SW	6	o	6	63	56	0.03	
†Holyhead ...	30.12	60	SSW	4	o	30.07	— .05	59	57	+ 2	SSW	5	o	4	60	55	0.02	
Liverpool (Bidston) ...	30.12	61	SW	3	c	30.09	+ .03	64	57	+ 7	S	1	b	1	65	56	—	
†Valentia ...	30.04	59	S	6	omg	29.90	— .21	61	60	+ 2	S	8	omg	7	63	58	0.05	
Roche's Point...	30.12	60	SW	5	o	30.02	— .12	57	55	— 2	SW	5	o	4	65	50	0.08	
Pembroke ...	30.17	58	SSW	3	o	30.11	— .02	58	56	0	SSW	5	o	3	61	57	—	
†Scilly ...	30.23	62	SSW	5	o	30.15	— .06	64	60	+ 4	SSW	5	o	4	68	57	—	
Prawle Point ...	30.26	59	WSW	3	b	30.23	+ .03	60	58	+ 1	SSE	2	b	2	62	54	—	
Hurst Castle ...	30.23	64	W	4	b	30.26	+ .12	59	58	— 1	WSW	2	om	3	70	57	—	
†Dover ...	30.18	62	WSW	1	b	30.27	+ .20	63	60	— 3	SW	3	b	1	70	58	—	
†London ...	30.19	70	NW	2	b	30.24	+ .14	70	60	+ 9	SW	2	b	*	74	54	—	
Oxford ...	30.18	64	W	2	b	30.21	+ .09	63	56	+ 5	S	2	c	*	69	56	—	
Cambridge ...	30.14	67	W	1	b	30.17	+ .11	66	58	+ 7	SW	1	c	*	71	53	—	
†Yarmouth ...	30.12	64	NNW	3	b	30.20	+ .20	67	58	+ 7	WSW	2	b	1	68	56	—	
The Helder ...	30.10	62	NNW	3	b	30.19	+ .29	62	59	+ 3	WSW	1	b	1	62	59	0.12	
Cape Gris Nez ...	30.22	60	W	5	b	30.29	+ .21	60	59	0	WSW	4	b	2	66	57	—	
†Jersey ...	30.33	61	W	3	b	30.30	+ .04	64	60	+ 4	SE	1	b	1	65	52	—	
Brest ...	30.31	61	NNW	3	b	30.25	— .03	60	58	+ 1	SSE	3	b	3	66	52	—	
Lorient ...	30.27	65	W	4	b	30.24	+ .03	60	57	+ 1	SSE	4	b	1	70	54	—	
†Rochefort ...	30.27	67	NW	5	b	30.25	00	64	60	+ 1	SE	4	b	2	72	55	—	
Biarritz ...	30.25	68	N	4	b	30.46	— .13	65	62	+ 1	E	4	b	2	73	57	—	
Corunna ...	*	*	*	*	*			*	*						*	*	*	
Brussels ...	*	*	*	*	*	30.30	+ .28	61	58	+ 4	SW	3	b	*	67	54	0.04	
Charleville ...	30.17	67	W	7	b	30.36	+ .30	57	50	— 1	W	1	b	*	73	46	—	
Paris ...	30.25	70	NW	5	b	30.34	+ .17	66	59	+ 3	NE	3	b	*	*	*	0.24	
Lyons ...	?	72	N	1	c	30.28	+ .08	64	54	0	NNW	3	b	*	78	58	—	
Toulon ...																		

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

Hawes Junction	28.87	56	WSW	3	b	28.84	+ .08	55	52	+ 3	WSW	3	o	*		60	52	—
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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 ...	29.88	58	53	WNW	5	c	3	Valentia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	30.28	71	63	NW	7	b	2
Holyhead ...															

EXPLANATION OF COLUMNS.

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

TUESDAY, 12TH JULY

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.)



Printed by T. D. Longfield, Lith. & Ballard St. George's Garden.

WEATHER CHARTS

for 8 a.m. on Tuesday 12th JULY 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.

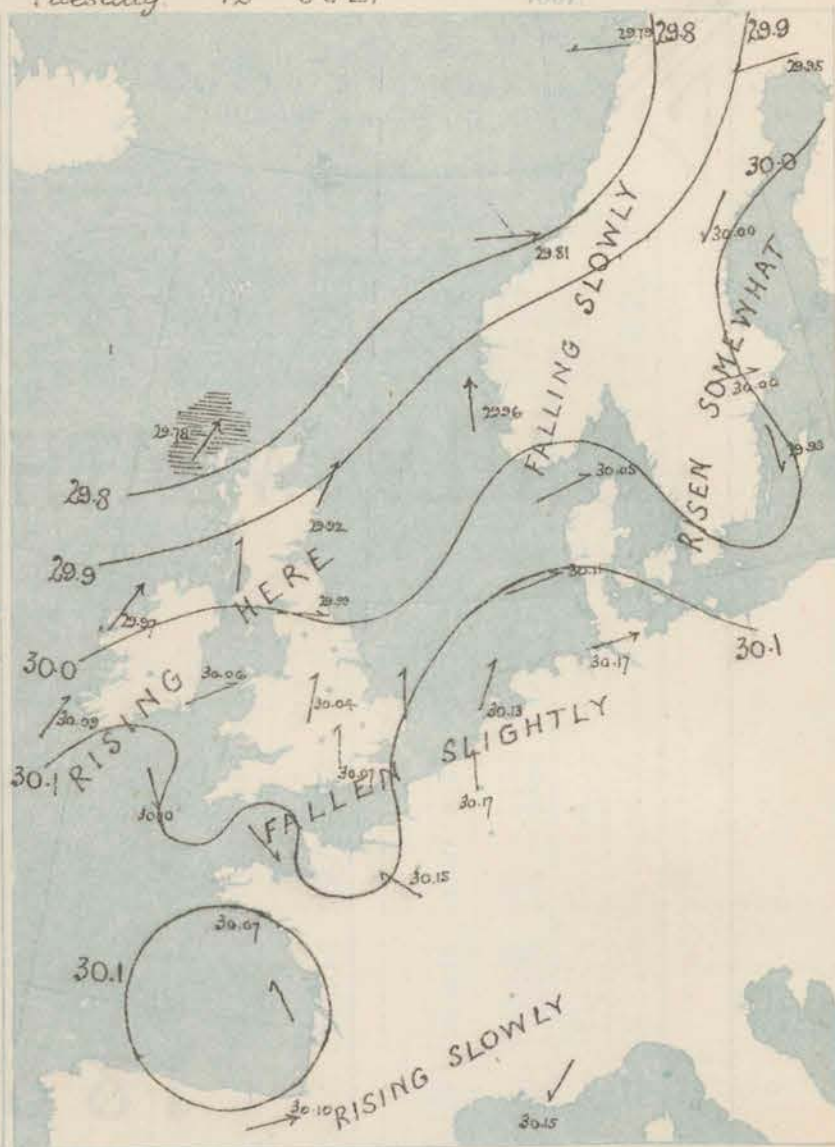
Wind Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10; → forces 5 to 7; → forces 1 to 4.
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings
	Inch
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.973
Greenock	29.917
Holyhead	29.946
Valentia	29.963
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Yarmouth	29.970

* 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 July

Stations	Temp.	Rain-Fall
	°	inches
Sandwich Head	53.7	1.23
Stornoway	55.0	1.20
Aberdeen	54.3	2.47
Shetlands	50.0	2.40
York	61.0	2.00
Mullaghmore	49.2	?
Holyhead	61.0	1.65
Portsmouth	60.7	2.79
Valentia	61.1	3.48
Silly (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.63
LONDON	66.3	2.30
Yarmouth	62.5	2.29

* 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 12TH JULY 1881 at 8 a.m.

The barometer is rising all over the western and northern parts of the Kingdom, as well as in Sweden and the south of France, but in all other places the mercury is falling, and depressions are forming over France and England. Pressure is highest over the east of France and lowest to the N.^{W.} of Scotland so that S.W. winds prevail over the greater part of Western Europe, but owing to the depressions in the south the wind in that region is more variable; N.W. and N. breezes being reported from our South West coasts and the north west of France, and S. breezes in the south east of England. The weather is fine and bright in nearly all places, but is cloudy and stormy all over the western half of the Channel and the south west and west of England, where also fog is reported. Rain has fallen at all the western stations, and thunder has been heard at Hurst Castle and Oxford. Temperature has fallen except over France and our Southern and eastern districts, and readings range from 73° in London to 56° at Ayr. The maxima yesterday were 71° at Cambridge and Nottingham and 78° at Yarmouth, London and York. The sea is moderate to smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

13TH JULY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	S.W. and S. winds, moderate and fresh, fair, warm, close.
2	SCOTLAND EAST	—
3	ENGLAND N.E.	W. to variable breezes, light; unsettled, thunderstorms.
4	ENGLAND EAST	S. to N.W. or variable breezes, light; close, with thunderstorms; then cloudy and cool.
5	MIDLAND COUNTIES	—
6	ENGLAND SOUTH	—

DISTRICTS

FORECASTS

6	SCOTLAND WEST	S. and S.W. winds, moderate; fair, warm.
7	ENGLAND N.W.	S.W. to N.W. breezes, light; dull, some showers.
8	ENGLAND S.W.	W. and N.W. winds, moderate and fresh; stormy, cool.
9	IRELAND NORTH	S.W. to W. or N.W. winds, fresh or moderate; fine to cloudy and stormy.
10	IRELAND SOUTH	—
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 12TH JULY 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	29.96	60	Z	0	b	29.95	+ .05	66	59	+ 4	E	2	b	*	68	53	—		
Hernösand	29.94	55	Z	0	b	30.00	+ .09	51	50	+ 5	NE	2	f	*	66	48	—		
Stockholm	29.97	55	Z	0	b	30.00	+ .15	64	59	+ 3	W	2	b	*	73	55	0.24		
Wishby	29.92	59	Z	0	b	29.93	+ .08	59	57	+ 0	N	2	b	*	64	50	—		
Bodö	29.93	51	Z	0	o	29.79	— .04	60	54	+ 10	E	2	o	1	70	48	—		
Christiansund	29.94	62	ESE	1	c	29.87	— .09	50	55	+ 4	W	6	f	3	63	48	—		
†Skudesnaes	30.00	58	SSE	6	m	29.96	— .04	59	57	+ 3	S	6	o	4	59	?	—		
Oxö (Klansund)	30.04	58	NNW	6	m	30.03	+ .08	63	60	+ 2	SW	2	m	2	64	55	—		
Skagen (The Skaw)	30.03	58	WSW	2	b	30.05	+ .10	63	57	+ 3	WSW	3	b	3	66	54	—		
Faro	30.14	57	W	2	b	30.11	— .01	70	64	+ 13	WSW	4	b	*	70	55	—		
Cuxhaven	30.18	75	W	3	c	30.17	+ .01	70	64	+ 9	WSW	2	b	*	?	55	—		
†Sumburgh Head																			
†Stornoway	29.67	54	SW	7	bog	29.78	+ .12	36	55	— 2	SW	6	c	6	60	56	0.01		
Wick	29.71	64	WSW	4	op	29.87	+ .11	59	55	+ 2	SSW	3	b	2	71	50	0.05		
Nairn	29.76	60	SSW	4	b	29.87	+ .11	60	53	— 5	SSW	5	b	2	72	51	—		
†Aberdeen	29.94	60	SSW	5	c	29.92	+ .02	64	59	+ 3	SSW	2	b	2	69	53	—		
Leith	29.87	63	SW	6	c	29.98	+ .11	61	56	— 5	SW	1	b	*	70	56	0.01		
†Shields	29.96	72	WSW	7	b	29.99	— .02	63	60	+ 0	W	2	m	2	74	56	—		
Spurn Head	30.06	71	SSW	5	b	30.06	— .07	61	60	— 4	SE	2	b	2	77	58	—		
York	30.04	75	SW	2	b	30.04	— .07	65	59	+ 2	W	2	b	*	78	55	—		
Nottingham	30.07	71	SSW	3	b	30.04	— .11	70	65	+ 4	SSW	2	b	*	79	54	—		
†Ardrossan	29.89	57	S	5	rm	29.99	+ .08	56	55	— 1	S	2	bm	2	59	53	0.11		
†Mullaghmore	29.86	62	SW	5	b	29.97	+ .10	57	54	— 6	SW	5	b	4	65	57	0.13		
Donaghadee	29.90	59	SW	5	o	30.03	+ .10	60	57	+ 1	WSW	4	b	2	67	50	0.14		
Parsonstown	29.95	56	SW	1	r	30.07	+ .15	56	54	— 9	WSW	1	c	*	66	50	0.32		
Barrow-in-Furness	30.05	63	SW	5	b	30.04	— .04	57	57	— 2	SW	4	ond	4	68	57	0.02		
†Holyhead	30.03	60	SSW	6	o	30.06	— .01	58	58	— 1	WSW	2	m	2	64	56	0.05		
Liverpool (Bidston)	30.02	71	SW	2	b	30.05	— .04	60	57	— 4	WSW	1	o	1	75	46	—		
†Valentia	29.96	61	SSW	4	c	30.09	+ .19	59	56	— 2	SW	4	c	4	64	51	0.11		
Roche's Point	30.02	56	SW	5	r	30.10	+ .08	58	55	+ 1	W	1	b	3	60	51	0.16		
Pembroke	30.06	60	SSW	4	b	30.03	— .08	57	57	— 1	NN	2	f	2	62	56	0.02		
†Scilly	30.08	63	SSW	5	o	30.10	— .05	60	59	— 4	NNW	5	of	4	68	57	0.03		
Prawle Point	30.14	67	W	1	b	30.10	— .13	62	59	+ 2	NNW	2	b	1	68	54	—		
Hurst Castle	30.17	68	S	2	b	30.06	— .20	63	61	+ 4	WSW	2	cp	2	68	57	—		
†Dover	30.19	64	WSW	1	b	30.11	— .16	70	60	+ 7	SW	2	b	1	70	59	—		
†London	30.16	74	SSW	3	b	30.07	— .17	73	61	+ 3	S	2	b	*	78	57	—		
Oxford	30.13	68	S	1	b	30.06	— .15	59	58	— 4	Z	0	op	*	75	52	0.03		
Cambridge	30.11	73	S	1	b	30.06	— .11	68	67	+ 2	NE	1	b	*	74	53	—		
†Yarmouth	30.15	73	S	3	b	30.10	— .10	66	62	— 1	S	2	b	1	78	60	—		
The Helder	30.18	66	SW	1	b	30.13	— .06	68	62	+ 6	SSW	2	b	1	70	54	—		
Cape Gris Nez	30.20	68	Z	0	b	30.14	— .15	70	60	+ 10	S	4	b	1	72	59	—		
†Jersey	30.17	75	Z	0	b	30.13	— .17	65	60	+ 1	NN	3	cg	3	76	60	—		
Brest	30.14	67	S	3	b	30.14	— .11	60	59	+ 0	N	3	m	3	68	55	—		
Lorient	30.12	71	SW	1	b	30.07	— .17	63	56	+ 3	NN	4	b	1	75	59	—		
†Rochefort	30.07	86	SE	4	b	30.07	— .18	72	65	+ 8	SE	3	b	0	95	61	—		
Biarritz	30.02	92	E	5	b	30.10	— .06	75	71	+ 10	WSW	5	c	2	96	61	—		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.17	— .13	70	61	+ 9	S	2	b	*	78	62	—		
Charleville	30.30	77	SSW	2	b	30.19	— .17	65	56	+ 8	SSE	4	b	*	79	54	—		
Paris	30.21	77	ENE	4	b	30.15	— .19	71	62	+ 5	SE	2	b	*	*	*	—		
Lyons																			
Toulon	30.13	77	Z	0	b	30.15	+ .09	80	60	+ 3	NE	1	b	1	84	73	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.83	62	W	4	b	28.81	— .03	54	54	— 1	SW	3	om	*	65	53	0.03		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.			
Skudesnaes ...	30.01	59	57	SSE	6	o	3	Valentia ...	29.93	60	57	S	4	o	4	
Sumburgh Head								Scilly ...	30.12	66	61	SSW	6	b	5	
Stornoway ...	29.59	59	59	SSW	8	rg	7	Dover ..	30.24	67	61	WSW	2	b	1	
Aberdeen ...	29.88	67	62	SSW	3	c	2	London ...	30.20	75	65	SSW	3	b	*	
Shields ...	29.98	74	64	WSW	6	b	2	Yarmouth ...	30.19	77	64	SSW	3	b	2	
Ardrossan ...	29.89	60	57	S	5	o	4	Jersey ...	30.24	73	64	SE	2	b	2	
Mullaghmore ...	29.84	50	56	WSW	4	ogon	4	Roche fort ...	30.18	93	74	ESE	5	b	2	
Holyhead ...	30.06	64	60	SSW	6	b	4	Ben Nevis 4,406 ft	25.34	47	47	WSW	9	o	47	
														MAX	MIN	RAIN
														47	38	0.36

The depression noticed this morning is passing away N.W., but a fresh fall is commencing at Valentia. The weather is very fine and warm in the E., but more cloudy in the W. with rain at Stornoway. The thermometer ranges from 77° at Yarmouth 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

FOR

WEDNESDAY, 13TH JULY.

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^d/per quarter*
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ROBERT H. SCOTT

(SECRETARY.)

Fred^o Dangerfield, Lith 22, Bedford St Covent Garden.



WEATHER CHARTS

for 8 a.m. on WEDNESDAY 13TH JULY 1881

BAROMETER, WIND & SEA.

Explanation of Map.

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

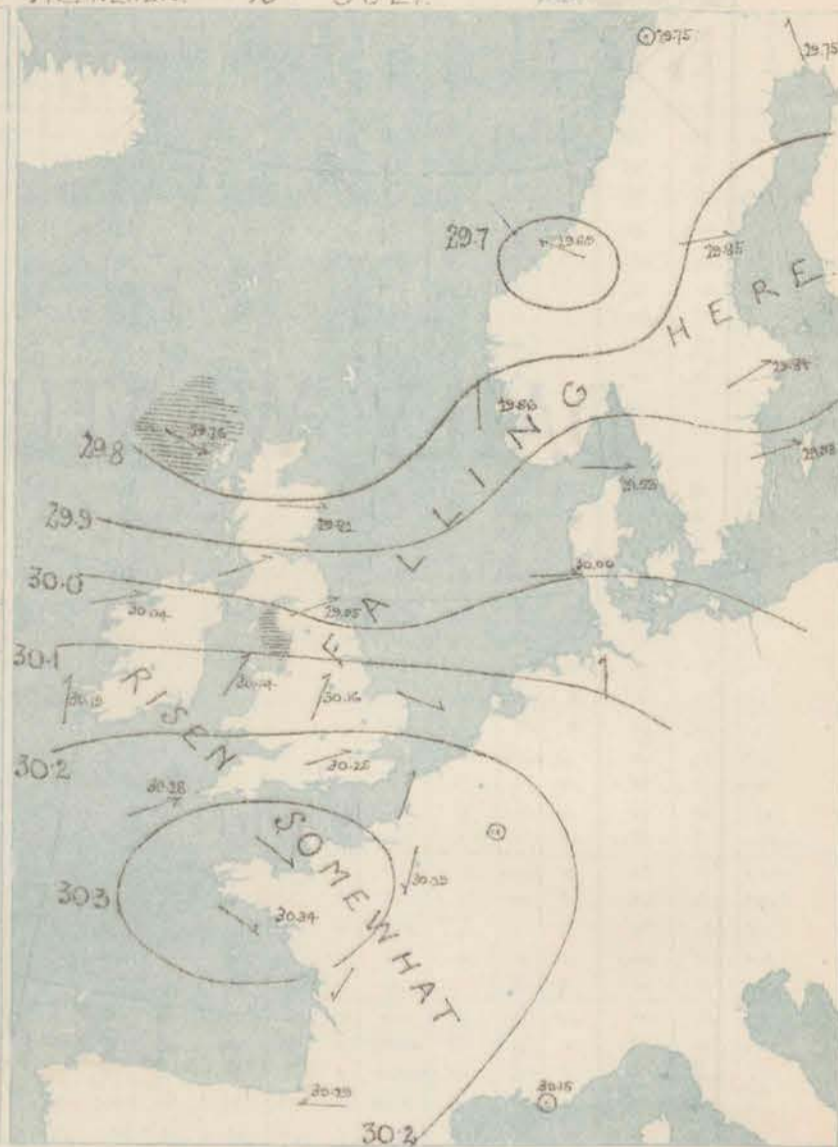
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; →→ forces 8 to 10
 →→ forces 5 to 7; →→→ forces 1 to 4;
 ○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenacres	29.917
Holyhead	29.896
Valentia	29.965
Roche's Pt.	29.970
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.

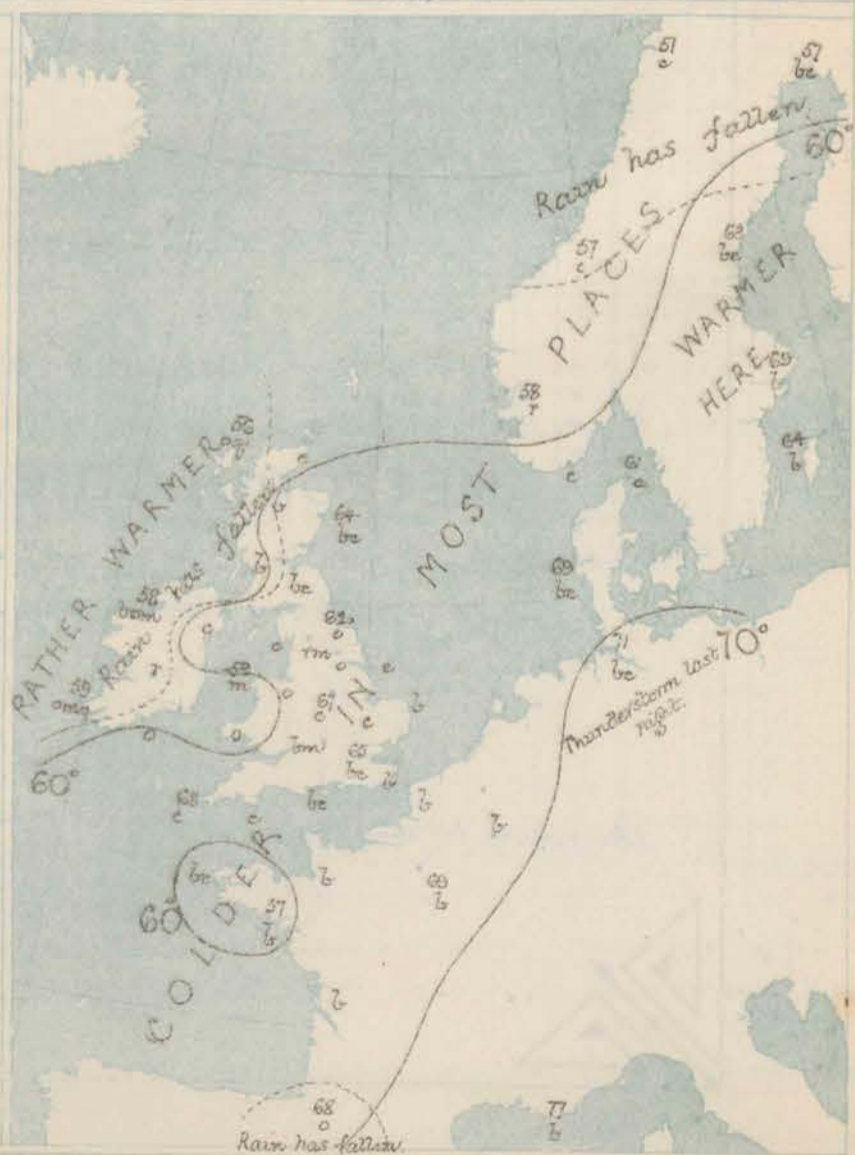
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp	Rain-fall
Sundburgh Head	53.7	1.23
Stornoway	55.3	1.30
Aberdeen	58.3	2.47
Shetlands	60.0	2.40
York	61.0	2.06
Mallaighmore	60.2	"
Holyhead	61.0	1.68
Parsonstown	60.7	1.39
Valentia	61.1	3.88
Sally (St Mary's)	61.3	2.49
Hurst Castle	62.4	"
Dover	62.7	2.03
LONDON	64.3	2.20
Yarmouth	62.5	1.39

* The mean Temperatures are these for the 13 years 1857-69; the mean amounts of Rain are these for the 10 years 1865 to 1875.



REMARKS

for WEDNESDAY, 13TH JULY 1881, at 8 a.m.

During the past twenty-four hours the mercury has risen over France and the greater part of these Islands, but has fallen somewhat on our north east coasts, and on the eastern shores of the North Sea. An anticyclone lies over the north west of France and the western half of the Channel, while a rather large depression lies to the N^W of Scotland. This disturbance is apparently passing away to the N^W, but freshets are rather steep over us. The wind is moderate to fresh from W on most of our coasts but both at Valentia and over Denmark and Norway the wind is S^W and over France variable. The weather is fine over France, North Germany and the greater part of the British Isles, but is dull, with misty rain in Ireland and dull over Norway and the north of Scotland. Slight showers have occurred in a few places. Temperature has fallen a little in the east and south, and readings range from 69° at Dover to 56° at Stornoway; the maxima yesterday were 82° in London, 81° at Nottingham and 80° at Cambridge. The sea is moderate to slight except at Barrow in Fumess and Stornoway.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

14TH JULY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	W ^h and N ^W winds, moderate and strong, cloudy, some showers, then fair.
2	SCOTLAND EAST	W ^h winds, moderate and fresh; fair, close, warm.
3	ENGLAND N.E.	W ^h winds, light or moderate; fair, very warm.
4	ENGLAND EAST	W ^h winds, light or moderate; fine, warm, some haze.
5	MIDLAND COUNTIES	W ^h winds, light or moderate; fine, warm, some haze.
6	ENGLAND SOUTH	W ^h winds, light or moderate; fine, warm, some haze.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	W ^h winds, moderate; fine to cloudy.
7	ENGLAND N.W.	W ^h and W ^h winds, moderate and fresh; cloudy, misty.
8	ENGLAND S.W.	W ^h winds, moderate, cloudy, close, fair.
9	IRELAND NORTH	W ^h and W ^h winds, moderate and fresh; cloudy, close, rain in west.
10	IRELAND SOUTH	W ^h winds, moderate, cloudy, close, fair.
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 13TH JULY 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 52° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.91	59	S	2	o	29.75	- 20	57	54	- 9	S	2	bc	*	68	55	0.04		
Hernösand	29.83	52	E	2	c	29.65	- 15	63	56	+ 12	W	2	bc	*	68	46	-		
Stockholm	29.91	64	W	2	bc	29.84	- 16	69	62	+ 3	WSW	2	b	*	81	50	-		
Wisby	29.99	62	SW	2	b	29.93	- 00	64	60	+ 5	W	2	b	*	66	48	-		
Bodö	29.82	53	S	1	T	29.75	- 04	51	50	- 9	Z	0	c	0	64	48	0.28		
Christiansund	29.88	57	SSW	1	c	29.69	- 12	57	53	+ 1	ESE	2	c	2	57	45	0.40		
†Skudesnaes	29.95	58	SW	2	c	29.86	- 10	63	57	- 1	S	4	T	4	63	57	-		
Oxö (Xiansund)	29.97	60	SW	4	m	29.92	- 11	61	59	- 2	SW	4	c	2	63	55	-		
Skagen (The Skaw)	29.99	60	WSW	3	bc	29.93	- 12	61	58	- 2	W	3	c	3	73	55	-		
Fanö	30.07	60	SSE	1	c	30.00	- 11	69	64	- 1	W	2	bc	*	70	56	-		
Cuxhaven	30.05	?	N	2	b	?	?	71	67	+ 1	S	2	bc	*	75	55	0.74		
†Sumburgh Head																			
†Stornoway	29.76	55	SSW	6	o	29.76	- 02	56	55	0	WNW	6	ag	5	58	52	0.05		
Wick	29.85	57	W	2	o	29.74	- 13	59	54	0	WNW	5	c	3	64	54	-		
Nairn	29.86	61	SW	3	c	29.75	- 12	61	55	+ 1	SW	7	b	3	65	57	-		
†Aberdeen	29.92	63	SW	1	c	29.82	- 10	64	59	0	W	4	bc	2	69	55	-		
Leith	29.96	65	SW	3	c	29.92	- 06	62	57	+ 1	NW	5	bc	*	69	57	-		
†Shields	30.01	68	W	3	bc	29.98	- 01	62	59	- 1	WSW	3	o	1	70	56	-		
Spurn Head	30.05	65	SW	1	bc	30.12	+ 06	60	57	- 1	SW	4	c	3	70	54	-		
York	30.05	68	W	2	b	30.10	+ 06	61	57	- 4	W	4	o	*	74	55	-		
Nottingham	30.07	71	Z	0	bc	30.16	+ 12	67	61	- 3	SW	3	c	*	81	52	-		
†Ardrossan	29.97	58	S	3	o	29.98	- 01	59	55	+ 3	WSW	4	b	3	61	55	0.01		
†Mullaghmore	29.96	59	SSW	5	ogw	30.04	+ 07	58	56	+ 1	WSW	4	bc	4	64	56	0.08		
Donaghadee	30.01	61	W	4	c	30.01	- 02	65	60	+ 5	WSW	5	c	3	68	58	-		
Parsonstown	30.07	62	WSW	2	c	30.13	+ 06	69	58	+ 3	W	1	T	*	65	56	0.01		
Barrow-in-Furness	30.09	62	WSW	3	bc	30.06	+ 02	59	57	+ 2	SW	6	o	5	65	56	-		
†Holyhead	30.11	62	SSW	3	bc	30.14	+ 08	59	58	+ 1	SW	4	m	3	65	54	-		
Liverpool (Bidston)	30.05	63	WNW	1	c	30.13	+ 08	62	59	+ 2	WSW	4	o	2	66	54	-		
†Valentia	30.06	60	SSW	6	om	30.19	+ 10	59	59	0	S	4	omg	4	63	58	0.01		
Roche's Point	30.14	58	WSW	4	c	30.19	+ 09	60	58	+ 2	WSW	3	o	4	64	56	-		
Pembroke	30.13	58	WSW	4	b	30.19	+ 16	58	57	+ 1	WSW	3	o	3	61	54	-		
†Scilly	30.22	62	W	4	c	30.28	+ 18	63	60	+ 3	WSW	5	c	4	64	56	-		
Prawle Point	30.19	64	W	3	b	30.30	+ 20	59	58	- 3	WSW	3	c	2	67	53	-		
Hurst Castle	30.11	75	WNW	2	b	30.28	+ 22	62	58	- 1	WNW	4	bc	3	77	54	-		
†Dover	30.06	68	WSW	2	b	30.23	+ 12	69	61	- 1	WSW	3	b	2	75	60	-		
†London	30.07	76	W	3	bc	30.25	+ 18	65	58	- 8	WSW	2	bc	*	82	52	-		
Oxford	30.13	65	WSW	4	bc	30.22	+ 16	61	57	+ 2	WSW	1	bm	*	74	53	-		
Cambridge	30.06	72	W	1	b	30.18	+ 12	64	58	- 4	W	1	c	*	80	49	0.03		
†Yarmouth	30.04	72	Z	0	b	30.16	+ 06	63	57	- 3	WNW	3	b	1	74	55	-		
†The Helder	30.06	71	SW	1	bc	30.10	- 03	63	59	- 5	WNW	3	bc	1	77	63	-		
Cape Gris Nez	30.12	66	S	1	b	30.24	+ 10	61	59	- 9	SW	3	b	1	72	59	-		
†Jersey	30.22	62	WNW	3	bc	30.37	+ 24	61	59	- 4	NW	2	b	3	70	53	-		
Brest	30.24	61	WNW	3	o	30.37	+ 23	58	57	- 2	N	3	bc	4	66	52	-		
Lorient	30.16	70	NW	4	b	30.34	+ 27	57	55	- 6	NW	3	b	1	79	54	-		
†Rochefort	30.14	70	NW	5	b	30.28	+ 21	66	62	- 6	NE	4	b	2	86	59	-		
Biarritz	30.19	70	NW	4	c	30.29	+ 19	68	64	- 7	E	1	o	3	75	63	0.36		
Corunna	*	*	*	*	*			*							*	*	*		
Brussels	*	*	*	*	*	30.18	+ 01	67	62	- 3	W	3	b	*	88	61	-		
Charleville	30.06	84	S	1	b	30.18	- 01	69	62	+ 4	WSW	1	b	*	88	53	-		
Paris	30.08	82	Z	0	b	30.29	+ 14	69	60	- 2	NNE	3	b	*	*	*	-		
†Lyons	30.08	91	ESE	1	b	30.20		81	65		SE	1	b	*	94	70	-		
Toulon	30.15	78	W	4	b	30.15	00	77	65	- 3	Z	0	b	0	88	70	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	58	WSW	3	bc	29.84	+ 03	84	84	0	SW	5	rm	*	62	52	0.23		

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

Hawes Junction	28.85	58	WSW	3	bc	28.84	+ 03	54	54	0	SW	5	bm	*	62	52	0.23
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.				
Skudeanaes ...	29.98	62	59	WSW	4	om	4	Valentia ...	30.11	61	58	SSW	6	cm	6		
Sumburgh Head								Scilly ...	30.18	63	59	WNW	4	c	4		
Stornoway ...	29.80	55	55	SSW	6	c	6	Dover ..	30.08	72	63	W	1	b	0		
Aberdeen ...	29.92	65	61	S	1	c	2	London ...	30.05	78	66	W	2	b	*		
Shields ...	30.01	63	60	E	1	o	2	Yarmouth ...	30.05	68	64	SSW	3	b	2		
Ardrossan ...	30.00	59	55	S	2	c	1	Jersey ...	30.19	66	61	WNW	3	bc	3		
Mullaghmore ...	29.97	60	55	SW	5	ogw	4	Rochefort ...	30.12	86	70	W	1	b	0		
Holyhead ...	30.10	65	61	SSW	3	c	2	Ben Nevis 4406 ft									
								Dawn on 12 th									
									25.43	37	37	SW	5	o	49	36	0.40

Pressure is decreasing a little in the SE., but is steady & increasing elsewhere. A large area of high readings lies in the SW. and strong SW winds prevail on our extreme W coast. Temperature is rather high and readings range from 78° in London to 55° at Stornoway, and in the SE the weather is very fine. EXPLANATION OF COLUMNS.

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

THURSDAY, 14TH JULY.

1881.

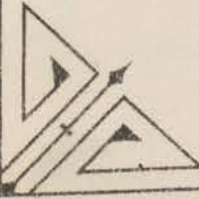
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METEOROLOGICAL OFFICE

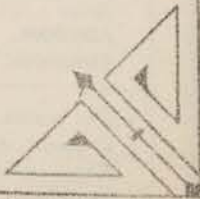
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ROBERT H. SCOTT
(SECRETARY.)



Fredk. Dingerbeld Lith. 72, Pall Mall, 28, Great Britain

WEATHER CHARTS

for 8 a.m. on Thursday 14th JULY. 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.

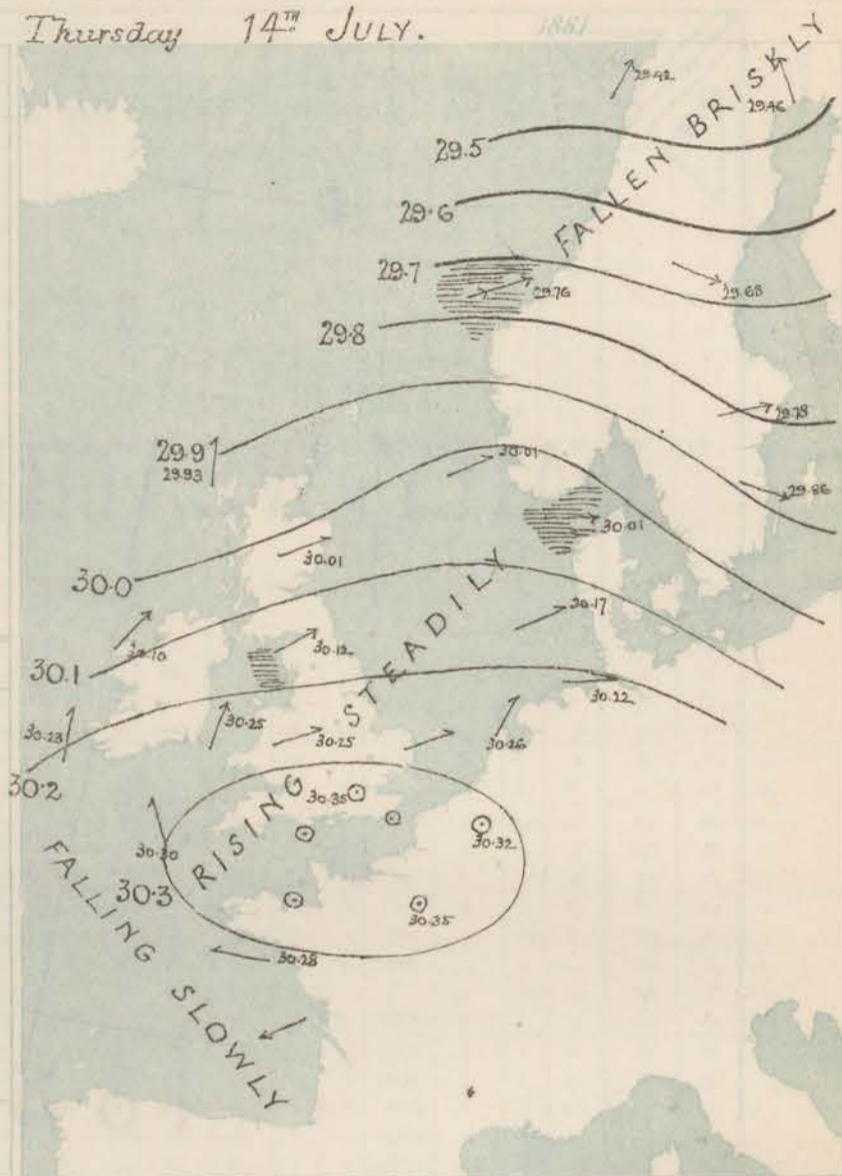
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of July.

Stations.	Mean Readings
	Jan.
Nairn.	29.833
Aberdeen.	29.886
Leith.	29.907
Scarborough.	29.941
Ardrossan.	29.973
Greenacastle.	29.917
Holyhead.	29.946
Valencia.	29.965
Roche's Pt.	29.976
Plymouth.	30.022
LONDON.	29.983
Yarmouth.	29.970

* 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.

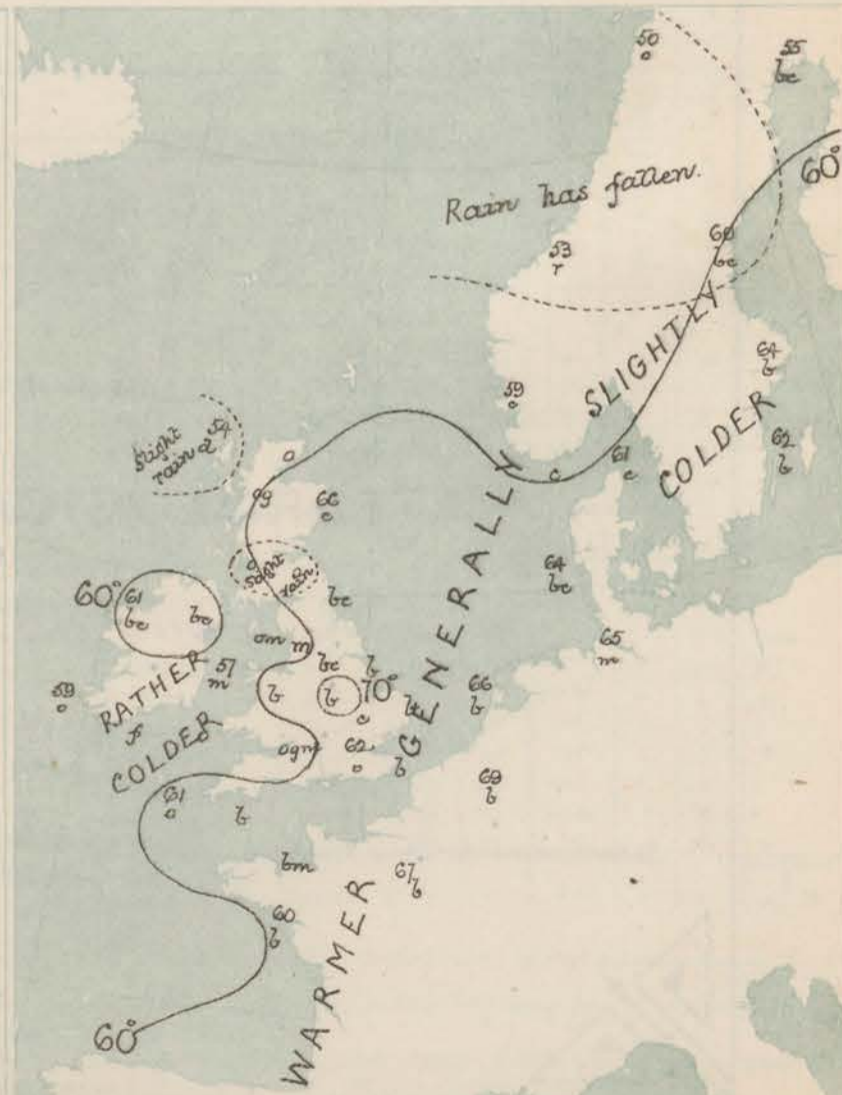
MEANS^{*} OF TEMPERATURE

AND RAINFALL

for the month of July.

Stations.	Temp.	Rain-fall
	°	in.
Sumburgh Head.	53.7	1.23
Sarnsey.	55.3	1.20
Aberdeen.	58.3	1.47
Shields.	60.0	2.40
Yerk.	61.0	2.06
Mullaghmore.	60.2	?
Holyhead.	61.0	1.23
Parsonstown.	60.7	1.79
Valentin.	61.1	3.88
Sally (St. Mary's).	60.3	2.44
Hurst Castle.	62.4	?
Dover.	62.7	2.03
LONDON.	64.5	2.30
Yarmouth.	62.5	1.50

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1865 to 1875.



REMARKS

for THURSDAY 14TH JULY, 1881, at 8 a.m.

The anticyclone still holds in the south of England, and the mercury is rising over the greater part of these Islands, North Germany and the eastern shores of the North Sea, but a slight decrease has commenced over France and our south west coasts, while a large depression which has appeared over Scandinavia has caused a brisk fall in that region.

W^{ly} and SW^{ly} winds, varying in force from a light breeze in the south east to a fresh gale in the north of Norway prevail all over these Islands, Scandinavia and Denmark, while E^{ly} breezes are reported from France and the Channel. Temperature has fallen a little at some western stations as well as over the countries to the E^w of the North Sea, but has risen elsewhere, and readings range from 72° at Nottingham to 54° at Stenway. The maxima were 80° at Nottingham, 79° in London and 78° at Cambridge.

The weather is fine and bright over France, the greater part of England and Sweden, cloudy elsewhere, with drizzling rain at Stenway. The sea is moderate to smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

15TH JULY.

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Light breezes between S and W; rather cloudy but fair. Close.
7	SCOTLAND EAST	— 8° — 8° — 8° —
2	ENGLAND N.E.	W ^{ly} and SW ^{ly} winds, moderate; fair, warm.
3	ENGLAND EAST	Light W ^{ly} breezes or calms; fine, warm, hazy.
4	MIDLAND COUNTIES	— 8° — 8° — 8° —
5	ENGLAND SOUTH	— 8° — 8° — 8° —

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SW ^{ly} winds, moderate; cloudy, warm.
7	ENGLAND N.W.	SW ^{ly} and W ^{ly} winds, moderate; cloudy, misty.
8	ENGLAND S.W.	S ^{ly} and E ^{ly} breezes, light; fair, warm.
9	IRELAND NORTH	S ^{ly} and SW ^{ly} breezes, moderate and fresh; cloudy, close.
10	IRELAND SOUTH	— 8° — 8° — 8° —
	WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR 14TH JULY. 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 ...	29.63	57	S	2	b	29.46	- 29	55	55	- 2.	S	2	b	*	61	55	-		
Hernösand ...	29.60	54	SSW	2	b	29.68	- 17	60	51	- 3	WNW	6	b	*	66	46	0.08		
Stockholm ...	29.73	65	WSW	6	c	29.78	- 06	64	56	- 5	W	6	b	*	79	59	-		
Wisby ...	29.87	66	SW	6	c	29.86	- 07	62	58	- 2	WNW	6	b	*	79	58	-		
Bodö ...	29.47	57	SE	2	c	29.42	- 33	50	49	- 1	SW	6	c	4	63	50	0.04		
Christiansund...	29.63	54	WSW	9	c	29.76	+ 07	53	50	- 4	WSW	8	r	5	59	43	0.12		
†Skudesnaes ...	29.96	57	W	4	c	30.01	+ 15	59	56	+ 1	WSW	2	c	3	59	57	-		
Oxö (Xiansund) ...	29.91	58	SW	6	m	30.02	+ 10	59	57	- 2	SW	4	c	2	64	55	-		
Skagen (The Skaw) ...	29.93	58	W	6	b	30.01	+ 08	61	57	0	W	5	c	6	68	57	-		
Fanö ...	30.07	60	W	4	b	30.17	+ 17	64	60	- 5	WSW	4	b	*	70	57	-		
Cuxhaven ...	30.14	?	WNW	3	b	30.22	?	65	65	- 6	W	3	m	*	73	59	-		
†Sumburgh Head ...																			
†Stornoway ...	29.91	58	W	5	c	29.92	+ 17	54	54	- 2	S	1	d	1	61	51	0.01		
Wick ...	29.96	61	W	4	b	29.97	+ 23	60	58	+ 1	WNW	1	c	1	63	55	-		
Nairn ...	29.94	61	SW	2	b	29.97	+ 22	61	58	0	W	1	og	1	65	57	-		
†Aberdeen ...	29.96	67	W	2	c	30.01	+ 19	66	62	+ 2	WSW	4	c	2	71	57	-		
Leith ...	30.03	60	W	1	c	30.10	+ 18	64	61	+ 2	WSW	1	c	*	64	56	0.06		
†Shields ...	30.09	71	WSW	4	b	30.12	+ 14	70	65	+ 8	WSW	5	b	2	71	60	-		
Spurn Head ...	30.17	67	WSW	4	b	30.24	+ 12	66	63	+ 6	SW	2	b	2	70	53	-		
York ...	30.23	67	W	1	b	30.24	+ 14	66	63	+ 5	W	1	b	*	74	60	-		
Nottingham ...	30.23	70	WSW	2	b	30.25	+ 09	72	67	+ 5	WSW	2	b	*	80	59	-		
†Ardrossan ...	30.06	58	SSW	1	r	30.13	+ 15	57	56	- 2	SSW	3	om	2	59	56	0.02		
†Mullaghmore ...	30.05	62	WSW	6	ogm	30.10	+ 06	61	58	+ 3	SW	5	b	4	64	57	-		
Donaghadee ...	30.09	67	W	5	c	30.16	+ 15	63	60	- 2	WSW	4	b	2	72	58	-		
Parsonstown ...	30.19	65	SW	1	r	30.21	+ 38	63	59	+ 4	SE	1	b	*	70	54	0.02		
Barrow-in-Furness ...	30.16	62	SW	4	c	30.22	+ 17	57	56	- 2	SW	4	om	5	65	55	-		
†Holyhead ...	30.20	60	SSW	5	f	30.25	+ 11	57	56	- 2	SSW	5	m	4	64	55	-		
Liverpool (Bidston) ...	30.19	67	SW	3	b	30.26	+ 13	65	59	+ 3	W	2	b	1	71	61	-		
†Valentia ...	30.24	60	SSW	4	ogm	30.23	+ 04	59	57	0	S	4	c	4	64	57	-		
Roche's Point ...	30.25	57	WSW	3	f	30.26	+ 07	57	56	- 3	WSW	3	f	4	62	54	-		
Pembroke ...	30.26	58	WSW	4	c	30.27	+ 08	58	56	0	SW	2	c	2	60	57	-		
†Scilly ...	30.31	63	WSW	4	c	30.30	+ 02	61	60	- 2	SSE	1	c	4	67	57	-		
Prawle Point ...	30.33	62	WSW	3	b	30.33	+ 03	63	61	+ 4	E	1	b	1	66	55	-		
Hurst Castle ...	30.30	66	WNW	3	c	30.33	+ 05	62	61	0	Z	0	f	3	71	55	-		
†Dover ...	30.24	64	WSW	3	b	30.33	+ 10	69	63	0	Z	0	b	0	70	61	-		
†London ...	30.26	75	WNW	3	b	30.35	+ 10	62	60	- 3	Z	0	c	*	79	58	-		
Oxford ...	30.30	66	WNW	1	c	30.33	+ 11	60	59	- 1	Z	0	ogm	*	71	59	-		
Cambridge ...	30.21	76	W	1	b	30.29	+ 11	67	63	+ 3	SW	1	c	*	78	55	-		
†Yarmouth ...	30.20	74	WNW	2	b	30.28	+ 12	70	65	+ 7	WSW	2	b	1	76	59	-		
The Helder ...																			
Cape Gris Nez ...	30.28	63	SW	4	b	30.35	+ 11	64	64	+ 3	S	1	b	1	66	57	-		
†Jersey ...	30.38	64	WNW	2	b	30.36	- 01	68	63	+ 7	E	1	bm	1	68	56	-		
Brest ...	30.35	62	W	4	c	30.32	- 05	59	59	+ 1	SE	3	b	3	68	55	-		
Lorient ...	30.29	68	WNW	3	c	30.28	- 06	60	56	+ 3	E	4	b	1	73	55	-		
†Rochefort ...	30.22	72	NN	5	b	30.22	- 06	68	60	+ 2	ENE	5	b	2	79	59	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*				*					*	*	*			
Brussels ...	*	*	*	*	*	30.32	+ 14	69	61	+ 2	SW	1	b	*	78	59	-		
Charleville ...														*	*	*			
Paris ...	30.31	78	NNE	1	b	30.35	+ 06	67	59	- 2	Z	0	b	*	*	*	-		
Lyons ...														*	*	*			
Toulon ...																			

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

Hawes Junction	29.94	58	S	5	c	29.98	54	54	SW	3	m	61	53	0.10
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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 ...	29.88	59	57	WSW	4	om	Valentia ...	30.21	62	60	SSW	5	omg
Sumburgh Head ...							Scilly ...	30.33	66	61	WSW	4	c
Stornoway ...	29.96	60	59	WNW	6	c	Dover ...	30.25	66	61	WSW	3	b
Aberdeen ...	29.92	69	58	W	4	b	London ...	30.24	75	66	WNW	2	b
Shields ...	30.05	71	64	W	7	b	Yarmouth ...	30.19	73	64	WNW	4	b
Ardrossan ...	30.08	59	55	WSW	2	c	Jersey ...	30.39	66	62	W	2	b
Mullaghmore ...	30.05	62	60	SSW	4	ogm	Rocheport ...						
Holyhead ...	30.20	64	61	SSW	5	b	Ben Nevis 4406ft ...	25.42	34	39	W	4	0

at Darn on 13th

Pressure is increasing slowly everywhere. Brief W. winds prevail on nearly all coasts, with fine weather in the E. and S., and dull weather in the W. and N. Temperature ranges from 75° in London to 60° 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) 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

FRIDAY, 15TH JULY

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.)



Printed by the Meteorological Office, at the Royal Observatory, Greenwich.

WEATHER CHARTS

for 8 a.m. on Friday 15th JULY.

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 5 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ dead calm.

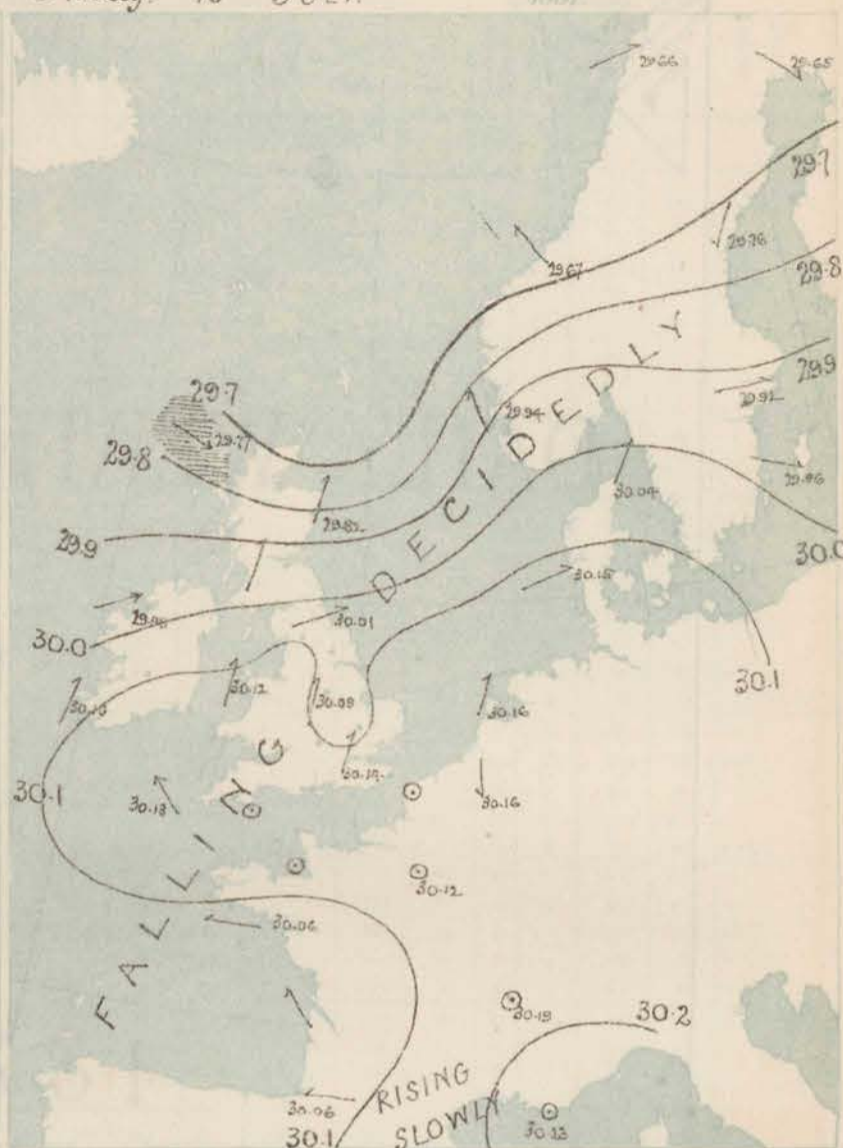
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings
Douro	29 48.3
Aberdeen	29 48.6
Leith	29 49.7
Scarborough	29 49.4
Ardrossan	29 49.3
Greenock	29 49.7
Holyhead	29 49.6
Valentia	29 49.5
Roche's Pt.	29 49.6
Plymouth	30 00.0
LONDON	30 00.0
Yarmouth	30 00.0

* 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 0.1 in. or more are quoted in figures.

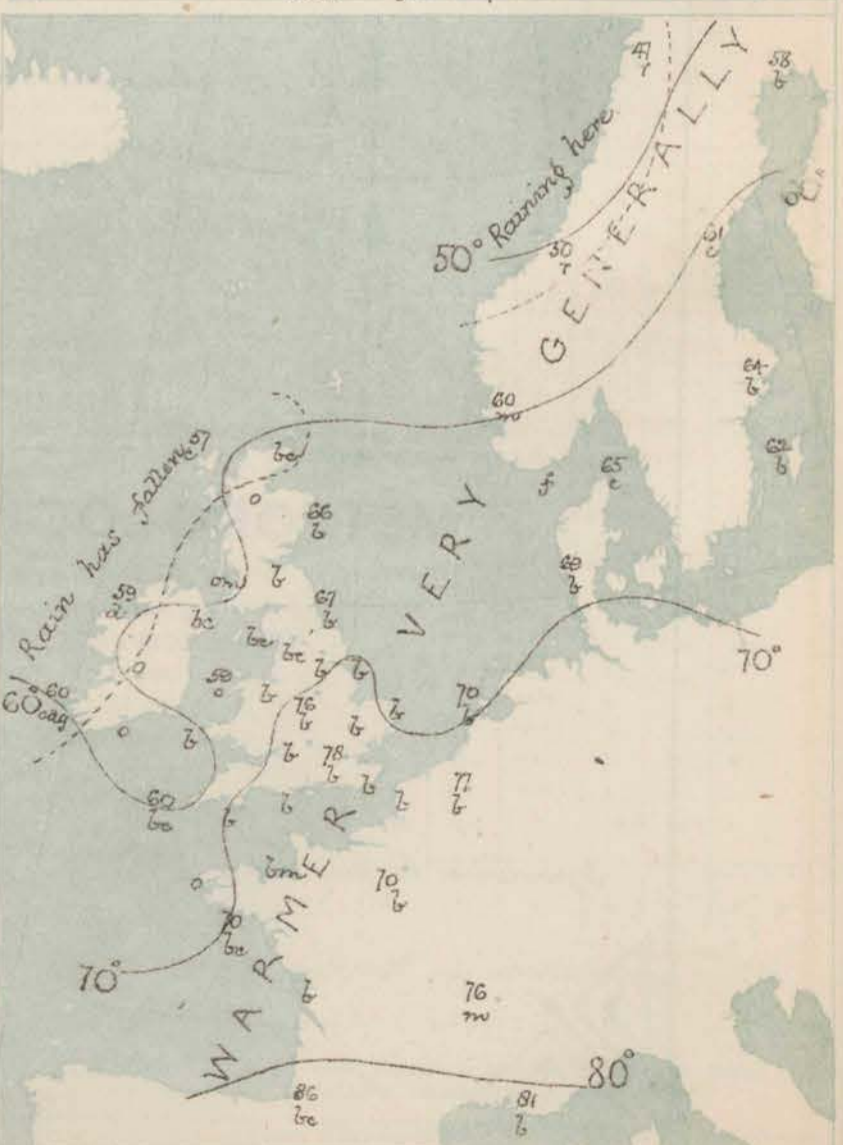
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations	Temp	Rain-fall
Sundridge Head	63.7	1.23
Swanage	65.3	1.20
Aberdeen	66.3	1.47
Shetland	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	0
Holyhead	61.0	1.64
Parsloetown	60.7	2.79
Valentia	61.1	3.86
Sally (St Mary's)	63.0	2.48
Ilfracombe	62.9	0
Dover	62.7	2.03
LONDON	65.3	2.30
Yarmouth	62.5	2.60

* 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 ... FRIDAY, 15TH JULY ... 1881 ... at 8 a.m.

The mercury is falling everywhere, and a well-marked depression is shown in the north of Scotland, but the anticyclone in the south holds steadily. Within the area of high pressure E^{ly} and S^{ly} breezes are reported, but in the north moderate gradients exist and the wind is SW in most places, though at Stornoway it is backing toward NW. In the extreme north and north west the wind is fresh. The weather is very fine and bright over the whole of England, France, the east of Scotland and North Germany but in Ireland and the west of Scotland the sky is overcast, with drizzling rain in some places. A few slight showers have occurred. Temperature has risen generally, most in the south east and south, and readings range from 80° at Jersey and 70° in London to 57° at Stornoway. The maxima yesterday were 87° at Nottingham, 86° in London and 84° at Cambridge and Spurn H. The sea is moderate to slight.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

16TH JULY

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

DISTRICTS

FORECASTS

0 SCOTLAND NORTH

W^{ly} and NW^{ly} breezes, fresh; cloudy, close.

1 SCOTLAND EAST

W^{ly} winds, moderate; fine, warm.

2 ENGLAND N.E.

— 5° — 5° — 5° —

3 ENGLAND EAST

Light W^{ly} airs; fine, warm.

4 MIDLAND COUNTIES

Light variable breezes; fine, hazy, very warm.

5 ENGLAND SOUTH

— 5° — 5° — 5° —

DISTRICTS

FORECASTS

6 SCOTLAND WEST

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

7 ENGLAND N.W.

SW^{ly} winds, moderate; cloudy but fair, warm.

8 ENGLAND S.W.

SE^{ly} and E^{ly} winds, light; fine, very warm.

9 IRELAND NORTH

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

10 IRELAND SOUTH

5° 5° 5°

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR 15th JULY 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 8).	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	29.48	58	NW	2	c	29.65	+ .19	58	48	+ 3	NN	4	b	*	?	55	—		
Hernösand	29.83	58	WNW	4	b	29.76	+ .08	61	57	+ 1	NNW	2	c	*	68	50	—		
Stockholm	29.90	61	W	2	b	29.92	+ .02	64	57	—	W	2	b	*	72	55	—		
Wisby	29.95	62	NNW	4	b	29.96	+ .01	62	59	0	WNW	4	b	*	70	59	—		
Bodö	29.62	48	SW	8	r	29.66	+ .04	47	46	— 2	WSW	2	r	2	50	46	0.10		
Christiansund	29.87	53	W	7	o	29.67	— .09	50	50	— 3	SE	4	r	2	55	43	0.32		
†Skudesnaes	30.02	59	SSW	2	o	29.94	— .07	60	58	+ 1	SSE	4	m	3	61	59	—		
Oxö (Kristiansund)	30.05	58	SW	6	bc	30.01	— .04	62	61	+ 3	SW	4	f	2	?	55	—		
Skagen (The Skaw)	30.04	60	W	5	c	30.02	+ .03	65	61	+ 4	SW	3	c	2	?	57	—		
Fanö	30.20	61	W	4	b	30.15	— .05	69	65	+ 5	WSW	4	b	*	70	59	—		
Cuxhaven	30.28	80	W	2	m	30.26	+ .02	74	70	+ 9	SSW	1	m	*	?	59	—		
†Sumburgh Head																			
†Stornoway	29.84	57	SW	8	r	29.77	— .07	57	56	+ 3	NNW	6	c	5	58	52	0.14		
Wick	29.92	66	SW	1	c	29.63	— .29	60	57	0	SW	5	bc	3	71	57	0.02		
Nairn	29.93	69	W	4	b	29.77	— .16	66	60	+ 5	W	2	o	3	71	61	—		
†Aberdeen	29.98	71	SSW	3	b	29.82	— .16	66	62	0	SSW	4	b	2	74	58	—		
Leith	30.07	70	WSW	3	b	29.93	— .14	69	62	+ 5	W	2	b	0	74	58	—		
†Shields	30.11	76	SW	4	b	30.01	— .10	67	60	— 3	WSW	3	b	0	78	56	—		
Spurn Head	30.18	74	SW	3	b	30.09	— .09	71	66	+ 5	SSW	3	b	2	84	62	—		
York	30.17	77	Z	0	b	30.13	— .04	68	62	+ 2	W	2	b	*	80	58	—		
Nottingham	30.23	79	WSW	1	b	30.09	— .14	76	69	+ 4	SSW	1	b	*	87	59	—		
†Ardrossan	30.09	68	SSW	2	bm	29.99	— .10	59	57	+ 2	SSW	3	om	2	63	55	—		
†Mullaghmore	30.06	66	SSW	5	ex	29.99	— .07	59	59	— 2	WSW	5	d	4	69	59	0.05		
Donaghadee	30.10	64	WSW	2	b	30.04	— .06	63	60	0	WSW	5	bc	3	71	54	—		
Parsonstown	30.12	71	SW	2	bc	30.07	— .05	63	60	0	WSW	2	o	*	74	55	—		
Barrow-in-Furness	30.20	63	W	3	b	30.11	— .09	57	56	0	SW	3	bc	4	65	56	—		
†Holyhead	30.19	63	SSW	4	b	30.12	— .07	59	58	+ 2	SSW	4	o	3	64	55	—		
Liverpool (Bishopstow)	30.18	70	NNW	1	b	30.12	— .06	66	59	+ 1	SW	1	b	1	73	56	—		
†Valentia	30.17	61	S	5	o	30.10	— .07	60	59	+ 1	SSW	3	cdg	4	63	58	0.02		
Roche's Point	30.20	60	SW	2	b	30.16	— .04	58	56	+ 1	SW	3	o	3	66	56	—		
Pembroke	30.23	60	SW	1	b	30.11	— .12	58	57	0	WSW	1	b	1	64	54	—		
†Scilly	30.23	65	Z	0	bc	30.13	— .10	60	58	— 1	?SE	5	bc	3	67	55	—		
Prawle Point	30.24	65	ESE	1	b	30.12	— .12	71	65	+ 8	Z	0	b	0	74	59	—		
Hurst Castle	30.26	74	W	1	b	30.12	— .14	70	67	+ 3	ENE	1	b	1	75	55	—		
†Dover	30.26	67	WSW	2	b	30.13	— .13	76	68	+ 7	Z	0	b	0	76	63	—		
†London	30.22	71	SW	2	b	30.14	— .08	78	69	+ 14	SSW	1	b	*	86	60	—		
Oxford	30.20	74	Z	0	b	30.12	— .08	71	66	+ 11	SW	1	b	*	80	59	—		
Cambridge	30.26	83	SW	2	b	30.14	— .12	73	68	+ 6	SW	1	b	*	84	61	—		
†Yarmouth	30.22	68	SSE	2	b	30.14	— .08	68	65	+ 2	S	1	b	1	74	61	—		
The Helder	30.25	67	WSW	1	b	30.16	— .09	70	67	+ 4	SSW	1	b	1	73	59	—		
Cape Gris Nez	30.27	72	S	1	b	30.15	— .12	76	62	+ 12	S	1	b	0	76	63	—		
†Jersey	30.26	75	ENE	2	b	30.12	— .14	80	68	+ 12	Z	0	bm	0	80	64	—		
Brest	30.23	74	ESE	4	b	30.12	— .11	64	63	+ 5	E	1	o	2	79	59	—		
Lorient	30.13	76	NN	3	b	30.06	— .10	70	64	+ 10	E	3	bc	1	90	59	—		
†Rochefort	30.09	79	NNW	3	b	30.05	— .04	75	68	+ 7	SE	4	b	1	104	63	—		
Biarritz	30.07	88	E	5	c	30.04	— .03	86	73	—	E	1	bc	3	95	66	—		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.16	— .16	77	67	+ 8	N	3	b	*	83	65	—		
Charleville	30.30	85	SE	1	b	?	?	67	63	0	SE	1	b	*	?	58	—		
Paris	30.27	77	Z	0	b	30.12	— .15	70	65	+ 3	Z	0	b	*	*	*	—		
Lyons	30.14	89	NNE	1	b	30.19	— .06	76	66	+ 4	S	1	m	*	94	67	—		
Toulon	30.23	85	Z	0	bc	30.23	+ .06	8	63	+ 6	Z	0	b	0	88	73	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.96	64	SW	1	b	28.80	— .16	56	54	+ 2	WSW	2	bc	2	67	52	—		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.				
Skudesnaes ...	30.04	62	58	WSW	2	om	3	Valentia	30.21	62	60	SSE	4	om	4		
Sumburgh Head								Scilly ...	30.28	67	61	SE	2	bc	4		
Stornoway ...	29.91	57	57	SW	6	89	5	Dover ..	30.31	71	66	WSW	2	b	2		
Aberdeen ...	30.03	73	65	WSW	1	bc	2	London ...	30.28	81	70	WSW	2	b	*		
Shields ...	30.15	76	68	W	4	b	1	Yarmouth ...	30.25	70	65	SSE	4	b	2		
Ardrossan ...	30.13	62	59	SSW	2	b	2	Jersey ...	30.30	77	68	N	2	b	2		
Mullaghmore ...	30.10	68	62	SSW	6	bc	4	Rochefort ..	30.19	101	77	E	4	b	2		
Holyhead ...	30.23	63	60	SSW	5	b	4	Ben Nevis 4406 ft.	25.39	47	47	WSW	4	o	47	38	0.65

There has not been much change since the morning. The weather is fine except in the extreme W. and N. and temperature ranges from 101 at Rochefort and 81° in London to 57° 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 (fog); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

SATURDAY, 16TH JULY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



Fred.^d Dargerfield, Lth 22 Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on

1861

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.

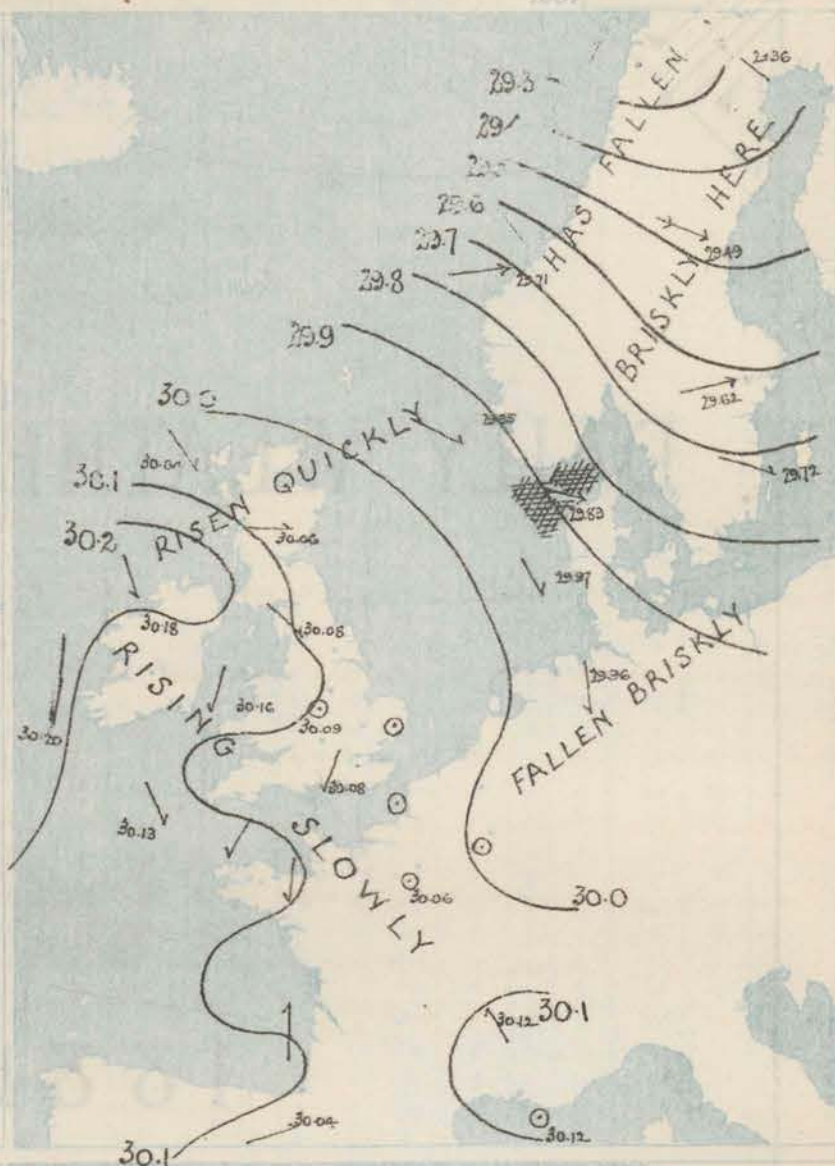
Sea Disturbance, where considerable, is shown by shading round the coast; thus: [shaded area] Rough; [unshaded area] High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings.
Nairn	29.553
Aberdeen	29.586
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.886
Valentia	29.966
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Yarmouth	29.970

* These means are for the 10 years 1851-60. 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.

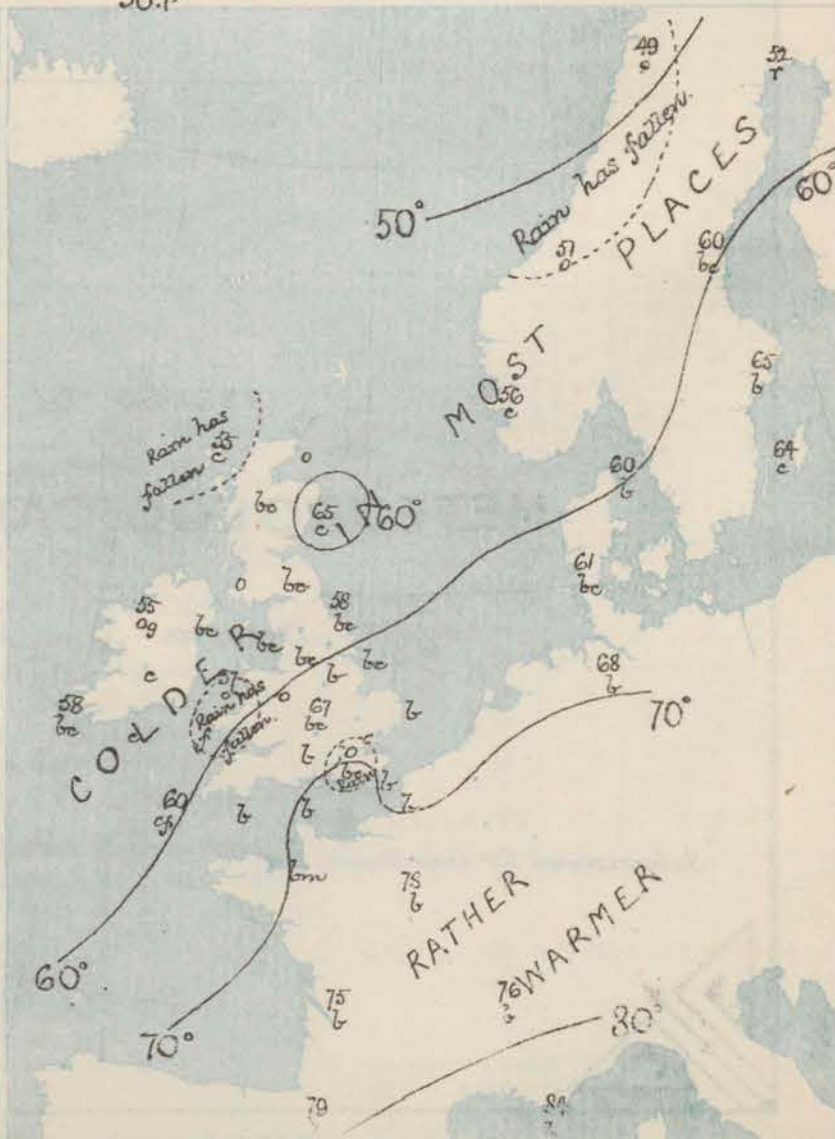
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations.	Temp.	Rain-fall
Scarlburgh Head	57.7	1.23
Swansey	57.3	1.9
Aberdeen	58.3	1.47
Shields	60.0	2.49
York	61.0	2.08
Mullaghmore	59.2	?
Holyhead	61.0	1.61
Parsonstown	60.7	1.79
Valentia	61.1	3.88
Sally (St Mary's)	63.4	2.49
Hurst Castle	62.8	?
Dover	62.7	2.02
LONDON	64.1	1.30
Yarmouth	62.8	2.59

* The mean Temperatures are those for the 13 years 1857-69; the mean amount of Rain are those for the 10 years 1860 to 1869.



REMARKS

for SATURDAY, 16TH JULY 1881, at 8 a.m.

The depression which was formed in the south east last evening has since passed away, apparently over North Germany, and the mercury is now rising in all parts of these Islands and France. Owing to the check which occurred last evening, and to the fact that in the north and west the rise continued uninterruptedly, the highest pressures are shown to the W^d of Ireland and the wind in consequence has veered to NW and N all over these Islands. In the north of Scandinavia a brisk decrease of pressure has occurred, and a well-marked depression has appeared near Bodö, and is causing W^t strong winds and gales all over that region. This change of wind has occasioned a decrease of temperature in nearly all places, the change being as much as thirteen degrees at Rain and eight degrees in London. Readings range from 72° at Hurst Castle to 53° at Rain. The maxima yesterday were 95° in London, 91° at Cambridge and 90° at Nottingham. The weather is very fine except at a few Irish and Scotch stations, but last night a few slight showers occurred. The sea is slight.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

17TH JULY.

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NW^t breezes, moderate; cloudy, fair.

2 SCOTLAND EAST

Light NW^t and NW^t breezes; fair, close, warm.

3 ENGLAND NE

4 ENGLAND EAST

Light N^t breezes; fair, warm.

5 MIDLAND COUNTIES

Light N^t or variable breezes; fine, warm.

6 ENGLAND SOUTH

DISTRICTS

FORECASTS

7 SCOTLAND WEST

NW^t breezes, light or moderate; cloudy, cool.

8 ENGLAND N.W.

N^t breezes, moderate; fair, some cloud.

9 ENGLAND S.W.

N^t and NE^t breezes, light; cloudy, hazy.

10 IRELAND NORTH

N^t (NW and NE) winds, moderate, cloudy, fair, cool.

11 IRELAND SOUTH

WARNINGS

none issued

METEOROLOGICAL OBSERVATIONS FOR 16th JULY 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			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 ...	29.54	53	2	0	b	29.56	- 29	52	51	- 6	SE	4	r	*	66	32	-		
Hernösand ...	29.53	54	5	2	bc	29.49	- 27	60	49	- 1	NW	9	bc	*	64	50	-		
Stockholm ...	29.88	70	W	4	b	29.62	- 30	65	55	+ 1	W	6	b	*	79	55	-		
Wisby ...	29.83	67	W	4	bc	29.72	- 24	64	51	+ 2	WNW	4	c	*	73	57	-		
Bodö ...	29.28	51	NE	2	o	29.26	- 40	49	48	+ 2	SW	2	o	2	52	48	0.50		
Christiansund ...	29.34	57	W	7	c	29.71	+ 04	51	49	+ 1	W	7	o	4	59	41	1.10		
†Skudesnaes ...	29.91	57	WNW	6	o	29.95	+ 01	56	52	- 4	WNW	4	c	2	64	57	-		
Oxö (Xiänsund) ...	29.83	59	SW	6	m	29.90	- 11	58	53	- 4	W	4	c	2	64	54	-		
Skagen (The Skaw) ...	29.85	64	W	6	b	29.83	- 24	60	55	- 5	WNW	7	b	7	75	58	-		
Fanö ...	29.98	62	WNW	3	b	29.97	- 18	61	57	- 8	NNW	4	bc	*	72	53	-		
Cuxhaven ...	30.06	81	NNE	1	m	29.90	- 30	68	64	- 6	N	3	b	*	81	64	-		
†Samburgh Head ...																			
†Stornoway ...	29.99	57	NW	4	bc	30.04	+ 27	55	53	- 2	NW	4	c	4	59	48	0.04		
Wick ...	29.97	56	NW	5	c	30.03	+ 40	56	51	- 4	NW	2	o	0	76	46	-		
Nairn ...	30.01	60	W	2	b	30.00	+ 20	53	50	- 13	Z	0	bc	1	69	47	-		
†Aberdeen ...	29.95	72	W	1	b	30.06	+ 24	65	60	- 1	W	1	c	2	75	54	-		
Leith ...	30.03	67	W	1	b	30.16	+ 13	57	52	+ 12	NNW	1	bc	*	69	48	-		
†Shields ...	30.03	68	W	3	b	30.08	+ 07	58	52	- 9	NW	2	bc	0	74	51	-		
Spurn Head ...	30.02	69	NNE	3	b	30.09	00	61	58	- 10	N	2	bc	2	80	58	-		
York ...	30.05	62	WNW	1	b	30.10	- 03	62	56	- 6	WNW	1	b	*	78	57	-		
Nottingham ...	30.18	70	W	2	b	30.09	00	67	60	- 9	W	1	bc	*	90	55	-		
†Ardrossan ...	30.08	60	NNW	4	c	30.20	+ 31	55	52	- 4	Z	0	o	0	64	46	-		
†Mullaghmore ...	30.13	58	WNW	4	o	30.18	+ 19	55	52	- 4	NNW	2	og	2	62	45	-		
Donaghadee ...	30.11	55	NW	4	c	30.17	+ 10	58	53	- 8	WNW	3	bc	1	71	47	-		
Parsonstown ...	30.10	67	WNW	1	o	30.19	+ 2	56	53	- 7	NW	1	c	*	69	50	-		
Barrow-in-Furness ...	30.09	61	NW	3	c	30.11	00	58	52	- 2	N	4	bc	4	64	55	-		
†Holyhead ...	30.10	61	SW	2	o	30.16	+ 24	57	54	- 2	NNE	3	o	3	66	55	0.01		
Liverpool (Bidston) ...	30.08	67	WNW	1	b	30.14	+ 02	60	55	- 6	NW	2	o	1	70	58	-		
†Valentia ...	30.15	59	N	3	o	30.20	+ 10	58	54	- 2	N	3	bc	3	65	48	0.03		
Roche's Point ...	30.11	63	SW	3	f	30.15	- 01	57	54	- 1	NNW	2	c	3	66	52	-		
Pembroke ...	30.09	57	NNW	2	o	30.08	- 03	57	57	- 1	NNE	1	f	1	61	56	0.02		
†Scilly ...	30.11	62	NNW	5	bc	30.13	00	60	60	0	NW	3	cf	4	64	57	-		
Prawle Point ...	30.06	73	WSW	2	bc	30.10	- 02	71	65	0	NE	1	b	3	75	58	-		
Hurst Castle ...	30.03	72	WSW	3	bc	30.06	- 06	72	67	+ 2	NE	2	bm	1	81	60	-		
†Dover ...	30.01	76	W	1	b	30.02	- 11	69	64	- 7	NW	3	b	1	80	63	-		
†London ...	29.95	88	NW	2	bc	30.08	- 06	70	63	- 8	NNE	2	bc	*	95	65	0.05		
Oxford ...	30.04	76	NNW	1	c	30.09	- 03	68	63	+ 3	WSW	2	b	*	87	61	-		
Cambridge ...	29.98	84	NW	1	bc	30.08	- 02	67	63	- 6	N	1	c	*	91	60	-		
†Yarmouth ...	30.01	77	SSE	1	b	30.07	- 07	64	61	- 4	SW	1	b	1	77	60	-		
The Helder ...																			
Cape Gris Nez ...	30.02	93	NE	1	b	30.06	- 09	65	64	- 11	NE	2	b	0	84	63	-		
†Jersey ...	30.06	81	N	1	b	30.11	- 01	70	64	- 10	N	1	bm	1	85	62	-		
Brest ...	30.23	76	E	4	o	30.13	+ 01	58	57	- 6	NE	3	m	3	68	41	-		
Lorient ...																			
†Rochefort ...	30.02	84	NW	1	b	30.09	+ 04	75	68	0	S	4	b	1	97	66	-		
Biarritz ...	30.04	96	E	4	bc	30.04	- 02	79	72	- 7	WSW	4	b	2	100	63	-		
Corunna ...	*	*	*	*	*			*							*	*	*		
Brussels ...	*	*	*	*	*										*	*	*		
Charleville ...	30.00	91	SSE	1	b	29.98	?	73	65	+ 6	SSW	1	bc	*	95	66	-		
Paris ...	29.97	85	S	3	b	30.06	- 06	78	66	+ 8	Z	0	b	*	*	*	-		
Lyons ...	30.06	92	S	4	b	30.12	- 07	76	60	0	SSE	1	bc	*	99	67	-		
Toulon ...	30.18	87	Z	0	b	30.12	- 11	84	62	+ 3	Z	0	b	0	91	79	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.55	60	S	2	c	28.88	+ 02	54	51	- 2	WNW	3	bc	*	61	49	-		

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

[illegible]

Pressure is increasing briskly in the N., and slightly in the W., but is decreasing in the SE. The weather is very fine except in Ireland and temperature ranges from 90° in London to 57° in the Hebrides.

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

SUNDAY, 17TH JULY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE

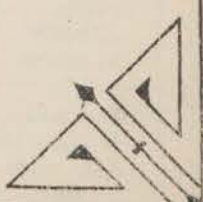
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ROBERT H. SCOTT
(SECRETARY.)



Friedr. Dörflinger Lith. 26, Abt. 3, Covent Garden.

WEATHER CHARTS

for 8 a.m. on Sunday, 17th JULY.

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

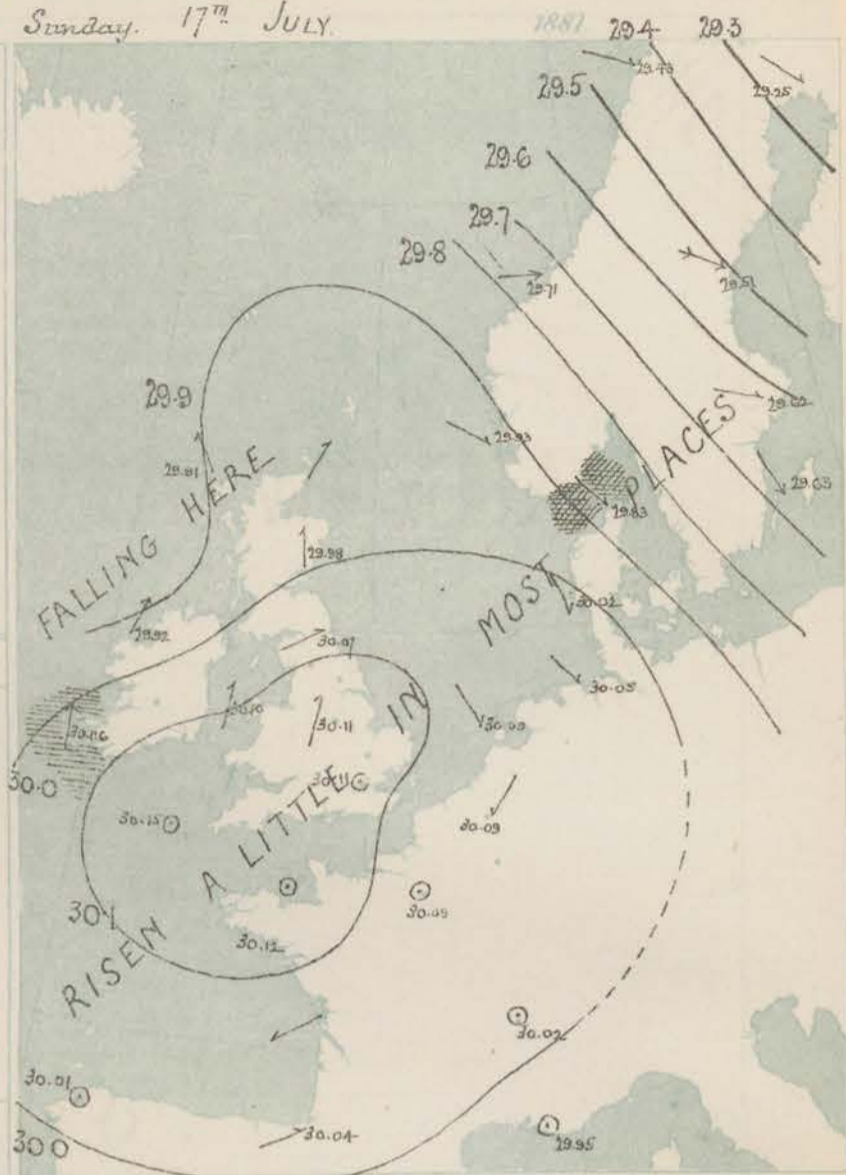
→ Rough; → High.

MEAN^{*} HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.966
Rock's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Wormouth	29.970

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



REMARKS

for Sunday July 17th 1881 at 8 a.m.

Very fine bright weather prevails continuously over the Southern, Central and Eastern parts of the Kingdom as well as over France and N. Germany. Within this region the barometer is rising a little, light variable airs prevail and temperature though rather lower than on Saturday is still high generally readings ranging from 81° at Toulon, to 64° at Nottingham. In the W. and N. however the barometer is falling a depression is advancing on our NW coasts, the wind has backed to the Southward and is moderate to fresh while the sky is dull with rain in the NW and temperature ranging from 61° at Valentia to 53° at Stornoway. Over Scandinavia light to strong W. and NW. winds prevail with rather cloudy skies. The maxima yesterday were 83° in London, 79° at Nottingham and Praeger Pt and above 95° in the W. and S. of France. Very little rain has fallen and the sea is moderate or smooth except at Valentia.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

11 SCOTLAND NORTH

1 SCOTLAND EAST

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

FORECASTS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR SUNDAY 17th JULY 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	29.21	51	NE	2	r	29.25	-.11	49	47	-.3	NW	4	0	*	54	51	0.13		
Hernösand	29.56	56	WNW	4	bc	29.51	+.02	55	46	-.5	WNW	9	bc	*	64	52	—		
Stockholm	29.57	60	SSE	2	o	29.62	.00	57	50	-.8	WNW	2	6	*	75	59	—		
Wisby	29.65	64	WNW	2	6	29.63	-.09	58	53	-.6	N	6	6	*	71	61	—		
Bodö	29.51	46	W	4	o	29.43	+.17	46	45	-.3	WNW	2	0	1	48	43	0.20		
Christiansund	29.76	49	W	6	o	29.71	.00	49	47	-.2	W	7	0	4	50	39	—		
†Skudesnaes	29.91	54	WNW	5	c	29.93	-.02	55	53	-.1	WNW	4	c	3	57	54	—		
Örö (Xiänsund)	29.82	59	W	8	c	29.86	-.04	59	53	+.1	WNW	4	c	2	?	?	0.35		
Skagen (The Skaw)	29.76	60	WNW	6	bc	29.83	.00	58	51	-.2	NW	6	6	7	68	54	—		
Faro	29.96	56	NW	4	c	30.02	+.05	61	53	0	NW	4	c	*	64	54	—		
Cuxhaven	29.98	80	N	3	c	30.05	+.09	63	57	-.5	WNW	4	6	*	66	57	—		
†Sumburgh Head																			
†Stornoway	30.06	58	WNW	4	bc	29.91	-.13	53	52	-.2	SSE	4	0	4	59	49	0.01		
Wick	30.05	56	NW	2	o	29.94	-.09	56	52	0	SW	2	bc	2	61	47	0.01		
Nairn	30.06	60	W	3	6	29.98	-.08	57	52	+.4	W	1	c	1	61	51	—		
†Aberdeen	30.07	60	SE	1	c	29.98	-.08	57	54	-.8	S	2	c	2	74	50	0.16		
Leith	30.03	64	W	2	bc	30.02	-.14	58	53	+.1	NW	1	0	*	65	51	—		
†Shields	30.10	57	NE	2	6	30.07	-.01	58	53	0	WSW	2	c	1	59	51	—		
Spurn Head	30.10	60	NE	2	bc	30.11	+.02	61	58	0	Z	0	6	0	67	55	—		
York	30.10	66	N	2	6	30.11	+.01	60	56	-.2	SW	1	0	*	74	50	—		
Nottingham	30.09	65	WNW	1	6	30.11	+.02	62	60	-.3	SSW	2	6	*	79	49	—		
†Ardrossan	30.14	61	WNW	3	c	30.02	-.18	54	51	-.1	S	3	r	2	63	49	0.01		
†Mullaghmore	30.15	60	NNW	2	c	29.92	-.26	58	56	+.3	SSW	5	or	4	61	54	0.08		
Donaghadee	30.17	56	NNW	3	c	30.03	-.14	54	53	-.1	SSW	3	r	1	62	51	0.03		
Parsonstown	30.15	67	WNW	1	bc	30.04	-.15	62	59	+.6	S	1	0	*	68	55	—		
Barrow-in-Furness	30.02	59	NNW	4	bc	30.11	.00	58	54	+.3	SW	2	bc	2	62	54	—		
†Holyhead	30.17	59	N	2	bc	30.10	-.06	59	53	+.2	SSW	3	og	0	60	53	—		
Liverpool (Bidston)	30.14	59	WNW	2	6	30.11	-.03	61	54	+.1	WSW	1	c	1	62	53	—		
†Valentia	30.15	62	WSW	2	6	30.06	-.14	61	60	+.3	S	6	om	5	66	66	0.02		
Roche's Point	30.16	60	SSW	2	6	30.11	-.04	59	58	+.2	SW	3	0	4	67	53	—		
Pembroke	30.11	62	N	3	bc	30.11	+.03	59	54	+.2	ENE	1	6	0	65	51	—		
†Scilly	30.15	61	N	4	o	30.15	+.02	63	60	+.3	Z	0	6	2	64	56	—		
Prawle Point	30.08	74	W	1	6	30.15	+.05	63	60	-.8	Z	0	6	0	79	54	—		
Hurst Castle	30.05	68	W	3	bc	30.12	+.06	66	61	-.6	NE	1	nu	1	78	57	—		
†Dover	30.06	66	E	2	6	30.10	+.08	63	61	-.6	NE	1	bc	1	74	61	—		
†London	30.06	73	E	1	bc	30.11	+.03	66	62	-.4	Z	0	6	*	83	63	—		
Oxford	30.08	67	NNW	2	o	30.12	+.03	60	55	-.8	NW	1	c	*	77	52	—		
Cambridge	30.06	74	N	1	c	30.12	+.04	63	60	-.4	NNW	1	c	*	77	53	—		
†Yarmouth	30.07	66	Z	0	6	30.12	+.05	63	57	-.1	NNE	1	6	1	69	57	—		
The Helder	30.05	62	N	3	c	30.09	+.09	62	58	-.2	NNW	1	6	1	70	59	—		
Cape Gris Nez	30.06	67	NE	4	6	30.07	+.01	64	63	-.1	ENE	1	m	0	70	61	—		
†Jersey	30.13	61	NW	4	6	30.16	+.05	68	63	-.2	N	1	bm	1	76	58	—		
Brest	30.12	73	N	4	m	30.16	+.03	60	59	+.2	NE	3	m	3	72	57	—		
Lorient	30.04	78	N	4	bc	30.12	+.04	59	58	-.8	WSW	3	f	1	90	57	—		
†Rochefort	30.04	77	NW	4	6	30.05	-.04	73	70	-.2	NE	3	6	2	97	66	—		
Biarritz	30.06	79	N	1	bc	30.04	.00	73	69	-.6	SW	1	0	2	95	65	—		
Corunna	*	*	*	*	*	30.01	-.04	74	*	+.7	WNW	1	f	1	*	*	*		
Brussels	*	*	*	*	*	30.09	+.12	64	61	-.13	NE	3	6	*	83	58	0.04		
Charleville	30.00	83	SSW	1	6	30.06	+.03	71	61	-.2	ESE	3	6	*	75	63	—		
Paris	29.98	87	NW	3	6	30.09	+.03	71	65	-.7	Z	0	bc	*	*	*	0.04		
Lyons	29.99	88	NE	1	bc	30.02	-.10	81	65	+.5	SSE	1	6	*	96	61	—		
Toulon	29.97	81	W	5	6	29.95	-.17	81	63	-.3	Z	0	6	0	90	72	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.88		W	2	c	28.87	-.01	54	50	0	W	2	0	*	61	45	—		

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes ...	29.94	58	53	WNW 5	o	3	Valentia ...	30.19	64	59	NW	2	bc	2
Sumburgh Head							Scilly ...	30.14	64	61	NNW	4	o	4
Stornoway ...	30.06	59	57	WNW 4	c	4	Dover ...	30.06	70	62	E	3	6	1
Aberdeen ...	30.07	63	56	Z 0	c	2	London ...	30.07	74	62	NNE	1	o	*
Shields ...	30.10	57	54	NE 2	c	2	Yarmouth ...	30.07	68	63	NNE	2	6	1
Ardrossan ...	30.16	66	63	WNW 3	bc	2	Jersey ...	30.13	71	64	NW	2	bc	2
Mullaghmore ...	30.18	59	54	NW 3	bc	2	Rochefort ...	30.04	58	74	WSW	1	6	0
Holyhead ...	30.18	59	55	NNE 3	c	3								

No important change has occurred since the morning except that in London the sky has become overcast, the air is very sultry, and distant thunder is heard to 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 (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, 18TH JULY.

1881.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)



Fred^l Dwyerfield Lth. 22 Bedford St. (over) London.

WEATHER CHARTS

for 8 a.m. on Monday, 18th JULY.

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.

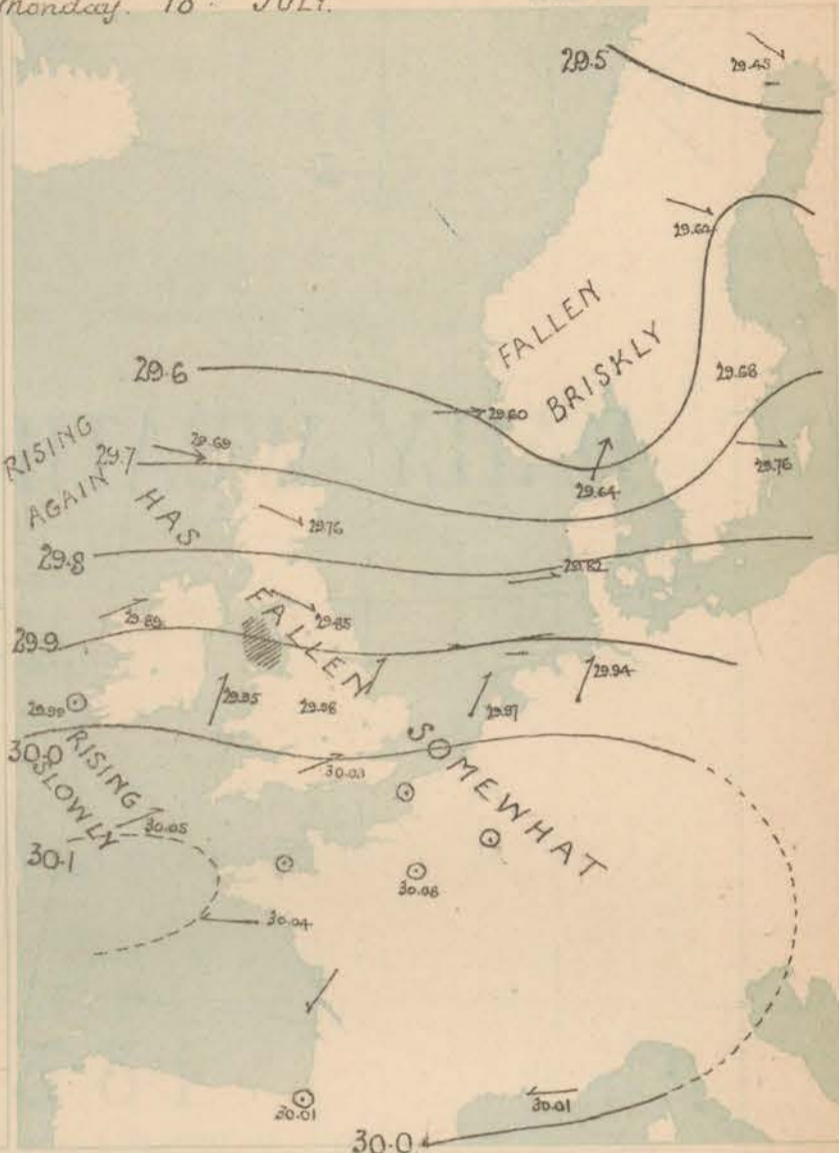
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus: — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; ☉ dead calm.

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

MEAN^{*} HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings In.
Nairn	29.863
Aberdeen	29.866
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.911
Holyhead	29.848
Valentia	29.905
Roches Pt.	29.870
Plymouth	30.000
LONDON	29.983
Farmouth	29.970

* These means are for the 31 years 1856-86. 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.

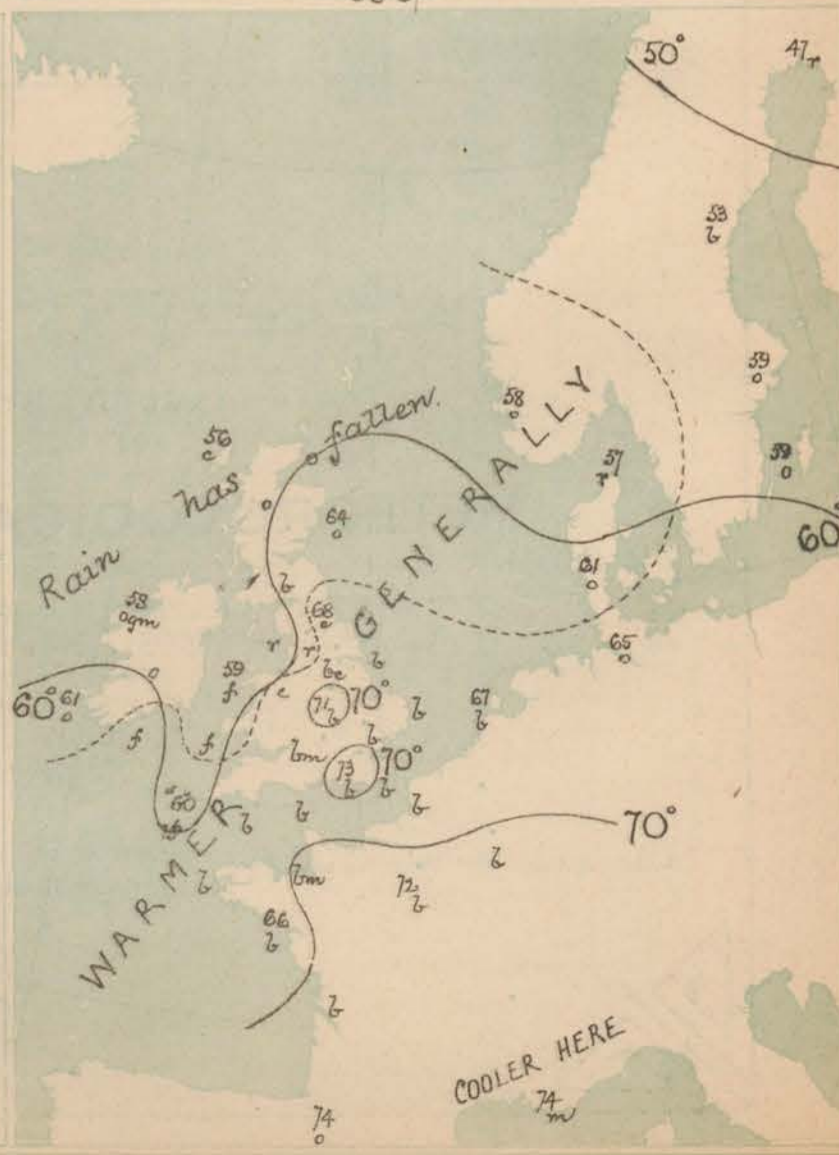
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS^{*} OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp.	Rain-fall.
Scarborough Head	63.5	1.52
Scarborough	63.3	1.20
Aberdeen	58.3	2.92
Shields	60.0	2.40
York	61.0	2.06
Mullingham	60.2	?
Holyhead	62.0	2.69
Parsonstown	60.7	2.79
Valentia	61.1	3.68
Sally (St Mary's)	60.3	2.49
Ilfracombe	62.8	?
Ilfracombe	62.1	2.63
LONDON	62.2	2.30
Farmouth	62.5	2.59

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1865 to 1875.



REMARKS

For Monday July 18th 1881 at 8 a.m.

The depression which reached our extreme North West coasts yesterday has travelled steadily in an ENE^{ly} direction, and is now over Norway, where the barometer has fallen quickly during the night. Over our Southern counties, however pressure remains comparatively high and readings now vary from 30.1 ins: at Brest to 29.7 ins: in the N. of Scotland. Temperature remains high over France and England, but relatively low in Ireland and Scotland. The maximum readings recorded yesterday were as high as 84° at Nottingham, 83° in London and 81° at Cambridge. while those at the Scotch stations ranged from 60° to 64°. In the Eth and central parts of Ireland the thermometer rose to 73° but in the W. it did not rise above 65°. Strong SW^{ly} breezes were felt on our NW^m and Nth coasts yesterday, accompanied by dull weather and rain; but the wind has since veered in most places and moderate SW^{ly} to W^{ly} breezes prevail generally. The sky is still overcast in the W. and N. very foggy on the shores of St. George's Channel, clear elsewhere. The Sea is moderate to smooth generally — rough at Barrow-in-Furness. —

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19th July 1881

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Westerly winds fresh to light; cloudy but much finer than of late.
2	SCOTLAND EAST	D° D° D°
3	ENGLAND N.E.	South-Westerly to North-Westerly breezes light; cloudy to clear.
4	ENGLAND EAST	South-Westerly to North-Westerly winds; moderate or light, very fine.
5	MIDLAND COUNTIES	Same as N° 2
6	ENGLAND SOUTH	Same as N° 3

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Westerly and South-Westerly breezes moderate; cloudy but fair on the whole.
7	ENGLAND N.W.	D° D° D°
8	ENGLAND S.W.	Westerly breezes light; fine.
9	IRELAND NORTH	Wind Westerly to North-Westerly light; cloudy to clear.
10	IRELAND SOUTH	D° D° D°
WARNINGS		— None issued. —

METEOROLOGICAL OBSERVATIONS FOR MONDAY, 18TH JULY 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 ...	29.39	46	NW	4	o	29.45	+20	47	44	-2	NW	4	r	*	55	46	—	
Hernösand ...	29.56	52	WNW	4	6	29.62	+11	53	48	-2	WNW	4	b	*	64	46	—	
Stockholm ...	29.68	56	WNW	4	o	29.68	+06	59	52	+2	?	2	o	*	73	52	—	
Wisby ...	29.76	60	W	4	6c	29.76	+13	59	54	+1	WNW	4	o	*	64	55	—	
Bodö ...																		
Christiansund...																		
†Skudesnaes ...	29.81	55	S	2	r	29.60	-33	58	56	+3	W	5	o	3	61	54	—	
Oxö (Xiänsund) ...	29.85	57	WSW	6	c	29.59	-27	59	58	0	SW	4	o	3	64	50	0.28	
Skagen (The Skaw)	29.83	55	WNW	8	6c	29.64	-19	57	56	-1	SW	5	r	5	64	52	0.16	
Fanö ...	29.93	57	WSW	4	c	29.82	-20	61	61	0	W	4	o	*	63	55	0.12	
Cuxhaven ...	30.10	80	NW	3	6	29.94	-11	65	61	+2	SW	4	o	*	66	55	—	
†Sumburgh Head																		
†Stornoway ...	29.56	57	W	6	r	29.69	-22	56	55	+3	W	5	c	4	59	50	0.11	
Wick ...	29.58	53	S	4	o	29.68	-26	60	57	+4	W	3	o	2	60	52	0.22	
Nairn ...	29.54	62	W	1	o	29.72	-26	60	56	+3	W	1	o	1	62	55	0.26	
†Aberdeen ...	29.70	54	SW	4	r	29.76	-22	64	58	+7	WNW	1	o	2	64	51	0.32	
Leith ...	29.73	58	NW	2	r	29.82	-20	61	57	+3	W	1	6c	*	62	52	0.67	
†Shields ...	29.88	65	WSW	3	o	29.85	-22	68	64	+10	WNW	4	c	1	68	52	—	
Spurn Head ...	29.98	71	SW	3	c	29.93	-18	69	64	+8	SW	2	6	1	73	57	—	
York ...	29.97	70	SW	2	c	29.92	-19	66	62	+6	W	2	6c	*	73	59	—	
Nottingham ...	29.97	79	SSW	3	6c	29.98	-13	71	64	+7	N	3	6	*	84	58	—	
†Ardrossan ...	29.74	58	SW	4	r	29.87	-15	57	56	+3	SW	2	o	1	62	54	0.35	
†Mullaghmore ...	29.84	62	SW	5	r	29.89	-03	58	56	0	WSW	4	ogm	3	65	56	0.26	
Donaghadee ...	29.86	65	SW	4	o	29.90	-13	63	61	+9	NNW	2	c	0	72	53	0.40	
Parsonstown ...	29.95	73	WSW	3	6c	29.96	-08	60	58	-2	WSW	1	o	*	76	59	0.01	
Barrow-in-Furness	29.98	61	SSW	5	c	29.91	-20	59	58	+1	SW	5	r	6	62	57	0.05	
†Holyhead ...	29.98	61	SSW	6	o	29.95	-15	59	58	0	SSW	4	f	3	64	55	—	
Liverpool (Bidston)	30.06	68	SW	4	c	29.94	-17	67	62	+6	SW	2	c	1	72	61	—	
†Valentia ...	30.00	62	S	5	o	29.99	-07	61	59	0	Z	0	o	1	65	57	0.15	
Roche's Point...	30.05	60	SW	3	f	29.99	-12	62	61	+3	WSW	3	f	4	64	56	—	
Pembroke ...	30.10	62	SW	3	c	29.99	-12	59	57	0	SSW	2	f	1	63	57	0.02	
†Scilly ...	30.11	68	WSW	1	6	30.05	-10	60	60	-3	WSW	1	f	2	70	57	—	
Prawle Point ...	30.10	68	WSW	2	6	30.06	-09	68	64	+5	W	1	6	1	70	57	—	
Hurst Castle ...	30.08	69	W	3	6	30.06	-06	67	61	+1	W	1	6	0	74	57	—	
†Dover ...	30.05	67	Z	0	6	30.04	-06	67	62	+4	SW	1	6	0	68	66	—	
†London ...	30.03	73	W	1	6	30.03	-08	73	63	+7	WSW	2	6	*	83	60	—	
Oxford ...	30.06	70	WSW	2	6	29.93	-19	65	62	+5	W	2	6m	*	78	57	—	
Cambridge ...	30.07	79	W	1	6	29.99	-13	69	62	+6	W	1	6	*	81	56	—	
†Yarmouth ...	30.03	65	SSE	4	6	29.98	-14	71	61	+8	W	3	6	1	71	60	—	
The Helder ...	30.04	62	SW	1	6c	29.97	-12	67	62	+5	SW	1	6	2	?	61	—	
Cape Gris Nez	30.06	71	Z	0	6	30.07	-00	64	62	0	W	1	6	0	81	61	—	
†Jersey ...	30.14	70	NNW	2	6	30.10	-06	71	58	+3	Z	0	6m	0	76	58	—	
Brest ...	30.15	?	N	3	6	30.10	-06	64	57	+4	E	3	6	2	77	55	—	
Lorient ...	30.07	74	NNW	4	6	30.04	-08	66	59	+7	E	3	6	1	81	57	—	
†Rochefort ...	30.04	79	NW	4	6	30.01	-04	73	68	0	NE	4	6	1	84	?	—	
Biarritz ...	30.03	74	NNE	4	6	30.01	-03	74	71	+1	Z	0	o	2	82	68	—	
†Corunna ...	*	*	*	*	*	29.92	-09	72	*	-2	?	2	o	1	*	*	*	
†Brussels ...	*	*	*	*	*	30.04	-05	72	764	+8	SW	4	6	*	79	64	—	
Charleville ...	30.05	80	NNW	3	6	?	?	72	63	+1	E	1	6	*	88	61	—	
Paris ...	30.06	81	Z	0	6	30.08	-01	72	67	+1	Z	0	6	*	*	*	—	
Lyons ...																		
Toulon ...	29.95	84	Z	0	6	30.01	+06	74	71	-7	E	4	m	2	91	72	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.74	58	WSW	3	o	28.70	-17	58	57	+4	SW	4	r	*	61	54	0.22	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.92	60	54	W	2	c	3	Valentia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort					
Holyhead													

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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 9 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

TUESDAY, 19 JULY.

1881.

ISSUED BY THE


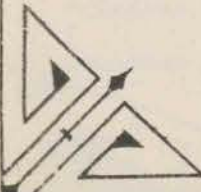
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on Tuesday, 19th JULY.

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.

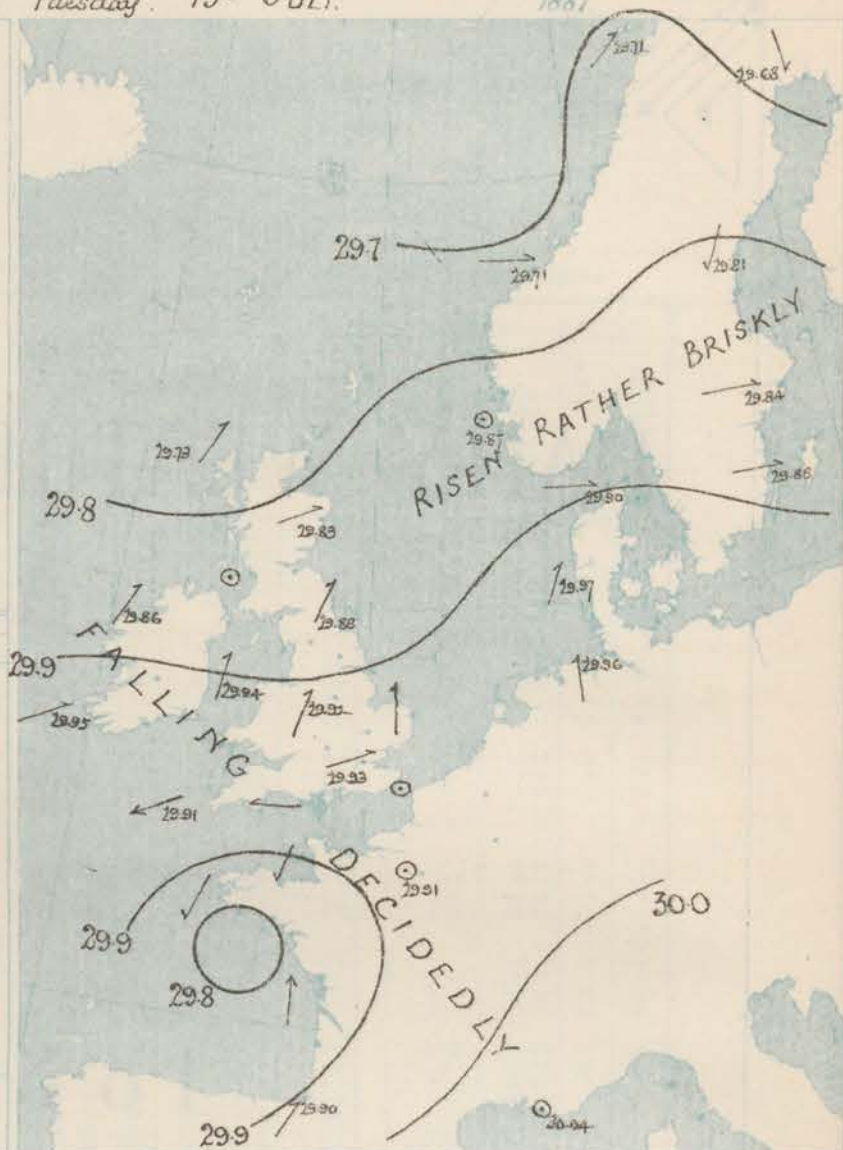
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4
 ○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings In.
Nuern	29.483
Aberdeen	29.886
Leith	29.907
Scarborough	29.944
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Koches Pt.	29.970
Plymouth	29.900
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.

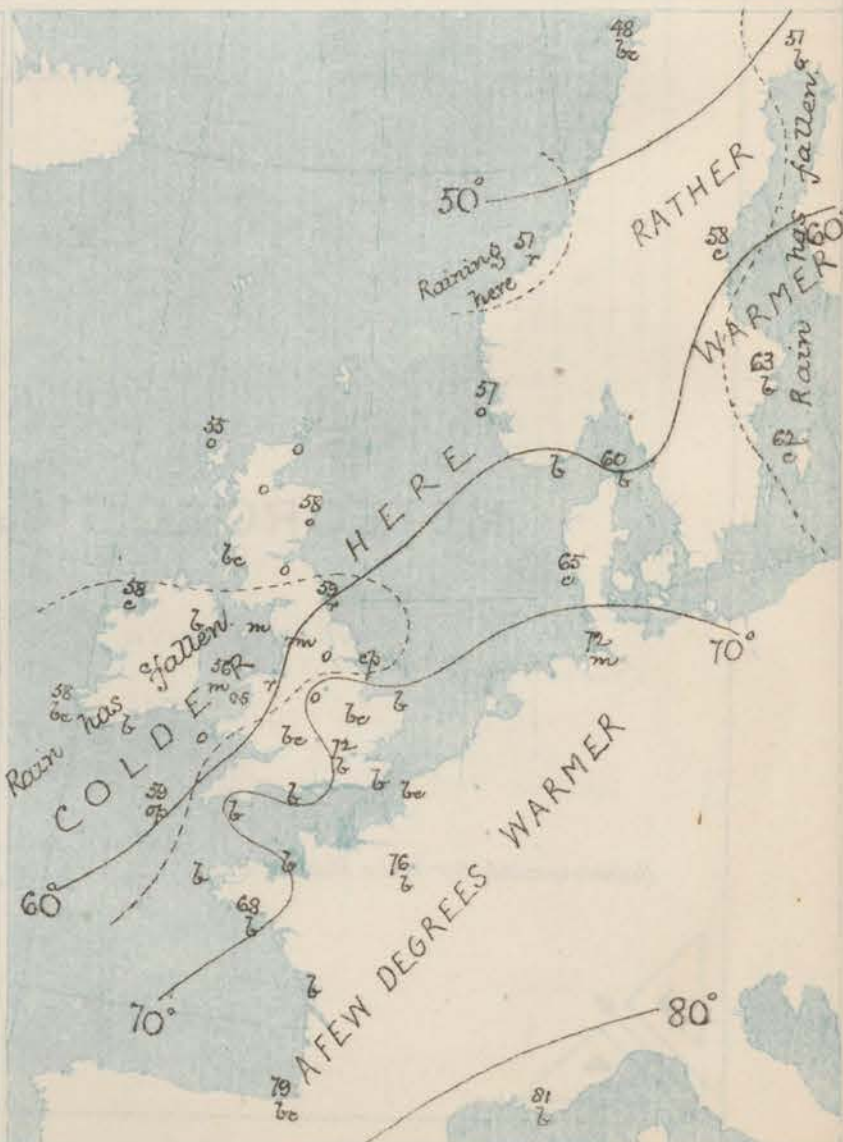
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp	Rain fall
Sunderburgh Head	53.7	1.25
Stornoway	55.3	1.30
Aberdeen	58.3	2.42
Shetland	60.0	2.40
York	61.8	3.06
Malborough	60.2	"
Holyhead	61.0	1.61
Parsonstown	60.1	2.70
Valentia	61.1	3.88
Sally (St Mary's)	63.3	5.49
Thurst Castle	62.8	"
Dover	62.7	2.05
LONDON	64.5	2.30
Bournemouth	62.5	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 Tuesday, 19th July 1881 at 8 a.m.

During the past 24 hours the mercury has fallen in all parts of Western Europe except Scandinavia the change being greatest over France where a well marked depression has appeared during the night and is apparently travelling NE^w. A second area of low pressure lies to the N^w of Scotland but while all over the Northern parts of the Kingdom and on the Eastern shores of the North Sea the weather is dull with rain in several places in all the more Southern districts and over France even in the heart of the advancing depression the sky is clear and the weather very fine and bright. The wind is South-Westly and Westly on nearly all our coasts and over Denmark and Norway but over the Channel and North of France Easterly to North-Easterly breezes are reported. Temperature has fallen except in the South and over France and readings range from 73° at Nottingham to 55° in the Hebrides - The maxima yesterday were 89° at Nottingham, 88° in London, 87° at Cambridge and 84° at Yarmouth. The Sea is nearly smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon

on the

20th July

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	Light N ^w and SW ^w breezes, cloudy, dull; some showers.
2 SCOTLAND EAST	D ^c D ^c D ^c
3 ENGLAND NE	SW ^w breezes, to Calm; rainy, then fine & bright.
4 ENGLAND EAST	S ^w to E ^w breezes, light; fair, warm.
5 MIDLAND COUNTIES	Calm, to NE ^w breezes, light; weather doubtful; fine in S th parts.
6 ENGLAND SOUTH	SE ^w to E ^w or NE ^w breezes, light; fine, warm.

DISTRICTS

FORECASTS

7 SCOTLAND WEST	Same as N ^o 1.
8 ENGLAND NW	SW ^w breezes to variable airs; rainy, then fair.
9 ENGLAND SW	NE ^w and N ^w breezes, light; fair on the whole.
10 IRELAND NORTH	W ^w and SW ^w breezes, moderate; fine to cloudy or dull, some rain, close.
11 IRELAND SOUTH	D ^c D ^c D ^c
12 WARRINCE	None issued

68
KLY
9.84
70.66
57
13 Mths fallen 57
Rain 1.60

METEOROLOGICAL OBSERVATIONS FOR TUESDAY, 19TH JULY 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.	Wind.	Temp. in shade.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Dry.	Wet.						Max.	Min.	
Haparanda ...	29.60	69	SW	2	c	29.68	+23	51	63	+14	N	2	h	54	43	0.08
Hernösand ...	29.73	53	Z	0	bc	29.81	+19	58	68	+10	NE	2	c	70	63	—
Stockholm ...	29.71	55	W	2	b	29.84	+16	63	58	+5	W	2	c	63	54	0.04
Wisby ...	29.72	59	W	4	c	29.88	+12	62	59	+3	W	2	c	63	55	0.04
Bodö ...	29.66	60	W	4	c	29.71	+14	48	44	+4	SW	4	bc	7	43	—
Christiansund ...	29.67	55	NE	2	o	29.71	+04	51	51	0	W	1	r	55	43	0.08
†Skudesnaes ...	29.81	57	W	2	o	29.87	+27	57	55	-1	Z	0	o	54	57	—
Oxö (Christiansund) ...	29.79	57	SW	4	bc	29.88	+29	61	58	+3	SW	4	b	?	57	—
Skagen (The Skaw) ...	29.79	58	WNW	7	b	29.90	+26	60	58	+2	W	4	b	64	55	—
Fano ...	29.95	61	W	4	b	29.97	+15	65	63	+2	SW	1	c	66	59	—
Cuxhaven ...	30.03	?	WNW	3	c	29.96	+02	72	68	+4	S	1	m	72	57	—
†Sumburgh Head ...	29.77	58	W	4	c	29.73	+04	55	54	-1	SW	4	o	59	50	0.04
†Stornoway ...	29.79	60	NW	2	c	29.78	+10	58	53	-5	NW	2	o	66	44	—
Wick ...	29.82	62	WSW	1	bc	29.80	+08	57	53	-4	Z	0	c	65	50	—
Nairn ...	29.81	66	NNE	1	c	29.83	+07	58	54	-4	WSW	1	c	74	48	—
†Aberdeen ...	29.88	64	W	1	bc	29.86	+04	59	55	-4	NW	1	c	66	55	—
Leith ...	29.90	70	WNW	3	o	29.88	+03	59	58	-1	SSW	1	r	73	57	0.15
†Shields ...	29.93	68	ENE	1	bc	29.90	-03	64	63	-1	Z	0	cp	78	62	—
Spurn Head ...	29.94	72	W	2	bc	29.89	-05	65	63	-2	S	1	o	76	61	0.07
York ...	29.95	78	SW	3	b	29.92	-03	73	67	+6	SW	3	o	89	62	—
Nottingham ...	29.90	59	S	1	o	29.87	-03	58	54	-4	SW	1	bc	64	53	—
†Ardrossan ...	29.92	60	W	2	c	29.86	-06	53	54	0	SW	4	c	63	55	—
†Mullaghmore ...	29.91	68	WSW	2	bc	29.89	-02	59	57	-2	W	1	b	69	53	—
Donaghadee ...	29.96	65	W	1	bc	29.94	-02	58	55	-3	W	1	c	67	52	—
Parsonstown ...	29.97	59	SW	2	r	29.89	-08	57	57	0	NW	3	ru	61	57	0.61
Barrow-in-Furness ...	29.97	59	SW	3	f	29.94	-03	56	55	-1	SSW	2	ru	62	54	0.52
†Holyhead ...	29.98	62	WNW	1	o	29.91	-07	57	57	0	WNW	1	r	70	57	0.18
Liverpool (Bidston) ...	30.02	59	WSW	3	o	29.95	-07	58	55	-3	WSW	2	bc	65	53	0.02
†Valentia ...	29.99	61	WSW	3	c	29.95	-04	59	56	-3	WNW	3	b	64	50	0.25
Roche's Point ...	29.97	59	SW	2	f	29.92	-05	57	57	0	S	1	o	63	56	0.06
Pembroke ...	30.00	64	Z	0	c	29.91	-09	59	59	0	ENE	5	op	66	57	0.03
†Scilly ...	30.01	69	WSW	2	b	29.94	-07	71	66	+5	N	1	b	73	60	—
Prawle Point ...	30.00	69	WSW	3	b	29.92	-08	69	66	+3	E	1	b	72	59	—
Hurst Castle ...	29.99	66	SW	2	b	29.90	-09	68	63	+5	SSW	1	b	71	59	—
†Dover ...	29.96	83	W	3	b	29.93	-03	72	66	+6	WSW	1	b	88	61	—
†London ...	29.96	72	W	1	b	29.92	-04	72	66	+6	Z	0	bc	81	61	—
Oxford ...	29.97	81	SW	1	b	29.90	-07	72	67	+5	SW	1	bc	87	61	—
Cambridge ...	29.94	73	NE	1	b	29.90	-04	72	66	+6	S	1	b	84	63	—
†Yarmouth ...	30.01	68	SSW	3	b	29.93	-08	66	63	+3	S	1	bc	72	52	—
The Helder ...	30.04	73	NNE	1	b	29.90	-14	70	60	+10	NNE	2	b	80	60	—
Cape Gris Nez ...	30.00	78	NNE	3	b	29.90	-10	65	59	+6	NE	4	b	81	55	—
†Jersey ...	29.94	78	NW	3	b	29.80	-14	62	61	+1	NE	3	b	90	64	—
Brest ...	29.93	82	NW	4	b	29.87	-15	78	72	+6	S	5	b	91	68	—
Lorient ...	29.88	79	W	3	bc	29.90	-12	79	74	+5	SW	4	bc	84	72	—
†Rochefort ...	*	*	*	*	*	29.88	-02	?	?	?	S	1	c	*	*	*
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Corunna ...	29.90	83	Z	0	b	29.91	-17	76	67	+9	N	1	b	*	*	*
Brussels ...	29.97	93	NE	1	b	30.01	-04	76	65	+11	S	3	b	98	72	—
Charleville ...	30.02	84	Z	0	b	30.04	+03	81	70	+11	Z	0	b	90	73	—
Paris ...	28.72	58	W	3	o	28.68	-04	56	56	0	SW	1	ru	60	54	0.39
Hawes Junction ...	29.74	59	W	4	c	29.74	+00	56	56	0	W	4	c	63	56	—

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.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes ...	29.74	59	56	W	6	o	h	Valentia ...	30.01	63	60	W	3	cp	3
Sumburgh Head								Scilly ...	30.06	65	63	SSW	1	cf	2
Stornoway ...	29.76	58	57	W	5	o	h	Dover ...	30.02	70	63	SW	2	b	1
Aberdeen ...	29.78	70	62	W	1	c	2	London ...	29.99	84	69	WSW	3	b	*
Shields ...	29.88	71	66	W	4	bc	2	Yarmouth ...	29.96	81	67	SSE	1	b	1
Ardrossan ...	29.90	81	56	S	1	bc	2	Jersey ...	30.08	73	66	Z	0	b	0
Mullaghmore ...	29.92	59	56	W	2	-	2	Rochefort ...	29.97	89	75	NE	3	b	2
Holyhead ...	29.97	63	61	SW	4	f	3	Ben Nevis - 4406 ft. 9 a.m. on 18 th	25.35	42	42	WSW	5	o	HAB. HIN 67 37 113

The barometer is rising a little except in the south east and over France. The wind remains SW and W, and the weather continues very fine and hot over the east of England. Temperature ranges from 84° 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; i. 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

WEDNESDAY, 20TH JULY.

1881.

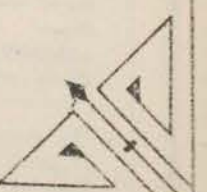

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METEOROLOGICAL OFFICE

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WEATHER CHARTS

for 8 a.m. on WEDNESDAY 20TH JULY 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.

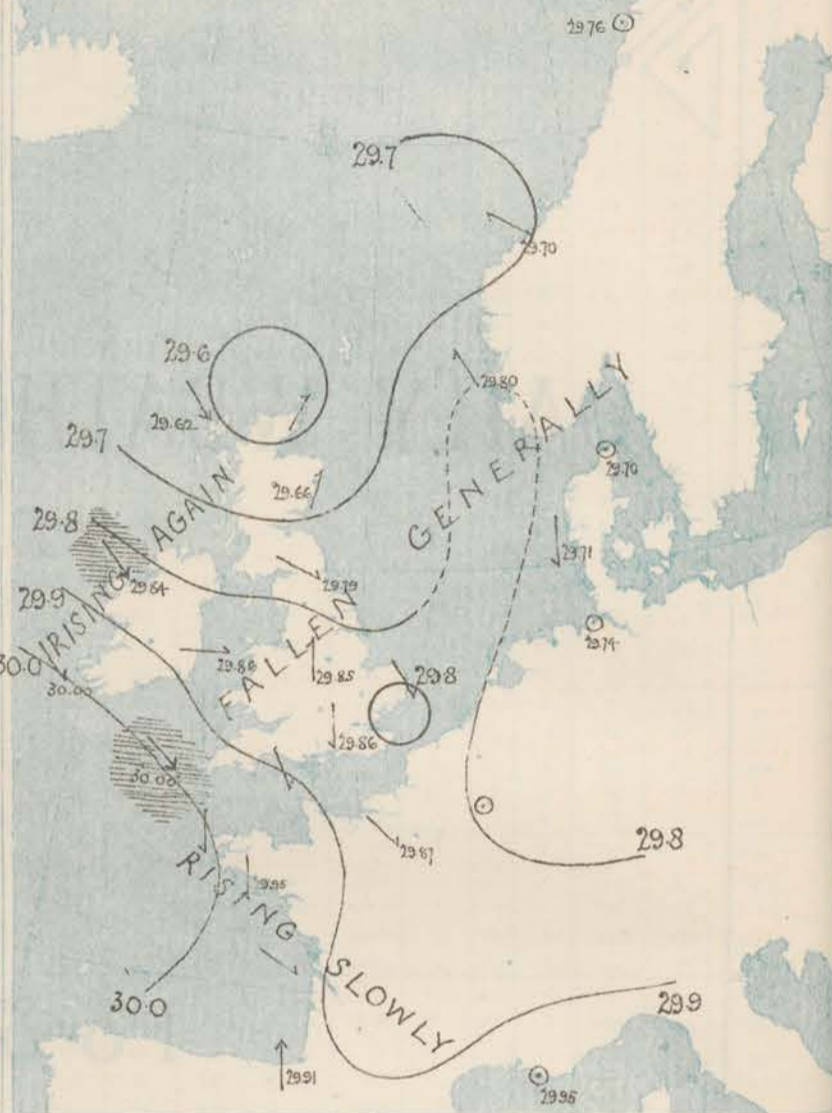
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 * - forces above 10; * - forces 8 to 10
 * - forces 6 to 7; * - forces 1 to 4.
 ○ - dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Roche's Pt.	29.978
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.

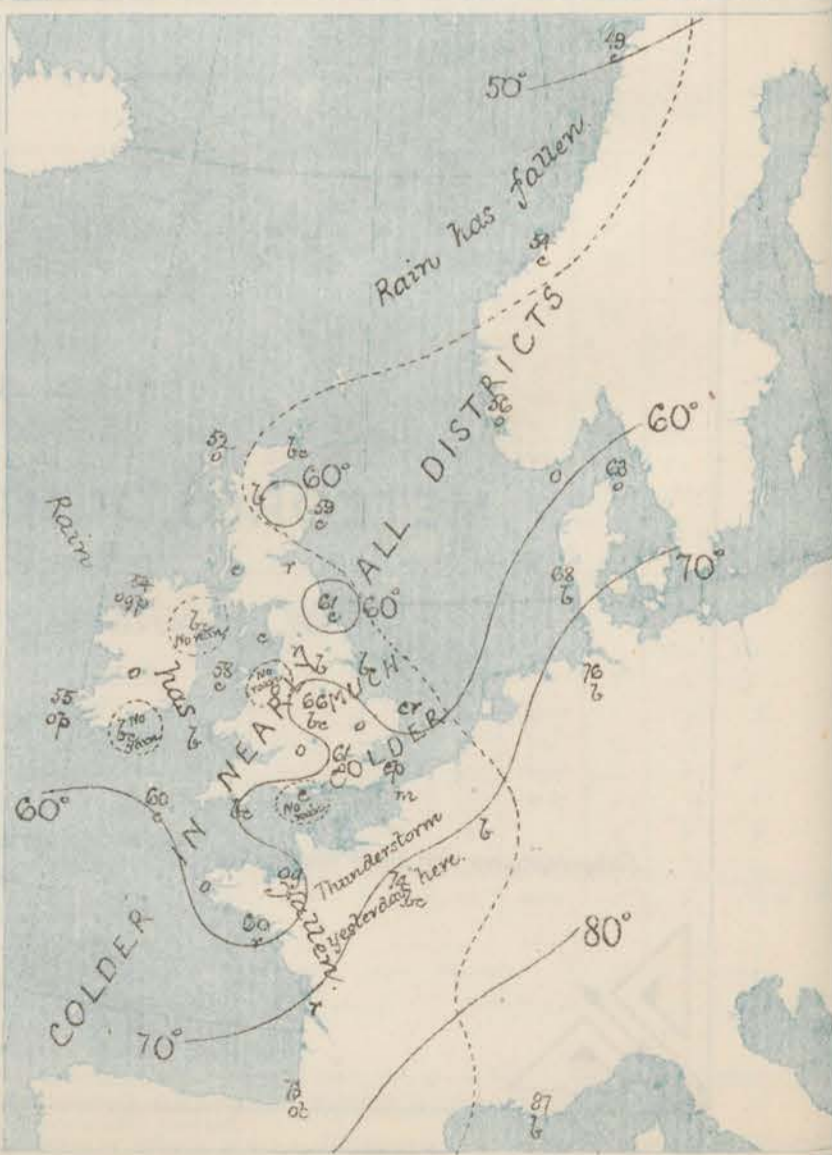
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp	Rain-fall
	°	In.
Sunderburgh Head	53.7	1.23
Stornoway	54.3	1.38
Aberdeen	59.3	2.41
Shetlands	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.66
Parsonstown	60.7	2.79
Valentia	61.1	1.88
Sally (St Mary's)	62.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.40
LONDON	62.2	2.20
Yarmouth	62.5	2.08

* The mean Temperatures are those for the 53 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

For Wednesday July 20th 1881 at 8 a.m.

The weather this morning is in an unsettled and changeable condition. Over Central and South-Western England as well as in the N. of Scotland the sky is clear or nearly so but elsewhere it is cloudy or overcast with rain in several places. Thunder occurred at Jersey and Paris yesterday afternoon, lightning at Dover last night and during the past 24 hours rain has fallen except in the E. of Scotland and at some S^W and S^W stations. Temperature has fallen considerably in the SE of England and W. of France, slightly in most places and readings range from 67° at Dover to 52° at Stornoway. The maxima yesterday were 89° in London and at Nottingham, 86° at Cambridge and about 80° at Yarmouth, Hurst Castle and Oxford. The wind is NW^{ly} to N^{ly} on our W. and S. coasts and over France but draws into SW and W. over the Central and N^W parts of England and into SE in Norway. It blows freshly in the NW. Pressure is increasing in the W. and S. decreasing elsewhere and well marked though shallow depressions are shown one over N. Scotland the other over the mouth of the Thames. The highest readings are in the SW. The sea is nearly smooth except at Mullaghmore and Seilly.

MAP SHOWING DISTRICTS



FORECASTS

For the 24 hours ending at Noon
on the
21ST JULY.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	{ NW ^{ly} and SW ^{ly} breezes, moderate; cloudy, cool, some showers.		
2 SCOTLAND EAST	{ SW ^{ly} , veering to W ^{ly} winds, moderate; cloudy, slight rain		
3 ENGLAND N.E.	D°	D°	D°
4 ENGLAND EAST	{ NW ^{ly} breezes, light; cloudy, fair		
5 MIDLAND COUNTIES	{ Light breezes between N. and W. cloudy, cool; slight showers, then clearing		
6 ENGLAND SOUTH	D°	D°	D°

7 SCOTLAND WEST	{ W ^{ly} and NW ^{ly} breezes, moderate; cloudy, slight rain.		
8 ENGLAND N.W.	Same as Nos 1. and 2.		
9 ENGLAND S.W.	NW ^{ly} breezes, moderate; fine cloudy, some showers.		
10 IRELAND NORTH	NW ^{ly} and W ^{ly} breezes, moderate & fresh; cloudy, cool, some showers		
11 IRELAND SOUTH	D°	D°	D°
WARNINGS	None Issued		

METEOROLOGICAL OBSERVATIONS FOR WEDNESDAY, 20th JULY 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										FAST 24 HOURS.		
	Barometer at 55° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dirac.	Force (0 to 12).	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).	Force (0 to 12).			Max.	Min.	
† Haparanda	29.80	69	SW	2	6	b	29.82	+14	55	57	+4	S	2	0	*	*	59	65	—
† Hernösand	29.75	54	Z	0	0	o	29.76	—05	59	54	+1	N	2	60	*	*	66	37	—
† Stockholm	29.86	62	WSW	2	0	o	29.80	—06	61	58	—2	SE	2	0	*	*	73	50	0.12
† Wisby	29.93	63	SSW	4	c	c	29.84	—06	67	61	+5	WSW	4	60	*	*	68	57	—
† Bodö	29.76	50	W	1	c	c	29.76	+05	69	66	+1	Z	0	c	0	0	54	65	0.04
† Christiansund	29.78	54	W	4	c	c	29.70	—01	54	50	+3	SE	4	c	2	2	57	63	0.08
† Skudesnaes	29.81	58	Z	0	0	o	29.80	—07	56	56	—1	SE	2	0	3	3	59	?	—
† Oxö (Christiansund)	29.78	57	SSW	2	0	o	29.73	—15	57	55	—2	N	2	0	2	2	61	54	0.24
† Skagen (The Skaw)	29.83	62	SW	2	0	o	29.70	—10	63	62	+3	Z	0	0	0	0	68	57	0.12
† Fanö	29.81	64	SW	1	c	c	29.71	—10	68	65	+3	N	1	6	*	*	72	57	—
† Cuxhaven	29.86	83	NE	1	m	m	29.74	—12	76	72	+4	W	1	6	*	*	77	64	0.02
† Sumburgh Head																			
† Stornoway	29.67	54	SSW	5	r	r	29.62	—11	52	51	—3	NW	5	0	4	4	58	50	0.28
† Wick	29.71	62	SW	2	c	c	29.58	—20	58	54	0	SW	2	60	1	1	66	53	—
† Nairn	29.76	63	WSW	1	6	6	29.61	—19	60	53	+3	WSW	2	6	2	2	68	52	—
† Aberdeen	29.76	62	SSW	3	6	6	29.66	—17	59	56	+1	SSW	1	c	1	1	67	50	—
† Leith	29.79	65	WNW	1	6	6	29.71	—13	58	55	—1	SW	2	r	*	*	68	54	—
† Shields	29.81	60	Z	0	m	m	29.79	—09	61	56	+2	WNW	2	c	1	1	61	48	0.04
† Spurn Head	29.84	67	NW	1	c	c	29.80	—10	59	55	—5	W	3	6	2	2	72	55	0.08
† York	29.85	67	W	1	c	c	29.81	—08	59	56	—6	W	3	6	*	*	69	64	0.08
† Nottingham	29.87	69	N	1	0	0	29.85	—07	66	62	—7	S	2	60	*	*	84	55	0.13
† Ardrossan	29.82	59	SSW	2	0	o	29.74	—13	56	54	—2	W	3	c	2	2	62	54	0.02
† Mullaghmore	29.82	58	WSW	5	0	o	29.84	—02	54	53	—4	NW	6	opg	5	5	65	53	0.12
† Donaghadee	29.84	61	SSW	3	c	c	29.79	—10	60	57	+1	W	3	60	1	1	68	54	—
† Parsonstown	29.88	62	WSW	2	c	c	29.91	—03	57	54	—1	W	2	0	*	*	65	52	0.01
† Barrow-in-Furness	29.88	61	W	2	6	6	29.81	—08	57	55	0	SW	4	c	3	3	62	55	0.16
† Holyhead	29.90	63	SW	3	60	60	29.86	—08	58	56	+2	W	4	c	3	3	64	53	0.01
† Liverpool (Bidston)	29.88	63	WNW	1	c	c	29.84	—09	56	54	—1	WSW	2	0	2	2	63	52	—
† Valentia	29.93	58	WSW	4	0	0	30.00	+05	55	53	—3	NW	3	op	4	4	63	53	—
† Roche's Point	29.90	63	W	3	60	60	29.94	—01	58	54	—1	NW	4	60	4	4	65	53	—
† Pembroke	29.89	58	W	2	c	c	29.87	—05	57	55	0	WNW	3	6	2	2	60	55	0.01
† Scilly	29.93	60	NNW	5	0	0	30.00	+09	60	58	+1	NW	5	c	5	5	61	56	0.09
† Prawle Point	29.86	69	NNW	2	60	60	29.94	—00	60	58	—11	WNW	2	60	2	2	79	53	0.05
† Hurst Castle	29.82	70	WNW	2	c	c	29.89	—03	63	58	—6	NNW	4	c	2	2	80	57	—
† Dover	29.80	71	E	1	60	60	29.80	—10	67	64	—1	NNE	3	cp	1	1	77	63	—
† London	29.86	61	NNW	3	0	0	29.86	—07	61	59	—11	N	2	0	*	*	89	61	—
† Oxford	29.84	69	WNW	1	0	0	29.89	—03	58	54	—14	NNE	1	0	*	*	82	55	0.05
† Cambridge	29.81	60	N	1	0	0	29.85	—05	59	55	—13	N	1	0	*	*	86	54	0.07
† Yarmouth	29.84	70	Z	0	6	6	29.82	—08	58	57	—14	NNW	2	cp	2	2	80	57	0.03
† The Helder																			
† Cape Gris Nez	29.78	73	E	3	c	c	29.83	—10	65	63	—1	NE	1	m	1	1	81	61	—
† Jersey	29.87	72	Z	0	c	c	29.99	+04	59	57	—11	NW	3	op	3	3	77	57	0.01
† Brest	29.90	69	NW	4	0	0	30.01	+11	59	58	—6	N	3	0	2	2	81	57	0.04
† Lorient	29.82	79	W	4	c	c	29.95	+15	60	59	—8	N	4	r	1	1	90	59	0.16
† Rochefort	29.87	77	NW	4	6	6	29.91	+04	72	70	—6	WNW	4	r	1	1	90	66	—
† Biarritz	29.84	82	NNE	4	0	0	29.91	+01	73	66	—6	S	5	ot	2	2	97	66	0.16
† Corunna	*	*	*	*	*	*											*	*	*
† Brussels	*	*	*	*	*	*	29.76	—15	73	68	0	SW	3	6	*	*	95	67	0.28
† Charleville	29.85	80	NW	7	60	60	29.74	—15	72	64	?	ENE	1	6	*	*	100	65	0.20
† Paris	29.82	76	Z	0	0	0	29.87	—04	74	66	—2	NW	3	60	*	*	*	*	0.28
† Lyons	29.90	94	SW	3	6	6	29.93	—08	76	63	0	S	1	6	*	*	100	68	—
† Toulon	29.97	88	W	3	6	6	29.95	—09	87	68	+6	Z	0	6	0	0	93	79	—

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

Hawes Junction	28.64	57	W	2	c	c	28.57	—11	52	51	—4	SW	3	r	*	*	61	44	0.04
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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 ...	29.84	59	58	S	4	of	Valentia ...	30.06	63	56	SW	3	60	3
Sumburgh Head							Scilly ...	29.92	61	58	N	5	0	4
Stornoway ...	29.69	57	57	SSW	5	0	Dover ..	29.84	73	63	ENE	1	6	0
Aberdeen ...	29.78	64	57	S	3	6	London ...	29.84	84	70	W	1	60	*
Shields ...	29.84	58	57	E	2	0	Yarmouth ...	29.85	72	66	NE	2	6	1
Ardrossan ...	29.84	60	57	SSW	2	c	Jersey ...	29.88	74	64	NNE	3	60	3
Mullaghmore ...	29.83	62	55	WSW	5	cp	Rochefort ...	29.87	81	74	SSW	4	6	2
Holyhead ...	29.91	62	58	WNW	2	c	Ben Nevis 4406 ft	25.33	38	38	SW	3	0	Max. Min. 42.36 0.70
							Gannet 104							

Pressure is decreasing except in the south west. Very close hot weather, with clear skies and variable breezes, from the south east, but elsewhere the wind is SW and the weather rather cloudy but fair and cool.

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

THURSDAY, 21ST JULY.

1881.

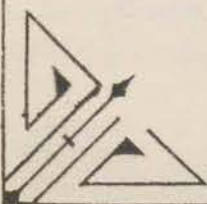
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Longfield, 14th St. Bedford St. London W.C.

WEATHER CHARTS

for 8 a.m. on Thursday, 21st JULY. 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.

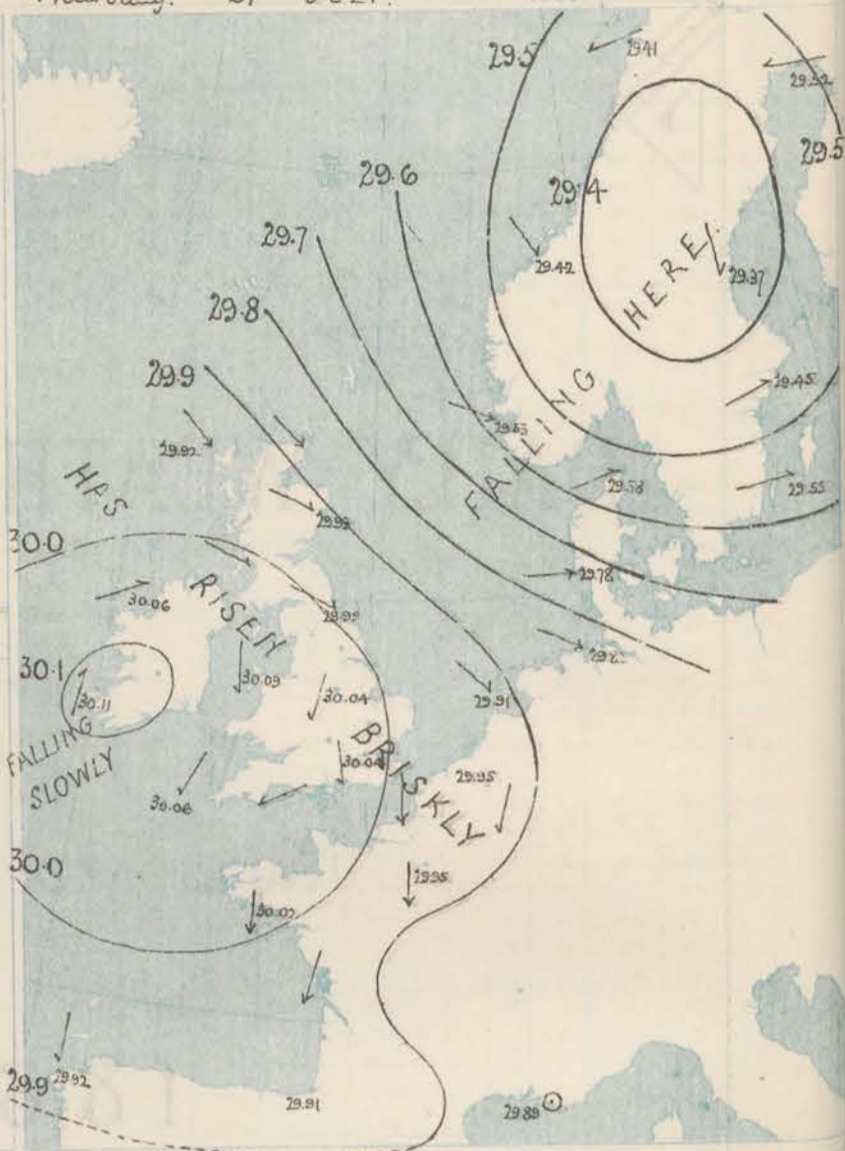
© = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings, ins.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.891
Aldershot	29.922
Greenwich	29.917
Holyhead	29.948
Valencia	29.965
Roche's Pt.	29.910
Plymouth	29.900
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 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp	Rain-fall
	°	ins.
Samburgh Head	53.7	1.22
Sarnoway	53.3	1.30
Aberdeen	58.3	1.37
Shields	60.0	2.40
York	61.0	2.06
Mullingham	60.2	1.00
Holyhead	61.0	1.64
Paranstown	60.7	2.79
Valencia	61.7	3.88
Sally (St Mary's)	60.3	2.49
Burst Castle	62.8	1.00
Dover	62.7	2.69
LONDON	61.3	2.70
Yarmouth	62.3	2.59

* The mean Temperatures are those for the 12 years 1857-69, the mean amounts of Rain are those for the 10 years 1865 to 1875.



REMARKS

for..... Thursday July 21st 1881 at 8 a.m.

During the past 24 hours the depression which lay over the N. of Scotland yesterday morning has passed on E^{ly} over Scandinavia. In that region the barometer still falls and the weather is cloudy with rain and fresh to strong Westerly and North Westerly winds but over the whole of these Islands and France the mercury has risen quickly and a large area of high pressure lies over Ireland, England and the NW. of France. The wind has backed to the S^{ly} at Valencia but Westerly winds prevail over Scotland and N^{ly} winds over England and France. The weather though becoming cloudy in the extreme N. of Ireland is fine and bright in nearly all other places but a further and decided fall of temperature has occurred and readings now range from 62° in the SW and at Paris to 56° in the Hebrides. The maxima yesterday were 70° at Hurst Castle, 74° in London and at Nottingham 72° at Cambridge and 71° at Lannouth but below 70° elsewhere. The Sea is nearly smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22nd JULY

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

DISTRICTS		FORECASTS			DISTRICTS		FORECASTS		
1	SCOTLAND NORTH	{ N ^{ly} and NW ^{ly} winds, moderate and fresh; cloudy, fair.			6	SCOTLAND WEST	{ Light W ^{ly} and SW ^{ly} breezes, cloudy.		
1	SCOTLAND EAST	{ Light W ^{ly} and NW ^{ly} breezes, fair.			7	ENGLAND N.W.	{ N ^{ly} breezes, backing to W., light, fair.		
2	ENGLAND N.E.	D ^o	D ^o	D ^o	8	ENGLAND S.W.	{ NE ^{ly} and E ^{ly} breezes, light; cloudy, fair, hazy.		
3	ENGLAND EAST	{ Light or moderate N ^{ly} breezes, fair.			9	IRELAND NORTH	{ S ^{ly} and SW ^{ly} winds, light to fresh, close, warm.		
4	MIDLAND COUNTIES	{ Light N ^{ly} and NE ^{ly} breezes, fair becoming warmer.			10	IRELAND SOUTH	D ^o	D ^o	D ^o
5	ENGLAND SOUTH	D ^o	D ^o	D ^o	WARNINGS		None Issued		

METEOROLOGICAL OBSERVATIONS FOR THURSDAY 21ST JULY 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 ...	29.71	56	S	2	o	29.52	-.30	53	51	-.2	E	2	r	*	61	43	—		
Hernösand ...	29.63	52	SE	2	f	29.37	-.39	55	53	-.4	N	2	o	*	62	48	0.24		
Stockholm ...	29.55	62	SSW	2	r	29.45	-.35	65	60	+.4	WSW	4	o	*	70	59	0.24		
Wisby ...	29.60	63	S	6	bc	29.55	-.29	64	62	-.3	W	2	bc	*	73	57	0.04		
Bodo ...	29.63	51	NNE	4	bc	29.41	-.35	56	50	+.7	ENE	4	bc	2	68	48	—		
Christiansund ...	29.55	55	WNW	2	c	29.42	-.28	53	51	-.1	NW	1	c	3	55	41	—		
†Skudesnaes ...	29.58	58	SW	4	o	29.53	-.27	56	54	0	WNW	5	r	4	59	9	—		
Oxö (Xiänsund) ...	29.51	58	SW	4	o	29.55	-.18	58	55	+.1	WSW	6	c	3	59	54	0.16		
Skagen (The Skaw) ...	29.62	59	WSW	2	o	29.58	-.12	58	55	-.5	WSW	4	c	4	68	54	0.16		
Faro ...	29.73	58	W	4	c	29.78	+.07	60	58	-.8	W	6	bc	*	75	57	0.08		
Cuxhaven ...	29.73	56	WNW	3	b	29.82	+.08	67	62	-.9	WNW	5	c	*	?	59	—		
†Sumburgh Head ...																			
†Stornoway ...	29.82	50	NNW	5	o	29.92	+.30	50	50	-.2	NW	4	c	4	53	46	0.09		
Wick ...	29.55	51	NW	6	o	29.88	+.30	56	52	-.2	NW	5	bc	3	64	47	0.20		
Nairn ...	29.74	51	WNW	7	c	29.93	+.32	54	50	-.6	WNW	4	c	2	61	45	0.04		
†Aberdeen ...	29.67	58	NNW	4	bc	29.92	+.26	56	51	-.3	WNW	3	b	3	67	47	0.08		
Leith ...	29.76	59	W	2	bc	29.98	+.27	56	51	-.2	W	1	b	*	61	45	0.09		
†Shields ...	29.75	65	WNW	4	bc	29.99	+.20	53	49	-.8	WNW	3	b	0	67	42	—		
Spurn Head ...	29.82	64	W	5	b	30.01	+.21	55	51	-.4	N	4	b	4	66	49	—		
York ...	29.83	63	W	4	b	30.03	+.22	52	47	-.7	N	1	b	*	69	44	—		
Nottingham ...	29.90	64	NNW	4	b	30.04	+.19	58	50	-.8	NNE	3	b	*	74	42	—		
†Ardrossan ...	29.85	57	W	5	b	30.02	+.28	57	52	+.1	WNW	2	b	2	61	46	0.03		
†Mullaghmore ...	30.00	58	NNW	5	c	30.06	+.22	54	51	0	WSW	3	c	2	59	53	0.03		
Donaghadee ...	29.94	55	NW	6	bc	30.06	+.27	56	53	-.4	WNW	2	b	0	65	44	—		
Parsonstown ...	30.01	59	NNW	2	o	30.11	+.20	52	49	-.5	SE	1	b	*	62	41	—		
Barrow-in-Furness ...	29.88	59	NNW	5	b	30.12	+.31	51	47	-.6	NNE	3	bc	3	62	49	—		
†Holyhead ...	29.95	59	NW	3	b	30.09	+.23	54	51	-.4	N	4	bc	3	63	52	—		
Liverpool (Bidston) ...	29.92	58	WNW	4	c	30.04	+.20	55	50	-.1	NW	2	c	2	63	52	—		
†Valentia ...	30.09	59	NW	3	c	30.11	+.11	56	52	+.1	SW	2	o	2	62	48	0.02		
Roche's Point ...	30.04	62	NNW	5	b	30.10	+.16	54	50	-.4	N	1	bc	3	65	48	—		
Pembroke ...	29.94	60	WNW	3	bc	30.04	+.17	56	52	-.1	NNE	1	bc	1	62	49	—		
†Scilly ...	30.01	62	NW	5	bc	30.06	+.06	62	58	+.2	NE	2	c	2	64	56	—		
Prawle Point ...	29.97	64	WNW	3	b	30.06	+.12	62	52	+.2	NE	2	b	1	68	51	—		
Hurst Castle ...	29.92	70	N	4	b	30.04	+.15	59	54	-.4	ENE	3	b	2	80	52	—		
†Dover ...	29.84	62	SSW	1	bc	29.98	+.19	62	55	-.5	NNE	4	b	2	69	55	0.03		
†London ...	29.84	71	W	2	bc	30.04	+.18	57	52	-.4	N	1	m	*	74	57	—		
Oxford ...	29.93	62	W	1	c	30.04	+.15	55	50	-.3	NNW	1	c	*	69	49	—		
Cambridge ...	29.86	60	NW	1	c	30.02	+.17	56	51	-.3	N	1	b	*	72	46	—		
†Yarmouth ...	29.84	69	WNW	2	b	29.99	+.17	58	53	0	NNW	2	b	2	71	51	—		
The Helder ...	29.92	62	W	1	bc	29.91	+.20	60	56	-.11	NW	1	bc	2	72	59	—		
Cape Gris Nez ...	29.91	64	Z	0	c	29.99	+.16	58	55	-.7	N	5	bc	4	68	57	—		
†Jersey ...	30.01	62	WNW	3	bc	30.05	+.06	63	57	+.4	NE	3	bc	3	66	55	—		
Brest ...	30.03	62	N	3	c	30.06	+.05	59	57	0	N	3	o	3	81	52	—		
Lorient ...	29.97	70	ENE	3	c	30.02	+.07	56	54	-.4	N	5	bc	2	81	54	—		
†Rochefort ...	29.87	74	NW	7	o	29.91	.00	59	58	-.13	NNE	7	o	2	82	755	0.20		
Biarritz ...	29.90	72	WSW	3	c	29.91	.00	69	65	-.4	W	7	ct	4	82	63	0.35		
Corunna ...	*	*	*	*	*	29.92	?	88	*	?	N	2	b	?	*	*	*		
Brussels ...	*	*	*	*	*	29.95	+.19	64	58	-.9	NNE	3	c	*	81	58	0.04		
Charleville ...	29.95	76	WNW	7	c	29.89	+.10	63	59	-.9	NNE	4	c	*	88	61	0.08		
Paris ...	29.90	71	NW	3	c	29.95	+.08	62	57	-.12	N	5	c	*	*	*	0.08		
Lyons ...																			
Toulon ...	29.92	84	SW	3	b	29.84	-.06	78	73	-.9	SE	1	b	1	95	70	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.60	55	W	3	bc	28.79	+.22	49	45	-.3	W	1	b	*	57	41	0.05		

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

Hawes Junction	28.60	55	W	3	bc		28.79	+.22	49	45	-.3	W	1	b	*	57	41	0.05
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudeensæen ...	29.63	58	57	SSW	2	r	3	Valentia ...	30.06	61	55	NW	4	c/p	4
Sumburgh Head								Scilly ...	30.01	63	59	WNW	5	bc	5
Stornoway ...	29.72	50	50	NW	5	rg	5	Dover ..	29.88	63	59	WSW	2	c/p	1
Aberdeen ...	29.65	58	56	NNW	1	r	1	London ...	29.88	70	60	SSE	2	c	*
Shields ...	29.72	63	59	WNW	3	c	1	Yarmouth ...	29.84	67	58	W	1	b	1
Ardrossan ...	29.79	59	55	W	4	bc	3	Jersey ...	30.01	64	56	WNW	2	c	3
Mullaghmore ...	29.96	56	52	NW	6	ogm	5	Rochefort ...	29.91	81	72	SSW	4	bc	2
Holyhead ...	29.91	62	58	WSW	3	c	2	Ben Nevis (406 ft.)	25.20	39	39	W	2	o	

The mercury is rising except in the north-east, where the barometer continues to fall, and the depression is still shown. The wind is NW to W and strong in the west, while the weather is cloudy and stormy, with temperature ranging from 70° in London to 50° at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. 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, 22ND JULY.

1881.

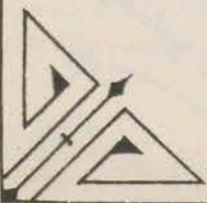
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ROBERT H. SCOTT
(SECRETARY.)



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

WEATHER CHARTS

for 8 a.m. on Friday 22nd JULY.

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.

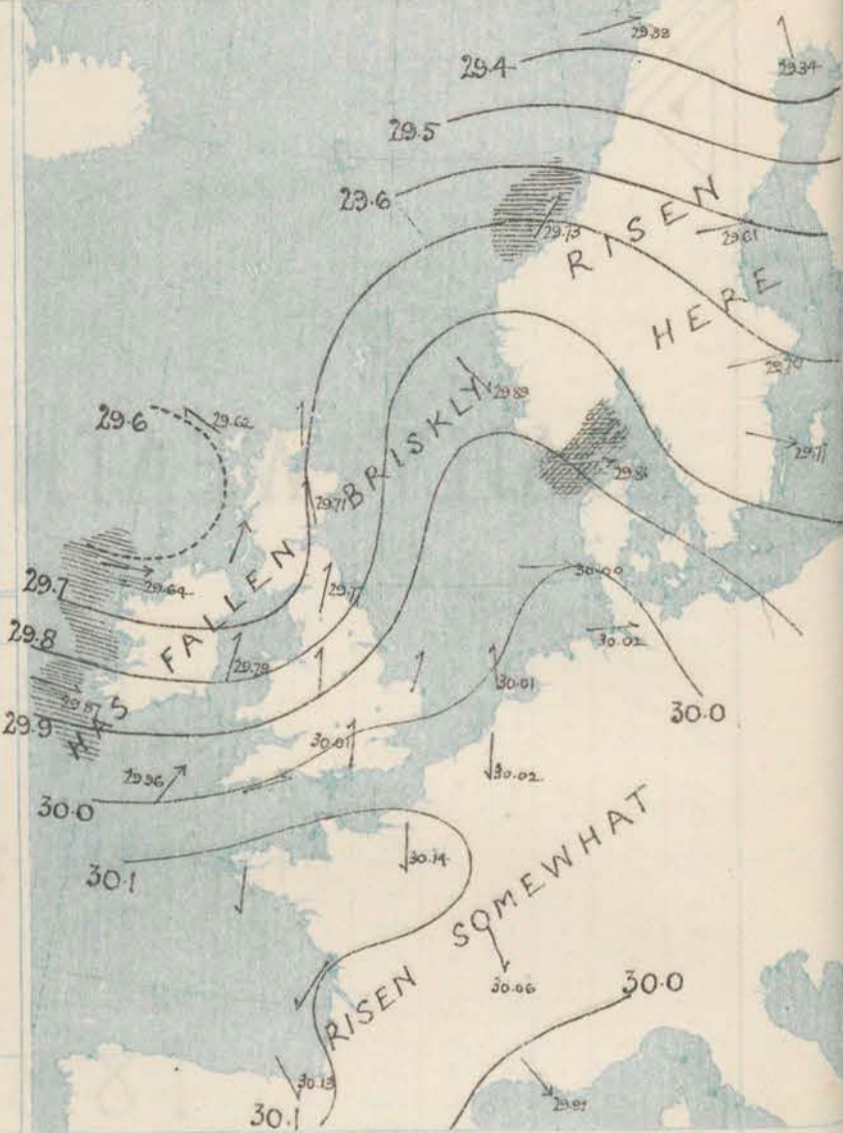
Sea Disturbance, where considerable, is shown by shading round the coast; thus: - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.947
Holyhead	29.940
Valentia	29.963
Roche's Pt.	29.970
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.

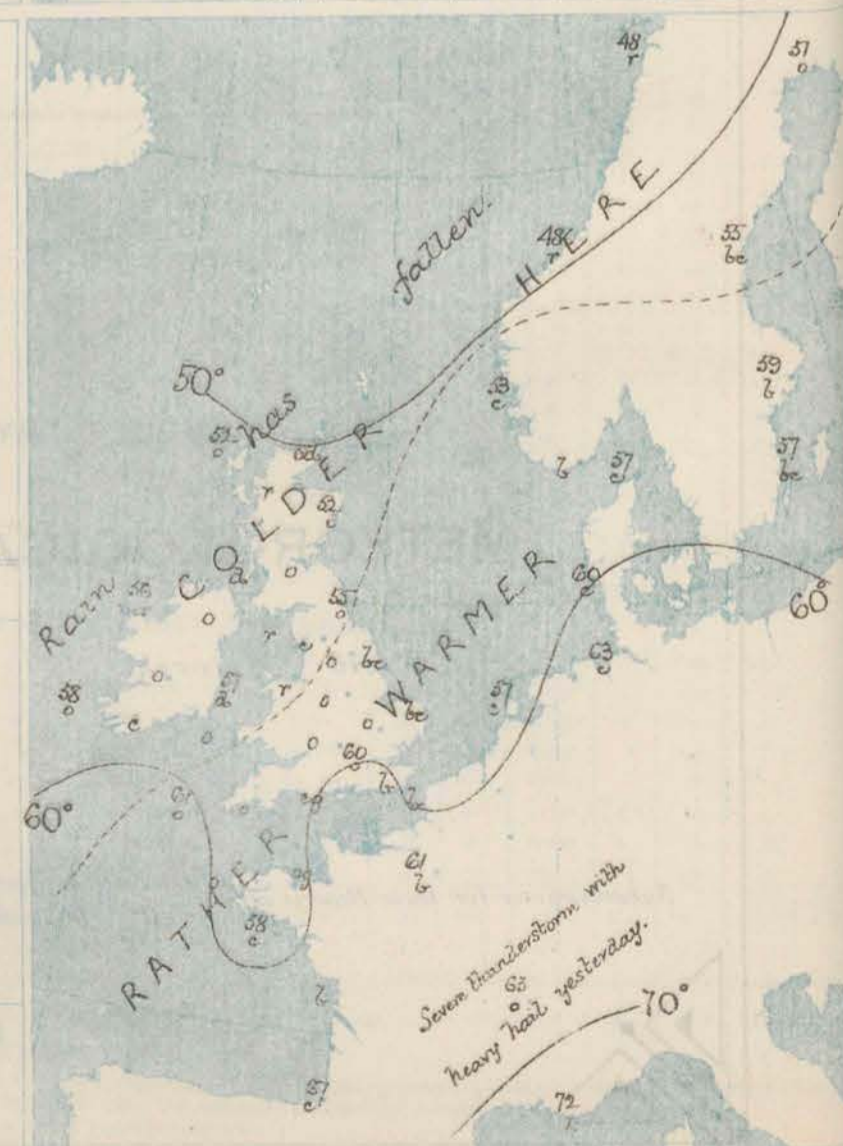
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of July

Stations	Temp.	Rain-fall
Sunderburgh Head	53.7	1.23
Stornoway	53.3	1.23
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullinglinere	60.2	1.01
Holyhead	61.0	1.01
Parsonstown	60.7	1.39
Valentia	61.4	1.86
Sally (St. Mary's)	60.2	1.39
Hurst Castle	62.8	1.01
Dover	62.7	1.13
LONDON	64.3	2.30
Yarmouth	62.5	2.39

* 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 July 22nd 1881, at 8 a.m.

During the past night considerable changes have occurred in pressure. Over Scandinavia a brisk increase has taken place and the depression noticed there yesterday, has passed away N^W, at the same time a fresh and rather deep depression has advanced to our NW. coasts occasioning a brisk fall of the barometer all over the United Kingdom while in France the mercury is rising and the anticyclone which on Thursday lay over Ireland and England is now shown over the N. of that country. The wind is W^{ly} over Ireland N^{ly} to S^{ly} over England and S^{ly} to SE^{ly} in Scotland, blowing freshly at several W^m stations but moderately in most other places. In Scandinavia the wind is W^{ly} and in S. France Easterly. Temperature has risen slightly except in Scotland and readings range from 62° at Yarmouth to 47° at Maun. The maxima yesterday were 74° at Nottingham, 78° in London and 70° at Hurst Castle and Cambridge. The weather is fine over the NE of France and on the E coast of England, dull elsewhere with rain in the N and NW. The Sea is rough at Scilly, Barrow-in-Furness and Newcastle.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

23rd JULY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE ^{ly} winds, veering to SW., fresh; dull, showery.	6 SCOTLAND WEST	SW ^{ly} and W ^{ly} winds, fresh; dull rainy.
2 SCOTLAND EAST	S ^{ly} to SW ^{ly} winds, moderate, then fresh; dull, showery, then fair.	7 ENGLAND N.W.	S ^{ly} to W ^{ly} winds, moderate and fresh; dull and rainy, then clearing.
3 ENGLAND N.E.	D ^o D ^o D ^o D ^o	8 ENGLAND S.W.	SW ^{ly} and W ^{ly} winds, fresh; some showers, then cloudy but fair.
4 ENGLAND EAST	SW ^{ly} breezes, light; cloudy, fine.	9 IRELAND NORTH	W ^{ly} winds, fresh, and veering somewhat; cloudy and showery, then fair and cool.
5 MIDLAND COUNTIES	S ^{ly} to SW ^{ly} breezes, light; dull, with occasional rain, then fair.	10 IRELAND SOUTH	D ^o D ^o D ^o
6 ENGLAND SOUTH	D ^o D ^o D ^o D ^o	WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR FRIDAY 22ND JULY 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 3).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.22	50	S	4	c	29.34	-1.8	51	50	-2	S	4	c	*	52	50	0.24		
Hernösand ...	29.30	54	Z	0	c	29.61	+2.4	55	50	0	W	4	bc	*	57	48	0.24		
Stockholm ...	29.53	60	W	6	b	29.70	+2.5	59	55	-6	W	2	b	*	70	59	—		
Wisby ...	29.62	62	W	6	b	29.77	+2.2	57	53	-7	W	6	bc	*	72	57	—		
Bodö ...	29.31	53	ENE	2	r	29.39	-0.2	48	48	-8	W	2	r	2	63	48	0.24		
Christiansund ...	29.56	51	W	6	r	29.73	+3.1	48	46	-5	SW	4	r	5	35	37	0.24		
†Skudesnaes ...	29.40	50	W	5	r	29.89	+3.6	53	48	-3	W	2	c	3	57	50	—		
Oxö (Xiansund) ...	29.68	53	W	7	b	29.85	+3.0	54	49	-4	W	6	b	3	63	48	—		
Skagen (The Skaw) ...	29.66	54	W	9	b	29.81	+2.3	57	50	-1	W	5	c	7	63	52	—		
Fanö ...	29.95	53	W	4	c	30.00	+2.2	60	54	0	W	4	c	*	63	50	—		
Cuxhaven ...	29.91	?	W	4	c	30.02	+2.0	63	57	-4	W	2	c	*	61	53	—		
†Sumburgh Head ...																			
†Stornoway ...	29.89	55	W	3	c	29.62	-3.0	52	51	+2	ESE	4	c	3	58	47	0.30		
Wick ...	29.92	52	S	1	c	29.69	-1.9	50	49	-6	S	4	bc	4	58	50	0.05		
Nairn ...	29.91	57	W	1	c	29.66	-2.7	47	46	-7	Z	0	r	1	62	47	0.42		
†Aberdeen ...	29.94	54	Z	0	c	29.71	-2.1	52	51	-4	SSE	3	r	3	63	49	0.23		
Leith ...	29.95	60	W	1	r	29.67	-3.1	56	52	0	SW	1	c	*	64	50	0.06		
†Shields ...	29.96	56	S	3	c	29.77	-2.2	55	52	+2	SSW	4	c	3	59	50	—		
Spurn Head ...	30.04	55	SE	4	c	29.90	-1.1	58	55	+3	SW	4	bc	3	60	54	—		
York ...	30.00	61	ESE	2	bc	29.87	-1.6	56	51	+4	S	2	c	*	66	51	—		
Nottingham ...	30.00	67	SSE	3	c	29.91	-1.3	59	54	+1	S	3	c	*	74	52	—		
†Ardrossan ...	29.97	56	SW	2	c	29.65	-3.7	55	55	-2	SW	5	d	4	62	52	0.16		
†Mullaghmore ...	29.92	57	SW	4	r	29.64	-4.2	56	55	+2	W	6	rm	5	59	50	0.05		
Donaghadee ...	29.98	55	SW	3	o	29.68	-3.8	57	56	+1	SW	2	c	0	62	52	0.03		
Parsonstown ...	29.98	58	SW	1	o	29.76	-3.5	57	56	+5	W	2	c	*	61	53	0.01		
Barrow-in-Furness ...	30.03	58	W	3	bc	29.81	-3.1	54	54	+3	S	5	r	5	60	52	0.08		
†Holyhead ...	30.03	57	W	3	o	29.79	-3.0	57	56	+3	SW	4	d	3	59	53	0.01		
Liverpool (Bidston) ...	30.01	58	W	1	c	29.83	-2.1	54	52	-1	SSE	2	r	2	62	51	0.02		
†Valentia ...	29.98	56	SE	5	*	29.87	-2.4	58	57	+2	W	4	c	4	60	55	0.16		
Roche's Point ...	30.01	56	W	3	o	29.85	-2.5	59	57	+5	W	4	c	4	61	52	0.25		
Pembroke ...	30.02	56	W	1	o	29.82	-2.2	58	58	+2	SW	5	c	3	58	54	0.03		
†Scilly ...	30.07	62	W	1	bc	29.96	-1.0	61	60	-1	SW	6	c	5	66	57	—		
Prawle Point ...	30.07	60	W	2	bc	30.01	-0.5	58	56	-4	W	4	c	3	64	51	—		
Hurst Castle ...	30.03	64	W	4	c	30.02	-0.2	60	58	+1	W	4	eg	3	70	51	—		
†Dover ...	30.12	60	E	3	b	30.01	+0.3	61	56	-1	SW	3	b	2	64	55	—		
†London ...	30.00	68	E	2	c	30.01	-0.3	60	54	+3	S	2	c	*	72	53	—		
Oxford ...	30.01	61	W	4	b	29.96	-0.8	56	52	+1	S	1	c	*	69	52	—		
Cambridge ...	30.03	68	N	1	b	29.95	-0.7	54	55	+3	SW	1	c	*	70	53	—		
†Yarmouth ...	30.04	60	NE	3	b	29.97	-0.2	62	56	+4	SSW	3	bc	2	63	52	—		
The Helder ...	30.02	58	NNE	1	c	30.01	+1.0	57	52	-3	S	1	c	1	63	52	—		
Cape Gris Nez ...	30.02	61	NE	4	b	30.08	+0.9	58	54	0	?	4	b	1	66	52	—		
†Jersey ...	30.08	63	N	3	b	30.10	+0.5	60	56	-3	W	3	eg	3	67	53	—		
Brest ...	30.12	62	N	4	b	30.11	+0.5	60	58	+1	W	4	c	2	66	55	—		
Lorient ...	30.02	70	W	3	c	30.10	+0.8	58	55	+2	N	3	c	1	77	52	—		
†Rochefort ...	29.99	71	W	4	bc	30.10	+1.9	63	61	+4	NE	4	b	2	75	54	—		
Biarritz ...	30.06	69	W	3	c	30.13	+2.2	67	61	-2	W	4	c	2	77	61	—		
Corunna ...	*	*	*	*	*			*						*	*	*	*		
Brussels ...	*	*	*	*	*	30.02	+0.7	59	54	-5	N	3	b	*	71	50	—		
Charleville ...	29.89	69	NE	4	bc	29.99	+1.0	59	53	-4	W	4	b	*	75	51	—		
Paris ...	29.95	71	NNE	3	c	30.14	+1.9	61	55	-1	W	1	b	*	*	*	—		
Lyons ...	29.93	64	W	7	c	30.06	+1.9	63	59	-8	W	4	c	*	95	61	0.55		
Toulon ...	29.87	77	S	4	m	29.92	+0.3	72	65	-6	W	5	b	5	86	70	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.76	56	W	1	b	28.59	-2.0	51	50	+2	S	3	c	*	61	45	0.02		

HIGH LEVEL STATION.

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

Hawes Junction	28.76	56	W	1	b	28.59	-2.0	51	50	+2	S	3	c	*	61	45	0.02
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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 ...	29.70	53	49	WNW	8	o	Valentia ...	30.06	58	54	S	4	o	4
Sumburgh Head							Scilly ...	30.07	65	58	ENE	4	6c	2
Stornoway ...	29.92	57	55	WNW	4	c	Dover ..	30.02	61	54	E	3	6	2
Aberdeen ...	29.94	56	52	S	2	c	London ...	30.00	68	54	NW	1	6	*
Shields ...	30.00	57	52	ESE	3	c	Yarmouth ...	30.03	63	54	NNE	4	6	2
Ardrossan ...	30.01	62	56	Z	0	c	Jersey ...	30.07	67	57	NNE	3	6	3
Mullaghmore ...	30.00	57	51	SW	3	or	Rochefort ...	29.97	66	61	NNW	5	o	2
Holyhead ...	30.08	58	54	NW	3	c	Ben Nevis (4406 ft.)	25.46	32	32	Z	0	osp	39 24

Pressure is not changing much, but is inclined to decrease in the extreme west, where the wind is S.W. and the sky overcast. Elsewhere the wind is variable and the weather fair.

EXPLANATION OF COLUMNS.

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

DAILY WEATHER REPORT

FOR

SATURDAY, 23RD JULY.

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 Saturday 23rd JULY 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.

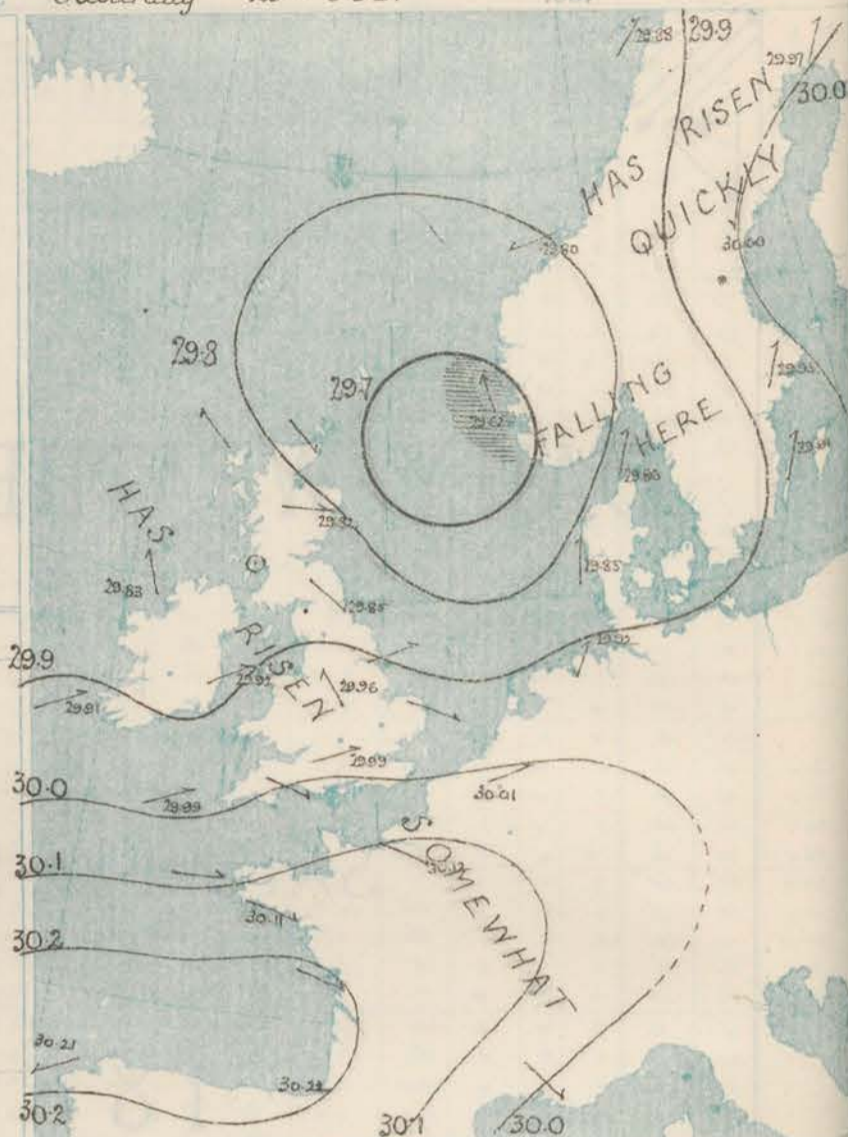
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
 * forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings Ins.
Nairn	29.885
Aberdeen	29.886
Leith	29.907
Scarborough	29.944
Ardrossan	29.933
Greenacastle	29.917
Holyhead	29.946
Valentia	29.965
Roches Pt.	29.910
Plymouth	30.000
LONDON	29.983
Yarmouth	29.976

* 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 July

Stations	Temp	Rain Fall
	°	ins.
Sundergh Head	58.7	1.23
Stornoway	55.7	1.20
Aberdeen	58.3	1.47
Shields	60.0	2.40
Lark	61.0	2.00
Mullaghmore	60.2	0
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valentia	61.1	3.88
Sally (St Mary's)	60.3	2.46
Hurst Castle	62.8	0
Dover	62.7	2.47
LONDON	64.3	2.30
Yarmouth	62.5	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 Saturday, July 23rd 1881, at 8 a.m.

The depression noticed off the N. coast of Scotland yesterday morning has since travelled slowly in an ENE^{ly} direction and its centre now lies near Skudeonæf; it is causing a fall of the barometer over Norway while in Sweden the mercury has continued to rise steadily and over Great Britain a recovery has commenced. In Ireland, however, a fresh fall has taken place and a new depression is appearing. The highest readings lie over the Southern part of the Bay of Biscay. South Easterly breezes are reported from our extreme North West coasts and Southerly to Easterly winds over Scandinavia but NW^{ly} to W^{ly} winds prevail generally. They are moderate or light except in S. Norway. Temperature has risen slightly and ranges from 66° at Nottingham to 53° at Wick. The maxima yesterday were everywhere below 70° and in the SE the highest reading in the 24 hours occurred this morning. The weather is moderately fine over Eastern and Central England dull elsewhere with rain and mist in the West. The Sea is moderate.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

24TH JULY

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	SE ^{ly} and E ^{ly} winds, moderate to light, dull, rain.
2	SCOTLAND EAST	NW ^{ly} to W ^{ly} breezes, light; then variable airs; fine, then dull, drizzle.
3	ENGLAND N.E.	D ^c D ^c D ^c D ^c
4	ENGLAND EAST	W ^{ly} and SW ^{ly} winds, light; cloudy, occasional rain.
5	MIDLAND COUNTIES	SE ^{ly} to W ^{ly} and NW ^{ly} winds, light; dull, occasional rain.
6	ENGLAND SOUTH	Same as N ^o 3.

6	SCOTLAND WEST	Variable to S ^{ly} winds, light; dull some rain.
7	ENGLAND N.W.	Variable to NW ^{ly} breezes, light; dull, showery.
8	ENGLAND S.W.	W ^{ly} winds, moderate and fresh; cloudy, then fair.
9	IRELAND NORTH	Same as N ^o 7
10	IRELAND SOUTH	Same as N ^o 8.
	WARNINGS	None Issued.

METEOROLOGICAL OBSERVATIONS FOR SATURDAY 23RD JULY 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 ...	29.66	53	SW	2	b	29.97	+ .63	53	45	+ 2	SW	4	b	*	59	50	—		
Hernösand ...	29.87	59	Z	0	c	30.00	+ .39	56	51	+ 1	NE	4	c	*	70	50	—		
Stockholm ...	29.64	54	SW	2	b	29.95	+ .25	64	57	+ 5	SSW	2	b	*	75	54	0.79		
Wisby ...	29.87	57	SW	4	b	29.91	+ .14	63	57	+ 6	SSW	4	b	*	66	54	—		
Bodö ...	29.69	46	WSW	4	o	29.88	+ .49	45	44	- 3	SW	4	r	3	48	45	0.28		
Christiansund ...	29.86	50	W	4	c	29.80	+ .07	51	47	+ 3	ENE	2	c	3	?	37	0.28		
†Skudesnäs ...	29.79	54	SE	6	o	29.62	— .27	56	55	+ 3	SSE	6	o	5	?	54	—		
Oxö (Xiämsund) ...	29.88	54	SW	4	c	29.76	— .09	55	54	+ 1	SSE	6	r	4	57	52	0.08		
Skagen (The Skaw) ...	29.89	55	WSW	4	b	29.86	+ .05	60	56	+ 3	SSW	4	o	3	63	52	—		
Fanö ...	29.94	50	W	2	b	29.85	— .15	61	59	+ 1	S	1	o	*	63	57	—		
Cuxhaven ...	30.01	?	W	1	c	29.92	— .10	61	59	- 2	?	3	o	*	64	55	—		
†Sumburgh Head ...																			
†Stornoway ...	29.70	53	N	3	o	29.81	+ .19	55	53	+ 3	SE	3	bc	2	57	38	—		
Wick ...	29.63	50	E	3	o	29.79	+ .10	53	52	+ 3	NW	4	cp	3	53	47	0.05		
Nairn ...	29.64	53	SW	3	o	29.82	+ .16	53	50	+ 6	SW	1	c	1	55	46	0.20		
†Aberdeen ...	29.86	58	NW	2	o	29.87	+ .11	54	50	+ 2	W	2	c	3	63	47	0.21		
Leith ...	29.62	60	W	1	bc	29.85	+ .18	56	52	0	W	1	c	2	64	47	0.02		
†Shields ...	29.65	64	W	4	o	29.85	+ .08	56	51	+ 1	NW	3	c	2	64	48	—		
Spurn Head ...	29.77	63	SSW	5	c	29.91	+ .01	57	54	- 1	WSW	4	bc	2	67	54	—		
York ...	29.75	61	SW	2	c	29.90	+ .03	57	52	+ 1	NW	1	bc	*	64	46	0.02		
Nottingham ...	29.84	63	S	3	o	29.96	+ .05	66	59	+ 7	SE	2	bc	*	67	47	—		
†Ardrossan ...	29.66	57	WNW	5	c	29.87	+ .22	56	52	+ 1	Z	0	c	0	60	50	—		
†Mullaghmore ...	29.83	59	WNW	5	c	29.83	+ .19	55	52	- 1	SSE	3	ag	2	61	52	0.01		
Donaghadee ...	29.76	61	WNW	4	bc	29.89	+ .21	57	54	- 1	SSW	2	o	0	64	49	0.03		
Parsonstown ...	29.86	63	WNW	1	b	29.89	+ .13	55	52	- 2	SE	1	r	*	65	49	—		
Barrow-in-Furness ...	29.72	60	SW	4	o	29.90	+ .09	55	52	+ 1	WNW	3	bc	3	61	52	0.28		
†Helyhead ...	29.80	62	WSW	3	c	29.92	+ .13	57	56	0	WSW	1	ag	0	63	53	—		
Liverpool (Bidston) ...	29.77	63	W	4	c	29.92	+ .09	57	54	+ 3	W	2	o	2	67	54	0.03		
†Valentia ...	29.94	59	W	2	o	29.9	+ .04	58	58	0	WSW	3	ag	4	63	56	0.03		
Roche's Point ...	29.87	58	NW	3	c	29.90	+ .05	60	58	+ 1	W	4	am	4	63	53	0.03		
Pembroke ...	29.86	59	WSW	4	c	29.91	+ .09	58	57	0	WSW	2	o	2	60	56	—		
†Scilly ...	29.97	64	W	5	c	29.99	+ .03	61	61	0	WSW	4	op	6	66	59	0.06		
Prawle Point ...	29.95	60	WSW	4	bc	30.07	00	59	59	+ 1	WSW	2	o	3	63	56	—		
Hurst Castle ...	29.92	61	W	6	c	30.01	— .01	62	59	+ 2	WNW	3	c	3	62	57	0.05		
†Dover ...	29.94	60	WSW	5	c	29.99	— .02	61	58	0	WSW	3	bc	2	65	58	0.06		
†London ...	29.99	64	SW	3	c	29.99	— .02	64	59	+ 4	WSW	1	c	*	64	55	0.05		
Oxford ...	29.88	61	WSW	3	bc	29.96	00	61	58	+ 5	WSW	1	bc	*	64	54	0.07		
Cambridge ...	29.95	62	S	2	c	29.95	00	60	58	+ 1	W	1	c	*	65	59	0.02		
†Yarmouth ...	29.87	60	SW	3	r	29.94	— .03	60	54	+ 2	WNW	3	b	2	67	54	0.03		
The Helder ...																			
Cape Gris Nez ...																			
†Jersey ...	30.07	60	WSW	3	o	30.10	00	61	61	+ 1	WSW	3	om	3	66	58	0.04		
Brest ...	30.07	60	W	4	o	30.10	— .01	61	60	+ 1	W	4	o	3	64	57	—		
Lorient ...	30.08	65	WNW	4	o	30.11	+ .01	64	61	+ 6	WNW	4	c	2	72	57	—		
†Rochefort ...	30.13	69	NW	5	b	30.20	+ .10	67	64	+ 4	WNW	4	o	2	75	61	—		
Biarritz ...	30.20	68	WNW	3	b	30.22	+ .09	67	60	0	SSW	4	b	2	73	59	—		
Corunna ...	*	*	*	*	*	30.21		65	*		ENE	2	b	2	*	*	*		
Brussels ...	*	*	*	*	*	30.01	— .01	63	58	+ 4	WSW	4	o	*	70	59	0.04		
Charleville ...	30.00	71	SW	8	c	30.05	+ .06	61	55	+ 2	SSE	4	o	*	77	58	—		
Paris ...	30.05	72	Z	0	c	30.12	— .02	63	61	+ 2	WNW	4	o	*	*	*	0.04		
Lyons ...																			
Toulon ...	29.91	74	W	8	b	29.96	+ .04	?	57	?	NW	?	?	?	?	?	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.50	55	W	3	o	28.66	+ .07	50	47	- 1	W	2	bc	*	54	41	0.13		

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

[illegible]

Pressure is increasing in the west and south west, but is decreasing in the east and south, and the depression seems to be passing right across. The weather is dull, with rain in some places, and fresh W to SW winds fore-cast.

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

SUNDAY, 24TH JULY

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.)

Printed by Dangerfield Loh & Co. Bedford St. Strand, London.

WEATHER CHARTS

for 8 a.m. on Sunday, 24th JULY.

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.

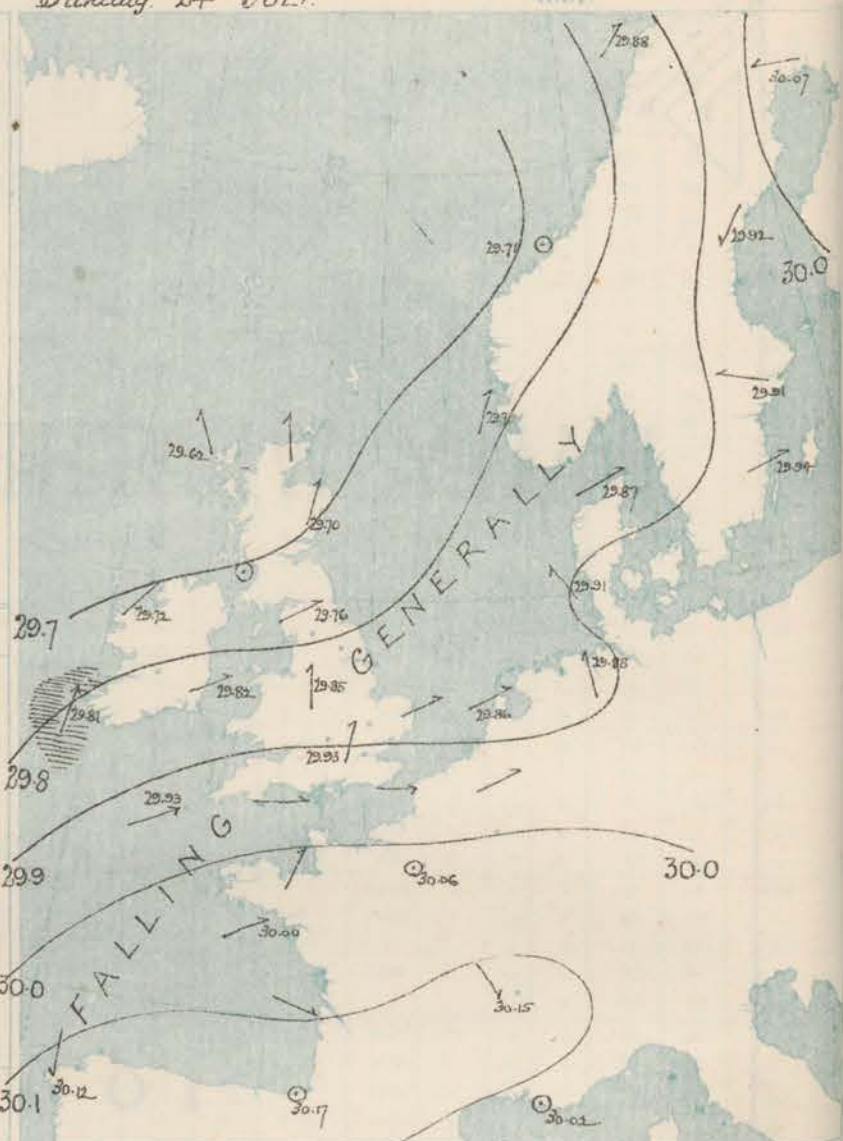
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; →→ force 8 to 10;
→→ force 5 to 7; →→ force 1 to 4;
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings in.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Searborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valentia	29.966
Roche's Pt.	29.970
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 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations.	Temp.	Rain-fall
Sandburgh Head	59.7	1.22
Stornoway	57.3	1.30
Aberdeen	58.9	2.45
Shields	60.0	2.40
York	61.0	2.70
Mullaghmore	60.2	2.70
Holyhead	61.2	1.63
Parsonstown	60.7	2.70
Valentia	61.1	2.40
Sally (St Mary's)	62.3	2.40
Hurst Castle	62.8	2.70
Dover	62.7	2.40
LONDON	64.2	2.40
Yarmouth	62.6	2.30

* 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... SUNDAY, 24TH JULY, 1881, at 8 a.m.

The weather over our Islands continues in an unsettled conditions. The Chart of this morning shows that a new depression has advanced from the Atlantic to the west coast of Scotland and that the barometer is falling steadily in all parts of the Kingdom. The wind remains SW over the greater part of England and Ireland, and S in Scotland, but at our most southern stations it is still W; in force it is light or moderate generally, but at Valentia and Scilly it blows with the strength of a fresh breeze. Temperature has risen a little in most places, and readings over our Islands at present range from 56° at Mullaghmore and 55° at Sligo and Parsonstown to 67° at Nottingham. The maxima registered yesterday were 71° at Oxford, 72° at Cambridge and in London, and 71° at Nottingham. The weather is exceedingly fine and bright over Sweden, and moderately fine in the east and south east of England, but elsewhere it is cloudy or overcast, with mist and a gloomy appearance at Mullaghmore. Rain fell in most places yesterday - heavily at Pwllheli. The sea is rather rough at Valentia, moderate or smooth elsewhere.

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

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

- NONE ISSUED -

- NONE ISSUED -

METEOROLOGICAL OBSERVATIONS FOR

24TH JULY

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	29.08	51	Z	0	b	29.07	+ .10	60	50	+ .7	P	2	b	*	?	48	-	
Hernösand	29.99	53	E	2	b	29.92	- .08	57	52	+ .1	E.N.E.	2	b	*	72	50	-	
Stockholm	29.95	56	S	2	b	29.91	- .04	64	59	0	S.E.	2	b	*	73	52	-	
Wisby	29.94	63	SSW	4	b	29.94	+ .03	65	59	+ .2	W.S.W.	4	b	*	68	50	-	
Bodö	29.69	46	W.S.W.	4	b	29.88	- .00	45	44	0	SW	4	n	3	48	45	0.28	
Christiansund	29.71	57	WSW	1	c	29.71	- .09	59	54	+ .8	Z	0	b	-	64	43	-	
†Skudesnaes	29.73	55	SSE	6	0	29.79	+ .17	55	52	- .1	SSW	2	0	4	57	55	-	
Oxö (Xtiansand)	29.79	55	SW	4	0	29.82	+ .06	57	55	+ .2	WSW	2	0	3	59	52	-	
Skagen (The Skaw)	29.85	57	WSW	3	0	29.87	+ .01	55	53	- .5	WSW	3	c	4	70	50	0.04	
Fanö	29.95	56	SW	1	c	29.91	+ .06	54	53	- .7	SE	2	n	*	64	59	0.24	
Cuxhaven	29.96	?	W	2	c	29.88	- .04	59	57	- .2	SSE	2	n	*	64	52	0.13	
†Sunburgh Head																		
†Stornoway	29.78	52	SSE	4	n	29.62	- .19	55	54	0	SSE	4	0	3	57	50	0.15	
Wick	29.82	54	N	2	0	29.67	- .12	56	54	+ .3	S	1	c	1	60	50	0.05	
Nairn																		
†Aberdeen	29.82	56	SSW	2	c	29.70	- .12	58	56	+ .4	SSW	2	c	1	62	50	-	
Leith	29.82	56	W	1	n	29.82	- .03	58	57	+ .2	SW	1	n	*	60	52	0.11	
†Shields	29.84	57	Z	1	0	29.76	- .09	60	56	+ .4	WSW	3	c	2	60	50	-	
Spurn Head	29.90	63	SW	1	c	29.87	- .04	62	58	+ .5	SSW	3	b	2	67	56	0.21	
York	29.87	61	W	1	0	29.82	- .08	62	58	+ .5	SSW	1	e	*	67	52	0.02	
Nottingham	29.86	63	S	2	0	29.85	- .11	67	63	+ .1	S	3	0	*	74	51	0.06	
†Ardrossan	29.83	55	S	2	n	29.70	- .17	57	56	+ .1	Z	0	0	0	58	53	0.13	
†Mullaghmore	29.80	59	W	2	0	29.72	- .11	54	52	- .1	SW	3	0	2	55	53	0.13	
Donaghadee	29.82	54	SE	3	c	29.74	- .15	58	56	+ .2	SW	3	0	1	58	54	0.07	
Parsonstown	29.84	56	SW	1	b	29.82	- .07	55	53	0	WSW	2	0	*	68	53	0.07	
Barrow-in-Furness	29.87	56	ESE	2	0	29.80	- .10	58	57	+ .5	-	2	0	3	58	54	0.04	
†Holyhead	29.86	60	SW	2	n	29.82	- .10	58	57	+ .1	WSW	3	0	2	61	55	0.07	
Liverpool (Bidston)	29.85	57	W	1	n	29.82	- .10	59	58	+ .2	S	1	0	1	62	54	0.17	
†Valentia	29.91	62	WSW	2	0	29.81	- .10	57	55	- .1	SSW	5	0	5	63	53	0.02	
Roche's Point	29.87	60	WSW	3	c	29.86	- .04	57	54	- .3	WSW	4	c	4	62	52	0.07	
Pembroke	29.88	58	WSW	3	n	29.84	- .07	58	57	0	WSW	4	0	2	61	56	0.11	
†Scilly	29.96	62	WSW	5	f	29.93	- .06	60	57	- .1	WSW	5	0	4	66	57	0.05	
Prawle Point	29.99	60	WSW	3	n	29.94	- .07	59	59	0	WSW	3	0	3	65	58	0.60	
Hurst Castle	29.97	62	WSW	5	b	29.93	- .08	63	61	+ .1	W	3	0	3	66	59	-	
†Dover	29.98	63	WSW	4	b	29.94	+ .05	61	60	0	WSW	3	0	2	67	60	0.02	
†London	29.95	67	SW	2	c	29.93	- .06	66	60	+ .2	SSW	4	0	4	72	59	-	
Oxford	29.91	62	SW	3	0	29.88	- .08	62	60	+ .1	WSW	1	0	*	71	59	0.02	
Cambridge	29.89	64	SW	1	n	29.87	- .08	64	62	+ .4	SW	1	0	*	72	53	0.12	
†Yarmouth	29.91	66	SW	1	c	29.89	- .05	63	59	+ .3	WSW	2	b	1	68	55	0.08	
The Helder	29.96	62	SW	2	b	29.86	- .03	62	59	0	WSW	4	c	2	66	61	0.04	
Cape Gris Nez	30.00	63	SW	5	c	29.99	- .01	61	60	0	W	5	f	4	66	59	-	
†Jersey	30.09	63	W	3	b	30.02	- .08	63	61	+ .2	SW	4	0	3	69	59	-	
Brest	30.13	62	WSW	3	0	30.01	- .09	61	59	0	W	3	0	2	66	57	0.08	
Lorient	30.10	65	W	3	n	30.00	- .11	64	62	0	WSW	4	0	2	72	59	-	
†Rochefort	30.17	72	WSW	5	c	30.08	- .12	68	64	+ .1	WSW	4	0	2	77	63	-	
Biarritz	30.18	71	WSW	3	b	30.14	- .05	70	62	+ .3	Z	0	b	2	73	61	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville	30.04	70	SW	4	c	30.01	- .04	66	59	+ .5	SSW	4	c	*	76	58	-	
Paris	30.05	74	SSW	1	b	30.06	- .06	67	62	+ .2	Z	0	0	*	*	*	-	
Lyons	30.10	75	WSW	3	b	30.15	- .02	66	60	?	WSW	1	b	*	80	59	-	
Toulon	29.95	75	WSW	3	b	30.02	+ .06	78	64	?	Z	0	b	1	84	68	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.64	52	SW	1	c	28.57	- .09	55	54	+ .5	SW	2	n	*	56	49	0.04	

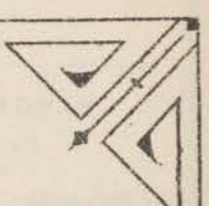
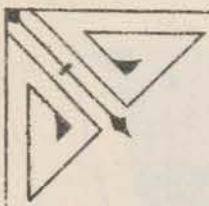
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.72	57	54	S	4	b	Valentia	29.90	61	59	SW	3	0
Sunburgh Head							Scilly	29.99	65	62	WSW	4	0
Stornoway	29.80	56	55	SE	3	b	Dover	30.01	64	61	WSW	3	0
Aberdeen	29.84	61	54	WSW	2	0	London	29.97	67	62	SW	2	0
Shields	29.86	58	54	Z	0	0	Yarmouth	29.96	68	58	WSW	1	0
Ardrossan	29.86	55	53	SW	2	0	Jersey	30.10	67	63	WSW	2	0
Mullaghmore	29.80	62	60	WSW	3	0	Rochefort	30.05	72	66	W	4	0
Holyhead	29.89	59	57	SSW	2	d							

Pressure is scarcely changing, readings remaining highest over France and relatively low off our NW and NE coasts. The wind is light or moderate from the W⁴ and the weather dull except on our extreme SE. coasts. Temperature ranges from 68° at Yarmouth to 36° 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

MONDAY, 25TH JULY.

1881.

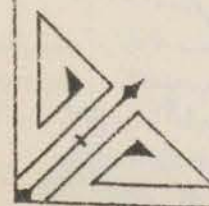
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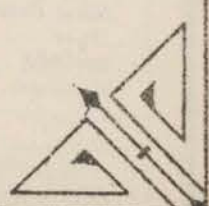
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ROBERT H. SCOTT

(SECRETARY.)



Fred^s Dangerfield, Lich 22 Bedford St Covent Garden.

WEATHER CHARTS

for 8 a.m. on Monday 25th JULY 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.

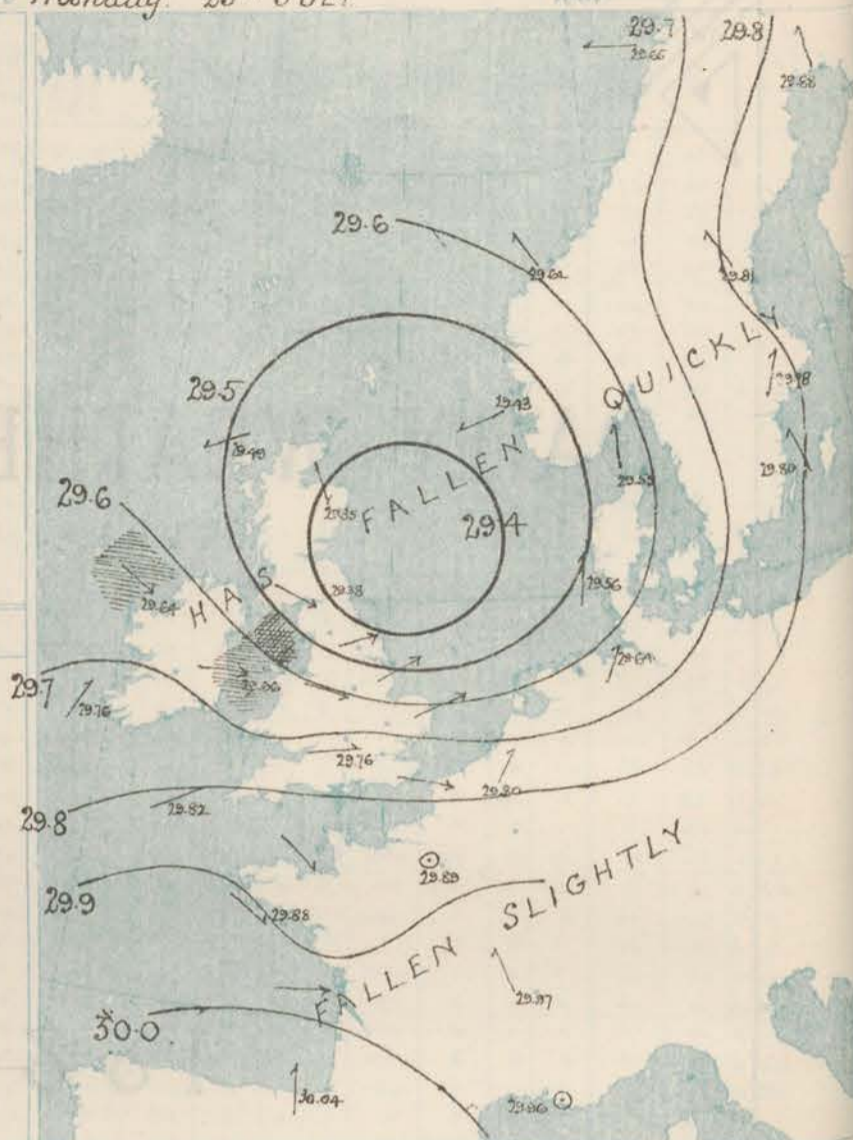
Sea Disturbance; where considerable, is shown, by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings
	Inch.
Nairn	29.563
Aberdeen	29.556
Leith	29.507
Scarborough	29.541
Ardrossan	29.523
Greenock	29.517
Holyhead	29.506
Valentia	29.565
Roche's Pt.	29.576
Plymouth	30.000
LONDON	29.983
Wormouth	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 0.5 in. or more are quoted in figures.

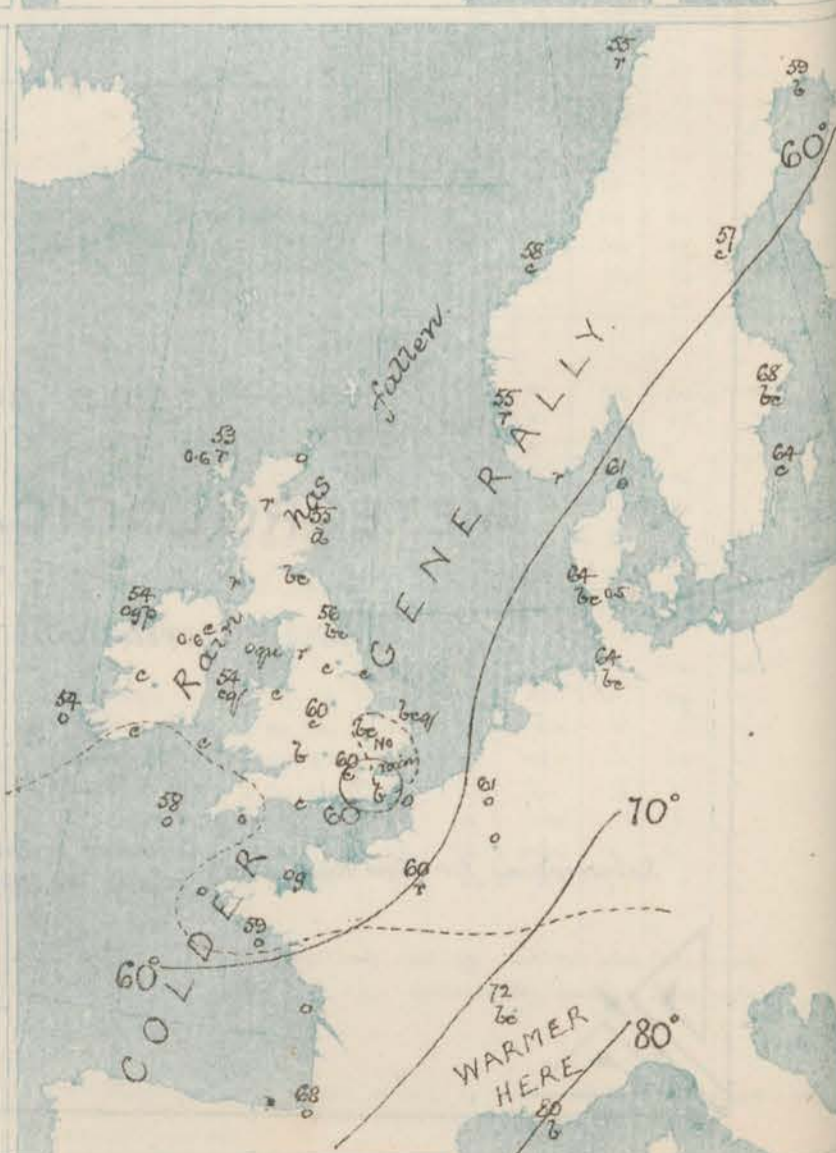
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations	Temp	Rain-fall
	°	inches
Sandbury Head	53.7	1.23
Stornoway	53.3	1.20
Aberdeen	56.3	2.47
Shetlands	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	—
Holyhead	61.0	1.03
Parsonstown	60.7	2.79
Valentia	61.1	0.88
Sally (St Mary's)	63.4	2.49
Hurst Castle	62.8	—
Dover	62.7	2.03
LONDON	63.3	2.30
Wormouth	62.5	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 MONDAY, 25TH JULY 1881 at 8 a.m.

The weather remains in a very unsettled state. A well marked depression lies off our north-east coasts, while a second seems to be approaching the west of Ireland. The mercury is falling in all parts of Western Europe, the change being greatest in the east of England, but comparatively high pressures are reported from the Baltic and the south of France. The wind circulates round the disturbance, blowing from E in Norway and North Scotland from NW on our extreme north-west coasts, from W over nearly the whole of England, Ireland and France and from S over the North Sea, while at Valencia it is backing to SW. Over the greater part of England the wind is strong or fresh, and during the past night it rose to a gale for a very short time on our north-west and north-east coasts. The weather is fine over the east of England, cloudy or dull elsewhere, with rain over Scotland and the north of Ireland. Some rain has fallen generally. The thermometer has fallen, and readings range from 63° at Dover to 53° at Stornoway and 51° at Valencia. The maximum yesterday exceeded 70° over south eastern and central England, but varied between 58° and 68° elsewhere. The sea is rough in the north west.

FORECASTS

for the 24 hours ending at Noon
on the

26TH JULY.

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

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

E^h breezes, light; dull, rain.

6 SCOTLAND
WEST

NW^h winds to variable breezes;
dull, misty rain.

2 SCOTLAND
EAST

N^h breezes, light, or variable air; dull,
unsettled, rain.

7 ENGLAND
N.W.

W^h winds, strong to moderate; fair,
then dull and showery.

3 ENGLAND
N.E.

NW^h and W^h winds, strong, then light;
fair to dull and rain.

8 ENGLAND
S.W.

W^h to NW^h winds, strong, perhaps a gale,
dull and rainy, then fair.

4 ENGLAND
EAST

SW^h to NW^h winds, moderate and fresh,
fair to dull and rain.

9 IRELAND
NORTH

W^h and NW^h winds, strong; unsettled,
showery, cool.

5 MIDLAND
COUNTIES

W^h winds, strong to light; cloudy,
showery.

10 IRELAND
SOUTH

— — — — —

6 ENGLAND
SOUTH

SW^h to W^h winds, fresh and strong,
fair and warmer, then cool and
showery.

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR

25th JULY

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 3).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.92	58	S	1	b.c.	29.88	-1.9	59	50	-1	S	2	b	*	72	45	-		
Hernösand ...	29.89	52	S	2	b	29.81	-1.1	57	56	0	SSE	2	c	*	72	45	0.04		
Stockholm ...	29.85	59	S	2	c	29.78	-1.3	68	60	+4	S	2	b.c.	*	75	54	-		
Wisby ...	29.89	60	S	4	c	29.80	-1.4	64	60	-1	SSE	4	c	*	75	46	-		
Bodö ...	29.75	59	E	2	0	29.65	-2.3	55	52	+10	E	2	N	1	63	?	0.01		
Christiansund ...	29.73	57	N	5	c	29.62	-0.9	58	56	-1	SE	1	c	1	59	45	0.08		
†Skudesnaes ...	29.75	55	SSE	1	c	29.42	-3.7	55	53	0	ENE	4	N	3	59	55	-		
Oxö (Xiänsund) ...	29.78	56	NNE	1	0	29.49	-3.3	56	56	-1	E	6	N	4	61	54	0.16		
Skagen (The Skaw) ...	29.80	59	SE	3	c	29.55	-3.2	61	59	+6	S	4	0	4	70	55	0.16		
Fanö ...	29.76	59	SSE	1	0	29.56	-3.5	64	60	+10	S	2	b.c.	*	66	52	0.47		
Cuxhaven ...	29.88	?	WNW	2	c	29.64	-2.4	64	62	+5	SW	4	b.c.	*	68	57	0.36		
†Sumburgh Head ...	29.63	55	E	3	N	29.49	-1.3	53	53	-2	ENE	2	N	1	58	51	0.58		
†Stornoway ...	29.83	55	ENE	2	0	29.44	-2.3	54	53	-2	E	2	0	2	61	51	0.18		
Wick ...	29.49	56	Z	0	N	29.42	-	54	53	-	Z	0	N	0	61	52	0.23		
Nairn ...	29.54	55	SSW	1	c	29.35	-3.5	55	54	-3	NNW	1	d	1	63	51	0.22		
†Aberdeen ...	29.51	57	SE	1	c	29.42	-4.0	60	55	+2	NW	1	b.c.	*	60	51	0.05		
Leith ...	29.65	63	WSW	3	0	29.38	-3.8	56	54	-4	WNW	6	b.c.	2	68	46	0.26		
†Shields ...	29.66	65	SW	5	b.c.	29.50	-3.7	56	54	-6	WSW	6	c	4	69	52	0.08		
Spurn H. ...	29.61	66	SW	3	b.c.	29.50	-3.2	57	53	-5	W	6	c	*	70	48	0.17		
York ...	29.65	65	SSW	4	b	29.63	-2.2	60	55	-7	WNW	6	c	*	71	48	0.19		
Nottingham ...	29.47	58	SSW	2	c.p.	29.49	-2.1	57	55	0	WNW	3	0	2	61	52	0.11		
†Ardrossan ...	29.59	55	WNW	6	e	29.64	-0.8	54	53	0	WNW	6	opg	5	58	52	0.39		
†Mullaghmore ...	29.52	50	WNW	3	N	29.58	-1.6	56	55	-2	W	4	c	2	60	50	0.60		
Donaghadee ...	29.70	56	N	5	0	29.72	-1.0	56	52	+1	W	2	c	*	61	46	0.28		
Parsonstown ...	29.56	54	WSW	6	0	29.54	-2.6	55	52	-3	WSW	6	opg	7	61	52	0.08		
Barrow-in-Furness ...	29.66	57	WSW	5	b.p.	29.66	-1.6	54	52	-4	W	6	cq	5	63	51	0.11		
†Holyhead ...	29.63	54	WSW	6	b	29.59	-2.3	55	52	-4	W	6	c	6	62	50	0.05		
Liverpool (Bidston) ...	29.85	59	WNW	5	b.c.	29.76	-0.5	54	52	-3	SW	2	0	3	62	50	0.14		
†Valentia ...	29.86	58	W	4	c	29.75	-1.1	56	52	-1	W	3	c	3	61	48	-		
Roche's Point ...	29.73	58	W	5	b	29.71	-1.3	55	51	-3	W	5	c	3	60	54	0.06		
Pembroke ...	29.88	60	WNW	6	0	29.82	-1.1	58	55	-2	WSW	4	0	4	66	56	-		
†Scilly ...	29.86	59	SW	5	c	29.82	-1.2	56	52	-3	WSW	4	0	4	62	50	-		
Prawle Point ...	29.84	61	W	7	c	29.78	-1.5	53	52	-5	NNW	5	c	4	67	55	0.02		
Hurst Castle ...	29.81	62	WSW	5	opg	29.75	-1.9	63	56	+2	W	3	b	2	64	50	-		
†Dover ...	29.80	64	S	4	c	29.76	-1.7	60	52	-6	W	3	c	*	71	51	0.05		
†London ...	29.76	58	SW	4	c	29.72	-1.6	57	52	-5	WSW	3	b	*	69	50	0.01		
Oxford ...	29.72	67	SW	2	c	29.70	-1.7	57	52	-7	W	3	b.c.	*	72	47	-		
Cambridge ...	29.72	67	SSW	3	b.c.	29.63	-2.6	58	52	-5	WSW	6	b.c.	2	70	50	0.02		
†Yarmouth ...	29.75	64	SSW	4	c	29.62	-2.4	60	53	-2	SW	4	c	3	68	59	-		
†The Helder ...	29.87	62	WSW	5	c	29.77	-2.2	58	54	-3	WNW	7	0	4	68	57	0.04		
Cape Gris Nez ...	29.97	61	W	5	0	29.89	-1.3	58	54	-5	NW	3	opg	3	67	55	0.05		
†Jersey ...	29.98	63	W	3	0	29.90	-1.1	59	57	-2	NNW	1	0	3	66	57	0.03		
Brest ...	30.00	66	WNW	5	b.c.	29.88	-1.2	59	57	-5	NW	3	0	2	72	57	0.12		
Lorient ...	30.08	70	WNW	5	0	29.97	-1.1	68	64	0	W	5	0	2	75	63	-		
†Rochefort ...	30.10	71	N	4	b	30.04	-1.3	68	64	-2	S	3	0	1	75	62	-		
Biarritz ...	*	*	*	*	*	30.05	*	67	*	*	SE	1	0	2	*	*	*		
†Corunna ...	29.90	74	SW	5	c	29.76	-2.5	61	57	-5	SSW	3	0	*	76	58	0.08		
Brussels ...	29.91	61	SSW	3	b.c.	29.89	-1.7	60	59	-7	Z	0	N	*	*	*	0.32		
Charleville ...	29.99	82	N	1	c	29.97	-1.8	72	63	+6	SSE	1	c	*	87	64	-		
Paris ...	30.00	82	SW	3	0	29.96	-0.6	80	66	+2	Z	0	b	2	90	73	-		
Lyons ...																			
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.55	57	WSW	2	0	28.27	-3.0	49	49	-6	W	4	N	*	58	44	0.78		

HIGH LEVEL STATION.

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

Hawes Junction	29.55	57	WSW	2	0	28.27	-3.0	49	49	-6	W	4	N	*	58	44	0.78
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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 ...						Valentia ...					
Sumburgh Head ...						Scilly ...					
Stornoway ...						Dover ...					
Aberdeen ...						London ...					*
Shields ...						Yarmouth ...					
Ardrossan ...						Jersey ...					
Mullaghmore ...						Rochefort ...					
Holyhead ...											

EXPLANATION OF COLUMNS.

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

FOR

TUESDAY, 26TH JULY.

1881.

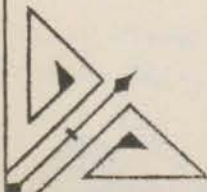
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ROBERT H. SCOTT
(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on TUESDAY, 26TH JUNE.

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.

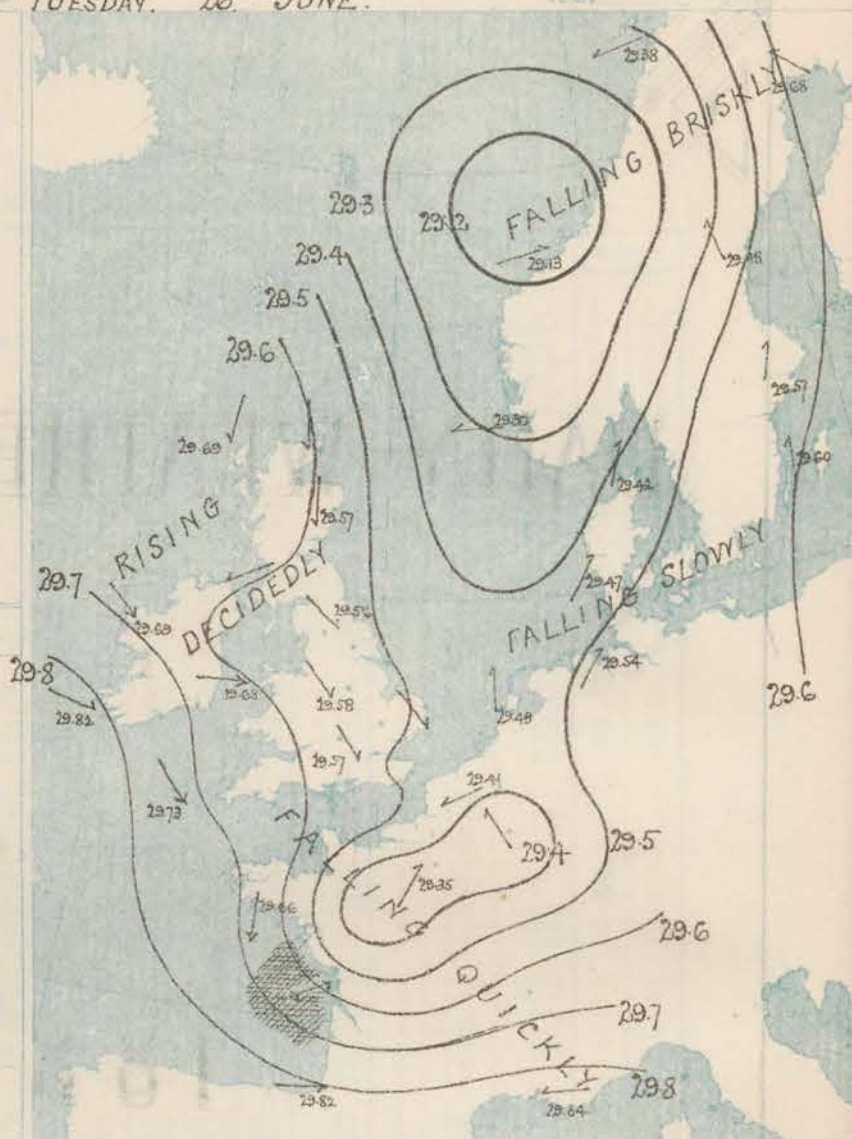
Sea Disturbance, where considerable, is shown by shading round the coast: thus: → Rough; → High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings for
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.944
Ardrossan	29.922
Greenock	29.917
Holyhead	29.946
Valentia	29.965
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.993
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 0.5 in. or more are quoted in figures.

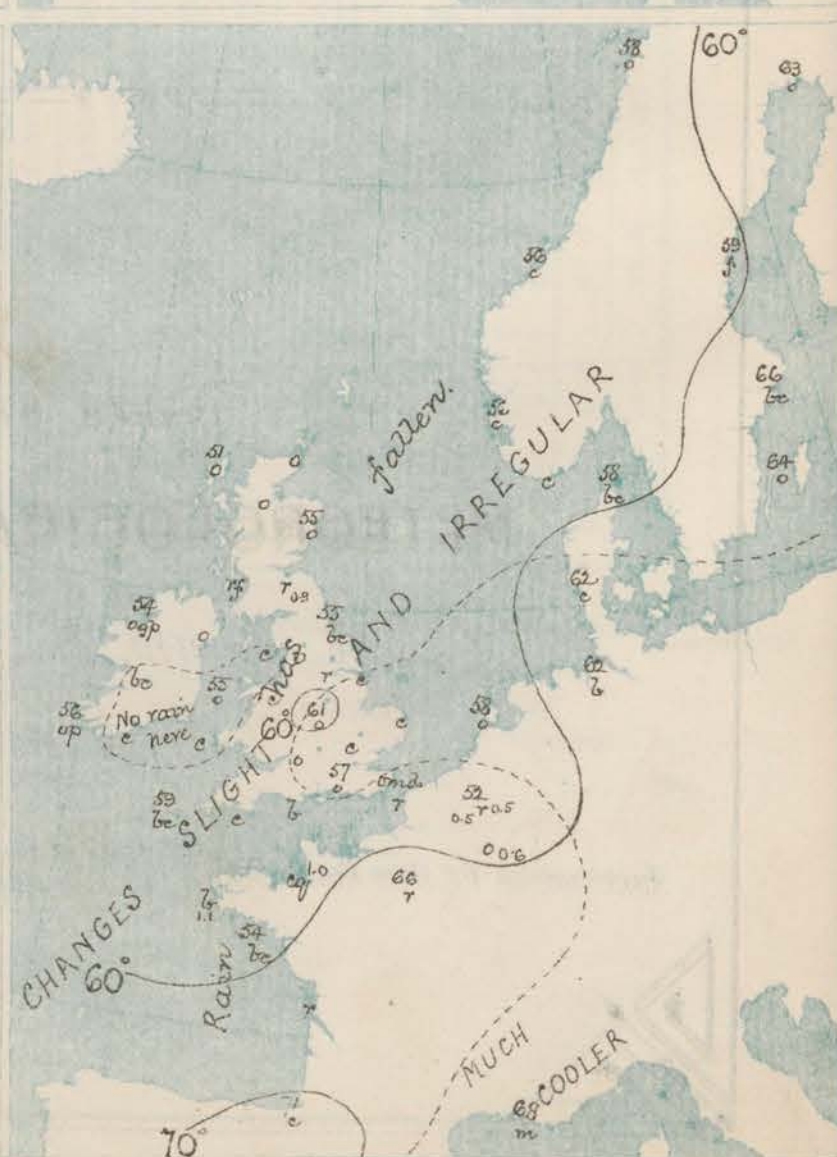
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations.	Temp.	Rain-fall
Sunderburgh Head	53.7	1.23
Sherwood	55.3	1.23
Aberdeen	56.3	1.41
Shields	60.0	2.10
York	61.0	2.06
Malborough	60.2	1.01
Holyhead	61.0	1.01
Farnmouth	60.7	2.79
Valentia	61.7	1.88
Sally (St. Mary's)	63.3	2.44
Hurst Castle	62.8	1.01
Dover	62.7	2.09
LONDON	63.3	2.30
Yarmouth	62.5	2.09

* 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 TUESDAY 26TH JULY 1887 at 8 a.m.

Two well-marked depressions are shown this morning. That which lay off our north-east coasts yesterday has passed on NE^W, and now lies near Christiansund, while a second which was formed at the mouth of the Channel last evening has travelled in a due E^{ly} direction, and after having grown very much deeper now lies over Paris. The barometer is consequently falling all over Sweden and the north of Norway, as well as at the French stations and over the south east of England, while over all our western and northern districts a recovery has commenced. A small subsidiary depression lies over the Irish Sea, and the wind is W^{ly} in North Wales, but is NW^{ly} and N^{ly} on all our other coasts and over the Channel. In the south and east of France it is W^{ly} to SW^{ly}, while it is SW^{ly} to SE^{ly} over Scandinavia. A gale is blowing at Rochefort. The weather is fair on our south coast, dull elsewhere, with rain at Leith, Ardara, in the west of Ireland, and over France. Temperature has not changed much, and ranges from 61° at Nottingham to 51° in north Scotland. The maxima yesterday were below 70° everywhere, and below 65° generally. The sea is moderate to smooth except at Rochefort.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

27TH JULY

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

N^{ly} breezes, light; cloudy, fair, cool.

2 SCOTLAND EAST

— — — — —

3 ENGLAND N.E.

NE^{ly} and NW^{ly} breezes, moderate but gusty at times; showery.

4 ENGLAND EAST

N^{ly} and NW^{ly} winds, light; cloudy, some rain.

5 MIDLAND COUNTIES

W^{ly} and NW^{ly} or N^{ly} breezes, light; cloudy, cool, still unsettled.

6 ENGLAND SOUTH

— — — — —

DISTRICTS

FORECASTS

6 SCOTLAND WEST

NW^{ly} winds, moderate; showery.

7 ENGLAND N.W.

W^{ly} varying to NW^{ly} winds, moderate; cloudy, showery.

8 ENGLAND S.W.

NW^{ly} to W^{ly} winds, moderate and fresh; fair, then showery.

9 IRELAND NORTH

NW^{ly} winds, backing, moderate clouds, unsettled; showery.

10 IRELAND SOUTH

— — — — —

WARNINGS

none issued.

METEOROLOGICAL OBSERVATIONS FOR

26th JULY

1881.

+ YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETRE.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force, (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.79	58	2	0	b	29.68	-1.20	63	51	+4	SE	4	0	*	66	52	-		
Hernösand	29.64	54	NE	4	0	29.46	-1.33	59	57	+2	SSE	4	f	*	73	45	0.28		
Stockholm	29.57	61	S	2	n	29.57	-1.21	66	57	-2	SSW	4	bc	*	73	55	0.04		
Wisby	29.63	62	SW	6	λ	29.60	-1.20	64	60	0	S	2	0	*	79	52	0.08		
Bodö	29.60	55	2	0	b	29.38	-1.24	59	53	+3	ENE	4	0	2	?	50	0.08		
Christiansund	29.36	58	NNE	3	0	29.13	-1.49	56	54	-2	WSW	3	c	2	63	46	0.24		
†Skudesnaes	29.25	54	N	4	λ	29.30	-1.10	56	53	+1	E	2	c	2	59	54	-		
Oxö (Xiansund)	29.25	56	SSE	6	0	29.35	-1.14	58	55	+2	SSW	6	c	4	61	53	0.16		
Skagen (The Skaw)	29.40	58	SSW	4	λ	29.42	-1.13	58	54	-3	SSW	4	bc	4	66	52	0.35		
Fanö	29.49	59	SSW	6	0	29.47	-1.09	62	58	-2	SSW	4	c	*	66	57	-		
Cuxhaven	29.59	?	WSW	5	b	29.54	-1.10	62	59	-2	SW	3	b	*	66	54	-		
†Sumburgh Head																			
†Stornoway	29.54	55	ENE	3	0	29.69	+1.20	51	46	-2	NNE	4	0	4	56	47	0.10		
Wick	29.48	58	NNE	4	bc	29.61	+1.17	51	49	-3	N	3	0	3	60	45	0.02		
Nairn	29.51	53	2	0	λ	29.62	+1.20	51	50	-3	NNE	2	0	2	56	50	0.15		
†Aberdeen	29.46	59	N	2	2	29.57	+1.22	55	52	0	N	2	0	2	60	49	0.04		
Leith	29.49	52	N	1	λ	29.60	+1.18	53	52	-1	N	1	λ	*	60	50	0.92		
†Shields	29.26	57	ENE	3	0	29.56	+1.18	55	52	-1	NE	4	bc	3	62	50	0.20		
Spurn Head	29.51	62	SW	5	b	29.52	+1.02	56	55	0	WSW	4	c	3	64	53	-		
York	29.54	60	W	4	bc	29.57	+1.07	53	52	-4	NNW	1	λ	*	68	50	0.15		
Nottingham	29.59	61	WSW	3	c	29.58	-1.05	61	56	+1	NW	3	c	*	66	48	-		
†Ardrossan	29.52	57	WNW	4	comp	29.60	+1.11	55	53	-2	ENE	1	nf	1	62	49	0.04		
†Mullaghmore	29.64	57	NNW	4	0	29.69	+1.05	54	52	0	NW	5	opq	4	61	52	0.05		
Donaghadee	29.58	57	N	3	bc	29.58	0.00	53	53	-3	N	4	0	2	62	52	0.21		
Parsonstown	29.65	58	NW	1	λ	29.73	+1.01	56	52	0	NW	1	bc	*	63	45	-		
Barrow-in-Furness	29.59	59	WSW	5	bc	29.55	+1.01	55	53	0	W	4	c	4	62	54	-		
†Holyhead	29.62	61	WSW	3	c	29.63	-1.03	55	53	+1	W	5	0	3	63	53	-		
Liverpool (Bidston)	29.59	59	W	4	c	29.59	0.00	56	53	+1	W	4	c	3	61	53	0.03		
†Valentia	29.67	58	NNW	4	c	29.82	+1.06	56	53	+2	WNW	3	op	3	63	52	0.05		
Roche's Point	29.68	57	WNW	3	bc	29.78	+1.03	56	52	0	NW	3	c	3	62	49	-		
Pembroke	29.62	56	W	2	c	29.65	-1.06	55	52	0	NW	4	c	2	61	53	-		
†Scilly	29.59	55	ENE	5	λ	29.73	-1.09	59	56	+1	NW	6	bc	4	59	53	0.44		
Prawle Point	29.64	54	SSE	3	λ	29.66	-1.16	60	57	+4	NW	3	c	2	60	48	0.28		
Hurst Castle	29.68	58	W	6	c	29.59	-1.19	57	54	-1	NNW	2	b	3	66	52	0.04		
†Dover	29.66	61	WSW	4	bc	29.49	-1.26	64	53	-9	NNW	1	ond	0	66	53	0.12		
†London	29.64	62	WSW	2	0	29.57	-1.19	57	52	-3	NW	2	0	*	69	53	-		
Oxford	29.63	58	W	1	b	29.58	-1.14	56	52	-1	WNW	3	0	*	65	49	-		
Cambridge	29.62	60	SW	1	bc	29.53	-1.17	56	54	-1	N	1	c	*	64	49	-		
†Yarmouth	29.61	63	NW	2	bc	29.51	-1.12	58	54	0	NW	1	c	2	65	51	-		
The Helder	29.59	61	SW	2	0	29.49	-1.19	58	54	-2	S	1	0	1	66	55	-		
Cape Gris Nez	29.70	59	WSW	5	0	29.50	-1.24	55	54	-3	NNW	5	λ	4	63	52	0.20		
†Jersey	29.74	54	SSE	1	oma	29.68	-1.21	59	56	+1	NW	4	cq	4	61	51	0.97		
Brest	30.01	57	S	4	λ	29.74	-1.16	56	53	-3	NW	5	b	4	61	52	1.10		
Lorient	29.67	60	SSW	3	λ	29.66	-1.22	54	53	-5	N	7	bc	4	72	54	1.14		
†Rochefort	29.83	57	W	7	λ	29.62	-1.35	67	65	-1	WSW	9	λ	7	73	63	0.16		
Biarritz	29.82	76	E	3	c	29.82	-1.22	71	67	+3	W	5	c	2	82	66	-		
Corunna	*	*	*	*	*			*	*					*	*	*			
Brussels	*	*	*	*	*	29.41	-1.39	52	51	-9	ENE	3	λ	*	68	50	0.51		
Charleville	29.71	60	SSW	4	0	29.41	-1.35	58	57	-3	SE	4	0	*	64	55	0.63		
Paris	29.76	61	WSW	1	b	29.35	-1.54	66	63	+6	SW	3	λ	*	*	*	0.35		
Lyons																			
Toulon	29.29	77	W	3	bc	29.84	-1.12	68	67	-12	E	4	m	3	88	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.33	54	W	4	0	28.36	+1.09	49	49	0	NNW	2	0	*	57	47	0.07		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.36	59	57	2	0	3	Valentia ...	29.69	62	56	NW	1	0	2
Sumburgh Head							Scilly ...	29.70	55	54	SE	3	N	4
Stornoway ...	29.52	56	56	ENE	4	2	Dover ..	29.70	63	57	WSW	5	c q	3
Aberdeen ...	29.43	58	55	N	3	0	London ...	29.69	65	56	WSW	3	0	*
Shields ..	29.44	61	57	WNW	4	N	Yarmouth ...	29.64	63	54	W	4	bc	2
Ardrossan ...	29.51	61	57	WNW	4	bc	Jersey ...	29.84	56	54	W	2	N	2
Mullaghmore ...	29.64	55	54	NW	4	comp	Rochefort ...	29.90	73	68	W	7	0	4
Holyhead ...	29.65	62	57	SW	5	0	Brest (4406 F) 29.5-03 40 40 2 0 N							

The barometer is falling all over the S^t and SW^t parts of the Kingdom and the wind has backed to SE. at Scilly, with rain. Elsewhere the barometer is rising, but the weather is cloudy and showery except at Yarmouth. Temperature ranges from 65° in London to 55° at Mullaghmore.

EXPLANATION OF COLUMNS.

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

WEDNESDAY, 27TH JULY.

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 Wednesday, 27th JULY.

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.

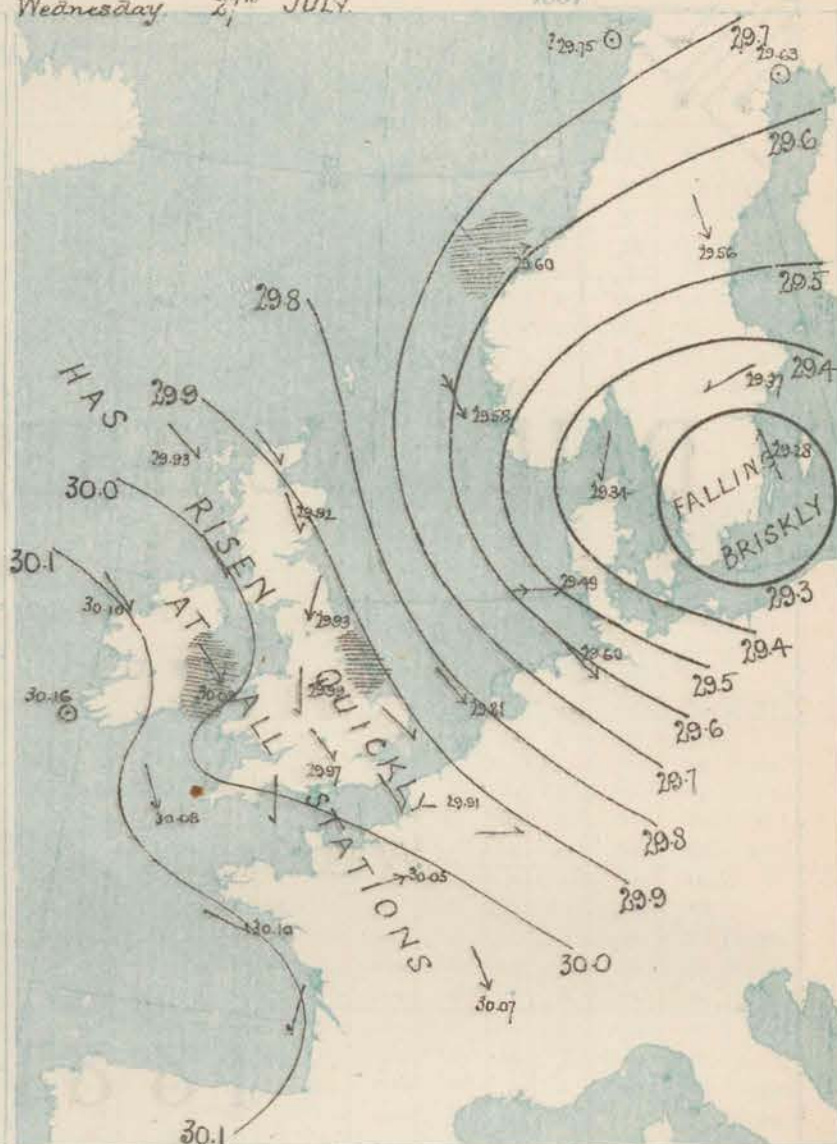
Wind. Arrows show the prevalent wind. They fly with the wind and their heads and feathers refer to force, thus:
* → forces above 10; * → forces 8 to 10
* → forces 5 to 7; * → forces 1 to 4.
○ = dead calm.

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.
Nuern	29.47
Aberdeen	29.48
Leith	29.50
Scarborough	29.51
Ardrrossan	29.52
Greenock	29.53
Holyhead	29.54
Valentia	29.55
Rocha's Pt.	29.56
Plymouth	30.00
LONDON	30.01
Vermouth	30.02

* These means are for the 10 years 1868-75. 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 July

Stations	Temp	Rain-fall
Sunderburgh Head	57.7	1.25
Sornoway	55.0	1.25
Aberdeen	52.9	1.1
Shetlands	50.0	2.40
York	61.7	1.06
Mullaghmore	60.2	0.0
Holyhead	61.0	1.07
Parsonstown	60.2	1.79
Valentia	61.7	1.88
Sally (St Mary's)	63.0	2.79
Hurst Castle	62.8	0.0
Dover	62.2	1.05
LONDON	61.5	2.30
Vermouth	62.5	2.39

* The mean Temperatures are those for the 15 years 1857-69; the mean amounts of Rain are those for the 10 years 1868 to 1875.



REMARKS

For WEDNESDAY, 27th JULY, 1881, at 8 a.m.

The two depressions noticed yesterday have apparently joined, and are now shown as one large disturbance over the Baltic, where the barometer is falling rather briskly. All over these Islands, France and the eastern shores of the North Sea the barometer is rising quickly, and a large area of high pressure (30.1 in.) lies off our west and south-west coasts. At the same time there is a small subsidiary depression lying over Central England. This depression is occasioning rain at Nottingham and overcast skies at our other inland stations, but fine weather prevails in nearly all other parts of these Islands and France. In Norway and Denmark the sky is cloudy, and in Sweden rain is falling. Thunder, lightning and hail occurred in many parts of the country yesterday. The wind is NW^{ly} to N^{ly} on all our coasts and in South Norway, but draws into W. in the north east of France and over North Germany and Denmark, while at Wick it is SE^{ly}. On the eastern shore of the North Sea it blows strongly but on our coasts it is light to fresh. Temperature has fallen a little, and ranges from 61° at Valentia to 51° at York and 52° at Havre. The maxima did not exceed 70° in any part of our Islands yesterday, and were below 60° in the north. The sea is rough at Holyhead and Spurn H^{rs}.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

28th JULY.

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

NW^{ly} breezes, light; fine, then cloudy.

6 SCOTLAND WEST

NW^{ly} and W^{ly} breezes, moderate; fine to cloudy.

2 SCOTLAND EAST

7 ENGLAND NW

N^{ly} and NW^{ly} breezes, moderate; fine to cloudy and some rain.

3 ENGLAND NE

NE^{ly} and NW^{ly} breezes, moderate; some rain, then fair.

8 ENGLAND SW

N^{ly} and NW^{ly} breezes, moderate; fair.

4 ENGLAND EAST

NW^{ly} breezes, light; dull and slight rain, then fair.

9 IRELAND NORTH

N^{ly} (NW and NE) breezes, moderate; fair to cloudy and dull.

5 MIDLAND COUNTIES

Variable breezes to NW^{ly} winds, moderate; clearing, fair.

10 IRELAND SOUTH

NW^{ly} breezes, light; fair, afterwards cloudy and slight rain, then fine again.

WARNINGS

None issued.

METEOROLOGICAL OBSERVATIONS FOR

27th JULY

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	29.58	57	2	0	f	29.63	+0.05	57	51	-6	2	0	bc	*	64	54	0.75	
Hernösand	29.50	56	3	4	c	29.56	+0.08	59	55	0	n	6	c	*	63	52	-	
Stockholm	29.48	58	E	1	o	29.37	-0.20	60	59	-6	ENE	4	n	*	70	55	0.08	
Wisby	29.48	60	SW	4	o	29.28	-0.32	64	63	0	SSE	6	n	*	72	55	0.35	
Bodö	29.24	60	E	4	c	29.75	+0.37	53	51	-5	2	0	bc	0	66	50	-	
Christiansund	29.36	49	WSW	8	n	29.60	+0.47	49	46	-7	W	5	c	5	?	39	0.51	
†Skudesnaes	29.52	53	NW	8	o	29.58	+0.28	52	49	-4	NNW	8	n	4	?	52	-	
Oxö (Christiansund)	29.39	56	SEW	4	o	29.38	+0.03	56	54	-2	n	2	o	2	61	52	-	
Skagen (The Skaw)	29.43	58	2	0	c	29.34	-0.08	56	54	-2	NNE	3	n	3	75	54	0.20	
Fanö	29.47	57	NNW	4	c	29.49	+0.02	54	52	-8	W	8	o	*	66	54	-	
Cuxhaven	29.41	?	NE	6	n	29.60	+0.06	56	54	-6	NW	7	o	*	64	52	0.46	
†Sumburgh Head																		
†Stornoway	29.83	53	N	4	b	29.93	+0.24	55	54	+4	NW	4	c	4	55	42	0.06	
Wick	29.76	53	N	4	bc	29.84	+0.28	54	50	+3	NW	2	bc	2	58	42	0.04	
Nairn	29.80	52	NNE	4	o	29.44	+0.32	52	48	+1	W	2	b	2	57	44	0.06	
†Aberdeen	29.75	55	N	2	bc	29.92	+0.35	53	47	-2	NNW	2	b	2	56	43	0.01	
Leith	29.72	52	N	1	n	29.97	+0.37	55	49	+2	NW	1	b	*	57	49	0.10	
†Shields	29.71	55	NE	3	o	29.93	+0.37	54	49	-1	NNE	4	c	4	57	47	-	
Spurn Head	29.71	56	N	5	bc	29.93	+0.41	53	51	-3	NW	5	o	5	61	50	0.01	
York	29.71	59	N	2	bc	29.97	+0.40	51	49	-2	NW	1	o	*	64	48	0.08	
Nottingham	29.74	52	N	3	n	29.99	+0.41	54	53	-7	N	1	n	*	65	49	0.25	
†Ardrossan	29.75	57	ENE	1	cp	30.00	+0.40	56	51	+1	NNW	2	b	1	62	46	0.29	
†Mullaghmore	29.87	56	N	5	rog	30.10	+0.41	55	52	+1	NW	4	c	4	61	51	0.03	
Donaghadee	29.80	59	N	4	bc	30.05	+0.47	53	50	0	N	4	o	2	60	50	-	
Parsonstown	29.87	61	NW	2	c	30.15	+0.42	52	49	-4	NW	1	b	*	63	41	0.14	
Barrow-in-Furress	29.74	55	NE	2	n	29.96	+0.41	50	49	-5	NW	2	bc	3	62	48	0.18	
†Holyhead	29.77	56	NNW	5	ou	30.03	+0.40	54	51	-1	NNW	6	b	5	58	52	0.01	
Liverpool (Bidston)	29.74	57	NE	1	o	29.98	+0.39	53	50	-3	NNE	2	o	2	61	52	0.15	
†Valentia	29.97	59	NW	2	bc	30.16	+0.34	61	55	+5	ENE	1	bc	1	65	51	0.01	
Roche's Point	29.94	56	NW	4	c	30.14	+0.36	56	50	0	NNW	3	b	3	63	49	-	
Pembroke	29.79	59	NW	5	c	29.98	+0.33	55	50	0	NNW	4	bc	2	60	51	-	
†Scilly	29.90	60	WNW	6	bc	30.08	+0.35	60	56	+1	NNW	5	bc	4	61	56	-	
Prawle Point	29.85	60	WNW	4	bc	30.05	+0.39	58	55	-2	NNW	2	b	2	65	50	0.14	
Hurst Castle	29.77	63	NNW	5	bc	29.99	+0.40	59	54	+2	N	3	b	3	65	52	0.08	
†Dover	29.70	60	N	2	cp	29.94	+0.45	56	54	+2	NE	-	c	1	64	52	0.38	
†London	29.73	63	WNW	3	c	29.97	+0.40	56	52	-1	NW	1	mag	*	70	52	0.01	
Oxford	29.79	57	W	1	o	29.98	+0.40	56	51	0	WNW	3	c	*	67	53	0.01	
Cambridge	29.73	57	N	1	c	29.95	+0.42	54	52	-2	NW	1	o	*	64	54	0.13	
†Yarmouth	29.67	60	NNW	2	b	29.91	+0.40	56	51	-2	NW	2	bc	2	63	49	-	
The Helder	29.60	57	NNW	3	o	29.81	+0.32	56	52	-2	NW	4	o	4	?	54	0.32	
Cape Gris Nez	29.70	62	WSW	7	c	29.93	+0.43	57	55	+2	NW	3	o	3	64	52	0.83	
†Jersey	29.92	59	W	4	bc	30.04	+0.39	60	57	+1	NW	3	b	3	63	55	-	
Brest	29.95	60	N	4	b	30.06	+0.32	58	56	+2	NNW	3	b	3	63	55	-	
Lorient	29.95	62	NW	7	bc	30.10	+0.44	59	55	+5	WNW	4	b	2	68	54	-	
†Rochefort	29.95	66	NW	8	b	30.10	+0.48	61	57	-6	NNE	4	b	2	70	54	-	
Biarritz																		
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	29.91	+0.50	57	54	+5	W	3	b	*	57	51	0.75	
Charleville	29.76	53	W	4	o	29.95	+0.54	53	50	-5	W	4	o	*	64	48	0.51	
Paris	29.82	64	WNW	7	b	30.05	+0.70	59	54	-7	WSW	7	bc	*	*	*	0.08	
Lyons	29.80	68	NNW	8	bc	30.07	+0.43	59	51	-14	NNW	5	b	*	90	54	-	
Toulon																		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.51	50	NW	1	n	28.73	+0.47	48	46	-1	NW	2	c	*	59	44	0.51	

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

Hawes Junction	28.51	50	NW	1	n	28.73	+0.47	48	46	-2	NW	2	c	59	44	0.51
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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 ...	29.40	55	53	NW	8	c	4	Valentia ...	29.91	64	59	WNW	3	bc	3									
Sumburgh Head								Scilly ...	29.85	61	57	WNW	6	bc	5									
Stornoway ...	29.78	50	50	NNE	4	c	3	Dover ..	29.59	60	55	NNW	3	chlt										
Aberdeen ...	29.67	56	52	N	3	o	2	London ...	29.64	67	56	NW	4	c	*									
Shields ...	29.64	56	54	NE	3	c	3	Yarmouth ...	29.58	61	55	NNW	3	bc	3									
Ardrossan ...	29.69	59	55	WNW	3	c	2	Jersey ...	29.85	62	57	WNW	5	bc	4									
Mullaghmore ...	29.78	60	57	NW	5	bc	4	Rochefort ...	29.86	67	61	NW	8	bc	7									
Holyhead ...	29.69	58	56	W	5	o	4	Ben Nevis (4406 ft.) 9 am - 25°								25.17	37	37	NNW	2	o	41	36	1.09

The barometer is rising everywhere and cool N. and NW breeze prevail. Fine weather is reported generally in the W. and S., but at Dover a thunderstorm is in progress. Temperature ranges from 67° in London to 50° at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Sea's 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

THURSDAY, 28TH JULY.

1881.

ISSUED BY THE

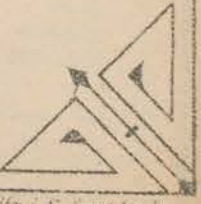
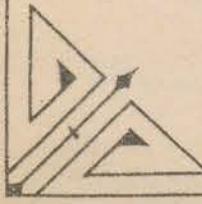
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ROBERT H. SCOTT
(SECRETARY)



WEATHER CHARTS

for 8 a.m. on Thursday, 28th JULY.

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.

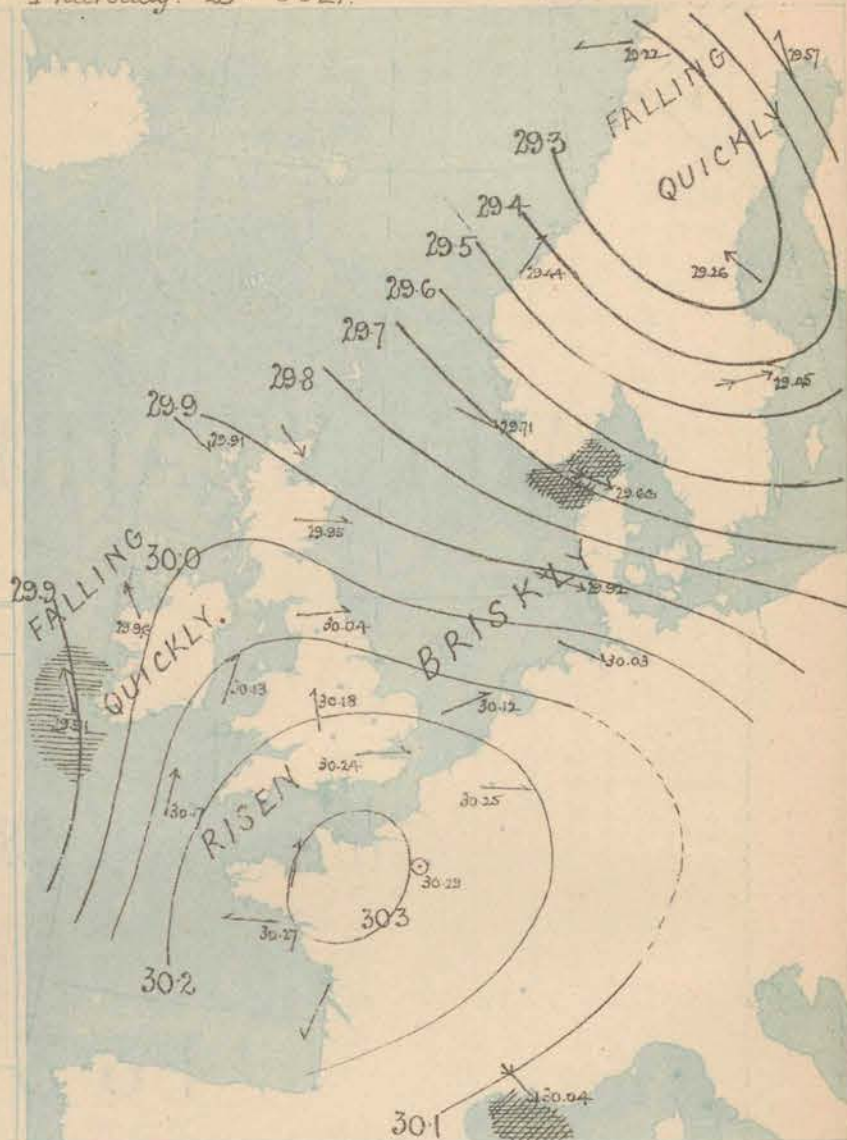
Wind. Arrows show the prevalent wind. They fly with the wind, and their barbs and feathers refer to force, thus:
→ force above 10; → force 8 to 10;
→ force 3 to 7; → force 1 to 4;
○ dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations.	Mean Readings In.
Nairn	29.853
Aberdeen	29.886
Leith	29.907
Scarborough	29.943
Ardrossan	29.923
Greenock	29.917
Holyhead	29.914
Valentia	29.965
Roches Pt.	29.910
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

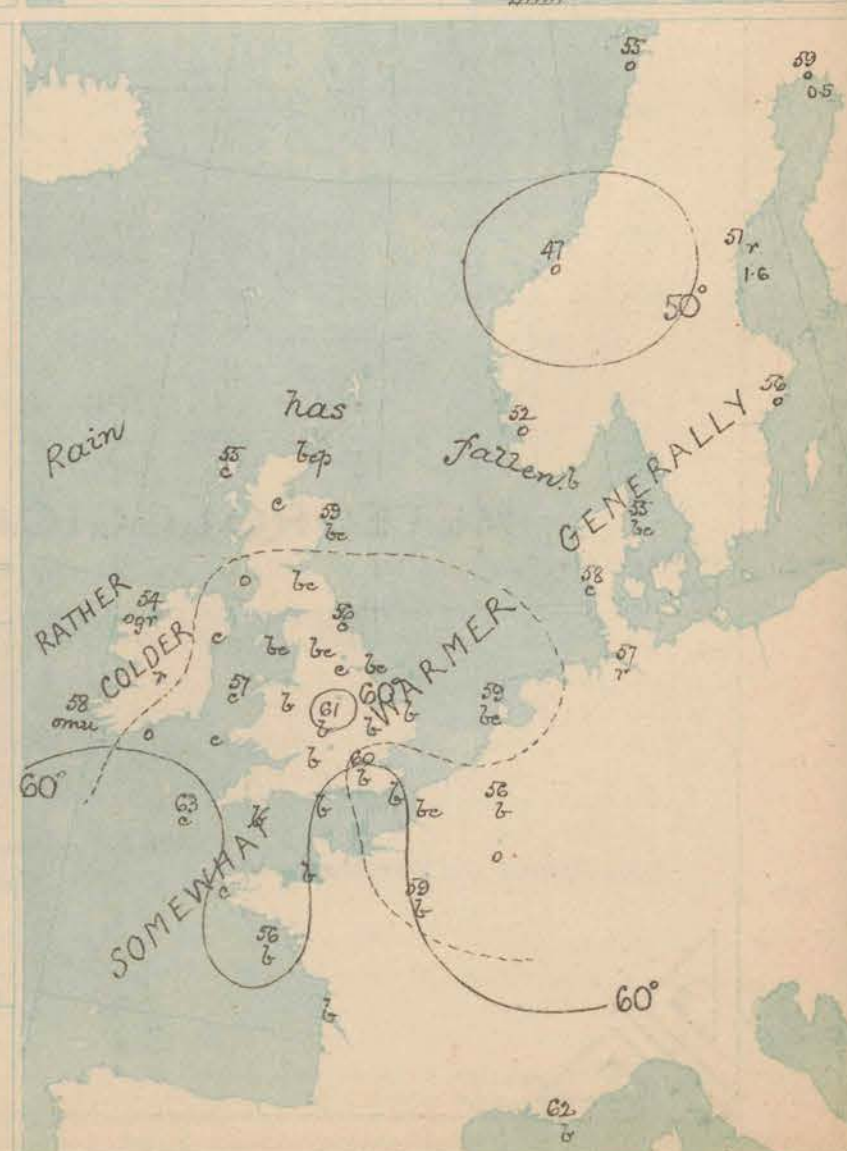
Explanation of Map.

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 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations.	Temp.	Rain Fall
Sandwich Head	57.7	1.57
Stormy	55.0	1.30
Aberdeen	56.3	1.12
Shetland	50.0	2.40
York	61.0	2.06
Mullaghmore	60.2	0.00
Holyhead	61.0	1.60
Parsinstown	60.7	1.79
Valentia	61.1	1.55
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	0.00
Dover	62.2	2.69
LONDON	61.3	2.30
Yarmouth	62.3	2.59

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



REMARKS

for THURSDAY, 28TH JULY, 1881, at 8 a.m.

The mercury is rising this morning over France, the greater part of England, the western shores of the North Sea and the east of Scotland, and a well marked anticyclone of moderate height lies over France, the Channel and south of England. In all other places the barometer is falling, the change in some places being rapid, and depressions are now shown, - one over the north of Scandinavia while a second is quickly approaching the west coast of Ireland. In consequence S^W winds of considerable strength prevail on our west coasts, while light W^W breezes prevail on our other coasts. The northern depression is at the same time causing W^W strong winds and gales over Denmark and the south of Scandinavia, and SE^W to E^W winds in the extreme north. Temperature has risen except in the west and ranges at present from 63° at Seilly to 54° in the north-west. The maxima yesterday were again below 70° everywhere, and below 60° in the north, while the weather last night was very cool over our central stations, the minima in the shade being 41° at Nottingham, 42° at Cambridge and 44° at Hurst Castle, Exford and London. In London the thermometer fell to 34° on the grass. The weather is dull and rainy over Ireland, and the change seems to be spreading but at present the weather is very fine over France, the greater part of England and the east of Scotland. The sea is rough at Valentia, very high in the Skager Rack.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29TH JULY

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

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

W^W winds, backing and freshening; cloudy, unsettled.

2 SCOTLAND EAST

W^W to S^W and S^W winds, light to fresh, becoming cloudy and unsettled.

3 ENGLAND N.E.

8° 8° 8°

4 ENGLAND EAST

Wind backing to S. and freshening; fine and warm, then becoming overcast and unsettled.

5 MIDLAND COUNTIES

8° 8° 8°

6 ENGLAND SOUTH

8° 8° 8°

7 SCOTLAND WEST

S^W winds, strong; dull, some rain.

8 ENGLAND N.W.

8° 8° 8°

9 ENGLAND S.W.

S^W winds, strong, then S^W fresh; cloudy, some rain.

10 IRELAND NORTH

S^W winds, strong, with gale in the west, then S^W lighter; dull, unsettled, showery, squally.

11 IRELAND SOUTH

8° 8° 8°

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR

28th JULY 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 15).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 15).			Max.	Min.		
Haparanda ...	29.56	65	E	2	0	29.57	- 06	59	57	+ 2	S	2	0	*	68	55	0.47	
Hernösand ...	29.32	54	ESE	8	0	29.26	- 30	51	50	- 8	SE	6	N	*	66	46	1.63	
Stockholm ...	29.23	57	S	8	0	29.45	+ 08	56	49	- 4	W	9	0	*	63	55	0.35	
† Wisby ...	29.36	55	WSW	8	bc	29.62	+ 34	57	53	- 7	WSW	8	6	*	66	54	0.08	
Bodö ...	29.57	51	NNE	2	0	29.22	- 53	55	53	+ 2	E	2	0	1	55	50	0.28	
Christiansund ...	29.55	50	N	3	0	29.44	- 16	47	45	- 2	SW	3	0	3	52	37	0.12	
† Skudesnaes ...	29.67	51	NW	4	2	29.71	+ 13	52	48	0	WNW	4	0	4	54	?	-	
Oslo (Christiansund) ...	29.46	55	NW	6	c	29.67	+ 29	55	51	- 1	W	6	6	4	63	50	-	
Skagen (The Skaw) ...	29.32	55	NNW	5	c	29.66	+ 32	55	50	- 1	WNW	8	bc	8	?	52	0.43	
Fanö ...	29.79	55	NW	5	0	29.92	+ 43	58	58	+ 4	WNW	8	c	*	?	50	0.07	
Cuxhaven ...	29.80	?	NW	6	N	30.03	+ 43	57	55	+ 1	NW	4	N	*	59	52	0.10	
† Sumburgh Head																		
† Stornoway ...	29.98	55	NW	4	bc	29.91	- 02	55	54	0	NW	3	c	2	58	46	0.03	
Wick ...	29.90	54	NW	6	c	29.88	- 01	56	52	+ 2	NW	5	bcp	3	59	46	0.05	
Nairn ...	29.95	56	W	3	bc	29.93	- 01	52	49	0	W	2	c	1	60	49	0.01	
† Aberdeen ...	29.92	59	NNW	3	bc	29.95	+ 03	59	51	+ 6	W	2	bc	2	63	47	0.01	
Leith ...	30.00	60	W	5	bc	30.01	+ 04	55	52	0	W	1	bc	*	61	49	-	
† Shields ...	29.99	54	NNW	1	0	30.04	+ 11	56	52	+ 2	W	3	c	3	56	47	-	
Spurn Head ...	30.06	51	ESE	2	6	30.14	+ 21	57	54	+ 4	WSW	4	bc	4	58	51	-	
York ...	30.04	62	WNW	1	6	30.13	+ 16	57	53	+ 6	SSW	1	c	*	65	47	-	
Nottingham ...	30.08	60	N	3	6	30.18	+ 19	61	56	+ 7	S	3	6	*	63	41	0.01	
† Ardrossan ...	30.07	59	WNW	3	6	30.04	+ 04	54	51	- 2	SW	3	0	0	63	52	-	
† Mullaghmore ...	30.14	59	WNW	3	6	29.96	- 14	54	51	- 1	SSE	5	ogv	4	61	53	-	
Donaghadee ...	30.12	56	NW	3	c	30.05	- 05	56	53	+ 3	?N	4	v	2	60	45	-	
Parsonstown ...	30.16	65	WNW	1	6	30.02	- 13	54	52	+ 2	S	3	N	*	65	46	-	
Barrow-in-Furness ...	30.09	60	NW	3	6	30.12	+ 16	55	52	+ 5	SW	3	bc	3	62	50	-	
† Holyhead ...	30.15	61	WSW	3	6	30.13	+ 10	57	54	+ 3	SSW	4	c	3	62	52	-	
Liverpool (Birkenhead) ...	30.11	59	WNW	4	6	30.12	+ 14	56	52	+ 3	SW	3	6	2	60	50	-	
† Valentia ...	30.20	60	SSW	4	bc	29.91	- 25	58	57	- 3	SSE	7	omv	6	65	55	0.33	
Roche's Point ...	30.21	59	W	2	6	30.04	- 10	57	55	+ 1	SSW	6	0	4	64	48	-	
Pembroke ...	30.16	58	NW	3	6	30.14	+ 16	58	54	+ 3	SSW	4	c	3	60	54	-	
† Scilly ...	30.21	60	NNE	4	6	30.17	+ 09	63	57	+ 3	S	5	c	4	63	50	-	
Prawle Point ...	30.16	61	NW	2	6	30.25	+ 20	55	53	- 3	S	1	6	1	68	47	-	
Hurst Castle ...	30.09	64	NE	3	6	30.24	+ 25	60	54	+ 1	ESE	1	6	1	68	44	-	
† Dover ...	30.07	57	SW	1	bc	30.24	+ 30	61	55	+ 5	WSW	1	6	0	61	50	0.22	
† London ...	30.08	58	WNW	3	c	30.24	+ 27	66	53	+ 4	W	2	6	*	67	44	0.01	
Oxford ...	30.14	56	N	1	6	30.23	+ 25	57	53	+ 1	Z	0	6	*	64	44	-	
Cambridge ...	30.07	59	NW	1	c	30.26	+ 31	58	53	+ 4	SW	1	6	*	63	42	-	
† Yarmouth ...	30.06	58	NNW	2	6	30.19	+ 28	58	52	+ 2	W	2	6	3	63	45	-	
The Helder ...	30.03	55	NW	2	0	30.12	+ 31	59	55	+ 3	WNW	3	bc	3	59	54	-	
Cape Gris Nez ...	30.08	57	S	1	c	30.25	+ 32	57	55	0	SSW	1	bc	2	63	52	0.12	
† Jersey ...	30.20	61	NW	3	6	30.30	+ 20	61	55	+ 1	SSW	1	6	1	65	52	-	
Brest ...	30.23	61	N	3	6	30.28	+ 22	57	54	- 1	SSW	4	c	3	63	50	-	
Lorient ...	30.18	65	NW	5	bc	30.27	+ 17	56	54	- 3	E	3	6	1	70	52	-	
† Rochefort ...	30.19	66	WNW	7	bc	30.27	+ 17	63	59	+ 2	NE	4	6	2	73	54	-	
Biarritz ...	30.21	67	N	4	bc	30.27	+ 14	63	58	- 3	E	3	bc	3	73	57	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.25	+ 34	56	52	- 1	W	1	6	*	63	49	0.04	
Charleville ...	30.05	59	WSW	1	0	30.23	+ 21	50	49	- 3	S	1	0	*	?	48	0.08	
Paris ...	30.10	65	N	3	bc	30.29	+ 24	59	54	0	Z	0	6	*	*	*	0.08	
Lyons ...																		
Toulon ...	29.90	71	NW	8	6	30.04		61	50		NW	8	6	7	77	59	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.82	65	W	2	bc	28.85	+ 12	74.9	6.9	+ 1	W	2	bc	*	58	45	-	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.						
Skudesnaes	29.63	54	48	NW	9	C	4	Valentia	30.20	63	57	SW	3	bc	3				
Sumburgh Head								Scilly	30.14	60	55	N	5	bc	4				
Stornoway	29.97	57	56	NW	5	bc	4	Dover	30.01	60	55	E	2	c/p	1				
Aberdeen	29.91	60	55	NNW	3	C	2	London	30.07	68	56	NNW	2	C	*				
Shields	30.01	54	49	NE	2	6	4	Yarmouth	30.03	55	50	NW	2	C	3				
Ardrossan	30.05	62	55	WNW	3	6	2	Jersey	30.16	64	57	WNW	3	6	3				
Mullaghmore	30.15	57	62	WNW	4	bc	3	Rochefort	30.15	76.6	61	S	7	C	2				
Holyhead	30.14	59	54	NNW	4	bc	3	Ben Nevis (4406 ft.)	25.43	33	33	ESE	3	C	38				
														(Sum on 21 st)				30	0.06

The barometer is rising in all places except in the NE. of Scotland and at Valentia, where a slight fall has commenced since noon. The weather is fair with N^{ly} and NW^{ly} winds generally, but a SW^{ly} breeze at Valentia. Temperature ranges from 63° in London to 54° at Shields.

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) or 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).
 † Received on date for insertion in charts.



DAILY WEATHER REPORT

FOR

FRIDAY, 29TH JULY

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 Friday, 29th July 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:
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ○ dead calm.

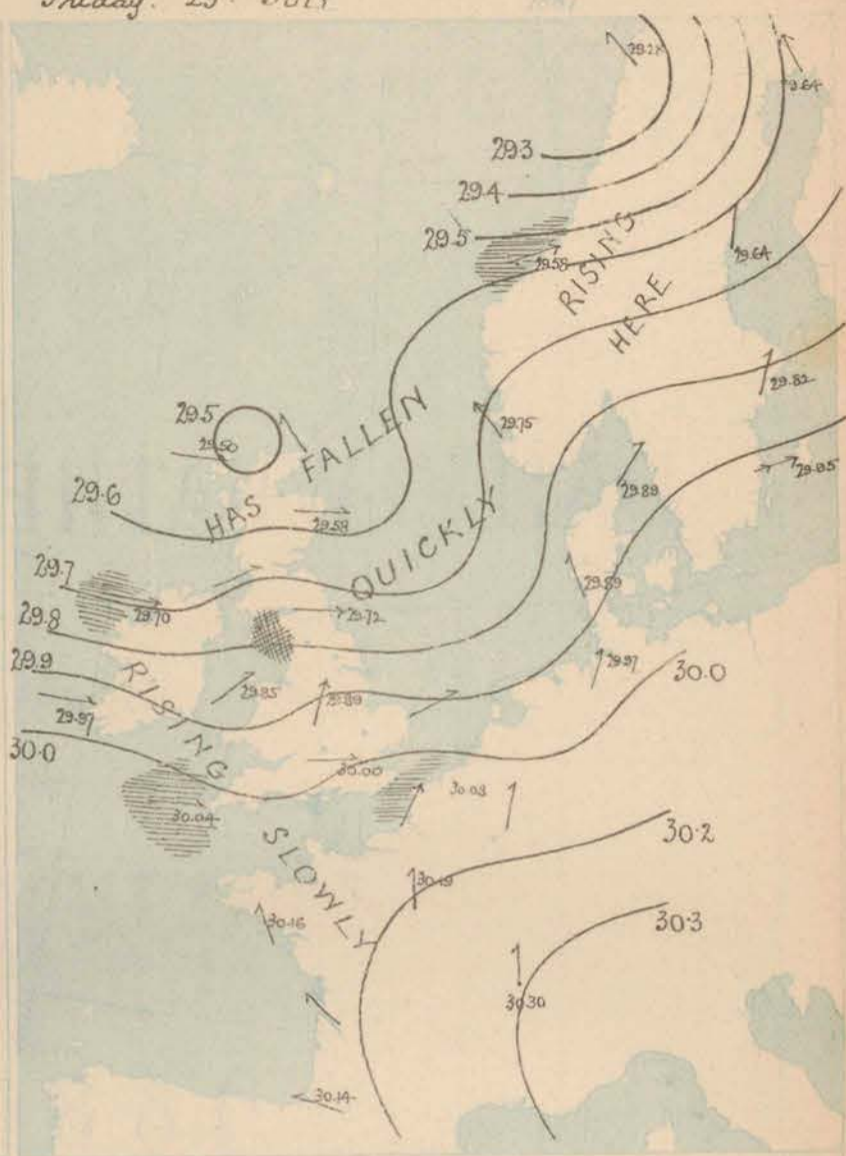
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings
Nairn	29.863
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.912
Holyhead	29.956
Valentia	29.965
Roches Pt.	29.976
Plymouth	30.000
LONDON	29.993
Vermouth	29.970

* These means are for the 10 years 1856-75. 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 separating 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.

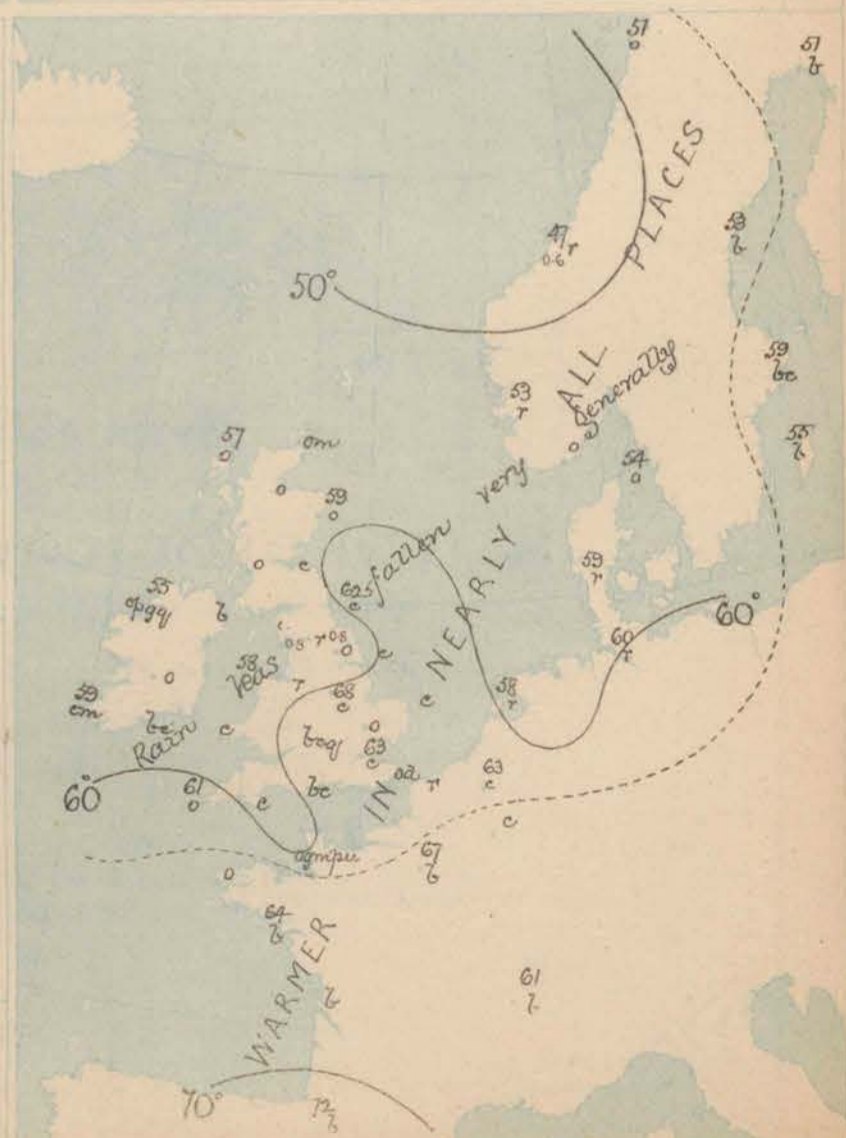
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of July

Stations	Temp	Rainfall
Sandwich Head	52.3	1.23
Stornoway	52.3	1.2
Aberdeen	54.3	2.72
Shetland	60.0	2.40
Lark	61.0	2.06
Mulloughmore	60.2	0
Holyhead	61.0	1.66
Parsonstown	61.2	2.79
Valentia	61.1	3.48
Sally (St Mary's)	60.3	2.48
Hurst Castle	60.2	0
Dover	61.2	2.42
LONDON	61.2	2.10
Vermouth	62.3	2.59

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1865 to 1875.



REMARKS

For FRIDAY 29TH JULY 1881 at 8 a.m.

During the past twenty-four hours the mercury has fallen quickly over the greater part of Western Europe and a large area of low readings is shown over the north of Scotland, while a second depression is lying off the north west coast of Norway. In the south of Ireland a recovery has commenced but elsewhere the barometer still falls, and rather steep gradients are shown over us. W^{ly} winds prevail on all our coasts, blowing freshly in several places, but on the Continent the wind is more variable, breezes between SW and SE being reported both over France and over Scandinavia. The weather is fine over France, and is inclined to clear at several of our stations, but in most parts of these Islands the sky is overcast and the weather very showery, while continuous rain is falling on the eastern shores of the North Sea. Temperature has risen somewhat, and ranges from 68° at Nottingham to 55° at Wick and Mullaghmore. The maxima yesterday exceeded 70° at some central stations. The sea is rough in the south-west and west.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

30TH JULY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light or moderate breezes between SW and NW; dull, showery.	6 SCOTLAND WEST	Fresh W ^{ly} and NW ^{ly} winds; showery, cool.
2 SCOTLAND EAST	-----	7 ENGLAND N.W.	SW ^{ly} and NW ^{ly} winds, fresh; showery, cool.
3 ENGLAND N.E.	Strong to moderate W ^{ly} winds; rainy to fair.	8 ENGLAND S.W.	Same as No. 3 to 5.
4 ENGLAND EAST	W ^{ly} (SW to NW) winds, fresh; gusty, cloudy, showery, with bright intervals.	9 IRELAND NORTH	Fresh or strong W ^{ly} winds; squally, showery.
5 MIDLAND COUNTIES	-----	10 IRELAND SOUTH	W ^{ly} and NW ^{ly} winds, fresh; showery with bright intervals.
6 ENGLAND SOUTH	-----	WARNINGS	The South Cone has been lowered again on our SW coasts this morning.

METEOROLOGICAL OBSERVATIONS FOR 29th JULY 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	29.56	53	SW	2	C	29.64	+0.07	51	47	-8	S	6	6	*	64	?	-		
Hernösand	29.75	50	S	4	C	29.64	+0.38	53	50	+2	SSW	2	6	*	59	48	0.06		
Stockholm	29.73	55	SW	2	6	29.82	+0.39	59	52	+3	SW	4	60	*	63	48	-		
Wisby	29.84	57	WSW	8	6	29.95	+0.33	55	51	-2	WNW	8	6	*	68	50	-		
Bodö	29.31	49	WNW	2	7	29.28	+0.06	51	48	-4	SE	2	0	1	57	46	0.16		
Christiansund	29.49	47	WSW	9	7	29.58	+0.14	47	45	-2	WSW	7	7	5	50	41	0.59		
†Skudesnaes	29.82	51	W	3	7	29.75	+0.04	53	51	+1	SE	5	7	4	55	50	-		
Oxö (Christiansund)	29.84	53	WSW	5	60	29.82	+0.15	53	52	-2	WSW	2	0	3	57	50	0.08		
Skagen (The Skaw)	29.84	54	NW	4	C	29.89	+0.23	54	53	-1	SW	4	7	0	59	50	-		
Fanö	30.07	57	W	7	C	29.89	-0.03	59	58	+1	SSW	2	7	*	61	50	-		
Cuxhaven	30.14	?	WNW	5	60	29.97	-0.06	60	57	+4	SSW	3	7	*	61	50	0.02		
†Sumburgh Head																			
†Stornoway	29.75	55	SE	2	0	29.50	-0.41	57	56	+2	W	2	0	1	59	50	0.03		
Wick	29.81	58	SE	2	60	29.56	-0.32	55	53	-1	SE	2	0	2	60	44	-		
Nairn	29.78	55	WSW	2	0	29.54	-0.39	57	55	+5	WSW	1	0	0	61	51	0.05		
†Aberdeen	29.86	56	W	1	7	29.58	-0.37	59	56	-3	W	1	0	1	64	50	0.13		
Leith	29.84	52	SE	1	7	29.66	-0.35	58	56	+3	W	1	0	*	60	50	0.20		
†Shields	29.92	57	WSW	2	7	29.72	-0.32	62	59	+6	W	5	0	2	63	52	0.11		
Spurn Head	30.01	62	S	3	0	29.83	-0.31	60	59	+3	SW	4	0	4	60	54	0.06		
York	30.00	62	S	1	0	29.82	-0.31	58	57	+1	SW	2	0	*	65	54	0.19		
Nottingham	30.01	63	S	5	0	29.89	-0.29	68	62	+7	SSW	5	0	*	72	56	0.11		
†Ardrossan	29.75	55	S	4	0	29.70	-0.34	56	55	+2	WSW	4	0	3	60	52	0.25		
†Mullaghmore	29.74	59	WSW	6	0	29.70	-0.26	55	54	+1	W	6	0	6	64	53	0.33		
Donaghadee	29.75	57	SSW	5	0	29.76	-0.29	58	57	+2	WNW	4	6	2	65	53	0.24		
Parsonstown	29.79	63	WSW	4	0	29.88	-0.14	56	55	+2	W	2	0	*	69	53	0.22		
Barrow-in-Furness	29.91	53	SE	5	7	29.79	-0.33	58	57	+3	SSW	5	0	7	62	52	0.18		
†Holyhead	29.88	57	SSW	6	7	29.85	-0.28	58	57	+1	SW	4	0	3	61	55	0.21		
Liverpool (Bidston)	29.92	58	S	2	7	29.85	-0.27	57	56	+1	WSW	3	7	2	67	55	0.21		
†Valentia	29.86	60	SW	6	0	29.97	+0.06	59	56	+1	W	3	0	4	63	55	0.14		
Roche's Point	29.86	59	WSW	4	0	29.95	-0.09	58	55	+1	W	4	60	4	63	53	0.35		
Pembroke	29.92	58	SSW	7	7	29.91	-0.23	58	56	-2	WSW	6	0	4	60	56	0.22		
†Scilly	30.04	62	SSW	7	0	30.04	-0.13	61	60	-2	W	4	0	5	66	57	0.34		
Prawle Point	30.12	57	SSW	4	0	30.08	-0.17	58	58	+3	WSW	3	0	4	62	55	0.13		
Hurst Castle	30.15	60	WSW	5	0	30.03	-0.21	63	61	+3	WNW	6	60	4	67	50	0.10		
†Dover	30.16	60	SW	3	6	30.03	-0.21	60	58	-1	WSW	5	0	4	63	50	0.04		
†London	30.12	62	SW	3	0	30.00	-0.24	63	60	+3	W	3	0	*	72	56	0.36		
Oxford	30.06	59	S	3	0	29.97	-0.26	62	58	+5	WSW	6	60	*	71	57	0.20		
Cambridge	30.07	68	S	2	0	29.92	-0.34	63	60	+5	SW	2	0	*	70	54	0.19		
†Yarmouth	30.09	63	S	3	60	29.91	-0.28	63	61	+5	WSW	4	0	3	67	54	0.20		
The Helder	30.12	58	S	1	0	29.93	-0.19	58	56	-1	SW	5	7	4	64	55	0.20		
Cape Gris Nez	30.19	62	SW	4	60	30.05	-0.20	61	58	+4	SW	7	7	5	66	55	-		
†Jersey	30.23	63	SW	1	6	30.16	-0.14	60	59	-1	SW	4	60	4	66	58	0.01		
Brest	30.19	62	SSW	5	6	30.16	-0.12	60	59	+3	SW	4	0	4	64	57	-		
Lorient	30.12	66	W	1	6	30.16	-0.11	64	60	+8	SSW	3	6	2	70	55	-		
†Rochefort	30.23	69	WNW	5	6	30.19	-0.08	64	60	+1	SE	3	6	2	75	55	-		
Biarritz	30.19	71	WNW	5	6	30.14	-0.13	72	64	+9	SSW	1	6	2	77	61	-		
Corunna	*	*	*	*	*			*						*	*	*	*		
Brussels	*	*	*	*	*	30.08	-0.17	63	56	+7	SW	4	0	*	70	?	-		
Charleville	30.17	67	SW	3	6	30.18	-0.05	60	54	+10	SSW	1	0	*	70	49	-		
Paris	30.24	71	WSW	1	6	30.19	-0.10	67	56	+8	S	1	6	*	*	*	-		
Lyon	30.25	71	N	1	6	30.30	+0.01	61	56	+2	S	1	6	*	75	49	-		
Toulon																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.73	50	SW	1	7	28.55	-0.30	53	53	+4	SW	3	7	*	57	48	0.83		

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

Hawes Junction	28.73	50	SW	1	7	28.55	-0.30	53	53	+4	SW	3	7	57	48	0.83			
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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	55	49	W	6	0	4	Valentia ...	29.87	61	60	SW	5	0mg	5
Sumburgh Head								Scilly ...	30.11	60	59	SW	7	0	6
Stornoway ...	29.85	58	56	SW	3	60	3	Dover ..	30.22	62	58	SW	3	6	1
Aberdeen ...	29.90	68	55	SSW	3	0	1	London ...	30.17	70	57	SW	4	60	*
Shields ...	30.00	62	55	W	3	0	3	Yarmouth ...	30.15	65	56	S	4	69	4
Ardrossan ...	29.94	55	53	SSW	3	0	3	Jersey ...	30.27	66	57	W	0	6	0
Mullaghmore ...	29.72	61	58	S	6	0	5	Rochefort ...	30.27	73	64	WNW	4	6	2
Holyhead ..	30.01	57	56	SSW	5	29	4	Ben Nevis (4066 ft.) (9 AM on 28)	25.43	35	35	SW	3	0	Max 37 Min 33 Rain 0.26

The depression in the W. is moving steadily in a NE direction, and rather strong SW breezes, with dull squally weather are spreading gradually over us. The P. cone is still up in district 10.

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

SATURDAY, 30TH JULY

1881.

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

ROBERT H. SCOTT
(SECRETARY.)

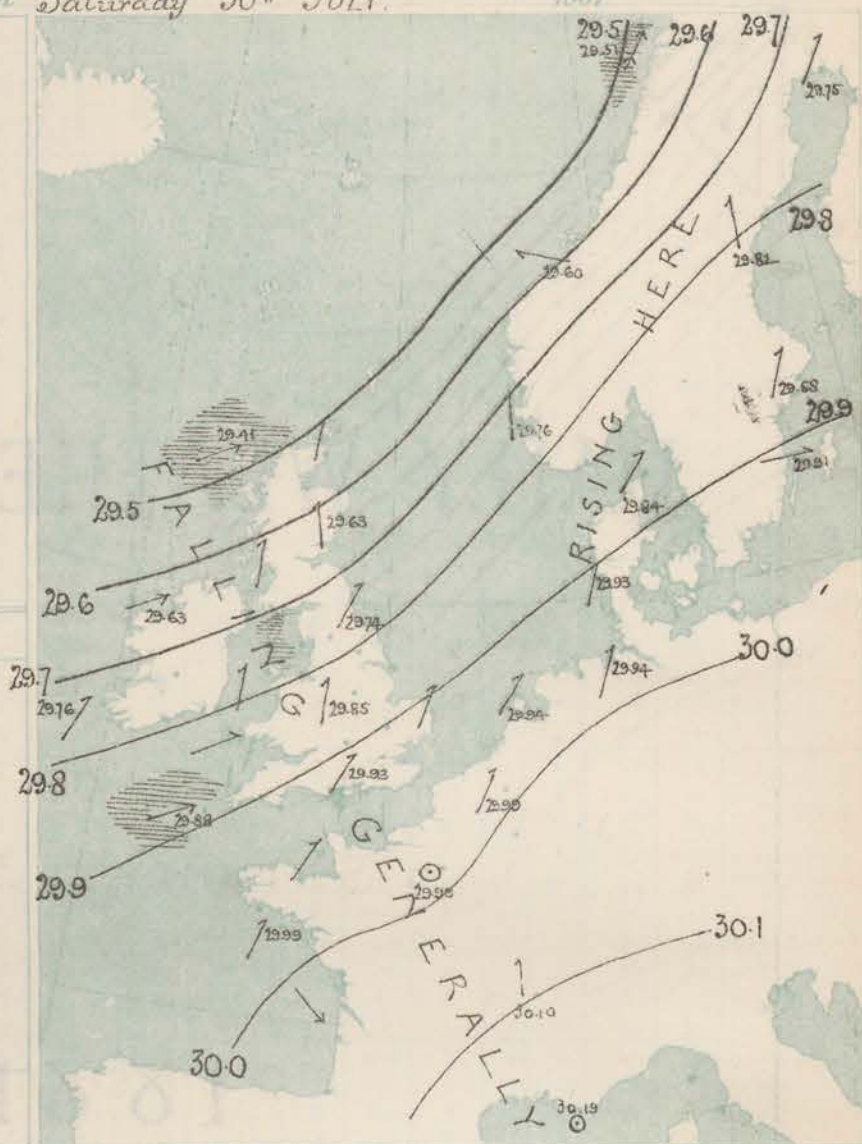
for 8 a.m. on Saturday 30th JULY.

Explanation of Map.

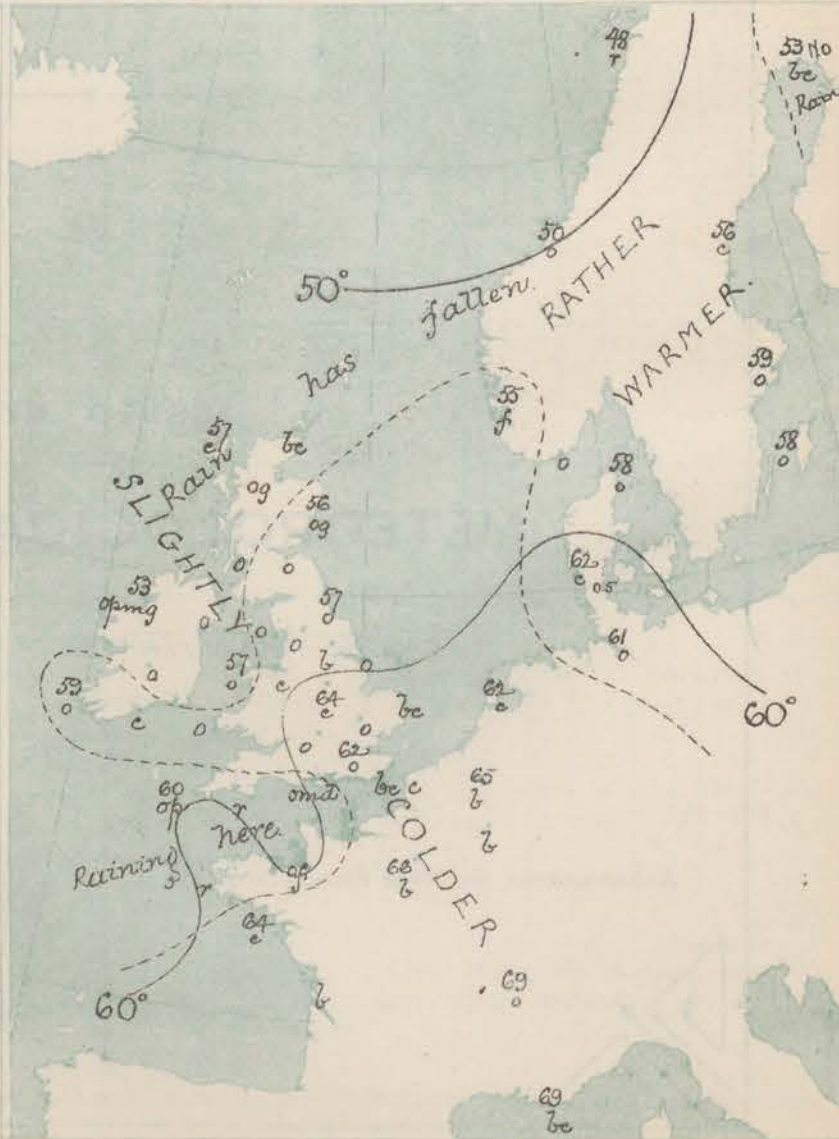
Wind arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:

→ 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



with RAINFALL in PAST 24 HOURS



REMARKS

for SATURDAY, 30th JULY. 1881. at 8 a.m.

The weather remains in a very unsettled condition, and the mercury is falling at all except a few stations in Scandinavia and Denmark. Pressure is highest in the south east of France, and lowest to the northward of Scotland and off the west of Norway, while small subsidiary disturbances are crossing these Islands from west to east. These disturbances cause slight variations in the winds, but the general direction is SW. all over Western Europe. It is light to fresh in force on most coasts, but blows strongly in the Hebrides and with the force of a gale at Bodø. The weather is fine in the south and east of France and on the south-east coast of England, but is cloudy or dull in all other places, with rain over the Channel, and a gloomy appearance at nearly all our northern stations. Slight rain has fallen in the north, north-west and south-west. Temperature has decreased except in Scandinavia, and readings range from 65° at Yarmouth to 53° at Mullaghmore. The maxima were again about 70° over the inland stations. The sea is rough at Stornoway, Barrow, in Furness and Lilly.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

31st JULY

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	SW winds, fresh; dull, close, rain.
2 SCOTLAND EAST	— 8° — 8° — 8° —
3 ENGLAND N.E.	SW and S winds, light; dull, close, some rain.
4 ENGLAND EAST	S. veering to W or NW breezes, moderate and fresh; weather dull and showery, then fair. Close.
5 MIDLAND COUNTIES	— 8° — 8° — 8° —
6 ENGLAND SOUTH	— 8° — 8° — 8° —

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S. and SW winds, fresh; dull, rain.
7 ENGLAND N.W.	SW to W winds, fresh; cloudy and showery, then fair.
8 ENGLAND S.W.	SW and W winds, fresh; cloudy, showery.
9 IRELAND NORTH	W (SW and NW) winds, fresh; showery with bright intervals.
10 IRELAND SOUTH	— 8° — 8° — 8° —
WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

30TH JULY 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	29.63	50	e	4	b	29.75	+1.1	53	50	+2	SW	4	bc	*	58	48	-		
Hernösand	29.75	52	e	0	c	29.82	+1.8	56	53	+3	e	4	c	*	64	39	0.16		
Stockholm	29.88	57	SEW	2	o	29.88	+0.6	59	55	0	SW	2	o	*	66	55	-		
Wibby	29.95	55	SEW	6	n	29.91	-0.4	58	55	+3	W	2	o	*	66	50	0.04		
Bodö	29.38	46	SW	6	n	29.51	+1.23	48	46	-3	SW	8	n	6	52	45	0.35		
Christiansund	29.62	50	WSW	8	b	29.60	+0.2	50	48	+3	SESE	2	o	2	50	37	0.12		
†Skudesnaes	29.67	54	SW	4	f	29.76	+0.1	55	54	+2	S	4	f	4	?	?	-		
Orö (Kisnäsund)	29.73	56	SSW	2	m	29.82	0.0	57	56	+4	SSW	2	o	3	?	?	0.04		
Skagen (The Skaw)	29.78	57	SSW	3	n	29.84	-0.05	58	57	+4	SW	4	o	3	59	54	0.04		
Fanö	29.92	58	S	2	c	29.99	+0.4	62	59	+3	SSW	2	c	*	63	54	0.51		
Cuxhaven	29.90	?	W	4	o	29.94	-0.3	61	60	+1	SSW	2	o	*	63	54	0.15		
†Sumburgh Head	29.57	58	W	5	c	29.41	-0.9	57	56	0	WSW	7	c	6	61	49	0.03		
†Stornoway	29.61	60	W	4	bc	29.54	-0.2	57	54	+2	SSW	4	bc	2	63	52	0.03		
Wick	29.64	59	WSW	1	c	29.54	0.0	56	54	-1	W	0	og	1	66	55	0.02		
†Aberdeen	29.65	65	W	3	b	29.63	+0.5	56	54	-3	S	2	og	1	70	53	-		
Leith	29.75	65	W	1	c	29.67	+0.1	59	54	+1	SW	1	o	*	61	51	-		
†Shields	29.79	62	W	4	o	29.74	+0.2	57	55	-5	SW	2	o	2	65	52	-		
Spurn Head	29.90	62	WSW	3	o	29.85	+0.2	59	58	-1	SW	2	o	2	66	55	0.06		
York	29.89	62	W	3	c	29.83	+0.1	56	54	-2	S	1	b	*	65	49	-		
Nottingham	29.94	66	W	3	bc	29.85	-0.4	64	53	-4	S	3	c	*	70	53	-		
†Ardrossan	29.78	57	SW	2	o	29.67	-0.3	56	56	0	SSW	4	o	3	60	55	0.02		
†Mullaghmore	29.79	58	SW	5	omg	29.63	-0.7	53	52	-2	WSW	5	omg	4	60	51	0.14		
Donaghadee	29.82	64	WSW	4	bc	29.69	-0.7	55	54	-3	WSW	3	o	1	64	55	0.01		
Parsonstown	29.89	62	W	3	bc	29.73	-1.5	56	54	0	S	1	o	*	63	54	0.01		
Barrow-in-Furness	29.87	60	WSW	4	c	29.79	0.0	57	55	-1	SW	5	o	6	62	56	-		
†Holyhead	29.93	60	SW	3	o	29.79	-0.6	57	55	-1	SSW	3	o	3	63	54	0.01		
Liverpool (Widston)	29.91	60	W	3	o	29.80	-0.5	60	55	+3	SSW	2	o	2	63	51	-		
†Valentia	29.96	60	SW	3	og	29.76	-2.1	59	56	0	SW	4	o	4	63	56	-		
Roche's Point	29.99	61	SW	4	b	29.79	-1.6	58	55	0	WSW	3	o	3	66	54	-		
Pembroke	29.95	59	WSW	3	bc	29.81	-1.0	58	56	0	WSW	3	o	2	61	57	-		
†Scilly	30.01	61	WSW	4	c	29.88	-1.6	60	58	-1	WSW	5	of	5	68	57	0.05		
Prawle Point	30.04	61	SW	3	c	29.88	-2.0	58	58	0	S	4	n	4	65	57	0.08		
Hurst Castle	30.03	64	W	5	bc	29.91	-1.2	60	59	-3	S	4	ond	3	67	58	-		
†Dover	30.01	62	SW	4	b	29.95	-0.8	63	60	+3	WSW	3	bc	2	65	58	0.03		
†London	29.98	68	W	3	c	29.93	-0.7	62	60	-1	SW	3	o	*	72	56	-		
Oxford	29.99	61	SW	1	bc	29.88	-0.9	61	59	-1	SSW	1	o	*	67	58	-		
Cambridge	29.95	66	W	1	o	29.89	-0.3	61	60	-2	SW	4	o	*	72	54	-		
†Yarmouth	29.94	66	W	3	bc	29.91	0.0	65	61	+2	SSW	3	bc	3	70	55	-		
The Helder	29.97	62	WSW	3	o	29.94	+0.1	62	60	+4	SW	1	c	6	66	?	0.24		
Cape Gris Nez	30.04	62	WSW	5	c	30.00	-0.5	62	61	+1	SW	5	c	3	64	57	0.12		
†Jersey	30.11	63	WSW	2	og	29.98	-1.8	60	60	0	SW	3	og	3	63	58	0.07		
Brest	30.10	61	SW	4	m	29.97	-1.9	60	60	0	SW	5	n	4	64	?	-		
Lorient	30.13	66	WSW	3	c	29.99	-1.7	64	62	0	SW	4	c	1	72	59	-		
†Rochefort	30.06	74	NNW	5	b	30.01	-1.8	67	63	+3	NNW	5	b	0	82	59	-		
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Cocunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.99	-0.9	65	62	+2	SW	3	b	*	73	57	0.16		
Charleville	30.04	75	SW	1	bc	30.02	-1.6	62	59	+2	WSW	1	b	*	82	55	-		
Paris	30.08	75	WSW	3	b	29.99	-2.0	66	59	-1	W	0	b	*	*	*	-		
Lyons	30.09	82	SE	7	b	30.10	-2.0	69	54	+8	S	4	o	*	90	?	-		
Toulon	30.21	77	S	1	b	30.19	-0.9	69	58	-7	W	0	bc	1	84	66	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.63	56	W	2	o	28.56	+0.1	53	52	0	W	2	o	*	57	48	0.01		

HIGH LEVEL STATION.

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

Hawes Junction	28.63	56	W	2	o	28.56	+0.1	53	52	0	W	2	o	*	57	48	0.01
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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 ...	29.66	54	53	302	7	A	5	Valentia ...	29.99	61	57	SW	3	o	4
Sumburgh Head								Scilly ...	30.05	67	65	SW	4	c	4
Stornoway ...	29.57	61	60	W	4	o	4	Dover ..	30.03	65	62	WSW	5	b	4
Aberdeen ...	29.61	68	62	WSW	2	o	1	London ...	30.00	70	62	WSW	3	c	*
Shields ...	29.78	63	59	W	2	o	2	Yarmouth ...	29.93	69	61	W	4	bc	2
Ardrossan ...	29.79	58	55	WSW	4	o	3	Jersey ...	30.15	62	62	WSW	3	f	3
Mullaghmore ...	29.82	58	55	SW	5	ogm	4	Rochefort ...	30.13	79	67	NNW	4	b	1
Holyhead ...	29.93	62	59	WSW	4	bc	3								
								Ben. Nevis (4406 ft)	25.20	41	41	NW	2	o	42.34 0.87

Ben Nevis (4406 ft.) 25.20 41 41 NW 2 0 Meas Min Ram 42.34 0.8

The barometer is rising slowly all over these islands, and the depression noticed in N. Scotland this morning has passed a little eastward. The wind remains W. but has fallen light, while the weather is fair except in the W. and N. Temperature has risen, and ranges from 70° in London to 52° at Mullaghmore.

EXPLANATION OF COLUMNS.

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

SUNDAY, 31ST JULY.

1881.

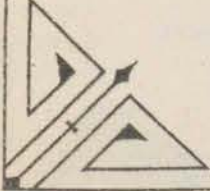
ISSUED BY THE

METEOROLOGICAL OFFICE

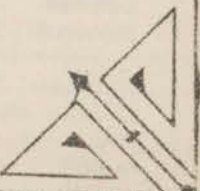
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ROBERT H. SCOTT
(SECRETARY.)



Printed by W. J. G. Balfour, 11, St. James's Garden.

WEATHER CHARTS

for 8 a.m. on SUNDAY, 31ST JULY.

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.

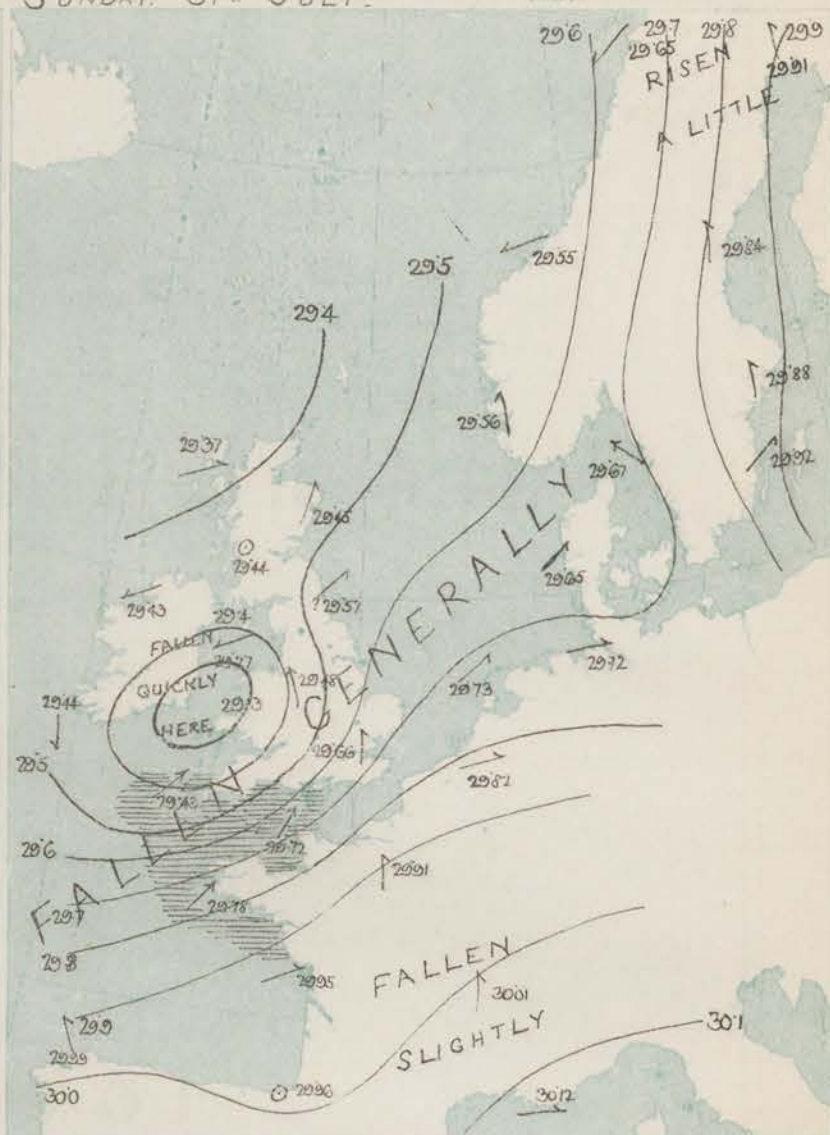
Wind Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10;
 → forces 5 to 7; → forces 1 to 4;
 ○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of July

Stations	Mean Readings in.
Saarn	29.583
Aberdeen	29.566
Leith	29.507
Scarborough	29.441
Ardrossan	29.473
Greenock	29.417
Holyhead	29.396
Valencia	29.365
Roche's Pt.	29.351
Plymouth	30.000
LONDON	29.953
Wormouth	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.

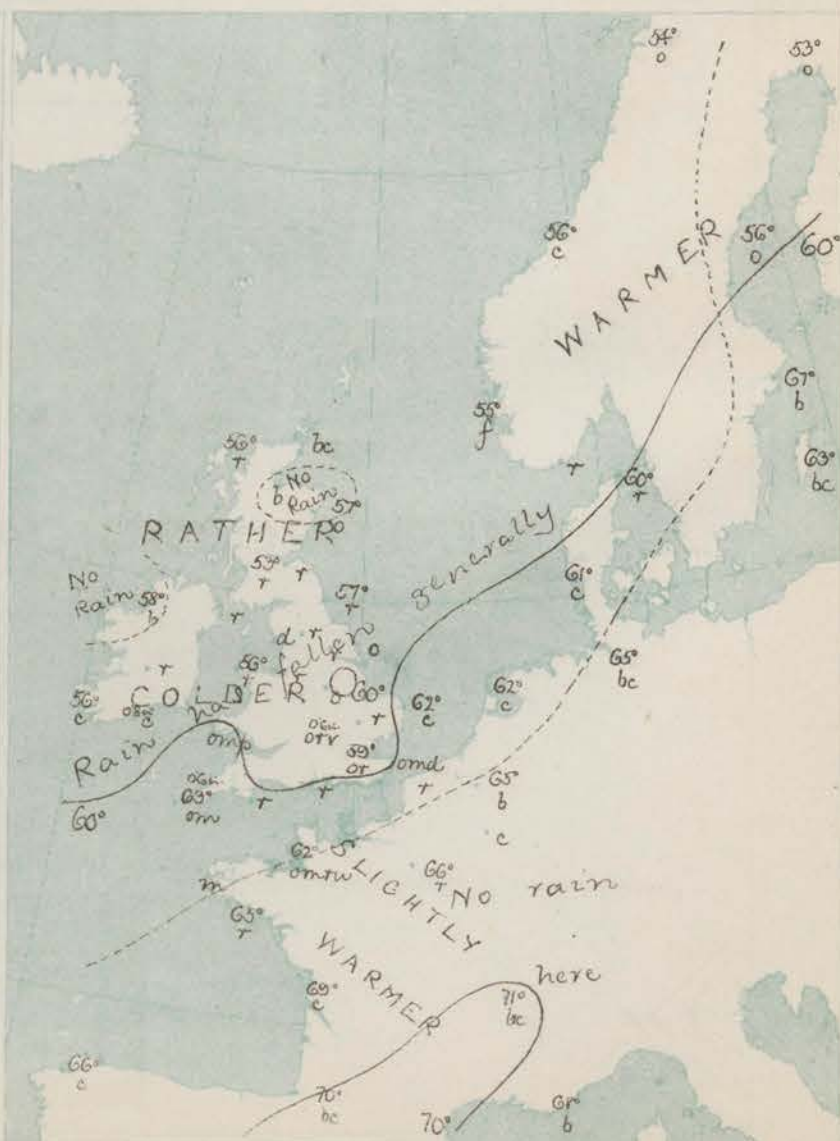
Weather letters of the Beaufort Scale show state of Weather at 8 a.m.

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

MEANS* OF TEMPERATURE AND RAINFALL for the month of July

Stations	Temp.	Rain-fall.
Sundburgh Head	59.2	1.25
Stornoway	57.1	1.50
Aberdeen	58.3	2.42
Shetland	60.0	2.40
York	61.0	2.16
Mullaghmore	60.2	1.00
Holyhead	61.8	1.60
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.2	2.40
Hurst Castle	62.8	1.00
Dover	62.2	2.40
LONDON	64.3	2.40
Wormouth	63.5	2.50

* 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 Sunday 31st July 1887 at 8 a.m.

During the past night a deep and well marked depression has advanced from the Atlantic across Ireland, and the centre is now shown over the Irish Sea. It has occasioned a fall of over half an inch in the barometer over the Irish Sea, and a more or less brisk fall in all parts of the Kingdom while a subsidiary depression is causing a decided decrease of pressure over Denmark and Norway, and a large shallow disturbance lies to the N^W of Scotland. The wind is governed by these centres, it is SW^l over France and the Channel, S^l over Eastern and central England, E^l on our north-west coast, and N^l in south Ireland, while in Scotland it is SW^l, and to the E^W of the North Sea SW^l to SE^l. It blows strongly over the Channel. Temperature has fallen somewhat and ranges from 63° at Scilly to 51° at Donaghadee. The weather is very unsettled, and heavy rain is falling in nearly all parts of the country, except the NE. of Scotland. The sea is rough in the SW., moderate generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon on the

ISSUED AT 11 a.m. on previous day

DISTRICTS

FORECASTS

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

NONE ISSUED

DISTRICTS

FORECASTS

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

NONE ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 31st JULY 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 ...	29.82	53	SW	4	c	29.91	+ .16	53	50	0	S	2	0	*	59	50	—		
Hernösand ...	29.84	56	S	2	c	29.84	+ .02	56	54	0	S	4	0	*	66	43	—		
Stockholm ...	29.90	59	SSW	2	0	29.88	— .02	67	60	+ 8	S	2	0	*	68	52	—		
Wisby ...	29.94	60	SW	2	b	29.92	+ .01	63	59	+ 5	SW	4	0	*	70	52	—		
Bodö ...	29.66	49	SW	3	0	29.65	+ .01	54	50	+ 6	NE	1	0	1	70	46	0.04		
Christiansund ...	29.68	55	E	1	r	29.55	— .13	56	54	+ 6	ENE	2	0	1	59	45	0.16		
†Skudesnaes ...	29.72	56	SSE	4	0	29.56	— .16	55	55	0	SSE	2	0	4	57	50	—		
Oxö (Xiänsund) ...	29.84	58	SSW	2	0	29.63	— .21	59	59	+ 2	ESE	4	0	2	63	57	0.16		
Skagen (The Skaw) ...	29.85	61	SW	2	c	29.67	— .18	60	59	+ 2	SSE	5	0	4	68	57	0.04		
Fanö ...	29.84	58	SW	2	c	29.65	— .19	61	60	— 1	SW	2	0	*	66	55	0.32		
Cuxhaven ...	29.93	?	S	2	b	29.72	— .21	65	63	+ 4	WSW	3	0	*	70	57	—		
†Sumburgh Head ...	29.40	57	WSW	6	bc	29.37	— .03	56	55	— 1	WSW	4	0	4	59	47	0.01		
†Stornoway ...	29.47	58	SSW	4	bc	29.40	— .07	56	52	— 4	S	2	0	2	63	45	0.01		
Wick ...	29.47	58	SSW	4	bc	29.40	— .07	56	52	— 4	S	2	0	2	63	45	0.01		
Nairn ...	29.49	60	WSW	2	bc	29.41	— .08	57	52	+ 5	WSW	2	0	1	65	47	—		
†Aberdeen ...	29.56	58	S	2	c	29.45	— .11	57	52	+ 5	SSW	1	0	1	62	48	—		
Leith ...	29.58	59	SW	2	0	29.46	— .12	58	53	— 5	E	1	0	3	60	51	0.08		
†Shields ...	29.62	61	WSW	3	0	29.57	— .05	57	56	— 1	SW	3	0	2	63	52	0.04		
Spurn Head ...	29.69	62	SSE	1	0	29.57	— .12	59	58	— 1	S	5	0	4	66	55	0.12		
York ...	29.68	64	W	1	0	29.47	— .21	59	58	+ 1	S	1	0	*	70	55	0.06		
Nottingham ...	29.72	62	SW	2	0	29.48	— .24	60	58	— 2	SSE	6	0	*	67	55	0.29		
†Ardrossan ...	29.57	56	SSW	4	r	29.44	— .13	53	52	— 1	Z	0	0	0	57	48	0.13		
†Mullaghmore ...	29.58	58	WSW	4	0	29.43	— .15	58	54	+ 4	ENE	1	0	4	63	52	—		
Donaghadee ...	29.69	58	SSW	3	0	29.43	— .26	57	51	— 6	E	2	0	0	61	50	0.34		
Parsonstown ...	29.64	59	WSW	2	0	29.40	— .24	54	53	— 1	NW	2	0	*	63	53	0.36		
Barrow-in-Furness ...	29.66	58	SW	4	0	29.41	— .25	56	56	— 1	ESE	4	0	4	61	55	0.26		
†Holyhead ...	29.68	60	SSW	4	c	29.27	— .41	56	56	— 1	ENE	3	0	2	61	54	0.22		
Liverpool (Bidston) ...	29.68	60	SW	2	0	29.37	— .31	57	56	— 1	ESE	3	0	2	65	55	0.30		
†Valentia ...	29.65	58	SW	3	0	29.44	— .21	56	53	— 3	N	4	0	4	62	54	0.41		
Roche's Point ...	29.69	59	WSW	5	0	29.33	— .36	57	55	— 2	NNE	5	0	4	64	54	0.75		
Pembroke ...	29.71	58	SW	4	0	29.29	— .42	60	60	+ 2	SSW	6	0	4	62	56	0.42		
†Scilly ...	29.78	61	SW	5	0	29.43	— .35	63	63	+ 2	SW	7	0	6	66	58	0.64		
Prawle Point ...	29.82	59	SW	3	0	29.51	— .31	60	60	+ 2	SSW	5	0	0	62	57	0.23		
Hurst Castle ...	29.84	61	W	6	c	29.60	— .24	60	60	— 0	SW	7	0	5	64	59	0.33		
†Dover ...	29.81	62	SW	4	cg	29.72	— .09	60	59	— 1	SSW	4	0	3	67	59	0.03		
†London ...	29.79	65	WSW	2	op	29.66	— .13	59	59	— 0	S	3	0	*	67	53	0.19		
Oxford ...	29.77	60	Z	0	0	29.53	— .24	58	58	— 0	SSE	4	0	*	65	58	0.63		
Cambridge ...	29.75	66	S	1	0	29.61	— .14	59	59	— 0	S	1	0	*	68	55	0.21		
†Yarmouth ...	29.74	65	S	3	bep	29.68	— .06	62	60	— 2	SSW	3	0	3	69	56	0.08		
The Helder ...	29.77	65	NE	1	b	29.73	— .04	62	59	— 3	SW	4	0	2	72	61	0.16		
Cape Gris Nez ...	29.88	52	SW	7	0	29.77	— .11	62	61	— 1	SSW	5	0	3	70	59	0.04		
†Jersey ...	29.94	62	W	2	og	29.72	— .22	62	61	+ 1	SSW	6	0	5	64	59	0.17		
Brest ...	29.93	62	SW	5	0	29.70	— .23	61	61	+ 0	SW	7	0	5	64	61	0.16		
Lorient ...	29.93	66	W	4	c	29.78	— .15	65	62	+ 3	SW	7	0	6	70	60	—		
†Rochefort ...	30.03	71	W	4	0	29.95	— .08	69	66	+ 3	WSW	5	0	2	77	61	—		
Biarritz ...	30.08	49	N	4	0	29.96	— .12	70	66	— 4	E	1	0	2	77	64	—		
Corunna ...	*	*	*	*	*	29.99	— .14	66	*	?	SSE	2	0	4	*	*	*		
Brussels ...	*	*	*	*	*	29.82	— .17	65	60	— 5	WSW	4	0	*	81	60	—		
Charleville ...	29.84	80	SW	3	c	29.84	— .08	63	60	+ 3	S	1	0	*	86	59	—		
Paris ...	29.91	79	SSW	3	bc	29.91	— .08	66	59	— 7	S	3	0	*	*	*	—		
Lyons ...	29.95	82	S	7	0	30.04	— .09	71	59	+ 12	S	1	0	*	90	62	—		
Toulon ...	30.13	73	WSW	1	b	30.02	— .11	68	66	— 2	W	3	0	1	82	64	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction ...	28.45	55	SSW	2	0	28.25	— .20	52	52	— 0	SSE	1	0	*	56	51	0.28		

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

Hawes Junction	28.45	55	SSW	2	0	28.25	— .20	52	52	— 0	SSE	1	0	0	*	56	51	0.28
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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 ...	29.78	57	55	SSE	6	om	5	Valentia ...	29.72	59	56	SW	3	op	4
Sumburgh Head								Scilly ...	29.86	62	60	WSW	5	o	4
Stornoway ...	29.40	58	56	SW	7	cg	6	Dover ..	29.85	64	64	SW	2	bc	1
Aberdeen ...	29.58	59	56	S	4	og	1	London ...	29.81	66	64	S	4	op	*
Shields ...	29.68	63	58	SW	5	o	2	Yarmouth ...	29.84	66	62	SW	2	p	2
Ardrossan ...	29.62	56	54	SSW	4	r	3	Jersey ..	29.96	64	59	W	3	c	3
Mullaghmore ...	29.61	60	54	WSW	5	bc	4	Rochefort ...	30.06	75	67	WNW	4	o	2
Holyhead ...	29.74	59	57	SSW	4	c	3	Ben Nevis 4406 ft.							
								a		Not	Received.				

A further slight fall of the barometer is reported generally with light to strong SW winds and cloudy showery weather. Temperature ranges from 66° at Dover 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).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 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.			
				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.	Amount of Rainfall.	
1st.	Sumburgh Hd.	29.86	50	SE	5	A	29.61	- .43	51	51	- 2	SW	1	0	3	56	48	0.28	
	Corunna	*	*	*	*	*	30.13	- .01	64	*	+ 2	NNW	2	0	4	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.66	-	58	55	-	WSW	4	0	3	-	-	-	
2nd.	Sumburgh Hd.	29.70	53	WSW	3	A	29.88	+ .27	52	50	+ 1	WSW	4	0	4	59	46	0.02	
	Biarritz	30.02	67	W	5	C	30.04	+ .03	68	60	- 9	N	5	2	3	72	67	0.16	
	Corunna	*	*	*	*	*	30.13	- .00	64	*	0	NE	1	0	5	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.89	-	56	53	-	WSW	4	0	4	-	-	-	
3rd.	Sumburgh Hd.	29.89	51	WSW	4	A	29.52	- .36	53	52	+ 1	WSW	5	2	4	56	47	0.29	
4th.	Sumburgh Hd.	29.64	51	WSW	5	F	29.81	+ .29	51	50	- 2	S	3	2	3	54	47	0.01	
	Corunna	*	*	*	*	*	30.11	- .01	71	*	+ 3	NE	1	0	1	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.75	-	55	54	-	WSW	5	2	4	-	-	-	
5th.	Sumburgh Hd.	29.79	52	WSW	5	O	29.88	+ .09	51	50	0	WSW	6	0	5	56	43	0.08	
	Corunna	*	*	*	*	*	30.13	+ .02	68	*	+ 3	SSW	1	0	2	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.95	-	56	53	-	WSW	4	0	4	-	-	-	
6th.	Bodo	29.83	46	NNE	2	O	30.01	+ .32	44	40	- 1	NW	2	0	1	48	41	-	
	Christiansund	29.88	51	NNW	4	C	30.01	+ .32	52	50	- 3	SE	1	0	3	54	39	0.12	
	Sumburgh Hd.	29.96	53	W	2	O	29.75	- .13	50	50	- 1	SE	6	2	6	57	47	0.35	
	The Helder	30.04	68	NE	1	C	29.80	- .37	68	64	+ 2	ESE	2	0	2	75	66	-	
	Corunna	*	*	*	*	*	30.22	+ .09	66	*	- 2	WSW	2	0	2	*	*	*	
	Charleville	30.01	37	S	1	B	29.95	- .25	73	64	+ 1	S	1	0	8	91	64	-	
	Sumburgh Hd 2pm	-	-	-	-	-	29.65	-	52	52	-	SE	6	2	6	-	-	-	
7th.	Sumburgh Hd.	29.58	51	SE	6	A	29.54	- .21	50	50	0	ENE	4	2	4	53	47	1.37	
	Corunna	*	*	*	*	*	30.25	+ .03	65	*	- 1	NE	1	0	4	*	*	*	
	Brussels	*	*	*	*	*	30.10	+ .23	58	50	- 19	W	7	0	7	80	53	0.12	
	Sumburgh Hd 2pm	-	-	-	-	-	29.60	-	55	53	-	ENE	4	0	4	-	-	-	
8th.	Sumburgh Hd.	29.66	55	NE	4	A	29.78	+ .24	53	52	+ 3	NNW	2	0	3	56	47	0.15	
	Corunna	*	*	*	*	*	30.05	- .20	780	*	+ 115	N	2	0	4	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.82	-	53	52	-	NW	2	0	3	-	-	-	
9th.	Sumburgh Hd.	29.83	51	NW	1	O	29.85	+ .07	51	50	- 2	N	3	0	3	58	47	0.01	
	Corunna	*	*	*	*	*	30.23	+ .18	69	*	- 11	NNW	1	0	1	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.86	-	54	50	-	W	3	0	3	-	-	-	
10th.	Sumburgh Hd.	29.85	53	W	2	B	29.84	- .01	53	50	+ 2	SE	1	0	0	56	46	-	
11th.	Sumburgh Hd.	29.88	54	S	2	C	29.73	- .11	55	54	+ 2	S	4	0	4	58	48	0.09	
	Corunna	*	*	*	*	*	30.06	- .08	60	*	- 7	ESE	1	0	2	*	*	*	
	Loulou	30.01	72	WNW	8	B	30.06	- .00	77	61	+ 10	Z	0	0	5	77	70	-	
	Sumburgh Hd 2pm	-	-	-	-	-	29.70	-	61	58	-	S	5	0	1	-	-	-	
12th.	Sumburgh Hd.	29.70	55	SW	4	A	29.81	+ .08	56	52	+ 1	SW	3	0	3	62	47	0.01	
	Corunna	*	*	*	*	*	30.14	+ .08	?	*	?	NNE	2	0	4	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.83	-	56	52	-	SW	3	0	3	-	-	-	
13th.	Sumburgh Hd.	29.80	53	SW	2	C	29.62	- .19	55	52	- 1	SW	5	0	5	59	42	0.06	
	Corunna	*	*	*	*	*	30.12	- .02	70	*	?	NE	2	0	4	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.73	-	56	52	-	SW	5	0	5	*	*	*	
14th.	Sumburgh Hd.	29.81	55	SW	5	C	29.94	+ .12	54	52	- 1	W	3	0	3	57	38	-	
	The Helder	30.22	64	SW	1	B	30.26	+ .16	66	63	+ 3	SW	1	0	1	68	63	-	
	Corunna	*	*	*	*	*	29.98	- .14	72	*	+ 2	NNE	1	0	1	*	*	*	
	Charleville	30.23	77	WNW	3	B	30.26	+ .18	67	59	- 2	E	1	0	8	84	54	-	
	Alions	30.15	87	NNW	3	B	30.25	+ .05	72	61	- 9	N	3	0	4	93	68	-	
	Loulou	30.13	79	Z	0	B	30.17	+ .02	75	64	- 2	E	1	0	1	82	68	-	
	Sumburgh Hd 2pm	-	-	-	-	-	29.95	-	55	62	-	SW	2	0	2	-	-	-	
15th.	Sumburgh Hd.	29.90	53	S	2	F	29.67	- .27	56	55	+ 2	SW	5	0	5	58	50	0.10	
	Corunna	*	*	*	*	*	29.93	- .05	85	*	+ 13	NNE	7	0	1	*	*	*	
	Sumburgh Hd 2pm	-	-	-	-	-	29.73	-	55	52	-	WSW	5	0	5	-	-	-	
16th.	Sumburgh Hd.	29.83	53	WSW	4	B	29.91	+ .24	52	49	- 4	WSW	5	0	5	59	49	-	
	The Helder	30.00	72	SW	1	B	30.00	- .16	64	62	- 6	NNE	2	0	2	81	63	0.03	
	Lorient	30.01	77	NW	1	B	30.08	+ .02	67	62	- 3	NE	3	0	1	93	63	-	
	Corunna	*	*	*	*	*	29.95	+ .02	67	*	- 18	NW	1	0	1	*	*	*	
	Brussels	*	*	*	*	*	29.9	- .19	77	70	0	WNW	1	0	1	93	71	-	
	Sumburgh Hd 2pm	-	-	-	-	-	29.94	-	55	52	-	W	4	0	4	-	-	-	
17th.	Sumburgh Hd.	29.95	53	WNW	5	B	29.91	- .00	53	50	+ 1	WSW	4	0	4	57	46	-	
18th.	Bodo	29.54	45	NW	5	A	29.57	+ .14	46	42	0	W	4	0	3	64	43	0.08	
	Christiansund	29.71	50	NNW	4	A	29.63	- .08	51	47	+ 2	SSW	1	0	2	50	39	0.39	
	Sumburgh Hd.	29.62	51	ESE	4	A	29.63	- .28	53	53	0	SW	4	0	4	57	46	0.27	
	Alions	29.97	91	N	3	B	30.05	+ .08	74	63	- 7	NNW	1	0	4	96	70	-	
	Sumburgh Hd 2pm	-	-	-	-	-	29.66	-	51	53	-	W	4	0	4	-	-	-	
19th.	Sumburgh Hd.	29.71	53	W	4	C	29.77	+ .14	52	50	- 1	SSW	3	0	3	58	49	-	
	The Helder	29.98	68	WSW	1	B	29.93	- .04	70	65	+ 3	ESE	1	0	1	75	59	-	
	Brussels	*	*	*	*	*	29.91	- .13	73	68	+ 1	Z	0	0	4	88	66	-	
	Charleville	30.11	88	S	1	B	29.94	- .?	72	64	?	S	1	0	4	93	64	-	
	Sumburgh Hd 2pm	-	-	-	-	-	29.76	-	56	53	-	SSW	3	0	2	-	-	-	
20th.	Sumburgh Hd.	29.73	54	SSW	3	C	29.58	- .19	54	52	+ 2	SSW	1	0	1	59	58	-	
	The Helder	29.81	70	NNW	1	B	29.71	- .22	77	66	+ 1	ENE	1	0	1	77	66	-	

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

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.			
		Barometer at 32° F. 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. Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
20 th	Sumburgh Hd 2pm	-	-	-	-	-	29.54	-	58	55	-	SSW	3	0	2	-	-	-
21 st	Sumburgh Hd	29.51	54	WNW	2	C	29.75	+ .17	50	45	- 4	NW	5	0	4	60	43	0.13
	Lyons	29.81	57	NNW	1	C	29.86	- .07	71	65	- 5	ENE	1	0	4	97	67	0.08
22 nd	Sumburgh Hd	29.79	49	WNW	5	C	29.78	+ .03	52	48	+ 2	ENE	3	0	3	53	39	-
	Corunna	"	"	"	"	"	30.04	+ .12	64	"	- 4	NE	1	0	1	"	"	"
	Sumburgh Hd 2pm	-	-	-	-	-	29.69	-	50	49	-	ENE	4	0	4	-	-	-
23 rd	Sumburgh Hd 2pm	-	-	-	-	-	29.82	-	52	48	-	WNW	6	0	5	-	-	-
	Sumburgh Hd	29.62	50	ENE	5	0	29.69	- .09	51	49	- 1	ENE	5	0	5	58	42	0.21
	St. Helier	29.92	61	SW	3	0	29.89	- .12	62	59	+ 3	W	2	0	2	66	57	-
	Lyons	30.05	74	NNW	1	C	30.17	+ .11	69	58	+ 6	NW	3	0	4	77	59	-
	Sumburgh Hd 2pm	-	-	-	-	-	29.76	-	52	48	-	ENE	4	0	4	-	-	-
24 th	Sumburgh Hd	29.77	52	ENE	3	0	29.71	+ .02	52	50	+ 1	ENE	3	0	2	56	47	-
	St. Helier	-	-	-	-	-	29.68	- .14	60	55	+ 7	W	1	0	1	62	51	0.03
	Corunna	"	"	"	"	"	30.06	- .15	68	"	+ 3	NE	1	0	2	"	"	"
	St. Helier 2pm	-	-	-	-	-	29.81	-	58	54	-	SE	1	0	3	-	-	-
	Rockford 2pm	-	-	-	-	-	30.12	-	73	66	-	WSW	5	0	2	-	-	-
25 th	Sumburgh Hd	29.64	53	SE	3	0	29.49	- .22	54	53	+ 2	ENE	4	0	3	56	49	0.10
	Sumburgh Hd 2pm	-	-	-	-	-	29.47	-	53	52	-	ENE	4	0	3	-	-	-
26 th	Sumburgh Hd	29.47	53	ENE	4	C	29.52	+ .03	49	46	- 3	ENE	5	0	4	58	45	-
	Corunna	"	"	"	"	"	29.87	- .18	66	"	- 1	N	1	0	5	"	"	"
	Lyons	29.76	84	SW	1	0	29.64	- .33	73	61	+ 1	S	3	0	4	90	71	-
	Sumburgh Hd 2pm	-	-	-	-	-	29.61	-	51	48	-	N	5	0	4	-	-	-
27 th	Sumburgh Hd	29.67	49	NNW	5	C	29.73	+ .26	51	46	+ 2	WNW	4	0	4	53	42	0.03
	St. Helier	30.04	67	NNW	5	C	30.13	+ .31	66	61	- 5	E	1	0	4	75	59	0.04
	Corunna	"	"	"	"	"	30.03	+ .16	66	"	0	E	1	0	1	"	"	"
	Sumburgh Hd 2pm	-	-	-	-	-	29.75	-	56	52	-	W	4	0	4	-	-	-
28 th	Sumburgh Hd	29.74	53	WNW	5	C	29.76	- .02	51	48	0	WNW	4	0	4	57	45	-
	Lyons	30.09	69	NNW	1	C	30.29	+ .22	59	52	0	N	3	0	4	72	58	-
	Sumburgh Hd 2pm	-	-	-	-	-	29.78	-	55	51	-	WNW	4	0	4	-	-	-
29 th	Sumburgh Hd	29.77	52	WNW	4	C	29.61	- .15	53	51	+ 2	WSW	3	0	3	56	40	0.01
	Corunna	"	"	"	"	"	30.03	?	65	"	?	S	1	0	2	"	"	"
	London	30.18	77	SW	1	C	30.28	+ .24	76	58	+ 14	E	4	0	1	84	61	-
	Sumburgh Hd 2pm	-	-	-	-	-	29.56	-	58	53	-	SE	3	0	3	-	-	-
30 th	Sumburgh Hd	29.55	55	S	3	M	29.52	- .09	54	62	+ 1	S	4	0	3	55	42	0.03
	Sumburgh Hd 2pm	-	-	-	-	-	2	-	55	53	-	SSW	5	0	4	-	-	-
31 st	Sumburgh Hd	29.46	55	SSW	5	C	29.40	- .12	55	53	+ 1	SSW	2	0	3	58	47	0.02
2. CORRECTIONS																		
5 th	Nair	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
6 th	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
	Rock's Point	-	-	-	-	-	-	-	-	60	-	-	-	-	-	-	-	-
7 th	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.37
	Androsson	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
	Dover	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	0.03
	Rockford	30.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hamer Junction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8 th	Barrow-in-Furness	29.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 th	Androsson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12
	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10 th	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	-
	Valencia	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	0.17
11 th	Barrow-in-Furness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04
	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-
13 th	Spinn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03
	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15 th	St. Helier	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	no rain
	Sally	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 th	St. Helier	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-
17 th	Cusham	-	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18 th	Cusham	-	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	St. Helier	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.17
	Dover	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-
20 th	Cusham	-	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	no rain
	Valencia	-	-	-	-	-	-	-	-	56	-	-	-	-	-	-	-	0.10
	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21 st	Marlaghmore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	53	-
22 nd	Haparsidd	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	St. Helier	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 rd	St. Helier	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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