

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1882.



Dangerfield Lith London 2315

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC 31ST 1882.

DAILY WEATHER REPORT

F O R

SATURDAY, 1ST JULY.

1882

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*
D^o D^o Bookpost 5^d 10^d

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SATURDAY 1ST JULY.

1882

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;

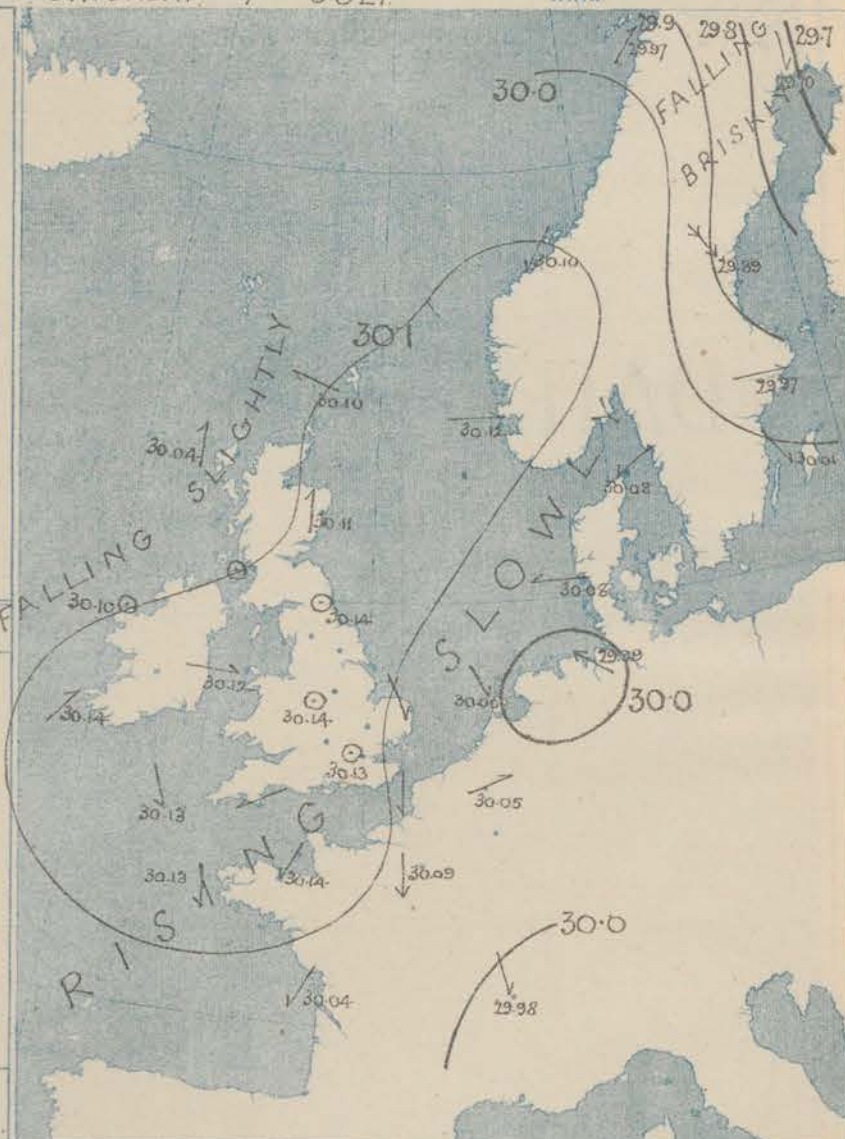
○ = dead calm.

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	29.917
Holyhead	29.946
Valencia	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.

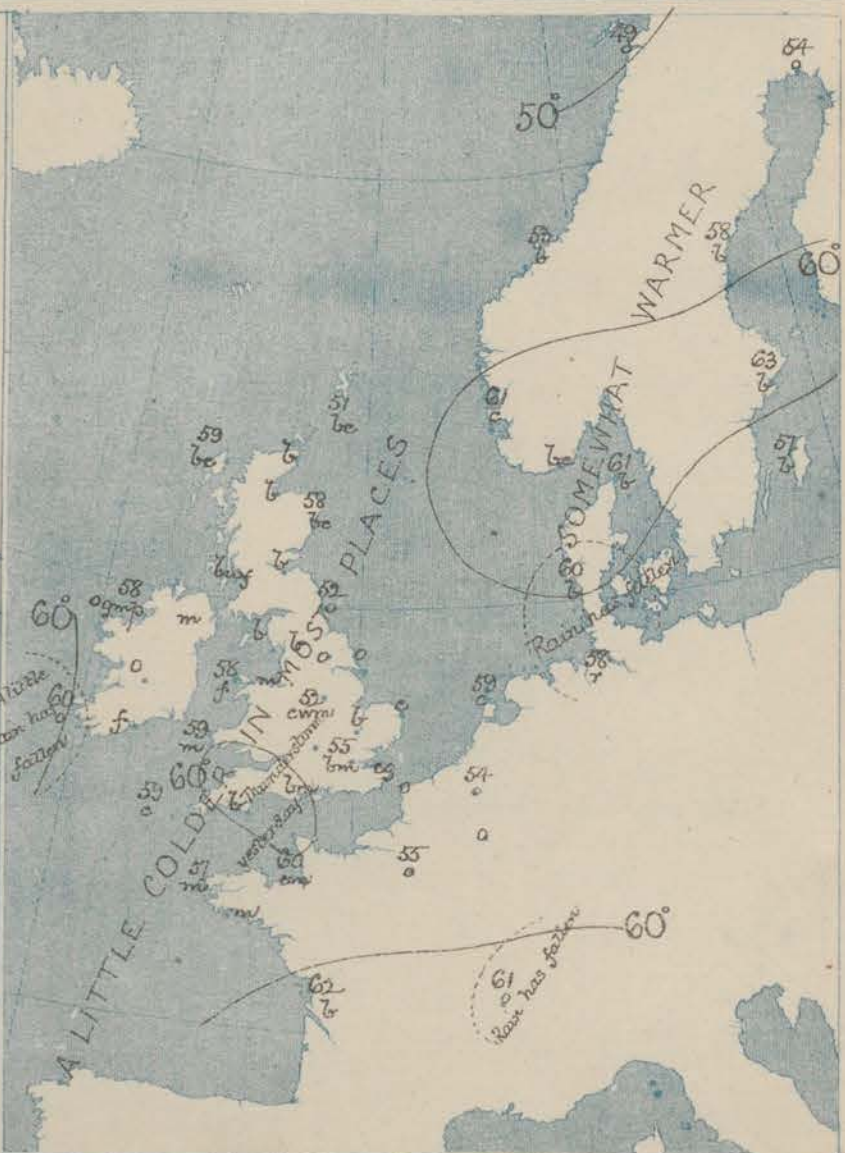
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
	°	ins.
Sunbury Head	63.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	2.30
Yarmouth	62.5	2.59

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



REMARKS

for Saturday 1st JULY 1882 at 8 a.m.

The barometer is rising slowly over the south of England and north of France as well as on the eastern shores of the North Sea, and a large anticyclone now lies over our Islands and the northern part of the German Ocean. In Ireland and Scotland, however, the barometer is falling. Light S^W breezes prevail in the N. of Scotland, but in most other districts N^E or variable airs are reported, while in France the wind draws into NE. The weather is fine generally, but a good deal of fog or mist prevails along our N. coasts, and some haze in the south. A thunderstorm occurred at Hurst Castle yesterday, and a little rain also fell at Lumbury Head and Talencia, but with these exceptions the weather was dry generally. Temperature has fallen a little in most places and is irregularly distributed, at Liverpool and Cowes Point the thermometer stands at 62° and at Ardrossan at 61°, but at Loughboro' it is as low as 52° and at Lumbury Head has fallen to 51°. In the course of yesterday a maximum of 75° was recorded at Loughboro and Parsonstown. The sea is smooth generally.

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

1	SCOTLAND NORTH	S ^W winds, moderate or fresh; cloudy, some showers.
2	SCOTLAND EAST	Variable airs; fine generally.
3	ENGLAND N.E.	Same as No 5
4	ENGLAND EAST	Same as No 5
5	MIDLAND COUNTIES	Variable or N ^E airs; fine, warm.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	S ^W breezes, light; fair generally.
7	ENGLAND N.W.	Variable or S ^W airs; fine.
8	ENGLAND S.W.	Wind generally N ^E , light; fair on the whole.
9	IRELAND NORTH	S ^W and S ^N breezes, light or moderate; cloudy, some slight showers.
10	IRELAND SOUTH	Same as No 5
WARNINGS		NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

1st JULY

1882

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	29.80	55	NW	2	c	29.70	- .27	54	48	+ .4	N	4	0	*	64	41	-	
Hernösand	29.95	64	WNW	4	bc	29.89	- .06	58	48	0	NNW	8	6	*	72	43	-	
Stockholm	30.05	54	W	2	b	29.97	- .10	63	53	+ .8	W	4	6	*	64	43	-	
Wisby	30.01	50	NE	2	b	30.01	+ .04	57	53	+ .3	NW	2	6	*	63	50	-	
Bodö	30.06	48	SW	4	h	29.97	- .14	49	46	- .2	SW	4	0	3	52	45	-	
Christiansund	30.14	52	NNE	4	b	30.10	- .04	53	48	- .1	NE	4	6	2	55	46	-	
†Skudesnaes	30.12	59	NW	2	bc	30.12	+ .09	61	58	+ .2	W	2	c	2	?	59	-	
Orö (Xiansund)	30.08	59	E NE	2	b	30.09	+ .08	61	58	+ .1	SSW	2	bc	1	61	52	-	
Skagen (The Skaw)	30.06	60	E	2	b	30.08	+ .07	61	57	+ .3	E NE	2	6	0	68	55	-	
Fanö	30.04	57	E	4	c	30.08	+ .13	60	55	+ .3	E	4	6	*	64	52	0.04	
Cuxhaven	29.96	?	WNW	2	c	29.99	- .03	58	57	- .2	ESE	5	h	*	61	54	0.04	
†Sumburgh Head	30.16	53	NE	3	c	30.10	- .04	51	50	- .4	ESE	1	bc	2	57	47	-	
†Stornoway	30.12	59	E NE	4	b	30.04	- .15	59	55	+ .4	S	3	bc	3	59	46	-	
Wick	30.17	57	E	1	b	30.10	- .10	54	52	0	SE	2	6	2	60	50	-	
Nairn	30.15	57	NE	3	b	30.10	- .11	55	50	- .3	NW	1	6	1	62	44	-	
†Aberdeen	30.16	57	NE	3	b	30.11	- .07	58	53	- .1	S	1	bc	2	67	45	-	
Leith	30.14	62	E	2	b	30.12	- .05	56	52	- .1	NE	1	6	*	67	50	-	
†Shields	30.14	55	E NE	3	b	30.14	- .02	52	49	- .4	E	1	0	3	57	48	-	
Spurn Head	30.11	55	N	5	b	30.11	- .02	54	53	0	NNW	4	0	3	58	51	-	
York	30.12	67	NNE	1	b	30.15	- .01	53	50	- .2	NE	1	0	*	72	44	-	
Loughborough	30.09	72	ESE	1	b	30.14	- .01	52	50	- .2	E NE	1	cm	*	75	48	-	
†Ardrossan	30.10	58	Z	0	bc	30.09	- .08	61	59	+ .3	NE	1	bfg	1	71	50	-	
†Mullaghmore	30.15	63	WNW	4	b	30.10	- .07	58	57	- .6	Z	0	gmp	1	69	56	-	
Donaghadee	30.15	60	N	2	bc	30.11	- .09	59	57	+ .4	NNE	2	m	0	62	49	-	
Parsonstown	30.14	73	NW	1	b	30.14	- .05	57	55	- .8	W	1	0	*	75	54	-	
Barrow-in-Furness	30.11	64	NW	3	bc	30.11	- .03	57	55	- .3	ESE	2	6	2	66	55	-	
†Holyhead	30.14	56	N	1	f	30.12	- .05	58	57	- .4	W	2	f	1	64	52	-	
Liverpool (Bidston)	30.12	63	WNW	2	b	30.11	- .06	62	58	+ .5	SE	1	m	1	66	54	-	
†Valencia	30.18	62	WSW	2	bc	30.14	- .04	60	58	+ .1	SW	1	0	1	65	55	0.01	
Roche's Point	30.15	60	SSW	3	bc	30.14	- .05	58	56	+ .1	W	2	f	3	66	53	-	
Pembroke	30.12	62	N	2	bc	30.12	- .02	59	57	+ .2	NNW	1	m	0	70	54	-	
†Scilly	30.13	60	NNW	5	bc	30.13	- .01	59	57	- .1	NNW	4	c	3	62	56	-	
Prawle Point	30.10	66	Z	0	c	30.12	+ .01	62	60	0	E NE	1	6	1	69	55	-	
Hurst Castle	30.09	62	S	1	cm	30.12	+ .02	59	59	- .2	Z	0	bm	0	69	50	0.08	
†Dover	30.07	60	NNE	3	og	30.10	+ .01	54	51	- .5	NE	4	cg	2	64	52	-	
†London	30.10	60	NNE	2	c	30.13	+ .01	55	52	- .2	E	1	bm	*	61	47	-	
Oxford	30.10	62	E	1	b	30.13	- .01	56	54	+ .1	NE	1	bar	*	64	48	-	
Cambridge	30.10	64	NE	1	b	30.12	- .02	57	53	+ .1	N	1	6	*	67	45	-	
†Yarmouth	30.10	56	NNW	3	bc	30.08	- .04	56	54	+ .3	NNW	2	c	3	60	51	-	
The Helder	30.03	56	?	3	c	30.00	- .07	59	57	+ .4	NNW	1	c	1	59	54	-	
Cape Gris Nez	30.09	?	NNE	4	0	30.14	+ .01	54	52	- .4	N	4	0	2	64	54	-	
†Jersey	30.10	62	NW	2	bm	30.14	- .00	60	57	+ .2	NE	1	cm	1	65	53	-	
Brest	30.12	63	N	3	b	30.13	- .01	57	57	+ .1	N	3	m	2	63	?	-	
Lorient	30.04	66	W	4	c	30.06	- .02	55	54	- .4	NE	3	m	1	66	54	-	
†Roche fort	30.11	67	NNW	5	c	30.04	- .05	62	61	0	NE	4	6	2	70	55	-	
Biarritz	*	*	*	*	*										*	*	*	
Corunna	*	*	*	*	*										*	*	*	
Brussels	*	*	*	*	*	30.05	- .03	54	50	- .5	WSW	3	0	*	69	52	-	
Charleville	*	*	*	*	*	30.02	- .09	56	53	- .6	NNE	1	0	*	73	55	-	
Paris	30.03	68	N	3	0	30.09	- .01	55	55	- .5	N	5	0	*	*	*	0.04	
Lyons	30.01	65	W	1	bc	29.98	- .09	61	59	- .1	NNW	3	0	*	72	58	0.04	
Toulon	*	*	*	*	*													

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

Hawes Junction	28.90	63	E NE	1	b	28.88	- .05	61	53	+ .3	NE	2	6	*	70	42	-
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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 ...	30.09	65	60	WNW	4	cm	3	Valencia ...	30.19	63	60	SSW	3	c	3		
Sumburgh Head	30.15	55	53	NE	3	bc	5	Scilly ...	30.14	61	58	N	4	bc	3		
Stornoway ...	30.16	59	55	E	4	b	3	Dover ..	30.10	61	57	E	2	cm	1		
Aberdeen ...	30.16	63	57	NNE	2	b	2	London ...	30.13	61	58	N	1	0	*		
Shields ...	30.16	56	53	NE	4	b	3	Yarmouth ...	30.11	58	54	NNW	3	b	3		
Ardrossan ...	30.13	68	65	W	1	c	1	Jersey...	30.13	64	61	NNW	2	bc	2		
Mullaghmore	30.16	66	61	NW	1	c	1	Roche fort ...	30.12	68	63	NNW	5	c	2		
Holyhead...	30.17	59	57	N	2	f	1	Ben Nevis (4406 ft.) 9 a.m. on 30th June							Max 54	Min 46	Range 0.02

No important change.

EXPLANATION OF COLUMNS.

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

1882

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 2nd July



1882

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.

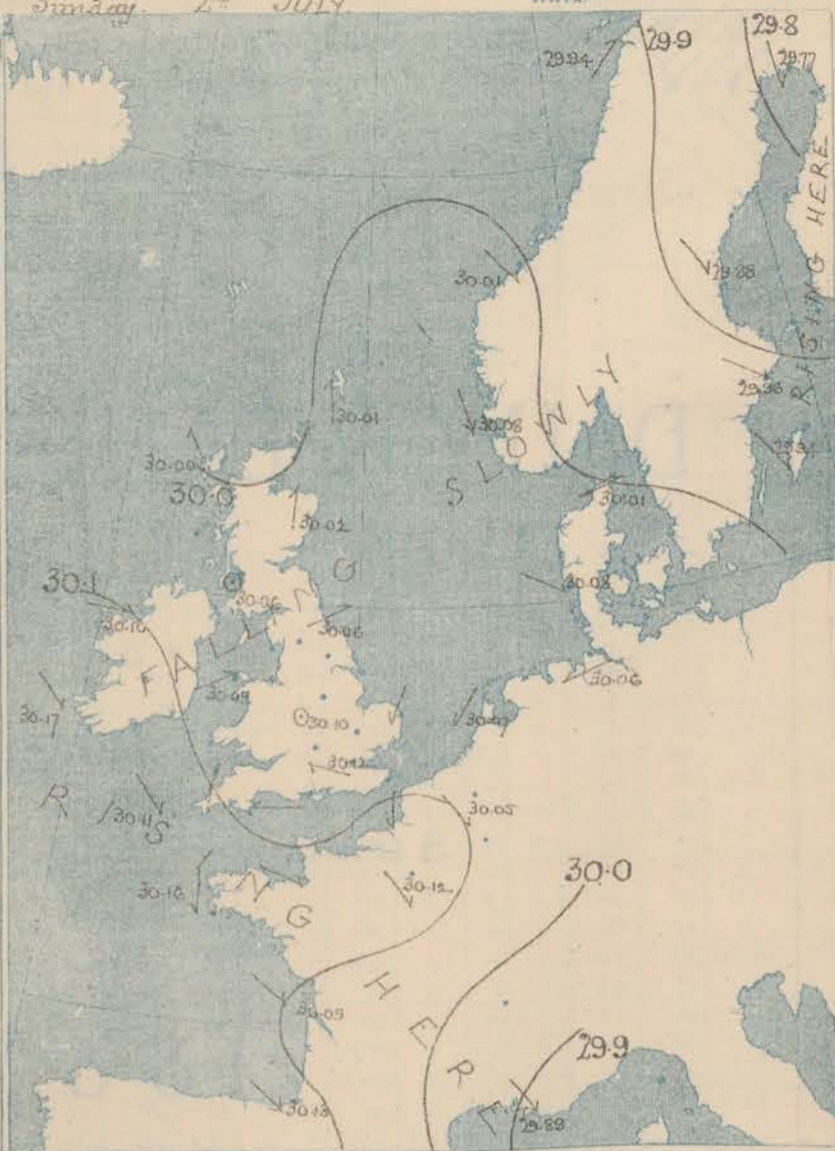
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
○ = dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

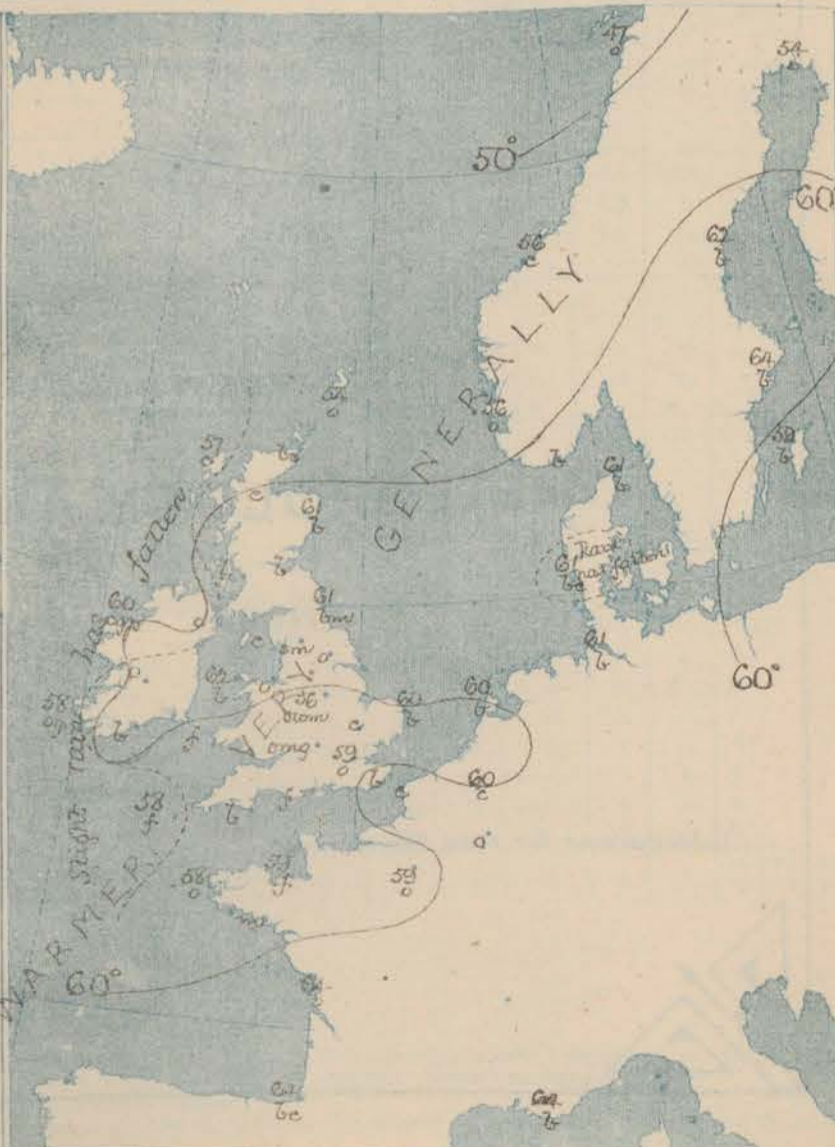
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 SUNDAY, 2^{DD} JULY 1882 at 8 a.m.

The changes of pressure reported during the past 24 hours have been very slight. Over Scandinavia and the north of our Islands the barometer has fallen a little while in France there has been an equally gradual rise, and the distribution of pressure is still somewhat irregular.

Light NW breezes prevail at the Continental stations as well as on our Southwest coasts but at the majority of the British stations light and very variable airs are reported. The sky is cloudy in some places locally, but is generally fair, and the weather yesterday was dry in most districts. Temperature has risen a few degrees generally, and readings at present range from 63° at Paris and Androsan to 54° in the Shetlands. The thermometer rose to 72° in London yesterday, and to 74° at Loughborough. The sea is smooth generally.

MAP SHOWING
DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

SCOTLAND
NORTH

7 { SCOTLAND
EAST

2 { ENGLAND
N. E.

3 { ENGLAND
EAST

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

name issued

METEOROLOGICAL OBSERVATIONS FOR

2nd JULY

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.						
			Dir.	Force (0 to 12).			Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.							
Haparanda	29.71	53	NW	2	b	29.77	+ .07	54	43	0	N	4	0	59	45	-						
Hernösand	29.86	62	NNW	2	bc	29.88	+ .01	62	53	+ 4	NW	2	0	75	52	-						
Stockholm	29.92	56	W	2	b	29.96	+ .01	64	55	+ 1	NNW	2	0	68	50	-						
Wishby	29.97	58	SW	4	G	29.94	- .07	59	55	+ 2	NW	4	0	68	46	-						
Bodö	29.95	48	WSW	4	c	29.94	- .03	47	45	- 2	WSW	4	0	?	47	-						
Christiansund	30.05	56	NE	3	b	30.01	- .09	56	53	+ 3	NW	3	0	59	46	-						
Skudesnaes	30.09	56	NW	4	b	30.08	- .04	56	55	- 5	NNW	5	0	63	55	-						
Oxö (Christiansund)	29.98	62	SSW	4	m	29.98	- .11	65	59	+ 4	NNW	1	0	?	57	-						
Skagen (The Skaw)	30.02	60	WSW	2	b	30.01	- .07	61	58	0	WSW	2	0	70	54	-						
Fanö	30.09	55	NNW	1	b	30.08	- .00	62	57	+ 2	NNW	4	0	66	48	0.08						
Cuxhaven	30.02	?	E	1	b	30.06	+ .07	61	57	+ 3	ESE	2	0	61	52	-						
Sumburgh Head	30.06	54	SE	2	b	30.01	- .09	54	53	+ 3	S	2	0	56	45	-						
Stornoway	30.01	60	SSW	4	0	30.00	- .04	57	56	- 2	SSE	4	0	66	54	0.03						
Wick	30.03	55	SE	1	bc	30.00	- .10	59	57	+ 5	SE	1	0	61	49	-						
Nairn	30.02	59	Z	0	b	30.02	- .08	63	58	+ 8	Z	0	0	65	54	0.02						
Aberdeen	30.06	60	S	1	b	30.02	- .09	61	57	+ 3	S	1	0	63	50	-						
Leith	30.06	62	S	2	z	30.06	- .06	61	57	+ 5	N	1	0	64	51	0.12						
Shields	30.08	52	S	2	0	30.06	- .08	61	59	+ 9	WSW	1	0	61	49	-						
Spurn Head	30.09	54	NE	2	0	30.09	- .02	57	55	+ 3	SE	1	0	60	50	-						
York	30.09	65	SE	1	b	30.10	- .05	56	55	+ 3	S	1	0	69	52	-						
Loughborough	30.07	68	Z	0	0	30.10	- .04	56	54	+ 4	ESE	1	0	74	52	-						
Ardrossan	30.03	66	NW	1	0	30.06	- .03	63	61	+ 2	Z	0	0	70	53	-						
Mullaghmore	30.06	63	NNW	1	0	30.10	.00	60	58	+ 2	W	3	0	67	57	0.02						
Donaghadee	30.06	60	SW	1	0	30.09	- .02	60	58	+ 1	NW	2	0	65	55	0.03						
Parsonstown	30.08	63	WSW	1	0	30.13	- .01	60	58	+ 3	NNW	1	0	64	56	-						
Barrow-in-Furness	30.06	64	NNW	2	0	30.08	- .03	62	60	+ 5	SSW	1	0	67	57	-						
Holyhead	30.05	63	W	1	c	30.09	- .03	62	60	+ 4	SW	2	0	67	57	0.01						
Liverpool (Bidston)	30.07	61	WNW	1	0	30.09	- .02	61	59	- 1	SSW	1	0	68	58	-						
Valencia	30.13	58	WNW	2	0	30.17	+ .03	58	58	- 2	WNW	1	0	64	56	0.06						
Roche's Point	30.10	63	SW	2	bc	30.12	- .02	61	57	+ 3	N	4	0	67	58	-						
Pembroke	30.08	57	W	?	f	30.10	- .02	57	57	- 2	W	1	0	62	55	-						
Scilly	30.11	60	WNW	4	c	30.11	- .02	58	58	- 1	NW	4	0	62	56	-						
Prawle Point	30.08	64	W	2	c	30.10	- .02	60	59	- 2	Z	0	0	65	54	-						
Hurst Castle	30.09	61	WNW	2	c	30.09	- .03	59	59	0	E	1	0	64	56	-						
Dover	30.08	62	SW	3	b	30.09	- .01	61	57	+ 7	S	1	0	65	54	-						
London	30.07	67	N	1	bc	30.12	- .01	59	57	+ 4	ESE	1	0	72	54	-						
Oxford	30.08	63	Z	0	c	30.10	- .03	59	57	+ 3	Z	0	0	68	56	-						
Cambridge	30.08	63	NE	1	c	30.12	.00	59	56	+ 2	NE	1	0	68	49	-						
Yarmouth	30.09	58	N	2	bc	30.12	+ .04	60	57	+ 4	NNE	2	0	61	54	-						
The Helder	30.03	60	NE	3	c	30.07	+ .07	60	54	+ 1	NE	3	0	64	59	-						
Cape Gris Nez	30.09	60	NNE	1	c	30.12	+ .02	61	58	+ 7	N	1	0	64	54	-						
Jersey	30.13	62	NNE	1	c	30.13	- .01	59	59	- 1	WNW	1	0	68	53	-						
Brest	30.12	60	N	4	0	30.16	+ .03	58	56	+ 1	N	3	0	64	?	-						
Lorient	? 30.04	58	W	3	m	? 30.06	.00	57	54	+ 2	N	4	0	72	52	-						
Rocheport	30.05	66	NW	5	m	30.09	+ .05	64	63	+ 2	NW	3	0	?	57	-						
Biarritz	30.13	64	N	5	bc	30.13	+ .06	64	59	0	NW	5	0	70	57	-						
Corunna	*	*	*	*	*			*						*	*	-						
Brussels	*	*	*	*	*	30.08	.00	60	56	+ 6	NW	3	0	66	?	-						
Charleville	? 30.01	63	N	1	bc	30.04	+ .02	58	54	+ 2	N	1	0	70	54	-						
Paris	30.04	65	NW	4	b	30.12	+ .03	59	55	+ 4	NW	4	0	*	*	-						
Lyons																-						
Toulon	29.84	72	W	8	b	29.89	+ .02	64	58	- 1	NW	5	0	72	61	-						

HIGH LEVEL STATION.

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

Hawes Junction	28.86	60	E	2	bc	28.86	- .02	58	56	- 3	W	2	0	69	50	0.15			
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

YESTERDAY'S 2 P.M. REPORTS AND FORECASTS																		
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.					
Skudesnaes ...	30.11	63	59	WNW	4	b	3	Valencia ...	30.14	64	62	WSW	2	0	3			
Sumburgh Head	30.10	55	53	SE	3	c	3	Scilly ...	30.14	61	58	NW	4	c	3			
Stornoway ...	30.04	64	59	SSW	3	0	3	Dover ...	30.09	63	60	NNE	4	c	2			
Aberdeen ...	30.09	60	55	S	3	b	2	London ...	30.09	69	60	N	3	bc	3			
Shields ...	30.11	58	53	E	3	c	3	Yarmouth ...	30.09	60	57	N	3	bc	3			
Ardrossan ...	30.06	68	64	W	1	c	1	Jersey ...	30.14	64	62	NW	2	c	2			
Mullaghmore ...	30.09	64	60	NNW	1	0	1	Rocheport ...	30.06	68	64	NW	5	m	2			
Holyhead ...	30.10	66	60	N	1	0	0	Gen. Dev. (9406 ft.) 9 a.m. on 1st								Man	Min	Rain
								25.61	48	44	SW	1	bc	59	44	-		

No important change.

EXPLANATION OF COLUMNS.

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

MONDAY, 3RD JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are {
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dungefield, 11th St. Bedford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Monday. 3rd JULY.

1882

BAROMETER, WIND & SEA.

Explanation of Map.

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

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

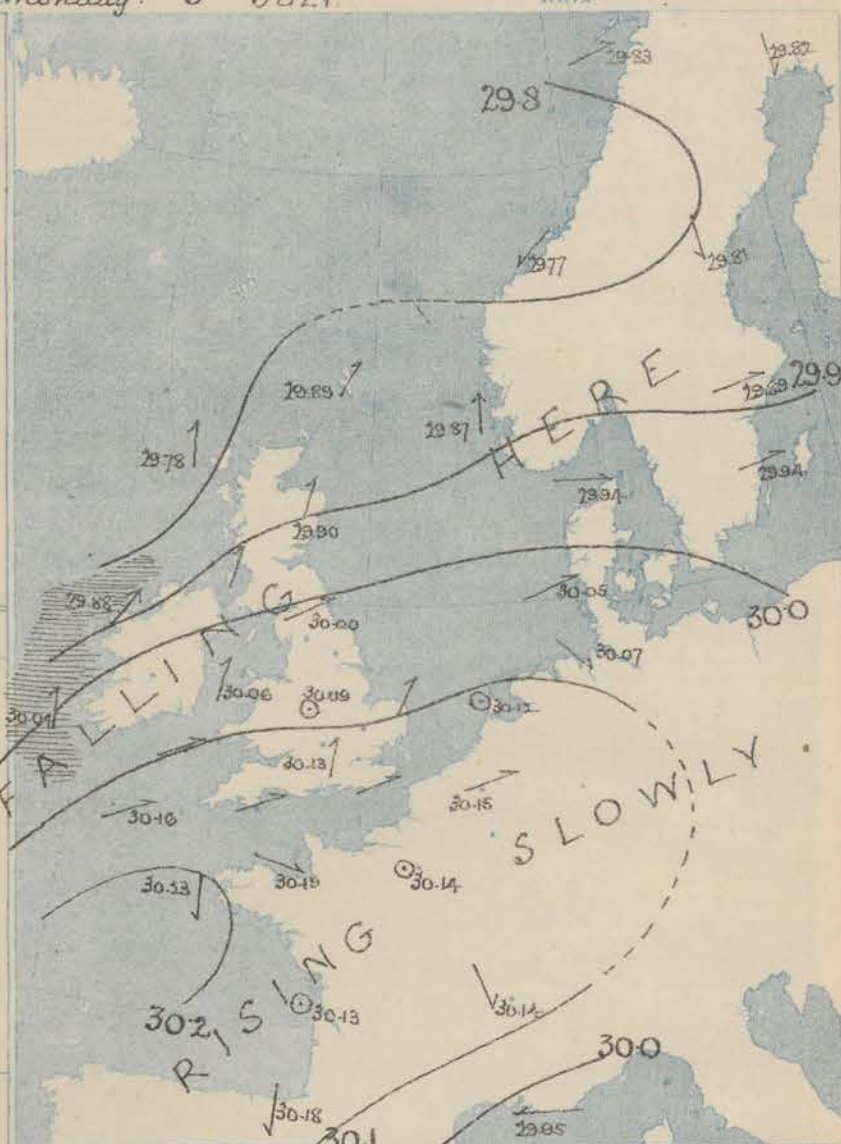
Wind. Arrows show the prevalent winds. They fly with the wind, and their bars and feathers refer to force; thus, — forces above 10; — forces 8 to 10; — forces 5 to 7; — forces 1 to 4; ☉ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; 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	29.917
Holyhead	29.946
Valencia	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
Sumbury 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Portsmouth	60.7	2.79
Valencia	61.7	3.58
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	2.30
Yarmouth	62.5	2.59

* 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, 3RD JULY 1882 at 8 a.m.

In the course of the past twenty-four hours the barometer has risen over France and the south of England, and an anticyclone now lies over the Bay of Biscay. The weather is consequently fine and warm at all the more southern stations, with light W^{ly} breezes in the south of England and N^{ly} airs in the west of France. On the western and northern coasts, however, the barometer is falling somewhat decidedly, with SW^{ly} or S^{ly} breezes, and cloudy unsettled weather. At Mullaghmore the SW^{ly} wind blows with the force of a moderate gale, and in Scotland and the north of England rain is falling. Thunderstorms occurred yesterday at Aberdeen and Loughborough. Temperature has fallen a little in the north, risen in the south, readings now range from 66° at Cambridge to 54° in the Shetlands. Over Central England the thermometer yesterday rose to between 72° and 74°, but at Leith it reached 76°. The sea is rough off the west of Ireland, slight or smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the
4TH JULY.

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

DISTRICTS

FORECASTS

11	SCOTLAND NORTH	S ^{ly} and SW ^{ly} winds, fresh or strong; unsettled, some rain.
1	SCOTLAND EAST	SW ^{ly} winds, moderate or fresh; cloudy, showery.
2	ENGLAND N.E.
3	ENGLAND EAST	Same as No 5.
4	MIDLAND COUNTIES	Same as No 5.
5	ENGLAND SOUTH	Wind generally W ^{ly} , light; fair, warm.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Same as No 1 and 2.
7	ENGLAND N.W.	S ^{ly} and SW ^{ly} winds, moderate; cloudy, some rain.
8	ENGLAND S.W.	SW ^{ly} and W ^{ly} winds, moderate; cloudy.
9	IRELAND NORTH	Same as No 0.
10	IRELAND SOUTH	Same as No 0.
WARNINGS		None issued

METEOROLOGICAL OBSERVATIONS FOR

3rd JULY

1882

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	29.76	54	NE	2	b	29.82	+ .06	53	46	- 1	N	2	c	*	59	41	-		
Bernösand	?	62	2	0	b	29.81	- .07	63	56	+ 1	N	2	b	*	79	50	-		
Stockholm	29.93	59	SW	2	b	29.89	- .07	71	60	+ 7	W	2	b	*	77	54	-		
Wisby	30.00	61	SW	2	b	29.94	- .00	64	59	+ 5	W	2	b	*	75	55	-		
Bodö	29.90	47	SW	2	h	29.83	- .11	46	46	- 1	WSW	2	h	1	48	46	0.12		
Christiansund	29.99	54	N	3	o	29.77	- .24	58	51	+ 2	NE	3	c	2	?	52	-		
†Skudesnaes	30.05	58	N	1	c	29.87	- .21	57	56	+ 1	S	6	h	h	63	9	-		
Orö (Xunnsund)	29.96	68	WSW	2	b	29.95	- .03	62	56	- 3	WSW	4	c	2	70	?	-		
Skagen (The Skow)	29.99	65	WNW	2	b	29.94	- .07	63	57	+ 2	W	4	b	3	75	54	-		
Fanö	30.08	54	NW	2	b	30.05	- .03	65	59	+ 4	WSW	4	b	*	?	?	-		
Cuxhaven	30.08	?	N	3	b	30.07	+ .01	63	60	+ 2	NW	2	b	*	63	55	-		
†Sumburgh Head	29.94	54	S	1	m	29.89	- .12	54	53	0	SW	3	c	3	57	50	0.03		
†Stornoway	29.94	60	SW	5	o	29.78	- .22	55	54	- 2	S	4	h	h	60	52	0.27		
Wick	29.93	57	SE	1	o	29.84	- .16	55	54	- 4	NW	2	o	2	65	53	0.10		
Nairn	29.99	62	2	0	b	29.85	- .17	57	55	- 6	2	0	h	0	71	55	0.05		
†Aberdeen	29.97	61	2	0	o	29.90	- .12	57	56	- 4	SSW	2	d	2	68	54	0.62		
Leith	30.04	66	W	1	o	29.93	- .13	59	56	- 2	W	1	h	*	76	56	0.04		
†Shields	30.03	67	SW	2	c	30.00	- .06	62	58	+ 1	WSW	3	h	2	69	54	0.01		
Spurn Head	30.09	58	SE	4	b	30.05	- .04	60	59	+ 3	W	1	c	2	60	56	-		
York	30.09	69	SEW	1	b	30.06	- .04	61	59	+ 5	W	1	o	*	72	55	-		
Loughborough	30.11	60	2	0	h	30.09	- .01	61	59	+ 5	W	1	om	*	74	54	-		
†Ardrossan	30.06	61	WNW	3	o	29.92	- .13	57	57	- 6	SSW	4	om	3	67	56	0.05		
†Mullaghmore	30.11	60	N	3	o	29.88	- .22	60	57	0	SW	7	om	6	63	58	0.03		
Donaghadee	30.11	59	WNW	1	o	29.97	- .12	60	58	0	SW	2	c	0	65	53	0.09		
Parsonstown	30.15	65	WNW	1	b	30.03	- .10	61	57	+ 1	W	1	b	*	68	53	-		
Barrow-in-Furness	30.09	64	WSW	1	c	20.05	- .03	59	58	- 3	SW	3	c	2	69	50	-		
†Holyhead	30.12	64	W	2	b	30.06	- .03	59	58	- 3	SSW	2	m	2	66	55	0.01		
Liverpool (Bidston)	30.11	64	WNW	2	b	30.06	- .03	61	58	0	WSW	1	o	1	69	57	-		
†Valencia	30.20	61	WNW	1	c	30.04	- .13	59	58	+ 1	S	5	om	5	66	53	-		
Roche's Point	30.14	64	SW	2	b	30.09	- .03	60	57	- 1	SW	3	o	h	68	56	-		
Pembroke	30.13	61	NW	1	b	30.09	- .01	58	58	+ 1	WSW	2	d	1	61	56	-		
†Scilly	30.16	61	NW	4	c	30.16	+ .05	59	56	+ 1	WSW	4	o	3	64	55	-		
Prawle Point	30.13	62	WSW	2	b	30.15	+ .05	60	59	0	WNW	3	b	3	64	52	-		
Hurst Castle	30.23	62	WSW	2	m	30.15	+ .06	57	57	- 2	WSW	1	f	1	66	56	-		
†Dover	30.12	60	2	0	b	30.14	+ .05	60	58	- 1	WSW	3	em	2	66	52	-		
†London	30.11	70	W	1	b	30.13	+ .01	64	60	+ 5	SSW	3	c	*	72	54	-		
Oxford	30.11	66	SW	1	o	30.12	+ .02	58	57	- 1	SW	1	o	*	72	55	-		
Cambridge	30.11	72	2	0	b	30.08	- .04	66	63	+ 7	W	1	c	*	73	51	-		
†Yarmouth	30.12	63	ENE	3	b	30.09	- .03	62	60	+ 2	S	2	b	2	64	55	-		
The Helder	30.13	62	NE	2	b	30.12	+ .05	62	57	+ 2	SSW	1	b	1	66	54	-		
Cape Gris Nez	30.15	59	NE	1	b	30.13	+ .01	59	58	- 2	SW	3	c	1	68	55	-		
†Jersey	30.17	58	WNW	1	m	30.19	+ .06	58	58	- 1	WNW	2	f	2	64	55	-		
Brest	30.20	59	N	3	m	30.23	+ .07	58	57	0	N	1	o	2	64	57	-		
Lorient	30.09	64	NW	5	b	30.14	+ .08	54	54	- 3	WNW	3	m	1	70	50	-		
†Rochefort	30.08	66	NW	5	m	30.13	+ .04	64	61	0	2	0	m	0	73	54	-		
Biarritz	30.16	66	N	4	m	30.18	+ .05	63	60	- 1	N	4	o	2	70	57	-		
Corunna	*	*	*	*	*			*	*						*	*	*		
Brussels	*	*	*	*	*	30.15	+ .10	56	54	- 4	WSW	3	c	*	69	51	0.04		
Charleville	*	*	*	*	*	30.09	+ .05	60	55	+ 2	N	1	b	*	72	49	0.04		
Paris	30.11	66	NW	3	b	30.14	+ .02	62	57	+ 3	2	0	b	*	*	*	-		
Lyons	30.04	67	N	3	b	30.14		60	54		WNW	4	b	*	73	53	-		
Toulon	29.88	75	NW	7	b	29.95	+ .06	72	59	+ 8	E	3	b	2	77	61	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.86	62	WSW	2	b	28.80	- .06	56	55	- 2	WSW	2	h	*	67	54	0.01		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	30.08	63	57	WNW	3	b	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						*
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.08	66	63	NW	5	m
Holyhead													
Ben Nevis (4406 ft.)							25.57						
Sum. in 2 nd							45 45 SW 2						
							54 40 0.05						

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).

TUESDAY, 4 JULY.

METEOROLOGICAL OFFICE

S. W.

WEATHER CHARTS

for 8 a.m. on TUESDAY 4TH JULY 1882.

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.

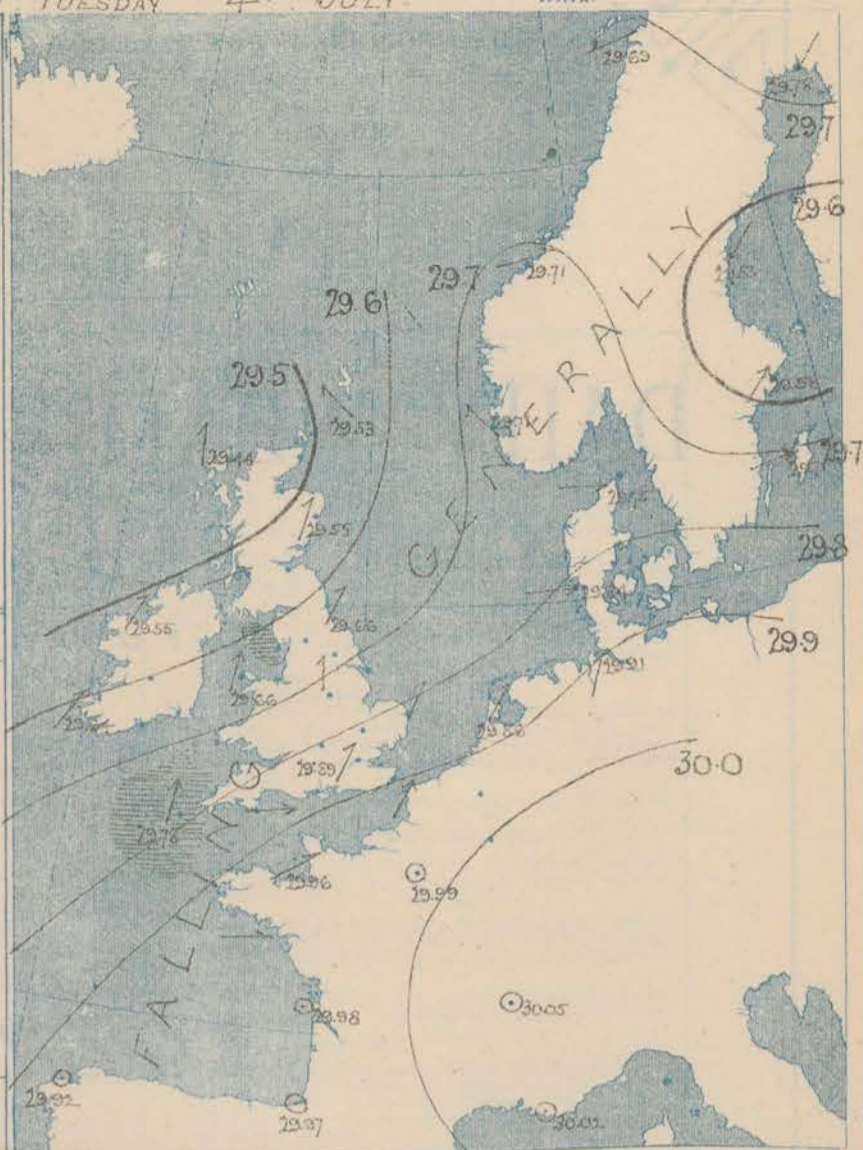
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
 — forces above 10; — forces 8 to 10
 — forces 6 to 7; — forces 1 to 4;
 ○ = dead calm.

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.
	Ins.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenecastle	29.917
Holyhead	29.946
Valencia	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.

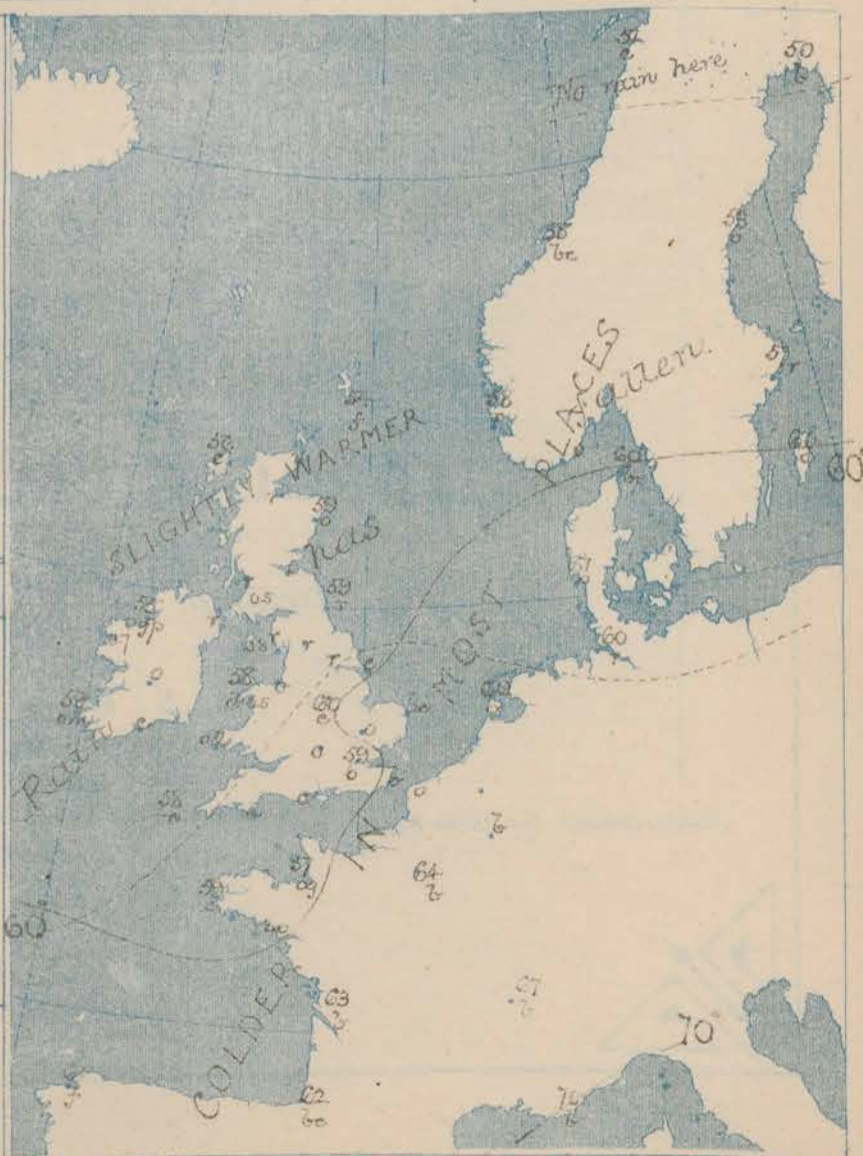
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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.
	°	ins.
Sumburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.58
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 TUESDAY, 4TH JULY 1882 at 8 a.m.

The fall of the barometer which was in progress on our western and northern coasts yesterday morning has now extended to all parts of Western Europe, and some large depressions are passing across our more northern coasts, while subsidiary disturbances are apparently advancing towards the south-west of England. S.W. winds are prevailing in all districts, blowing with moderate strength generally but freshly in some places. The weather is fine over the greater part of France, cloudy elsewhere, with rain at many of our western and northern stations. In the course of the past twenty-four hours rain has fallen on all but our southern coasts, the amounts at Mullaghmore and Barrow-in-Furness being large. Temperature has risen slightly in Scotland, fallen elsewhere, and readings range from 63° at Yarmouth to 54° at Lumbagh H². The highest maxima registered yesterday were 74° at Oxford, 75° at Cambridge and 77° in London. The sea is rough at Sully and Barrow-in-Furness.

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 th and S.W. winds, moderate or fresh; cloudy, some rain.	6 SCOTLAND WEST	Same as No. 1 and 2.
2 SCOTLAND EAST	S.W. winds, moderate; dull and rainy at first, then fair.	7 ENGLAND N.W.	S th to S.W. winds, moderate; dull and rainy to fair.
3 ENGLAND N.E.	S th winds, moderate or fresh; cloudy with some rain, but improving later.	8 ENGLAND S.W.	S th to S.W. or W. winds, fresh; rainy to fair.
4 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	S.W. and S. breezes, moderate or fresh; cloudy, unsettled, some rain.
5 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	Do Do Do
6 ENGLAND SOUTH		WARNINGS	None issued.

METEOROLOGICAL OBSERVATIONS FOR

4TH JULY

1882

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	29.78	52	NE	2	0	29.78	-0.04	50	44	-3	NE	4	0	*	57	45	-	
Hernösand	29.63	58	SSW	2	0	29.53	-0.28	53	51	-10	NE	6	0	*	66	?	0.28	
Stockholm	29.76	65	W	4	6c	29.58	-0.31	57	55	-14	SW	6	2	*	79	57	0.16	
Wisby	29.83	64	SSW	4	6c	29.71	-0.23	60	57	-4	WSW	6	0	*	77	57	-	
Bodö	29.72	57	NNE	2	c	29.69	-0.14	51	46	+5	ESE	4	c	2	54	46	-	
Christiansund	29.71	54	W	3	c	29.71	-0.06	55	52	-3	WSW	2	6c	2	?	50	0.08	
†Skudesnaes	29.80	56	WNW	2	λ	29.71	-0.16	58	57	+1	SE	4	λ	3	61	55	-	
Öxö (Xiansund)	29.79	58	SW	6	0	29.75	-0.20	59	57	-3	W	2	0	2	63	55	0.08	
Skagen (The Skaw)	29.84	58	WSW	3	0	29.75	-0.19	60	57	-3	W	5	6c	3	66	54	0.02	
Fanö	29.94	59	WSW	4	c	29.84	-0.21	61	60	-4	WSW	2	0	*	66	57	0.04	
Cuxhaven	29.12	7	2	0	c	29.91	-0.16	60	59	-3	SSW	1	λ	*	64	57	0.06	
†Sumburgh Head	29.73	54	SSE	2	0	29.53	-0.36	54	54	0	ESE	4	f	3	59	52	0.09	
†Stornoway	29.62	57	S	5	λ	29.44	-0.34	56	56	+1	S	4	c	4	61	53	0.21	
Wick	29.69	59	SW	1	0	29.44	-0.40	59	58	+4	S	3	λ	2	61	55	0.40	
Nairn	29.69	60	2	0	λ	29.45	-0.40	62	59	+5	2	0	λ	1	67	55	0.17	
†Aberdeen	29.73	62	SW	2	c	29.55	-0.35	59	57	+2	SSW	1	0	2	65	55	0.38	
Leith	29.76	65	WSW	2	0	? 29.56	-0.37	62	53	+3	WSW	1	0	*	66	53	0.04	
†Shields	29.86	66	WSW	4	0	29.66	-0.34	59	58	-3	SW	3	λ	2	68	57	0.28	
Spurn Head	29.95	67	WSW	2	6c	29.75	-0.30	60	57	0	SSW	5	c	2	71	57	-	
York	29.93	69	WSW	3	6	29.73	-0.33	59	57	-2	S	2	λ	*	72	56	0.12	
Loughborough	29.96	68	WSW	1	0	29.78	-0.31	60	56	-1	SW	4	c	*	71	56	-	
†Ardrossan	29.78	60	SSW	4	om	29.55	-0.38	57	57	0	WSW	2	λ	2	60	55	0.50	
†Mullaghmore	29.74	62	SW	6	λ g	29.55	-0.33	55	55	-5	SW	4	ogp	3	66	52	0.68	
Donaghadee	29.82	65	SW	4	0	29.57	-0.40	58	58	-2	SE	1	λ	0	70	57	0.08	
Parsonstown	29.85	66	SSW	1	0	29.63	-0.40	59	56	-2	W	2	0	*	69	56	0.09	
Barrow-in-Furness	29.93	60	SW	6	0	29.67	-0.38	58	57	-1	S	5	λ	6	66	57	0.80	
†Holyhead	29.94	57	SSW	5	m	29.66	-0.40	58	57	-1	SSW	5	d	4	62	55	0.46	
Liverpool (Bidston)	29.94	64	SW	2	c	29.70	-0.36	60	57	-1	S	2	0	2	70	56	0.11	
†Valencia	29.85	60	SSW	6	mog	29.64	-0.40	59	57	0	SW	4	om	4	63	55	0.20	
Roche's Point	29.92	57	SW	5	λ	29.67	-0.42	58	56	-2	WSW	4	c	4	61	55	0.38	
Pembroke	30.01	58	SW	3	0	29.71	-0.38	57	57	-1	SSW	4	od	3	60	56	0.13	
†Scilly	30.06	60	SW	5	0	29.78	-0.38	58	58	-1	SSW	6	λ	5	65	57	0.18	
Prawle Point	30.08	59	WSW	4	6c	29.87	-0.28	56	56	-4	SSW	4	c	4	63	55	-	
Hurst Castle	30.07	64	WSW	4	6cm	29.89	-0.26	58	56	+1	W	5	c	3	65	56	-	
†Dover	30.05	61	WSW	4	cm	29.90	-0.24	61	58	+1	WSW	5	6	4	65	58	-	
†London	30.02	68	S	3	0	29.89	-0.24	59	55	-5	SW	3	0	*	77	57	-	
Oxford	30.00	63	WSW	2	0	29.83	-0.29	59	56	+1	S	2	0	*	74	57	0.01	
Cambridge	29.98	70	W	1	0	29.83	-0.25	61	56	-5	SW	2	0	*	75	50	0.02	
†Yarmouth	29.99	72	WSW	1	6	29.84	-0.25	63	60	+1	SW	3	6c	2	73	60	-	
The Helder	30.00	62	SW	3	c	? 29.86	-0.26	60	59	-2	SW	3	0	3	68	59	-	
Cape Gris Nez	30.08	58	SW	4	0	29.93	-0.20	59	57	0	SW	5	0	4	64	55	-	
†Jersey	30.15	60	WNW	2	cm	29.96	-0.23	57	55	-1	WSW	3	og	3	65	54	-	
Brest	30.16	61	W	3	0	29.94	-0.29	59	55	+1	SW	4	0	3	64	54	-	
Lorient	? 30.08	63	WNW	4	6	? 29.94	-0.20	59	54	+5	W	4	?	1	66	52	-	
†Rochefort	30.11	64	NW	5	m	29.98	-0.15	63	62	-1	E	1	6	1	73	54	-	
Biarritz	30.12	65	N	3	6c	29.97	-0.21	61	60	-2	E	1	6c	2	68	57	-	
Corunna	*	*	*	*	*	29.92	-0.10	61	60	-5	ESE	1	f	0	77	61	-	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville	30.04	72	N	4	6	? 30.00	-0.09	62	56	+2	N	1	6	*	77	49	-	
Paris	30.10	73	NW	3	6	29.99	-0.15	64	60	+2	2	0	6	*	*	*	-	
Lyons	30.08	70	N	3	6	30.05	-0.09	67	57	+7	W	1	6	*	75	55	-	
Toulon	29.92	75	W	7	6	30.02	+0.07	70	63	-2	2	0	6	1	82	61	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.72	55	SW	3	0	28.48	-0.32	54	54	-2	WSW	2	λ	*	63	53	0.19	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	29.84	60	59	W	2	λ	3	Valencia ...	29.99	62	61	S	5	om	5
Sumburgh Head	29.77	56	55	SW	3	c	3	Scilly ...	30.14	64	58	SW	4	c	3
Stornoway ...	29.68	61	59	SSW	6	m	5	Dover ..	30.12	62	58	WSW	4	cm	2
Aberdeen ...	29.82	60	58	S	1	og	2	London ...	30.08	74	63	WSW	3	c	*
Shields ...	29.92	67	61	WSW	4	0	2	Yarmouth ...	30.04	70	64	WSW	2	6	3
Ardrossan ...	29.86	57	57	SSW	4	λ	3	Jersey...	30.19	64	59	W	2	c	2
Mullaghmore ...	29.83	64	61	SW	6	og	4	Rochefort ...	30.16	70	60	NW	6	m	2
Holyhead... ..	30.00	60	57	SSW	5	0	4	Ben Nevis (4406 ft) 9 am. m 3 rd	25.39	42	42	SW	6	f	Max 47 Min 40 Rain 0.24

The fall of the barometer has now extended to the S. and S.E. of England, but has slackened considerably at Valencia.

The winds are unchanged and the weather in the S. continues 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 (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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



DAILY WEATHER REPORT

F O R

WEDNESDAY, 5TH JULY.

1882

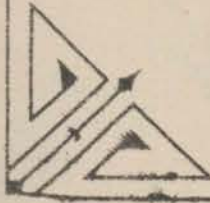
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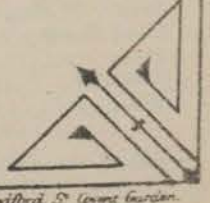
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on WEDNESDAY 5TH JULY

1882

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.

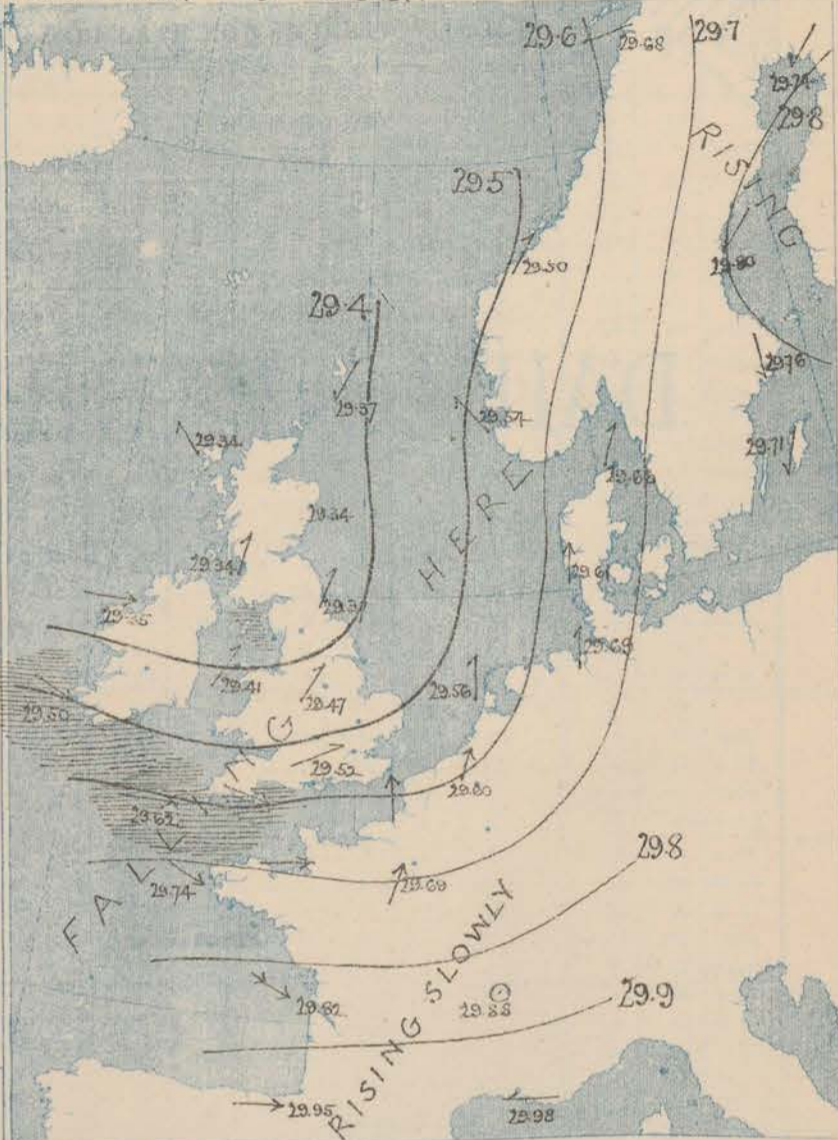
Sea Disturbance; where considerable, is shown by shading round the coast; thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings.
	Ins.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

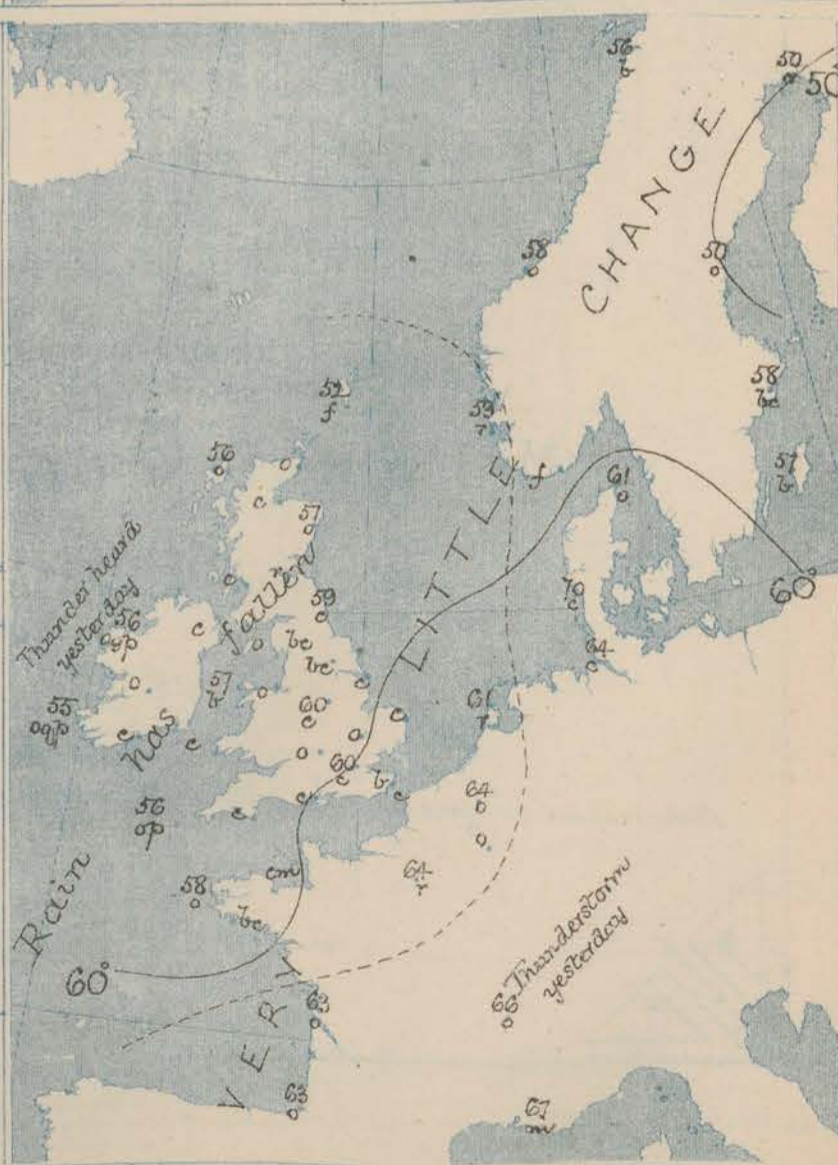
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 WEDNESDAY 5th JULY 1882 at 8 a.m

The barometer is rising somewhat in the S. of France, but continues to fall elsewhere, and a large shallow depression is now found over our northern coasts. Fresh W^{ly} winds prevail at all the western and southern stations, but in the east the wind draws into S., while in the north of Scotland there is a moderate breeze from E. and NE. Cloudy weather is still reported generally, with steady rain at Leith, and passing showers at Valencia and Lillie. In the course of the past 24 hours rain has fallen in almost all parts of the Kingdom, but the amounts have as a rule been rather small. Temperature has changed very little, and varies from 62° at Dover to 52° in the Shetlands. The highest maxima yesterday were 68° at Kilm, Spurn Head, York and Donaghadee, and 71° at Yarmouth. The sea is rough at Valencia, and in the western part of the Channel, slight in the north and east.

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

1 SCOTLAND NORTH	Wind generally NE ^{ly} , moderate; cloudy.
2 SCOTLAND EAST	Light S ^{ly} breezes; cloudy, showery.
3 ENGLAND NE	-----D°-----D°-----D°-----
4 ENGLAND EAST	S ^{ly} to W ^{ly} winds, moderate or fresh; cloudy, showery.
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	W ^{ly} breezes, moderate and fresh; cloudy at times and showery but with bright intervals

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Light variable breezes; cloudy, some showers.
7 ENGLAND N.W.	SW ^{ly} to W ^{ly} breezes, moderate; cloudy, showery.
8 ENGLAND S.W.	Same as No 4 and 5.
9 IRELAND NORTH	W ^{ly} to SW ^{ly} or S ^{ly} breezes, moderate and fresh; cloudy, showery.
10 IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

5TH JULY

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.	
Haparanda	29.76	44	NE	1	c	29.74	-0.04	50	45	0	NE	1	c	59	41	-
Hernösand	29.75	49	NE	2	b	29.80	+0.27	50	47	-3	E.N.E.	2	o	57	48	-
Stockholm	29.69	54	N.N.W.	4	o	29.76	+0.18	58	51	+1	N	2	bc	72	54	0.08
Wisby	29.68	62	N.N.W.	4	bc	29.71	0.00	57	54	-3	N.N.E.	2	b	73	55	-
Bodö	29.71	53	W	0	c	29.68	-0.01	56	50	+5	E.N.E.	1	b	7	48	-
Christiansund	29.60	55	NE	5	c	29.50	-0.21	58	54	+3	SW	1	o	61	52	-
†Skudesnaes	29.59	59	SSE	6	h	29.54	-0.17	59	58	+1	SE	4	h	59	7	-
Oxö (Xiansund)	29.69	60	S	2	o	29.61	-0.14	59	58	0	E	2	f	61	57	-
Skagen (The Skaw)	29.72	62	SE	2	o	29.66	-0.09	61	58	+1	SSW	4	o	64	59	-
Fanö	29.74	59	W.S.W.	4	c	29.61	-0.13	70	65	+5	S	5	c	70	54	-
Cuxhaven	29.21	?	N	1	bc	29.69	-0.22	54	62	+4	S	2	c	71	59	-
†Sumburgh Head	29.40	55	SSE	4	h	29.37	-0.16	52	52	-	NE	2	f	57	50	0.17
†Stornoway	29.41	58	S	4	c	29.34	-0.10	56	55	0	SE	3	o	61	52	0.02
Wick	29.44	56	N.W.	1	bc	29.35	-0.09	54	53	-5	NE	1	o	65	45	0.40
Nairn	29.43	55	W	0	b	29.34	-0.11	55	53	-7	E.N.E.	4	c	68	55	0.19
†Aberdeen	29.44	59	SSW	2	o	29.34	-0.21	57	56	-2	E.N.E.	1	o	61	53	-
Leith	29.46	61	SW	1	b.c	29.35	-0.21	59	56	-3	S	1	h	65	53	0.09
†Shields	29.53	62	SW	3	o	29.37	-0.29	59	53	0	SW	2	c	65	53	0.18
Spurn Head	29.62	63	SSW	4	o	29.45	-0.30	60	58	0	S	3	c	68	55	0.06
York	29.59	63	S	1	o	29.42	-0.31	59	56	0	S	1	bc	68	54	0.34
Loughborough	29.65	59	SSW	1	h	29.47	-0.31	60	56	0	SW	3	c	65	54	0.21
†Ardrossan	29.46	59	W	0	cm	29.34	-0.21	59	59	+2	SSW	2	c	60	56	0.11
†Mullaghmore	29.46	58	W	2	cg	29.35	-0.20	56	55	+1	W	5	ogp	63	54	0.03
Donaghadee	29.48	63	S	2	c	29.36	-0.21	58	56	0	SW	1	c	63	54	0.24
Parsonstown	29.50	62	SW	1	c	29.43	-0.20	56	54	-3	W	2	o	64	50	0.19
Barrow-in-Furness	29.54	59	SW	3	o	29.38	-0.29	57	50	-1	SSE	5	o	60	55	0.21
†Holyhead	29.55	58	SSW	3	o	29.41	-0.25	57	55	-1	SW	4	b	60	53	0.09
Liverpool (Bidston)	29.57	57	S	1	h	29.41	-0.29	58	56	-2	SSE	1	o	65	52	0.32
†Valencia	29.59	60	W.N.W.	5	cp	29.50	-0.14	55	54	-4	W.N.W.	6	ogp	63	53	0.12
Roche's Point	29.56	56	WSW	4	c	29.51	-0.16	56	54	-2	W	4	c	63	55	0.02
Pembroke	29.58	58	WSW	3	c	29.49	-0.22	56	55	-1	WSW	3	c	58	55	0.11
†Scilly	29.65	60	WSW	4	c	29.62	-0.16	56	55	-2	W	6	cp	63	54	0.37
Frawle Point	29.68	55	S	6	h	29.59	-0.28	57	55	+1	WSW	5	c	59	51	0.32
Hurst Castle	29.73	66	SW	4	c	29.57	-0.32	60	58	+2	W.N.W.	6	c	63	55	0.25
†Dover	29.74	61	SW	3	b	29.55	-0.25	62	59	+1	W	4	b	64	58	0.08
London	29.74	61	SSW	3	o	29.52	-0.37	60	55	+1	WSW	4	c	66	53	0.02
Oxford	29.66	56	SSE	2	h	29.52	-0.31	57	55	-2	SW	2	o	61	54	0.43
Cambridge	29.65	64	SW	1	h	29.48	-0.35	58	57	-3	SW	1	o	65	54	0.08
†Yarmouth	29.69	68	WSW	3	b	29.50	-0.34	61	59	-2	SSW	3	c	71	55	0.18
The Helder	29.73	62	SW	1	bc	29.56	-0.30	61	?	+1	S	1	h	68	?	?
Cape Gris Nez	29.76	63	SW	4	bc	29.56	-0.37	59	57	0	S	4	c	66	55	0.12
†Jersey	29.76	62	SW	2	om	29.68	-0.28	57	56	0	W	5	cm	65	55	0.11
Brest	29.72	59	SSW	5	h	29.74	-0.20	58	56	-1	W.N.W.	5	o	61	55	0.35
Lorient	29.73	61	WSW	5	m	29.70	-0.24	58	55	-1	W.N.W.	7	bc	63	55	0.04
†Rochefort	29.76	68	N.W.	3	bc	29.82	-0.16	63	59	0	W.N.W.	0	o	77	57	-
Biarritz	29.88	67	W	4	c	29.95	-0.02	63	58	+2	W	5	o	88	55	-
Corunna	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Brussels	?	?	?	?	?	29.60	?	64	60	?	SSW	1	o	78	59	-
Charleville	29.80	75	S	7	b	29.67	-0.33	63	54	+1	S	5	o	82	62	-
Paris	29.77	72	SSW	1	bc	29.69	-0.30	64	60	0	S.S.W.	5	h	?	?	-
Lyons	29.83	79	SE	1	b	29.88	-0.17	66	60	-1	ESE	1	o	81	61	-
Toulon	29.96	70	WSW	3	b	29.98	-0.04	67	64	-3	E	3	m	82	61	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																
Hawes Junction	28.05	55	SSW	2	c	28.19	-0.29	53	51	-1	SSW	1	bc	58	49	0.11

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.67	59	58	SSE	6	h	Valencia	29.57	58	57	SW	h	cm p 5
Sumburgh Head	29.44	56	55	ESE	3	m	Scilly	29.69	60	58	W	2	o 5
Stornoway	29.43	58	55	SSW	5	o	Dover	29.81	63	59	SW	4	b 3
Aberdeen	29.49	60	58	S	h	og	London	29.75	63	58	SW	4	o *
Shields	29.57	63	60	SSW	4	o	Yarmouth	29.74	69	62	SW	3	b 2
Ardrossan	29.49	59	58	W	0	o	Jersey	29.84	63	59	SSE	2	e 3
Mullaghmore	29.50	57	56	W	3	og	Rochefort	29.88	75	71	N.W.	3	b 0
Holyhead	29.60	59	57	SSW	4	o	Ben Nevis (4406 ft.) 25.10 43 43 S 4 f Max Min Rain 49 41 1.60						

The barometer continues to fall generally with moderate breezes from the S.W. and cloudy weather. Showers are reported from Valencia.

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 6 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, 6TH JULY.

1882

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 THURSDAY 6th JULY 1882

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.

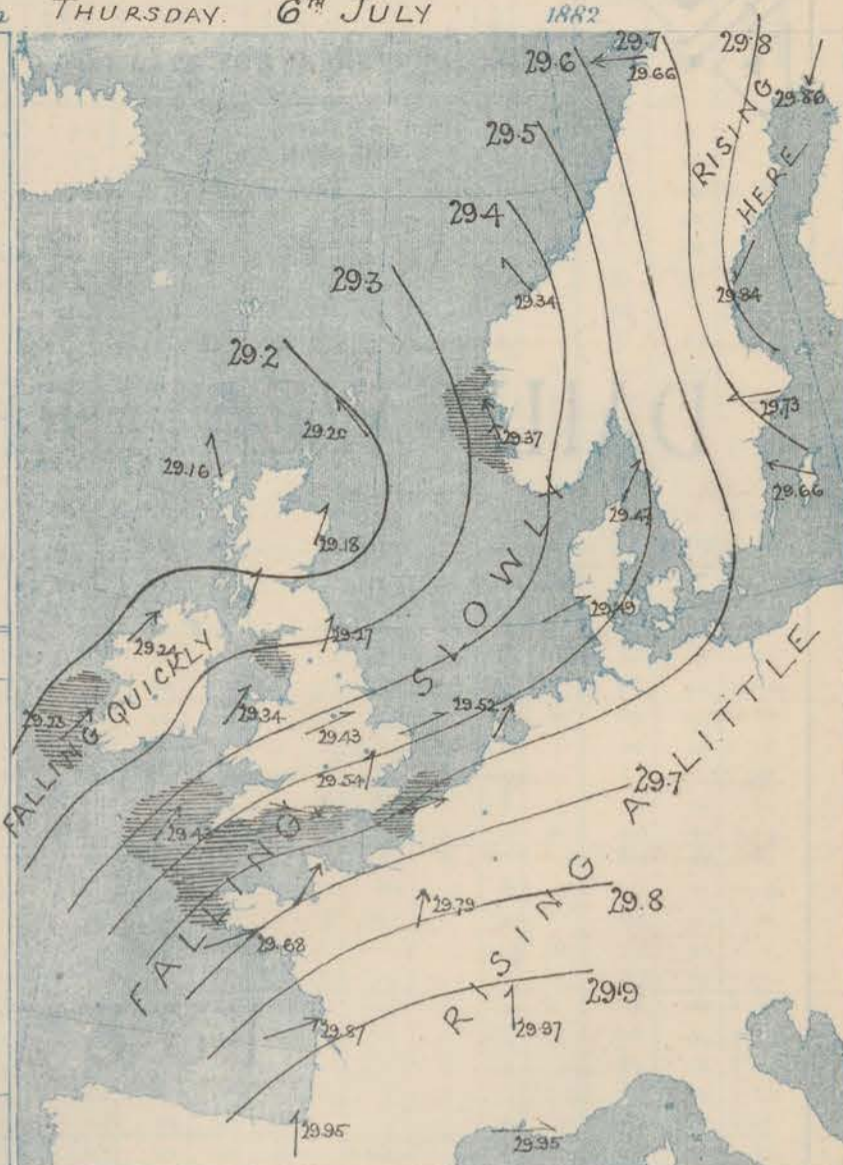
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
→ = forces above 10; → = forces 8 to 10
→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

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	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

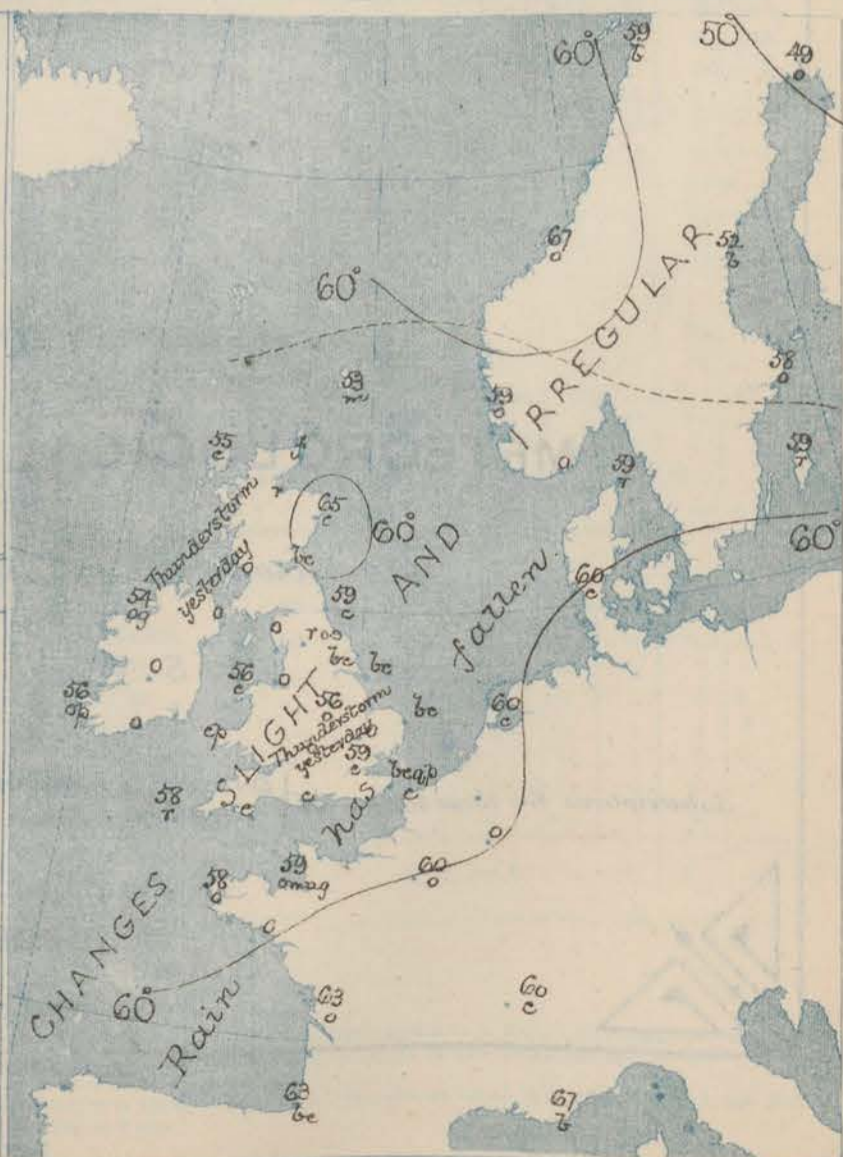
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	in.
Sumburgh Head	53.7	1.23
Sarnoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 Thursday 6th JULY 1882 at 8 a.m.

The barometer is rising a little over the Gulf of Bothnia, the Netherlands, the east of France and south east of England, but falling elsewhere, quickly at Valencia. A large depression still lies over our N. coasts, and a new one is apparently advancing towards the west of Ireland. The wind has backed to the SW at all but the extreme northern stations, where it draws into SE.; in the S. it blows freshly or strongly, and at Hurst Castle there is a slight gale. The weather is cloudy generally, with showers in a few places, and steady rain at Nairn and Lelly. Thunderstorms occurred at Donaghadee and over Central England yesterday and showers fell in all parts of the Kingdom. Temperature has changed irregularly, and now ranges from 65° at Aberdeen to 54° at Mullaghmore and 53° in the Shetlands. The highest maxima yesterday were 67° at York, Loughboro', and London, and 68° at Leith, Cambridge and Yarmouth. The sea is rough in the south-west and south

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE ^{ly} and E ^{ly} winds, moderate; cloudy, some rain.	6 SCOTLAND WEST	Same as Nos 1 and 2
2 SCOTLAND EAST	S ^{ly} winds, light or moderate; cloudy to unsettled and rainy.	7 ENGLAND N.W.	SW ^{ly} winds, moderate or fresh; cloudy, rainy.
3 ENGLAND N.E.	D°-----D°-----D°-----	8 ENGLAND S.W.	SW ^{ly} to W ^{ly} winds, strong, perhaps a gale; dull and rainy to fair.
4 ENGLAND EAST	SW ^{ly} to W ^{ly} winds, moderate or fresh; cloudy and unsettled to dull and rainy.	9 IRELAND NORTH	SW ^{ly} to W ^{ly} winds, fresh or strong; dull, unsettled, rainy.
5 MIDLAND COUNTIES	D°-----D°-----D°-----	10 IRELAND SOUTH	D°-----D°-----D°-----
6 ENGLAND SOUTH	SW ^{ly} to W ^{ly} winds fresh to strong; weather becoming dull, rainy and unsettled.	NONE ISSUED.	
		WARNINGS	

METEOROLOGICAL OBSERVATIONS FOR

6TH JULY

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS.			
	Barometer at 3 p.m. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Weather.	Sea. (0 to 5).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).	Force (0 to 12).		Reading at 3 p.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).	Force (0 to 12).			Max.	Min.		
Haparanda	29.79	50	2	0	6	b	29.86	+ .12	49	44	- 1	NE	4	0	*	*	55	39	-	
Hernösand	29.80	48	2	0	8c	b	29.84	+ .04	51	48	+ 2	NE	2	0	*	*	55	37	-	
Stockholm	29.75	55	SE	2	2	2	29.73	- .03	58	50	0	E	2	0	*	*	72	46	-	
Wisby	29.73	58	SE	4	0	0	29.66	- .05	59	52	+ 2	SE	6	0	*	*	66	55	-	
Bodo	29.64	61	WNW	2	6	6	29.66	- .02	59	50	+ 3	E	6	0	*	*	68	52	-	
Christiansand	29.46	60	NE	3	0	0	29.34	- .16	67	57	+ 9	SE	3	0	2	2	68	55	-	
†Skudesnaes	29.40	59	SE	4	2	2	29.37	- .17	59	58	0	SE	8	0	5	5	61	59	-	
Oxö (Narvik)	29.46	61	E	2	2	2	29.41	- .20	60	58	+ 1	SSW	4	0	3	3	61	57	0.16	
Skagen (The Skaw)	29.52	64	3	3	6	6	29.47	- .19	59	58	- 2	SW	2	2	0	0	68	57	0.20	
Parö	29.47	60	WSW	4	C	C	29.49	- .12	60	57	- 10	WSW	4	C	*	*	75	59	0.04	
Cuxhaven																				
†Sumburgh Head	29.29	54	SE	2	2	2	29.20	- .17	53	53	+ 1	SE	3	m	3	3	55	50	0.14	
†Stornoway	29.25	55	NE	3	2	2	29.16	- .18	55	54	- 1	SSW	3	e	2	2	60	52	0.06	
Wick	29.22	53	NE	3	f	f	29.15	- .20	58	54	+ 1	E	1	f	2	2	55	51	0.15	
Nairn	29.23	57	E NE	1	0	0	29.17	- .17	55	54	0	2	0	2	0	0	58	54	0.09	
†Aberdeen	29.23	61	E	2	B	B	29.18	- .16	68	58	+ 8	SSW	1	C	1	1	66	49	-	
Leith	29.24	61	WSW	1	C	C	29.21	- .14	60	55	+ 1	WSW	1	6c	*	*	68	51	0.07	
†Shields	29.28	64	W	3	C	C	29.27	- .10	59	54	0	SW	2	C	2	2	65	52	0.05	
Sarn Head	29.36	62	SW	4	6c	6c	29.38	- .07	59	55	- 1	SW	5	6c	3	3	63	54	0.01	
York	29.34	58	SW	1	2	2	29.36	- .06	58	54	- 1	SSW	3	6c	*	*	67	52	0.22	
Loughborough	29.41	61	W	4	C	C	29.43	- .04	56	53	- 4	WSW	3	09	*	*	67	53	0.12	
†Ardrossan	29.26	60	2	0	C	C	29.21	- .13	57	57	- 2	SSW	3	0	2	2	63	54	0.02	
†Mullaghmore	29.36	57	W	5	09p	09p	29.24	- .11	54	52	- 2	SW	5	09	4	4	50	54	0.32	
Donaghadee	29.31	56	W	5	2	2	29.27	- .09	55	54	- 3	WSW	5	0	2	2	63	51	0.25	
Parsonstown	29.47	56	W	2	2	2	29.27	- .16	56	53	0	S	1	0	*	*	62	51	0.03	
Barrow-in-Furness	29.31	59	SW	5	6c	6c	29.31	- .07	55	53	- 2	SW	4	0	5	5	61	53	0.12	
†Holyhead	29.37	57	WSW	4	mp	mp	29.34	- .07	56	54	- 1	SW	3	C	3	3	60	53	0.09	
Liverpool (Bidston)	29.34	61	WSW	3	C	C	29.35	- .06	57	53	- 1	SSW	2	0	2	2	63	53	0.08	
†Valencia	29.56	56	W	5	pm	pm	29.23	- .27	56	55	+ 1	SW	5	09	6	6	61	51	0.24	
Roche's Point	29.53	57	WNW	4	C	C	29.25	- .26	56	55	0	SW	4	0	4	4	59	53	0.23	
Pembroke	29.49	57	WSW	5	C	C	29.38	- .11	56	55	0	SSW	3	09	4	4	59	54	0.09	
†Scilly	29.66	57	W	7	09	09	29.43	- .19	58	57	+ 2	SW	6	2	6	6	60	54	0.09	
Prasle Point	29.63	55	W	6	C	C	29.52	- .07	56	55	- 1	SSW	5	C	5	5	60	52	0.10	
Hurst Castle	29.57	60	W	7	C	C	29.56	- .01	58	55	- 2	WNW	8	C	6	6	63	55	-	
†Dover	29.55	60	SW	4	6	6	29.58	+ .03	58	56	- 4	WSW	5	6c	4	4	63	56	0.06	
†London	29.56	60	SW	3	C	C	29.54	+ .02	59	55	- 1	SSW	4	C	*	*	67	53	0.11	
Oxford	29.51	58	SW	4	C	C	29.49	- .03	58	55	+ 1	SW	3	0	*	*	65	50	0.08	
Cambridge	29.45	65	SW	2	C	C	29.48	- .03	59	55	+ 1	SW	2	0	*	*	68	53	-	
†Yarmouth	29.47	64	WSW	4	6c	6c	29.49	- .01	60	55	- 1	WSW	4	6c	3	3	68	54	0.06	
The Helder	29.52	62	SW	4	6c	6c	29.52	- .04	60	57	- 1	SW	5	C	3	3	66	59	0.08	
Cape Gris Nez	29.60	58	WSW	8	0	0	29.62	+ .06	59	56	0	WSW	8	C	6	6	64	55	-	
†Jersey	29.72	58	W	6	6c	6c	29.66	- .02	59	57	+ 2	SW	5	09	4	4	63	55	-	
Brest	29.80	59	W	5	0	0	29.66	- .08	58	55	0	WSW	5	0	5	5	61	54	0.04	
Lorient	29.78	58	WNW	8	0	0	29.68	- .02	58	56	0	WSW	7	0	4	4	63	54	0.04	
†Rochefort	29.90	64	WNW	8	0	0	29.87	+ .03	63	57	0	WSW	7	0	3	3	70	55	-	
Biarritz	30.04	66	W	5	C	C	29.95	- .09	63	58	0	S	1	6c	3	3	66	52	0.04	
Corunna																				
Brussels																				
Charleville	29.67	61	W	4	C	C	29.75	+ .08	57	51	- 6	W	8	0	*	*	73	50	0.16	
Paris	29.73	63	SW	5	6c	6c	29.79	+ .10	60	59	- 4	SSW	7	0	*	*	*	*	0.04	
Lyons	29.95	62	E	1	C	C	29.97	+ .09	60	56	- 6	S	1	C	*	*	67	53	0.51	
Toulon	29.96	66	SW	4	m	m	29.95	- .03	57	58	0	W	1	6	2	2	79	61	-	

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

Hawes Junction	28.12	53	WSW	3	2	2	28.11	- .08	50	50	- 3	SW	2	2	2	2	60	48	0.92
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.				
Skudesnaea ...	29.47	61	58	SSE	6	of	5	Valencia ...	29.59	59	56	WNW	5	0	6		
Sumburgh Head	29.30	55	54	SE	2	2	3	Scilly ...	29.65	57	55	W	7	09	6		
Stornoway ...	29.30	58	55	ENE	3	0	2	Dover ..	29.57	62	59	WSW	5	69 p	4		
Aberdeen ...	29.28	62	58	S	2	6	2	London ...	29.51	65	59	SW	4	C	*		
Shields ...	29.31	63	57	WSW	3	2	2	Yarmouth ...	29.47	66	59	WSW	4	6c	2		
Ardrossan ...	29.31	61	57	SW	3	6c	2	Jersey ...	29.70	62	58	W	6	6c	4		
Mullaghmore ...	29.36	58	55	WNW	5	pg	4	Rochefort ...	29.89	65	61	WNW	7	0	2		
Holyhead ...	29.39	58	56	SW	4	C	3	Ben Nevis (4406ft)									
								9 am. - 50.	29.93	42	42	S	1	f	45	39	0.03

The barometer has risen at our W^o stations, but a new fall has set in at Valencia since noon. In the N. and E. the decrease of pressure reported this morning is still in progress. The winds are very little changed and the weather is showery in many 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 (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.
 + The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway and Denmark, and at 7 p.m. (local time) in France. The Oxford observations are taken at 8 p.m.
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DAILY WEATHER REPORT

FOR

FRIDAY, 7TH JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

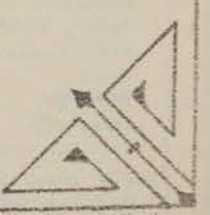
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on

FRIDAY, 7th JULY

1882



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.

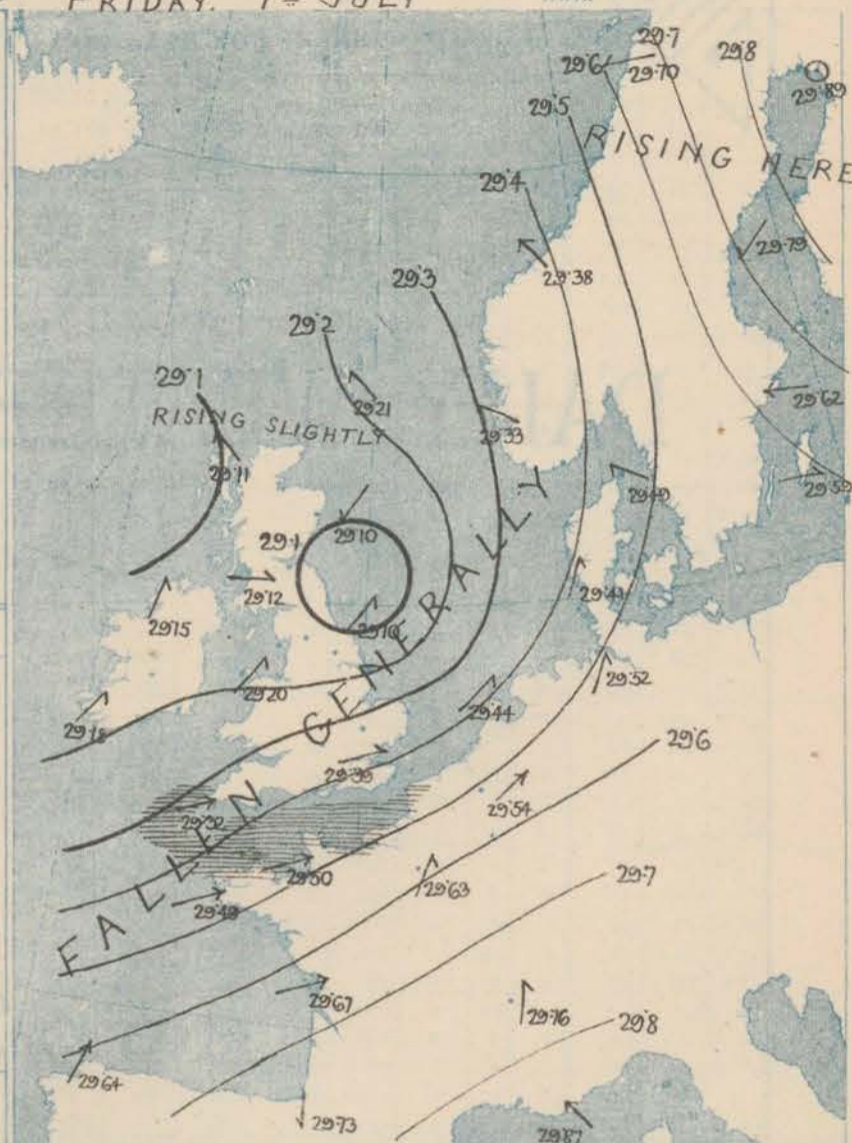
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4.
 ○ = dead calm.

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
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Valencia	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.

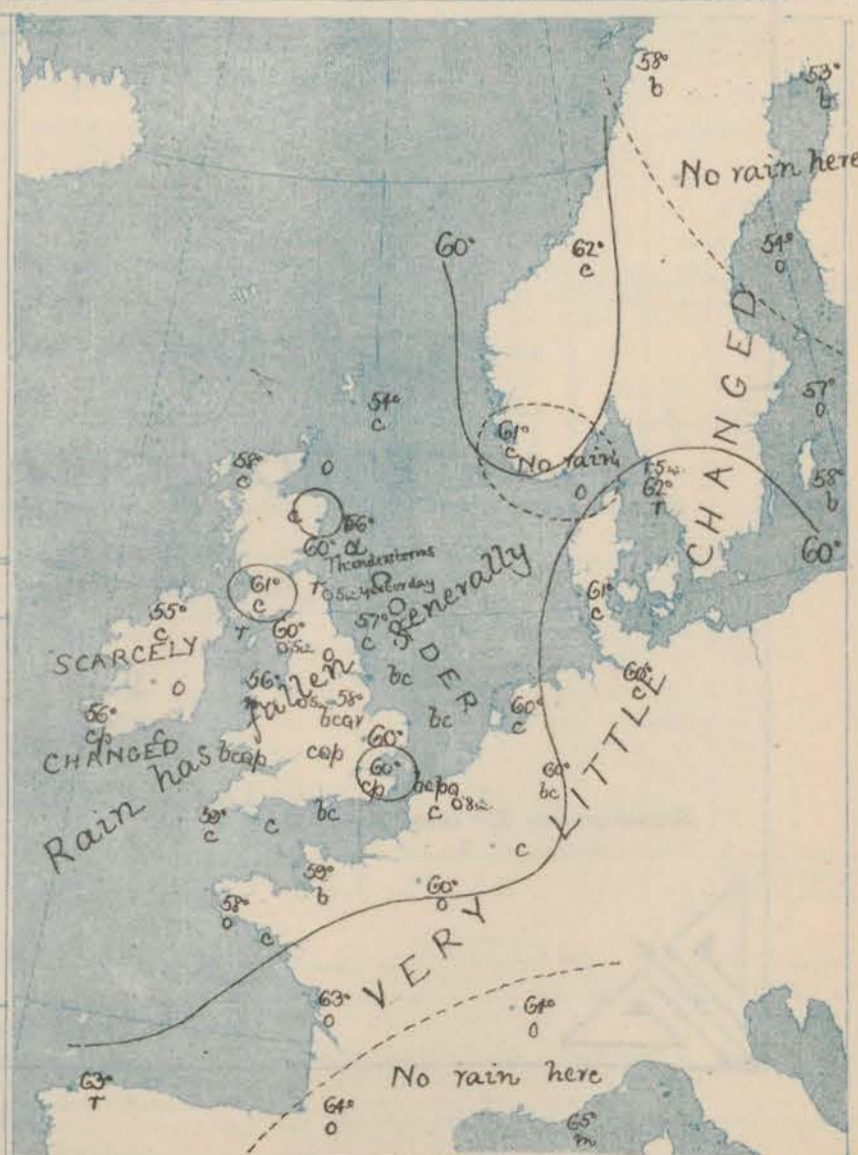
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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
	°	ins.
Southburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dever	62.7	2.03
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...FRIDAY...7th JULY...1882...at 8 a.m.

The weather over the British Islands continues in a changeable showery condition, and at present there are no indications of any permanent improvement. There is still a depression lying off our north-west coast, and a well marked secondary over the Firth of Forth and south-east of Scotland, while some very shallow subsidiary disturbances are passing in an ENE^{ly} direction over our southern districts. The winds reported are subsequently chiefly SW^{ly} in direction, and blow strongly along our southern coast and in France. Temperature continues low generally, the sky is cloudy, and showery weather prevails in most places. Thunderstorms occurred over our north-eastern districts yesterday. The sea is rough in the Channel, smooth at our north-western, northern and north-eastern stations.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

8th JULY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light breezes, chiefly S ^{ly} and SW ^{ly} ; fair on the whole.	6 SCOTLAND WEST	S ^{ly} and SW ^{ly} breezes, moderate; fair to showery.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	Same as N° 5.
4 ENGLAND EAST	SW ^{ly} breezes, fresh; showery, cold and clear during night.	9 IRELAND NORTH	SW ^{ly} breezes, moderate; occasional showers
5 MIDLAND COUNTIES	-----D°-----D°-----D°-----	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	SW ^{ly} breezes, strong, squally; passing showers. Cold at night.	WARNINGS	
		The S. cone hoisted in district N° 10 yesterday morning has been lowered again this morning.	

METEOROLOGICAL OBSERVATIONS FOR

7th JULY

1882

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.			WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Direct.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.				
Haparanda	29.88	32	NE	2	h	29.87	+ 0.3	53	42	+ 4	2	0	h	58	41	-			
Hernösand	29.76	49	NE	4	e	29.79	- 0.5	54	50	+ 2	2	0	h	63	39	-			
Stockholm	29.63	55	SE	6	o	29.62	- 1.1	57	55	- 1	2	0	h	68	54	0.04			
Wisby	29.86	55	E	6	o	29.59	- 0.7	58	57	- 1	W	4	h	61	54	0.20			
Bodö	29.62	63	E	2	h	29.70	+ 0.4	58	56	- 1	E	4	h	70	54	-			
Christiansund	29.35	63	SE	3	o	29.38	+ 0.4	62	52	- 5	SE	6	c	70	54	0.04			
†Skudesnaes	29.38	59	SE	6	c	29.33	- 0.4	61	55	+ 2	ESE	4	c	61	59	-			
Ozö (Xiansund)	29.42	59	SSW	4	c	29.39	- 0.2	59	57	- 1	ESE	6	o	63	55	-			
Skagen (The Skaw)	29.45	58	SE	2	o	29.49	+ 0.2	62	59	+ 3	ESC	3	A	63	52	1.50			
Fanö	29.49	58	SSW	4	c	29.41	- 0.8	61	59	+ 1	SSW	4	c	64	55	0.43			
Cuxhaven	29.60	?	W	3	A	29.52	- 0.6	60	58	+ 1	SW	3	c	63	55	0.24			
†Sumburgh Head	29.16	56	SE	3	c	29.21	+ 0.1	54	53	+ 1	SE	3	c	57	52	0.02			
†Stornoway	29.10	58	SE	3	bc	29.11	- 0.5	58	55	+ 3	SE	2	c	61	50	-			
Wick	29.11	56	SE	1	h	29.13	- 0.2	54	53	- 1	SE	2	o	62	51	-			
Nairn	29.09	60	W	0	c	29.11	- 0.6	60	54	+ 5	W	0	c	62	53	0.04			
†Aberdeen	29.14	57	S	1	h	29.10	- 0.8	56	55	- 9	NE	1	h	67	49	0.13			
Leith	29.16	57	WSW	1	bc	29.09	- 1.2	53	53	- 7	W	1	h	64	51	0.50			
†Shields	29.18	62	SW	3	o	29.10	- 1.7	57	54	- 2	SW	1	c	65	52	0.06			
Spurn Head	29.23	60	S	5	c	29.24	- 1.4	57	53	- 2	SW	6	bc	66	52	0.01			
York	29.21	56	SE	1	A	29.18	- 1.8	56	53	- 2	SW	3	o	64	50	0.37			
Loughborough	29.22	59	SW	5	o	29.27	- 1.6	58	53	+ 2	WSW	6	bc	63	52	0.18			
†Ardrossan	29.42	60	SW	3	c	29.12	- 0.9	61	56	+ 4	W	1	c	61	51	-			
†Mullaghmore	29.13	59	NNW	3	o	29.15	- 0.9	55	53	+ 1	SSW	2	c	61	52	0.15			
Donaghadee	29.13	55	S	4	c	29.17	- 1.0	50	49	- 5	SE	2	A	62	49	0.05			
Parsonstown	29.15	54	WSW	1	A	29.19	- 0.8	53	52	- 3	S	1	o	62	48	0.44			
Barrow-in-Furness	29.45	57	SE	3	A	29.14	- 1.7	56	55	+ 1	SW	3	ap	64	52	0.52			
†Holyhead	29.13	57	SE	3	cp	29.20	- 1.4	56	54	- 0	SW	3	m	61	53	0.30			
Liverpool (Bidston)	29.18	57	SE	2	A	29.19	- 1.6	56	54	- 1	SW	3	c	61	52	0.52			
†Valencia	29.21	56	WSW	4	qep	29.18	- 0.5	56	54	- 0	SW	3	cp	60	49	0.33			
Roche's Point	29.20	57	WSW	5	o	29.22	- 0.3	56	53	- 0	SW	4	c	61	50	0.12			
Pembroke	29.20	56	WSW	5	bc	29.26	- 1.2	53	50	- 3	WSW	3	bc	58	53	0.27			
†Scilly	29.36	60	WSW	8	c	29.32	- 1.1	59	53	+ 1	WSW	6	c	61	51	0.27			
Prawle Point	29.38	56	SW	4	h	29.38	- 1.4	53	52	- 3	SSW	6	c	59	51	0.03			
Hurst Castle	29.40	58	WSW	8	c	29.41	- 1.5	58	55	- 0	W	7	bc	60	51	0.06			
†Dover	29.43	58	WSW	5	opq	29.42	- 1.6	60	57	+ 2	WSW	5	bc	63	56	0.28			
†London	29.34	59	SW	4	c	29.39	- 1.5	60	54	+ 1	WSW	4	cp	64	53	0.13			
Oxford	29.31	55	SW	5	c	29.34	- 1.5	58	53	- 0	SW	5	cp	64	51	0.19			
Cambridge	29.32	62	SW	3	o	29.32	- 1.6	59	54	- 0	SW	2	c	67	51	0.01			
†Yarmouth	29.36	60	SSW	4	c	29.36	- 1.3	58	54	- 2	SW	4	bc	65	52	0.10			
The Helder	29.45	59	S	3	A	29.44	- 0.8	60	56	- 0	SW	4	c	64	57	?			
Cape Gris Nez	29.45	59	SW	5	m	29.48	- 1.4	58	56	- 1	WSW	8	c	62	52	0.83			
†Jersey	29.50	59	WSW	6	cp	29.50	- 1.6	59	56	- 0	WSW	5	h	61	54	0.33			
Brest	29.54	59	W	5	c	29.49	- 1.7	58	55	- 0	WSW	5	o	59	55	0.04			
Lorient	29.55	59	W	5	o	29.50	- 1.8	59	55	+ 1	W	5	c	61	50	0.35			
†Rochefort	29.71	64	WSW	8	o	29.67	- 2.0	63	59	- 0	WSW	7	o	66	59	0.35			
Biarritz	29.77	58	N	4	bc	29.73	- 2.2	64	59	+ 1	W	3	o	75	52	-			
Corunna	29.64	58	SE	3	h	29.64	-	63	61	-	SSW	7	A	70	50	0.04			
Brussels	29.54	60	SW	5	h	29.54	-	60	56	-	SW	5	h	67	54	0.28			
Charleville	29.65	60	W	4	o	29.60	- 1.5	59	55	+ 2	W	7	c	64	55	0.08			
Paris	29.63	61	SW	4	o	29.63	- 1.6	60	57	- 0	SSW	1	o	*	*	0.16			
Lyons	29.76	69	S	4	o	29.76	- 2.1	64	57	+ 4	S	1	o	71	?	-			
Toulon	29.89	72	WSW	1	h	29.87	- 0.8	65	64	- 2	SE	5	m	77	61	-			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.99	81	SSW	2	A	29.96	- 1.5	49	48	- 1	SSW	2	A	58	48	?			

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.			
Skudesnaes ...	29.35	61	58	SSE	6	o	4	Valencia ...	29.23	54	54	W	4	p	3	
Sumburgh Head	29.18	56	54	SE	3	m	3	Scilly ...	29.38	59	56	WNW	8	cp	6	
Stornoway ...	29.12	61	57	SE	3	b	2	Dover ..	29.50	62	58	WSW	5	bcpp	4	
Aberdeen ...	29.16	61	58	S	3	cp	2	London ...	29.43	61	57	SSW	5	o	p	*
Shields ...	29.23	68	57	WSW	3	c	2	Yarmouth ...	29.44	62	58	SSW	4	cp	3	
Ardrossan ...	29.16	60	56	SW	3	c	2	Jersey ...	29.50	58	57	SW	6	n	5	
Mullaghmore	29.15	58	55	WNW	2	o	2	Rochefort	29.78	65	60	SW	8	o	3	
Holyhead ...	29.38	56	55	SSW	3	cp	2	Ben Nevis (4406 ft.)	29.79	50	40	SW	1	f		
													Max. Min. Rain			
													45 27 10.36			

The barometer has begun to rise again at Valencia, but continues to fall elsewhere. SW winds are still reported from all but the Irish stations, where they have veered to W. Showery weather continues general.

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 5 p.m.

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



DAILY WEATHER REPORT

FOR

SATURDAY, 8TH JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

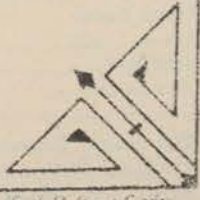
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on SATURDAY, 8TH JULY 1882

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;

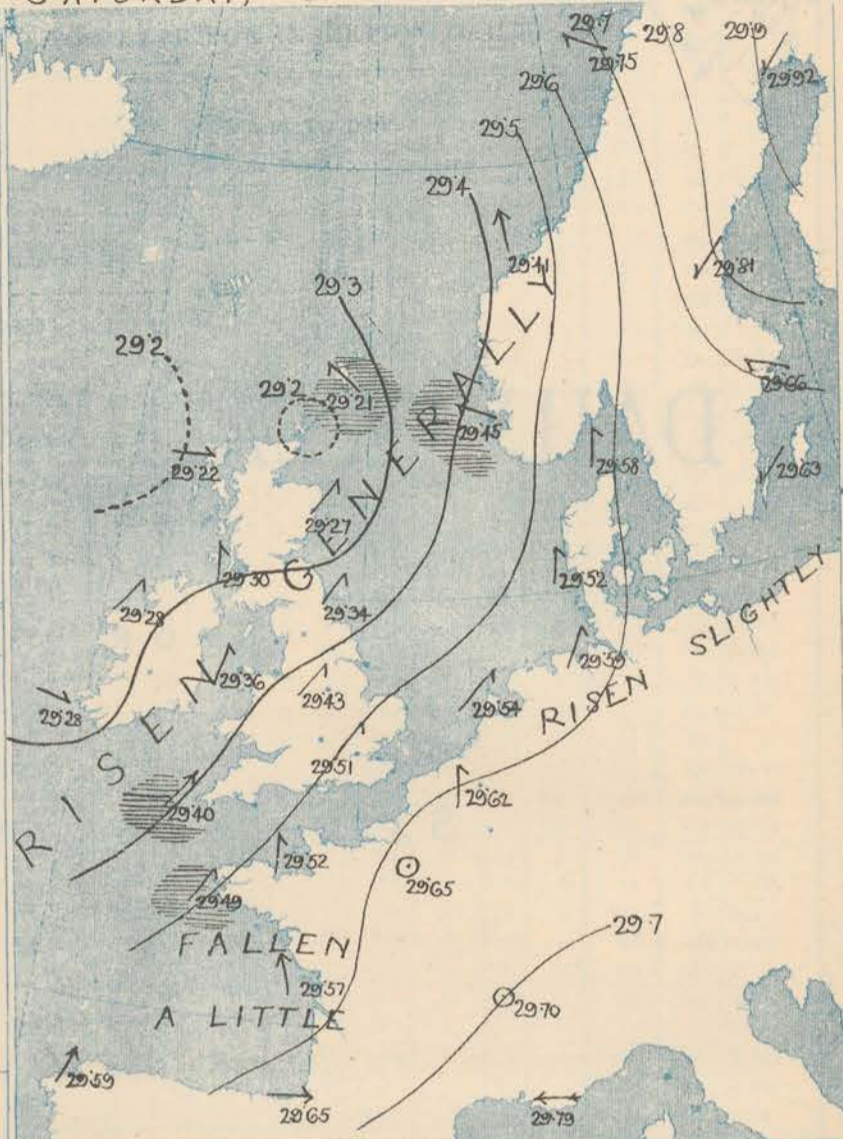
○ = dead calm

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

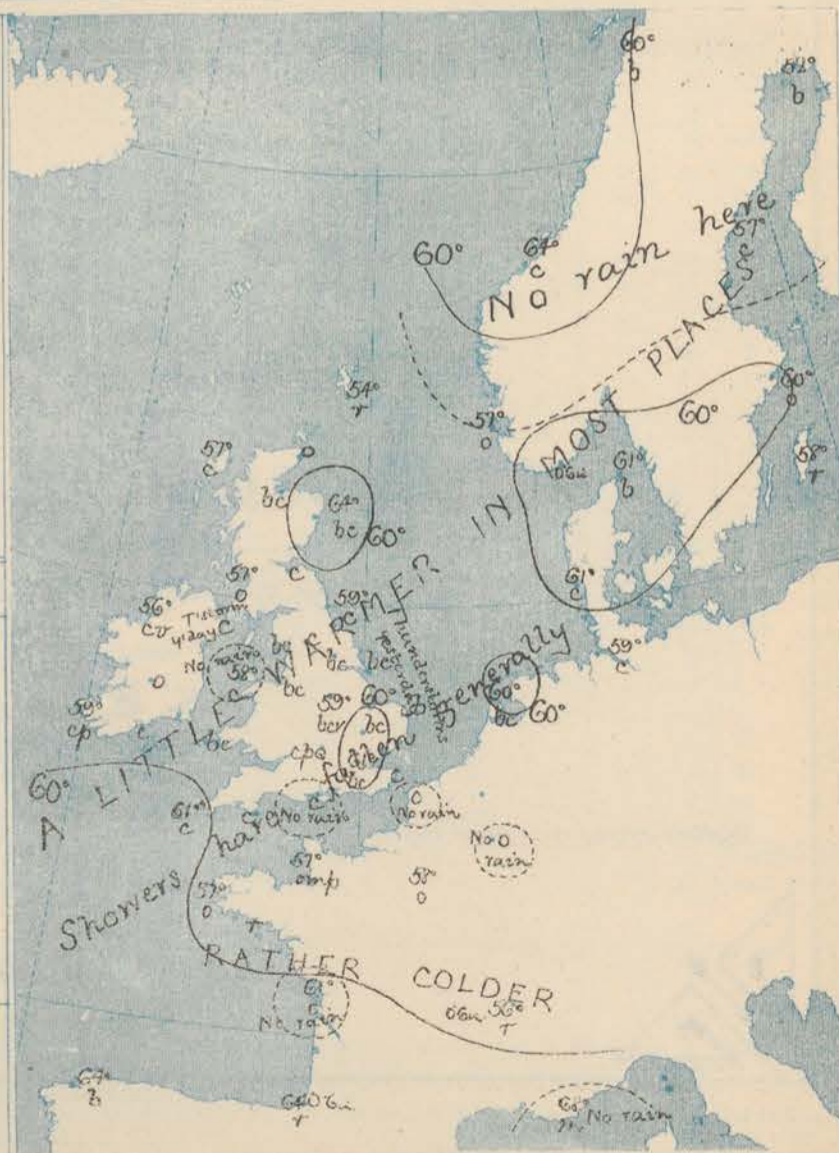
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.88
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 8TH JULY 1882 at 8 a.m.

The weather over the greater part of our Islands remains in a very showery changeable condition, but seems inclined to improve a little in the most northern districts; in the south, however, a continuance of showery unsettled weather seems probable, with thunder in places. Pressure now ranges from about 29.9 ins. over the southern half of France to 29.2 ins. at Stornoway, the gradients being somewhat irregular. In most places the barometer is rising, but a fresh fall has set in over the W. of France, to which region a shallow depression has advanced from the SWrd. Temperature has increased slightly, but the maximum readings recorded during the past 24 hours were below 70° in all parts of our Islands. The wind is SW^{ly} in almost all places - light and variable in the N., moderate to fresh in the S. At one or two stations, however, (and notably at Rochefort) it is SE^{ly}. Showers of rain have fallen very generally, thunderstorms have again occurred over our NE^{ly} counties, and the general appearance is very unsettled. The sea is moderate in the W. and S., smooth in the N. and NE.

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light breezes, chiefly SW ^{ly} ; fair on the whole, warm.	6 SCOTLAND WEST	SW ^{ly} breezes, moderate; some showers but fair on the whole.
2 SCOTLAND EAST	D°-----D°-----D°-----	7 ENGLAND N.W.	D°-----D°-----D°-----
3 ENGLAND NE	SW ^{ly} and S ^{ly} breezes, light; some showers.	8 ENGLAND S.W.	SW ^{ly} to NW ^{ly} winds, moderate; unsettled, cold, showery.
4 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	Varying W ^{ly} winds; some showers, but fair on the whole.
5 MIDLAND COUNTIES	Same as N° 2.	10 IRELAND SOUTH	D°-----D°-----D°-----
6 ENGLAND SOUTH	Wind varying between SW. and SE.; showery, afterwards thundery and very wet.	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

8th JULY

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.	
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.			
Haparanda	29.90	58	2	0	b	29.92	+ 0.2	52	46	- 1	NE	2	b		64	41	-		
Hernösand	29.78	52	NE	2	c	29.81	+ 0.2	57	51	+ 3	NE	4	c		64	46	-		
Stockholm	29.67	56	ESE	2	o	29.66	+ 0.4	60	57	+ 3	ESE	4	o		61	54	0.04		
Wisby	29.65	60	S	2	b	29.63	+ 0.4	58	57	0	ESE	2	x		72	54	0.20		
Bodö	29.74	63	SE	2	b	29.75	+ 0.5	60	52	+ 2	ESE	2	b	1	66	54	-		
Christiansund	29.42	66	SE	4	b	29.41	+ 0.3	64	54	+ 2	SSE	6	c	2	68	57	-		
†Skudesnaes	29.38	59	SSE	8	c	29.45	+ 1.2	57	54	- 4	ESE	6	o	5	63	7	-		
Oxö (Kunnsund)	29.45	59	S	4	c	29.50	+ 1.1	64	60	+ 5	S	4	c	3	7	55	0.62		
Skagen (The Skaw)	29.52	58	SW	2	b	29.58	+ 0.9	61	59	- 1	S	2	b	1	64	50	0.16		
Faro	29.53	57	SSW	4	b	29.52	+ 1.1	61	59	0	S	2	c		64	55	0.04		
Cuxhaven	29.53	?	WNW	2	b	29.54	+ 0.7	59	58	- 1	SSW	3	c		66	54	0.10		
†Sumburgh Head	29.18	57	E	4	o	29.21	- 0.0	54	54	0	SE	4	x	5	59	52	0.08		
†Stornoway	29.15	58	N	2	o	29.22	+ 1.1	57	55	- 1	W	4	c	3	62	53	0.01		
Wick	29.12	55	E	1	o	29.23	+ 1.0	54	52	0	WNW	1	o	1	60	50	0.04		
Nairn	29.11	58	2	0	n	29.24	+ 1.3	59	55	- 1	SW	2	b	1	62	54	0.03		
†Aberdeen	29.11	57	W	1	cp	29.27	+ 1.7	64	59	+ 8	SW	1	b	1	64	52	0.19		
Leith	29.15	59	W	1	c	29.29	+ 2.0	58	53	+ 5	W	1	o		67	52	0.12		
†Shields	29.21	58	W	2	c	29.34	+ 2.4	59	55	+ 2	SW	2	c	2	62	57	0.12		
Spurn Head	29.28	64	?	4	b	29.40	+ 1.6	59	55	+ 2	SW	3	b	2	66	51	0.03		
York	29.26	60	W	1	c	29.39	+ 2.1	57	54	+ 1	WSW	2	b		63	49	0.14		
Loughborough	29.30	58	SW	5	c	29.43	+ 1.6	59	55	+ 1	SW	3	b		67	50	0.06		
†Androssau	29.17	57	SW	2	n	29.30	+ 1.8	57	55	- 4	S	2	o	1	64	52	0.08		
†Mullaghmore	29.17	60	WNW	1	o	29.28	+ 1.3	56	54	+ 1	SW	1	c	2	62	54	0.16		
Donaghadee	29.20	57	SSW	3	o	29.31	+ 1.4	58	56	+ 3	SW	2	c	0	62	48	0.13		
Parsonstown	29.20	56	SW	1	n	29.31	+ 1.2	54	52	+ 1	SE	1	o		64	45	0.23		
Barrow-in-Furness	29.23	59	SW	3	b	29.33	+ 1.9	57	54	+ 1	S	5	b	4	61	54	0.02		
†Holyhead	29.24	58	SW	4	b	29.36	+ 1.6	58	55	+ 2	SSW	3	c	2	60	53	-		
Liverpool (Bishop)	29.24	62	SW	3	b	29.37	+ 1.8	59	54	+ 3	SW	1	b	2	64	49	0.17		
†Valencia	29.22	60	WSW	3	b	29.28	+ 1.0	59	58	+ 3	WNW	3	cp	3	62	54	0.14		
Roche's Point	29.22	59	SW	3	b	29.31	+ 0.9	57	55	+ 1	SSW	4	c	4	63	50	0.10		
Pembroke	29.27	56	WSW	3	b	29.37	+ 1.1	58	55	+ 5	SW	3	b	3	59	52	0.12		
†Scilly	29.34	60	WSW	6	c	29.40	+ 0.8	61	57	+ 2	SW	5	c	5	61	52	0.43		
Prawle Point	29.37	56	S	6	b	29.46	+ 0.8	57	56	+ 4	S	3	c	4	60	52	0.06		
Hurst Castle	29.41	60	WSW	5	b	29.48	+ 0.7	59	57	+ 1	WSW	4	c	4	63	51	-		
†Dover	29.45	60	SW	4	b	29.55	+ 1.3	59	57	- 1	W	3	c	2	63	57	0.05		
†London	29.40	62	SW	4	c	29.51	+ 1.2	61	55	+ 1	SW	2	b		67	51	0.03		
Oxford	29.36	57	S	3	o	29.47	+ 1.3	58	54	0	S	3	cp		65	49	0.10		
Cambridge	29.37	60	SW	2	o	29.49	+ 1.7	61	56	+ 2	SW	2	b		66	46	0.08		
†Yarmouth	29.39	56	SW	3	b	29.51	+ 1.5	62	56	+ 4	SW	3	b	3	65	51	0.06		
The Helder	29.49	60	SW	3	b	29.54	+ 1.0	60	56	0	SW	4	b	3	66	57	0.08		
Cape Gris Nez	29.47	61	SW	5	b	29.56	+ 0.8	59	57	+ 1	SW	5	o	4	64	55	-		
†Jersey	29.47	60	SW	5	cp	29.52	+ 0.2	57	57	- 2	S	3	omf	3	63	54	0.24		
Brest	29.48	62	SW	5	b	29.49	- 0.1	57	57	- 1	SW	4	o	5	61	55	0.04		
Lorient	29.49	59	WSW	4	c	29.46	- 0.3	56	54	- 3	WSW	3	x	4	64	54	0.24		
†Roche fort	29.67	62	SSW	8	o	29.57	- 1.0	61	60	- 2	SSE	5	o	2	66	54	-		
Biarritz	29.72	63	ESE	4	n	29.65	- 0.8	64	61	0	W	7	x	3	72	57	0.63		
Corunna	*	*	*	*	*	29.59	- 0.5	64	60	+ 1	SSW	5	b	4	66	54	0.66		
Brussels	*	*	*	*	*	29.62	+ 0.8	60	57	0	S	3	o	*	67	54	0.32		
Charleville	29.64	59	WSW	7	o	29.64	+ 0.4	58	54	- 1	WSW	7	o	*	65	55	-		
Paris	29.61	63	SSW	5	b	29.65	+ 0.2	58	56	- 2	2	0	n	*	*	*	0.12		
Lyons	29.80	55	N	3	f	29.70	- 0.6	56	56	- 8	NNE	1	n	*	72	53	0.59		
Toulon	29.80	68	SE	7	m	29.79	- 0.8	68	67	+ 3	E	8	m	4	72	63	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.05	53	WSW	2	b	28.16	+ 1.0	54	51	+ 5	S	2	c	*	55	44	0.74		

YESTERDAY'S 2 P.M. REPORTS AND REMARKS

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.35	60	57	SSE	8	c	4	Valencia ...	29.21	62	58	WSW	4	c	4
Sumburgh Head ...	29.18	57	55	E	4	o	4	Scilly ...	29.31	57	56	SW	5	cp	6
Stornoway ...	29.14	62	56	E	3	c	2	Dover	29.45	62	58	SW	5	b	4
Aberdeen ...	29.08	60	57	E	1	c	2	London ...	29.39	65	58	SW	5	cp	*
Shields ...	29.19	57	55	WNW	1	n	2	Yarmouth ...	29.39	59	56	SSW	4	c	3
Androssau ...	29.14	62	57	SW	2	c	1	Jersey ...	29.48	57	56	SW	3	b	4
Mullaghmore ...	29.15	60	55	WNW	2	cp	2	Roche fort ...	29.67	63	61	SSW	6	o	4
Holyhead ...	29.23	59	55	SW	5	b	4	Ben Nevis (4906 ft.) 8 am. on 7th ...	24.74	40	40	2	0	f	Max. Min. Rain 42. 35. 0.11

The barometer is still falling a little in the E. of Scotland and at Scilly, but shows a disposition to rise elsewhere. The winds are little changed and the weather continues showery in the S. At Shields and Yarmouth thunderstorms have occurred.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unobscured 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 9TH JULY,

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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



ROBERT H. SCOTT

(SECRETARY.)



Printed by D. J. Doughty, 11, St. Paul's Churchyard, St. James's, London.

WEATHER CHARTS

for 8 a.m. on SUNDAY, 9TH JULY

1882

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.

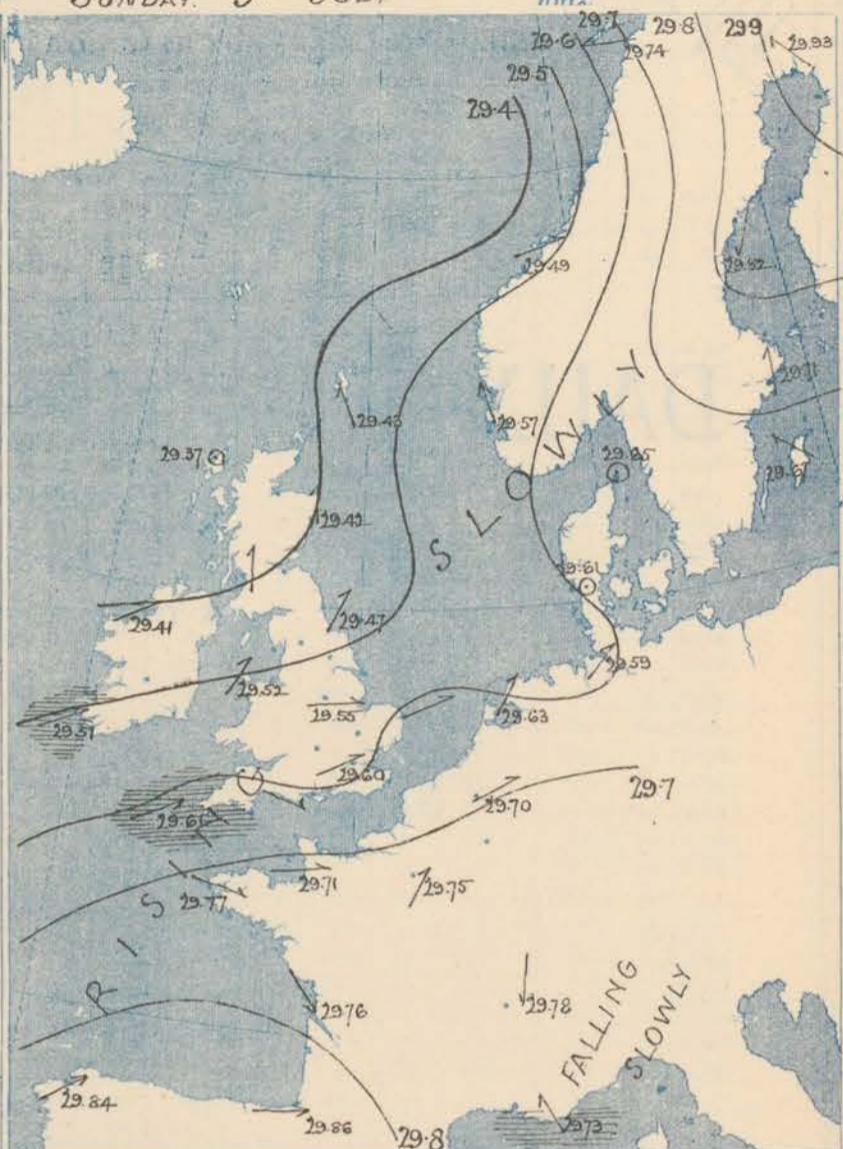
Sea Disturbance; where considerable, is shown by shading round the coast; thus = rough; = High.

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	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

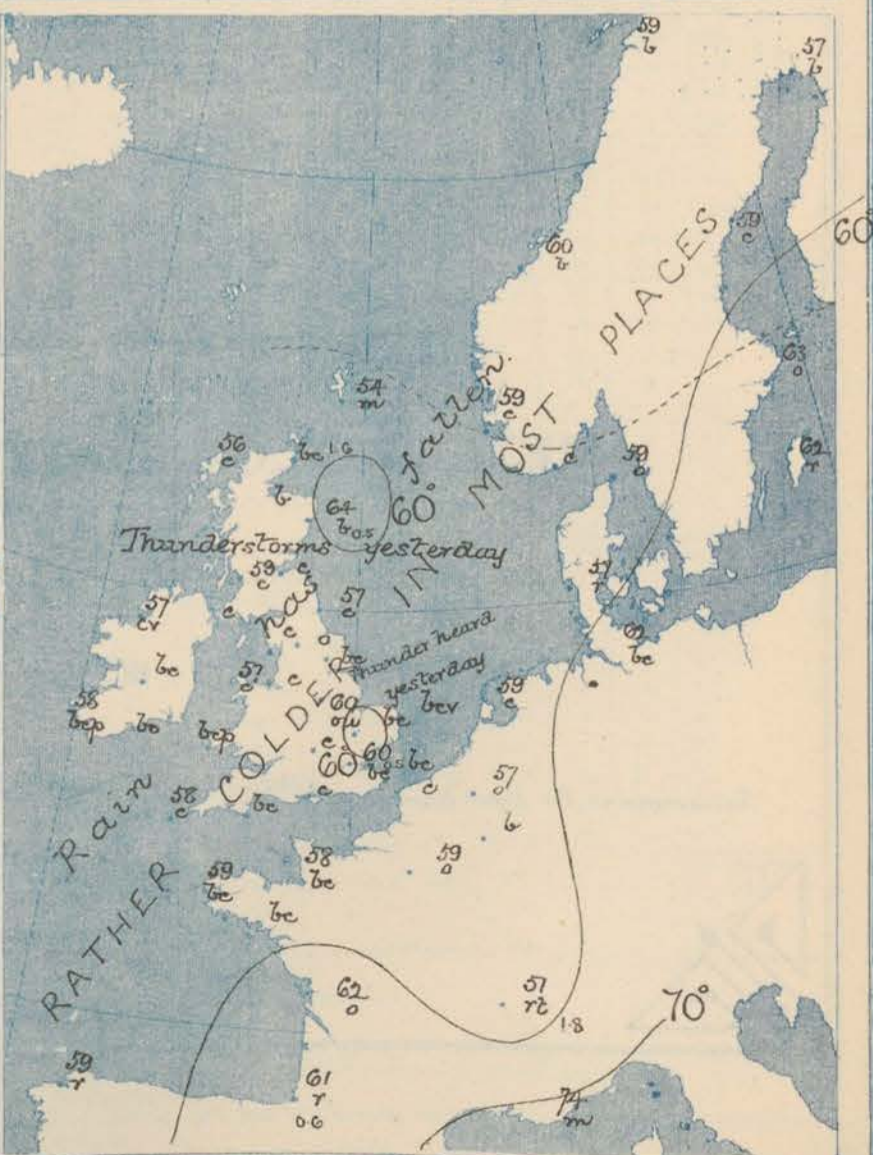
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 9th July 1882 at 8 a.m.

The rise of the barometer which was in progress over our Islands yesterday morning still continues, and the mercury has now begun to rise in France also. Areas of high pressure are found over Scandinavia and the N. of Spain, while the lowest readings exist to the NW. of our Islands, and small shallow disturbances continue to pass across Ireland and England. The winds are light from S. in the N., but from SW. or W. in all the more southern districts. The weather is at present fine in most places, but showers are felt at some of the SW. stations. In the course of yesterday thunderstorms were experienced in many parts of our N. and E. districts and at Wick as much as an inch and a half of rain fell. Temperature has fallen slightly and ranges from 64° at Aberdeen to 54° in the Shetlands. The maxima yesterday were as high as 70° at Spurn Head, Loughboon and Cambridge. The sea is rather rough in the W. part of the Channel.

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 9th JULY

1882

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force.				Dry.	Wet.		Dir.				Max.	Min.			
Haparanda	29.59	59	Z	0	b	29.93	+ .01	57	54	+ 5	SE	4	b	*	68	52	-		
Hernösand	29.78	53	NNE	2	c	29.82	+ .01	59	54	+ 2	NNE	2	c	*	63	46	-		
Stockholm	29.70	58	SE	2	c	29.71	+ .05	63	59	+ 3	S	2	o	*	66	55	0.20		
Wisby	29.68	59	WSW	4	o	29.67	+ .04	62	60	+ 4	SSE	4	r	*	68	54	0.04		
Bodö	29.73	64	SSE	2	b	29.74	- .01	59	50	- 1	E	4	b	2	70	55	-		
Christiansund	29.45	62	WSW	1	b	29.49	+ .08	60	57	- 4	WSW	4	b	2	68	55	-		
†Skudesnaes	29.49	56	E	2	c	29.57	+ .12	59	53	+ 2	SSE	6	c	4	59	55	-		
Oxö (Xansund)	29.53	58	SSH	4	c	29.61	+ .11	60	57	- 4	SSH	2	o	3	64	55	0.16		
Skagen (The Skaw)	29.61	58	SH	2	b	29.65	+ .07	59	56	- 2	Z	0	o	0	72	52	0.16		
Fanö	29.62	56	SH	2	c	29.61	+ .09	57	57	- 4	Z	0	r	*	64	52	0.28		
Cuxhaven	29.60	?	NE	2	r	29.50	00	62	61	+ 3	SW	1	bc	*	66	58	0.22		
†Sumburgh Head	29.33	56	SSE	3	c	29.43	+ .22	54	54	0	SSE	3	m	4	59	50	0.03		
†Stornoway	29.30	62	W	3	bc	29.37	+ .15	56	55	- 1	Z	0	c	0	63	44	0.13		
Wick	29.34	56	W	1	c	29.38	+ .15	59	58	+ 5	S	1	bc	1	61	45	1.55		
Nairn	29.30	59	E	1	bc	29.40	+ .10	57	50	- 2	Z	0	b	1	68	50	0.01		
†Aberdeen	29.34	57	Z	0	o	29.42	+ .15	64	58	0	S	1	b	1	67	48	0.46		
Leith	29.35	62	SW	1	c	29.42	+ .13	57	54	- 1	SE	1	c	*	68	46	0.30		
†Shields	29.37	64	NNW	2	c	29.47	+ .13	57	54	- 2	SW	3	c	2	67	51	0.04		
Spurn Head	29.42	60	SSE	4	c	29.51	+ .11	60	57	+ 1	SSH	3	b	2	70	52	0.02		
York	29.42	62	SH	2	c	29.52	+ .13	59	56	+ 2	WSW	1	bc	*	68	50	0.01		
Loughborough	29.47	55	Z	0	b	29.55	+ .12	60	56	+ 1	W	3	o	*	70	51	0.19		
†Ardrossan	29.35	61	SW	3	b	29.40	+ .10	59	56	+ 2	S	2	c	1	63	50	-		
†Mullaghmore	29.32	57	SE	2	o	29.41	+ .13	57	63	+ 1	SW	4	cu	3	63	51	0.10		
Donaghadee	29.36	60	SSE	4	bc	29.43	+ .12	56	55	- 2	W	4	c	2	65	53	0.02		
Parsonstown	29.35	57	WSW	1	r	29.49	+ .18	55	51	+ 1	SH	1	bc	*	65	45	0.05		
Barrow-in-Furness	29.40	60	SW	2	b	29.48	+ .15	57	54	0	WSW	4	c	3	65	55	-		
†Holyhead	29.40	60	SW	4	b	29.52	+ .16	57	53	- 1	SW	4	c	3	64	52	-		
Liverpool (Bidston)	29.42	58	NNE	1	r	29.52	+ .15	58	55	- 1	WSW	1	c	3	64	52	0.30		
†Valencia	29.45	55	WSW	2	o	29.51	+ .23	58	56	- 1	WSW	4	bc	5	64	50	0.05		
Roché's Point	29.42	58	NNW	3	bc	29.52	+ .21	56	53	- 1	SH	3	bc	4	64	49	0.18		
Pembroke	29.42	59	SW	3	bc	29.55	+ .18	54	54	- 2	WSW	2	bc	2	60	53	0.06		
†Scilly	29.50	60	WSW	5	c	29.61	+ .21	58	54	- 3	WSW	5	c	5	64	53	0.01		
Prawle Point	29.52	57	SSH	4	c	29.63	+ .17	56	54	- 1	SW	5	bc	5	62	52	0.04		
Hurst Castle	29.53	61	WSW	4	bc	29.62	+ .14	59	56	0	WSW	3	c	3	63	56	0.04		
†Dover	29.54	58	SSH	3	c	29.64	+ .09	59	57	0	SW	2	bc	2	62	57	0.03		
†London	29.62	58	S	3	or	29.60	+ .09	60	56	- 1	WSW	2	bc	*	65	52	0.48		
Oxford	29.52	56	SSH	2	bc	29.59	+ .12	58	56	0	SH	1	c	*	64	51	0.32		
Cambridge	29.47	63	SW	2	o	29.60	+ .11	59	57	- 2	SSH	1	bc	*	70	48	0.34		
†Yarmouth	29.52	60	WSW	3	c	29.60	+ .09	58	56	- 4	WSW	2	bc	2	63	50	0.04		
The Helder	29.54	60	SW	1	r	29.68	+ .09	59	56	- 1	SW	1	c	2	64	57	0.20		
Cape Gris Nez	29.58	58	WSW	7	r	29.65	+ .09	58	57	- 1	SW	4	c	3	62	57	0.08		
†Jersey	29.61	60	SW	3	bc	29.71	+ .19	58	56	+ 1	W	3	bc	3	60	54	0.11		
Brest	29.62	60	W	5	b	29.77	+ .28	59	54	+ 2	W	4	bc	3	61	54	-		
Lorient	?	63	? WSW	7	bc	? 29.69	+ .23	58	54	+ 2	NNW	5	bc	3	63	50	0.20		
†Rochefort	?	65	W	4	o	29.76	+ .19	62	59	+ 1	W	5	o	2	70	55	-		
Biarritz	29.56	64	N	3	o	29.84	+ .21	61	57	- 3	W	7	r	3	70	52	0.63		
Cornuna	*	*	*	*	*	29.84	+ .35	59	58	- 5	SW	7	r	*	68	52	0.20		
Brussels	*	*	*	*	*	29.70	+ .08	57	56	- 3	SW	1	o	*	65	53	0.28		
Charleville	29.59	62	S	4	o	? 29.77	+ .13	57	54	- 1	S	4	o	*	65	53	-		
Paris	29.63	61	SSE	4	bc	29.75	+ .10	59	56	+ 1	SW	1	o	*	*	*	0.24		
Lyons	29.81	61	ENE	1	o	29.78	+ .08	57	57	- 5	N	3	bc	*	80	57	1.82		
Tonion	29.82	66	SE	5	o	29.73	- .06	74	68	+ 6	SE	10	m	5	?	64	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.22	57	SSW	1	bc	28.28	+ .12	52	51	- 2	SW	3	o	*	61	45	0.06		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.46	59	56	ESE	7	c	5	Valencia ...	29.40	61	59	WNW	4	cu	4
Sumburgh Head	29.28	58	56	SSE	4	o	5	Scilly ...	29.46	64	60	WSW	5	bc	4
Stornoway ...	29.27	62	56	W	4	c	3	Dover ..	29.54	60	58	SSH	2	c	2
Aberdeen ...	29.32	61	58	SW	1	2 p	2	London	29.51	63	59	S	3	o	*
Shields ...	29.37	66	55	SW	3	c	2	Yarmouth	29.50	63	58	S	4	b	4
Ardrossan ...	29.34	61	57	S	2	b	1	Jersey ...	29.58	? 56	55	WNW	2	c	3
Mullaghmore	29.30	61	56	NNW	2	cu	2	Rochefort ...	29.66	66	61	W	8	o	4
Holyhead ...	29.40	62	57	SW	4	o	3								

The barometer continues to rise over the greater part of the Kingdom, but in the SE of England a slight fall is in progress owing to the advance of a small depression across France. Winds in the SE. have backed to S. Weather varies a good deal, and at Aberdeen a severe thunderstorm prevailed.

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

F O R

MONDAY, 10TH JULY.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

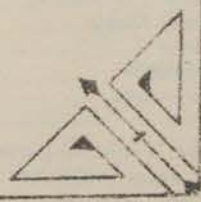
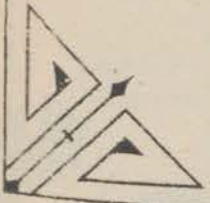
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on MONDAY 10TH JULY



1882

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.

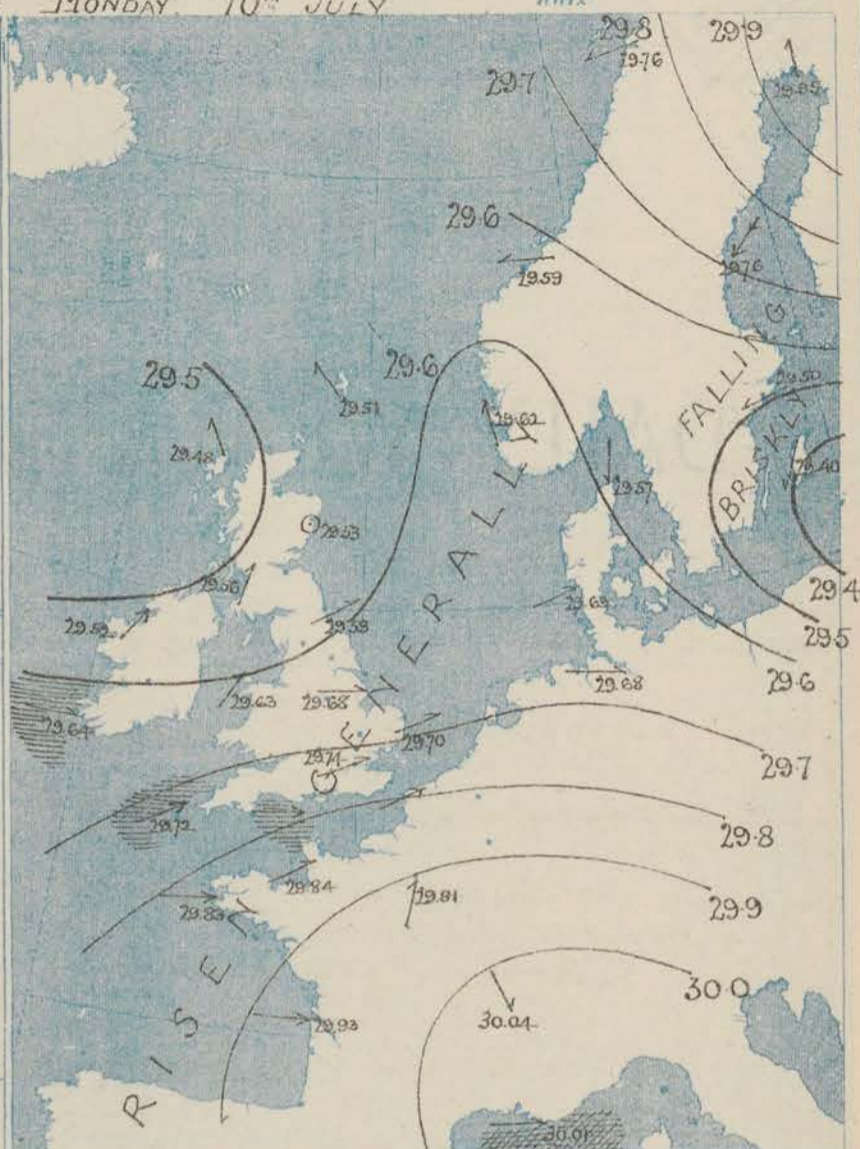
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; →→ forces 8 to 10
 →→ forces 5 to 7; →→ forces 1 to 4;
 ○ dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

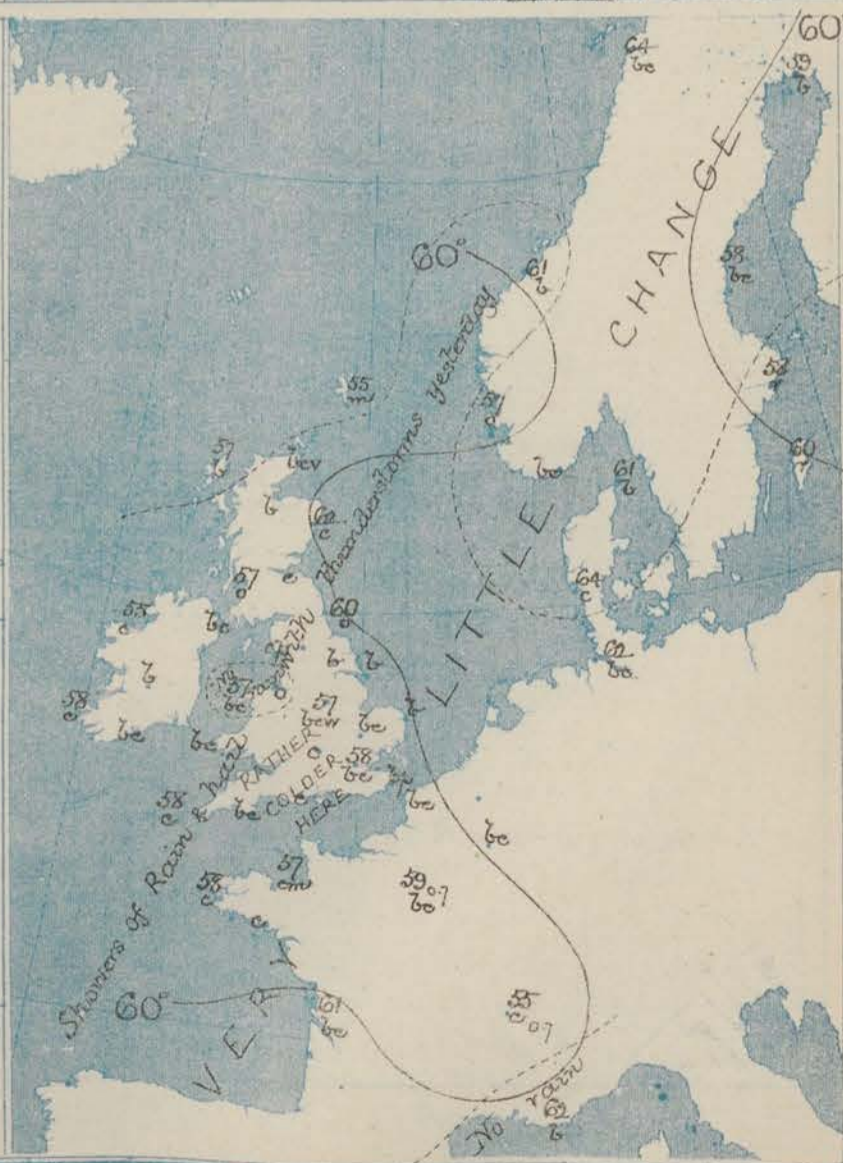
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	ins
Sunburgh Head	53.7	1.23
Sornoway	55.3	1.30
Aberdeen	58.3	2.47
Stuelis	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Selly (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	2.30
Karmouth	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, 10TH JULY 1882 at 8 a.m.

There is very little change to report as to the general state of the weather over our Islands, but the conditions are apparently rather less unsettled than they have been of late. Pressure varies from a little above 30 ins. over the south of France and a little below 30 ins. in the north of Sweden to about 29.5 ins. off our north west coasts. The wind is consequently W^t at our southern stations, SH^t and S^t in Scotland and SE^t to E^t over Scandinavia; the barometric gradients being slight the winds are only light to moderate in force. Temperature differs very little from that of yesterday, but the past night was very cold over England for this time of year. Showers of rain or hail fell in nearly all parts of the Kingdom yesterday, accompanied by thunder and lightning in some places. The general appearance continues rather stormy, especially for our northern districts. The sea is rather rough in the Channel, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

11TH JULY.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SH ^t to W ^t winds, light to moderate; stormy, with bright intervals.	6 SCOTLAND WEST	SH ^t to W ^t winds, moderate; stormy.
2 SCOTLAND EAST	SH ^t breezes, moderate or light; fair on the whole, but with a few showers.	7 ENGLAND N.W.	SH ^t to W ^t winds, moderate; stormy.
3 ENGLAND N.E.	SH ^t and W ^t breezes, moderate; stormy, cold and fair at night.	8 ENGLAND S.W.	Same as No 5.
4 MIDLAND COUNTIES	SH ^t and W ^t breezes, moderate to fresh; showers at times, clear and cold at night.	9 IRELAND NORTH	SH ^t and W ^t breezes, moderate or light; fair on the whole.
5 ENGLAND SOUTH		10 IRELAND SOUTH	
		WARNINGS	None issued

METEOROLOGICAL OBSERVATIONS FOR 10TH JULY 1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.				
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).				Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.89	58	Z	0	b	29.95	+ .02	59	57	+ 2	S	2	b	*	64	48	-
Hernösand	29.78	55	SE	2	o	29.76	- .02	58	55	- 3	NE	8	bc	*	68	52	-
Stockholm	29.69	59	SE	2	o	29.50	- .21	58	58	- 5	ENE	4	r	*	72	57	0.08
Wisby	29.65	59	ESE	4	r	29.40	- .27	60	59	- 1	NNE	4	*	*	70	54	0.24
Bodö	29.72	64	Z	0	c	29.76	+ .02	64	55	+ 5	ENE	2	bc	1	73	57	-
Christiansund	29.62	59	Z	0	b	29.59	+ .10	61	56	+ 1	E	1	b	0	61	56	0.16
†Skudesnaes	29.63	59	S	2	o	29.62	+ .05	57	54	- 2	SSE	5	o	4	62	?	-
Oxö (Århusund)	29.62	60	S	1	c	29.61	.00	63	60	+ 3	NNW	1	bc	1	63	55	-
Skagen (The Skaw)	29.63	60	ENE	3	o	29.57	- .08	61	58	+ 2	N	3	b	1	66	57	-
Faro	29.64	58	NW	2	bc	29.63	+ .02	64	59	+ 7	WSW	2	c	*	66	54	-
Cuxhaven	29.62	?	NW	1	bc	29.68	+ .09	61	60	- 1	N	4	bc	*	64	55	0.14
†Sumburgh Head	29.47	56	SSE	3	o	29.51	+ .08	65	55	+ 1	SE	3	m	3	60	51	-
†Stornoway	29.51	57	SSE	3	o	29.48	+ .11	57	55	+ 1	SSE	4	b	3	64	51	-
Wick	29.42	58	S	1	bc	29.52	+ .14	57	54	- 2	S	1	bc	1	65	50	0.08
Nairn	29.42	60	Z	0	o	29.51	+ .11	59	54	+ 2	Z	0	b	0	65	47	0.16
†Aberdeen	29.44	64	S	1	b	29.53	+ .11	62	56	- 2	Z	0	c	1	65	53	-
Leith	29.47	61	NE	2	b	29.55	+ .13	56	54	- 1	NE	1	c	*	65	52	0.09
†Shields	29.51	65	WSW	3	c	29.59	+ .12	60	55	+ 3	WSW	2	o	2	66	47	-
Spurn Head	29.56	60	WSW	2	c	29.63	+ .12	59	55	- 1	WSW	3	b	2	67	52	0.05
York	29.56	62	N	1	c	29.64	+ .12	58	54	- 1	N	1	b	*	67	48	0.01
Loughborough	29.60	64	WSW	2	bc	29.68	+ .13	57	54	- 3	W	2	bc	*	66	47	0.32
†Ardrossan	29.48	59	SSW	4	bc	29.56	+ .16	57	54	- 2	SSW	3	o	2	61	54	-
†Mullaghmore	29.46	59	N	3	o	29.52	+ .11	55	52	- 2	SW	5	c	3	63	55	0.01
Donaghadee	29.50	58	S	2	b	29.58	+ .15	56	54	0	WSW	2	bc	0	63	51	-
Parsonstown	29.54	62	WSW	1	b	29.59	+ .10	56	53	+ 1	WSW	2	b	*	64	46	0.10
Barrow-in-Furness	29.55	60	SW	4	b	29.58	+ .10	57	55	0	SW	2	cp	4	62	55	0.03
†Holyhead	29.56	58	SW	5	b	29.63	+ .11	57	54	0	SW	4	bc	3	61	53	-
Liverpool (Biston)	29.57	62	SW	3	b	29.63	+ .11	58	54	0	SW	2	o	1	64	49	-
†Valencia	29.58	59	WSW	5	c	29.64	+ .13	58	56	0	N	4	c	5	62	50	0.35
Roche's Point	29.58	52	WSW	4	c	29.64	+ .12	57	53	+ 1	N	4	bc	4	58	50	0.25
Pembroke	29.61	58	WSW	4	bc	29.66	+ .11	57	54	+ 1	WSW	3	bc	3	60	53	0.01
†Scilly	29.67	58	WSW	5	cp	29.72	+ .11	58	55	0	WSW	5	c	5	63	53	0.19
Prawle Point	29.71	57	SSW	4	bc	29.75	+ .12	56	54	0	SW	4	bc	4	61	52	0.02
Hurst Castle	29.69	60	N	6	b	29.76	+ .14	57	55	- 2	N	6	c	5	64	53	0.10
†Dover	29.60	60	WSW	5	b	29.76	+ .12	57	54	- 2	N	3	bp	2	63	53	0.12
†London	29.66	62	SW	3	bcpr	29.74	+ .14	58	55	- 2	WSW	1	bc	*	68	48	0.07
Oxford	29.68	56	S	2	a	29.73	+ .14	57	55	- 1	SW	2	c	*	65	48	-
Cambridge	29.62	64	SW	1	bc	29.72	+ .12	58	55	- 1	SW	1	bc	*	66	46	-
†Yarmouth	29.72	64	SW	3	bc	29.70	+ .10	60	55	+ 2	WSW	3	b	2	67	51	0.01
The Helder	29.68	64	SW	1	bc	29.72	+ .09	61	57	+ 2	SW	3	c	3	68	59	-
Cape Gris Nez	29.75	60	WSW	5	b	29.82	+ .17	58	54	- 2	WSW	5	bc	4	63	54	0.04
†Jersey	29.80	58	WSW	3	bc	29.82	+ .13	57	54	- 1	WSW	4	cm	3	63	53	0.07
Brest	29.78	60	N	5	b	29.83	+ .06	58	55	+ 1	N	5	o	4	61	55	0.08
Lorient	29.56	60	N	7	b	29.82	+ .13	58	52	0	N	4	c	2	63	52	0.12
†Rochefort	29.90	64	N	7	c	29.93	+ .17	61	58	- 1	N	5	bc	2	70	54	0.12
Biarritz																	
Corunna	*	*	*	*	*												*
†Brussels	*	*	*	*	*	29.82		58	54		SW	3	o	*	68	54	0.04
Charleville	29.76	63	NNW	1	c	29.85	+ .08	58	57	+ 1	NNW	4	bc	*	68	54	0.35
Paris	29.76	65	SW	7	c	29.91	+ .16	59	54	0	SW	4	bc	*			0.67
Lyons	29.95	61	ESE	1	bc	30.04	+ .26	55	53	+ 4	NNW	1	c	*	62	51	0.67
Toulon	29.85	85	NNW	8	b	30.07	+ .28	62	56	- 12	N	7	b	7	?	59	-

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

Hawes Junction	28.35	55	N	3	bc	28.40	+ .12	52	51	0	SW	2	o	*	58	47	0.07
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes	29.61	62	58	SSE	6	c	4	Valencia							
Sumburgh Head								Scilly							
Stornoway								Dover							
Aberdeen								London					*		
Shields								Yarmouth							
Ardrossan								Jersey							
Mullaghmore								Rochefort	29.06	65	62	NN	5	c	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; i. lightning; m. misty (hozy); 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).

+ Received too late for insertion in Chart.



DAILY WEATHER REPORT

FOR

TUESDAY, 11TH JULY

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

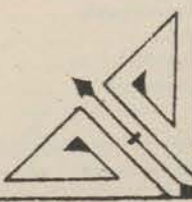
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ROBERT H. SCOTT
(SECRETARY.)



Printed by Dangerfield 116 22 Bedford St. London.

WEATHER CHARTS

for 8 a.m. on TUESDAY, 11th JULY

1882



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.

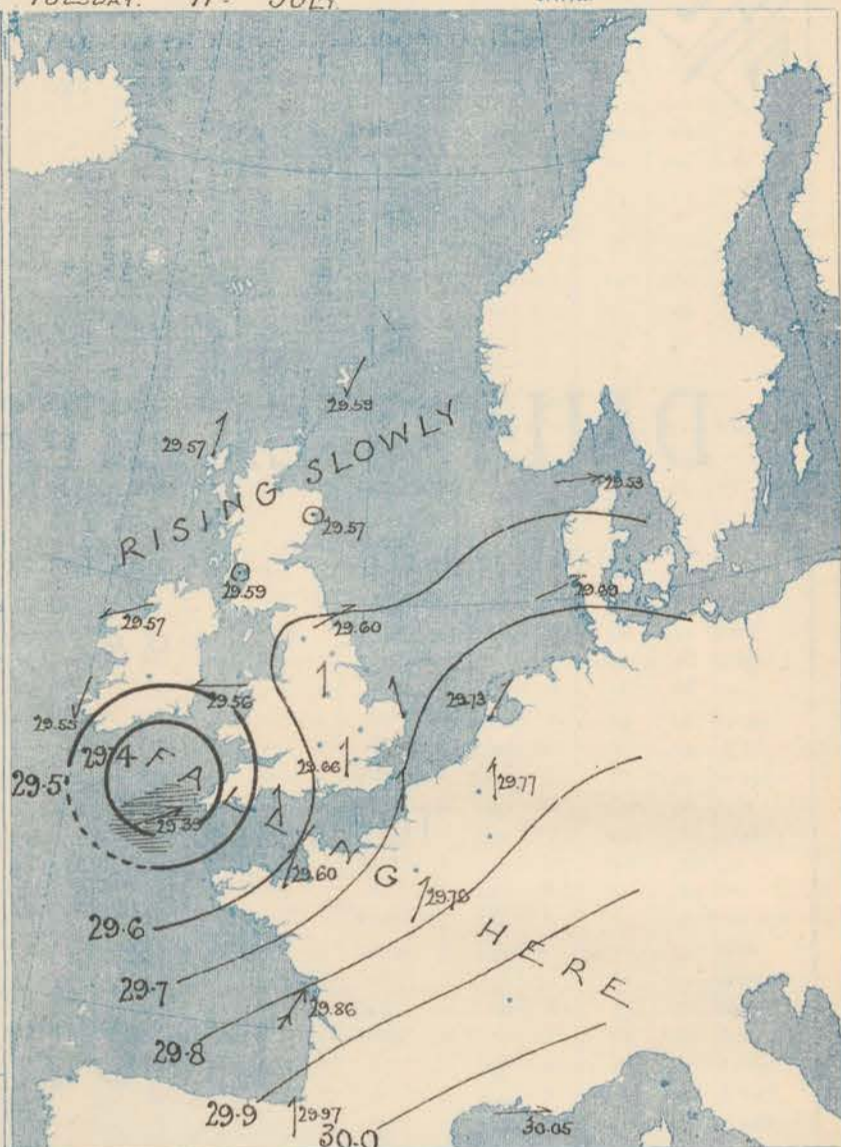
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus,
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ○ = dead calm.

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	29.923
Greenecastle	29.917
Holyhead	29.946
Valencia	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
	°	inch
Sumburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.97
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Scully (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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.



METEOROLOGICAL OBSERVATIONS FOR 11TH JULY 1882

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 2).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
† Haparanda	29.81	64	Z	0	B		29.69	-.26	61	57	+ 2	NE	6	C	*		72	46	-
† Hernösand	29.58	60	NE	8	O		29.33	-.43	50	49	- 8	NE	8	r	*		64	54	0.35
† Stockholm	29.02	54	N	9	r		29.19	-.31	53	53	- 5	W	6	r	*		59	54	2.63
† Wisby	29.19	57	NW	8	r		29.38	-.02	59	57	+ 1	W	6	O	*		61	55	2.40
† Bodö	29.72	68	Z	0	C		29.67	-.09	63	54	- 1	ESE	2	B	1		75	57	-
† Christiansund	29.57	60	W	3	bc		29.54	-.05	56	55	- 5	WSW	3	f	2		64	52	-
† Skudesnaes	29.62	58	W	2	O		29.61	-.01	58	57	+ 1	W	2	C	3		63	57	-
† Oxo (Xelansund)	29.56	62	WSW	4	bc		29.49	-.12	63	58	0	W	2	m	1		68	55	-
Skagen (The Skaw)	29.55	58	W	6	C		29.53	-.04	61	58	0	W	5	C	3		66	57	-
Faro	29.69	58	W	4	C		29.69	+ .06	63	57	- 1	WSW	4	C	*		66	55	-
† Nexhaven	29.78	?	W	2	r		29.77	+ .09	60	59	- 1	WSW	3	C	*		63	52	0.64
† Sumburgh Head	29.56	50	W	2	C		29.59	+ .08	55	53	0	NE	2	C	2		60	49	-
† Stornoway	29.53	61	SSW	*	B		29.57	+ .09	58	56	+ 1	SSW	3	B	3		62	52	-
Wick	29.56	63	S	1	bc		29.59	+ .07	59	58	+ 2	SE	1	bc	1		62	50	-
Narvik	29.56	57	Z	0	r		29.58	+ .07	58	54	- 1	W	1	B	1		68	46	0.24
† Aberdeen	29.55	60	SSW	1	C		29.57	+ .04	63	57	+ 1	Z	0	B	2		64	47	0.11
Leith	29.58	61	SSW	1	C		29.59	+ .04	59	55	+ 3	N	1	B	0		64	45	0.12
† Shields	29.62	61	ESE	1	O		29.60	+ .01	60	55	0	WSW	2	C	2		65	47	0.55
Spurn Head	29.66	59	ESE	3	bc		29.63	0	60	57	+ 1	SSE	1	bc	2		67	53	0.07
York	29.66	60	WSW	1	C		29.63	+ .01	57	53	- 1	S	1	bc	*		68	48	-
Loughborough	29.69	63	SW	2	bc		29.63	-.05	58	55	+ 1	SE	2	om	*		67	48	0.04
† Ardrossan	29.59	58	SSW	4	r		29.59	+ .03	62	56	+ 5	Z	0	bc	0		63	50	0.01
† Mullaghmore	29.58	59	W	2	O		29.57	+ .05	58	55	+ 3	ESE	2	om	2		63	54	0.04
Dunaghadec	29.61	55	S	1	r		29.59	+ .01	57	56	+ 1	NE	4	m	2		64	51	0.11
Parsonstown	29.62	62	WSW	1	C		29.54	-.05	55	53	- 1	NNW	1	O	*		65	52	0.13
Barrow-in-Furness	29.65	60	SSW	4	bc		29.61	+ .03	55	53	- 2	ESE	4	O	4		62	53	-
† Holyhead	29.66	58	SW	5	C		29.56	-.07	58	55	+ 1	E	3	og	3		61	54	-
Liverpool (Bidston)	29.66	64	W	2	B		29.59	-.04	58	55	0	ESE	2	bc	1		64	50	-
† Valencia	29.64	58	SSW	3	O		29.55	-.09	54	53	- 4	NNE	3	ng	3		63	50	0.16
Roche's Point	29.66	58	SW	3	O		29.40	-.24	52	52	- 5	NE	5	r	4		63	50	0.82
Pembroke	29.70	58	WSW	3	bc		29.42	-.24	54	54	- 3	ESE	4	dm	3		59	51	0.12
† Scilly	29.74	60	SSW	4	O		29.39	-.33	61	60	+ 3	WSW	6	C	5		63	54	0.49
Frawle Point	29.80	58	SW	4	bc		29.50	-.25	57	57	+ 1	S	3	f	4		61	51	0.24
Hurst Castle	29.80	61	W	6	B		29.57	-.19	57	57	0	S	3	m	3		63	56	0.25
† Dover	29.80	59	WSW	5	B		29.67	-.09	58	56	+ 1	SSE	2	bc	2		61	56	0.08
† London	29.80	61	WSW	2	cp		29.66	-.08	55	55	- 3	S	2	r	*		68	52	0.10
Oxford	29.75	57	S	2	B		29.62	-.11	54	54	- 3	SE	1	od	*		63	52	0.26
Cambridge	29.74	56	SW	1	bc		29.65	-.07	59	56	+ 1	S	1	O	*		69	47	0.02
† Yarmouth	29.73	58	SSE	1	B		29.69	-.01	60	57	0	SSE	1	cv	2		65	51	0.45
The Helder	29.77	61	SW	3	bc		29.73	+ .01	61	56	0	SW	3	bc	2		64	59	-
Cape Gris Nez	29.86	59	WSW	7	B		29.70	-.12	56	55	0	S	3	O	1		62	57	-
† Jersey	29.87	58	SW	3	C		29.60	-.24	61	60	+ 4	SSW	4	og	4		61	53	0.65
Brest	29.88	59	SW	4	O		?	?	58	?	0	?	5	r	4		61	55	0.75
Lorient																			
† Rochefort	29.94	62	SW	5	f		29.86	-.07	62	63	+ 3	SW	8	r	4		68	55	0.16
Biarritz	30.05	68	N	4	bc		29.97	-.04	68	62	+ 7	S	3	C	2		77	54	-
Corunna	*	*	*	*	*		29.85	0	68	66	+ 3	SW	7	bc	4		73	63	-
Brussels	*	*	*	*	*		29.77	-.05	58	58	0	S	3	O	*		66	55	0.12
Charleville	29.76	61	NNW	1	bc		29.58	+ .03	56	52	- 2	SSW	5	O	*		68	51	0.16
Paris	29.87	67	WSW	3	B		29.76	-.15	60	59	+ 1	SSW	4	r	*		*	*	0.16
† Lyons	30.00	66	NNW	3	bc		30.02	-.02	60	56	+ 5	SSE	3	O	*		70	57	-
Toulon	30.01	68	WSW	7	B		30.05	+ .04	66	60	+ 4	W	4	B	3		72	61	-
Hawes Junction	28.44	56	W	3	C		28.40	0	55	51	+ 3	S	1	B	*		59	48	0.20

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	29.63	63	58	W	2	bc	4	Valencia	29.68	63	WSW	3	a	4
Sumburgh Head	29.54	58	56	SE	3	m	3	Scilly	29.77	63	WSW	5	c	5
Stornoway	29.51	62	55	SSW	5	b	4	Dover	29.79	61	WSW	5	bp	4
Aberdeen	29.56	60	58	S	2	o	2	London	29.75	65	WSW	3	o	*
Shields	29.60	57	55	NNW	1	c	2	Yarmouth	29.71	65	WSW	4	bcp	2
Ardrossan	29.58	62	57	SSW	2	bc	1	Jersey	29.88	58	SW	3	o	3
Mullaghmore	29.57	60	56	NNW	3	cv	2	Rochefort	29.95	65	SW	4	o	2
Holyhead	29.66	60	56	SW	5	b	4							

There has been no change of importance since the morning.

EXPLANATION OF COLUMNS.

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

4 Received too late for insertion in Chart



DAILY WEATHER REPORT

F O R

WEDNESDAY, 12TH JULY

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

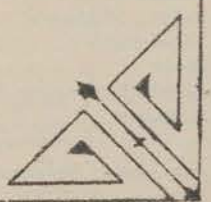
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on WEDNESDAY 12TH JULY. 1882.

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.

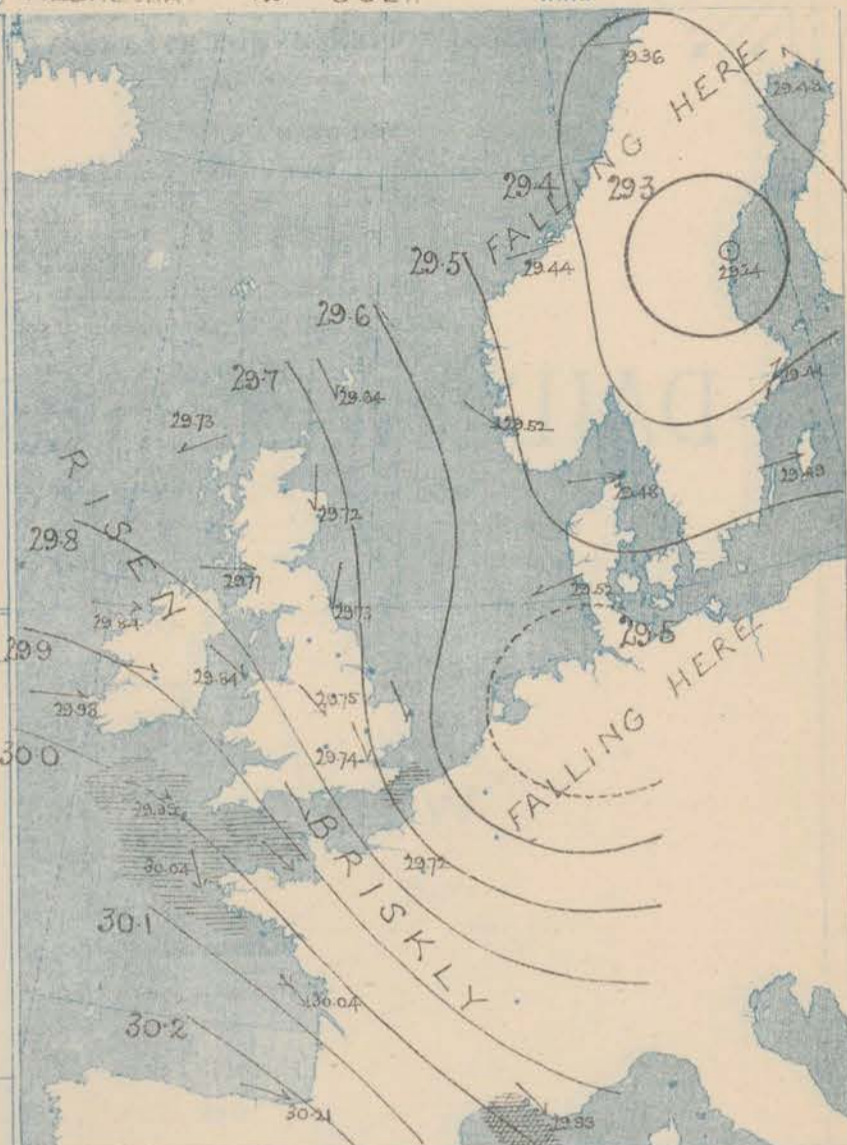
Sea Disturbance; where considerable, is shown by shading round the coast: thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings.
	In.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

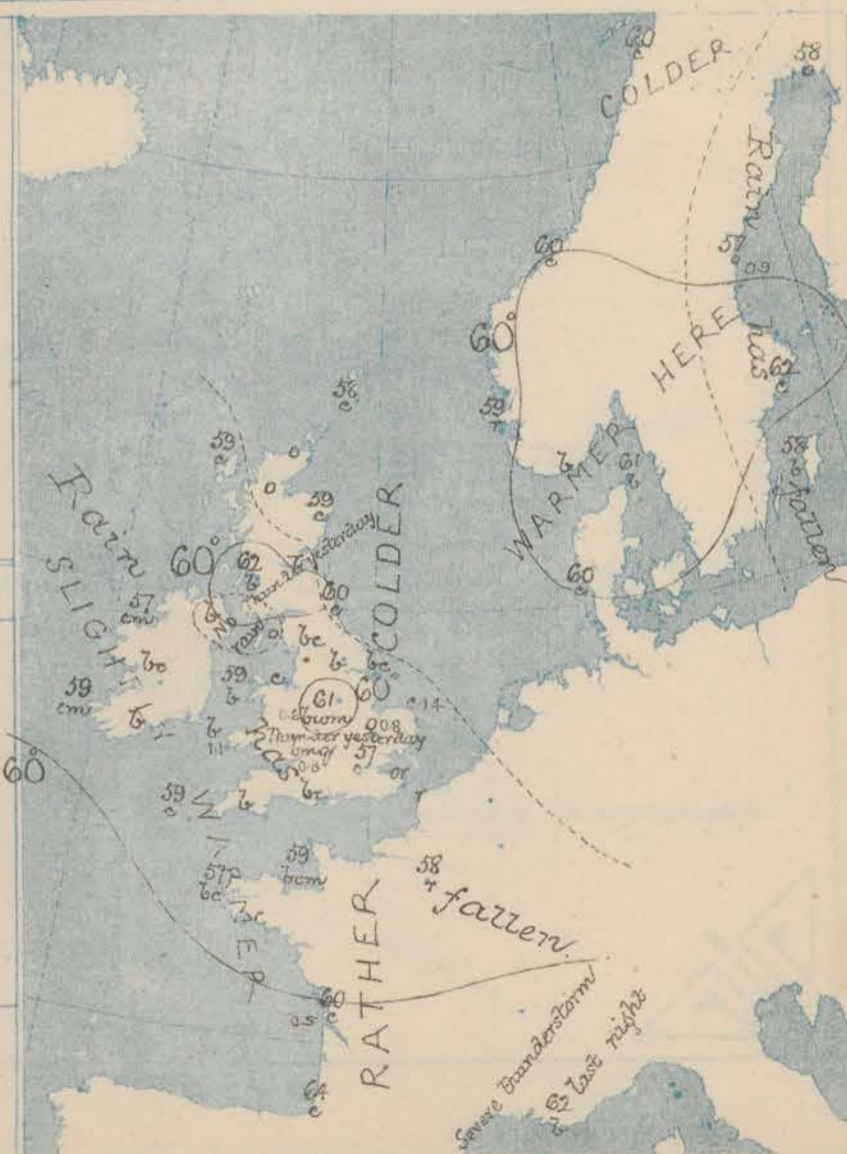
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.54
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 WEDNESDAY---12TH JULY---1882---at 8 a.m.

The small depression which lay over the St. Georges Channel yesterday morning passed across the south of England in the course of the day and is now found over North Germany. In its rear the barometer has risen at all the British stations, and the wind has veered to the NW^{by} or N^{by}, but at Valencia the rise seems to have slackened somewhat in the night, and the wind has returned to W. The weather continues dull and rainy in the Est and N^{orth} parts of France, but has improved considerably in our Islands, and at many stations the sky is quite clear. Some heavy falls of rain were registered over central and southern England yesterday, the largest being 0.8 in. at Oxford and Cambridge, 1.1 in. at Pembroke and 1.4 ins. at Yarmouth. At Loughboro' and Oxford thunderstorms occurred. Temperature has fallen a little along our E. coast, risen elsewhere, and readings now range from 61° at Loughboro' to 55° at Wick. The maxima yesterday were again very low for the time of year; in London the thermometer did not exceed 65°. The sea is rough in the Channel, slight elsewhere.

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Light N ^W or variable airs; fair on the whole.	6 SCOTLAND WEST	NW ^{by} breezes, falling light and backing; fair to cloudy.
2 SCOTLAND EAST	D°-----D°-----D°-----	7 ENGLAND N.W.	D°-----D°-----D°-----
3 ENGLAND N.E.	N ^W breezes, light, subsequently backing; fair to cloudy and unsettled.	8 ENGLAND S.W.	W ^{by} to SW ^{by} breezes, moderate and fresh; cloudy, some rain.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	Same as N°s 6 and 7.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	SW ^{by} to W ^{by} or NW ^{by} breezes, moderate; cloudy and rainy to fair.
6 ENGLAND SOUTH	NW ^{by} to W ^{by} and SW ^{by} breezes, moderate; fair to cloudy and unsettled.	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

18th JULY

1882

STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										LAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	29.43	54	ZE	4	A	29.48	-.05	58	57	-.01	ZE	4	C	*	64	50	0.20	
Hernösand	29.49	54	Z	6	A	29.24	-.09	57	56	-.01	Z	0	C	*	63	50	0.87	
Stockholm	29.42	55	Z	2	O	29.41	-.01	62	58	-.04	SW	4	C	*	?	52	0.08	
Wisby	29.49	59	W	4	O	29.49	-.01	58	55	-.03	W	4	C	*	61	54	0.04	
Bodo	29.49	56	Z	0	B	29.36	-.13	60	53	-.07	E	2	C	*	72	54	-	
Christiansund	29.50	58	Z	3	O	29.44	-.06	60	57	-.03	WSW	4	C	2	61	54	-	
† Skudesnaes	29.57	58	NNW	3	O	29.52	-.05	59	57	-.02	NW	6	A	4	63	?	-	
Oxö (Xusenund)	29.50	60	WSW	4	B	29.45	-.05	63	60	-.03	WSW	2	B	2	64	54	-	
Skagen (The Skaw)	29.52	58	WSW	5	B	29.48	-.04	61	57	-.04	Z	5	B	3	64	55	-	
Fano	29.60	54	Z	0	B	29.82	-.22	60	57	-.03	ENE	2	C	*	66	52	-	
Cuxhaven																		
† Sumburgh Head	29.60	57	NNW	2	C	29.64	+.04	58	54	-.04	NW	2	C	2	61	49	-	
† Stornoway	29.63	58	NNW	1	A	29.73	+.10	59	56	-.03	ENE	1	C	1	62	53	0.09	
Wick	29.62	58	E	2	Bo	29.74	+.12	55	53	-.02	Z	2	O	2	63	51	-	
Nairn	29.60	60	Z	0	Bo	29.72	+.12	56	52	-.04	Z	0	O	1	65	54	-	
† Aberdeen	29.58	61	SSE	1	B	29.72	+.14	59	54	-.05	Z	1	C	2	68	52	-	
Leith	29.56	63	E	1	C	29.74	+.18	56	64	+.08	SSW	1	A	*	66	51	0.05	
† Shields	29.55	58	E	3	C	29.73	+.18	60	55	-.05	Z	2	C	2	62	48	-	
Spurn Head	29.49	57	E	4	C	29.68	+.19	59	51	-.08	NNW	5	Bo	3	62	54	-	
York	29.52	62	E	2	O	29.74	+.22	59	55	-.04	NNW	2	B	*	67	52	-	
Loughborough	29.46	56	E	2	A	29.75	+.29	61	56	-.05	NW	3	Bo	*	62	52	0.55	
† Ardrossan	29.56	63	NNW	3	O	29.77	+.31	62	58	-.04	W	3	B	2	66	55	-	
† Mullaghmore	29.66	59	NNW	4	O	29.84	+.18	57	55	-.02	NNW	5	cm	5	64	54	0.10	
Donaghadee	29.61	58	NNE	5	C	29.82	+.21	60	57	-.03	NW	4	B	2	62	52	-	
Parsonstown	29.68	57	NNW	1	O	29.91	+.23	53	55	+.02	NNW	2	Bo	1	61	48	0.15	
Barrow-in-Furness	29.52	57	ENE	2	O	29.73	+.21	58	56	-.02	NW	4	O	3	65	55	-	
† Holyhead	29.54	57	N	4	A	29.84	+.30	59	56	-.03	NNW	4	B	3	60	55	0.16	
Liverpool (Midson)	29.49	59	NNE	1	O	29.79	+.30	57	56	-.01	W	4	C	3	61	56	0.06	
† Valencia	29.79	58	NW	5	Bo	29.98	+.19	59	57	-.02	W	3	cm	3	63	51	0.05	
Roche's Point	29.68	56	N	5	C	29.95	+.27	59	54	-.05	NNW	4	B	4	60	51	0.15	
Pembroke	29.45	54	NNW	4	A	29.89	+.44	55	53	-.02	NW	3	B	3	58	53	1.06	
† Scilly	29.57	58	NW	9	O	29.99	+.42	54	57	+.03	NNW	5	C	5	63	55	0.11	
Prawle Point	29.39	56	WSW	3	O	29.90	+.51	59	56	-.03	NNW	4	B	4	60	52	0.19	
Hurst Castle	29.40	60	WSW	3	C	29.81	+.41	60	57	-.03	NW	4	Bo	3	63	52	0.18	
† Dover	29.44	60	SSW	3	C	29.63	+.19	57	56	-.01	N	4	Bo	2	61	56	0.22	
† London	29.42	64	S	3	C	29.74	+.32	57	53	-.04	NNW	2	C	*	65	54	0.32	
Oxford	29.38	58	NE	1	O	29.78	+.40	59	56	-.03	NNW	3	Bo	*	60	53	0.83	
Cambridge	29.48	58	NE	1	A	29.72	+.24	60	57	-.03	N	2	O	*	62	53	0.81	
† Yarmouth	29.49	58	ESE	5	O	29.62	+.13	58	56	-.02	NNW	4	C	4	62	54	1.37	
The Helder																		
Cape Gris Nez	29.45	60	S	3	A	29.61	+.16	58	58	+.00	N	7	A	5	66	55	0.43	
† Jersey	29.44	57	WSW	7	O	29.93	+.49	59	57	-.02	NW	6	Bo	5	64	55	0.28	
Brest	29.63	57	NNW	9	A	30.04	+.41	57	55	-.02	NNW	5	Bo	5	61	55	0.04	
Lorient	29.61	?	NNW	9	C	29.98	+.37	58	55	-.03	NW	7	C	5	63	54	0.08	
† Rochefort	29.80	64	W	9	C	30.04	+.24	60	57	-.03	NW	8	O	4	68	55	0.51	
Biarritz	29.98	68	W	7	A	30.21	+.23	64	61	-.03	NNW	5	C	3	84	57	0.12	
Corunna	*	*	*	*	*			*	*				*	*	*	*	*	
Brussels	*	*	*	*	*			*	*				*	*	*	*	*	
Charleville	*	*	*	*	*			*	*				*	*	*	*	*	
Paris	29.59	68	SW	8	O	29.72	+.13	58	55	-.03	SSW	5	A	*	*	*	0.28	
Lyons																		
Toulon						29.93	-.02	62	57	-.05	NW	7	B	7	82	59	0.32	

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

Hawes Junction	28.32	58	ENE	1	O	28.64	-.32	55	52	-.03	N	1	Bo	*	62	47	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.			
Skudesnaes ...	29.60	63	58	W	3	0	Valencia ...	29.69	62	59	NNW	5	bcg	6		
Sumburgh Head	29.63	59	55	WSW	2	bc	Scilly ...	29.35	60	58	W	5	opf	5		
Stornoway ...	29.60	62	57	N	1	c	Dover ..	29.52	60	59	S	2	ep	2		
Aberdeen ...	29.57	64	57	ESE	1	b	London ...	29.43	61	60	ESE	2	0.2	*		
Shields ...	29.56	59	56	SE	3	c	Yarmouth ...	29.59	58	57	ESE	4	n	3		
Ardrossan ...	29.57	61	56	SW	1	o	Jersey...	29.52	63	62	W	3	B	3		
Mullaghmore ..	29.59	59	55	N	5	ogp	Rochefort	29.84	64	63	SW	8	n	4		
Holyhead...	29.57	59	55	E	4	d	Ben Nevis (4906 ft.)	25.15	39	37	Z	0	c	42	35	0.06
							9 a.m. 11 a.m.									

The depression in the W. is moving slowly to the E. Rainy weather prevails over our SE and S. Midland Counties, with E winds, and except our SE districts the conditions are unsettled.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 13TH JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

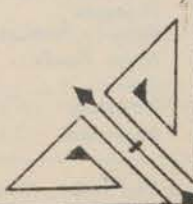
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ROBERT H. SCOTT

(SECRETARY.)



Printed & Published by the Meteorological Office, London.

WEATHER CHARTS

for 8 a.m. on Thursday 13th JUNE.

1882



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.

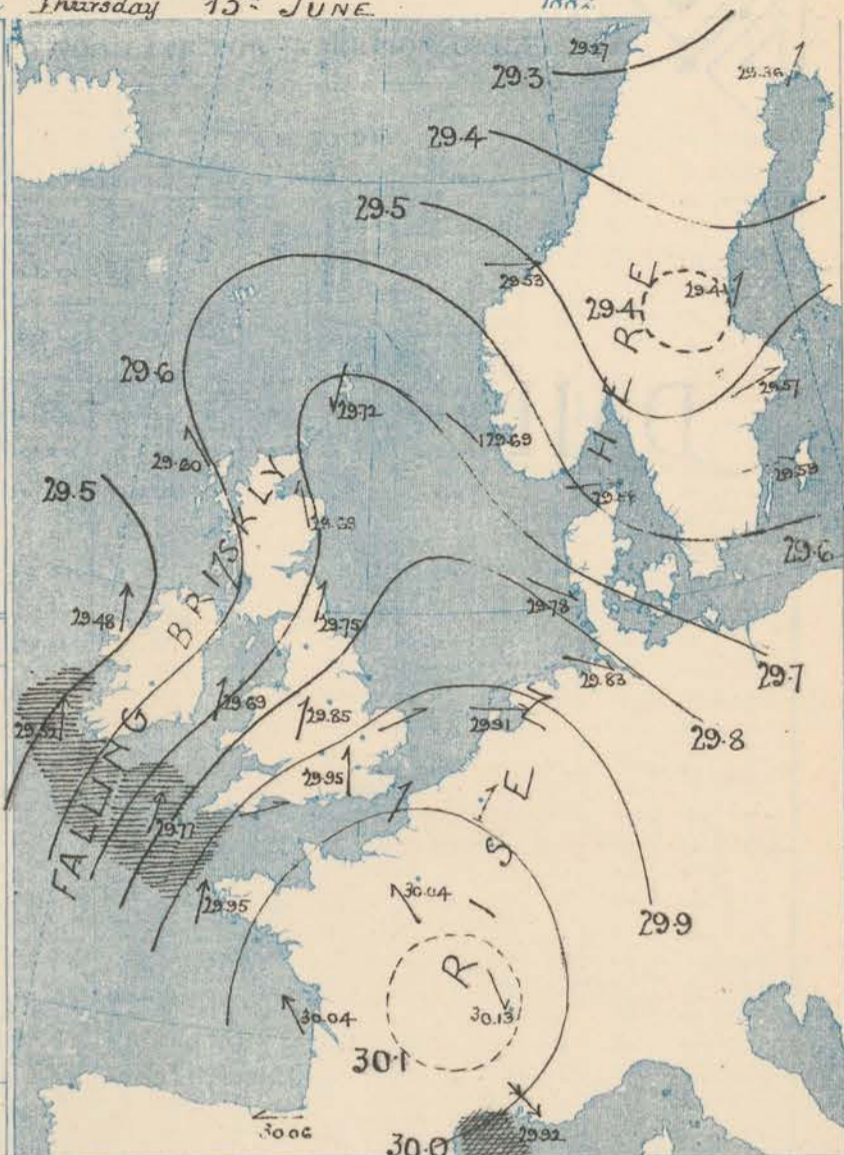
Sea Disturbance; where considerable, is shown by shading round the coast; thus  = Rough;  = High.

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	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

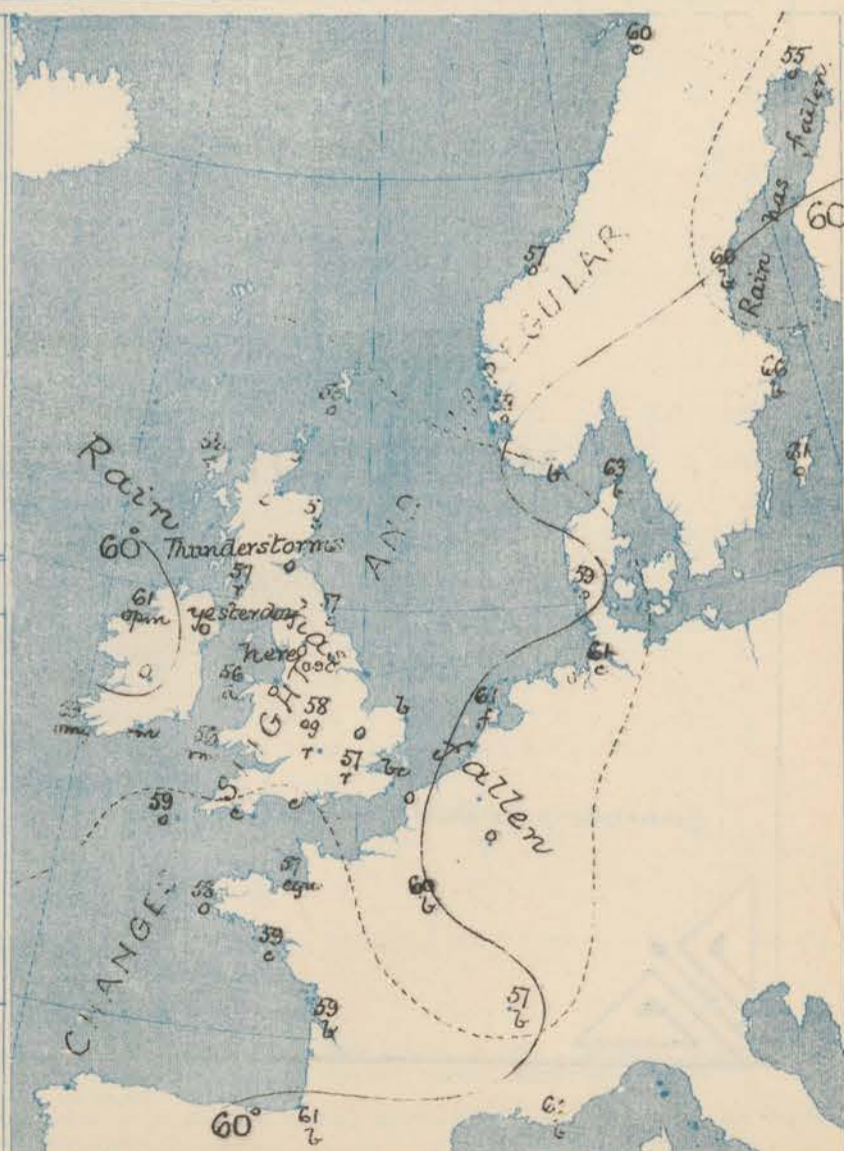
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 Thursday 13th JULY 1882 at 8 a.m.

The recovery of pressure which was in progress over our Islands yesterday has now extended to the Continental stations, but on our W^m Coast a new and very brisk fall has set in and an extensive depression seems to be advancing from the Atlantic. The wind has backed to the S^W generally, and blows strongly on our SW coast, but in the E. it is light or moderate. The weather is fine at some of our SE^m stations, but has become overcast in all other districts with rain in the W. and also over Central England. Thunderstorms were experienced over Scotland and the north of England yesterday, and showers fell in most parts of the Country. Temperature has changed irregularly and ranges from 61° at Farnborough and 60° at Dover to 53° at Lumburgh Head. The highest maxima registered yesterday were 70° at Hurst Castle and London and 73° at York. The sea is rough in the SW. slight or smooth elsewhere.

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE ^{ly} to S ^{ly} winds, moderate and fresh; dull, rainy.	6 SCOTLAND WEST	S ^{ly} and SW ^{ly} winds, moderate; dull and rainy at first, but improving somewhat later.
2 SCOTLAND EAST	S ^{ly} or SW ^{ly} breezes, moderate and fresh; cloudy, showery.	7 ENGLAND N.W.	— D ^o — — — D ^o — — — D ^o — — —
3 ENGLAND N.E.	— D ^o — — — D ^o — — — D ^o — — —	8 ENGLAND S.W.	S ^{ly} and SW ^{ly} winds, fresh or strong cloudy, rainy.
4 ENGLAND EAST	Same as No. 5.	9 IRELAND NORTH	S ^{ly} and SW ^{ly} winds, fresh or strong; dull and rainy at first, improving somewhat later.
5 MIDLAND COUNTIES	Same as No. 5.	10 IRELAND SOUTH	— D ^o — — — D ^o — — — D ^o — — —
6 ENGLAND SOUTH	SW ^{ly} and S ^{ly} winds, moderate; cloudy, occasional rain.	WARNINGS	The S. cone was hoisted last evening in districts Nos 8, 10. and part of 5.

METEOROLOGICAL OBSERVATIONS FOR

13TH JULY

1882

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.	Sun. (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	55	SE	2	h	29.36	+ 12	55	SE	- 3	SW	h	0	*	?	54	0.35		
Hernösand	29.35	55	SW	2	o	29.41	+ 17	60	SE	+ 2	SW	h	0	*	?	50	0.43		
Stockholm	29.50	60	W	2	b	29.57	+ 16	66	SE	+ 4	WSW	h	0	*	72	52	-		
Wisby	29.52	60	S	4	bc	29.54	+ 10	61	SW	+ 3	W	h	0	*	70	55	-		
Bodö	29.34	59	ENE	2	o	29.27	+ 09	60	SE	0	?	h	0	0	70	55	-		
Christiansund	29.48	58	W	6	o	29.53	+ 04	57	SE	- 3	W	h	0	4	?	54	-		
†Skudesnaes	29.60	58	NW	7	c	29.69	+ 17	58	SE	- 1	NW	h	0	3	61	?	-		
Öxö (Xiansund)	29.54	63	WNW	2	bc	29.57	+ 12	64	SW	+ 1	W	h	0	2	64	55	0.08		
Skagen (The Skaw)	29.52	59	SW	2	b	29.58	+ 10	53	SE	+ 2	W	h	0	3	68	54	-		
Fanö	29.69	58	WNW	4	c	29.78	+ 26	59	SE	- 1	WNW	h	0	*	68	58	-		
Cuxhaven	29.60	?	W	5	h	29.83	+ 34	61	SW	+ 2	WNW	h	0	c	63	55	0.70		
†Sumburgh Head	29.70	55	W	2	o	29.72	+ 08	53	SE	- 5	NNE	h	0	0	59	51	-		
†Stornoway	29.78	57	SE	1	c	29.60	+ 13	56	SE	- 3	SE	h	0	3	60	49	0.33		
Wick	29.78	61	NW	2	bc	29.67	+ 07	58	SE	+ 2	ENE	h	0	2	63	48	-		
Nairn	29.78	60	W	1	h	29.64	+ 08	57	SE	+ 1	W	h	0	1	64	47	0.12		
†Aberdeen	29.78	59	S	1	c	29.69	+ 03	57	SE	- 2	ESE	h	0	2	65	48	0.01		
Leith	29.78	61	SSW	1	bc	29.68	+ 06	57	SE	+ 1	SSW	h	0	*	67	52	0.10		
†Shields	29.81	59	SE	1	c	29.75	+ 02	57	SE	- 3	SSW	h	0	2	63	52	0.02		
Spurn Head																			
York	29.85	63	W	3	c	29.81	+ 07	58	SE	- 1	S	h	0	*	73	53	0.37		
Loughborough	29.88	65	WNW	2	c	29.85	+ 10	58	SE	- 3	SSW	h	0	*	69	54	0.02		
†Ardrossan	29.81	64	W	2	c	29.60	+ 17	57	SE	- 5	SE	h	0	3	68	53	0.38		
†Mullaghmore	29.85	59	W	1	o	29.48	+ 36	61	SW	+ 4	S	h	0	4	63	55	0.14		
Donaghadee	29.86	58	S	2	c	29.59	+ 23	57	SW	- 3	SSW	h	0	3	63	53	0.33		
Parsonstown	29.89	61	SSW	1	h	29.53	+ 38	61	SW	+ 3	SSW	h	0	*	65	53	0.17		
Barrow-in-Furness	29.86	61	WSW	3	c	29.74	+ 01	55	SE	- 3	SE	h	0	4	66	54	0.06		
†Holyhead	29.90	59	SW	4	o	29.64	+ 15	56	SE	- 3	SSW	h	0	3	64	54	0.15		
Liverpool (Bidston)	29.88	61	W	3	bc	29.74	+ 05	56	SE	- 1	SE	h	0	2	64	53	0.03		
†Valencia	29.84	55	SSE	6	Am	29.52	+ 46	59	S	0	S	h	0	6	61	54	0.53		
Roche's Point	29.85	58	SW	4	o	29.63	+ 32	57	SE	- 2	SSW	h	0	4	62	55	0.26		
Pembroke	29.96	57	W	3	o	29.74	+ 15	58	SE	+ 1	S	h	0	4	60	54	0.32		
†Scilly	30.02	60	SW	4	o	29.77	+ 22	59	SE	0	SSW	h	0	6	63	56	-		
Prawle Point	30.04	57	WSW	4	c	29.90	+ 00	56	SE	- 3	S	h	0	5	64	54	-		
Hurst Castle	29.97	60	W	3	bc	29.94	+ 13	59	SW	- 1	WSW	h	0	3	70	57	-		
†Dover	29.92	64	WNW	2	bc	29.96	+ 33	60	SW	+ 3	WSW	h	0	2	68	56	0.10		
†London	29.91	67	W	2	bc	29.95	+ 21	57	SE	0	SSW	h	0	*	70	54	0.01		
Oxford	29.96	61	WSW	1	c	29.89	+ 11	55	SE	- 4	S	h	0	*	68	55	0.04		
Cambridge	29.74	60	W	1	o	29.90	+ 18	60	SE	0	SW	h	0	*	69	53	0.03		
†Yarmouth	29.88	63	NNE	3	bc	29.90	+ 28	59	SW	+ 1	WSW	h	0	2	65	52	-		
The Helder	29.85	59	WNW	3	c	29.91	+ 49	61	SW	+ 1	W	h	0	2	63	57	-		
Cape Gris Nez	29.96	61	SW	5	h	29.98	+ 37	58	SW	0	SW	h	0	2	68	55	-		
†Jersey	30.09	60	W	5	bc	30.00	+ 07	57	SW	- 2	SW	h	0	3	62	54	-		
Brest	30.13	61	W	4	bc	29.95	+ 09	58	SW	+ 1	SSW	h	0	4	63	55	-		
†Rochefort	30.09	60	NW	7	b	29.95	+ 03	59	SW	+ 1	SW	h	0	2	61	54	-		
†Rochefort	30.12	63	NW	7	bc	30.04	+ 00	59	SE	- 1	SE	h	0	2	66	52	-		
Biarritz	30.25	64	W	4	b	30.06	+ 15	61	SE	- 3	E	h	0	2	73	50	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Charleville	29.86	58	WNW	8	b	30.01	+ 49	57	W	+ 1	W	h	0	*	66	50	0.16		
Paris	30.01	66	SW	5	b	30.04	+ 32	60	SE	+ 2	SE	h	0	*	*	*	0.04		
Lyons	30.12	59	WNW	1	o	30.13	+ 14	57	SW	0	WNW	h	0	*	64	50	0.04		
Toulon	29.90	70	NW	9	b	29.92	+ 01	62	SW	0	NW	h	0	7	72	57	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.65	56	W	2	bc	28.55	+ 01	51	SW	- 4	SSW	h	0	*	64	49	0.88		

HIGH LEVEL STATION.

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

Hawes Junction	28.65	56	W	2	bc	28.55	+01	51	SW	2	SW	h	64	49	0.88			
----------------	-------	----	---	---	----	-------	-----	----	----	---	----	---	----	----	------	--	--	--

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sun.		Bar.	Dry.	Wet.	Wind.	Wet.	Sun.	
Skudesnaes ...	29.56	61	57	WNW	8	0	4	Valencia ...	29.96	61	57	S	3	0.04
Sumburgh Head ...	29.68	56	55	NW	3	0	3	Scilly ...	30.05	62	60	W	4	0
Stornoway ...	29.78	59	57	SSW	1	0	1	Dover ...	29.84	66	58	NNW	3	0
Aberdeen ...	29.78	60	56	S	1	0	2	London ...	29.87	67	60	WNW	3	0
Shields ...	29.79	60	57	ENE	2	0	2	Yarmouth ...	29.79	64	58	NNW	3	0
Ardrossan ...	29.82	66	59	SW	2	0	1	Jersey ...	29.99	61	59	WNW	6	0
Mullaghmore ...	29.89	62	57	W	4	0	3	Rochefort ...	30.09	65	60	NW	7	0
Holyhead ...	29.92	63	58	SW	4	0	3	Ben Nevis (4406 ft.) Gale on 12th.	25.30	41	40	NW	1	0

In the course of the past few hours the barometer has begun to fall again slightly on our NW^W coast accompanied by a backing wind, a rise of temperature, and an increase of cloud. The sea is inclined to rise at Valencia.

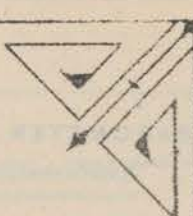
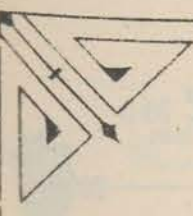
EXPLANATION OF COLUMNS.

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

FRIDAY, 14TH JULY.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

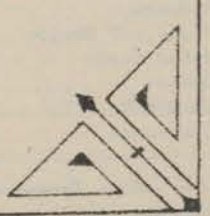
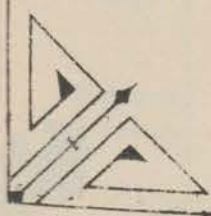
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on FRIDAY 14TH JULY

1882.

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;

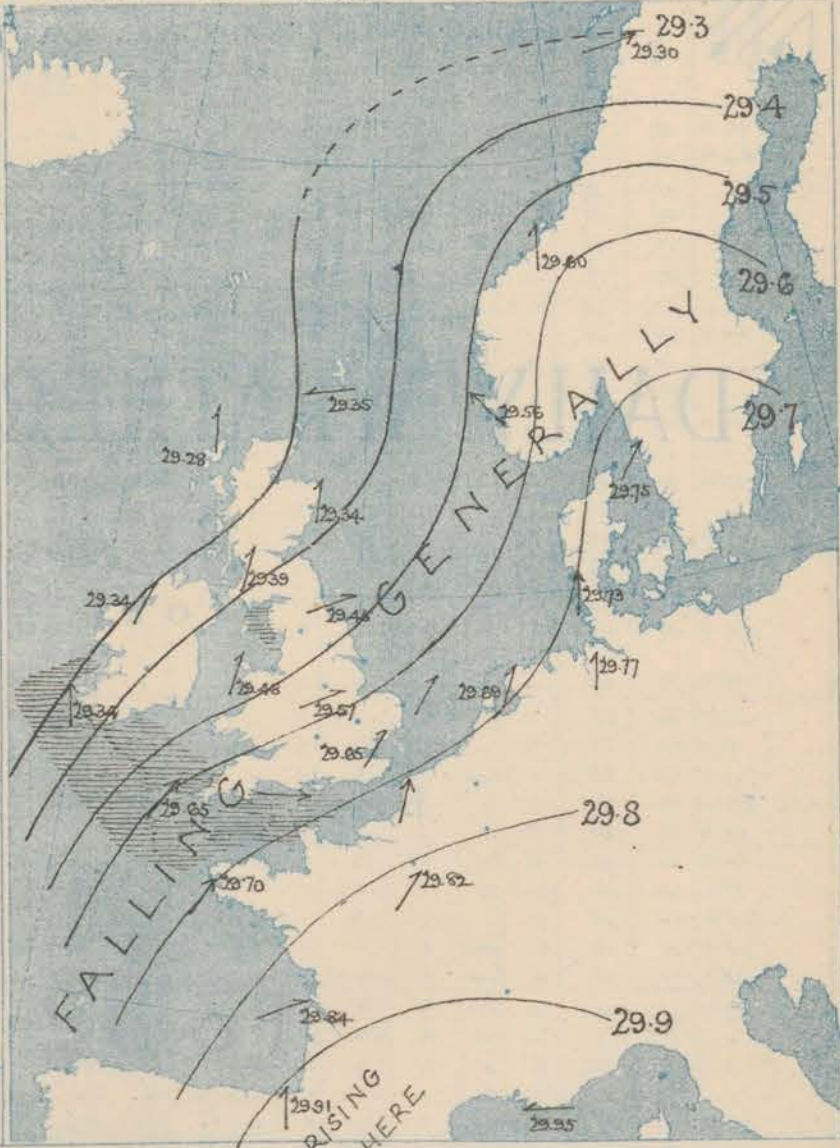
© = dead calm.

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	29.944
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

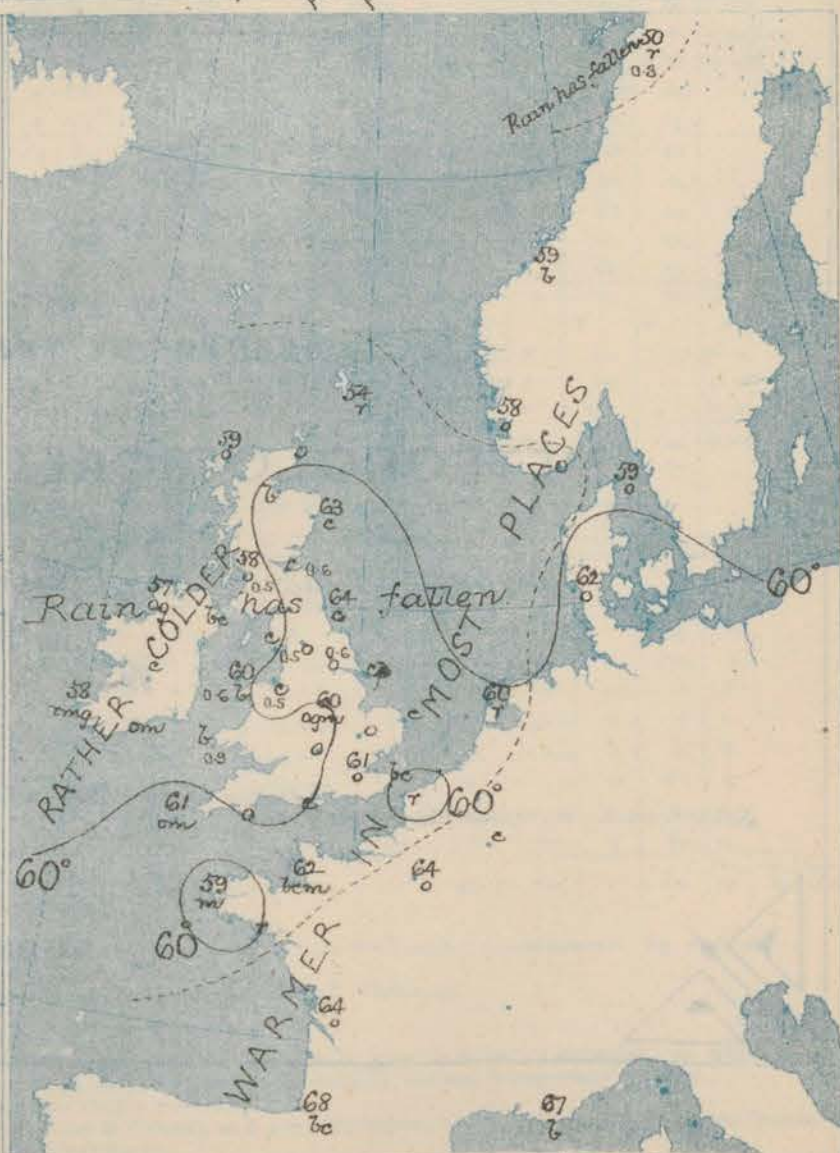
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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
	°	inch.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	62.3	2.40
Hurst Castle	62.8	?
Dover	62.7	2.03
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 FRIDAY 14TH JULY 1882 at 8 a.m.

Barometric pressure though lower at almost all stations than it was yesterday, remains highest over France, Germany and Denmark, and lowest off our north-west Coast. Shallow subsidiary disturbances are passing in a NE^{ly} direction over our Islands, but the gradients are not steep. SW^{ly} breezes, fresh to moderate in force continue to blow over the United Kingdom, accompanied in most places by cloudy weather and occasional showers. Temperature shows some tendency to rise but is still low for the season. The sea is rather rough in the Channel and off our western coasts, moderate in the north, smooth in the north-east and east.

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	SW ^{ly} breezes, fresh; showery.
2	SCOTLAND EAST	SW ^{ly} breezes, moderate; some showers but fair on the whole.
3	ENGLAND NE	Same as No 5
4	ENGLAND EAST	Same as No 5
5	MIDLAND COUNTIES	Same as No 1 and 2
6	ENGLAND SOUTH	SW ^{ly} breezes, moderate; some slight showers, but fair generally.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	SW ^{ly} breezes, fresh; changeable, showery.
7	ENGLAND N.W.	-----D-----D-----D-----
8	ENGLAND S.W.	SW ^{ly} breezes, fresh; some showers.
9	IRELAND NORTH	S ^{ly} and SW ^{ly} breezes, fresh; showery.
10	IRELAND SOUTH	-----D-----D-----D-----
WARNINGS		The signals hoisted in districts 10, 8 and part of 5 on Wednesday have been lowered this morning.

METEOROLOGICAL OBSERVATIONS FOR

14th JULY

1882

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY						PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Wind.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount Rainfall.	
			Dir.	Force (0 to 12).			Dry.	Wet.					Max.	Min.		
Flaparna																
Hernösand																
Stockholm																
Wisby																
Bodo	29.26	57	SW	4	h	29.30	+0.3	50	44	-10	WSW	6	2	61	48	0.79
Christiansund	29.60	57	W	4	c	29.60	+0.7	59	53	+2	S	1	6	59	?	-
Skudesnaes	29.69	57	WSW	2	c	29.56	-1.3	58	55	0	SE	6	0	64	57	-
Oslo (Narvik)	29.67	58	SW	6	b	29.66	+0.9	60	58	-4	SSW	4	0	64	55	0.04
Skagen (The Skaw)	29.71	58	WSW	6	b	29.75	+1.4	59	57	-4	SW	4	0	66	52	-
Faro	29.81	60	SSW	4	o	29.73	-0.5	62	60	+3	S	6	0	64	57	-
Cuxhaven	29.87	?	SSW	2	o	29.77	-0.6	61	60	0	S	2	c	64	57	0.04
Sumburgh Head	29.60	55	SE	3	o	29.35	-3.7	54	54	+1	E	4	h	58	52	0.21
Stornoway	29.37	59	SE	4	h	29.28	-3.2	59	58	+3	S	4	o	59	54	0.37
Wick	29.45	56	SE	4	o	29.30	-3.7	58	57	0	NNE	1	o	59	51	0.09
Nairn	29.40	61	Z	0	o	29.30	-3.4	61	55	+4	SW	2	6	63	56	0.18
Aberdeen	29.51	56	SE	5	dgy	29.34	-3.5	63	59	+6	SSW	1	c	63	53	0.15
Leith	29.44	59	SSW	1	h	29.38	-3.0	61	57	+4	SW	1	c	68	52	0.59
Shields	29.57	57	SW	4	o	29.45	-3.0	64	58	+7	WSW	4	c	64	54	0.33
Spinn Head	29.65	61	SSW	6	c	29.59	-2.7	60	58	+2	SSW	4	cp	63	56	0.01
York	29.63	58	S	3	h	29.52	-2.9	60	57	+3	SW	2	o	60	55	0.12
Loughborough	29.66	60	SSW	5	o	29.57	-2.8	60	57	+3	WSW	3	agn	62	57	0.02
Ardrossan	29.42	58	S	4	h	29.39	-2.1	58	57	+1	SSW	3	o	58	55	0.53
Mullaghmore	29.33	63	NW	1	c	29.34	-1.4	57	55	-4	SSW	4	og	66	56	0.30
Dunghaden	29.39	56	SSW	6	h	29.41	-1.8	61	59	+4	WSW	5	bc	61	54	0.35
Portonstown	29.41	59	SW	1	c	29.41	-1.2	59	55	-2	SW	1	c	65	52	0.44
Barrow-in-Furness	29.39	57	SE	6	h	29.44	-3.0	59	56	+4	SW	5	c	59	54	0.52
Holyhead	29.41	58	SSW	5	h	29.48	-2.1	60	58	+2	SSW	4	b	60	55	0.64
Liverpool (Blisdon)	29.51	57	SE	5	o	29.47	-2.7	61	58	+3	SW	3	c	61	55	0.45
Valencia	29.42	60	SW	5	om	29.42	-1.8	58	58	-1	S	5	ang	62	54	0.29
Roche's Point	29.53	60	WSW	4	bc	29.42	-2.1	57	56	0	SW	4	om	62	56	0.20
Pembroke	29.53	58	SW	5	c	29.52	-2.2	58	57	+1	SSW	4	6	58	56	0.90
Scilly	29.62	60	SW	6	o	29.65	-1.2	61	60	+2	SW	5	om	61	56	0.09
Prawle Point	29.69	57	S	7	o	29.64	-2.6	57	57	+1	S	4	o	59	55	0.03
Hurst Castle	29.76	62	WSW	5	c	29.67	-2.7	60	60	+1	W	5	c	66	58	0.04
Dover	29.79	61	SW	2	b	29.68	-2.8	60	59	0	WSW	4	bc	63	58	0.05
London	29.76	64	SSW	3	c	29.65	-3.0	61	59	+4	SW	2	o	65	57	0.02
Oxford	29.69	58	SSW	3	o	29.62	-2.7	60	59	+5	SW	2	o	62	54	0.15
Cambridge	29.75	60	S	2	o	29.62	-2.8	60	58	0	SW	2	o	65	56	-
Yarmouth	29.76	61	SSW	4	c	29.63	-2.7	62	59	+3	SW	3	c	64	57	-
The Helder	29.85	59	WSW	1	h	29.69	-2.2	60	57	-1	SSW	3	h	64	59	0.08
Cape Gris Nez	29.80	64	SSW	3	c	29.71	-2.7	59	58	+1	SW	7	h	68	57	0.04
Jersey	29.82	62	S	3	og	29.73	-2.7	62	61	+5	SSW	3	bc	65	56	0.01
Brest	29.78	59	S	7	h	29.70	-2.5	59	59	+1	SW	5	m	?	57	0.04
Lorient	29.84	61	SSW	5	m	29.72	-2.3	60	59	+1	WSW	5	h	64	55	-
Rochefort	29.87	63	NW	4	bc	29.84	-2.0	64	63	+5	WSW	4	c	79	54	-
Biarritz	29.79	74	WSW	5	bc	29.91	-1.5	68	62	+7	S	1	bc	91	59	-
Coranna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	29.75	?	62	59	+3	SSW	3	h	72	?	0.04
Charleville	29.91	63	WSW	1	c	29.78	-2.3	58	58	+1	SW	1	c	72	55	-
Paris	29.88	68	S	4	c	29.82	-2.2	64	61	+4	SW	1	o	*	*	-
Lyons	29.94	71	N	1	b	29.92	-2.1	63	59	+6	SE	1	b	73	53	-
Toulon	29.91	77	SW	1	b	29.95	+0.3	67	62	+5	E	3	6	81	61	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																
Hawes Junction	28.35	53	SSW	2	h	28.28	-2.7	54	53	+3	SW	3	o	55	51	0.58

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudeanaes	29.71	64	58	W	2	C	3	Valencia	29.44	61	59	SW	4	om	5
Sumburgh Head	29.67	56	53	SE	2	O	2	Scilly	29.63	59	59	S	9	h	7
Stornoway	29.46	58	56	E	4	O	3	Dover	29.89	60	57	SW	4	bc	2
Aberdeen	29.60	58	55	SSW	3	og	3	London	29.84	63	58	SSW	4	o	*
Shields	29.64	57	55	SSW	2	h	2	Yarmouth	29.84	63	58	SSW	3	car	3
Ardrossan	29.48	58	58	S	4	O	3	Jersey	29.87	65	60	S	4	c	3
Mullaghmore	29.39	61	60	SSW	3	og	3	Rochefort	29.93	77	69	SW	3	b	2
Holyhead	29.52	57	57	SSW	4	h	3	Ben Nevis (4406ft)	25.11	39	39	SW	7	f	47
								9am. 13m.						37	0.08

The fall of the barometer has ceased at Valencia, but continues steadily elsewhere. The wind is veering somewhat at the British stations, but at Scilly it has backed to S. and blows a strong gale with steady rain.

EXPLANATION OF COLUMNS.

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



DAILY WEATHER REPORT

F O R

SATURDAY, 15TH JULY.

1882

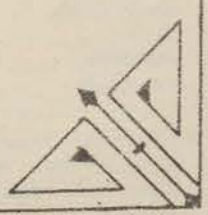

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SATURDAY 15TH JULY.

1882

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.

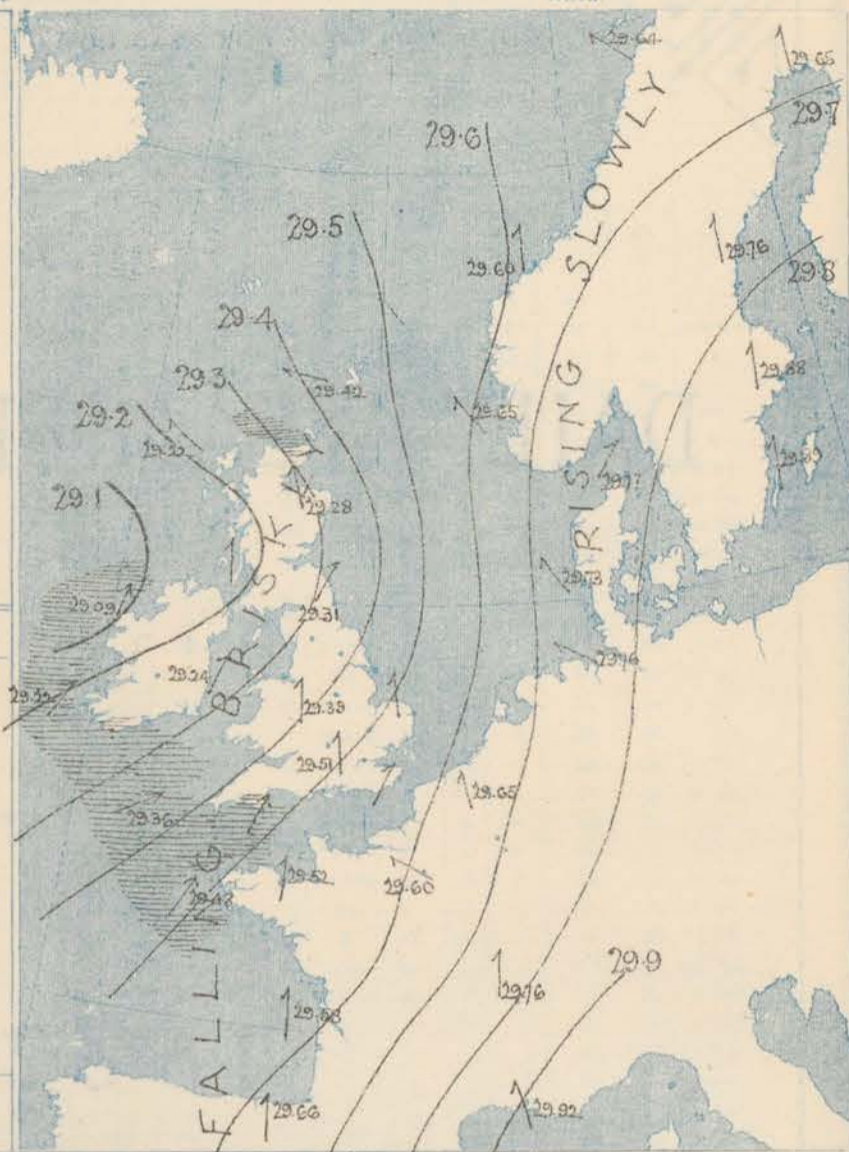
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations	Mean Readings
	Inches
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valencia	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.

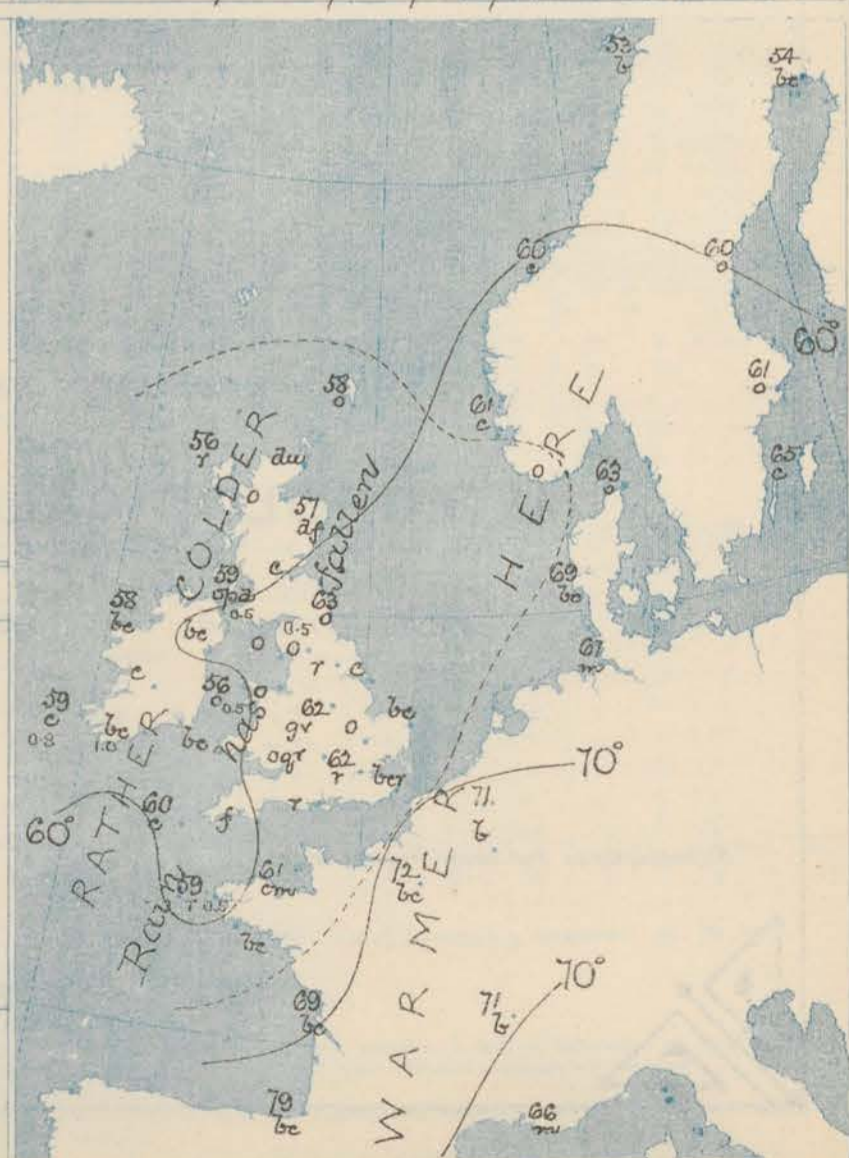
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	inches
Sumburgh Head	53.7	1.23
Sarnoway	55.3	1.30
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsloftown	60.7	2.79
Valencia	61.7	3.88
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 15TH JULY 1882 at 8 a.m.

The general appearance of the weather is unaltered. The barometer is falling in all places and a well defined depression lies off the west coast of Ireland, while subsidiary disturbances continue to pass across England. In addition to this there are signs of the advance of another small depression from the Bay of Biscay. The winds are SW^{ly} or S^{ly} at all but the most northern stations, where they draw into SE. The weather is temporarily fair in the W., but cloudy or overcast elsewhere, with rain over Central and SE England, as well as at some of the Scotch stations. Rain fell in almost all places yesterday, the amount at Rocks Point being very nearly 1 in. Temperature has risen a little over France and the greater part of England, but fallen in the W. districts; readings now range from 65° at Cambridge, to 56° at Holyhead and Stonorway. The thermometer rose to 71° yesterday at many of the British Islands and at Loughboro it reached 72°. The sea is rather rough in the W. and S.

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE ^{ly} winds, moderate and fresh; cloudy, unsettled, some rain.	6 SCOTLAND WEST	S ^{ly} winds, moderate; dull, some rain.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	Wind generally SW ^{ly} , moderate and fresh; cloudy, rain at times
3 ENGLAND N.E.	S ^{ly} winds, moderate; dull, rainy.	8 ENGLAND S.W.	-----D°-----D°-----D°-----
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	SW ^{ly} and S ^{ly} breezes, moderate or fresh; showery.
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	Wind generally S ^{ly} , moderate or fresh; unsettled, rainy.	WARNINGS	NONE ISSUED.

METEOROLOGICAL OBSERVATIONS FOR

15th JULY

1882

+ 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	29.63	53	SW	2	b	29.68	-	54	50	-	b	2	bc	*	59	52	-						
Hernösand	29.66	55	SSW	2	b	29.76	+ .11	60	57	-	b	2	c	*	62	48	-						
Stockholm	29.85	60	SW	2	c	29.88	+ .10	61	48	0	b	2	c	*	70	55	-						
Wisby	29.86	61	SSW	4	bc	29.89	+ .08	65	58	+ .4	b	4	c	*	70	57	-						
Bodö	29.86	57	NE	4	b	29.64	+ .34	53	50	+ .3	SSW	2	b	0	45	45	0.43						
Christiansund	29.84	57	NE	4	b	29.60	0.0	60	56	+ .1	b	1	c	2	61	54	-						
†Skudesnaes	29.59	60	S	6	0	29.65	+ .09	61	58	+ .2	SE	4	c	4	61	57	-						
Oxö (Xiänsund)	29.63	59	SSW	4	0	29.72	+ .06	63	61	+ .2	S	2	0	3	?	57	0.35						
Skagen (The Skaw)	29.72	60	SSW	3	h	29.77	+ .02	63	61	+ .2	SW	2	0	7	64	55	0.39						
Fanö	29.74	61	WSW	2	c	29.73	0.0	69	65	+ .4	SSW	4	bc	*	55	55	0.12						
Cuxhaven	29.73	?	SSW	2	c	29.76	- .01	67	64	+ .6	SSW	3	m	*	70	55	-						
†Sumburgh Head	29.39	56	E	3	0	29.42	+ .07	58	57	+ .4	SSW	3	0	3	59	53	0.05						
†Stornoway	29.36	62	S	3	bc	29.22	- .06	56	?	- .3	SE	4	h	4	64	55	0.09						
Wick	29.40	60	SW	1	b	29.28	- .02	57	57	- .1	SE	6	da	5	65	52	0.22						
Nairn	29.38	67	Zs	0	bc	29.22	- .08	52	52	- .1	SSW	1	0	1	70	56	0.09						
†Aberdeen	29.41	64	SSW	2	b	29.28	- .06	57	57	- .6	SSW	2	df	2	71	52	0.40						
Leith	29.43	65	SW	3	bc	29.21	- .17	60	59	- .1	S	1	c	*	71	55	0.27						
†Shields	29.50	68	WSW	3	0	29.31	- .14	63	60	- .1	SW	4	0	2	70	54	0.22						
Spurn Head	29.56	56	SSW	3	bc	29.42	- .17	63	61	+ .3	S	5	c	3	71	59	0.04						
York	29.53	57	S	2	c	29.37	- .15	63	60	+ .3	S	4	h	*	71	58	0.09						
Loughborough	29.56	66	SSW	4	0	29.39	- .18	62	59	+ .2	S	4	og	*	72	59	0.12						
†Ardrossan	29.43	61	S	3	om	29.18	- .21	59	59	+ .1	S	3	odp	2	63	57	0.47						
†Mullaghmore	29.18	60	SSW	5	h	29.09	- .25	58	54	+ .1	SSW	5	bc	5	64	55	0.11						
Donaghadee	29.38	56	SSW	5	h	29.19	- .22	61	58	0	W	3	bc	1	65	55	0.30						
Parsonstown	29.19	60	SSW	2	0	29.20	- .21	57	54	- .2	SW	1	c	*	61	53	0.25						
Barrow-in-Furness	29.48	62	SE	4	0	29.26	- .18	62	60	+ .3	SSW	6	bc	5	65	58	0.42						
†Holyhead	29.41	61	SSW	3	og	29.24	- .24	56	55	- .4	SW	4	0	4	63	55	0.49						
Liverpool (Bidston)	29.47	63	SE	2	h	29.27	- .20	62	60	+ .1	SE	3	0	2	70	59	0.21						
†Valencia	29.15	58	WSW	4	og	29.22	- .12	59	58	+ .1	SW	4	c	5	61	50	0.76						
Roche's Point	29.20	58	S	7	h	29.23	- .19	58	55	+ .1	SW	5	bc	4	61	51	0.96						
Pembroke	29.39	58	S	5	h	29.29	- .23	57	56	- .1	SW	3	bc	h	60	56	0.32						
†Scilly	29.39	59	S	8	df	29.36	- .29	60	58	- .1	WSW	5	c	6	63	58	0.35						
Prawle Point	29.51	58	SSW	6	h	29.40	- .24	57	57	0	SW	4	f	5	61	56	0.36						
Hurst Castle	29.63	63	SW	5	c	29.47	- .20	60	60	0	SW	7	h	5	66	60	0.27						
†Dover	29.70	63	WSW	1	b	29.57	- .11	63	60	+ .3	SW	2	bc	1	66	60	0.05						
†London	29.66	66	S	4	0	29.51	- .14	62	60	+ .1	S	2	h	*	71	61	0.03						
Oxford	29.58	62	S	2	0	29.42	- .20	62	60	+ .2	SSW	4	og	*	71	59	0.03						
Cambridge	29.63	64	SW	2	0	29.47	- .15	65	61	+ .3	S	2	0	*	71	59	-						
†Yarmouth	29.65	67	SSW	3	bc	29.54	- .09	63	61	+ .1	S	4	bc	3	69	60	0.11						
The Helder																							
Cape Gris Nez																							
†Jersey	29.67	63	SW	3	og	29.52	- .21	61	60	- .1	SSW	4	cm	4	68	60	0.10						
Brest	29.59	60	SSW	5	h	29.48	- .22	59	58	0	SW	5	h	5	61	59	0.47						
Lorient	29.64	64	SSW	5	m	29.49	- .23	62	60	+ .2	SW	5	bc	3	66	57	0.16						
†Rochefort	29.76	72	WSW	3	b	29.58	- .26	69	66	+ .5	S	3	bc	2	81	59	-						
Biarritz	29.71	84	C	4	b	29.66	- .25	79	67	+ .11	S	3	bc	2	93	53	-						
Corunna	*	*	*	*	*			*	*						*	*	*						
Brussels	*	*	*	*	*	29.65	- .10	71	65	+ .9	SSW	1	b	*	72	63	-						
Charleville	29.80	77	W	1	c	29.63	- .15	73	66	+ .15	E	1	b	*	?	64	-						
Paris	29.75	73	SW	3	c	29.60	- .23	72	64	+ .8	SSW	3	bc	*	*	*	-						
Lyons	29.81	79	S	1	b	29.76	- .16	71	61	+ .8	S	1	b	*	84	60	-						
Toulon	29.94	73	SW	1	b	29.92	- .03	66	64	- .1	SE	1	m	1	79	61	-						

HIGH LEVEL STATION.

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

Hawes Junction	28.31	60	S	1	bc	28.12	- .16	58	57	+ .4	SSW	2	0	*	62	54	0.43
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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	29.55	61	58	S	7	0	5	Valencia	29.16	59	59	SSE	6	om	6	
Sumburgh Head	29.36	57	56	E	3	0	4	Scilly	29.46	61	60	S	7	0	6	
Stornoway	29.34	61	59	W	3	h	3	Dover	29.73	65	61	WSW	4	b	4	
Aberdeen	29.38	66	61	S	5	bc	3	London	29.67	70	63	SW	3	bc	*	
Shields	29.48	69	60	SW	4	bc	2	Yarmouth	29.64	67	64	SW	4	0	3	
Ardrossan	29.43	62	59	SSW	3	bc	3	Jersey	29.72	67	64	SSW	3	bc	3	
Mullaghmore	29.32	60	56	SSE	5	omg	4	Rochefort	29.85	74	68	SSW	4	bc	2	
Holyhead	29.50	62	59	SSW	3	0	5	Ben Nevis (4068 ft.)								
								24.96	42	42	SSW	4	?	45	40	0.34

A new depression is now advancing towards the W. of Ireland from the SWth and strong S winds and dull, misty weather are spreading up our Wth coasts, with a rough sea.

EXPLANATION OF COLUMNS.

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



DAILY WEATHER REPORT

FOR

SUNDAY 16TH JULY,

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by T. D. B. at the Victoria Press, London.

WEATHER CHARTS

for 8 a.m. on Sunday 16TH JULY

1882

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.

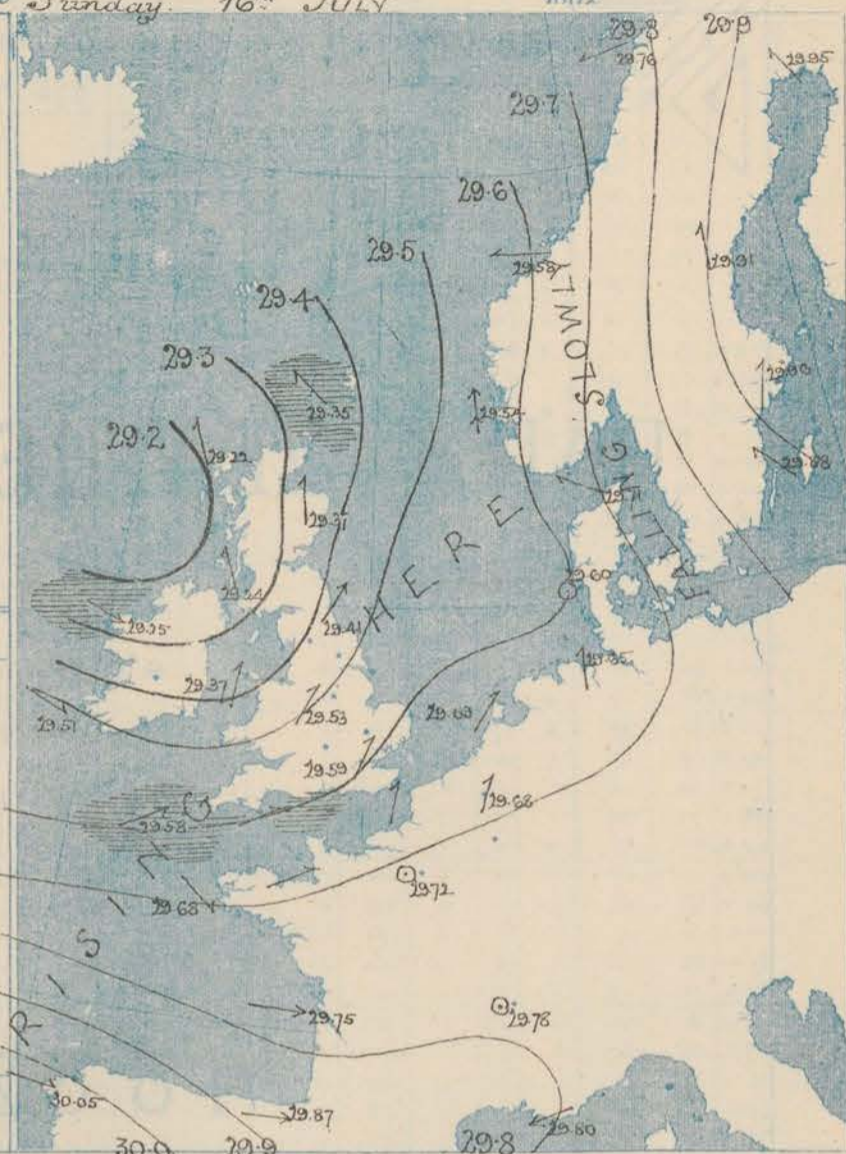
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ⊙ = dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

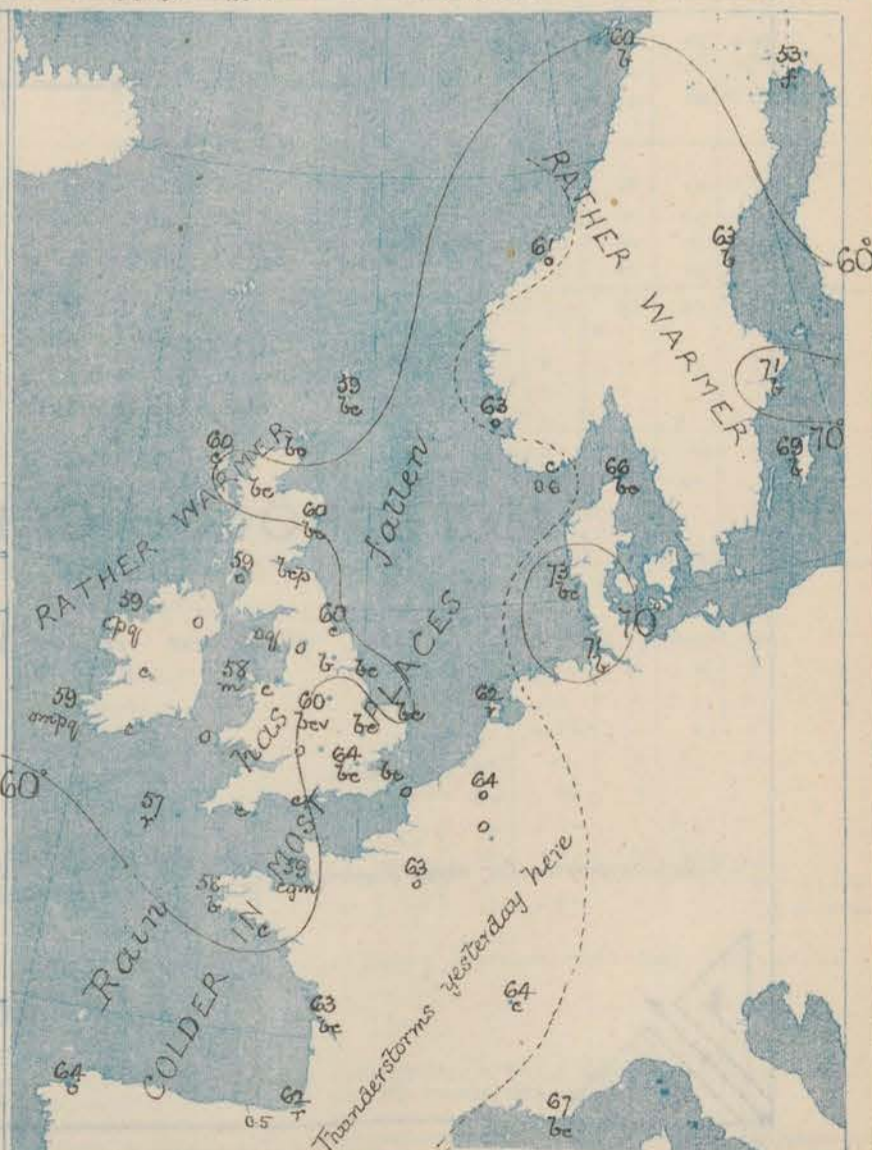
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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
	°	ins.
Sundergh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 Sunday 16th July 1882 at 8 a.m.

The depression which lay off the W. of Ireland yesterday morning has moved slightly N^W, while the subsidiary disturbances over England have travelled away over the North Sea so that the barometer is now rising in all parts of the British Islands and France. The wind has veered to W. on our western coast, but remains S^W or S^E in the E. and N. The weather is still rather showery at some of our W. and S^W stations, but is generally fair in the E. and N. Showers fell in most places yesterday and a thunderstorm occurred over France. Temperature has fallen a little in most places and now ranges from 64° in London to 57° at Scilly and Howle Point. The highest maxima yesterday were 70° at Leith and in London and 71° at Bournemouth and Cambridge. The sea is rather rough at Lumbough Head, Mullaghmore, Scilly, and Hurst Castle, moderate or slight 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 16TH JULY

1882

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	29.74	52	SW	2	o	29.95	+ .27	53	51	-	1	SE	2	o	2	57	48	-
Hernösand	29.30	59	SSW	2	b	29.41	+ .15	63	59	+	3	S	2	b	2	72	52	-
Stockholm	29.59	62	SSW	2	b	29.46	+ .08	71	60	+	10	SSW	2	b	2	75	59	-
Wishby	29.57	63	S	2	b	29.88	- .01	69	62	+	4	SE	2	b	2	79	57	-
Bodö	29.76	55	N	2	b	29.76	+ .12	60	53	+	7	ENE	4	b	1	?	48	-
Christiansund	29.65	63	ENE	2	o	29.58	- .07	61	57	+	1	E	3	o	2	70	59	0.04
†Skudesnaes	29.60	64	SE	7	o	29.54	- .11	63	61	+	2	S	8	o	5	64	61	-
Oxö (Klansund)	29.69	63	NE	4	o	29.63	- .06	68	64	+	5	E	2	o	3	?	59	0.59
Skagen (The Shaw)	29.75	64	SE	3	c	29.71	- .04	66	63	+	3	ESE	4	c	3	73	61	-
Fanö	29.60	68	ESE	6	c	29.60	- .13	73	68	+	4	Z	0	2	?	64	-	
Cuxhaven	29.70	?	SSE	2	b	29.65	- .11	71	68	+	4	S	2	b	2	?	59	-
†Sumburgh Head	29.30	59	SE	5	r	29.35	- .07	59	57	+	1	SE	4	b	5	59	53	0.27
†Stornoway	29.7	63	S	3	o	29.22	.00	60	57	+	4	SSE	1	c	1	66	52	0.01
Wick	29.13	58	S	3	o	29.30	+ .02	59	55	+	2	S	3	b	3	62	52	0.10
Nairn	29.19	63	Z	0	c	29.28	+ .06	61	58	+	1	Z	0	b	1	69	54	0.18
†Aberdeen	29.25	60	S	2	b	29.37	+ .09	60	56	+	3	S	2	b	2	62	49	0.08
Leith	29.23	60	N	5	b	29.32	+ .11	58	51	-	2	S	2	b	2	70	51	0.12
†Shields	29.33	66	WSW	3	b	29.41	+ .10	60	56	-	3	SW	5	c	2	68	51	0.43
Spurn Head	29.37	64	S	3	b	29.53	+ .12	58	56	-	5	SSW	4	b	3	67	55	0.10
York	29.36	66	SSW	1	b	29.45	+ .11	60	56	-	3	S	4	b	2	69	52	-
Loughborough	29.40	67	SSW	2	b	29.53	+ .12	60	56	-	2	SW	4	b	2	71	52	0.20
†Ardrossan	29.23	62	S	3	b	29.24	+ .06	59	59	0	0	SSE	4	o	3	63	55	0.08
†Mullagumore	29.10	58	SSW	5	o	29.25	+ .14	59	57	+	1	WSW	6	c	5	62	55	0.32
Donaghadee	29.24	60	SSW	5	b	29.25	+ .06	59	57	-	2	WSW	5	o	3	64	54	-
Parsonstown	29.32	59	SSW	1	c	29.36	+ .16	59	56	+	2	N	1	c	2	63	55	0.21
Barrow-in-Furness	29.37	59	SSW	3	b	29.37	+ .11	58	50	-	4	S	6	o	4	64	54	0.13
†Holyhead	29.33	59	SSW	5	b	29.37	+ .13	58	57	+	2	SSW	1	m	3	63	55	0.04
Liverpool (Bishop)	29.37	60	SW	3	c	29.42	+ .05	60	56	-	2	S	3	c	3	68	51	0.26
†Valencia	29.29	58	WSW	5	o	29.51	+ .29	59	58	0	0	WSW	4	m	4	63	54	0.25
Roche's Point	29.31	58	SW	5	b	29.43	+ .20	59	57	+	1	N	4	c	4	62	54	-
Pembroke	29.39	59	SSW	4	b	29.44	+ .15	58	57	+	1	WSW	5	o	4	60	56	0.04
†Scilly	29.43	61	SSW	6	o	29.58	+ .22	57	57	-	3	WSW	5	r	5	64	55	0.10
Prawle Point	29.51	58	SSW	4	b	29.60	+ .20	57	56	0	0	SW	4	c	4	61	53	0.09
Hurst Castle	29.53	62	N	5	c	29.61	+ .14	60	59	0	0	WSW	4	c	5	65	58	0.02
†Dover	29.50	65	WSW	2	b	29.64	+ .17	61	59	-	2	WSW	3	b	2	67	58	0.28
†London	29.48	66	SW	3	c	29.59	+ .08	64	59	+	2	SW	3	o	2	70	59	0.08
Oxford	29.48	61	S	2	b	29.57	+ .15	60	57	-	2	S	3	o	2	69	54	0.04
Cambridge	29.46	64	S	2	b	29.59	+ .12	60	56	-	5	SW	2	b	2	71	52	0.02
†Yarmouth	29.48	64	SSE	3	b	29.63	+ .09	60	58	-	3	SSW	2	b	2	64	55	0.05
The Helder	29.53	64	WSW	1	b	29.63	- .02	60	59	-	3	SW	1	r	1	73	61	0.20
Cape Gris Nez	29.58	61	WSW	3	r	29.67	+ .16	62	58	-	2	SSW	1	o	2	73	57	0.20
†Jersey	29.59	59	N	2	c	29.68	+ .16	59	58	-	2	WSW	3	m	3	65	55	0.04
Brest	29.58	61	SW	4	b	29.48	+ .20	58	56	-	1	WSW	4	b	4	63	55	0.08
Lorient	29.64	65	WSW	4	c	29.63	+ .14	59	56	-	3	N	5	b	4	72	58	-
†Rochefort	29.58	63	WSW	5	c	29.75	+ .17	63	60	-	6	N	5	o	2	75	55	0.08
Biarritz	29.73	67	WSW	5	o	29.87	+ .21	62	57	-	17	N	7	r	3	86	55	0.47
Corunna	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?
Brussels	?	?	?	?	?	29.68	+ .03	64	62	-	7	SSW	3	o	2	87	62	0.24
Charleville	?	?	?	?	?	29.76	+ .13	64	60	-	9	SSW	3	o	2	81	54	0.39
Paris	29.58	73	ESE	1	b	29.72	+ .12	63	59	-	9	Z	0	o	2	?	?	0.28
Lyons	29.67	80	S	7	b	29.78	+ .02	64	59	-	7	SE	1	c	2	82	60	-
Toulon	29.85	?	SE	3	b	29.80	- .12	67	60	+	1	ENE	5	c	2	73	61	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M. S. L.																		
Hawes Junction	28.16	58	SSW	2	b	28.23	+ .11	63	57	-	5	SSW	3	o	2	61	48	0.20

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.			
Skudesnaes	29.61	61	59	SE	6	r	5	Valencia	29.28	62	60	WSW	4	b	5	
Sumburgh Head	29.43	56	56	ESE	5	r	5	Scilly	29.42	64	61	WSW	6	c	5	
Stornoway	29.10	66	62	SSE	1	b	1	Dover	29.51	66	64	N	1	b	1	
Aberdeen	29.25	60	58	SSE	3	c	2	London	29.48	69	64	S	4	c	2	
Shields	29.29	61	60	WSW	3	r	2	Yarmouth	29.53	63	61	S	3	r	3	
Ardrossan	29.20	63	60	SW	3	b	2	Jersey	29.55	64	60	WSW	3	c	3	
Mullagumore	29.10	61	66	SSW	5	o	4	Rochefort	29.65	?	?	NN	6	b	?	
Holyhead	29.31	62	59	SW	5	b	3	Ben Nevis (4406 ft)	29.81	46	45	SE	6	f	46	
														Max.	Min.	Rain
														46	41	0.45

The barometer is rising on our south-west coasts as well as at Rochefort, but continues to fall in the E. and N. Winds are very little changed, but the weather seems to be improving considerably in the W.

EXPLANATION OF COLUMNS.

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

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



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S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. W. & J. G. at the Press of the Meteorological Office.

WEATHER CHARTS



for 8 a.m. on MONDAY 17th JULY 1882

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.

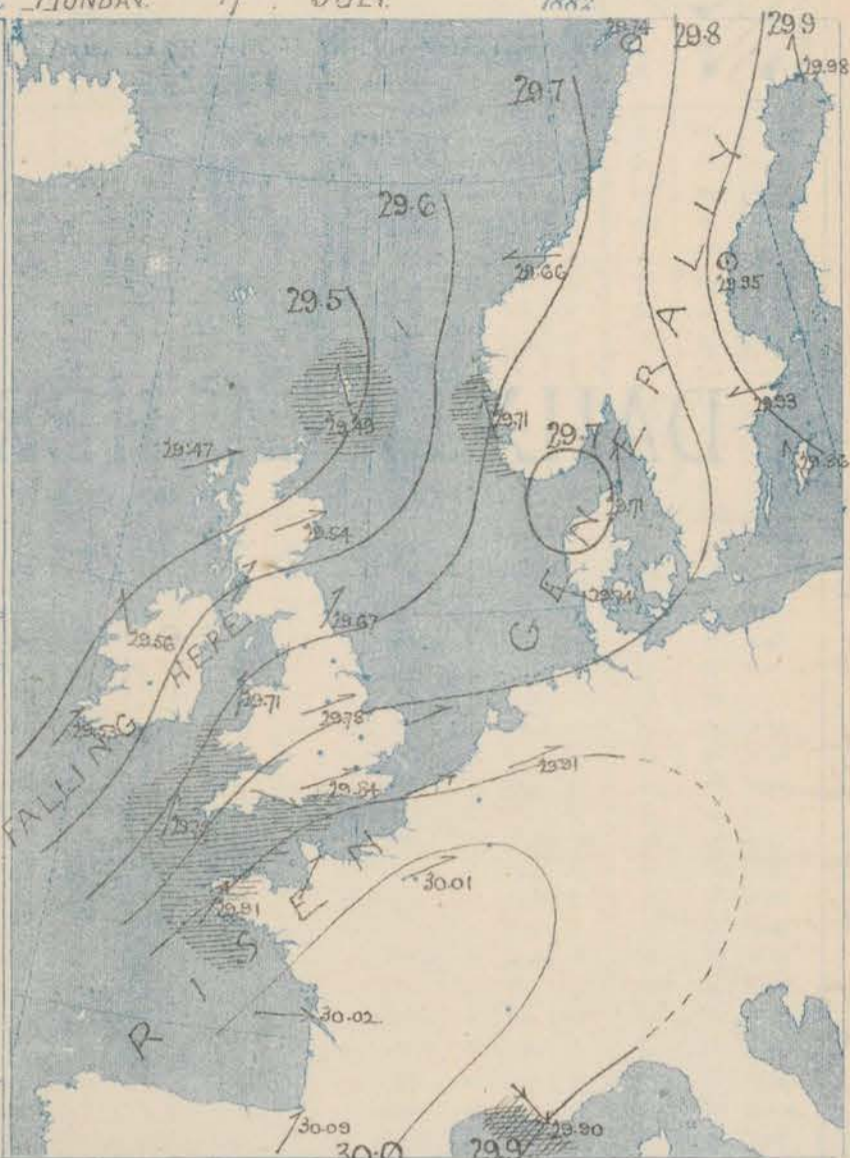
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10
→→ forces 5 to 7; →→ forces 1 to 4.
⊙ = dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenock	29.917
Holyhead	29.946
Valencia	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.

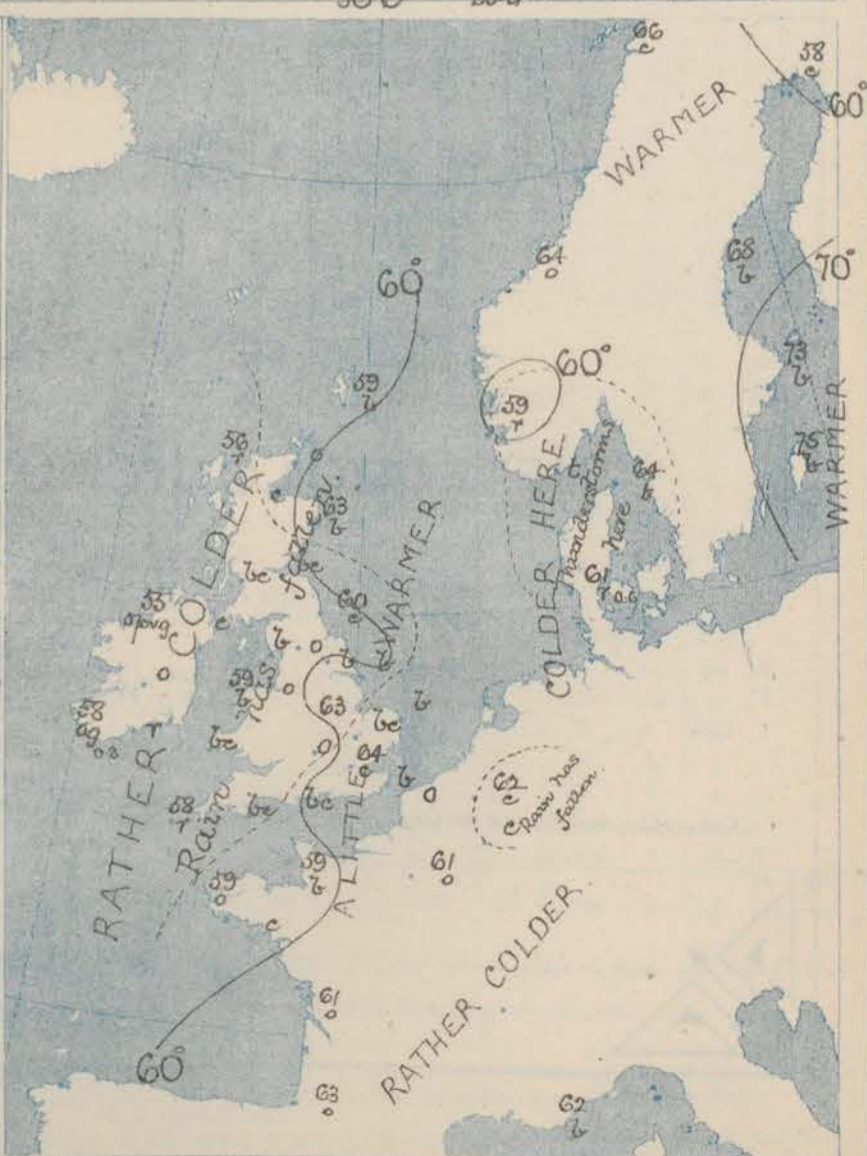
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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
	°	ins.
Sumburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.5	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 MONDAY 17TH JULY 1882 at 8 a.m.

In the course of the past 24 hours, the barometer has continued to rise steadily over G^t Britain and France, but in Ireland a new and rather brisk fall has commenced, and conditions are again becoming unsettled. The wind has returned to S or SSW on all our W. Coasts, and blows freshly in some places, but at our Est stations, light S.W^{ly} breezes continue. The weather is fine over the greater part of England and Scotland; elsewhere there is a good deal of cloud, and at Stornoway, Rochie Point, and Scilly rain is falling. In Denmark and the S. of Norway the weather is rendered stormy and rainy by the presence of a small local depression. Showers fell yesterday in all the more W^{ly} parts of the United Kingdom. Temperature has fallen in the W. risen slightly in the E, and readings range from 64° in London to 55° at Mullaghmore. The maxima yesterday were as high as 70° in many parts of England and at Cambridge the thermometer reached 71°. The sea is rough in the SW+S.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

18TH JULY

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH	S. or SE ^{ly} winds, moderate; cloudy Some rain
2 SCOTLAND EAST	SW ^{ly} and S ^{ly} winds, moderate to fresh; fair to cloudy and unsettled
3 ENGLAND N.E.	----- 0° ----- 0° ----- 0° -----
4 ENGLAND EAST	Wind generally SW ^{ly} ; moderate to fresh; fair to cloudy and unsettled.
5 MIDLAND COUNTIES	----- 0° ----- 0° ----- 0° -----
6 ENGLAND SOUTH	----- 0° ----- 0° ----- 0° -----

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N ^o 1
7 ENGLAND N.W.	Same as N ^o 1 and 2
8 ENGLAND S.W.	SW ^{ly} winds fresh or strong; cloudy, rainy
9 IRELAND NORTH	S ^{ly} to SW ^{ly} winds, moderate and fresh; cloudy, rainy
10 IRELAND SOUTH	----- 0° ----- 0° ----- 0° -----
WARNINGS	None issued

METEOROLOGICAL OBSERVATIONS FOR JULY 17th 1882

STATION.	† YESTERDAY EVENING.						8 A.M. TO DAY										PAST 24 HOURS.			
	Barometer at sea level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Max.	Min.	Avg.	Rainfall.
			Dir.	Force, (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.				
Haparanda	29.99	55	NNW	2	bc	29.98	+ .03	58	54	+ 5	S	2	c	*	59	48	-	-	-	-
Hernösand	29.91	59	Z	0	bc	29.95	+ .04	68	60	+ 5	Z	0	b	*	70	50	-	-	-	-
Stockholm	29.97	63	SE	2	b	29.93	- .03	73	65	+ 2	E	2	b	*	81	59	-	-	-	-
Wishy	29.89	67	E	2	b	29.86	- .02	75	67	+ 6	SSE	2	b	*	84	59	-	-	-	-
Bodö	29.68	67	E	2	o	29.74	- .02	66	62	+ 6	Z	0	c	1	70	60	0.12	-	-	-
Christiansund	29.60	64	ESE	2	c	29.60	+ .08	64	59	+ 3	E	3	o	1	66	59	0.04	-	-	-
† Skudesnaes	29.69	62	S	8	c	29.71	+ .07	59	57	- 4	SSE	2	r	5	63	?	-	-	-	-
Oxö (Xunnsund)	29.73	65	E	4	c	29.66	+ .03	64	63	- 4	NNE	4	t	2	70	63	0.24	-	-	-
Skagen (The Skaw)	29.75	68	ENE	2	b	29.71	.00	64	63	- 2	S	4	t	2	77	63	0.12	-	-	-
Faro	29.69	64	NW	4	t	29.74	+ .14	61	60	- 12	NNW	4	r	*	77	59	0.63	-	-	-
Cuxhaven	29.72	?	N	3	c	29.78	+ .13	64	63	- 7	NNW	2	c	*	73	61	0.08	-	-	-
† Sumburgh Head	29.37	58	SE	4	bc	29.49	+ .14	59	57	0	SSE	4	b	5	61	52	-	-	-	-
† Stornoway	29.26	62	SH	2	o	29.47	+ .25	50	55	- 4	SHW	3	r	3	64	54	0.25	-	-	-
Wick	29.27	59	S	5	bc	29.50	+ .20	60	57	+ 1	SH	4	o	3	64	55	-	-	-	-
Nairn	29.30	64	SH	3	bc	29.30	+ .22	59	54	- 2	SH	3	c	2	66	54	-	-	-	-
Aberdeen	29.38	60	S	5	b	29.34	+ .7	63	57	+ 3	SHW	1	b	1	64	52	-	-	-	-
Leith	29.44	62	W	4	bc	29.62	+ .30	60	55	+ 2	W	1	bc	*	69	54	0.02	-	-	-
† Shields	29.50	64	SH	4	c	29.67	+ .26	60	55	0	SH	2	c	2	66	55	0.08	-	-	-
Spurn Head	29.55	67	SSH	3	bc	29.73	+ .20	60	58	+ 2	SH	3	b	2	70	55	-	-	-	-
York	29.55	63	S	1	c	29.73	+ .25	60	55	0	W	2	b	*	69	54	0.02	-	-	-
Loughborough	29.60	65	SH	3	c	29.78	+ .25	63	57	+ 3	SHW	2	bc	*	70	53	0.01	-	-	-
† Ardrossan	29.44	59	SHW	4	b	29.64	+ .40	57	55	- 2	SSH	3	bc	2	61	54	0.07	-	-	-
† Mullaghmore	29.30	57	W	6	o	29.56	+ .31	55	52	- 4	SSE	4	opg	4	60	53	0.03	-	-	-
Donaghadee	29.49	60	SHW	3	bc	29.66	+ .41	57	54	- 2	SHW	3	c	1	68	49	0.01	-	-	-
Marsonstown	29.60	61	NNW	1	bc	29.60	+ .24	55	53	- 4	S	1	r	*	63	50	0.02	-	-	-
Barrow-in-Furness	29.50	62	SSH	3	b	29.70	+ .33	58	55	0	SSH	3	*	2	64	56	-	-	-	-
† Holyhead	29.54	59	W	3	bc	29.71	+ .34	59	56	+ 1	SSH	4	*	3	63	55	0.01	-	-	-
Liverpool (Bidston)	29.54	60	SH	3	bc	29.72	+ .30	58	55	- 2	SSH	1	*	*	68	53	0.04	-	-	-
† Valencia	29.68	58	SHW	3	cp	29.53	+ .02	58	58	- 1	SH	3	og	*	?	53	0.83	-	-	-
Roche's Point	29.66	57	? NW	3	bc	29.56	+ .13	50	56	- 3	S	6	r	4	?	53	0.20	-	-	-
Pembroke	29.61	59	SHW	4	c	29.73	+ .29	58	54	0	SSH	4	bc	5	6	56	-	-	-	-
Scilly	29.72	59	W	6	cp	29.75	+ .17	58	57	+ 1	SSH	5	r	5	?	55	0.09	-	-	-
Prawle Point	29.72	57	SH	5	c	29.85	+ .25	57	54	0	SH	5	bc	5	?	?	0.10	-	-	-
Hurst Castle		62	W	6	bc	29.87	+ .36	61	58	- 1	NNW	5	bc	5	?	?	-	-	-	-
† Dover		62	SHW	4	b	29.86	-	63	60	- 2	SHW	4	b	*	?	58	-	-	-	-
† London		65	SHW	4	c	29.84	+ .25	64	59	0	SHW	3	c	*	70	55	-	-	-	-
Oxford	29.69	59	SH	2	b	29.82	+ .25	59	57	- 1	SH	3	o	*	70	56	0.13	-	-	-
Cambridge	29.64	66	SH	2	bc	29.82	+ .23	60	57	0	SH	1	bc	*	71	62	-	-	-	-
Yarmouth	29.64	65	S	4	b	29.80	+ .17	62	58	+ 2	SHW	3	b	2	66	53	-	-	-	-
The Folke																				
Cape Gr. Nez	29.77	61	SHW	5	b	29.87	+ .20	59	58	- 3	SHW	5	o	3	64	57	-	-	-	-
Jersey	29.81	60	W	4	b	29.95	+ .27	59	57	0	SH	3	b	3	64	55	-	-	-	-
Brest	29.84	59	W	5	o	29.91	+ .23	59	56	+ 1	SH	5	o	5	61	57	-	-	-	-
Lorient	29.84	59	NW	6	bc	29.93	+ .30	59	55	0	SH	4	c	2	62	54	-	-	-	-
† Rochefort	29.90	67	NN	8	bc	30.02	+ .27	61	59	- 2	W	5	o	2	72	57	-	-	-	-
Biarritz	30.03	64	W	5	o	30.09	+ .22	63	57	+ 1	SH	3	o	2	70	55	0.08	-	-	-
Corunna	*	*	*	*	*															
Brussels	*	*	*	*	*	29.91	+ .23	62	57	- 2	SHW	5	c	*	68	57	0.16	-	-	-
Charleville	29.76	64	S	1	o	29.94	+ .18	59	55	- 5	NNW	4	c	*	72	55	0.08	-	-	-
Paris	29.76	68	SHW	3	bc	30.01	+ .29	61	59	- 2	SHW	3	o	*			0.04	-	-	-
Lyons																				
Topion	29.79	71	Z	0	o	29.90	+ .10	62	56	- 5	NW	8	b	7	8	59	-	-	-	-

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

Hawes Junction	28.33	57	SHW	3	op	28.49	+ .26	54	51	+ 1	W	3	c	*	59	50	0.22	-	-	-
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

Bar.	Wet.	Wind.	Wea.	Sea.	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes 29.64	63	61	SSE	8	r	6	Valencia				
Sumburgh Head							Scilly				
Stornoway							Dover				
Aberdeen							London				
Shields							Yarmouth				
Ardrossan							Jersey				
Mullaghmore							Rochefort	29.81	70	66	
Holyhead								NNW	7	bc	2

EXPLANATION OF COLUMNS.

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

* 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.

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



DAILY WEATHER REPORT

FOR

TUESDAY, 18TH JULY.

1882

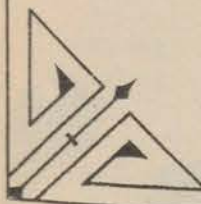
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on TUESDAY, 18TH JULY.

1882

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.

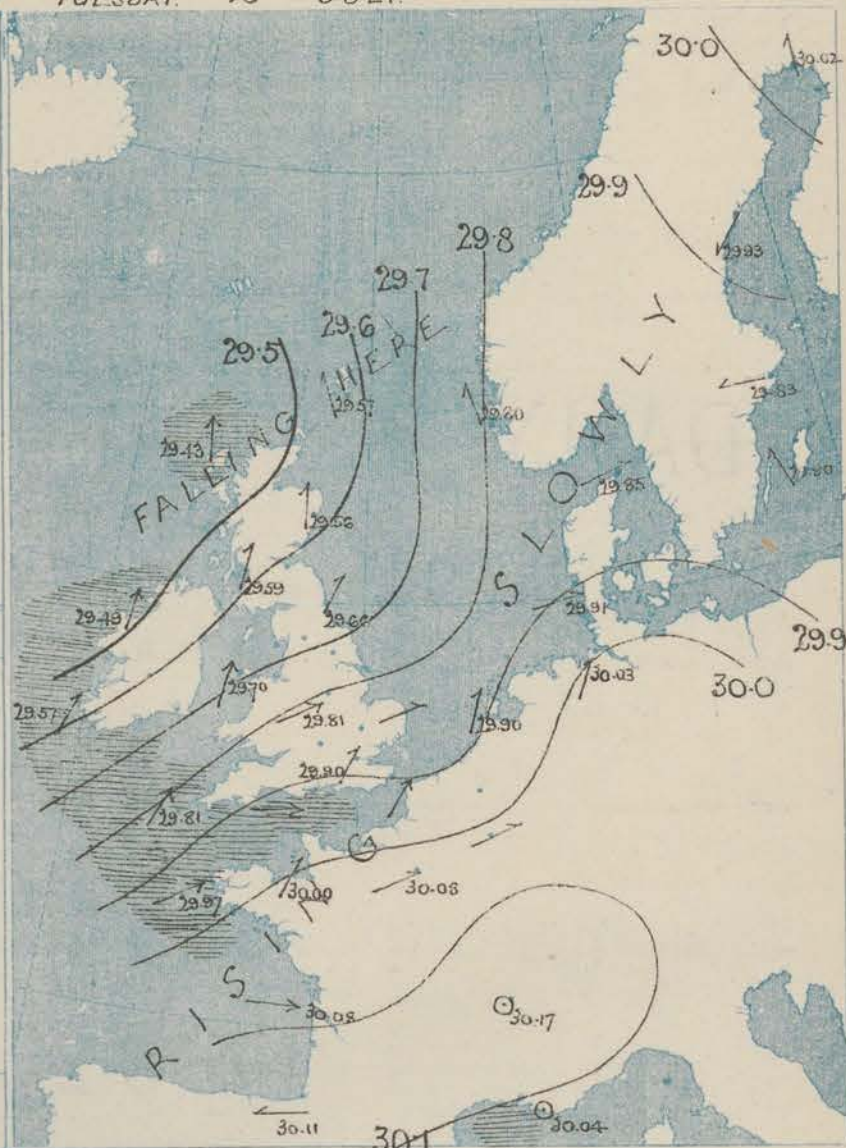
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings
	In.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	29.965
Roche's Pt.	29.970
Plymouth	30.000
LONDON	29.983
Varmouth	29.970

* 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.

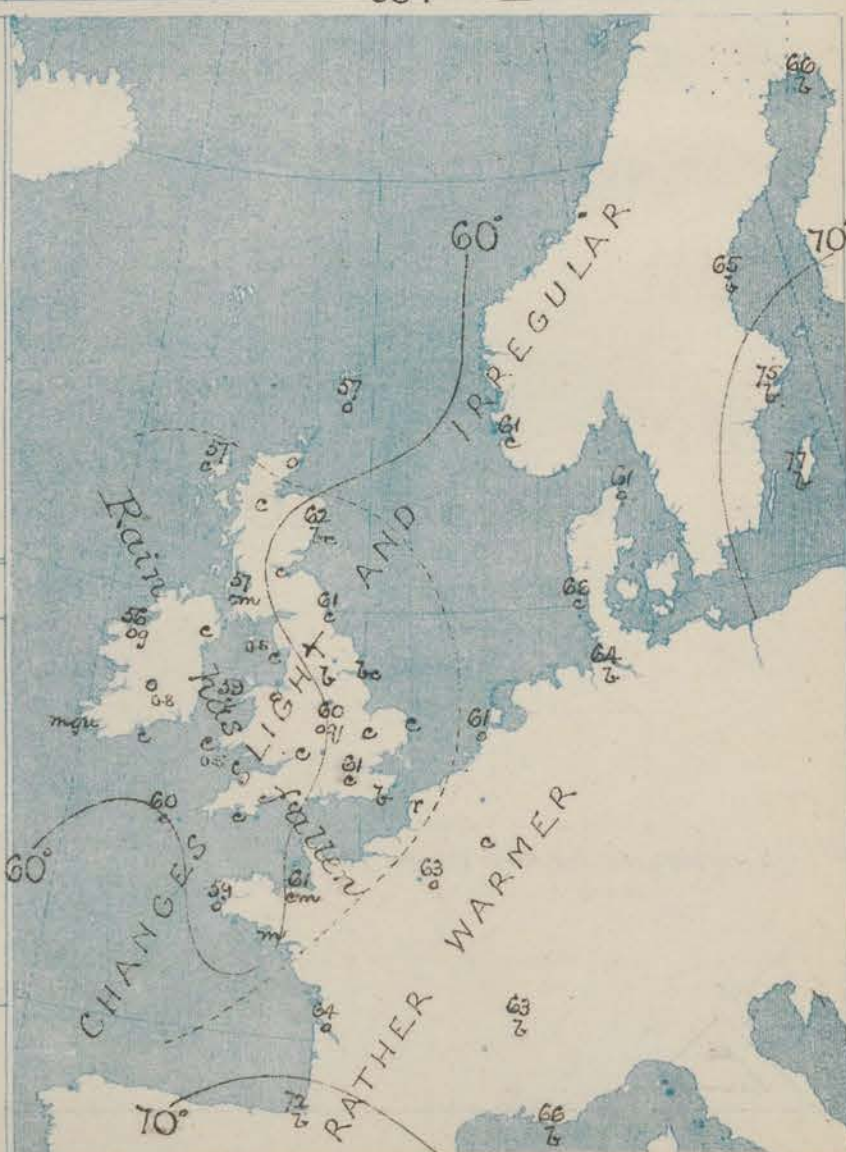
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.40
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	64.3	2.30
Varmouth	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 18th JULY 1882 at 8 a.m.

The fall of the barometer noticed in the South of Ireland yesterday morning has now passed to the Scotch stations, and the mercury is rising over the whole of our S^e Coasts, as well as over France. Readings are still relatively high in the S. of France and over the Gulf of Bothnia, while a series of depressions is passing in a N^e direction, outside our W^e Coasts. The winds are SW^{ly} except in Scotland, where they draw into S.; in the Channel they blow strongly. The weather is still fine on some parts of our E. Coasts, but is more or less cloudy elsewhere, with, however, an absence of rain. In the course of yesterday, rain fell at all but the most N^e station, and at Parsonstown three quarters of an inch was measured. Temperature has risen over France, changed irregularly elsewhere, and Readings range from 64° at Leith to 56° at Mullachmore. During yesterday the thermometer rose to about 70° in many parts of England. The sea is rough on our SW coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

19th JULY

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ^{ly} winds, moderate and fresh; cloudy, unsettled, some rain	6 SCOTLAND WEST	S ^{ly} winds, moderate; cloudy, some rain
1 SCOTLAND EAST	----- D' ----- D' ----- D' -----	7 ENGLAND N.W.	S ^{ly} and SW ^{ly} winds, moderate or fresh; cloudy, showery
2 ENGLAND N.E.	SW ^{ly} winds, moderate, unsettled, shower	8 ENGLAND S.W.	SW ^{ly} winds, fresh and strong; cloudy, some showers
3 ENGLAND EAST	SW ^{ly} and N ^{ly} winds, moderate and fresh; fair on the whole, but perhaps some showers	9 IRELAND NORTH	SW ^{ly} and S ^{ly} winds, moderate and fresh; cloudy, showery
4 MIDLAND COUNTIES	----- D' ----- D' ----- D' -----	10 IRELAND SOUTH	----- D' ----- D' ----- D' -----
5 ENGLAND SOUTH	----- D' ----- D' ----- D' -----	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 18TH JULY 1882

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	29.98	59	S	2	b	30.02	+ .04	66	58	+ 8	S	2	b	*	2	54	-		
Hernösand	29.91	59	Z	0	b	29.93	- .01	65	61	- 3	NE	2	b	*	81	50	-		
Stockholm	29.89	68	ESE	2	b	29.83	- .06	75	68	+ 7	E	2	b	*	84	59	-		
Wisby	29.81	71	SE	2	b	29.80	- .01	77	67	+ 10	SSE	4	b	*	86	64	-		
† Bodö	29.73	69	Z	0	bc	29.82	+ .09	58	?	- 8	SW	2	c	1	71	57	-		
† Christiansund	29.72	59	SW	2	o	29.76	+ .04	59	57	- 2	ESE	2	o	1	63	55	0.04		
† Skudesnaes	29.78	61	SSE	2	o	29.80	+ .02	61	58	+ 3	SSE	4	c	3	64	59	-		
Oxö (Xenosund)	29.79	62	SW	4	b	29.82	+ .03	64	60	+ 4	WSW	2	c	1	66	59	-		
Skagen (The Skaw)	29.70	61	W	4	bc	29.85	+ .15	61	58	- 3	WSW	4	o	2	70	59	-		
Fanö	29.89	60	WSW	2	c	29.91	+ .02	66	59	+ 7	WSW	4	c	*	66	57	-		
Cuxhaven	29.91	?	NW	2	b	30.03	+ .12	64	62	+ 2	S	2	b	*	66	55	-		
† Sumburgh Head	29.59	58	SSW	2	b	29.57	- .02	57	56	- 1	SSE	4	o	4	63	52	-		
† Stornoway	29.51	58	SE	2	o	29.43	- .08	57	56	- 1	S	5	c	5	61	54	0.07		
Wick	29.58	62	SSW	3	bc	29.49	- .09	59	57	- 2	S	5	o	4	67	55	-		
Nairn	29.55	61	Z	0	c	29.48	- .07	62	58	+ 4	SSW	1	c	1	68	58	0.01		
† Aberdeen	29.62	62	S	2	b	29.56	- .06	62	59	- 3	S	2	bc	1	67	54	-		
Leith	29.61	60	SW	1	c	29.59	- .02	64	58	- 6	SW	1	c	*	69	55	0.05		
† Shields	29.64	60	SW	3	c	29.66	+ .02	61	58	- 3	SW	4	c	3	68	55	0.02		
Spurn Head	29.74	67	SSW	4	bc	29.74	+ .00	62	57	- 5	SSW	5	bc	3	70	57	0.02		
York	29.71	66	SSW	3	bc	29.73	+ .02	62	56	- 6	SW	3	b	*	70	55	0.03		
Loughborough	29.76	62	S	4	o	29.81	+ .05	60	56	- 4	WSW	5	ag	*	70	56	0.03		
† Ardrossan	29.56	59	ESE	4	r	29.59	- .03	57	55	- 2	SSW	4	cm	3	61	55	0.05		
† Mullaghmore	29.40	59	SW	5	o	29.49	+ .09	56	53	- 3	SSW	6	o	5	64	54	0.19		
Donaghadee	29.57	58	SSE	5	r	29.61	+ .04	57	55	- 2	WSW	4	c	2	62	50	0.42		
Parsonstown	29.47	57	S	1	o	29.60	+ .13	56	54	- 2	SE	1	o	*	64	50	0.76		
Barrow-in-Furness	29.62	61	SE	4	r	29.67	+ .05	58	57	+ 1	SW	5	c	5	65	56	0.47		
† Holyhead	29.58	58	S	5	r	29.70	+ .12	59	56	- 3	SSW	5	c	4	63	54	0.22		
Liverpool (Birleston)	29.63	58	SE	4	o	29.72	+ .09	58	55	- 3	SW	3	o	3	67	54	0.07		
† Valencia	29.50	59	SW	5	c	29.57	+ .07	60	56	- 4	SSW	4	mgw	6	62	53	0.34		
Roche's Point	29.53	58	SSW	4	bc	29.66	+ .13	58	56	- 2	SSW	5	c	4	61	52	0.32		
Pembroke	29.62	57	S	4	o	29.74	+ .12	58	55	- 3	SW	5	c	4	59	56	0.53		
† Scilly	29.66	59	SSW	7	r	29.81	+ .15	60	58	+ 2	SW	6	c	5	62	56	0.29		
Prawle Point	29.76	57	SSW	6	r	29.89	+ .13	58	57	+ 1	SSW	5	c	5	59	54	0.29		
Hurst Castle	29.82	58	SW	6	r	29.91	+ .09	60	59	- 1	W	7	c	5	64	57	0.42		
† Dover	29.90	60	SW	4	b	29.90	+ .00	62	60	- 2	W	5	b	4	65	58	0.22		
† London	29.86	59	S	4	or	29.90	+ .04	61	57	- 4	SW	3	c	*	70	56	0.14		
Oxford	29.77	57	S	4	o	29.86	+ .09	60	57	- 3	SW	4	c	*	67	56	0.05		
Cambridge	29.82	61	S	2	o	29.86	+ .04	62	58	- 4	SW	2	c	*	71	55	0.06		
† Yarmouth	29.83	67	SSW	4	b	29.85	+ .02	60	59	- 1	WSW	2	c	2	67	57	0.27		
The Helder	29.92	62	SW	3	b	29.90	- .02	61	59	- 2	SSW	3	o	3	68	55	-		
Cape Gris Nez	29.91	63	WSW	4	b	29.98	+ .07	60	59	+ 1	SW	7	r	4	64	55	0.16		
† Jersey	29.88	59	SSW	4	o	30.00	+ .12	61	60	+ 1	SW	4	cm	4	65	56	0.16		
Brest	29.84	59	SW	5	o	29.97	+ .13	59	58	- 1	WSW	5	o	5	61	57	0.16		
Lorient	29.87	60	SW	7	m	29.98	+ .11	59	58	- 1	W	5	m	4	64	55	0.04		
† Rochefort	30.04	66	WSW	7	bc	30.08	+ .04	64	62	+ 2	W	7	o	2	72	55	-		
Biarritz	30.05	69	NNE	4	bc	30.11	+ .06	72	67	+ 5	E	3	b	3	72	57	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville	?	?	?	?	?	30.09	+ .05	61	55	+ 6	WSW	4	c	*	72	54	-		
Paris	30.00	68	SW	?	bc	30.08	+ .08	63	59	+ 4	WSW	1	o	*	*	*	-		
Lyons	30.06	68	NNE	1	b	30.07	- .01	68	57	- 11	E	1	b	*	71	51	-		
Toulon	29.92	68	WNW	8	b	30.04	+ .12	66	56	- 10	Z	0	b	b	72	57	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.46	58	SSW	2	o	28.48	- .02	53	51	- 2	SSW	2	r	*	62	51	0.26		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.76	64	59	SE	4	0	Valencia	29.47	58	58	SSW	6	0
Sumburgh Head	29.55	62	58	S	4	0	Scilly	29.69	61	60	SW	5	0
Stornoway	29.54	60	56	SSW	4	0	Dover	29.92	64	59	WSW	5	0
Aberdeen	29.62	64	57	SW	3	0	London	29.87	68	60	SSW	5	0
Shields	29.70	65	58	SW	3	0	Yarmouth	29.84	64	61	SSW	4	0
Ardrossan	29.62	61	58	SSW	3	0	Jersey	29.93	62	58	S	4	0
Mullaghmore	29.44	62	58	SSE	5	0	Rochefort	30.04	68	61	WSW	5	0
Holyhead	29.66	63	58	S	5	0							

The fall of the barometer which was in progress in the south of Ireland this morning has now extended to Holyhead and Scilly, but at the N and E stations the mercury continues to rise. SW and S winds are prevailing generally and cloudy, unsettled weather is spreading over the Kingdom.

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

WEDNESDAY, 19TH JULY,

1882

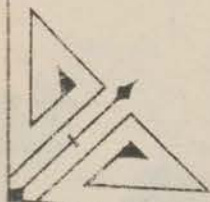
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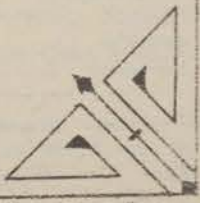
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on WEDNESDAY 19th JULY

1882

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

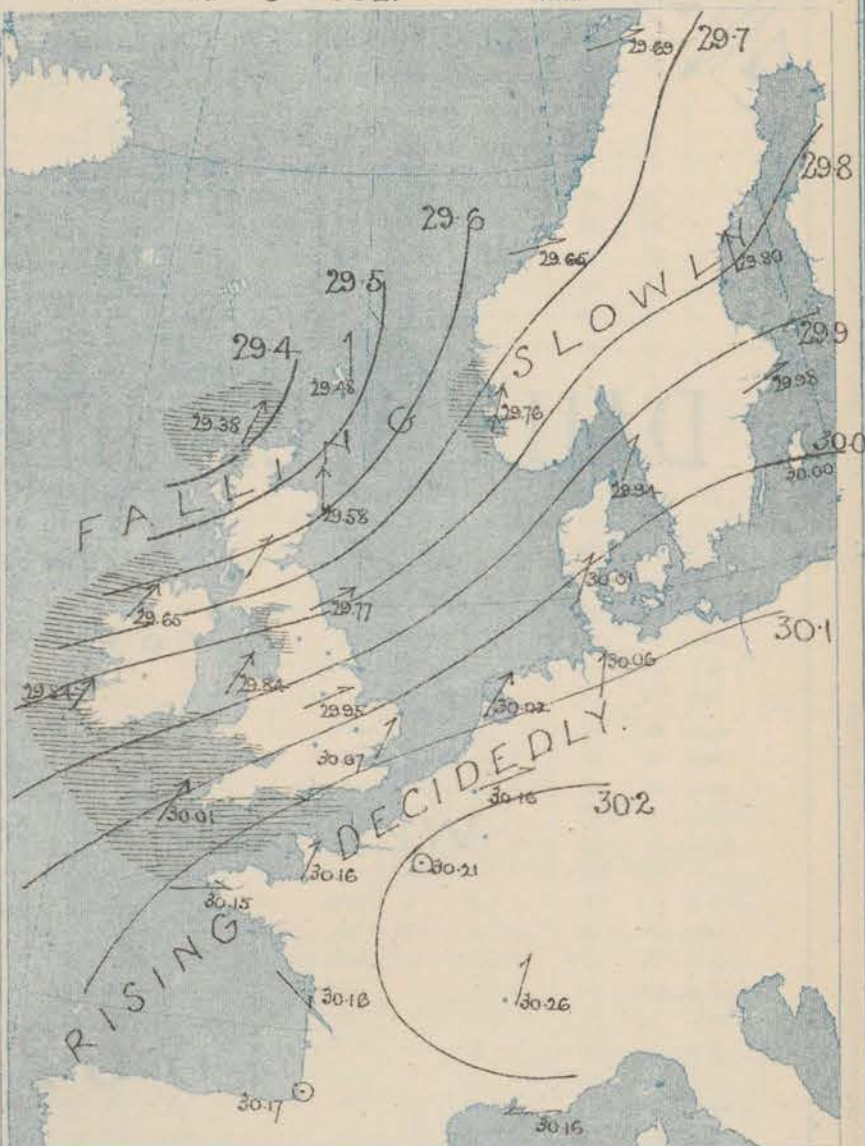
— rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings Ins.
Nairn	29.33
Aberdeen	29.38
Leith	29.90
Scarborough	29.94
Ardrossan	29.92
Greencastle	29.91
Holyhead	29.94
Valencia	29.96
Roche's Pt.	29.97
Plymouth	30.00
LONDON	29.96
Yarmouth	29.97

* 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.

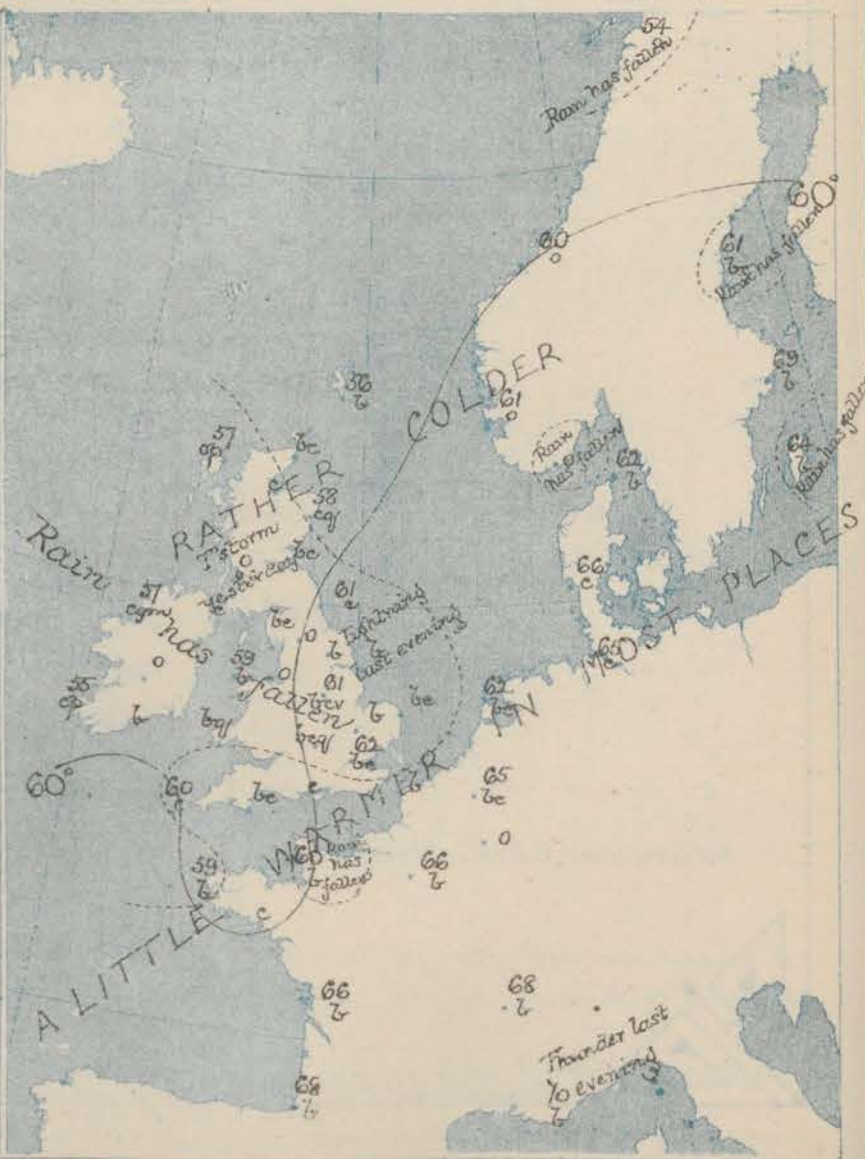
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
Sumburgh Head	53.7	1.23
Sherway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.69
Parsonstown	60.7	2.79
Valencia	61.1	3.38
Silly (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 WEDNESDAY 19th JULY 1882 at 8 a.m.

The barometer is falling somewhat over the Nth parts of Scotland and Scandinavia, but rising elsewhere, and an anticyclone seems to be forming over France.

Conditions are therefore more favourable than of late. Fresh or strong S.W. winds prevail over the whole of the United Kingdom, but in France very light and variable breezes are reported. Fair weather has set in at all but our extreme N.W. and W. stations, where the sky is still cloudy; at Stornoway and Valencia, showers are falling. A rather severe thunderstorm passed over Ardrossan yesterday, the accompanying rainfall being as much as 0.6 in., and lightning was seen at Spurn Head. Temperature has fallen a little in the N. but shows a disposition to rise elsewhere, readings now range from 63° at Cambridge and Dover to 54° at several N.W. stations. Maxima of 70° were recorded at Loughboro', Cambridge and Yarmouth^{yesterday}, while at Spurn Head the thermometer reached 71°. The sea is rough at Stornoway and on all our W. and S. coasts.

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S th and S.W. winds, fresh and strong; cloudy, some rain.	6 SCOTLAND WEST	S.W. winds, moderate, fair, but cloudy
2 SCOTLAND EAST	S.W. winds, fresh; fair on the whole, warmer.	7 ENGLAND N.W.	Same as Nos 1 and 2
3 ENGLAND N.E.	D°-----D°-----D°-----D°-----	8 ENGLAND S.W.	S.W. winds, falling moderate; fair, warm.
4 ENGLAND EAST	S.W. and W. winds, moderate; fine, warm	9 IRELAND NORTH	S.W. winds, fresh or strong; cloudy
5 MIDLAND COUNTIES	D°-----D°-----D°-----D°-----D°-----	10 IRELAND SOUTH	S.W. and W. winds, moderate or fresh; fair on the whole.
6 ENGLAND SOUTH	D°-----D°-----D°-----D°-----D°-----	WARNINGS	
		South Coast Nos 8 and 10 lowered this morning	

METEOROLOGICAL OBSERVATIONS FOR 19TH JULY 1882

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.	Force.	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).			Dry.	Wet.						Max.	Min.		
Haparanda																	
Hernösand	29.82	43	SSE	2	b	29.80	-13	61	60	-4	S	2	bc	79	55	0.08	
Stockholm	29.88	64	W	6	o	29.98	+15	64	60	-6	WSW	4	b	80	62	-	
Wisby	29.90	64	NWN	2	o	30.00	+20	64	60	-13	W	2	b	82	63	-	
Bodo	29.66	58	W	2	c	29.69	-13	54	50	-4	WSW	2	o	61	54	0.20	
Christiansund	29.72	60	NE	3	bc	29.65	-11	60	59	+1	WSW	4	o	61	55	0.04	
Skudesnaes	29.78	60	SSE	8	o	29.76	-104	61	58	0	SSW	8	o	63	61	-	
Oxö (Xtiansund)	29.86	61	SSW	4	r	29.85	+103	62	60	-2	SSW	6	o	66	59	0.04	
Skagen (The Skaw)	29.91	64	Z	0	b	29.94	+109	62	69	+1	SSW	4	b	70	57	-	
Fanö	29.97	62	SSW	4	bc	30.01	+110	66	61	0	SSW	4	c	68	59	-	
Cuxhaven	29.98	?	Z	0	b	30.06	+103	65	63	+1	P	1	c	70	59	-	
Sumburgh Head	29.51	59	SSE	4	c	29.48	-109	56	54	-1	S	4	b	60	50	-	
Stornoway	29.43	55	S	5	c	29.38	-105	59	55	0	SSW	6	op	60	53	0.01	
Wick	29.50	63	S	3	bc	29.48	-101	58	54	-1	SSW	5	bc	68	52	-	
Nairn	29.50	59	SSW	1	o	29.48	-100	59	55	-3	SSW	3	c	67	52	-	
Aberdeen	29.57	62	S	4	bc	29.58	+102	58	54	-4	S	6	c	65	52	-	
Leith	29.59	58	SSW	1	bc	29.64	+105	60	60	0	SW	6	bc	67	54	0.20	
Shields	29.69	64	SW	3	o	29.77	+111	61	55	0	WSW	5	c	67	57	0.16	
Spurn Head	29.79	59	SSW	5	c	29.91	+117	61	59	-1	SW	6	b	71	56	0.16	
York	29.75	65	SW	3	c	29.87	+114	61	55	-1	SW	4	b	69	54	0.01	
Loughborough	29.81	60	WSW	3	c	29.95	+114	61	56	+1	WSW	4	bc	70	54	0.31	
Ardrossan	29.55	59	SSE	3	ch	29.68	+109	59	56	0	SW	4	o	60	52	0.57	
Mullaghmore	29.42	59	SW	7	c	29.65	+116	59	54	+1	SW	6	c	63	52	0.22	
Donaghadee	29.54	59	SW	5	bc	29.72	+111	59	55	+2	WSW	5	c	62	52	0.35	
Parsonstown	29.54	59	SW	1	c	29.81	+124	59	54	+1	SW	1	o	66	52	0.14	
Barrow-in-Furness	29.66	60	SSW	5	u	29.79	+112	58	56	0	SW	6	bc	63	56	0.03	
Holyhead	29.67	59	SSW	5	c	29.84	+114	59	55	0	SW	5	b	63	55	0.01	
Liverpool (Bidston)	29.70	61	SW	3	c	29.81	+112	58	55	0	SW	3	o	66	56	0.03	
Valencia	29.55	59	SW	7	cp	29.84	+127	55	52	-5	SW	5	cp	61	53	0.29	
Roche's Point	29.65	59	SW	6	r	29.87	+121	58	55	0	WSW	5	b	63	53	0.18	
Pembroke	29.75	58	SW	5	r	29.93	+119	58	56	0	WSW	6	bc	60	55	0.11	
Scilly	29.82	61	SW	6	c	30.01	+120	60	59	0	SW	6	c	65	56	-	
Prawle Point	29.41	59	SSW	5	c	30.07	+118	58	56	0	SW	5	bc	61	55	-	
Hurst Castle	29.95	64	SW	4	c	30.09	+118	60	59	0	W	5	c	64	58	-	
Dover	29.99	62	SW	3	b	30.11	+121	63	59	+1	WSW	5	b	65	58	0.03	
London	29.44	65	SSW	5		30.07	+117	62	59	+1	SW	3	bc	69	54	0.06	
Oxford	29.89	61	S	6	b	30.02	+116	62	58	+2	SSW	4	bc	68	53	-	
Cambridge	29.94	65	S	2	b	30.03	+117	63	59	+1	SW	2	b	70	52	-	
Yarmouth	29.89	68	SW	5	b	30.03	+118	61	58	+2	WSW	5	bc	70	56	0.19	
The Helder	29.98	63	SW	3	bc	30.02	+112	62	60	+1	SW	5	bc	68	59	-	
Cape Gris Nez	30.02	63	SW	4	c	30.12	+119	60	59	0	SW	5	b	66	59	-	
Jersey	30.00	64	SW	3	op	30.16	+116	60	58	-1	SW	4	b	67	57	0.02	
Brest	29.99	60	W	5	c	30.15	+118	59	59	0	W	4	b	61	57	0.12	
Lorient	30.04	63	WSW	5	o	30.12	+114	60	59	+1	W	3	c	66	59	-	
Rocheport	30.10	70	NW	3	b	30.16	+108	66	64	+2	NW	1	b	79	57	-	
Biarritz	30.10	73	N	3	b	30.17	+106	68	67	-4	W	1	b	88	59	-	
Corunna																	
Brussels						30.16	+117	65	59	+4	WSW	4	bc	74	63	-	
Charleville						30.28	+119	64	59	+3	SW	4	o	73	59	-	
Paris	30.07	73	SSW	4	c	30.21	+113	66	59	+3	Z	0	c			-	
Lyons	30.14	74	NE	1	b	30.26	+109	68	62	+5	SSW	1	b	77	58	-	
Toulon	30.06	75	W	5	c	30.16	+112	70	59	+4	E	3	b	82	63	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.49	55	SW	2	u	28.54	+111	53	51	0	SW	4	o	60	49	0.32	

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

	Bar.	Dry.	Wet.	Wind	Wet.	Sea.		Bar.	Dry.	Wet.	Wind	Wet.	Sea.		
Skudesnaes	29.80	63	59	SSE	8	c	5	Valencia	29.55	59	59	SSW	7	cp	6
Sumburgh Head	29.53	59	56	SSE	4	m	5	Scilly	29.82	65	62	SW	7	c	6
Stornoway	29.45	60	56	S	6	o	6	Dover	29.98	64	61	SW	5	bc	4
Aberdeen	29.59	64	58	S	4	bc	1	London	29.92	68	61	S	5	c	*
Shields	29.69	65	59	W	5	o	2	Yarmouth	29.89	69	60	WSW	4	bc	3
Ardrossan	29.57	59	58	SSW	5	r	4	Jersey	30.01	65	61	SW	4	o	4
Mullaghmore	29.46	62	55	SW	7	c	6	Rocheport	30.06	75	68	SW	5	b	2
Holyhead	29.70	61	58	SSW	6	c	5								

A fresh fall of the barometer has set in at Valencia, but in other places the mercury is rising slowly. The SWth wind has freshened generally and blows strongly at Valencia and Scilly. The weather is fair in most 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 (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

THURSDAY, 20TH JULY.



1882

ISSUED BY THE
METEOROLOGICAL OFFICE

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ROBERT H. SCOTT
(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on THURSDAY, 20th JULY, 1882



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.

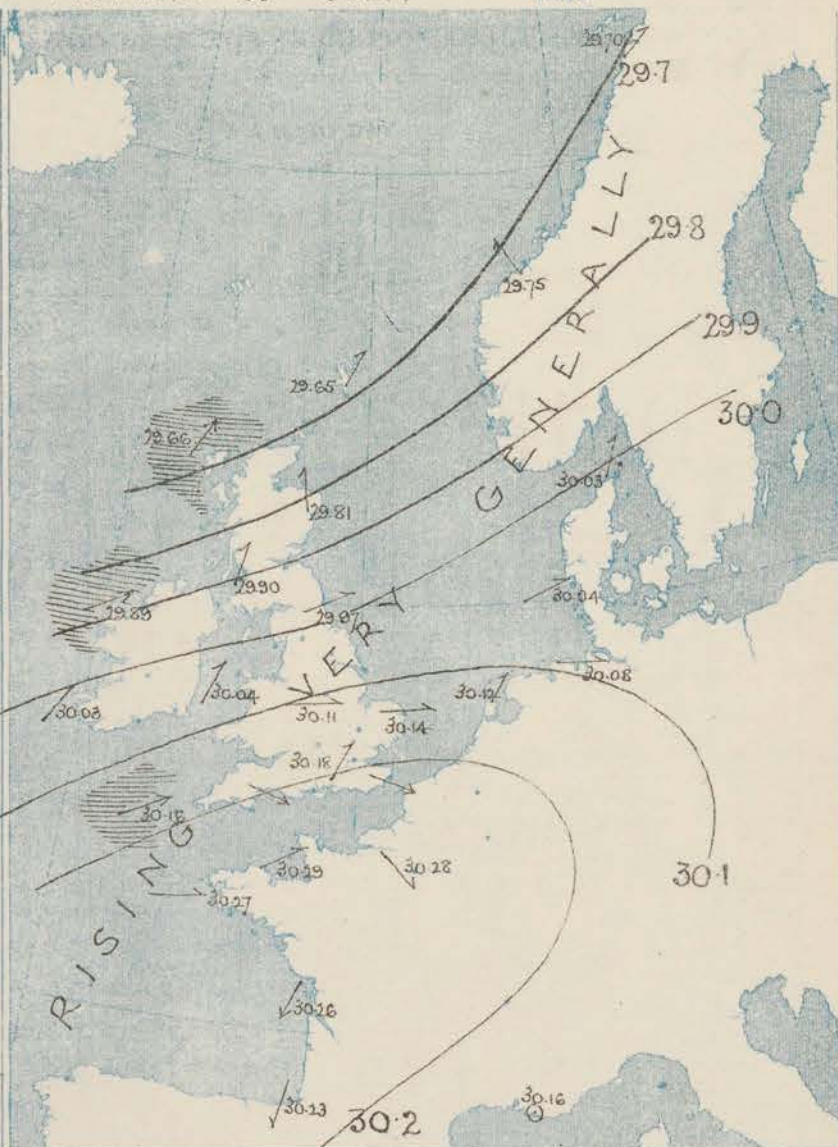
Sea Disturbance; where considerable, is shown by shading round the coast; thus  = Rough;  = High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings. Ins.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

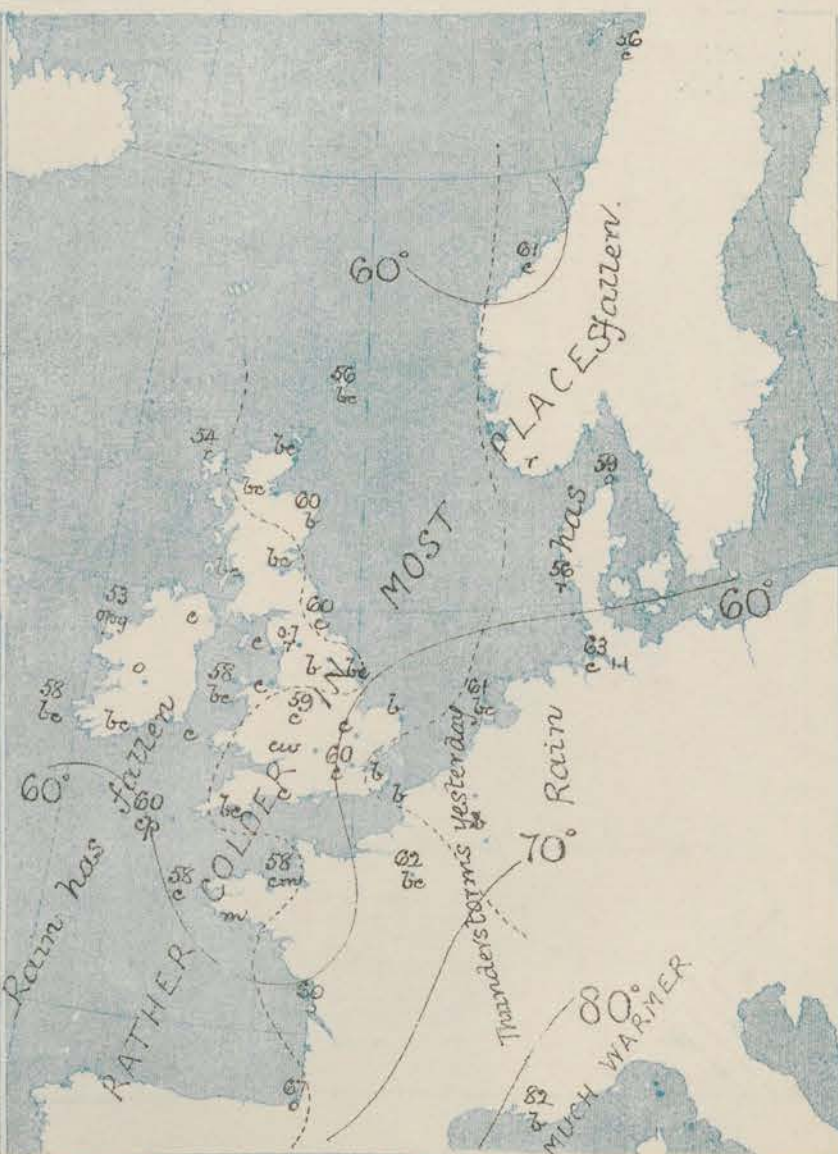
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.40
Hurst Castle	62.6	?
Dover	62.7	2.03
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...THURSDAY...20th JULY...1882...at 8 a.m.

The barometer is falling a little over Denmark and the S. of Norway, but rising in all other parts of Western Europe, and a large anticyclone now lies over France and the Channel, while depressions are apparently travelling in a NE^{ly} direction outside our extreme NW coast. In France the winds are somewhat variable in direction, but in our Islands moderate or fresh SW^{ly} breezes are general. Fair weather prevails at all but the extreme NW stations, where cloud and showers are reported. Slight showers fell yesterday in the western districts. Temperature has fallen slightly generally, and now ranges from 62° at Dover to 53° at Mullaghmore. A maximum of 70° was recorded at York, Yarmouth and in London yesterday, while at Cambridge the thermometer rose to 72°. The sea is rather rough at Stornoway, Mullaghmore and Scilly, moderate or slight elsewhere.

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

1 SCOTLAND NORTH	SW ^{ly} and S ^{ly} winds, fresh and strong; cloudy, some showers.
2 SCOTLAND EAST	SW ^{ly} winds, moderate, fair generally.
3 ENGLAND N.E.	D ^{ry} -----D ^{ry} -----D ^{ry} -----D ^{ry} -----D ^{ry}
4 ENGLAND EAST	Same as N ^o 5
5 MIDLAND COUNTIES	Same as N ^o 5
6 ENGLAND SOUTH	SW ^{ly} and W ^{ly} winds, moderate, fair and warm.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	Same as N ^{os} 1 and 2
7 ENGLAND N.W.	Same as N ^{os} 1 and 2
8 ENGLAND S.W.	Same as N ^o 5
9 IRELAND NORTH	Same as N ^o 10
10 IRELAND SOUTH	SW ^{ly} winds, moderate and fresh; fine in E st , cloudy and showery in W ^{est} districts.

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 20th JULY 1882

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.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 19).	Force (0 to 19).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 19).	Force (0 to 19).		Max.	Min.	
† Haparanda	29.70	57	SW	6	b		29.75		58	54		SW	4	b	*	73	55	0.20
† Hernösand	29.82	66	ESE	4	b		29.89	+ .07	65	57	+ 4	E	2	b	*	74	57	—
† Stockholm	30.05	65	WSW	2	b		30.10	+ .12	67	59	+ 2	WSW	2	b	*	75	61	—
† Wisby	30.02	66	SW	4	b		30.08	+ .08	65	62	+ 1	W	2	b	*	71	61	—
† Bodö	29.59	54	WNW	2	r		29.70	+ .11	56	53	+ 2	SW	4	c	3	66	52	0.39
† Christiansund	29.68	60	ESE	2	bc		29.75	+ .10	61	54	+ 1	SSE	1	c	1	63	52	0.24
† Skudesnaes																		
† Oxö (Xiansund)	29.98	59	SW	6	c		29.93	+ .05	59	58	— 3	S	6	r	3	63	57	0.04
† Skagen (The Skaw)	30.04	60	SW	4	c		30.03	+ .09	59	57	— 3	SSW	4	o	3	70	57	0.28
† Fanö	30.11	59	SSW	2	bc		30.04	+ .03	56	55	— 10	WSW	2	r	3	70	55	?
† Cuxhaven	30.22	?	WNW	2	bc		30.08	+ .02	63	62	— 2	W	2	c	*	77	59	1.10
† Sumburgh Head	29.58	56	SW	3	c		29.65	+ .17	56	54	— 0	SW	3	bc	4	60	50	—
† Stornoway	29.57	58	SSW	6	xy		29.66	+ .28	54	53	— 3	SW	5	r	5	60	52	0.14
† Wick	29.63	60	SW	5	bc		29.71	+ .23	57	54	— 1	SW	5	bc	4	64	54	—
† Nairn	29.65	60	SW	3	o		29.73	+ .25	59	54	— 0	SSW	5	bc	3	66	54	—
† Aberdeen	29.73	62	S	4	b		29.81	+ .23	60	54	+ 2	S	4	b	2	66	49	—
† Leith	29.77	60	WSW	2	bc		29.85	+ .21	56	53	— 14	WSW	1	bc	*	66	52	0.22
† Shields	29.86	64	WSW	5	bc		29.97	+ .20	60	56	— 1	WSW	4	c	2	67	51	—
† Spurn Head	29.94	65	SSW	3	c		30.05	+ .14	58	55	— 3	SW	4	bc	2	70	53	0.14
† York	29.93	63	SW	3	c		30.05	+ .18	59	54	— 2	WSW	4	b	*	68	49	—
† Loughborough	29.99	64	WSW	4	c		30.11	+ .16	59	54	— 2	W	4	c	*	69	51	—
† Ardrossan	29.78	58	SSW	4	c		29.90	+ .22	57	56	— 0	SSW	4	bc	3	60	53	0.06
† Mullaghmore	29.77	58	WSW	6	c		29.89	+ .24	58	51	— 4	WSW	5	xy	5	62	50	0.09
† Donaghadee	29.82	59	SW	2	c		29.96	+ .24	55	53	— 4	WSW	4	a	2	65	49	0.09
† Parsonstown	29.89	60	SW	3	c		30.02	+ .21	54	51	— 3	SW	2	o	*	62	49	0.08
† Barrow-in-Furness	29.89	61	SW	6	bc		29.99	+ .20	57	53	— 1	SW	4	c	5	62	55	—
† Holyhead	29.92	58	SW	5	c		30.04	+ .20	58	55	— 1	SW	4	bc	3	62	53	0.02
† Liverpool (Bidston)	29.91	62	SW	5	b		30.04	+ .20	57	54	— 1	SW	3	c	3	65	52	0.08
† Valencia	29.95	59	WSW	4	bc		30.08	+ .19	58	56	+ 3	SW	4	bc	4	63	53	0.03
† Roche's Point	29.97	57	WSW	5	bc		30.06	+ .19	57	52	— 1	SW	4	bc	4	62	51	0.02
† Pembroke	29.98	59	WSW	4	bc		30.10	+ .17	57	55	— 1	WSW	4	c	4	61	54	0.06
† Scilly	30.07	62	WSW	6	c		30.16	+ .15	60	58	— 0	WSW	5	cp	5	64	55	0.02
† Prawle Point	30.12	58	SSW	5	bc		30.21	+ .14	57	56	— 1	SW	4	bc	4	62	54	—
† Hurst Castle	30.12	60	W	5	c		30.21	+ .12	61	56	+ 1	WNW	4	c	4	64	56	—
† Dover	30.12	63	SW	3	bc		30.21	+ .10	62	58	— 1	SW	3	b	2	66	55	0.01
† London	30.10	62	SSW	3	c		30.18	+ .11	60	55	— 2	SW	2	c	*	70	50	—
† Oxford	30.07	59	S	2	c		30.16	+ .14	58	56	— 4	SW	1	car	*	69	57	—
† Cambridge	30.06	65	SW	2	c		30.15	+ .12	61	56	— 2	SW	2	c	*	72	47	—
† Yarmouth	30.06	67	SSW	4	bc		30.14	+ .11	61	55	— 1	W	3	b	2	70	52	—
† The Helder	30.11	62	SW	1	c		30.12	+ .10	61	58	— 1	WSW	3	bc	3	68	57	0.08
† Cape Gris Nez	30.05	62	SW	4	o		30.22	+ .10	59	58	— 1	WNW	5	b	3	66	57	0.16
† Jersey	30.07	60	WNW	1	o		30.29	+ .13	58	57	— 2	WSW	3	cm	3	65	55	—
† Brest	30.19	62	WSW	3	c		30.27	+ .12	58	55	— 1	W	4	c	4	7	55	—
† Lorient	30.15	59	WSW	3	o		30.23	+ .11	58	57	— 2	NN	1	m	2	64	52	0.16
† Rochefort	30.10	68	NN	7	b		30.26	+ .10	60	58	— 6	NE	5	o	2	75	54	—
† Biarritz	30.13	71	W	5	bc		30.23	+ .06	67	62	— 1	NNE	3	o	4	77	61	0.04
† Corunna	*	*	*	*	*											*	*	*
† Brussels	*	*	*	*	*											*	*	*
† Charleville	30.15	76	S	4	b		30.21	— .07	63	57	— 1	SE	1	b	*	81	57	0.43
† Paris	?	77	SW	1	c		30.28	+ .07	62	57	— 4	NN	3	bc	*	*	*	—
† Lyons	30.13	84	E	2	b		30.19	— .07	69	64	+ 1	N	1	b	*	87	62	—
† Toulon	30.15	84	SE	1	b		30.16	— .00	82	66	+ 12	Z	0	b	0	84	70	—

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

Hawes Junction	28.68	56	WSW	4	bc		28.78	+ .10	57	49	— 2	WSW	3	r	*	58	48	0.65
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.83	62	56	S	8	r	6	Valencia ...	29.90	60	55	SSW	5	oym	5
Sumburgh Head	29.53	57	54	SW	4	c	4	Scilly ...	30.05	62	59	SW	5	c	6
Stornoway ...	29.51	60	54	SW	6	c	6	Dover ..	30.14	65	60	SW	5	b	4
Aberdeen ...	29.68	65	59	SSW	5	bc	3	London ...	30.09	68	60	SW	3	c	*
Shields ...	29.88	66	59	WSW	7	bc	2	Yarmouth ..	30.05	69	60	SW	4	b	3
Ardrossan ...	29.75	59	58	SSW	4	c	3	Jersey ...	30.17	62	60	SE	1	o	2
Mullaghmore ...	29.74	59	55	W	6	cp	6	Rochefort ...	30.13	76	70	NW	4	b	2
Holyhead ...	29.91	62	58	SW	5	b	4	Ben Nevis (4405 ft.)	25.13	37	37	WSW	8	f	max 140 min 35 rain 105

The barometer has remained steady at Valencia since noon, but continues to rise elsewhere. Fresh or strong SW winds prevail generally and the weather is unchanged.

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

FRIDAY, 21ST JULY.

1882

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^o D^o Bookpost 5^s 1^d

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on FRIDAY, 21ST JULY, 1882

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.

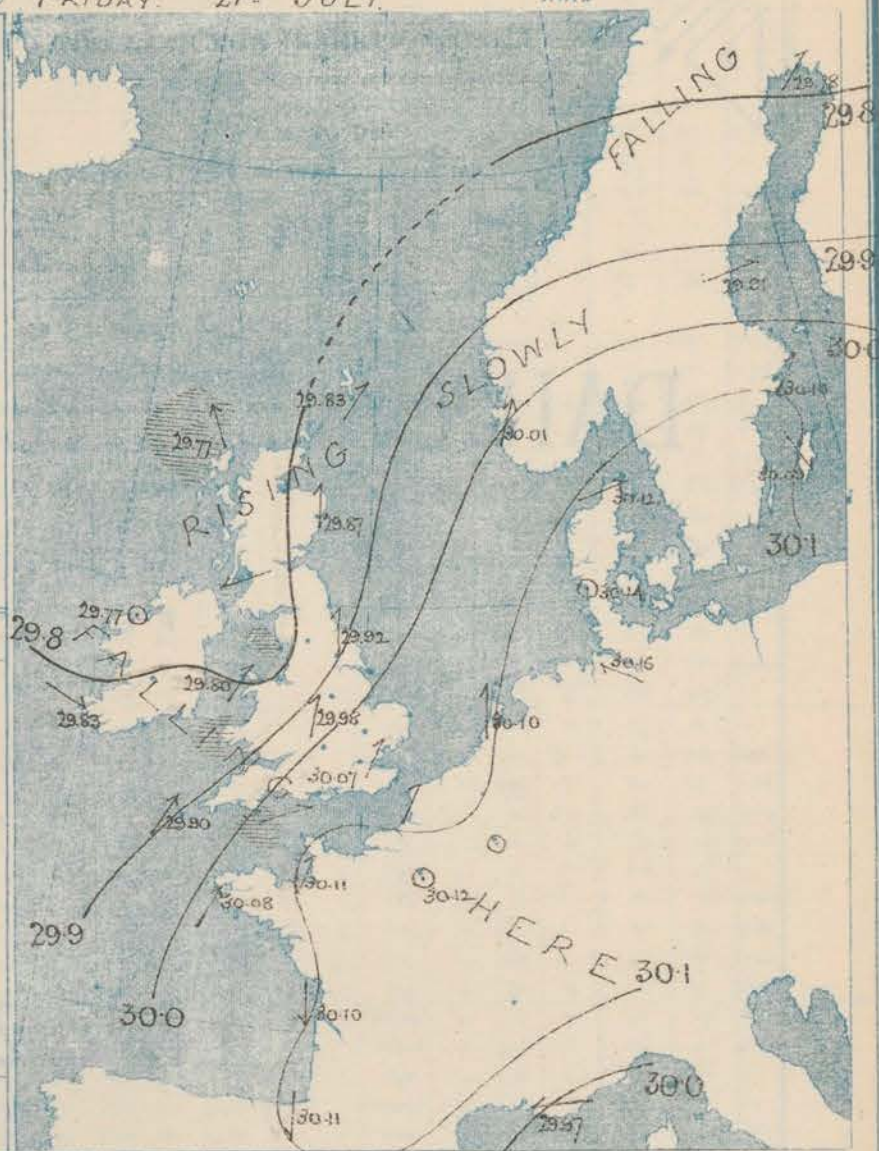
Sea Disturbance, where considerable, is shown by shading round the coast; thus  Rough;  High.

MEAN* HEIGHT of the BAROMETER.

for the month of July

Stations.	Mean Readings.
	Ins.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

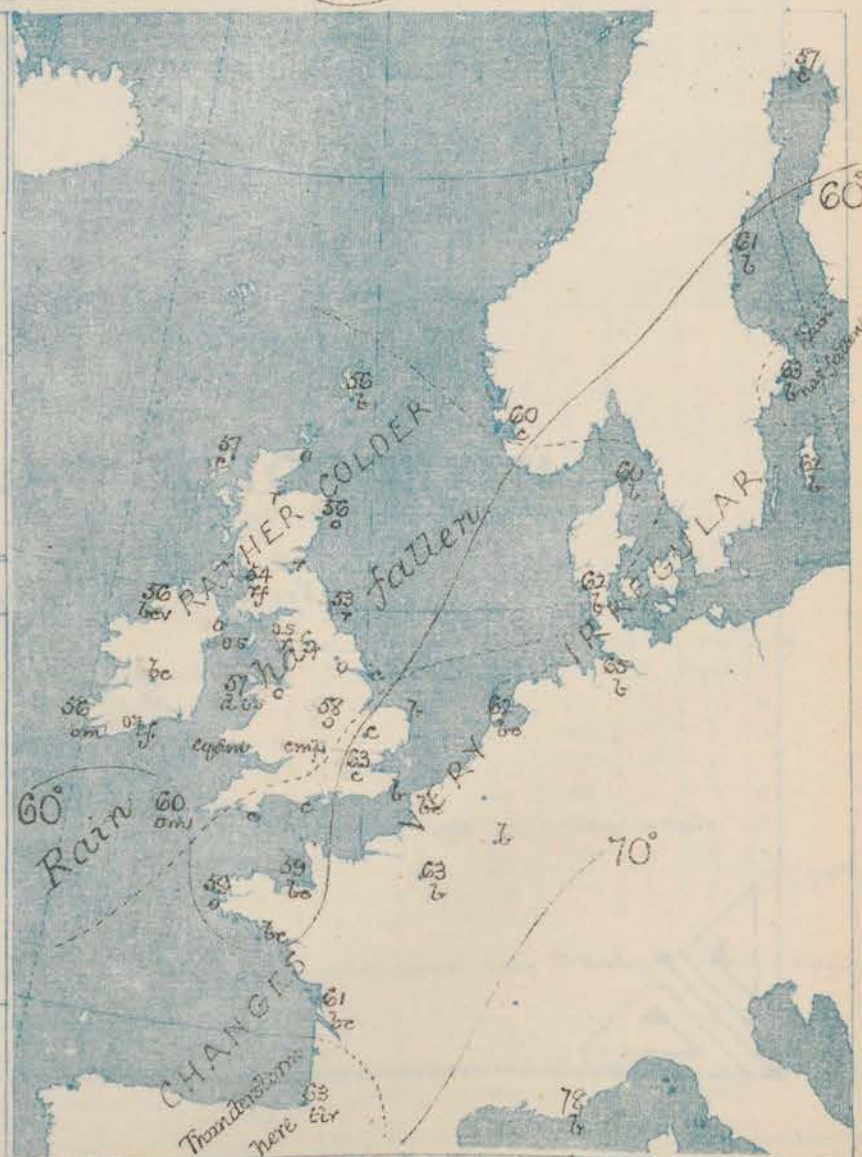
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
		ins.
Sunbury 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	62.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 FRIDAY 21st JULY 1882 at 8 a.m.

The anticyclone which lay over France yesterday seems to be breathing up, and a new series of depression is appearing on our Western Coasts. The barometer is consequently falling at all but most N^o stations, and conditions are again becoming very unsettled. Sth breezes of moderate strength prevail over the greater part of the United Kingdom, but in the Sth of France, the wind is Nth. The weather is at present fine over France and the extreme SE of England, and a temporary clearance has also occurred in the W. of Ireland, but in other districts the sky has become very cloudy, and steady rain is falling over the S. of Scotland and NE of England. In the course of the past 24 hours rain has fallen on all our Wth and Nth Coast. Temperature has fallen in the N, changed irregularly elsewhere, and readings now range from 63° in London to 52° at Naim and Leith. The highest maxima yesterday were 71° at Cambridge and Yarmouth, and 72° in London. The sea is rather rough at Stornoway, Pembroke and Pwll Point, moderate or slight elsewhere.

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

1 SCOTLAND NORTH

Sth and SEth winds, moderate; cloudy, some rain.

1 SCOTLAND EAST

Sth winds, moderate; unsettled, rain at times

2 ENGLAND N.E.

D'-----D'-----D'-----D'-----D'

3 ENGLAND EAST

Same as N^o 5

4 MIDLAND COUNTIES

Same as N^o 5

5 ENGLAND SOUTH

SWth and Sth winds, moderate, weather becoming showery and unsettled.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Same as N^{os} 1 and 2

7 ENGLAND N.W.

SWth and Sth winds, moderate or fresh; cloudy and showery.

8 ENGLAND S.W.

SWth winds, fresh or strong; cloudy, showery

9 IRELAND NORTH

SWth or Sth winds, moderate or fresh; cloudy, showery

10 IRELAND SOUTH

D'-----D'-----D'-----D'-----D'

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 21st JULY 1882

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	29.84	50	SW	2	c	29.78	+ .03	57	54	—	1	SW	5	c	*	64	54	—	
Hernösand	29.84	56	SSW	2	r	29.91	+ .02	61	55	—	4	WSW	2	b	*	68	58	—	
Stockholm	29.84	58	SW	2	b	30.10	—	63	57	—	4	SW	4	b	*	73	55	0.04	
Wisby	30.03	61	WNW	4	b	30.09	+ .01	62	58	—	3	NW	2	b	*	84	61	—	
Bodö	29.75	57	SW	2	b	29.78	+ .03	57	54	+	1	SSE	2	b	1	57	52	—	
Christiansund	29.76	60	ESE	1	b	29.76	+ .01	62	54	+	1	SW	3	b	3	66	54	0.08	
Skudesnaes	29.95	59	SSW	6	o	30.01	+ .04	60	56	0	—	SSW	6	c	4	61	59	—	
Oxö (Xuanö)	30.00	58	SW	4	b	30.06	+ .13	63	59	+	4	SW	4	b	3	63	55	0.43	
Skagen (The Skaw)	30.08	59	SW	3	b	30.12	+ .09	60	57	+	1	WSW	4	b	2	66	52	0.20	
Fanö	30.16	59	WSW	4	c	30.14	+ .10	62	57	+	6	—	0	b	*	66	54	0.04	
Cuxhaven	30.22	?	NW	1	b	30.16	+ .08	65	62	+	2	ESE	2	b	*	?	54	—	
†Sunburch Head	29.72	55	WSW	4	o	29.83	+ .18	56	53	0	—	SW	2	b	3	61	51	0.02	
†Stornoway	29.76	57	SSW	4	r	29.77	+ .11	57	53	+	3	SSE	5	c	5	57	51	0.35	
Wick	29.80	58	SW	2	c	29.83	+ .12	55	53	—	2	SW	3	o	2	63	49	—	
Narvik	29.83	60	SW	1	c	29.83	+ .10	52	50	—	7	—	0	r	1	65	45	0.13	
†Aberdeen	29.85	62	SSW	4	b	29.87	+ .06	56	54	—	4	S	4	o	2	66	47	—	
Leith	29.94	58	WSW	3	b	29.85	— .09	52	52	—	4	S	1	r	*	64	51	0.21	
†Shields	29.99	64	WSW	4	c	29.92	— .05	53	52	—	7	S	1	r	2	66	51	0.15	
Spurn Head	30.06	63	SSW	3	b	29.99	— .05	59	56	+	1	S	4	c	2	68	56	0.01	
York	30.06	61	SW	1	c	29.96	— .09	57	55	—	2	S	2	o	*	65	52	—	
Loughborough	30.20	62	W	2	o	29.98	— .13	58	54	—	1	SSW	3	o	*	67	53	0.01	
†Ardrossan	29.95	57	SSW	3	b	29.76	— .14	54	54	—	3	ENE	2	r	1	58	51	0.39	
†Mullaghmore	29.93	57	WNW	2	o	29.77	— .12	50	54	+	3	—	0	b	1	62	52	0.20	
Donaghadee	29.98	59	SSW	3	b	29.74	— .22	57	57	+	2	SW	4	o	2	65	52	0.53	
Parsonstown	29.97	55	SSE	1	r	29.81	— .21	56	53	+	2	W	1	b	*	63	52	0.33	
Barrow-in-Furness	30.03	60	SW	4	b	29.74	— .15	55	55	—	2	ESE	6	r	5	62	54	0.46	
†Holyhead	30.04	57	SW	5	c	29.80	— .24	57	56	—	1	SW	4	d	3	61	54	0.55	
Liverpool (Biston)	30.05	61	SW	3	b	29.86	— .18	55	54	—	2	SE	3	o	2	65	52	0.15	
†Valencia	29.76	58	SSW	7	o	29.83	— .07	56	56	—	2	WNW	1	om	1	59	54	0.48	
Roche's Point	29.89	58	SSW	6	r	29.82	— .07	55	54	—	2	S	3	f	4	61	52	0.68	
Pembroke	30.08	58	SW	4	c	29.85	— .25	58	58	+	1	SSW	5	lgm	5	61	56	0.31	
†Scilly	30.10	61	SSW	5	c	29.90	— .26	60	59	0	—	SW	5	om	4	65	57	0.06	
Prawle Point	30.17	58	SW	4	b	30.02	— .19	57	56	0	—	S	5	c	5	63	54	—	
Hurst Castle	30.19	61	WNW	4	b	30.07	— .14	59	55	—	2	WSW	4	c	4	66	55	—	
†Dover	30.18	61	SW	4	b	30.09	— .12	62	57	0	—	WSW	3	b	2	67	54	—	
†London	30.14	67	SW	3	b	30.07	— .11	63	57	+	3	SW	2	c	*	72	50	—	
Oxford	30.13	58	S	2	c	30.02	— .14	58	55	0	—	S	3	cmp	*	68	51	0.02	
Cambridge	30.11	61	W	1	c	30.02	— .13	60	56	—	1	S	1	c	*	71	48	—	
†Yarmouth	30.13	67	S	2	b	30.06	— .08	62	58	+	1	SSW	2	b	2	71	54	—	
The Helder	30.17	62	SW	1	b	30.10	— .02	62	57	+	1	S	1	b	1	68	54	—	
Cape Gris Nez	30.21	59	W	4	c	30.08	— .14	59	57	0	—	SW	1	b	1	64	52	—	
†Jersey	30.22	63	NW	1	b	30.11	— .18	59	57	+	1	SW	3	b	3	65	53	—	
Brest	30.23	61	WSW	3	b	30.08	— .19	59	57	+	1	SW	5	o	4	63	57	—	
Lorient	? 30.18	63	WNW	4	b	? 30.07	— .16	60	58	+	2	WNW	4	b	2	66	55	—	
†Rocheport	30.15	68	NW	7	b	30.10	— .16	61	57	+	1	N	5	b	2	73	54	—	
Biarritz	30.20	67	N	4	o	30.11	— .12	63	61	—	4	N	4	r	3	70	57	0.08	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Charleville	? 30.17	70	NE	4	b	? 30.08	— .13	63	56	0	—	NE	1	b	*	75	55	—	
Paris	30.19	69	NNW	4	b	30.12	— .16	63	57	—	1	—	0	b	*	*	*	—	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Toulon	30.01	65	W	4	b	29.97	— .19	70	63	—	4	E	4	b	1	95	73	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.82	54	W	2	b	28.67	— .11	50	49	—	1	SSW	2	r	*	57	47	0.39	

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

Hawes Junction	28.82	54	W	2	b	28.67	— .11	50	49	—	1	SSW	2	r	*	57	47	0.39
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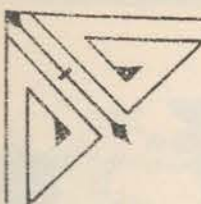
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.								
Skudeanaes ...	29.92	61	57	SSW	6	c	5	Valencia ...	29.96	56	56	S	6	rg	6						
Sumburch Head	29.68	54	54	WSW	4	b	4	Scilly ...	30.15	63	59	SW	5	c	5						
Stornoway ...	29.71	57	55	SW	5	o	5	Dover ..	30.20	65	59	SW	5	b	3						
Aberdeen ...	29.81	65	56	SSW	6	b	2	London ...	30.16	70	61	SSW	5	c	*						
Shields ...	29.97	64	56	WSW	5	c	2	Yarmouth ...	30.14	68	58	W	3	b	2						
Ardrossan ...	29.92	56	56	SSW	4	c	3	Jersey ...	30.26	61	56	WSW	2	c	2						
Mullaghmore ...	29.92	61	56	W	5	b	4	Rocheport ...	20.20	72	64	NW	5	b	2						
Holyhead ...	30.06	61	56	SW	5	b	4	BEN NEVIS 4406 ft.						max	min	RAIN					
								25.30		37		37		5W		7	f	40	36	0.61	
								20 th													

The barometer has begun to fall at Valencia and Rocheport, and the wind at the former station has backed to S. with gloomy weather. Elsewhere there is little change.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 22ND JULY.

1882

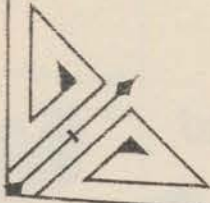
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116, Victoria St. LONDON.

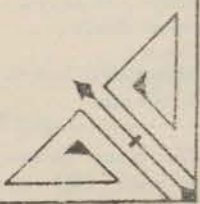
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ROBERT H. SCOTT

(SECRETARY.)



Printed by T. D. B. at the 'Printers' Office, 11, St. James's Street, London, W.

WEATHER CHARTS

for 8 a.m. on SATURDAY 22ND JULY.

1882

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.

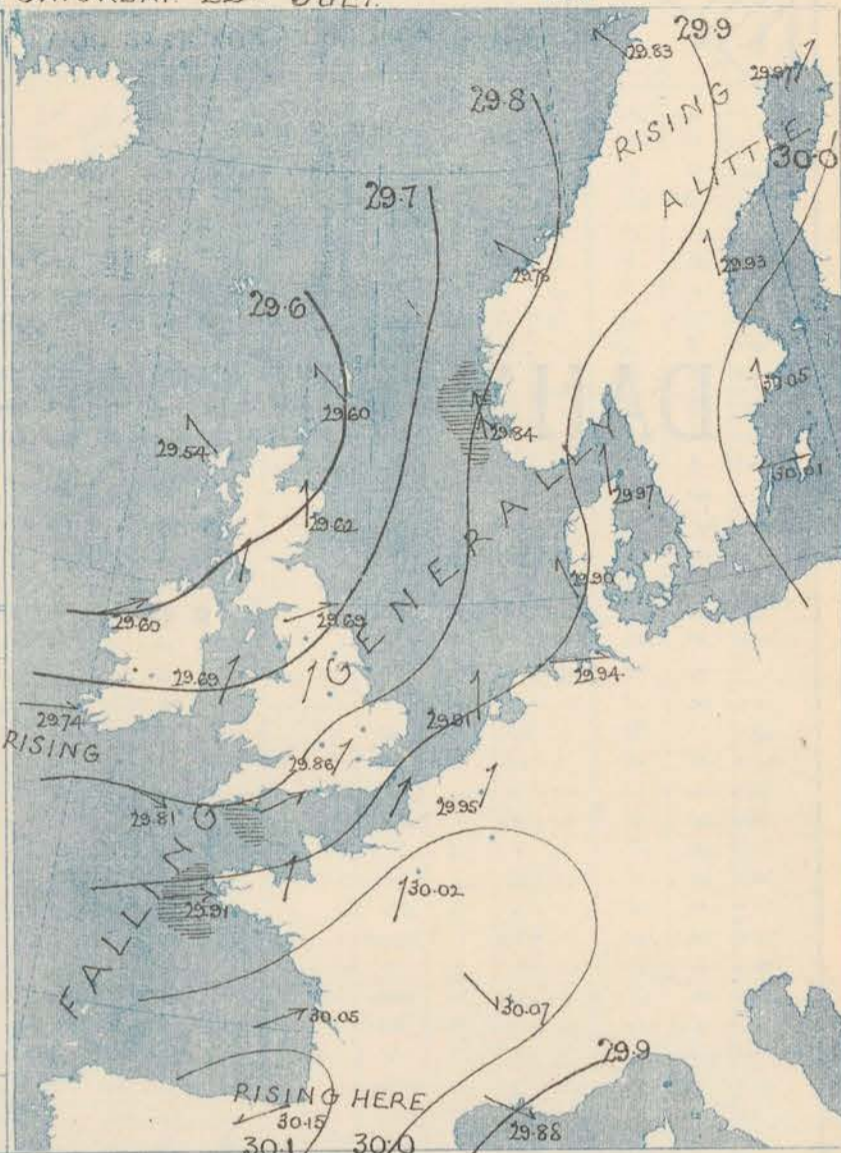
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
⊙ = dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

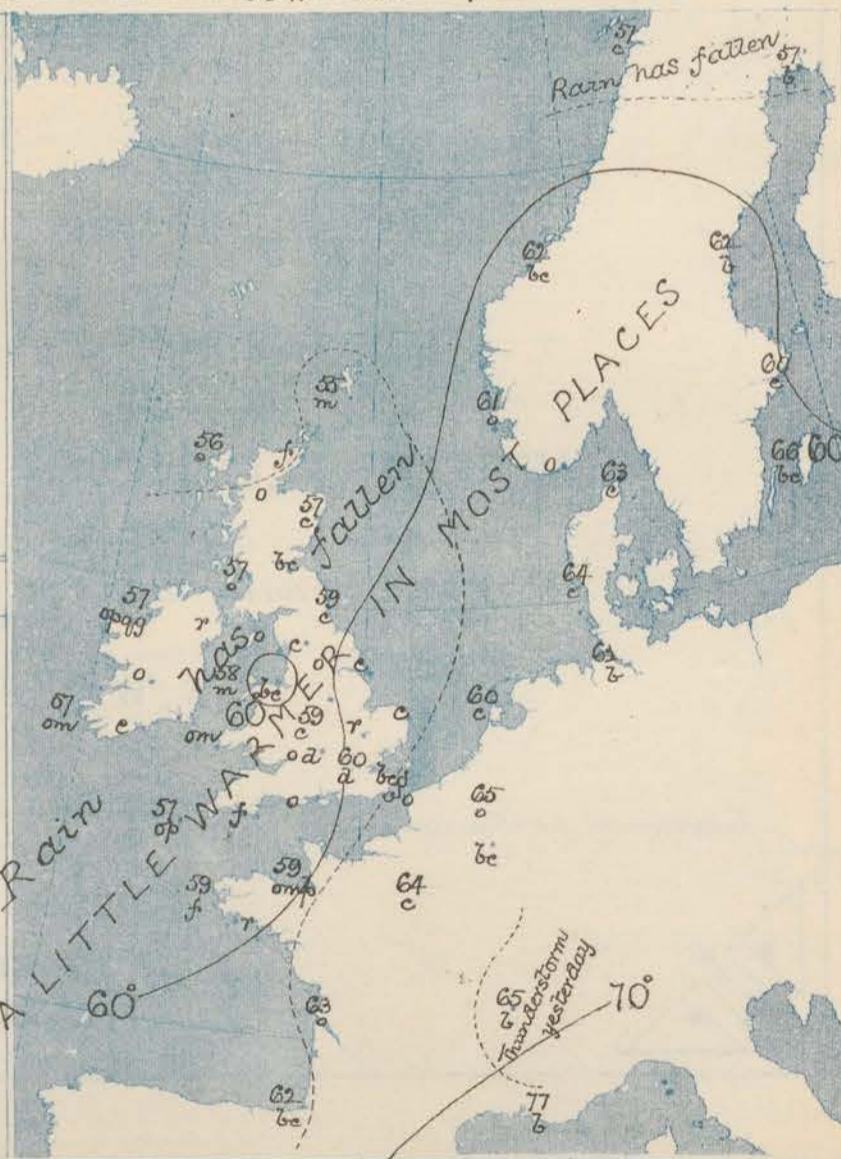
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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
	°	ins.
Sunderburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 22nd JULY 1882 at 8 a.m.

The barometer is rising a little over the N. of Scandinavia and SW of France but falling in all other places, and a large shallow depression lies over our NW coasts, while small subsidiary disturbances are found in various parts of England. In Ireland the wind in the rear of the larger system has veered to W but over England SW^y breezes continue while in the N of Scotland SE^y breezes are reported. The weather is more or less cloudy in all parts of our Islands with rain at Donaghadee and drizzle over Central England. In the course of the past 24 hours slight rain has fallen very generally. Temperature has risen slightly at the majority of stations and now ranges from 63° at Yarmouth to 55° in the Shetlands. A maximum of 71° was reached in London and at Cambridge yesterday, and at Loughboro' the thermometer rose to 70°, but in the N^e and W^e districts it did not exceed 65°. The sea is rather rough at Pwll Point, moderate or smooth elsewhere.

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

1 SCOTLAND NORTH	SE ^y or S ^y winds, moderate; cloudy, slight rain.
2 SCOTLAND EAST	S ^y and SW ^y winds, light or moderate; unsettled, showery.
3 ENGLAND NE	D°-----D°-----D°-----D°-----D°
4 ENGLAND EAST	Same as No 5
5 MIDLAND COUNTIES	Same as No 5
6 ENGLAND SOUTH	Wind generally SW ^y , moderate; cloudy, some rain.

DISTRICTS

FORECASTS

6 SCOTLAND WEST	SW ^y winds, moderate, cloudy, some rain.
7 ENGLAND N.W.	D°-----D°-----D°-----D°-----D°
8 ENGLAND S.W.	N ^y to SW ^y winds, moderate and fresh; cloudy, showery.
9 IRELAND NORTH	SW ^y winds, moderate or fresh; cloudy, rainy.
10 IRELAND SOUTH	N ^y to SW ^y winds, moderate; fair to unsettled and rainy.

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 22ND JULY

1882

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 8).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.90	55	SW	2	b	29.97	+ .19	57	49	0	SW	2	b	*	59	52	0.16		
Hernösand	29.94	58	Z	0	b	29.93	+ .02	62	57	+ 1	S	2	b	*	79	52	—		
Stockholm	30.08	61	SSW	2	b	30.05	— .05	69	60	+ 6	S	2	c	*	73	55	—		
Wisby	30.04	63	NW	2	bc	30.01	— .08	66	58	+ 4	E	2	bc	*	68	59	—		
Bodö	29.84	54	SW	6	r	29.83	+ .10	57	53	0	SE	2	c	1	59	52	0.04		
Christiansund	29.90	59	WSW	3	c	29.78	+ .02	62	57	0	ESE	2	bc	2	63	54	0.04		
†Skudesnaes	29.91	60	SSE	8	o	29.84	— .17	61	57	+ 1	SSE	8	o	5	63	?	—		
Oxö (Xiänsund)	30.01	60	SSE	2	c	29.92	— .14	60	58	— 3	ESE	1	o	2	64	57	—		
Skagen (The Skaw)	30.03	61	S	2	b	29.97	— .15	63	60	+ 3	SSE	2	c	1	70	57	—		
Fanö	29.99	63	SE	6	c	29.90	— .24	64	61	+ 2	SSE	4	c	*	68	59	—		
Cuxhaven	30.03	?	SE	3	b	29.94	— .22	62	61	— 3	W	3	b	*	58	57	—		
†Sumburgh Head	29.76	53	ENE	3	o	29.60	— .23	55	55	— 1	SE	2	m	3	61	49	0.02		
†Stornoway	29.68	56	E	2	o	29.34	— .23	56	55	— 1	SE	3	q	2	59	52	—		
Wick	29.69	56	S	2	o	29.57	— .26	58	57	+ 3	S	1	f	2	63	52	—		
Nairn	29.66	59	Z	0	o	29.56	— .27	55	53	+ 3	Z	0	o	1	61	50	0.05		
†Aberdeen	29.71	56	S	2	e	29.62	— .25	57	55	+ 1	S	2	c	1	58	50	0.04		
Leith	29.69	60	W	1	bc	29.62	— .23	58	55	+ 2	W	1	bc	*	64	51	0.08		
†Shields	29.71	60	SW	3	o	29.69	— .23	59	56	+ 6	WSW	2	c	2	64	51	0.23		
Spurn Head	29.84	65	SSW	3	bc	29.76	— .23	62	59	+ 3	SSW	4	c	2	68	59	—		
York	29.83	65	S	3	o	29.74	— .22	60	56	+ 3	SSW	2	c	+	65	55	0.08		
Loughborough	29.86	64	SSW	3	o	29.78	— .20	59	56	+ 1	WSW	3	c	*	70	55	0.13		
†Ardrossan	29.71	58	SSW	2	c	29.62	— .14	57	54	+ 3	SSW	3	o	2	60	52	0.04		
†Mullaghmore	29.71	57	WNW	2	o	29.60	— .17	57	54	+ 1	WSW	5	aggp	4	62	53	0.03		
Donaghadee	29.73	61	SSW	2	c	29.64	— .10	56	56	— 1	SW	3	r	1	64	53	0.02		
Parsonstown	29.73	64	WNW	1	c	29.69	— .12	56	53	0	W	1	o	*	66	53	0.03		
Barrow-in-Furness	29.77	59	SSW	3	c	29.69	— .15	57	54	+ 2	SW	4	o	4	61	54	0.05		
†Holyhead	29.79	58	SW	3	o	29.69	— .11	58	57	+ 1	SSW	3	m	2	62	55	0.01		
Liverpool (Bidston)	29.78	60	W	1	o	29.70	— .16	61	57	+ 6	SSW	1	bc	1	64	54	0.08		
†Valencia	29.76	58	SSW	4	o	29.74	— .09	57	54	+ 1	W	3	am	3	63	52	0.25		
Roche's Pt.	29.78	58	WSW	3	bc	29.74	— .08	57	54	+ 2	W	4	c	4	63	54	0.16		
Pembroke	29.83	58	WSW	2	c	29.71	— .14	58	58	0	WSW	3	m	3	60	56	0.10		
†Scilly	29.87	60	WSW	5	o	29.81	— .09	57	55	— 3	WNW	6	op	4	65	56	0.06		
Prawle Point	29.93	58	SSW	4	o	29.82	— .20	57	57	0	SSW	5	f	5	60	55	0.10		
Hurst Castle	29.96	59	SW	5	r	29.85	— .22	59	58	0	WSW	5	o	4	65	57	0.06		
†Dover	29.98	62	WSW	3	b	29.89	— .20	60	59	— 2	WSW	4	bcg	2	67	60	0.04		
†London	29.97	64	SSW	3	o	29.86	— .21	60	58	— 3	SW	1	d	*	71	58	—		
Oxford	29.90	59	S	4	c	29.83	— .19	58	57	0	S	4	od	*	64	57	0.01		
Cambridge	29.95	60	SW	2	c	29.82	— .20	60	58	0	SW	1	r	*	71	58	—		
†Yarmouth	29.95	64	S	4	b	29.84	— .22	63	60	+ 1	SSW	3	c	3	67	57	0.01		
The Helder	30.00	62	WSW	1	bc	29.91	— .19	60	58	— 2	S	3	c	2	66	52	—		
Cape Gris Nez	30.00	62	SW	3	b	29.92	— .16	61	59	— 2	SW	5	o	0	72	55	—		
†Jersey	30.02	61	W	3	op	29.92	— .19	59	59	0	SSW	4	omp	4	66	58	0.18		
Brest	30.01	60	W	4	o	29.91	— .17	59	59	0	W	5	f	5	63	57	0.08		
Lorient	30.05	62	WSW	5	m	29.91	— .16	60	59	0	WSW	5	r	4	66	55	—		
†Rochefort	30.10	65	NW	7	b	30.05	— .05	63	59	+ 2	WSW	5	o	2	70	55	—		
Biarritz	30.15	64	N	5	o	30.15	+ .04	62	59	— 1	ENE	3	bc	3	70	57	0.35		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.95	*	65	58	*	SSW	4	o	*	71	56	—		
Charleville	29.99	70	NW	4	c	30.03	— .05	68	54	— 5	NW	4	bcg	*	79	50	—		
Paris	30.01	73	NW	3	bc	30.02	— .10	64	59	+ 1	SSW	1	c	*	*	*	—		
Lyons	30.03	73	N	1	c	30.07	*	65	58	*	NW	1	b	*	77	60	0.32		
Toulon	29.95	77	Z	0	b	29.88	— .09	77	64	— 1	WNW	1	b	2	?	73	—		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.58	55	WSW	2	o	28.44	— .18	53	52	+ 3	SSW	2	c	*	57	49	0.69		

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.01	62	57	S	6	0	5	Valencia	29.82	62	57	WSW	3	c	4
Sumburgh Head	29.80	56	54	S	3	0	3	Scilly	29.90	65	60	SW	5	op	4
Stornoway	29.72	58	56	SSE	4	bc	4	Dover	30.04	66	60	SW	3	b	3
Aberdeen	29.78	56	54	SSE	4	p	2	London	29.99	68	61	S	3	bc	*
Shields	29.81	62	58	SW	5	o	2	Yarmouth	29.99	64	59	SSE	5	bc	4
Ardrossan	29.73	60	58	SSW	3	c	2	Jersey	30.08	65	61	S	2	c	2
Mullaghmore	29.76	61	58	NW	2	c	2	Rochefort	30.11	68	62	NN	5	b	2
Holyhead	29.82	60	58	SW	3	o	3	BEN NEVIS (4065 ft.) 25.29 27 37 SE 3 f						MAX 39 MIN 34 RAIN 0.21	

The fall of the barometer has now extended to the N. of Scotland, while in the S.W. the mercury has become fairly steady. The winds and weather are not materially changed.

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 23RD JULY.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY)

Printed by Thompson & Co. 22, Bedford St. London W.C.

WEATHER CHARTS

for 8 a.m. on SUNDAY 23RD JULY.



1882

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.

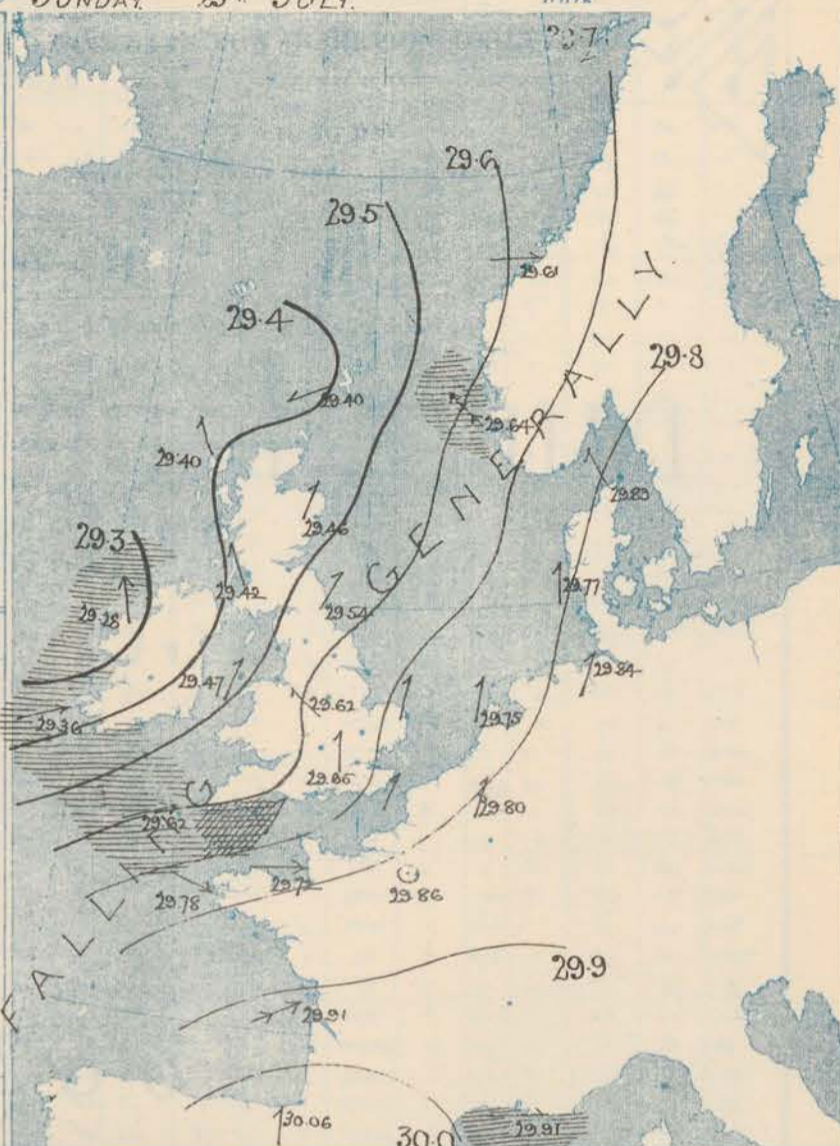
Sea Disturbance, where considerable, is shown by shading round the coast; thus  = Rough;  = High.

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	29.923
Greenacastle	29.917
Holyhead	29.946
Valencia	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.

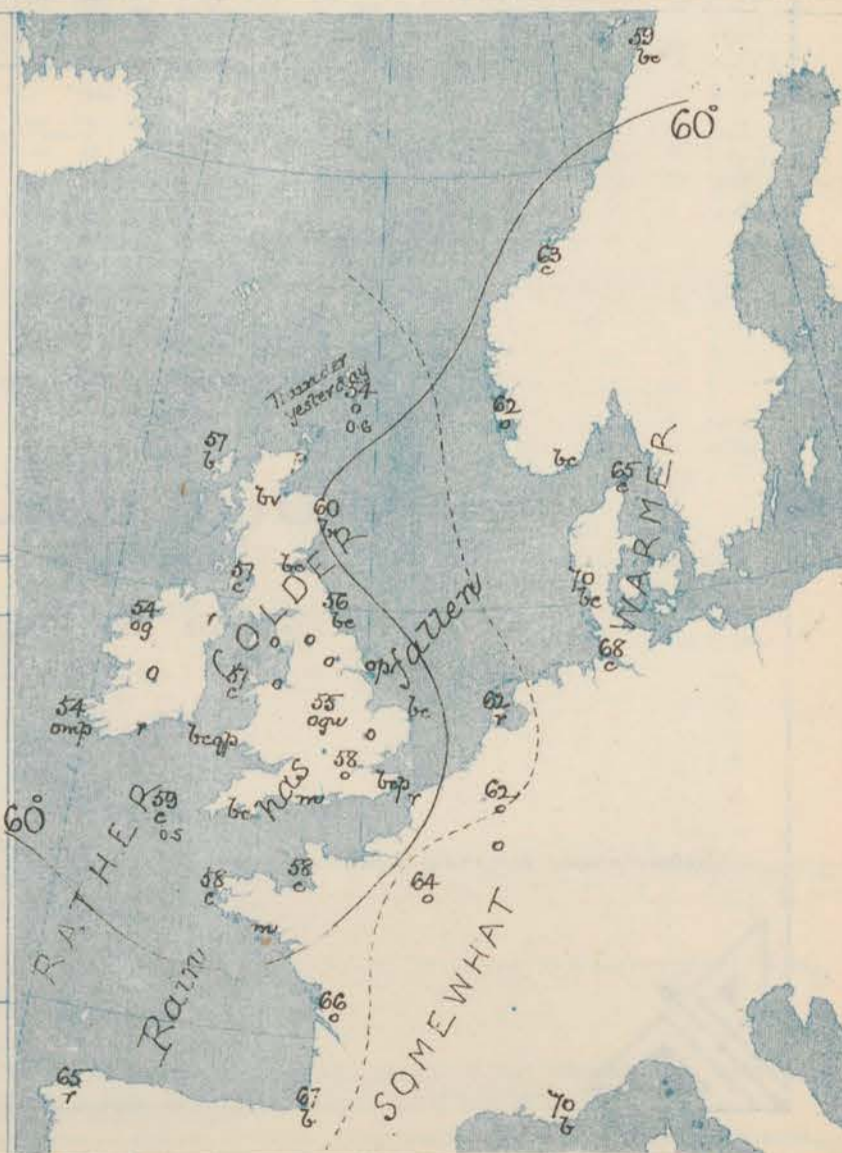
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	53.7	1.23
Sternoway	55.3	1.30
Aberdeen	58.3	2.17
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 Sunday 23rd JULY 1882 at 8 a.m.

The depression which lay off our N.W. coast yesterday is now passing away N.W., but a new disturbance has appeared off the W. of Ireland, and the barometer is consequently falling in all places. The winds are strong from W.S.W. on all our S.W. coasts, but moderate from S. in the E. and N. The weather is at present fine over Scotland, but more or less cloudy in all other districts with rain at several of the Irish stations. In the course of yesterday rain fell very generally, but in the S.E. of England the amount was very slight. Temperature has fallen and varies from 60° at Aberdeen to 54° in the W. of Ireland and at Lumburgh Head. The highest maxima yesterday were 69° at Oxford and Cambridge and 70° at Loughborough.

The sea is rough in the W. part of the Channel and off the W. of Ireland.

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

W
S
E
N
O
N

DISTRICTS

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

W
S
E
N
O
N

METEOROLOGICAL OBSERVATIONS FOR 23RD JULY 1882

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Baromet. at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 5).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force, (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.			
Haparanda														*					
Hernösand														*					
Stockholm														*					
Wisby														*					
Bodö	29.86	55	NNE	2	c	29.72	—	11	59	55	+	2	ENE	2	c	61	52	0.08	
Christiansund	29.70	61	ENE	3	o	29.62	—	16	63	57	+	1	W	1	c	63	52	—	
†Skudesnaes	29.72	61	SSE	8	o	29.64	—	20	62	57	+	1	SE	8	o	6	57	—	
Örö (Xtiansund)	29.82	62	SSH	2	o	29.76	—	16	63	61	+	3	SSE	4	bc	2	64	59	—
Skagen (The Skaw)	29.85	63	SSE	3	c	29.83	—	14	65	62	+	2	SSE	2	c	1	75	57	—
Fanö	29.86	59	SSH	2	b	29.77	—	13	70	64	+	6	S	4	bc	*	70	55	—
Cuxhaven	29.93	?	E	2	c	29.84	—	10	68	65	+	6	SSH	3	c	*	68	59	—
†Sumburgh Head	29.54	55	S	4	b	29.40	—	20	54	54	—	1	ENE	3	o	3	61	52	0.59
†Stornoway	29.48	58	S	4	o	29.40	—	14	57	54	+	1	SSE	3	b	3	60	46	0.02
Wick	29.49	62	S	1	o	29.43	—	14	57	56	—	1	S	1	p	1	60	54	0.05
Nairn	29.32	60	SSH	1	c	29.43	—	13	56	52	+	1	Z	0	bc	0	66	47	—
†Aberdeen	29.56	59	S	2	r	29.46	—	16	60	55	+	3	SSH	3	b	1	67	51	0.07
Leith	29.57	59	W	1	r	29.47	—	15	57	53	—	1	S	1	bc	*	68	51	0.13
†Shields	29.59	62	SH	3	o	29.54	—	15	56	54	—	3	SH	3	bc	2	67	50	0.03
Spurn Head	29.66	66	SH	4	bc	29.62	—	14	56	54	—	6	S	5	qp	3	66	53	0.05
York	29.64	63	S	1	c	29.58	—	16	56	53	—	4	S	3	o	*	65	50	0.05
Loughborough	29.68	66	SH	4	bc	29.62	—	16	55	53	—	4	SE	3	oug	*	70	52	0.08
†Ardrossan	29.56	58	SH	2	c	29.42	—	20	57	55	—	0	SSE	3	c	2	61	54	0.01
†Mullaghmore	29.57	57	SSH	5	o	29.28	—	32	54	51	—	3	SSE	5	og	5	62	52	0.02
Donaghadee	29.58	60	SSH	3	c	29.41	—	23	55	55	—	1	S	4	r	2	67	51	0.05
Parsonstown	29.61	57	Z	0	c	29.34	—	35	54	52	—	2	W	2	o	*	60	50	0.09
Barrow-in-Furness	29.63	58	SH	3	c	29.49	—	20	55	53	—	2	SE	5	o	4	66	53	0.04
†Holyhead	29.66	57	SH	3	up	29.47	—	22	57	55	—	1	SSH	3	c	3	61	52	0.16
Liverpool (Bidston)	29.67	58	SSH	3	c	29.57	—	19	55	53	—	6	SSE	3	o	3	67	51	0.16
†Valencia	29.69	58	SH	6	omp	29.56	—	38	54	52	—	3	WSW	7	omp	6	60	52	0.24
Roche's Point	29.65	58	WSW	4	bc	29.45	—	29	56	54	—	1	SH	5	p	4	62	51	0.32
Pembroke	29.74	57	WSW	5	c	29.51	—	20	58	54	—	0	WSW	6	bcgp	4	59	53	0.19
†Scilly	29.81	58	WSW	5	o	29.62	—	19	59	55	+	2	WSW	6	c	5	62	52	0.49
Prawle Point	29.84	57	SH	7	c	29.62	—	20	55	55	—	2	WSW	7	bc	7	63	52	0.06
Hurst Castle	29.92	62	W	6	c	29.61	—	24	59	58	—	0	SH	4	m	4	64	55	0.05
†Dover	29.82	62	SH	3	c	29.73	—	16	58	56	—	2	SSH	3	cp	2	67	57	0.06
†London	29.77	65	SH	2	o	29.65	—	21	58	56	—	2	S	4	o	2	68	53	0.03
Oxford	29.78	56	SSH	1	c	29.60	—	23	55	53	—	3	SSE	3	od	*	69	53	0.08
Cambridge	29.72	66	SSH	1	o	29.64	—	18	55	56	—	2	S	1	o	*	69	51	0.06
†Yarmouth	29.77	66	SSH	4	c	29.72	—	12	58	55	—	5	SSH	2	bc	2	68	54	0.01
The Helder	29.82	64	SW	1	c	29.75	—	16	62	60	—	2	SSH	1	r	2	72	61	0.08
Cape Gris Nez	29.87	63	SH	5	r	29.75	—	17	57	55	—	4	SH	1	r	0	68	55	0.20
†Jersey	29.90	59	W	4	cg	29.71	—	20	58	56	—	1	W	5	c	4	63	54	0.12
Brest	29.92	59	W	4	o	29.78	—	13	58	54	—	1	WNW	5	c	4	63	55	0.24
Lorient	29.90	61	W	4	o	29.73	—	18	59	57	—	1	WNW	7	m	3	64	55	0.12
†Rochefort	30.02	67	WSW	7	o	29.91	—	14	64	64	+	3	WSW	8	o	4	70	57	0.16
Biarritz	30.08	71	N	3	b	30.06	—	10	67	66	+	5	S	3	b	1	72	59	—
Corunna	*	*	*	*	*	?	?	?	65	64	—	0	SSH	5	r	3	75	61	—
Brussels	*	*	*	*	*	29.50	—	15	62	59	—	3	SSH	3	o	*	71	60	0.08
Charleville	29.96	65	W	4	c	29.68	—	15	64	59	+	6	SSE	4	o	*	75	55	—
Paris	29.99	70	SH	4	o	29.86	—	16	64	61	—	0	Z	0	o	*	*	*	—
Lyons														*					
Toulon	29.85	75	W	8	b	29.91	+	03	70	62	—	7	W	4	b	5	54	66	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.42	53	WSW	3	c	28.32	—	17	52	53	—	1	S	2	o	*	61	46	0.18

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.			
Skudesnaes ...	29.76	58	57	S	8	r	6	Valencia ...	29.69	60	56	WSW	6	ogm	6	
Sumburgh Head ...	29.56	55	50	S	4	m	3	Scilly ...	29.85	61	55	WSW	5	o	4	
Stornoway ...	29.50	58	57	SSE	5	c	4	Dover ...	29.87	65	62	SW	4	bc	3	
Aberdeen ...	29.58	64	59	S	5	bc	2	London ...	29.82	66	62	SH	3	o	*	
Shields ...	29.64	67	58	Z	0	o	2	Yarmouth ...	29.82	67	61	SH	3	bc	3	
Ardrossan ...	29.59	60	59	SH	3	c	2	Jersey ...	29.92	68	60	WNW	5	bc	3	
Mullaghmore ...	29.58	58	53	SH	5	og	4	Rochefort ...	30.05	67	65	WSW	7	r	4	
Holyhead ...	29.69	59	56	WSW	3	o	2	BEN NEVIS 4406.50								
								25.13	40	40	SW	2	o	41	37	0.05
								3 am 22.50								

A fresh fall of the barometer has commenced at Valencia, but in the SW. of England a slight recovery is in progress. The SW. winds in the N. have freshened, and cloudy unsettled is still general.

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

MONDAY, 24TH JULY.

1882

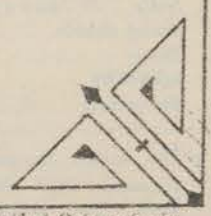
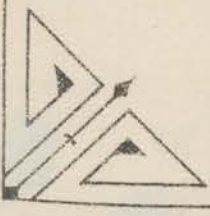
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ROBERT H. SCOTT

(SECRETARY.)

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WEATHER CHARTS

for 8 a.m. on MONDAY, 24TH JULY.

1882

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

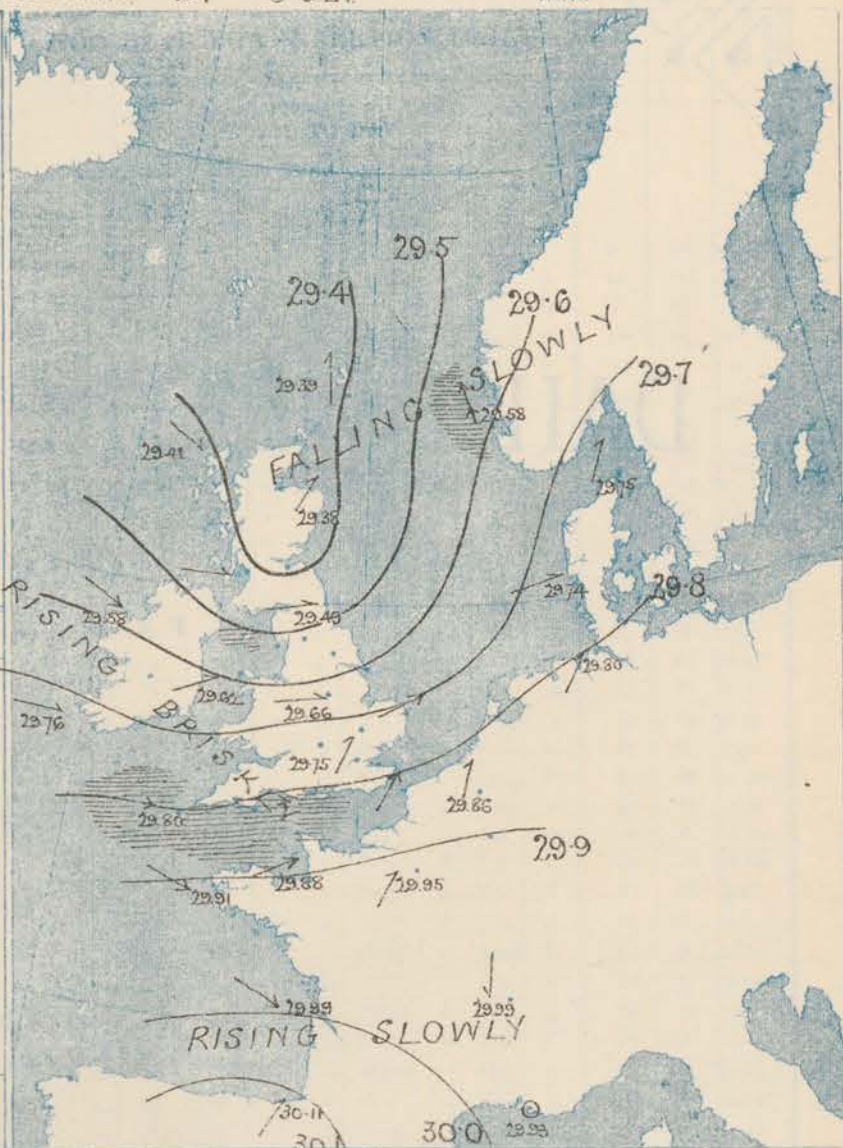
Sea Disturbance; where considerable, is shown by shading round the coast, thus: Rough; High.

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	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

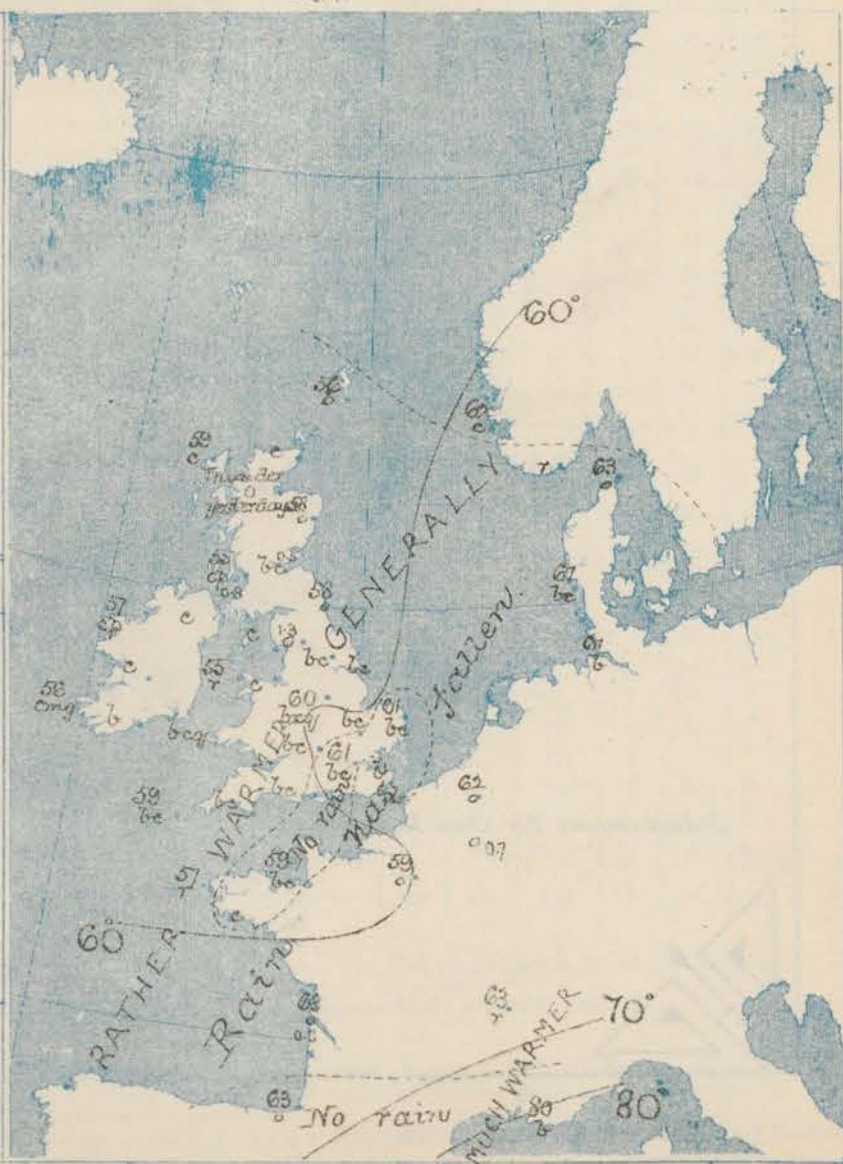
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall.
	°	ins.
Sumburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.38
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	3.03
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 MONDAY 24th JULY 1882 at 8 a.m.

The depression which lay off the W. of Ireland yesterday morning has since travelled slowly NEth and is now found over the E of Scotland.

The barometer is consequently falling on our NE Coasts but in other places a decided recovery has taken place and readings are now much higher over the S. of France than elsewhere. Light Sth winds prevail on the E Coast of Scotland and fresh SWth breezes in the E of England but in all other districts the wind has veered to the Wth. The weather is fair over the greater part of England but is more or less cloudy at the Scotch and Irish Stations with showers at Ardrossan and Mullaghmore.

Rain fell yesterday in almost all parts of the Kingdom, the amount at Ardrossan being more than three quarters of an inch. Temperature has risen generally and ranges from 61 in London and at Yarmouth to 53° at Leith. The highest maxima registered yesterday were 69° at Cambridge & Yarmouth and 71 in London. The sea is rather rough in the Channel.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

25th JULY

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	Light breezes, varying between Sand W; cloudy and unsettled to fair
1	SCOTLAND EAST	D°-----D°-----D°-----D°-----D°
2	ENGLAND N E	SW th winds, moderate; fair Generally.
3	ENGLAND EAST	D°-----D°-----D°-----D°-----D°
4	MIDLAND COUNTIES	Same as N° 5
5	ENGLAND SOUTH	SW th and W th winds, moderate or fresh; fair to cloudy and unsettled

DISTRICTS

FORECASTS

6	SCOTLAND WEST	W th to SW th winds, light; fair generally
7	ENGLAND N.W.	W th winds, backing moderate; showery
8	ENGLAND S.W.	W th to SW th winds, fresh or strong; fair to cloudy and unsettled.
9	IRELAND NORTH	Same as N° 7
10	IRELAND SOUTH	Same as N° 8
WARNINGS		NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 24TH JULY

1882

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.		Temp. in shade.	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																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö																			
Christiansund																			
†Skudesnaes	29.63	60	S	2	0	29.58	- .06	62	59	0	SSE	2	0	6	63	59	-		
Oslo (Kristiansund)	29.71	60	SSW	4	r	29.67	- .04	60	59	-	2	SSE	4	r	3	64	55	0.39	
Skagen (The Skaw)	29.72	63	SE	3	r	29.75	- .03	63	62	-	2	SSW	2	0	1	70	59	0.39	
Faro	29.74	62	S	4	c	29.74	- .03	67	62	-	3	WSW	4	6a	*	72	61	0.35	
Cuxhaven	29.77	7	SSW	2	r	29.80	- .04	61	59	-	7	SW	3	0	*	73	59	0.12	
†Sumburgh Head	29.40	36	SE	3	bc	29.39	- .01	50	55	+	2	S	3	0	2	60	51	0.11	
†Stornoway	29.36	59	SE	3	0	29.41	+	01	59	58	+	2	NN	2	0	2	62	49	0.23
Wick	29.38	59	S	2	0			56	54	-	1	S	2	0	1	65	52	0.20	
Nairn	29.37	55	L	0	0	29.38	- .05	56	53	0	WNW	1	0	1	63	48	0.06		
†Aberdeen	29.41	57	SW	4	b	29.38	- .08	58	55	-	2	SW	2	0	1	62	49	0.14	
Leith	29.37	61	SSW	1	bc	29.38	- .09	56	51	-	4	W	1	bc	*	66	50	0.50	
†Shield	29.45	54	SSW	2	c	29.49	- .05	58	53	+	2	W	3	0	2	60	50	0.14	
Spurn Head	29.50	66	SW	4	b	29.61	- .01	59	55	+	3	SSW	5	bc	2	67	52	0.02	
York	29.48	60	SW	3	b	29.58	- .06	58	54	+	2	SW	3	bc	*	63	50	0.20	
Loughborough	29.53	64	SW	4	b	29.66	+	04	60	54	+	5	W	4	bcg	*	68	51	0.01
†Ardrossan	29.31	59	SE	2	0	29.47	+	05	55	54	-	2	W	3	cp	2	60	50	0.78
†Mullaghmore	29.27	59	NN	4	0	29.58	+	30	57	55	+	3	WNW	5	cp	4	62	52	0.27
Donaghadee	29.29	56	SW	4	c	29.54	+	13	57	54	+	2	W	4	c	2	61	49	0.07
Parsonstown	29.36	58	W	2	c	29.65	+	31	56	53	+	2	W	1	c	*	60	50	0.15
Barrow-in-Furness	29.41	58	S	4	c	29.55	+	06	57	54	+	2	WSW	5	c	5	63	54	0.13
†Holyhead	29.40	58	SSW	6	c	29.62	+	15	55	54	-	2	WSW	3	r	3	62	53	0.07
Liverpool (Bidston)	29.34	59	SW	5	c	29.59	+	08	59	56	+	4	WSW	4	c	3	66	53	0.16
†Valencia	29.53	58	WNW	5	c	29.76	+	40	50	55	+	2	W	3	cmg	3	62	52	0.12
Roche's Point	29.57	58	WSW	4	bc	29.70	+	25	58	54	+	2	WNW	4	b	4	62	50	0.20
Pembroke	29.50	59	SW	6	c	29.70	+	19	56	53	-	2	W	4	bcg	3	59	55	-
†Seilly	29.65	61	WSW	8	c	29.80	+	18	59	55	0	W	5	bc	5	63	54	0.16	
Prawle Point	29.68	59	SW	7	bc	29.80	+	18	59	55	+	2	WSW	5	bc	5	61	54	0.04
Hurst Castle	29.69	60	WSW	6	c	29.71	+	16	58	56	-	1	W	6	bc	5	64	50	0.03
†Dover	29.70	60	WSW	5	b	29.80	+	07	60	58	+	2	WSW	5	b	4	64	56	0.02
†London	29.65	64	WSW	5	bc	29.75	+	10	61	55	+	3	SW	4	bc	*	71	53	-
Oxford	29.64	59	SSW	4	0	29.73	+	13	58	55	+	3	SW	3	bc	*	67	52	0.10
Cambridge	29.65	63	S	1	0	29.71	+	07	60	56	+	2	SW	1	bc	*	69	49	0.03
†Yarmouth	29.59	68	WSW	4	b	29.72	+	00	61	56	+	3	WSW	5	bc	3	67	52	-
The Helder																			
Cape Gris Nez	29.76	59	SW	7	b	29.84	+	09	60	57	+	3	SW	5	b	4	64	55	-
†Jersey	29.80	61	W	5	b	29.88	+	16	59	57	+	1	WSW	5	bc	5	64	55	-
Brest	29.82	60	W	7	c	29.91	+	13	59	55	-	1	WNW	5	r	4	63	55	-
Lorient	29.82	61	W	7	bc	29.88	+	15	59	56	0	NN	7	c	3	64	55	-	
†Rochefort	29.91	64	WNW	7	0	29.99	+	08	63	59	-	3	WNW	7	c	3	68	57	0.79
Biarritz	29.98	7	W	3	0	30.11	+	05	63	60	-	4	SW	4	0	3	82	57	-
Corunna	*	*	*	*	*				*						*	*	*		
Brussels	*	*	*	*	*	29.88	+	05	62	57	0	SSW	3	0	*	69	55	0.08	
Charleville	29.82	63	SW	1	0	29.90	+	02	59	54	-	5	SW	1	0	*	70	55	0.71
Paris	29.78	66	SSW	4	bc	29.95	+	09	59	55	-	5	SW	3	0	*	*	*	0.08
Lyons	29.88	80	E	1	bc	29.99		63	61			N	1	r	*	82	59	-	
Toulon	29.88	72	W	8	b	29.93	+	02	60	67	+	10	L	0	b	2	*	66	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.31	54	SSW	2	r	28.32	00	57	50	-	1	WSW	4	0	*	69	47	1.31	

HIGH LEVEL STATION.

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

Hawes Junction	28-31	54	57N	2	7	28-32	50	57	50	-	1	53N	4	0	5	59	47	1.31
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.				
Skudeensæs ...	29.61	61	59	SSE	4	r	5	Valencia ...									
Samburgh Head ...								Scilly ...									
Sternoway ...								Dover ..									
Aberdeen ...								London ...					*				
Shields ...								Yarmouth ...									
Ardrossan ...								Jersey ...									
Mullaghmore ...								Rochefort ...	29.89	65	65	NNE	8	r	4		
Holyhead ...								BEN NEVIS 4406 ft	24.96	73.8	73.7	SE	4	f	42	35	0.13

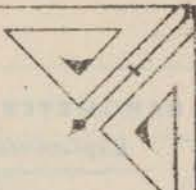

EXPLANATION OF COLUMNS.

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.

1. These Stations send Reports at 3 pm daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

TUESDAY, 25TH JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

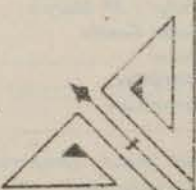
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Tinsford & Co. at the Victoria Press, London.

WEATHER CHARTS

for 8 a.m. on TUESDAY, 25th JULY, 1882

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;

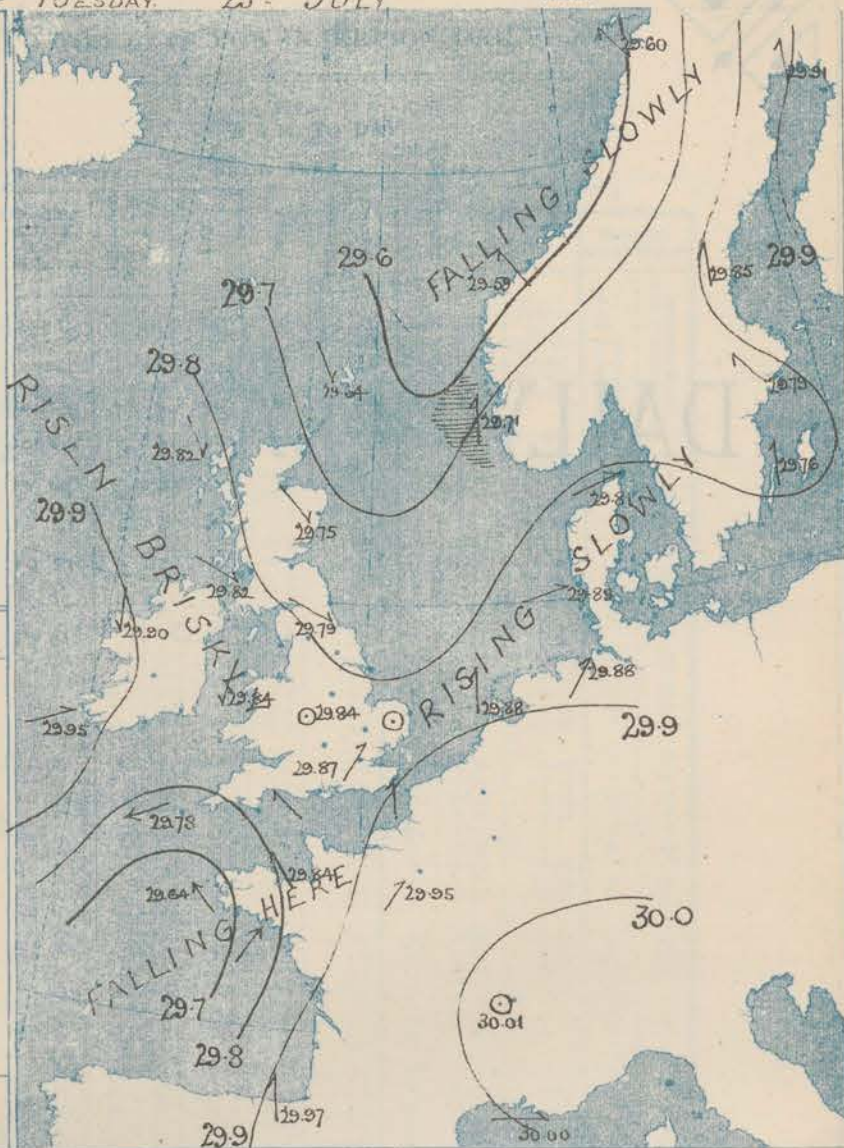
○ = dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.
	°	ins.
Sunburyh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.88
Sally (St Mary's)	63.3	2.49
Ilurst Castle	62.8	?
Dover	62.7	2.03
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 TUESDAY 25th JULY 1882 at 8 a.m.

The changes in pressure are somewhat peculiar. The disturbance which lay over the E of Scotland yesterday morning has veered NE^o to the W coasts of Norway, and the barometer has consequently risen on all our W^o and N^o coasts but in the course of the night a well defined depression has formed off the NW of France and the mercury has fallen decidedly in that locality, as well as over the SW of England. The barometer is now relatively high off the W of Ireland as well as in the N of Sweden, and NW or N^o breezes are blowing on all our W^o & N^o coasts, but in the S of England the wind has shifted to the E^o. It is everywhere light or moderate in force. The weather is fair on our W^o and E^o coasts but showers are reported from the E of Scotland and steady rain is falling in the SE of England. In the course of yesterday showers fell generally, and thunderstorms were experienced in many parts of the country. Temperature has fallen and ranges from 60° at Cambridge to 52° at Stornoway. A maximum of 68° was registered at Loughbori, Oxford & in London yesterday, while at Cambridge the thermometer reached 69°. The sea is moderate to smooth.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

26th JULY

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

DISTRICTS

FORECASTS

1	SCOTLAND NORTH	NW ^o winds, moderate; showery to fair
1	SCOTLAND EAST	----- D ^o ----- D ^o ----- D ^o -----
2	ENGLAND N.E.	NW ^o to N ^o winds, light; fair generally.
3	ENGLAND EAST	Calms or E ^o winds, shifting to N; cloudy and unsettled to fair
4	MIDLAND COUNTIES	----- D ^o ----- D ^o ----- D ^o -----
5	ENGLAND SOUTH	E ^o to NE ^o or N ^o winds, light; rainy and unsettled to fair, colder.

DISTRICTS

FORECASTS

6	SCOTLAND WEST	Same as N ^o 2
7	ENGLAND N.W.	N ^o winds, moderate; fair generally.
8	ENGLAND S.W.	NE ^o to N ^o winds, moderate; cloudy.
9	IRELAND NORTH	Wind generally N ^o , moderate; fair generally.
10	IRELAND SOUTH	----- D ^o ----- D ^o ----- D ^o -----
WARNINGS		NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 25th JULY 1882

† YESTERDAY EVENING.						3 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.	Inference from 8 p.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force.			Max.	Min.		
Haparanda	29.91	59	Z	0	b	29.91	+ .02	64	55	+ 1	S	2	c	*	66	50	—	
Hernösand	29.83	60	S	4	c	29.85	+ .01	57	57	+ 2	S	2	r	*	70	54	—	
Stockholm	29.93	64	S	4	b	29.79	— .14	69	65	— 2	SE	4	o	*	75	57	—	
Wisby	29.89	63	SSE	6	c	29.76	— .15	72	66	+ 7	S	4	bc	*	79	59	—	
Bodö	29.64	58	NNE	2	c	29.60	— .01	64	59	— 2	SE	2	c	1	66	55	0.04	
Christiansund	29.61	59	E	2	bc	29.59	+ .02	59	55	— 4	SE	2	bc	1	70	52	0.12	
† Skudesnaes	29.67	60	S	9	c	29.71	+ .13	60	56	— 2	S	4	o	5	59	—	—	
Øya (Kinnarund)	29.62	60	SSH	6	o	?	?	57	56	— 3	SSH	4	r	3	64	55	0.24	
Skagen (The Skaw)	29.83	61	Z	0	o	29.81	+ .06	60	58	— 3	WSW	3	b	1	70	57	—	
Finnö	29.83	60	WSW	2	b	29.89	+ .15	67	61	— 0	WSW	4	b	*	68	55	0.24	
Cuxhaven	29.83	?	Z	0	c	29.88	+ .08	65	63	+ 4	SW	2	b	*	68	55	—	
† Sumburgh Head	29.42	55	SSH	3	c	29.64	+ .25	54	51	— 2	NNW	4	c	3	61	48	0.02	
† Stornoway	29.55	56	NNW	4	o	29.82	+ .41	62	49	— 7	NNW	4	o	3	59	49	0.24	
Wick	29.49	55	NW	2	c	29.74	+ .36	55	52	— 1	NW	4	o	2	64	52	0.19	
Nairn	29.54	59	Z	0	o	29.75	+ .37	53	52	— 3	Z	0	p	1	64	51	0.16	
† Aberdeen	29.53	58	SSH	1	p	29.75	+ .37	56	53	— 2	NNW	2	p	1	60	49	0.23	
Leith	29.58	61	SW	2	bc	29.78	+ .40	57	52	+ 4	W	2	b	*	67	49	0.06	
† Shields	29.63	64	W	3	c	29.79	+ .30	58	52	— 0	NNW	3	b	2	65	50	—	
Spurn Head	29.70	62	WSW	4	bc	29.80	+ .19	59	56	— 0	WSW	2	bc	3	65	52	0.03	
York	29.70	61	WSW	3	b	29.82	+ .24	57	55	— 1	SW	1	b	*	65	46	0.05	
Loughborough	29.74	64	W	3	bc	29.84	+ .18	57	54	— 3	Z	0	cum	*	68	48	0.07	
† Ardrossan	29.62	59	WSW	3	c	29.82	+ .35	57	55	+ 2	NNW	3	c	2	65	53	—	
† Mullaghmore	29.70	58	NNW	5	c	29.90	+ .32	56	52	— 1	N	4	c	3	62	55	—	
Donaghadee	29.67	60	NNW	3	o	29.86	+ .32	58	54	+ 1	NNW	2	c	0	61	49	0.06	
Parsonstown	29.74	62	SW	1	c	29.91	+ .26	54	52	— 2	NNW	1	bc	*	65	47	—	
Barrow-in-Furness	29.69	60	SW	4	b	29.81	+ .26	58	55	+ 1	NNE	2	c	3	62	55	—	
† Holyhead	29.72	59	SW	4	b	29.84	+ .22	58	56	+ 3	NNE	4	bc	3	62	53	0.15	
Liverpool (Bulton)	29.70	61	W	3	b	29.81	+ .22	57	56	— 2	SW	1	o	2	62	53	0.14	
Valencia	29.78	57	WSW	3	cum	29.95	+ .19	56	55	— 0	WSW	1	c	1	62	49	0.02	
Reche's Point	29.79	56	WSW	3	c	29.88	+ .18	58	54	— 0	N	3	b	3	63	52	0.04	
Pembroke	29.79	58	WSW	4	bc	29.84	+ .14	57	55	+ 1	WSW	1	c	1	60	54	0.22	
† Scilly	29.80	59	WSW	5	o	29.78	— .02	55	54	— 4	ENE	5	c	4	62	52	0.30	
Prawle Point	29.89	57	WSW	5	bc	29.82	+ .02	54	53	— 3	ENE	3	c	3	61	50	0.26	
Hurst Castle	29.86	62	W	6	b	29.87	+ .10	55	54	— 3	SE	1	r	4	66	53	0.07	
† Dover	29.84	61	W	5	b	29.67	+ .07	58	56	— 2	WSW	2	o	1	65	57	0.03	
† London	29.83	62	SW	3	bc	29.87	+ .12	57	55	— 4	SW	1	r	*	68	53	0.14	
Oxford	29.83	59	SW	2	b	29.85	+ .12	56	54	— 2	SW	1	o	*	68	51	0.02	
Cambridge	29.80	61	WSW	1	b	29.84	+ .13	60	57	— 0	SW	1	o	*	69	46	0.07	
† Yarmouth	29.79	61	SW	1	bc	29.86	+ .14	57	55	— 4	Z	0	bc	1	67	51	0.03	
The Helder	29.84	62	SW	3	b	29.88	+ .09	60	58	— 1	S	1	c	1	66	59	—	
Cape Gris Nez	29.91	63	WSW	7	bc	29.91	+ .07	56	55	— 4	S	1	o	0	64	55	0.16	
† Jersey	29.96	60	W	4	b	29.82	— .04	56	55	— 3	SSE	3	om	3	64	54	0.17	
Brest	29.97	59	W	4	o	29.64	— .27	57	56	— 0	SE	7	r	4	63	54	0.71	
Lorient	29.96	60	W	5	o	29.66	— .22	58	57	— 1	SSH	5	r	3	63	54	0.63	
† Rochefort																		
Biarritz	30.14	66	NW	4	bc	29.97	— .14	64	61	+ 1	S	4	c	2	73	54	—	
Corunna	*	*	*	*	*									*	*	*	*	
Brussels	*	*	*	*	*	29.92	+ .06	58	56	— 4	SSE	1	o	*	70	54	0.04	
Charleville																		
Paris	29.96	68	SW	5	b	29.95	— .00	59	55	— 0	SW	4	o	*	*	*	0.04	
Lyons	30.05	67	N	1	bc	30.01	+ .02	57	55	— 6	W	1	o	*	73	53	0.28	
Toulon	29.94	72	W	7	b	30.00	+ .07	75	67	— 5	W	4	bc	2	73	64	—	

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

Hawes Junction	29.47	55	WSW	3	bc	28.59	+ .27	54	52	+ 3	NNW	1	b	*	57	48	0.04
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.				
Skudesnaes	29.64	62	57	SSE	8	c	5	Valencia	29.79	59	57	W	4	cmg	4		
Sumburgh Head	29.41	58	55	S	3	c	3	Scilly	29.87	62	57	W	5	c	5		
Stornoway	29.47	56	54	NNW	4	op	3	Dover	29.83	64	59	W	5	b	5		
Aberdeen	29.47	58	55	S	2	p	1	London	29.81	59	56	SSH	3	cp	*		
Shields	29.59	62	53	W	4	c	2	Yarmouth	29.75	66	58	W	3	c	3		
Ardrossan	29.58	60	60	WSW	3	c	2	Jersey	29.95	62	59	W	5	bc	4		
Mullaghmore	29.67	61	56	WNW	5	bc	4	Rochefort	30.05	69	63	WNW	5	bc	2		
Holyhead	29.61	61	57	SW	4	bcp	3	BEN NEVIS 4406 ft									
								9 am on 24 th	25.01	38	38	Z	0	f	39	33	0.30

The barometer is rising at all stations excepting Valencia and Holyhead, where the mercury seems to have ceased. The winds are unchanged, and changeable showery weather prevail generally.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
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 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

WEDNESDAY 26TH JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

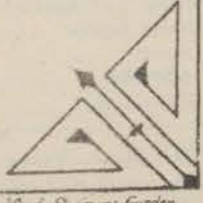
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ROBERT H. SCOTT

(SECRETARY.)





Printed by Dangerfield, 10th 22, Bedford St. Court Garden.

for 8 a m on WEDNESDAY. 26TH JULY. 1882

Explanation of Map.

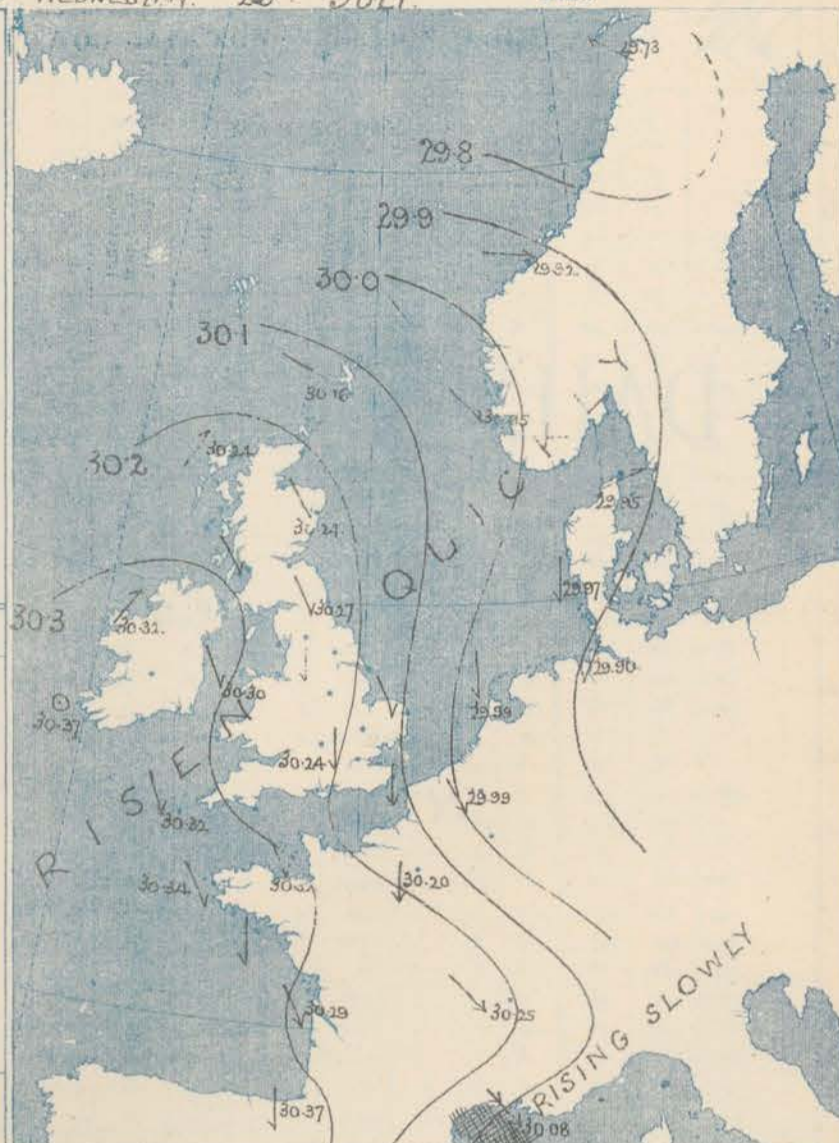
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus, —
 » — forces above 10; » — forces 8 to 10
 — — forces 5 to 7; — — forces 1 to 4;
 ⊙ = dead calm.

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	29 917
Holyhead	29 946
Valencia	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.

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

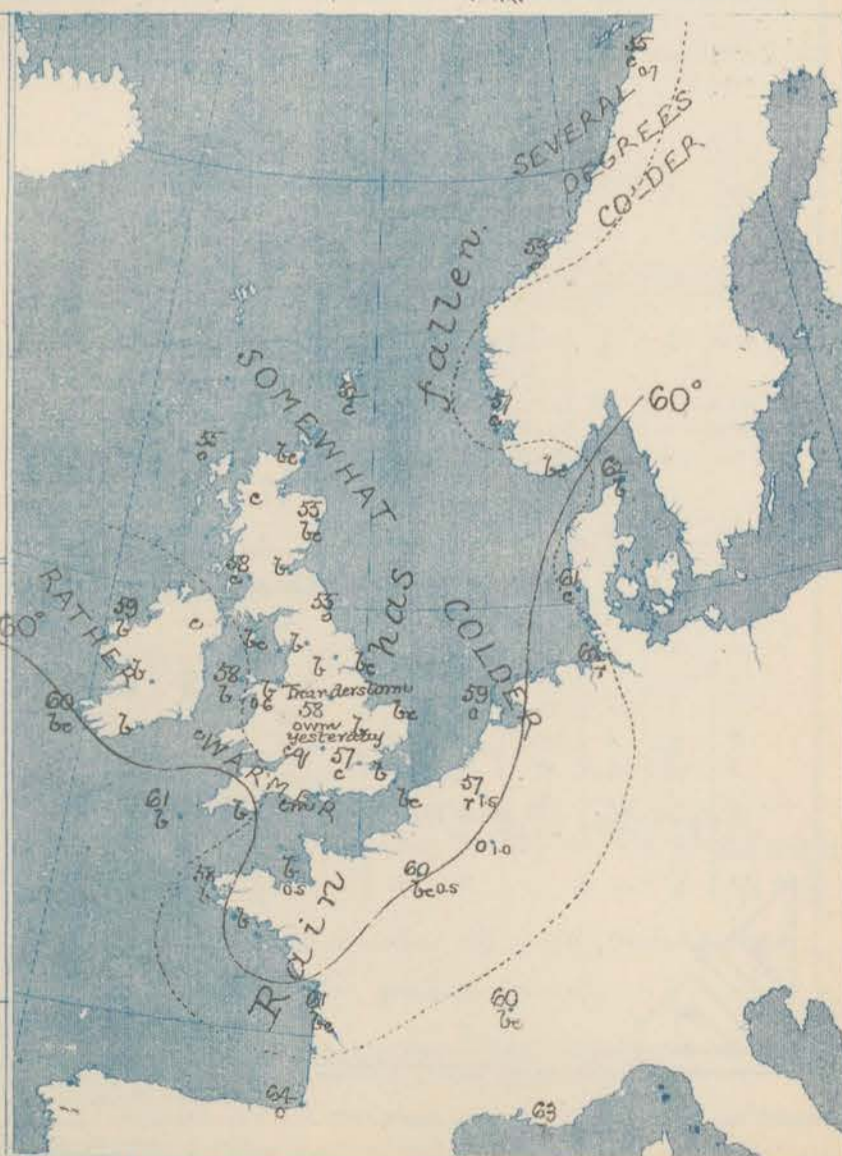
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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

<i>Stations</i>	<i>Temp.</i>	<i>Rain- fall.</i>
<i>Sunderburgh Head</i>	53.7	1.23
<i>Stornoway</i>	55.3	1.20
<i>Aberdeen</i>	58.3	2.47
<i>Shields</i>	60.6	2.40
<i>York</i>	61.0	2.06
<i>Mullaghmore</i>	60.2	?
<i>Holyhead</i>	61.0	1.64
<i>Parsonstown</i>	60.7	2.79
<i>Valencia</i>	61.1	3.88
<i>Sally (St Mary's)</i>	63.3	2.49
<i>Hurst Castle</i>	62.8	?
<i>Dover</i>	62.7	2.03
<i>LONDON</i>	64.3	2.30
<i>Yarmouth</i>	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... WEDNESDAY... 26th JULY... 1882... at... 8 a.m.

The depression which lay off the NW. of France yesterday morning has since passed away in an Easterly direction, and the barometer has risen very generally. The eastern side of an anticyclone now lies over our western stations and the winds are light or moderate from N. or NW. in all parts of Great Britain, while in Ireland calms are reported. The weather is dull and rainy over the Netherlands and N. Germany but has become fair and bright elsewhere. Rain fell yesterday at all our E. and S. stations and thunder occurred over the S. of England last evening. Temperature is inclined to rise in the South and West and readings at present range from 62° at Prawle Point to 52° in the Shetlands. The maxima yesterday were very low for the time of year; in London the thermometer did not exceed 63°. The sea is slight or smooth generally.

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	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N th and S.W. winds, light or moderate; cloudy, some showers.	6 SCOTLAND WEST	Same as N ^{os} 1 and 2
2 SCOTLAND EAST	N.W. winds, light; fair, warmer.	7 ENGLAND N.W.	Same as N ^{os} 3 to 5
3 ENGLAND N.E.	----- D'----- D'----- D'-----	8 ENGLAND S.W.	Same as N ^{os} 1 and 2
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	Calms or variable airs; fine, warmer
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	----- D'----- D'----- D'-----
6 ENGLAND SOUTH	N th winds, light; fine, warmer.	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 26TH JULY. 1882

	† 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.		
			Dirce.	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.	Dirce.	Force. (0 to 12).			Max.	Min.			
Haparanda																			
Hernösand																			
Stockholm																			
Wisby																			
Bodö	29.63	54	S	2	r	29.73	+ 13	55	53	- 9	ESE	2	c	1	64	50	0.71		
Christiansund	29.71	58	WSW	6	o	29.92	+ 33	53	48	- 6	W	5	o	4	63	50	0.32		
† Skudesnaes	29.87	58	WSW	2	c	30.05	+ 34	57	52	- 3	NNW	4	c	4	64	57	-		
Örö (Xiansund)	29.86	60	SW	4	b	29.95	+ 34	57	57	+ 2	NNW	1	b	3	64	54	0.28		
Skagen (The Skaw)	29.84	60	W	2	o	29.95	+ 34	57	57	+ 2	WSW	2	b	1	68	54	-		
Fanö	29.93	56	Z	0	b	29.97	+ 35	61	58	- 6	N	2	c	2	68	54	-		
Cuxhaven	29.92	?	Z	0	o	29.90	+ 32	62	60	- 3	NE	2	r	1	68	59	0.04		
† Sumburgh Head	29.88	51	NNW	4	c	30.16	+ 32	52	47	- 5	NNW	3	c	2	56	46	-		
† Stornoway	30.00	57	NNW	3	o	30.24	+ 32	55	53	+ 3	SW	2	o	2	59	50	0.06		
Wick	29.98	54	N	4	b	30.24	+ 30	57	53	- 1	N	3	b	1	57	47	0.05		
Nairn	29.99	57	NNW	1	b	30.25	+ 30	55	51	+ 2	NNW	1	c	1	63	48	0.08		
† Aberdeen	29.96	59	N	5	b	30.24	+ 34	55	51	- 1	NNW	3	b	2	60	45	0.07		
Leith	29.97	55	E	2	o	30.27	+ 34	53	52	- 4	Z	2	o	2	68	49	0.11		
† Shields	29.91	59	ENE	1	c	30.27	+ 38	55	51	- 3	NNW	3	o	2	64	44	-		
Spurn Head	29.97	60	NNW	2	c	30.18	+ 38	58	55	- 1	N	5	b	3	65	55	0.01		
York	29.91	55	NNW	1	r	30.24	+ 32	57	52	- 5	N	2	b	1	66	48	0.14		
Loughborough	29.91	61	NNW	2	o	30.25	+ 34	58	54	+ 1	NNE	3	o	1	71	51	-		
† Ardrossan	29.98	59	Z	0	c	30.28	+ 36	58	55	+ 1	NNW	1	c	1	65	49	0.04		
† Mullaghmore	30.08	59	N	5	b	30.32	+ 32	59	55	+ 3	SW	1	b	2	62	55	-		
Donaghadee	30.02	60	N	6	b	30.32	+ 34	59	54	- 1	NNW	4	b	2	63	50	-		
Parsonstown	30.08	62	NNW	1	b	30.36	+ 34	54	52	- 2	Z	0	b	1	65	42	-		
Barrow-in-Furness	29.91	63	NNW	4	b	30.23	+ 32	56	52	- 2	ESE	3	b	3	66	52	0.02		
† Holyhead	30.00	58	N	4	b	30.30	+ 34	58	55	+ 2	NNW	5	b	4	60	54	-		
Liverpool (Bidston)	29.95	60	NNW	3	b	30.26	+ 34	60	54	+ 3	ENE	2	b	1	61	52	0.64		
† Valencia	30.15	61	NNW	2	b	30.37	+ 32	60	56	+ 1	Z	0	b	1	64	46	-		
Roche's Point	30.09	60	NNW	4	b	30.25	+ 37	56	52	- 2	NNW	2	b	3	65	49	-		
Pembroke	30.01	59	NNW	1	b	30.29	+ 34	57	54	- 1	NNW	3	c	1	61	52	-		
† Scilly	30.03	60	NNW	5	b	30.32	+ 34	61	58	+ 6	NNW	4	b	3	61	54	-		
Prawle Point	29.95	61	NNW	2	b	30.30	+ 32	62	57	+ 8	NNW	3	b	3	63	49	-		
Hurst Castle	29.90	60	NNW	3	c	30.25	+ 38	58	54	+ 3	NNW	2	c	4	61	48	0.02		
† Dover	29.86	60	NNE	1	or	30.14	+ 27	51	57	+ 3	NNW	4	b	2	64	55	0.18		
† London	29.88	61	NNW	1	og	30.24	+ 27	57	52	- 5	N	2	c	1	63	50	0.03		
Oxford	29.95	58	NNW	2	c	30.26	+ 34	56	54	- 2	NNW	3	c	1	64	53	-		
Cambridge	29.94	56	N	1	o	30.22	+ 38	59	56	- 1	Z	2	b	1	67	51	0.24		
† Yarmouth	29.89	60	Z	0	r	30.14	+ 28	60	56	+ 3	NNW	4	b	4	64	55	0.04		
The Helder	29.90	59	ESE	1	r	29.99	+ 11	59	57	- 1	N	4	o	2	66	57	0.16		
Cape Gris Nez	29.86	58	NE	1	o	30.12	+ 21	58	56	+ 2	N	7	b	4	64	55	0.02		
Jersey	29.92	58	N	4	b	30.32	+ 34	59	56	+ 3	NNW	3	b	3	59	54	0.45		
Brest	30.04	59	N	4	o	30.34	+ 30	58	57	+ 1	NNW	3	b	3	63	54	0.08		
Lorient	29.90	62	NNW	8	b	30.29	+ 33	56	54	- 2	N	4	b	2	64	54	0.04		
† Rochefort	29.85	64	NNW	8	r	30.29	+ 31	61	58	- 3	NNW	7	b	2	68	55	0.20		
Biarritz	30.16	67	NNW	8	o	30.37	+ 30	64	60	- 4	N	4	o	3	75	57	-		
Corunna																			
Brussels						29.99	+ 07	57	56	- 1	NNW	5	r	1	61	54	1.50		
Charleville	29.87	59	SSW	4	o	29.97	+ 34	57	57	+ 2	SW	4	o	1	61	54	0.98		
Paris	29.78	59	SE	3	r	30.20	+ 23	60	56	+ 1	N	5	b	1	73	56	0.47		
Lyons	29.92	73	WSW	3	c	30.25	+ 24	60	56	+ 3	NNW	7	b	1	73	56	-		
Toulon	30.00	75	W	3	b	30.08	+ 08	65	55	- 10	NNW	18	b	7	79	63	-		

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

Hawes Junction	28.70	59	NNW	1	b	29.03	+ 27	53	48	- 1	NNW	1	b	1	62	47	0.11	
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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 ...	29.80	64	57	SW	4	c	5	Valencia ...	30.08	60	60	NNW	3	b	4		
Sumburgh Head	29.79	53	49	NNW	4	b	3	Scilly ...	29.94	60	57	NNW	5	c	4		
Stornoway ...	29.95	57	53	NW	3	c	3	Dover ...	29.85	63	58	WSW	2	b	1		
Aberdeen ...	29.87	59	55	NNW	3	c	1	London ...	29.85	62	57	SSE	1	o	1		
Shields ...	29.87	59	54	ENE	1	c	2	Yarmouth ...	29.85	63	58	SE	1	b	1		
Ardrossan ...	29.89	62	59	NNW	4	b	3	Jersey ...	29.80	56	54	ENE	3	r	3		
Mullaghmore ...	30.01	60	53	NNW	5	b	4	Rochefort	29.81	67	64	W	8	o	4		
Holyhead ...	29.94	59	54	N	4	b	3	Ben Helder (MOESF)	29.51	37	37	Z	0	f	4.0		
																34	0.16

The depression which lay off the NW of France this morning is moving E. and occasioning a slight fall of the barometer in the SE. of England. Elsewhere the mercury is rising and moderate N. breeze and fair weather are extending over us from the West.

EXPLANATION OF COLUMNS.

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



DAILY WEATHER REPORT

FOR

THURSDAY. 27th JULY.

1882

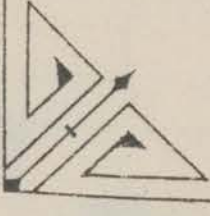
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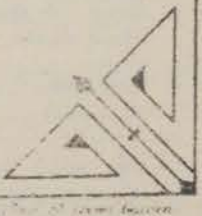
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ROBERT H. SCOTT

(SECRETARY.)



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WEATHER CHARTS

for 8 a.m. on THURSDAY 27th JULY. 1882

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.

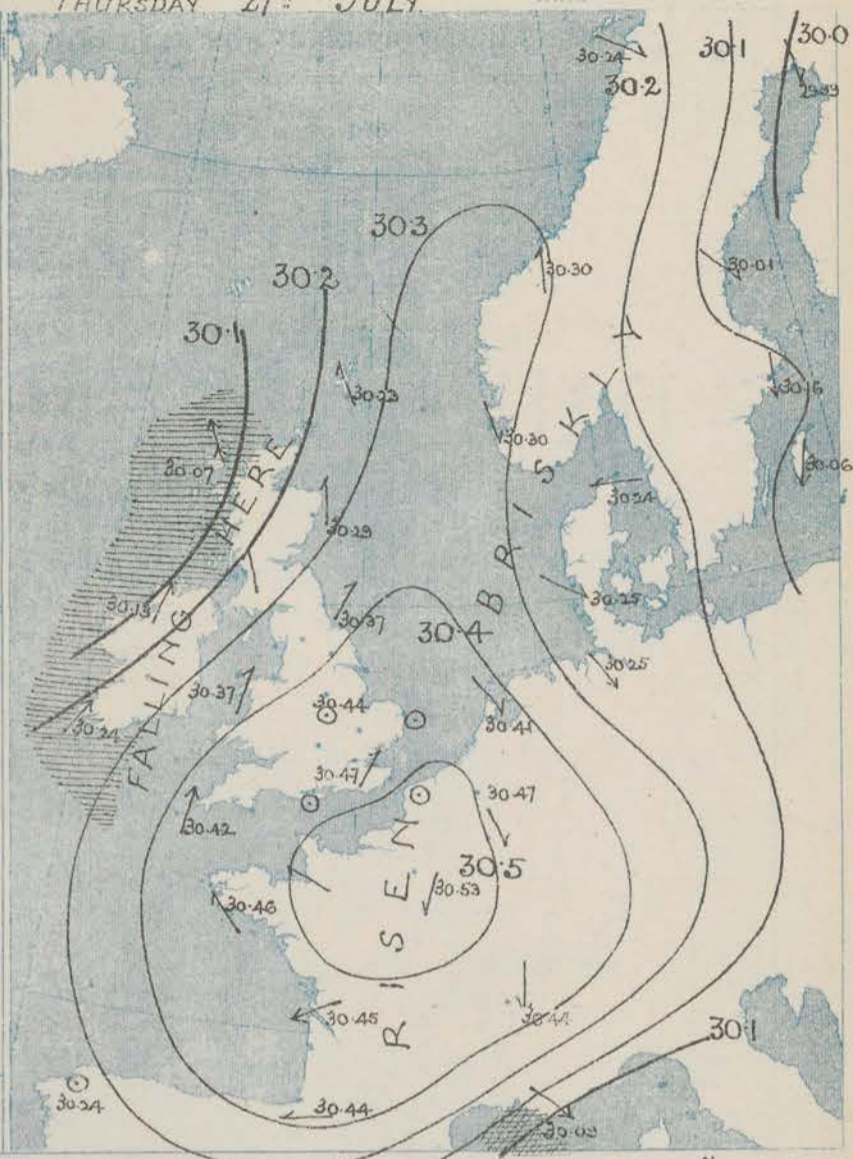
Sea Disturbance, where considerable, is shown by shading round the coast; thus = Rough; = High.

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	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

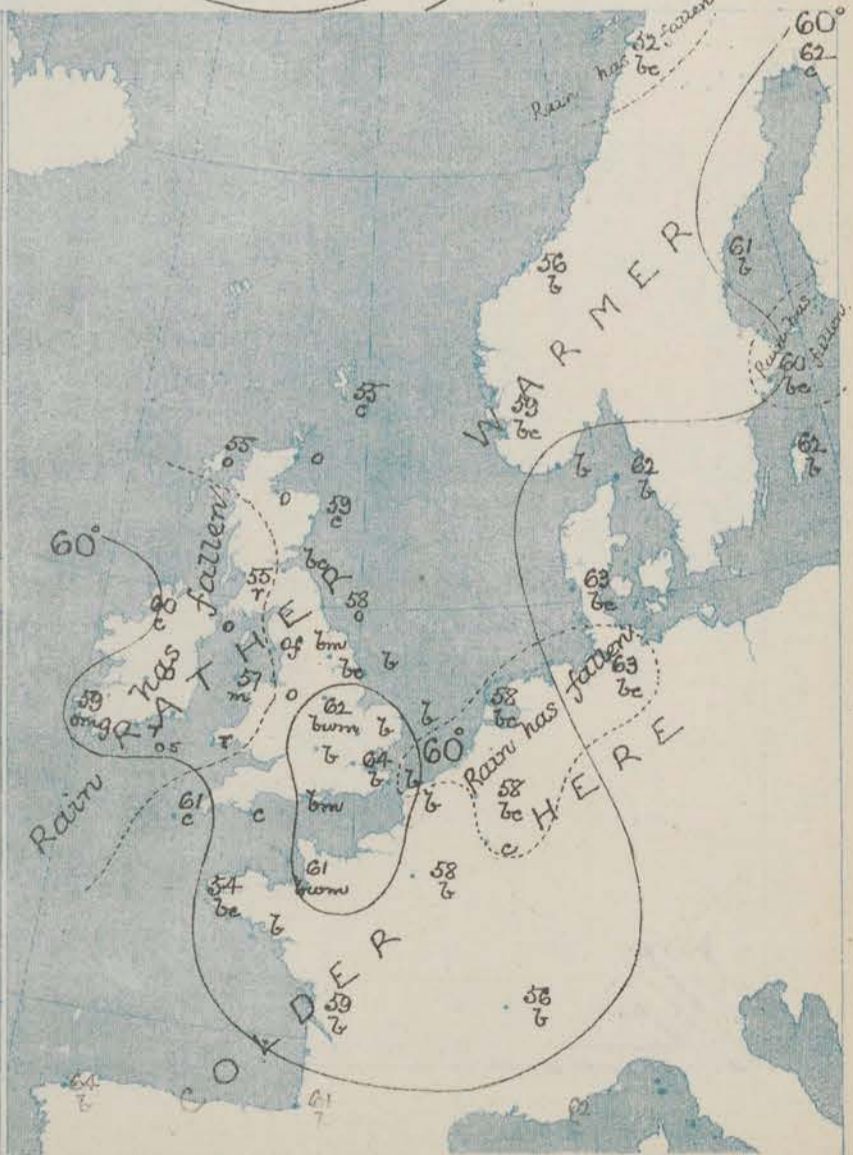
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	in.
Samburgh Head	53.7	1.23
Sornoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.7	3.88
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 THURSDAY 27th JULY 1882 at 8 a.m.

The anticyclone whose Eastern side lay over our Western Coasts yesterday morning has since moved in an ESEth direction, and is now found over the N. of France. In the West a fresh series of depressions has begun to appear and the centre of one of these disturbances is at present lying some distance to the Wth of Scotland. The winds are moderate from E. over France, and light from SW. at most of the English stations, but in Ireland and Scotland fresh or strong Sth winds have set in. The weather is exceedingly fine at all the French and the majority of English stations, but on our Wth and Nth Coasts the sky has become cloudy, with rain at Ardrossan, Rocks Point and Pembroke. Temperature has risen a little generally, and readings range from 64° in London and at Dover, to 55° at Simburgh H^o, Stornoway and Ardrossan. The highest readings registered yesterday were 69° at Loughboro and Hurst Castle, and 70° in London. The sea is rough at Stornoway, and rather so off the west of Ireland.

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

1 SCOTLAND NORTH

SWth to Sth winds, fresh or strong; cloudy, unsettled, some rain.

2 SCOTLAND EAST

SWth and Sth winds, moderate; fair to cloudy and showery.

3 ENGLAND N.E.

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

4 ENGLAND EAST

SWth winds, light; fine generally.

5 MIDLAND COUNTIES

Same as N^o 5

6 ENGLAND SOUTH

SWth breezes, light or moderate; fair to cloudy and unsettled.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Sth winds, moderate and fresh; unsettled, rainy.

7 ENGLAND N.W.

SWth to Sth winds, moderate or fresh; cloudy, some rain.

8 ENGLAND S.W.

SWth winds, fresh or strong; cloudy showery.

9 IRELAND NORTH

SWth to Sth winds, fresh or strong; fair to rainy and unsettled.

10 IRELAND SOUTH

Sth to SWth winds, fresh; unsettled, rainy.

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 27th JULY 1862

STATIONS	† YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force. (0 to 12).	Weather.	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12).			Dry.	Wet.					Max.	Min.				
Haparanda	29.91	60	SH	2	b	29.99	62	60		N	4	c	68	59	—			
Hernösand	30.02	57	N	6	b	30.01	61	53		NN	4	b	70	50	—			
Stockholm	30.01	64	N	2	o	30.16	60	53		N	6	c	72	55	0.04			
Wisby	29.95	62	NNE	2	b	30.06	62	57		NNE	6	b	68	55	—			
Bodö	30.05	48	NNN	6	r	30.24	+	51	57	48	3	NNN	2	bc	1	59	45	0.08
Christiansund	30.25	54	N	3	c	30.30	+	38	56	50	3	S	1	b	3	57	45	—
Skudesnaes	30.21	56	NNN	6	b	30.30	+	25	59	54	2	NNN	2	c	3	63	51	—
Oxö (Xiansund)	30.04	64	SH	4	b	30.25	+	30	62	55	3	NE	6	b	2	64	55	—
Skagen (The Skaw)	30.09	60	N	2	b	30.24	+	29	62	58	0	E	4	b	2	61	54	—
Faro	30.18	56	NN	4	b	30.25	+	28	63	59	2	NN	4	bc	*	68	54	—
Cuxhaven	30.12	?	NNN	5	bc	30.25	+	35	63	60	1	NNN	5	bc	*	63	59	0.02
†Sumburgh Head	30.29	54	NNN	2	b	30.23	+	07	55	51	3	SSE	3	c	3	56	43	—
†Stornoway	30.30	59	S	3	b	30.07	—	17	55	50	0	SSE	8	o	6	62	53	—
Wick	30.33	59	SSE	3	bc	30.19	—	05	58	54	4	S	4	o	3	64	52	—
Nairn	30.32	62	ENE	1	c	30.21	—	04	57	54	2	ENE	1	o	1	65	49	—
†Aberdeen	30.35	60	SSE	2	b	30.29	+	05	59	56	4	S	3	c	1	63	47	—
Leith	30.34	63	E	1	b	30.31	+	04	57	52	4	SW	2	bc	*	67	52	—
†Shields	30.37	56	ENE	2	b	30.37	+	10	58	53	3	SW	2	o	2	59	45	—
Spurn Head	30.36	59	N	4	b	30.42	+	24	58	54	0	SSE	2	b	2	60	52	—
York	30.38	60	N	1	c	30.43	+	19	56	51	1	S	2	bc	*	66	46	—
Loughborough	30.38	62	NE	1	b	30.44	+	19	62	56	4	ESE	1	bc	*	69	44	—
†Ardrossan	30.36	62	SW	1	b	30.28	—	00	55	55	3	SSE	4	r	3	67	51	0.09
†Mullaghmore	30.31	63	S	3	c	30.13	—	19	60	57	1	SSW	7	c	5	64	55	—
Donaghadee	30.39	59	S	2	c	30.30	—	02	56	55	1	SSW	6	o	4	65	52	0.07
Parsonstown	30.35	65	S	1	o	30.26	—	10	58	56	4	SE	1	o	*	67	54	0.03
Barrow-in-Furness	30.36	62	NN	2	b	30.37	+	14	56	54	0	E	3	o	2	66	52	—
†Holyhead	30.40	59	NNN	2	c	30.37	+	07	57	55	1	SSW	3	m	2	61	52	0.01
Liverpool (Bidston)	30.40	60	NNN	2	b	30.38	+	12	58	55	5	SE	2	o	1	64	49	—
†Valencia	30.35	58	SSE	5	m	30.24	—	13	59	59	1	SW	5	m	5	62	56	0.33
Roche's Point	30.40	59	S	3	c	30.29	—	06	56	56	0	SSW	5	r	4	63	55	0.48
Pembroke	30.41	58	NNN	2	bc	30.41	+	12	58	57	1	S	2	r	2	61	55	0.04
†Scilly	30.43	63	Z	0	c	30.42	+	10	61	59	0	SSW	5	c	3	64	56	—
Prawle Point	30.40	63	NNN	4	b	30.40	+	18	57	55	5	WSW	1	c	1	67	55	—
Hurst Castle	30.38	64	NNN	3	bc	30.48	+	23	62	59	4	Z	0	bc	3	69	50	—
†Dover	30.35	64	N	4	b	30.49	+	25	64	56	3	Z	0	b	0	66	53	0.02
†London	30.38	65	N	1	b	30.47	+	23	64	57	7	SH	1	b	*	70	50	—
Oxford	30.42	62	Z	0	bc	30.46	+	20	61	58	5	S	1	bc	*	68	48	—
Cambridge	30.38	63	N	1	b	30.45	+	23	60	54	1	S	1	b	*	66	41	—
†Yarmouth	30.36	61	N	3	b	30.47	+	23	58	54	2	Z	0	b	1	62	46	—
The Helder	30.30	59	NNN	2	o	30.41	+	42	58	52	1	NN	3	bc	2	63	55	0.08
Cape Gris Nez	30.41	59	N	5	b	30.51	+	39	59	57	1	N	1	b	1	65	55	—
Jersey	30.44	61	NN	2	b	30.52	+	20	61	58	2	ESE	1	bc	1	63	54	—
Brest	30.47	60	N	3	b	30.46	+	12	54	53	4	SE	3	bc	2	63	48	—
Lorient	30.41	64	NNN	5	b	30.45	+	15	55	53	1	E	4	b	2	64	52	—
†Rochefort	30.36	66	NN	5	b	30.45	+	16	59	56	2	ENE	5	b	2	70	52	—
Biarritz	30.42	65	N	5	b	30.44	+	07	61	57	3	E	3	b	2	68	52	—
Corunna	30.24	*	*	*	*	30.24	+	48	58	53	1	NNN	3	bc	*	65	51	0.39
Brussels	30.47	*	*	*	*	30.47	+	48	58	53	1	NNN	3	bc	*	65	51	0.39
Charleville	30.26	55	NNN	4	bc	30.46	+	49	56	51	2	NNN	3	c	*	69	54	0.12
Paris	30.35	66	NNN	5	b	30.53	+	33	58	53	2	NNE	4	b	*	*	*	0.12
Lyons	30.30	67	NNN	1	b	30.44	+	19	56	53	4	N	4	b	*	66	52	—
Toulon	30.46	70	NN	9	b	30.09	+	01	62	53	3	NN	7	b	7	77	59	—
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	29.14	55	ESE	1	bc	29.15	+	17	55	54	2	S	1	bc	*	62	41	—

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.				
Skudesnaes ...	30.12	61	54	NNW	8	c	4	Valencia ...	30.39	62	58	SSE	4	bc	4		
Sumburgh Head	30.25	56	50	NNW	2	bc	2	Scilly ...	30.43	63	59	NNW	2	*	3		
Stornoway ...	30.30	59	55	SSE	3	o	3	Dover ..	30.30	64	57	NNE	4	bc	2		
Aberdeen ...	30.32	62	55	N	3	c	2	London ...	30.33	64	58	NW	3	bc	*		
Shields ...	30.35	57	52	ENE	2	b	2	Yarmouth ...	30.29	61	56	N	4	bc	4		
Ardrossan ...	30.34	65	58	NNW	1	b	1	Jersey ...	30.41	63	58	NNW	3	b	3		
Mullaghmore ...	30.35	62	57	NNW	1	c	2	Rochefort ...	30.35	79	68	NW	5	b	2		
Holyhead ...	30.29	61	56	NNW	3	b	2	Ben Nevis (4066 ft.)	25.73	38	36	ENE	1	c	140	33	0.18

The central area of the anticyclone has now advanced over our SW. coast and the barometer at Valencia has ceased rising while the wind there has shifted to the SW. Fine weather still prevails generally with N. winds at all the more E. stations.

EXPLANATION OF COLUMNS.

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

FOR

FRIDAY, 28TH JULY.

1882

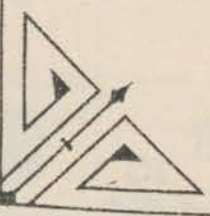
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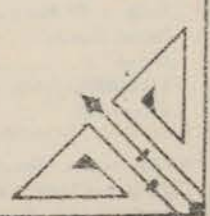
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on FRIDAY 28TH JULY.

1882

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;

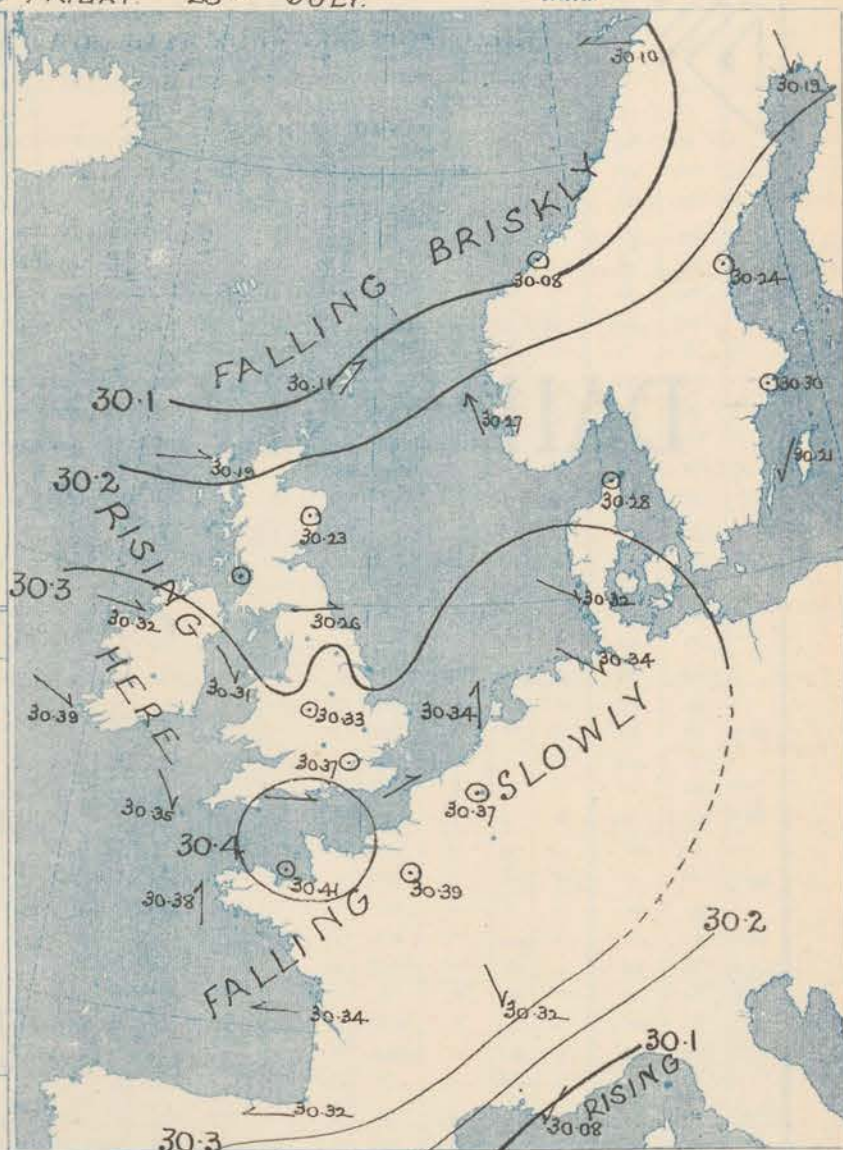
thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of July

Stations.	Mean Readings.
	Ins.
Nairn	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenecastle	29.917
Holyhead	29.946
Valencia	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.

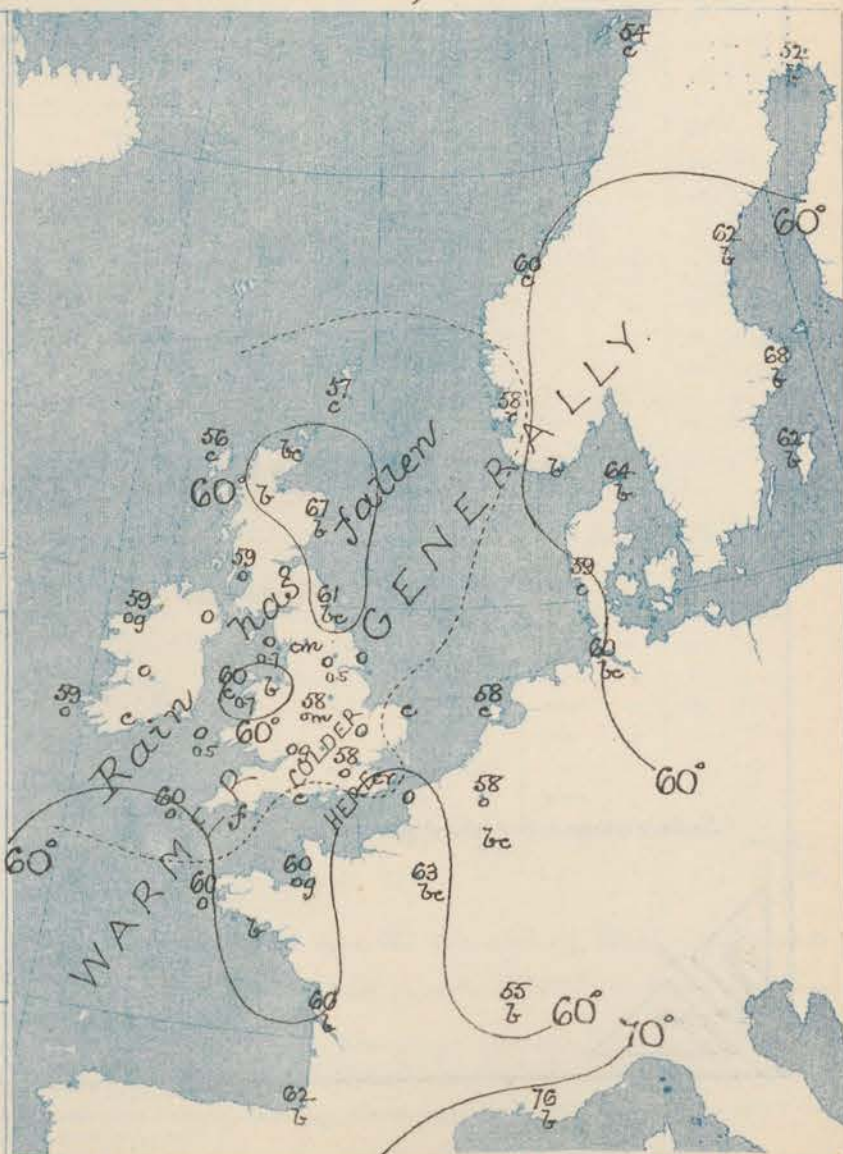
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of July

Stations	Temp.	Rain-fall
	°	ins.
Sumburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.38
Sally (St. Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	61.3	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 FRIDAY 28TH JULY 1882 at 8 a.m.

The large depression which lay off our western coasts yesterday has since passed away N^W, and the barometer has risen over the whole of Ireland and Scotland, while the winds have veered to the W^W and NW^W. In England and France, however, the mercury has fallen, and variable SW^W or W^W winds have extended over the former country, while E^W breezes still prevail at the French stations. The weather is fine in Scotland, and also over the Continent, but in England and Ireland there is a great deal of cloud. In the course of the past 24 hours rain has fallen over nearly the whole country, the amounts on our NW coasts being rather heavy. Temperature has fallen in the S., risen elsewhere, and reading range from 64° at Aberdeen to 54° at Prawle Point and 56° at Stornoway. The thermometer rose to 75° at Cambridge yesterday, and 76° in London. The sea is slight or smooth on all our coasts.

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, light or moderate; fair generally.	6 SCOTLAND WEST	W ^W breezes, light; cloudy, unsettled.
2 SCOTLAND EAST	Light airs, chiefly W ^W ; cloudy, unsettled, some thunder.	7 ENGLAND N.W.	NW ^W breezes, light or moderate; cloudy to fine.
3 ENGLAND N.E.	-----D-----D-----D-----	8 ENGLAND S.W.	-----D-----D-----D-----
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	Same as N ^o 1 and 2
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	Light breezes, chiefly NW ^W ; fair on the whole.
6 ENGLAND SOUTH	SW ^W and W ^W winds, light; cloudy and unsettled to fair.	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 28th JULY. 1882.

YESTERDAY EVENING.							8 A.M. TO DAY.										LAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.10	55	N	6	0	30.19	+ .20	52	50	—	10	N	4	b	*	64	52	—	
Hernösand	30.12	56	Z	0	b	30.24	+ .23	62	56	+	1	Z	0	b	*	72	50	—	
Stockholm	30.15	60	NE	2	b	30.30	+ .14	68	55	+	8	Z	0	b	*	70	54	—	
Wisby	30.16	59	ENE	2	b	30.21	+ .15	62	55	—	0	NE	4	b	*	68	57	—	
Bodö	30.25	54	Z	0	b	30.10	— .14	54	50	+	2	E	2	c	1	57	46	—	
Christiansund	30.16	58	ENE	1	b	30.08	— .22	60	55	+	4	Z	0	c	1	?	50	—	
†Skadesnaes	30.30	56	WSW	1	c	30.27	— .03	58	55	—	1	SSE	6	r	4	64	?	—	
Oxö (Ånund)	30.29	61	SW	2	b	30.28	+ .03	62	60	+	1	SSW	2	b	1	63	55	—	
Skagen (The Skaw)	30.27	59	Z	0	b	30.28	+ .04	64	58	+	2	Z	0	b	0	72	52	—	
Panö	30.31	59	NW	4	c	30.32	+ .07	59	57	—	4	WNW	2	c	*	66	55	—	
Cuxhaven	30.38	?	NW	4	c	30.34	+ .09	60	57	—	3	WNW	2	b	*	63	57	—	
†Sumburgh Head	30.06	54	SSE	4	r	30.11	— .12	57	55	+	2	SW	4	c	4	60	48	0.01	
†Stornoway	30.02	60	SW	6	0	30.19	+ .12	56	55	+	1	W	4	c	3	60	53	0.05	
Wick	30.07	61	W	5	c	30.20	+ .01	61	57	+	3	SW	3	b	1	62	52	—	
Nairn	30.11	62	Z	0	0	30.22	+ .01	61	57	+	4	WSW	1	b	1	64	49	0.08	
†Aberdeen	30.17	57	S	4	0	30.23	— .06	67	61	+	8	ESE	1	b	1	67	51	0.03	
Leith	30.19	60	WSW	5	0	30.26	— .05	59	57	+	2	Z	0	0	*	63	52	0.04	
†Shields	30.29	56	SW	2	r	30.26	— .11	61	58	+	3	W	2	b	2	64	52	0.23	
Spurn Head	30.33	63	WNW	3	0	30.28	— .14	58	57	—	0	WSW	3	0	2	66	53	0.17	
York	30.35	59	WSW	1	0	30.30	— .13	58	57	+	2	SW	1	0	*	68	51	0.47	
Loughborough	30.36	60	W	1	0	30.33	— .11	58	57	—	4	WSW	1	om	*	70	54	0.27	
†Ardrossan	30.20	57	S	4	r	30.29	+ .01	59	58	+	4	Z	0	0	0	59	54	0.02	
†Mullaghmore	30.19	61	WSW	2	og	30.32	+ .19	59	57	—	1	W	2	og	2	65	57	0.09	
Donaghadee	30.23	60	SSW	6	0	30.32	+ .02	59	58	+	3	NW	3	0	1	60	50	0.03	
Parsonstown	30.24	63	WNW	1	0	30.36	+ .10	57	55	—	1	NW	1	0	*	67	54	0.12	
Barrow-in-Furness	30.30	56	SW	3	r	30.26	— .11	59	58	+	3	NW	1	0	2	59	54	0.65	
†Holyhead	30.31	57	SSW	3	r	30.31	— .06	60	59	+	3	NW	2	c	2	60	54	0.72	
Liverpool (Bishop)	30.32	57	S	1	r	30.30	— .08	61	59	+	3	S	4	b	1	62	55	0.16	
†Valencia	30.37	60	W	3	c	30.39	+ .15	59	58	—	0	WNW	1	0	2	62	53	0.06	
Roche's Point	30.27	59	SW	4	r	30.36	+ .07	58	56	+	2	NNW	2	c	3	64	51	0.35	
Pembroke	30.35	57	S	3	0	30.31	— .10	59	58	+	1	NW	2	0	2	60	54	0.49	
†Scilly	30.38	58	SW	5	0	30.35	— .07	60	59	—	1	NNW	3	0	2	62	55	0.24	
Prawle Point	30.43	56	WSW	3	c	30.37	— .11	57	57	—	0	SSW	2	f	2	62	55	0.04	
Hurst Castle	30.42	62	WSW	3	c	30.42	— .06	60	58	—	2	W	3	c	3	68	57	—	
†Dover	30.42	62	SW	3	b	30.36	— .13	60	57	—	4	WNW	1	c	0	66	58	0.01	
†London	30.40	67	SW	2	0	30.37	— .10	58	56	—	6	S	1	0	*	76	56	0.04	
Oxford	30.38	61	SSW	1	c	30.35	— .11	59	57	—	2	SSW	1	og	*	71	56	0.05	
Cambridge	30.38	65	WNW	1	0	30.33	— .12	59	58	—	1	SW	1	0	*	75	53	0.11	
†Yarmouth	30.29	62	S	3	c	30.34	— .13	58	56	—	0	NW	1	c	2	63	55	—	
The Helder	30.41	60	NW	1	b	30.34	— .07	58	55	—	0	S	1	c	1	63	52	—	
Cape Gris Nez	30.35	59	WSW	3	0	30.35	— .16	61	58	+	2	WSW	3	0	2	68	57	—	
†Jersey	30.48	62	NNW	2	bog	30.41	— .11	60	56	—	1	Z	0	og	0	68	54	—	
Brest	30.48	62	S	1	0	30.38	— .08	60	59	+	6	S	1	0	1	64	48	—	
Lorient	30.41	66	W	3	b	? 30.36	— .09	58	53	+	3	E	3	b	1	68	52	—	
†Rochefort	30.36	? 73	ENE	3	b	30.34	— .11	60	57	+	1	E	4	b	2	81	52	—	
Biarritz	30.35	71	ENE	5	b	30.32	— .12	62	55	+	1	E	3	b	2	77	54	—	
Corunna	*	*	*	*	*				*						*	*	*		
Brussels	*	*	*	*	*	30.37	— .10	58	53	—	0	WSW	1	0	*	68	53	—	
Charleville	30.43	63	NNW	4	b	? 30.39	— .07	51	48	—	5	NNE	4	b	*	72	48	—	
Paris	30.44	66	N	4	b	30.39	— .14	63	59	+	5	Z	0	b	*	*	*	—	
Lyons	30.35	64	N	4	b	30.32	— .12	55	51	—	1	NNW	4	b	*	67	51	—	
Toulon	30.07	78	W	7	b	30.08	— .01	76	59	+	14	NE	1	b	2	81	61	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.08	51	SW	3	r	29.06	— .09	56	56	+	1	E	1	c	*	59	49	0.37	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.				
Skudesnaes ...	30.32	64	57	W	2	c	3	Valencia ...	30.25	62	WSW	2	ogm	4			
Sumburgh Head	30.10	57	54	SSE	4	c	5	Scilly ...	30.41	56	S	6	og	5			
Stornoway ...	29.98	58	57	S	8	og	7	Dover ..	30.45	65	WSW	3	b	2			
Aberdeen ...	30.21	58	54	S	3	o	1	London ...	30.41	72	SW	2	o	*			
Shields ...	30.32	62	59	WSW	2	o	2	Yarmouth ...	30.42	62	SSE	4	b	3			
Ardrossan ...	30.24	57	57	SSW	5	o	4	Jersey ...	30.49	65	WSW	1	be	1			
Mullaghmore ...	30.16	63	61	WSW	4	ogm	2	Rochefort ...									
Holyhead ...	30.35	55	55	SSW	4	r	3	Ben Nevis (4065 ft.)	25.65	39	39	S	7	f	Max	Min	Rain
								9 a.m. 22 nd							43	36	0.06

A slight recovery of pressure has set in at Valencia, but elsewhere the barometer is falling pretty steadily. S^W and SW winds have extended to all our coast and weather has become cloudy at all but our extreme SE stations.

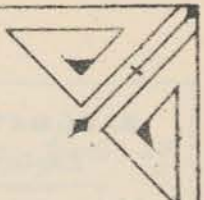
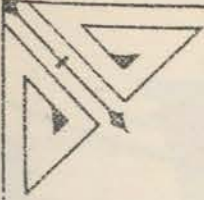
EXPLANATION OF COLUMNS.

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

SATURDAY, 29TH JULY.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

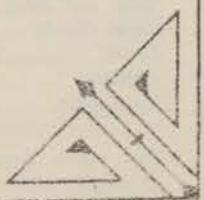
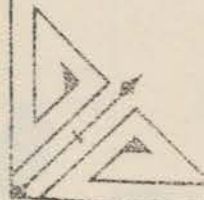
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ROBERT H. SCOTT

(SECRETARY)



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WEATHER CHARTS

for 8 a.m. on SATURDAY, 29TH JULY.

1882

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.

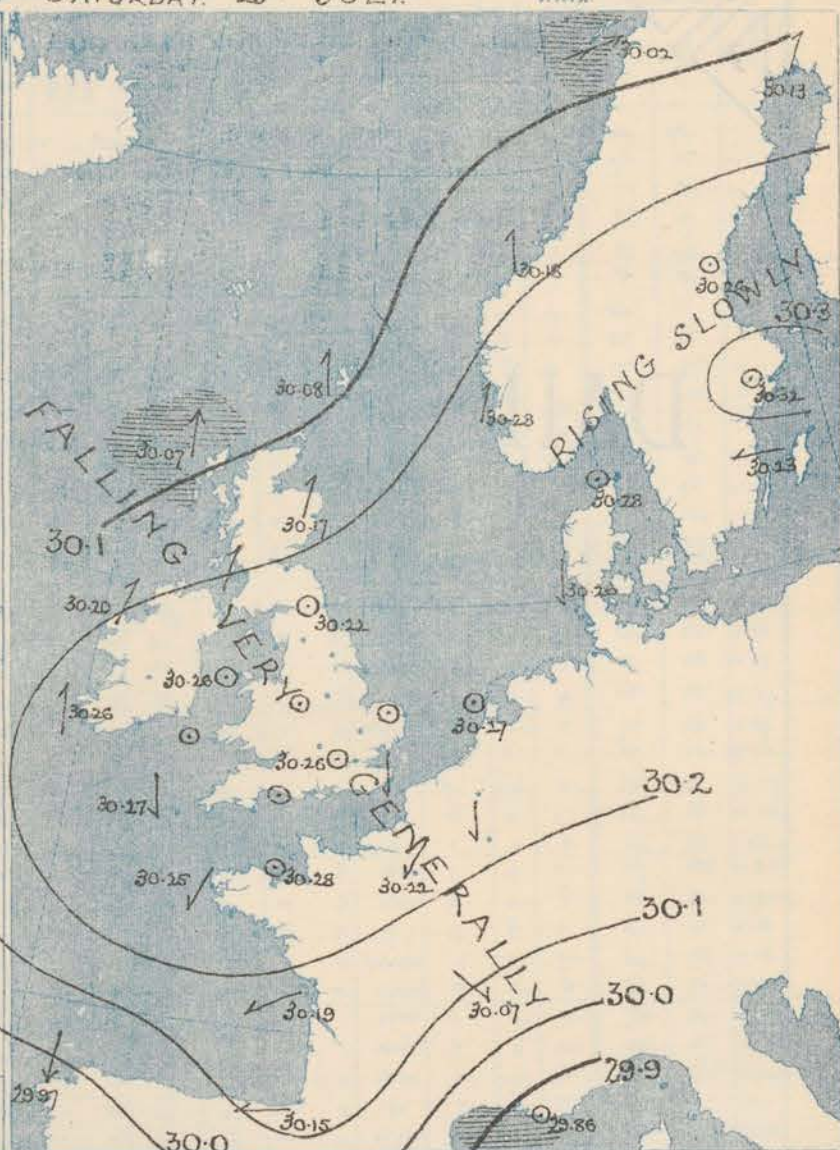
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

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	29.923
Greenecastle	29.917
Holyhead	29.946
Valencia	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.

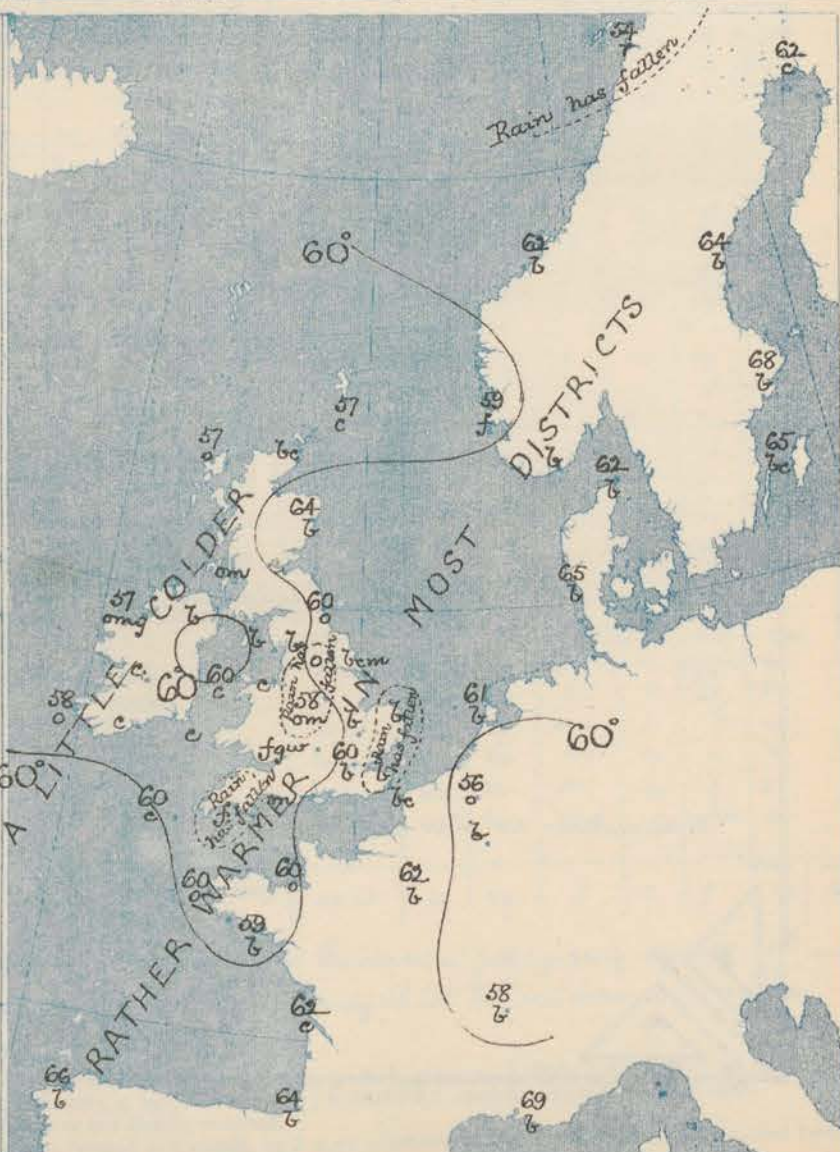
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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.
	°	ins.
Sunbury Head	53.7	1.23
Sarnoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Silly (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 29th JULY 1882 at 8 a.m.

The barometer is rising a little over the S. of Sweden, but falling in all other parts of Western Europe, the change being very slight in the E. and S., but more decided in the W. A large band of uniformly high readings extends from our SW Coasts across England and the N. Sea to the S. of Scandinavia, within which area calms or light variable breezes and fair weather are general. In Scotland and the W of Ireland the wind is S.^W and in France NE.^W. Cloudy weather prevails at the extreme N^W and NW^W stations. Very little rain fell anywhere yesterday. Temperature has risen a little on our S. and E coasts, but changed irregularly elsewhere, and readings range from 64° at Aberdeen and 63° at Dover to 56° at Barrow in Furness and Roch's Point. The highest maximum recorded yesterday was 75° at Loughboro and Cambridge; in London the thermometer only reached 66°. The sea is slight or smooth.

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

1 SCOTLAND NORTH	S ^W and SW ^W winds, moderate and fresh; cloudy, some showers
2 SCOTLAND EAST	SW ^W winds, light or moderate; fair generally.
3 ENGLAND N.E.	----- D'----- D'----- D'-----
4 ENGLAND EAST	Same as N ^o 5
5 MIDLAND COUNTIES	Same as N ^o 5
6 ENGLAND SOUTH	Calms, and variable airs; fair, warm

DISTRICTS

FORECASTS

6 SCOTLAND WEST	S ^W winds, light; cloudy, some rain.
7 ENGLAND N.W.	Variable to SW ^W winds, moderate; fair to cloudy and unsettled.
8 ENGLAND S.W.	----- D'----- D'----- D'-----
9 IRELAND NORTH	S ^W and SW ^W winds, moderate and fresh; cloudy, some rain
10 IRELAND SOUTH	----- D'----- D'----- D'-----
WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 29th JULY 1882

† 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.		
			Dirce.	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.	Dirce.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.18	54	SW	2	c	30.13	-.06	62	59	+	10	SW	4	c	*	70	48	-	
Hernösand	30.30	59	S	6	c	30.26	+.02	64	57	+	2	Z	0	b	*	70	45	-	
Stockholm	30.31	58	SW	2	b	30.32	+.02	68	60	0	Z	0	b	*	*	72	52	-	
Wisby	30.23	58	SE	2	b	30.23	+.02	65	56	+	3	E	4	bc	*	72	52	-	
Bodö	29.95	55	SSW	2	r	30.02	-.08	54	54	0	WSW	8	r	5	*	64	52	0.16	
Christiansund	30.17	58	WSW	6	c	30.18	+.10	62	55	+	2	S	2	b	3	63	54	-	
†Skudesnes	30.33	60	Z	0	o	30.28	+.04	59	58	+	1	SSW	1	f	3	61	57	-	
Oxö (Xiusund)	30.28	62	WSW	4	bc	30.26	-.02	62	59	-	1	Z	0	b	1	64	55	-	
Skagen (The Sæw)	30.31	58	Z	0	b	30.28	00	62	59	-	2	Z	0	b	0	72	52	-	
Fanö	30.33	58	NNW	2	b	30.26	-.06	65	60	+	6	N	3	b	*	72	50	-	
Cuxhaven	30.37	?	NNW	2	b	30.25	-.09	64	61	+	4	NE	2	b	*	?	57	-	
†Sumburgh Head	30.19	57	SW	3	c	30.08	-.03	57	56	0	S	2	c	2	2	62	53	-	
†Stornoway	30.21	58	S	5	o	30.07	-.12	57	55	+	1	S	6	o	5	61	53	-	
Wick	30.32	61	E	2	b	30.12	-.08	59	55	-	2	S	2	bc	1	57	47	-	
Nairn																			
†Aberdeen	30.25	67	SSE	2	b	30.17	-.06	64	62	-	3	SSW	2	b	1	69	49	-	
Leith	30.26	67	W	2	bc	30.19	-.07	60	57	+	1	Z	0	c	0	70	52	-	
†Shields	30.28	62	E	1	bc	30.22	-.04	60	57	-	1	W	1	o	2	66	55	-	
Spurn Head	30.27	61	SE	3	b	30.23	-.08	61	60	+	3	SE	3	bc	2	65	57	-	
York	30.27	68	S	2	bc	30.25	-.05	61	60	+	3	S	1	o	*	72	58	0.21	
Loughborough	30.27	69	SSW	1	b	30.25	-.08	58	57	0	NNW	1	ong	*	75	57	0.04		
†Ardrossan	30.31	61	Z	0	ov	30.20	-.09	59	59	0	SSW	1	om	1	1	62	56	-	
†Mullaghmore	30.32	60	NNW	2	bc	30.20	-.12	57	54	-	2	SSW	2	ong	2	64	55	-	
Donaghadee	30.34	59	SE	1	o	30.24	-.08	60	56	+	1	W	3	b	1	63	56	-	
Parsonstown	30.35	62	NNW	1	o	30.26	-.10	57	54	0	SSW	1	c	*	*	63	49	-	
Barrow-in-Furness	30.28	63	NNW	3	b	30.24	-.09	56	55	-	3	NE	3	b	2	65	53	-	
†Holyhead	30.33	60	NNW	2	b	30.26	-.05	60	59	0	W	1	c	1	1	63	50	-	
Liverpool (Bidston)	30.29	63	NNW	2	b	30.26	-.04	58	56	-	3	WSW	1	c	1	64	53	-	
†Valencia	30.38	58	W	2	c	30.26	-.13	58	57	-	1	S	3	o	3	63	52	-	
Roche's Point	30.34	58	NNW	1	c	30.24	-.12	56	54	-	2	SSE	1	c	3	63	53	-	
Pembroke	30.32	61	NNW	2	b	30.25	-.06	58	55	-	1	NNW	1	c	1	63	53	-	
†Scilly	30.34	60	NNW	4	a	30.27	-.08	60	56	0	N	3	c	2	2	62	56	-	
Prawle Point	30.31	61	WSW	2	f	30.25	-.12	58	58	+	1	Z	0	f	0	62	52	0.03	
Hurst Castle	30.31	65	W	3	bc	30.26	-.16	60	59	0	SW	1	m	2	2	69	57	-	
†Dover	30.32	60	Z	0	bc	30.25	-.11	63	59	+	3	NNE	2	b	1	65	53	0.12	
†London	30.32	65	Z	0	og	30.26	-.11	60	58	+	2	ESE	1	b	*	66	54	-	
Oxford	30.29	65	NNE	1	bc	30.26	-.09	57	57	-	2	Z	0	fgw	*	69	55	-	
Cambridge	30.30	66	SW	1	b	30.24	-.09	62	60	+	3	S	1	b	*	75	53	-	
†Yarmouth	30.31	61	SSE	2	c	30.26	-.08	62	59	+	4	Z	0	b	1	62	56	0.11	
The Helder	30.32	64	E	1	bc	30.27	-.07	61	57	+	3	E	1	b	1	68	?	-	
Cape Gris Nez	30.33	61	Z	0	bc	30.27	-.08	59	57	-	2	N	4	bc	2	66	54	-	
†Jersey	30.33	61	NNW	1	bc	30.28	-.13	60	59	0	Z	0	o	0	0	67	56	-	
Brest	30.35	62	N	1	m	30.25	-.13	60	59	0	NE	1	o	1	1	68	57	-	
†Orient	30.26	66	NW	4	b	30.21	-.15	59	57	+	1	ENE	3	b	1	68	55	-	
†Rochefort	30.23	69	NW	7	bc	30.19	-.15	62	59	+	2	ENE	3	c	2	82	55	-	
Biarritz	30.23	68	N	4	b	30.15	-.17	64	59	+	2	E	3	b	2	72	54	-	
Corunna	*	*	*	*	*	29.97		66	63		NNE	7	b	4	*	70	50	-	
Brussels	*	*	*	*	*														
Charleville	30.28	64	NNE	2	bc	30.23	-.16	57	52	+	6	N	1	b	*	75	47	-	
Paris	30.29	68	NNE	3	c	30.22	-.17	62	59	-	1	NE	3	b	*	*	*	-	
Lyons	30.16	68	N	3	b	30.07	-.25	58	54	+	3	NNW	4	b	*	71	53	-	
Toulon	29.97	78	SW	4	b	29.86	-.22	?	60	?	Z	0	b	5	*	86	64	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.06	63	N	1	b	29.02	-.04	57	55	+	1	S	1	b	*	67	57	-	

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.			
Skudesnaes ...	30.32	60	57	S	2	0	4	Valencia	30.41	60	57	WNW	2	CV	3	
Sumburgh Head	30.18	61	56	SW	4	bc	3	Scilly	30.35	62	59	NNW	4	bc	3	
Stornoway ...	30.22	60	56	SW	5	c	4	Dover	30.35	60	57	ESE	2	og	1	
Aberdeen ...	30.26	67	60	SSE	3	b	1	London	30.34	65	61	W	1	og	*	
Shields ...	30.29	65	60	WNW	2	b	2	Yarmouth ...	30.34	59	57	ESE	1	c	2	
Ardrossan ...	30.31	61	60	W	1	o	1	Jersey ...	30.38	66	60	W	2	b	2	
Mullaghmore ..	30.33	63	59	W	1	ov	1	Rochefort ...	30.28	81	?	ENE	5	b	2	
Holyhead ...	30.35	61	59	NW	2	b	2	Ben Nevis 4406 ft. } 25.75 44 44 SW 3 f							max min RAIN	
																40 32 0.42

The rise of the barometer which was in progress in the W. this morning has now extended to all stations excepting London and Dover, and light NW & breezes seem to be settling in over England with fine weather.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark gloomy; h. hail; i. lightning; m. mist; n. overcast; 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

SUNDAY 30TH JULY.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

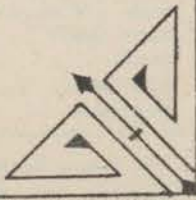
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Dangerfield, Lich & Bedford St. Court Garden.

WEATHER CHARTS

for 8 a.m. on

Sunday 30th JULY



1882

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.

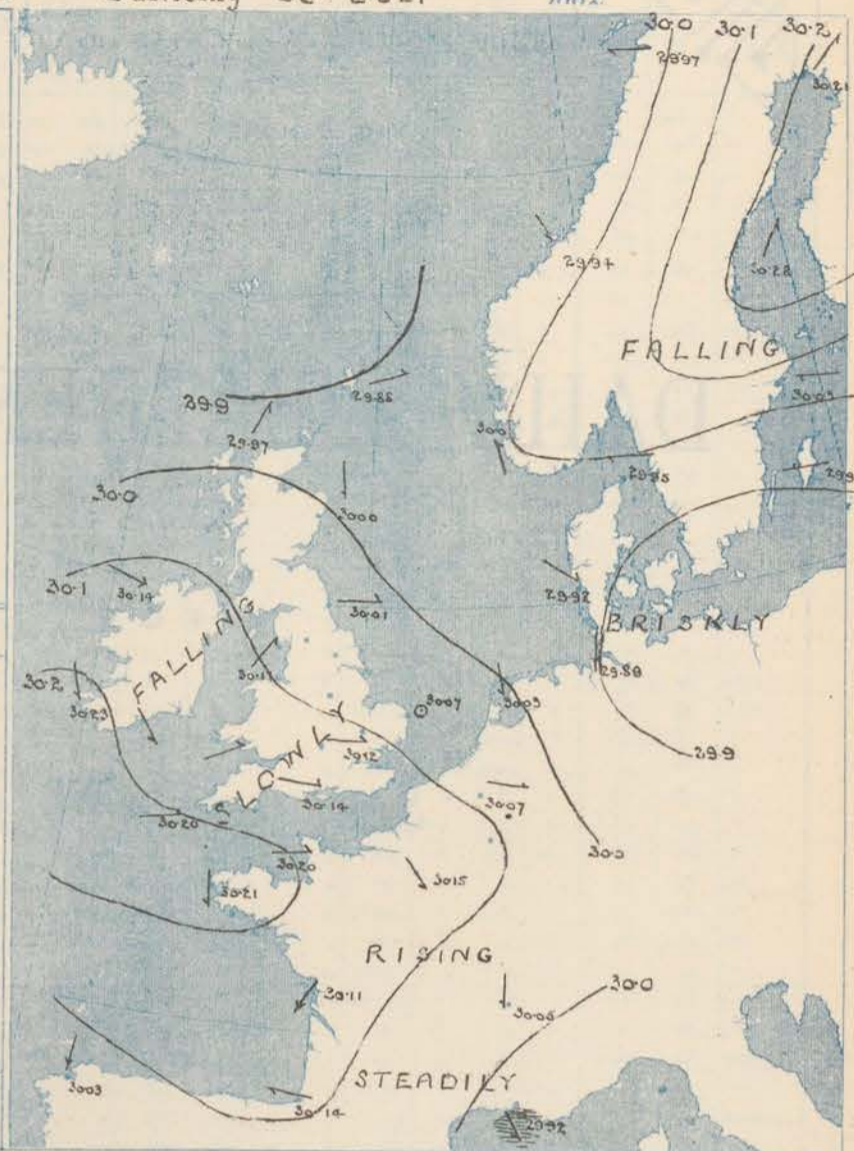
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10;
→ forces 5 to 7; → forces 1 to 4;
○ = dead calm.

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	29.923
Greencastle	29.917
Holyhead	29.946
Valencia	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.

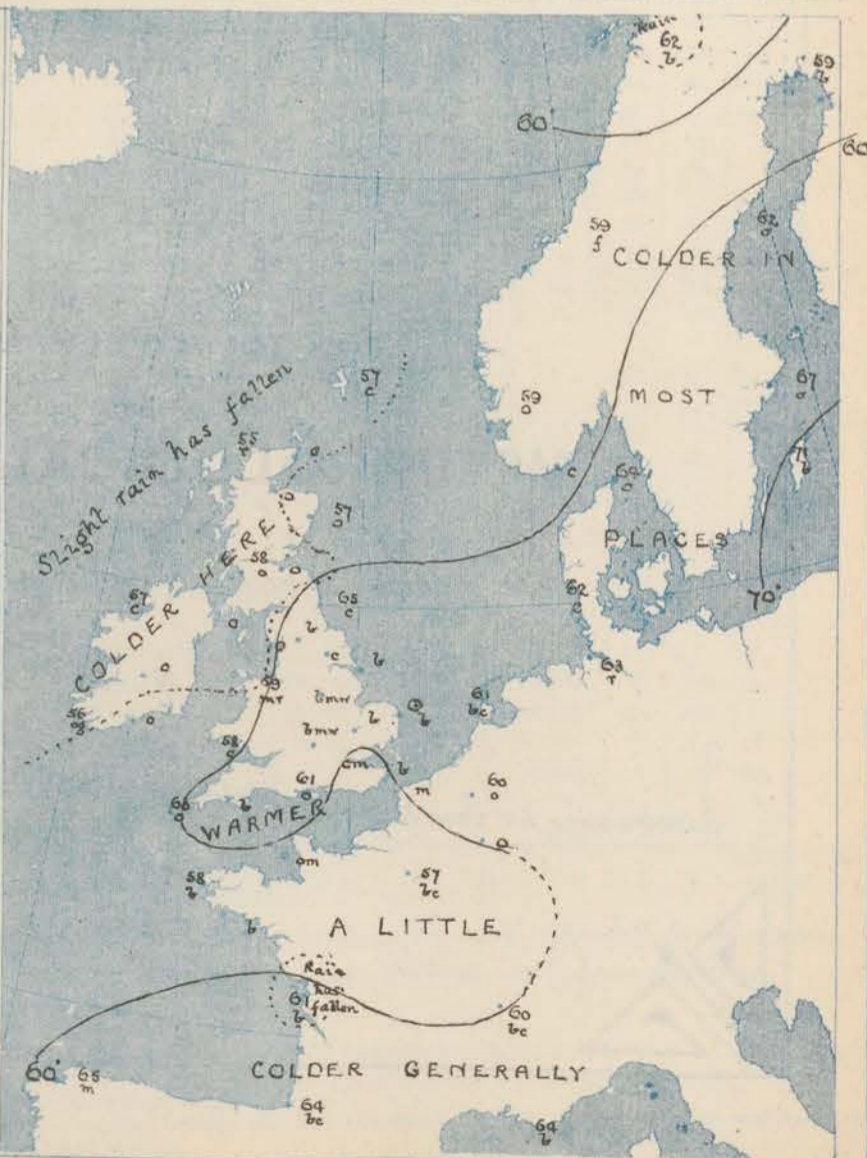
Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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
	°	ins.
Sumburgh Head	53.7	1.23
Sternoway	55.3	1.20
Aberdeen	58.3	2.47
Shields	60.0	2.40
York	61.0	2.06
Millaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	63.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
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 Sunday 30th July. 1882 at 8 a.m.

In the course of the past twenty-four hours the Barometer has fallen very generally. The change has been most decided on the eastern shores of the North Sea, and two large shallow depressions are found:—one to the N^W of Scotland, and the other over the southern portion of the Baltic. Light NW² breezes prevail over our Islands and the North Sea, but in France the wind draws into NE. The weather is very fine in France and the south of England, but elsewhere there is a great deal of cloud and at Stornoway and Cuxhaven rain is falling. Slight rain fell on all our extreme western and northern coasts yesterday. Temperature has fallen slightly in the north and east, and now ranges from 65° at Shields and Dover to 56° at Valencia and 55° at Stornoway. During yesterday the thermometer reached 75° at York, Loughboro', Cambridge, and in London. The sea is slight or smooth generally.

MAP SHOWING
DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

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

METEOROLOGICAL OBSERVATIONS FOR 30th JULY

1882

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.					
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	SHADE TEMP.		Difference from 8 a.m. yesterday.	Wind.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.						
			Dir.	Force. (0 to 12).			Dry.	Wet.						Max.	Min.							
Haparanda	30.17	58	SW	2	b	30.24	+ .08	59	55	3	SW	2	6	70	52	—						
Hernösand	30.29	57	2	0	b	30.28	+ .02	62	57	2	SSH	2	0	75	50	—						
Stockholm	30.19	63	E	2	0	30.03	— .29	67	61	1	E	4	0	75	54	—						
Wisby	29.87	64	E	4	0	29.91	— .32	71	65	6	E	4	0	72	54	—						
Bodö	30.10	58	S	2	c	29.97	— .05	62	56	8	E	2	0	72	52	0.04						
Christiansund	30.10	60	W	2	b	29.94	— .24	59	56	3	NW	1	f	64	50	—						
†Skudesnaes	30.16	60	SSH	2	0	30.01	— .27	59	55	0	SSE	2	0	64	59	—						
Oxö (Xiansund)	30.16	62	SW	2	b	29.99	— .27	59	55	3	NNW	2	0	68	55	—						
Skagen (The Skaw)	30.10	62	NE	2	b	29.95	— .33	64	59	2	E	4	0	72	61	—						
Fanö	30.08	62	N	2	c	29.92	— .34	62	59	3	NW	4	c	75	57	—						
Cuxhaven	30.10	?	ENE	2	b	29.89	— .36	63	61	1	N	6	r	70	59	0.04						
†Sumburgh Head	30.00	57	S	2	c	29.88	— .20	57	55	0	WSW	2	c	62	52	0.03						
†Stornoway	29.96	56	S	6	r	29.97	— .10	55	53	2	SW	4	r	59	51	0.18						
Wick	29.99	61	S	4	0	29.94	— .18	58	55	1	NW	2	0	69	52	0.02						
Nairn	30.02	66	SW	1	c	30.00	—	56	54	2	2	0	0	70	54	—						
†Aberdeen	30.04	64	S	3	b	30.00	— .17	57	53	7	NNW	1	0	68	52	—						
Leith	30.08	62	W	1	c	30.01	— .18	58	57	2	W	1	0	70	57	0.02						
†Shields	30.13	59	E	1	c	30.04	— .21	65	60	5	W	2	c	65	53	—						
Spurn Head	30.16	60	SE	3	c	30.06	— .17	60	58	1	NNW	3	0	63	57	—						
York	30.15	69	S	1	0	30.08	— .17	62	58	1	WNW	2	c	75	51	—						
Loughborough	30.14	71	2	0	0	30.11	— .14	64	58	6	2	0	0	75	54	—						
†Ardrossan	30.12	60	SW	2	c	30.05	— .15	58	56	1	NW	2	0	62	55	0.06						
†Mullaghmore	30.10	62	SW	4	0	30.14	— .06	57	54	0	WNW	5	c	65	55	0.11						
Donaghadee	30.14	60	SW	4	0	30.10	— .14	56	56	4	WNW	4	0	67	55	0.12						
Parsonstown	30.16	64	SW	1	0	30.17	— .09	56	55	1	NW	1	0	65	46	0.04						
Barrow-in-Furness	30.17	64	NW	2	b	30.09	— .15	60	59	4	SW	3	0	66	55	—						
†Holyhead	30.19	62	SW	3	b	30.11	— .15	59	58	1	SW	2	0	66	57	0.02						
Liverpool (Bidston)	30.16	65	WNW	2	b	30.08	— .18	62	59	4	WSW	1	0	67	56	—						
†Valencia	30.19	59	SSH	3	om	30.23	— .03	56	55	2	NNW	3	0	61	54	0.11						
Roche's Point	30.22	58	SW	4	0	30.15	— .09	57	55	1	NW	1	0	62	52	—						
Pembroke	30.19	60	WNW	2	b	30.14	— .11	58	58	0	SW	3	0	62	56	—						
†Scilly	30.23	61	NW	4	c	30.20	— .07	60	57	0	W	2	0	64	55	—						
Prawle Point	30.19	62	W	2	b	30.17	— .08	63	59	5	NNW	1	0	63	53	—						
Hurst Castle	30.18	61	WSW	3	c	30.14	— .12	61	59	1	WNW	2	0	67	56	—						
†Dover	30.16	63	E	4	b	30.13	— .12	65	61	2	W	2	0	65	54	—						
†London	30.16	67	2	0	om	30.12	— .14	59	58	1	WNW	1	om	75	52	—						
Oxford	30.15	64	2	0	c	30.12	— .14	60	58	3	WNW	1	om	74	54	—						
Cambridge	30.13	71	NE	1	b	30.11	— .13	61	58	1	NW	1	0	75	52	—						
†Yarmouth	30.18	64	ESE	2	b	30.07	— .19	61	59	1	2	0	0	66	52	—						
The Helder	30.14	62	N	1	b	30.03	— .24	61	58	0	NNW	3	0	68	61	—						
Cape Gris Nez	30.19	63	NE	4	m	30.11	— .16	60	59	1	SSH	1	m	68	55	—						
†Jersey	30.21	62	NW	2	b	30.20	— .16	58	57	2	W	1	om	65	54	—						
Brest	30.20	61	NNW	4	b	30.21	— .04	58	57	2	N	3	0	68	54	—						
Lorient	30.12	66	WNW	3	c	30.14	— .07	56	54	3	NNE	3	0	70	52	—						
†Rocheport	30.08	72	NNW	4	b	30.11	— .08	61	60	1	NE	5	0	77	55	0.08						
Biarritz	30.09	67	N	5	b	30.14	— .01	64	60	0	ESE	3	0	72	55	—						
Corunna	*	*	*	*	*	30.03	+ .06	65	63	1	NNE	7	m	75	59	—						
Brussels	*	*	*	*	*	30.07	— .16	60	57	4	WNW	4	0	72	54	—						
Charleville	30.17	69	NNE	1	b	30.11	— .12	60	57	3	N	1	0	77	55	—						
Paris	30.12	71	N	4	b	30.15	— .07	57	55	5	NW	1	0	*	*	—						
Lyons	29.97	68	N	3	b	30.05	— .02	60	56	2	N	3	0	70	57	—						
Toulon	29.81	?	?	?	c	29.92	+ .06	64	?	?	NW	3	0	95	61	—						
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																						
Hawes Junction	28.94	61	SW	2	b	28.94	— .18	55	55	2	WSW	2	0	66	48	—						

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30.23	64	60	SSH	2	c	2	Valencia ...	30.23	60	59	S	3	om	4
Sumburgh Head	30.05	56	54	S	3	c	3	Scilly ...	30.24	63	60	NW	4	be	3
Stornoway ...	30.04	58	56	S	6	o	5	Dover ...	30.19	65	61	E	4	b	2
Aberdeen ...	30.10	65	59	S	5	b	1	London ...	30.20	69	62	Z	0	mg	*
Shields ...	30.17	63	61	E	2	c	2	Yarmouth ...	30.21	66	62	E	2	b	1
Ardrossan ...	30.15	61	57	ESE	2	c	1	Jersey ...	30.25	65	62	NNW	2	be	2
Mullaghmore ...	30.14	62	59	SW	4	ogmr	3	Rocheport	30.13	71	66	NNW	4	o	3
Holyhead ...	30.22	63	59	SW	2	b	1	Ben Nevis 4406 ft. } Damp on 25 th	25.64	41	41	SW	6	f	47 39 0.03

The barometer continues to fall slowly and uniformly on all our coast, and while moderate SW^{ly} breezes prevail in the W. and N., E^{ly} winds are felt in the SE. The sea is smooth at Holyhead and Dover.

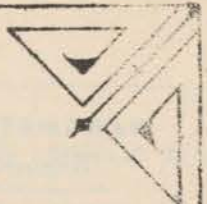
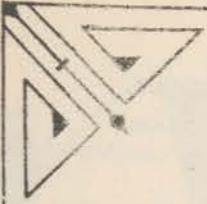
EXPLANATION OF COLUMNS.

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

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

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

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



DAILY WEATHER REPORT

FOR

MONDAY 31ST JULY

1882


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 MONDAY 31ST JULY

1882



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.

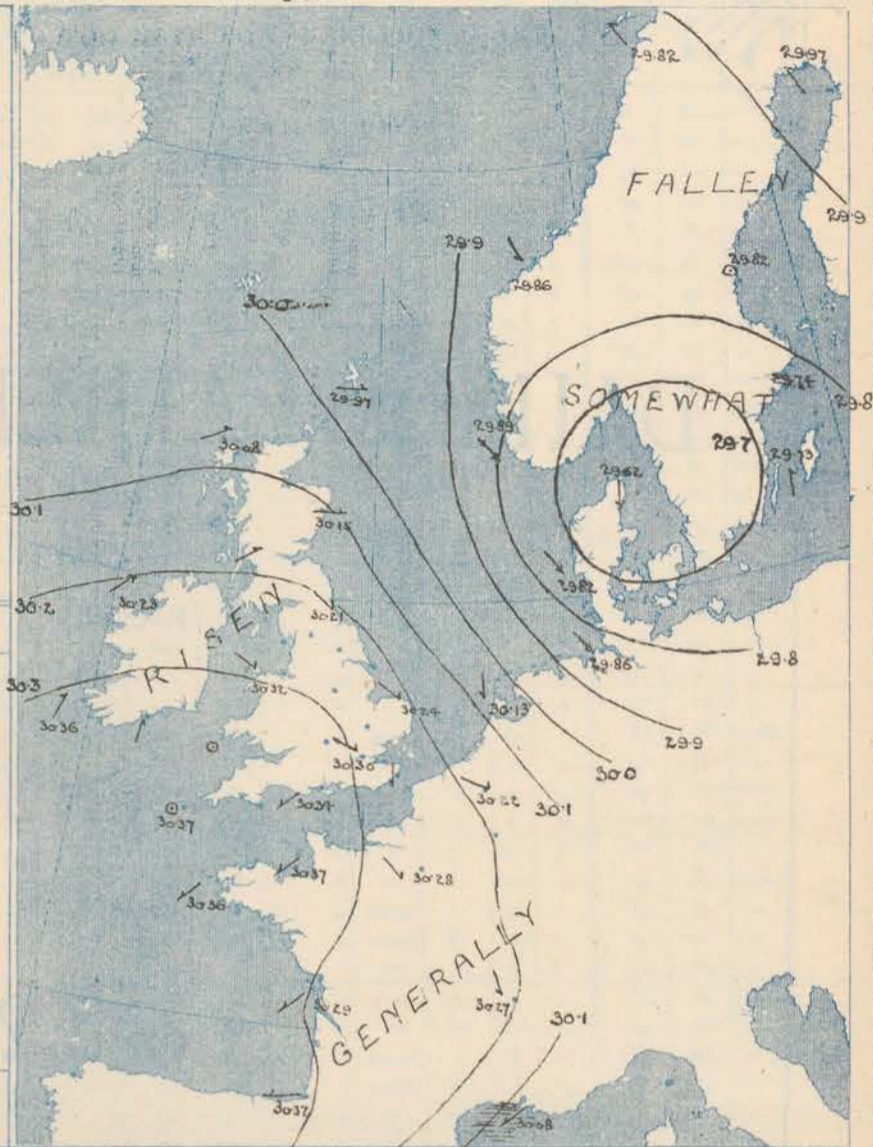
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus—
 → forces above 10; → forces 8 to 10
 → forces 5 to 7; → forces 1 to 4;
 ○ = dead calm.

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	29.883
Aberdeen	29.886
Leith	29.907
Scarborough	29.941
Ardrossan	29.923
Greenecastle	29.917
Holyhead	29.946
Valencia	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.

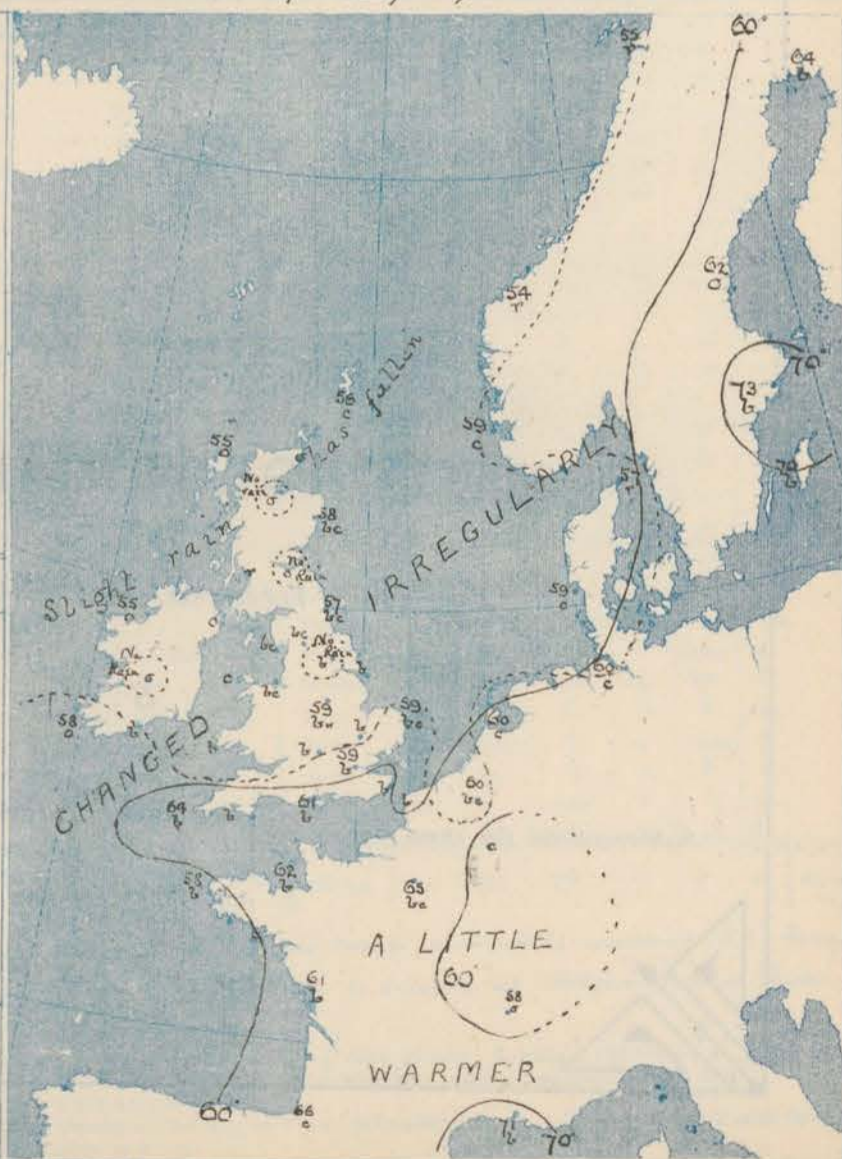
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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.
	°	ins.
Sundburgh 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
Mullaghmore	60.2	?
Holyhead	61.0	1.64
Parsonstown	60.7	2.79
Valencia	61.1	3.88
Sally (St Mary's)	62.3	2.49
Hurst Castle	62.8	?
Dover	62.7	2.03
LONDON	64.3	2.30
Furnmouth	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 31st JULY 1882 at 8 a.m.

The depression which lay to the N^o of our Islands yesterday has apparently joined the large area of low pressure to the E^o of the N. sea, and the barometer is rising at all our stations. A large anticyclone lies over the S.^o parts of Ireland and England and the NW. of France, and fine weather consequently prevails at all but our extreme western station, where the sky has become overcast. The wind is strong from NW. in Norway and Denmark but in our Islands it shows a distinct circulation round the anticyclone, being SW. in the N. of Ireland, W. in Scotland, NW. on the E. coast of England and NE. in the S. It is everywhere light or moderate in force. In the course of yesterday showers fell in many parts of the country. Temperature has changed irregularly and varies from 64° at Scilly to 55° on our NW. coasts. The highest readings recorded yesterday were 76° at Cambridge and 77° in London. The sea is slight or smooth generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1st AUGUST

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S ^{ly} to SW ^{ly} or W ^{ly} winds, moderate and fresh; cloudy, some rain.	6 SCOTLAND WEST	S ^{ly} to SW ^{ly} winds, light; cloudy, some rain.
2 SCOTLAND EAST	SW ^{ly} to W ^{ly} winds, moderate; fair to cloudy	7 ENGLAND N.W.	W ^{ly} to SW ^{ly} winds, light; fair generally.
3 ENGLAND N.E.	NW ^{ly} winds, light or moderate; fine.	8 ENGLAND S.W.	Calms, or light S ^{ly} airs; fine.
4 ENGLAND EAST	----- D° ----- D° ----- D° -----	9 IRELAND NORTH	SW ^{ly} to W ^{ly} winds, moderate and fresh; cloudy, some rain
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
5 ENGLAND SOUTH	Light winds, chiefly N ^{ly} ; fine, warm.	WARNINGS	NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 31st JULY 1882

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.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	30.08	62	Z	0	0	29.97	—	64	64	—	SE	4	bc	*	68	54	—		
Härnösand	29.93	61	NE	2	0	29.82	—	62	60	—	Z	0	0	*	72	48	—		
Stockholm	29.84	66	SE	2	b	29.74	—	70	68	—	SE	2	b	*	79	61	—		
Wisby	29.81	68	ESE	2	0	29.73	—	70	66	—	S	2	b	*	84	63	—		
Bodö	29.88	60	Z	0	r	29.82	—	55	54	—	ESE	2	r	1	67	54	0.20		
Christiansund	29.84	62	N	2	0	29.80	—	54	51	—	NW	4	r	3	68	50	0.24		
†Skudesnes	29.88	60	NW	2	0	29.89	—	54	54	—	NW	8	c	4	63	?	—		
Örö (Klamsund)	29.83	59	N	2	0	29.70	—	59	56	—	NW	4	0	2	64	54	0.39		
Skagen (The Skaw)	29.70	64	NNE	4	0	29.62	—	59	57	—	N	5	r	3	66	57	0.55		
Faro	29.81	59	N	4	r	29.82	—	59	56	—	NW	6	c	*	64	55	0.12		
Cuxhaven	29.82	?	N	6	r	29.86	—	60	59	—	NW	7	c	*	64	57	0.20		
†Sumburgh Head	29.91	57	WSW	2	bc	29.97	+	56	53	—	W	2	c	2	61	50	0.04		
†Stornoway	30.03	57	W	5	c	30.08	+	55	53	—	WSW	4	0	3	59	48	0.07		
Wick	30.00	57	NW	2	bc	30.08	+	55	52	—	NW	2	0	1	63	48	0.01		
Nairn	30.06	59	SW	3	bc	30.14	+	57	54	+	WSW	1	0	1	63	52	—		
†Aberdeen	30.04	58	SSW	1	cp	30.15	+	58	52	+	W	2	bc	1	65	47	0.04		
Leith	30.12	59	W	1	b	30.19	+	57	53	—	W	1	0	*	70	49	—		
†Shields	30.04	62	NNW	3	c	30.21	+	59	52	—	NW	3	bc	2	68	46	0.46		
Spurn Head	30.04	58	N	4	c	30.23	+	56	53	—	NW	4	bc	2	65	53	0.02		
York	30.06	63	NNW	2	b	30.26	+	58	53	—	NNW	1	b	*	67	46	0.03		
Loughborough	30.10	62	NW	3	c	30.30	+	59	54	—	WNW	3	bc	*	71	49	—		
†Ardrossan	30.10	61	NW	3	b	30.21	+	56	55	—	WSW	3	r	2	64	54	0.01		
†Mullaghmore	30.23	58	NNW	4	c	30.23	+	55	52	—	SW	5	ogm	4	61	54	0.03		
Donaghadee	30.21	58	NW	5	bc	30.28	+	55	54	—	WSW	2	0	0	62	47	0.01		
Parsonstown	30.26	63	NW	1	bc	30.33	+	55	53	—	SW	1	0	*	65	45	—		
Barrow-in-Furness	30.09	62	NNW	4	bc	30.24	+	57	54	—	NNW	3	bc	2	63	54	0.03		
†Holyhead	30.18	61	NW	2	c	30.32	+	59	56	—	NNW	2	c	1	62	52	0.03		
Liverpool (Bidston)	30.14	61	NNW	4	b	30.29	+	58	55	—	N	3	c	2	63	54	0.03		
†Valencia	30.31	60	NNW	2	bc	30.36	+	58	50	+	SSW	3	0	3	63	46	—		
Roche's Point	30.26	59	SSW	2	bc	30.26	+	58	55	+	SW	1	b	3	64	51	—		
Pembroke	30.19	60	N	2	c	30.35	+	58	55	—	Z	0	b	1	61	52	0.01		
†Scilly	30.22	61	NW	4	cf	30.37	+	64	62	+	Z	0	b	2	64	56	—		
Prawle Point	30.19	62	WSW	3	c	30.38	+	62	56	—	ENE	1	b	0	68	50	—		
Hurst Castle	30.13	68	NNW	3	c	30.34	+	61	53	—	NE	3	b	2	74	50	—		
†Dover	30.03	65	WSW	2	bc	30.27	+	62	58	—	N	3	b	1	68	54	0.06		
†London	30.09	70	NW	2	0	30.30	+	59	53	—	NNW	1	bm	*	77	50	—		
Oxford	30.16	59	NNW	2	c	30.33	+	58	53	—	NNW	3	b	*	70	49	0.13		
Cambridge	30.06	67	NW	1	0	30.29	+	59	53	—	NNW	1	b	*	76	48	0.04		
†Yarmouth	30.03	67	NW	2	c	30.24	+	59	56	—	NW	2	bc	2	69	52	—		
The Helder	29.98	64	NW	3	0	30.13	+	60	58	—	NNW	4	c	3	64	59	—		
Cape Gris Nez	30.08	63	W	5	c	30.26	+	58	56	—	NW	4	b	3	63	57	—		
†Jersey	30.21	61	W	3	bc	30.37	+	62	55	+	NE	3	b	3	66	57	—		
Brest	30.26	60	N	3	0	30.36	+	58	56	—	NE	3	b	1	63	55	—		
Lorient	30.16	66	NNW	4	b	30.29	+	60	59	+	NE	1	0	1	68	54	—		
†Roche fort	30.13	70	NW	5	b	30.29	+	61	57	—	NE	3	b	2	73	54	—		
Biarritz	30.20	68	N	4	bc	30.32	+	66	64	+	E	1	c	1	72	59	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.22	+	60	56	—	NNW	4	bc	*	69	57	0.04		
Charleville	30.04	62	NNE	4	0	30.20	+	59	56	—	N	3	c	*	77	58	—		
Paris	30.08	68	NW	3	b	30.28	+	65	61	+	NW	3	c	*	*	*	—		
Lyons	30.11	66	E	1	c	30.27	+	58	53	—	NNW	3	0	*	71	55	—		
Toulon	29.92	72	W	7	b	30.08	+	71	56	+	NE	1	b	5	81	63	—		

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

Hawes Junction	28.87	59	W	2	b	29.02	+	53	49	—	SSW	2	bc	*	60	42	0.17
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YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.				
Skudesnaes	29.91	63	60	SSW	3	c	3	Valencia	...								
Sumburgh Head								Scilly	...								
Stornoway	...							Dover	...								
Aberdeen	...							London	...				*				
Shields	...							Yarmouth	...								
Ardrossan	...							Jersey	...								
Mullaghmore	...							Roche fort	30.12	72	67	NW	5	b	2		
Holyhead	...							Ben Nevis 4406 ft	25.50	36	36	NE	4	f	4.5	36	0.22
								Same on 30 th									

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 6 p.m.

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

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 1882

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.			
1 st	Biarritz.....	30.10	70	NW	1	b	30.07	-.10	64	62	0	N	4	0	2	72	59	-			
"	Corunna.....	"	"	"	"	"	30.01	-.07	67	66	+ 3	N	4	0	2	73	59	1.16			
"	Boulon.....	29.95	66	W	7	0	29.87	-.14	65	58	0	NW	7	0	4	81	63	-			
3 rd	Corunna.....	"	"	"	"	"	30.02	?	66	64	?	NE	8	0	4	70	57	-			
5 th	Corunna.....	"	"	"	"	"	29.94	+ .02	64	61	+ 3	WSW	4	0	2	73	57	0.08			
6 th	Cuxhaven.....	29.55	"	SSW	2	0	29.58	-.11	59	58	- 5	S	3	0	"	75	55	0.52			
8 th	Ben Nevis (4406 ft)	-	-	-	-	-	29.89	+ .15	40	38	0	WSW	1	0	-	42	35	0.09			
10 th	Biarritz.....	30.05	64	W	4	0	30.01	+ .15	61	57	0	E	3	0	3	68	52	0.12			
"	Corunna.....	"	"	"	"	"	29.85	+ .01	65	62	+ 6	SW	4	0	3	68	55	0.12			
"	Ben Nevis (4406 ft)	-	-	-	-	-	25.11	-	39	39	-	S	3	0	-	48	37	0.09			
12 th	Cuxhaven.....	29.65	?	E	2	bc	29.49	-.28	59	59	- 1	E	4	"	"	66	57	0.15			
"	The Helder.....	29.50	59	E-NE	1	0	29.42	-.31	60	59	- 1	NE	4	"	2	64	59	1.06			
"	Corunna.....	"	"	"	"	"	30.14	+ .29	63	62	- 5	WNW	1	0	3	72	50	-			
"	Brussels.....	"	"	"	"	"	29.51	-.26	59	57	+ 1	WSW	3	0	"	66	56	0.35			
"	Charleville.....	29.66	65	W	4	c	29.52	-.36	56	53	0	NNW	4	0	"	65	54	0.39			
"	Lyon.....	29.87	69	S	1	0	29.99	-.03	57	53	- 3	SSW	1	"	"	73	53	0.12			
13 th	Spinn Head.....	29.86	60	Z	0	bc	29.86	+ .20	59	57	0	SSW	3	bc	2	64	55	0.01			
"	Corunna.....	"	"	"	"	"	29.90	-.24	64	61	+ 1	E	1	0	2	68	50	-			
14 th	Bernsund.....	29.50	60	NNW	2	b	29.68	+ .24	61	54	+ 1	SSW	2	0	"	72	50	-			
"	Stockholm.....	29.65	59	SW	2	b	29.78	+ .21	61	57	- 5	WSW	4	0	"	72	54	0.12			
"	Hälsby.....	29.69	62	W	4	b	29.81	+ .22	61	57	0	W	4	bc	"	75	57	-			
15 th	The Helder.....	29.74	62	SW	1	bc	29.65	-.04	65	62	+ 5	S	1	0	2	70	57	0.08			
"	Corunna.....	"	"	"	"	"	29.60	-	67	62	-	SW	4	"	3	79	59	0.08			
16 th	Corunna.....	"	"	"	"	"	30.05	+ .45	64	63	- 3	W	5	0	2	68	55	0.12			
"	Ben Nevis (4406 ft)	-	-	-	-	-	24.33	-	41	41	-	SE	9	f	"	49	39	0.28			
17 th	Corunna.....	"	"	"	"	"	30.10	+ .05	61	60	- 3	SSE	5	0	4	71	52	-			
"	Ben Nevis (4406 ft)	-	-	-	-	-	25.12	-	37	37	-	SSW	6	f	"	44	37	0.69			
18 th	Corunna.....	"	"	"	"	"	30.15	+ .05	71	69	+ 10	SSE	1	0	2	75	59	-			
"	Brussels.....	"	"	"	"	"	29.99	+ .08	61	58	- 1	SSW	1	0	"	72	58	-			
"	Ben Nevis (4406 ft)	-	-	-	-	-	25.08	-	39	39	-	SSW	5	f	"	42	36	0.31			
20 th	Skudonau.....	29.91	61	S	8	0	29.87	+ .11	60	59	- 1	S	4	0	3	70	57	0.28			
21 st	Corunna.....	"	"	"	"	"	30.16	-	64	61	-	E	1	0	0	77	50	-			
22 nd	Corunna.....	"	"	"	"	"	30.03	-.13	65	62	+ 1	WSW	1	0	3	77	59	-			
24 th	Alaparanda.....	29.80	59	Z	0	b	29.89	-	63	55	-	SW	2	0	"	66	52	-			
"	Bernsund.....	29.79	60	S	2	bc	29.84	-	55	50	-	S	2	0	"	72	50	-			
"	Stockholm.....	29.87	62	SSW	2	b	29.93	-	71	64	-	SSW	2	0	"	73	55	-			
"	Hälsby.....	29.87	63	W	2	b	29.91	-	65	62	-	S	2	0	"	73	59	-			
"	Bodö.....	29.63	66	Z	0	b	29.61	-.11	66	58	+ 7	ENE	2	0	1	73	59	-			
"	Christiansund.....	29.52	62	WSW	4	0	29.57	-.05	63	57	0	NE	2	bc	1	73	52	-			
"	The Helder.....	29.69	63	SSW	2	"	29.79	+ .04	61	56	- 1	SW	2	bc	2	68	59	0.28			
"	Corunna.....	"	"	"	"	"	30.01	?	62	61	- 3	E	4	0	7	72	54	0.16			
25 th	Roche fort.....	30.04	68	WSW	5	bc	29.88	-.11	61	59	- 2	S	5	"	2	72	55	0.32			
"	Corunna.....	"	"	"	"	"	29.92	-.09	65	64	+ 3	WSW	8	0	4	73	57	0.04			
29 th	Main.....	30.23	69	SW	2	b	30.14	-.08	62	56	+ 1	SW	4	0	2	71	51	-			
"	Corunna.....	"	"	"	"	"	30.23	-.14	56	54	- 2	N	1	0	"	67	52	-			
31 st	Corunna.....	"	"	"	"	"	30.12	+ .09	66	62	+ 1	NE	1	0	2	72	59	-			

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m. ins.	Air Temperature								Tension of Vapour ins.
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
0. SCOTLAND, N.	Sumburgh Head ...	29.645	55.1	50.1	59.4	54.8	43	27 th	63	17 th + 18 th	0.391
	Wick ...	29.643	57.0	50.6	63.0	56.8	42	26 th	69	29 th	.402
	Stornoway ...	29.615	56.5	51.3	61.0	56.2	44	9 th	66	1 st + 15 th	.406
1. SCOTLAND, E.	Nairn ...	29.646	57.9	51.5	65.4	58.5	44	1 st	71	22 nd + 28 th	.373
	Aberdeen ...	29.678	59.6	50.1	64.9	57.5	45	1 st + 26 th	71	14 th	.392
	Leith ...	29.694	57.8	51.5	67.1	59.3	45	11 th	76	2 nd	.382
2. ENGLAND, N.E.	Shields ...	29.744	59.1	51.0	65.1	58.1	45	27 th	70	11 th	.384
	York ...	29.797	58.5	51.4	67.6	59.5	44	1 st	75	29 th	.390
	Spurn Head ...	29.801	59.1	54.3	66.0	60.2	50	2 nd	71	3 rd , 14 th + 16 th	.415
3. ENGLAND, E.	Yarmouth ...	29.865	60.2	53.7	66.3	60.0	46	27 th	73	3 rd	.423
	Cambridge ...	29.863	60.1	50.8	69.7	60.3	41	27 th	76	30 th	.400
4. MIDLAND COUNTIES.	Loughborough ...	29.834	58.9	52.3	69.3	60.8	46	27 th	75	28 th + 29 th	.392
	Oxford ...	29.867	58.2	52.9	67.3	60.1	48	1 st , 10 th + 27 th	74	3 rd + 29 th	.412
5. ENGLAND S.	London ...	29.891	59.8	53.3	69.5	61.4	47	1 st	77	3 rd + 30 th	.403
	Dover ...	29.902	60.4	56.1	65.0	60.6	52	1 st	69	31 st	.433
	Hurst Castle ...	29.898	59.1	55.1	65.3	60.2	48	26 th	74	30 th	.441
6. SCOTLAND, W.	Ardrossan ...	29.695	58.0	53.2	62.4	57.8	49	26 th	70	1 st	.433
7. ENGLAND, N.W.	*Hawes Junction ...	28.552	53.7	48.1	60.5	54.3	42	1 st + 31 st	69	1 st	.356
	Barrow-in-Furness...	29.749	57.4	54.6	63.5	59.1	52	7 th , 26 th + 27 th	69	2 nd	.409
	Liverpool Obs ^r (Bidston)	29.776	58.7	53.3	64.8	59.1	49	8 th , 10 th + 17 th	70	3 rd + 14 th	.406
	Holyhead ...	29.773	58.0	53.8	62.1	58.0	50	27 th	67	1 st	.421
8. ENGLAND, S.W.	Pembroke ...	29.803	57.1	54.3	60.1	57.2	51	11 th	63	28 th + 31 st	.419
	Prawle Point ...	29.889	57.6	52.9	61.9	57.4	49	26 th	68	30 th	.429
9. IRELAND, N.	Donaghadee ...	29.722	57.4	51.7	63.8	57.8	47	31 st	70	3 rd	.417
	Mullaghmore ...	29.683	56.9	54.0	62.9	58.5	50	20 th	67	1 st	.389
10 IRELAND, S.	Parsonstown ...	29.753	56.4	50.2	64.0	57.1	42	26 th	69	3 rd	.380
	Valencia ...	29.773	57.6	52.1	62.3	57.2	46	26 th + 31 st	64	2 nd	.432
	Roche's Point ...	29.774	57.1	52.4	62.6	57.5	49	9 th + 26 th	68	2 nd	.398
CHANNEL ISLANDS.	Scilly (St. Mary's)...	29.855	59.2	54.7	63.0	58.9	51	7 th	66	31 st	.436
	Jersey (Noirmont)...	.960	59.0	54.8	64.4	59.6	53	11 th , 22 nd , 10 th + 27 th	68	1 st , 14 th + 27 th	.442

*Hawes Junction is 1.135 feet above mean Sea Level.

*Hawes Junction is 1,135 feet above mean Sea Level.

STATIONS in the BRITISH ISLANDS during the month of JULY 1882
at 8 a.m. daily.

Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of observations of								
					Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
90	7.1	1.90	0.59	22 nd	18	0	0	0	8	10	0	1	3	3	10	6	4	2	2	0
86	7.6	3.61	1.55	8 th	17	0	0	0	1	18	0	2	2	2	5	10	5	0	5	0
89	7.8	3.30	0.37	13 th	25	0	0	0	3	15	2	1	0	1	9	10	5	3	1	1
78	6.4	2.37	0.24	10 th	22	0	0	0	8	14	0	0		1	0	2	7	3	2	15
77	5.8	3.32	0.62	2 nd	18	0	0	0	8	10	1	2	1	0	2	14	7	1	2	2
80	6.3	4.37	0.59	13 th	28	0	0	0	5	12	0	2	2	0	1	4	8	10	1	3
76	7.7	3.66	0.55	10 th	22	0	0	0	1	12	1	2	0	1	0	1	17	8	2	0
80	5.6	3.32	0.47	27 th	22	0	0	0	10	13	0	2	1	0	0	12	9	6	1	0
83	4.5	1.11	0.17	27 th	22	0	0	0	8	3	0	2	0	0	3	8	12	3	3	0
82	3.5	2.88	1.37	11 th	18	0	0	0	11	0	0	2	1	0	0	5	14	5	3	4
76	6.3	2.20	0.81	11 th	19	0	0	0	7	13	0	4	1	0	0	6	18	1	1	0
79	7.0	3.40	0.55	11 th	24	0	0	0	3	14	6	0	1	1	3	3	9	10	2	2
85	7.3	3.07	0.83	11 th	21	0	0	0	5	15	0	1	1	0	2	9	13	1	2	2
78	6.6	1.84	0.48	8 th	18	0	0	0	5	11	0	2	0	2	1	5	16	4	1	0
83	3.5	2.18	0.28	6 th + 15 th	24	0	0	0	15	2	0	3	2	0	0	2	10	12	1	1
88	6.6	1.80	0.42	17 th	15	0	0	0	3	6	5	0	2	1	1	1	6	14	4	2
89	7.7	5.17	0.78	23 rd	24	0	0	0	3	17	0	0	1	0	2	10	12	3	3	0
87	7.3	10.76	1.31	23 rd	27	0	0	0	6	19	0	2	1	1	0	9	12	5	1	0
87	7.1	5.29	0.80	3 rd	20	0	0	0	3	14	4	0	2	3	5	4	13	1	3	0
82	7.9	4.53	0.64	25 th	24	0	0	0	2	16	0	0	0	1	7	6	12	5	0	0
87	6.0	4.46	0.72	27 th	25	0	0	0	8	8	0	1	1	1	0	5	18	3	2	0
89	6.4	5.58	1.06	11 th	23	0	0	0	4	10	2	2	0	0	1	4	12	8	3	1
90	5.5	2.40	0.36	14 th	19	0	0	0	6	6	4	1	1	1	0	8	12	3	2	3
89	7.6	4.02	0.53	20 th	26	0	0	0	2	13	1	1	2	1	1	2	10	9	5	0
84	7.6	4.41	0.68	3 rd	27	0	0	0	1	8	5	1	0	1	1	5	13	6	2	2
84	7.9	4.34	0.76	17 th	25	0	0	0	2	19	0	3	0	0	3	4	7	10	4	0
90	8.7	6.71	0.83	16 th	28	0	0	0	0	21	6	2	1	0	0	5	11	8	3	1
85	6.3	6.62	0.96	14 th	23	0	0	0	7	11	1	4	1	0	0	5	12	6	3	0
88	7.7	4.42	0.49	10 th	22	0	0	0	2	13	8	3	0	1	0	2	12	9	3	1
89	6.4	3.05	0.65	10 th	17	0	0	0	6	11	4	0	2	0	1	4	11	8	3	2

Barometric Observations are not corrected for altitude.

of Vapour and Relative Humidity are transposed.

2. CORRECTIONS