

METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER.

1884.

Sec. Reg. Lond.

DAILY WEATHER REPORT.

July to December 1884.



DAILY WEATHER REPORT

for *Tuesday 1st July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)				Max.	Min.	
Haparanda	30.32	60	2	0	6	30.34	+0.06	61	55	-1	8	4	6	*		73	52	-
Hernösand ...	30.30	57	2	0	6	30.31	+0.04	59	55	-2	SSW	2	6	*		73	48	-
Stockholm ...	30.33	60	2	0	6	30.39	+0.05	69	58	+5	ESE	2	6	*		75	50	-
Wisby ...	30.24	60	E	4	6	30.26	+0.03	70	61	+4	E	4	6	*		75	52	-
Bodö	30.22	64	2	0	6	30.28	+0.06	55	53	-3	H	2	0	*		68	54	0.04
Christiansund ...	30.23	63	NE	1	6	30.23	+0.06	61	57	-1	2	0	e	0		66	54	-
† Skudesnaes ...	30.20	62	2	0	e	30.21	+0.01	61	61	+1	E	2	0	2		68	57	-
Oxö (Ålansund) ...	30.21	63	ESE	4	6	30.24	+0.03	59	59	-1	NE	4	m	3		64	57	0.51
Skagen (The Skaw) ...	30.23	63	ESE	2	e	30.26	+0.02	65	61	+4	E	3	e	2		75	59	-
Fanö	30.22	64	2	0	6	30.28	+0.06	55	53	-3	H	2	0	*		68	54	0.04
Cuxhaven ...	30.15	63	E	1	6	30.21	+0.07	69	66	+5	H	1	m	*		75	56	0.06
† Sumburgh Head	30.09	55	SSW	5	e	30.23	+0.18	56	55	+2	NE	2	0	3		58	50	-
† Stornoway ...	30.08	59	N	3	6	30.17	+0.18	52	52	-4	E	3	f	2		66	49	-
Wick ...	30.10	58	S	1	e	30.20	+0.19	66	55	+1	2	0	f	0		65	52	-
Nairn ...	30.08	62	NE	1	e	30.19	+0.21	56	54	-8	2	0	d	1		75	52	0.01
† Aberdeen ...	30.06	59	ESE	2	0	30.19	+0.15	55	54	-4	ESE	1	f	1		66	53	-
Leith ...	30.04	65	SE	1	m	30.17	+0.15	56	55	-2	ESE	1	m	*		68	52	-
† Shields ...	30.06	58	E	2	e	30.17	+0.16	54	54	-7	ENE	1	om	3		62	57	-
Spurn Head ...	30.05	61	SE	3	e	30.16	+0.14	63	60	+3	ENE	2	e	3		64	57	-
York ...	30.05	70	N	1	e	30.16	+0.13	65	61	+4	H	1	6	*		76	58	-
Loughborough ...	30.07	69	WNW	2	0	30.17	+0.10	66	62	+5	H	1	om	*		75	52	-
† Ardrossan ...	30.04	60	2	0	e	30.15	+0.13	57	56	-2	ENE	1	om	1		68	54	-
† Mullaghmore ...	30.10	58	WNW	4	0	30.16	+0.17	57	56	-1	WSW	1	om	2		59	50	0.04
Donaghadee ...	30.07	57	S	1	e	30.17	+0.14	52	52	-2	N	1	f	0		64	50	-
Parsonstown ...	30.10	62	WNW	1	0	30.20	+0.18	53	51	-7	2	0	f	*		64	42	-
Barrow-in-Furness	30.07	62	WNW	2	e	30.13	+0.11	61	60	+4	N	2	0	2		65	57	-
† Holyhead ...	30.07	62	SSW	3	0	30.16	+0.12	61	58	+2	SSW	1	6	1		65	54	-
Liverpool (Bidston)	30.08	64	NW	1	e	30.14	+0.09	64	59	+1	SW	1	6	0		71	59	-
† Valencia ...	30.15	60	NW	1	6	30.17	+0.06	58	54	-1	SE	2	om	3		63	45	-
Roche's Point ..	30.11	64	WNW	3	6	30.20	+0.14	57	54	-4	WNW	1	6	2		67	50	-
Pembroke ...	30.08	59	SSW	2	6	30.17	+0.10	58	56	-2	NW	2	6	1		62	52	-
† Scilly ...	30.13	62	WNW	4	e	30.20	+0.12	63	56	+2	WSW	1	6	3		65	54	-
Prawle Point ...	30.14	59	S	2	f	30.23	+0.09	59	55	+1	WSW	2	6	1		63	50	0.03
Hurst Castle ...	30.18	64	WSW	4	6	30.18	+0.06	57	56	-5	SW	1	m	2		67	55	-
† Dungeness ...	30.13	65	SSW	3	e	30.23	+0.14	59	57	-2	SSW	1	0	2		64	56	-
† London ...	30.12	70	S	1	e	30.21	+0.11	66	61	+5	SE	2	e	*		74	55	-
Oxford ...	30.11	68	WSW	1	6	30.19	+0.10	62	59	+3	SE	1	e	*		73	57	-
Cambridge ...	30.06	65	N	1	6	30.18	+0.11	68	64	+4	SSW	1	6	*		75	53	-
† Yarmouth ...	30.08	64	SE	1	6	30.18	+0.15	65	62	+1	2	0	6	1		69	57	-
The Helder ...	30.11	62	SSW	1	6	30.20	+0.15	64	61	0	SSW	1	6	1		68	57	-
Cape Griz Nez...	?	61	SW	4	6	?	?	57	57	-2	SW	4	f	3		66	57	-
† Jersey ...	30.18	63	H	1	om	30.23	+0.07	60	59	0	WSW	1	agm	1		66	57	-
Brest ...	30.19	61	SW	3	0	30.22	+0.03	61	60	+1	SE	1	0	2		66	57	-
Lorient ...	30.20	68	NW	5	6	30.23	-0.01	66	61	+7	ESE	4	6	2		72	54	-
† Rochefort ...	30.20	68	NW	5	6	30.23	-0.01	66	61	+7	ESE	4	6	2		72	54	-
Biarritz ...	30.14	65	N	5	6	30.14	-0.05	66	61	+2	E	1	6	1		70	59	-
Corunna ...	?	?	?	?	?	30.23	+0.13	64	57	+6	N	1	6	*		74	56	-
Brussels ...	?	?	?	?	?	30.21	+0.10	59	55	-2	N	1	6	*		76	51	-
Charleville ...	?	?	?	?	?	30.27	+0.10	64	60	+3	WNW	1	6	*		?	?	-
Paris ...	30.17	68	N	3	6	30.27	+0.10	64	60	+3	WNW	1	6	*		?	?	-
Lyons ...	30.06	75	N	4	6	30.19	+0.12	64	57	-1	WNW	3	6	*		79	60	0.32
Toulon ...	30.20	68	S	1	6	30.26	+0.20	71	64	+2	2	0	m	0		81	64	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dargfield Lith. London.

WEATHER

for 8 a.m. on Tuesday

CHARTS

1st JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

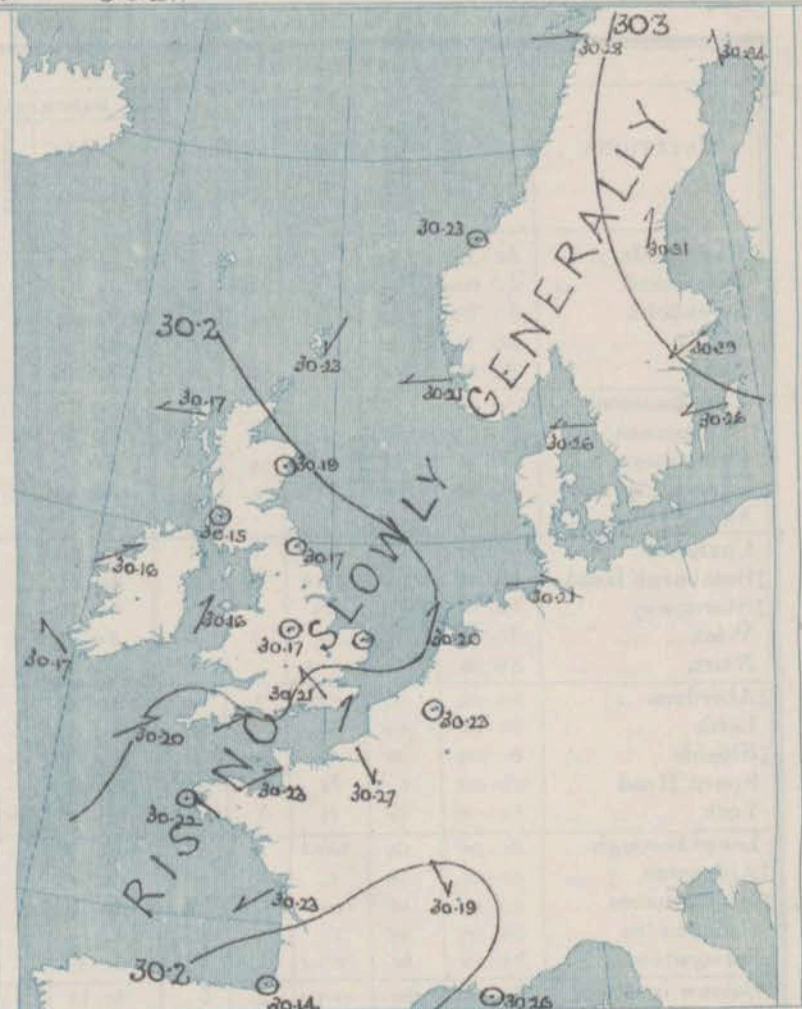
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — force above 10; * — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ⊙ — dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Ballyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

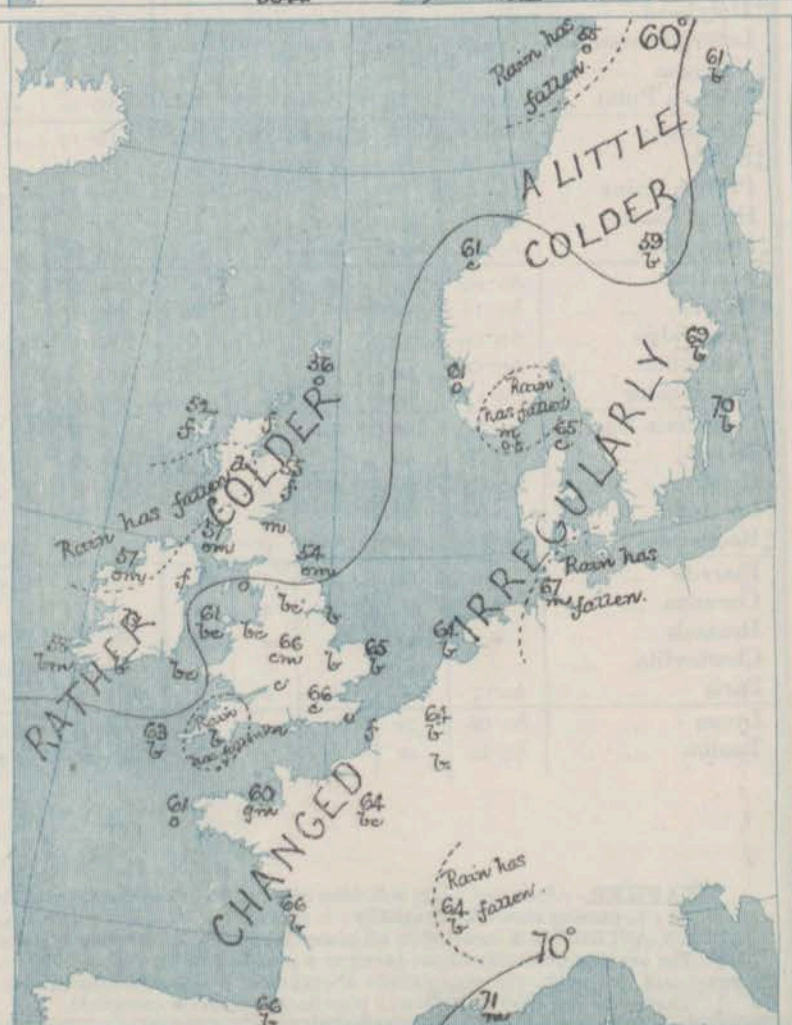
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	53.7	52.2	2.06
Stornoway	56.4	59.3	3.00
Wick	56.2	53.9	2.19
Nairn	57.4	53.7	2.55
Aberdeen	57.9	54.9	2.80
Leith	59.1	55.9	2.62
Shields	58.6	55.5	2.56
York	59.7	56.5	2.41
Ardrossan	57.8	54.8	2.82
Donaghadee	57.7	56.9	2.56
Ballyhead	54.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.59
Roche's Point	59.1	56.0	3.07
Pembroke	58.6	56.2	2.12
Scilly	60.3	58.2	1.96
Hurst Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.82
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.91
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Tuesday 1st July

1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to rise generally, and pressure over Western Europe is now very uniform. The distribution is, however, somewhat irregular, the highest readings being found over Sweden, while areas of relatively low pressure exist over our islands and the south of France. The wind is light from the E^{ly} in the south of Norway, and also over the greater part of Scotland, but elsewhere variable airs are reported. The weather is foggy or misty at nearly all the northern stations, but fair in the south. During yesterday a little rain fell on the eastern shores of the North Sea, and slight showers at Mullaghmore and Rawle Point. Temperature has fallen a little in the west and north, and readings now range from 68° at Cambridge to 52° at Stornoway and Donaghadee. The highest maxima registered yesterday were 76° at York and 75° at Kilm, Loughborough and Cambridge. The sea is slight or smooth generally.

Over the south of England there are indications of the presence of one or two shallow local depressions. These are likely to occasion showers and perhaps thunder within the ensuing twenty-four hours.

FORECASTS

for the 24 hours ending at NOON on 2nd JULY 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E ^{ly} or SE ^{ly} winds, light; fair generally.	6 { SCOTLAND WEST	Same as No 2
1 { SCOTLAND EAST	-----D ^{ly} -----D ^{ly} -----D ^{ly} -----	7 { ENGLAND N.W.	Same as No 2
2 { ENGLAND N.E.	Light variable airs; fair generally.	8 { ENGLAND S.W.	Light variable airs; fine to unsettled and thundery
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Light variable breezes; fair at first; less settled later perhaps thundery
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D ^{ly} -----D ^{ly} -----D ^{ly} -----
5 { ENGLAND SOUTH	SW ^{ly} or S ^{ly} winds, light; changeable, some showers and perhaps thunder.	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.17	68	66	W	4	C	3	Valencia	30.15	62	56	NW	3	bc	3
Sumburgh Head	30.08	55	54	SE	4	O	4	Scilly	30.12	65	61	WNW	3	C	4
Stornoway	30.03	66	59	W	3	C	2	Dover	30.11	68	61	WNW	3	C	1
Aberdeen	30.05	61	57	SSE	1	bc	1	London	30.09	73	61	WNW	3	bc	*
Shields	30.03	59	58	E	2	C	2	Yarmouth	30.07	65	61	NE	2	C	2
Ardrossan	30.03	68	60	Z	0	C	0	Jersey	30.17	65	61	WNW	2	C	2
Mullaghmore	30.08	56	54	WNW	5	O	4	Rochefort	30.28	70	63	NW	5	bc	2
Holyhead	30.07	62	60	SSW	3	O	3								

REMARKS.

The barometer is rising in most places and the wind on our western coasts has veered to the NW^d. The weather is fair generally. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Wednesday 2nd July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

† YESTERDAY EVENING.														8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 5 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather	Sea, (0 to 9).	SHADE TEMP.											
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dir.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.									
Haparanda	30.20	55	S	2	b	30.20	— .14	67	61	— 6	N	2	b	*	75	52	—									
Hernösand ...	30.27	63	S	2	b	30.26	— .05	68	61	— 7	SW	2	b	*	75	45	—									
Stockholm ...	30.36	63	SSE	2	b	30.34	— .05	70	60	— 1	ESE	2	b	*	51	52	—									
Wisby ...	30.27	63	ESE	2	b	30.27	— .04	66	62	— 4	NE	4	b	*	70	55	—									
Bodö ...	30.26	59	Z	0	b	30.21	+ .23	54	51	— 1	Z	0	b	0	61	52	0.04									
Christiansund ...	30.26	65	ENE	2	b	30.21	— .02	65	61	— 4	SSW	1	b	2	68	51	—									
† Skudesnaes ...	30.25	59	Z	0	b	30.22	+ .01	61	59	— 2	WNW	2	b	2	68	59	—									
Örö (Klansund) ...	30.24	63	ENE	2	b	30.28	+ .04	56	55	— 3	SSW	2	b	2	63	55	0.16									
Skagen (The Skaw) ...	30.24	66	ESE	2	b	30.25	— .01	67	64	— 3	Z	0	b	0	75	63	0.16									
Fanö ...	30.26	55	NNW	1	m	30.23	+ .04	53	59	— 1	NNW	1	b	*	72	50	—									
Cuxhaven ...	30.25	66	NNW	2	m	30.22	+ .01	67	66	— 1	NE	2	b	*	?	59	0.08									
† Sumburgh Head ...	30.22	58	E	2	b	30.10	— .04	55	55	— 1	E	2	b	2	62	50	—									
† Stornoway ...	30.15	56	S	2	f	30.14	— .03	54	54	— 2	E	2	f	1	61	45	—									
Wick ...	30.20	56	Z	0	f	30.17	— .03	54	53	— 2	S	1	f	0	59	50	—									
Nairn ...	30.20	56	Z	0	f	30.17	— .03	54	53	— 2	S	1	f	0	59	50	—									
† Aberdeen ...	30.20	54	ESE	1	f	30.18	— .01	54	53	— 1	SSE	2	f	2	59	52	—									
Leith ...	30.17	60	E	1	b	30.17	— .00	54	54	— 2	E	1	fd	*	64	52	0.02									
† Shields ...	30.17	55	NE	1	f	30.16	— .01	50	50	— 2	NE	1	fd	2	56	53	—									
Spurn Head ...	30.14	64	ESE	4	b	30.15	— .01	57	57	— 6	WNW	2	f	2	64	56	—									
York ...	30.15	64	E	2	b	30.17	+ .01	58	57	— 7	W	1	m	*	72	54	0.02									
Loughborough ...	30.16	73	SW	2	b	30.18	+ .01	59	57	— 2	Z	0	cm	*	77	49	—									
† Ardrossan ...	30.14	61	SSE	1	b	30.16	+ .01	56	55	— 1	SSW	4	b	1	66	54	—									
† Mullaghmore ...	30.13	63	N	1	b	30.11	— .05	62	59	— 3	NNE	2	cm	2	63	56	—									
Donaghadee ...	30.16	57	SSE	1	b	30.17	— .00	58	58	— 1	S	1	f	0	60	58	—									
Parsonstown ...	30.15	67	Z	0	b	30.14	— .04	61	57	— 8	Z	0	og	*	68	52	—									
Barrow-in-Furness ...	30.16	64	NN	2	b	30.18	+ .05	56	55	— 5	E	1	b	2	68	54	—									
† Holyhead ...	30.18	60	SSW	2	b	30.18	+ .02	60	56	— 1	S	2	b	1	67	53	—									
Liverpool (Bidston) ...	30.18	60	NN	1	b	30.19	+ .05	63	56	— 1	W	1	b	1	70	55	—									
† Valencia ...	30.15	59	SSE	5	mm	30.11	— .06	61	60	— 3	SE	4	b	5	62	57	0.06									
Roche's Point ...	30.22	63	SSW	3	b	30.17	— .03	64	61	— 7	S	2	b	3	66	55	—									
Pembroke ...	30.21	61	SSW	1	b	30.18	+ .01	58	56	— 2	SE	1	b	1	62	52	—									
† Scilly ...	30.20	63	Z	0	b	30.14	— .06	63	59	— 4	E	2	b	3	67	55	—									
Prawle Point ...	30.22	60	SW	2	b	30.19	— .04	60	57	— 3	ENE	2	b	1	64	55	—									
Hurst Castle ...	30.22	63	SW	2	b	30.20	+ .02	61	58	— 3	ESE	1	b	0	67	51	—									
† Dungeness ...	30.22	67	SSW	4	b	30.19	— .04	60	57	— 3	SW	1	b	2	?	52	—									
† London ...	30.17	71	W	2	b	30.19	— .02	65	59	— 1	W	1	b	*	76	52	—									
Oxford ...	30.19	64	S	1	b	30.19	— .00	61	57	— 1	Z	0	b	*	71	52	—									
Cambridge ...	30.16	7	SW	1	b	30.17	— .01	66	61	— 2	SW	1	b	*	77	49	—									
† Yarmouth ...	30.19	63	SSE	3	b	30.18	— .00	62	62	— 3	SE	1	b	1	68	58	—									
The Helder ...	30.21	65	NNE	1	b	30.18	— .02	67	63	— 4	ENE	1	b	1	72	63	—									
Cape Griz Nez ...	?	58	SW	3	f	?	?	60	60	— 2	Z	0	b	0	63	54	—									
† Jersey ...	30.21	66	NE	1	b	30.17	— .06	66	62	— 4	ENE	1	b	1	69	57	—									
Brest ...	30.19	69	NNE	4	b	30.14	— .14	63	60	— 3	E	5	b	4	70	57	—									
Lorient ...	30.17	68	WNW	3	b	30.14	— .03	63	60	— 3	E	4	b	1	77	55	—									
† Rochefort ...	30.17	74	NN	4	b	30.15	— .08	68	62	— 6	ENE	5	b	2	82	50	—									
Biarritz ...	30.04	69	N	5	b	30.05	— .09	70	66	— 4	Z	0	b	0	84	68	—									
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?									
Brussels ...	?	?	?	?	?	30.16	— .07	66	62	— 4	NE	1	b	*	77	59	—									
Charleville ...	No observation					30.15	— .06	65	59	— 6	ENE	1	b	*	79	53	—									
Paris ...	30.19	73	NNW	1	b	30.19	+ .00	66	61	— 5	Z	0	b	*	?	?	—									
Lyons ...	30.09	80	N	1	b	30.11	— .08	67	59	— 8	N	1	b	*	84	63	—									
Toulon ...	30.24	78	SW	3	m	30.22	— .04	68	62	— 6	E	1	m	1	82	61	—									

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by D. B. Doughty, Lith. London.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 2ND JULY. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes 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 thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.799
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrossan.	29.864
Donaghadee.	29.878
Holyhead.	29.894
Liverpool.	29.910
Valencia.	29.944
Roches Point.	29.940
Pembroke.	29.942
Scilly.	29.986
Hurst Castle.	29.961
Dover.	29.959
LONDON.	29.865
Oxford.	29.941
Cambridge.	29.837
Yarmouth.	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather — is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	53.7	52.2	2.06
Stornoway.	56.4	54.3	3.00
Wick.	56.2	53.9	2.19
Nairn.	57.4	53.7	2.55
Aberdeen.	57.9	54.4	2.60
Leith.	58.1	55.9	2.62
Shields.	58.8	56.5	2.56
York.	59.7	56.5	2.47
Ardrossan.	57.8	54.8	2.82
Donaghadee.	57.7	56.9	2.56
Holyhead.	58.3	56.1	2.19
Liverpool.	59.8	56.1	3.01
Valencia.	59.0	56.2	3.53
Roches Point.	58.1	56.0	3.07
Pembroke.	58.5	56.7	2.12
Scilly.	60.3	58.2	1.96
Hurst Castle.	61.7	59.2	2.31
Dover.	63.0	59.2	1.92
LONDON.	62.5	58.6	2.36
Oxford.	60.4	57.1	2.60
Cambridge.	61.3	58.0	2.41
Yarmouth.	61.4	58.4	2.82

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



for *Wednesday 2nd July 1884, at 8 a.m.*

The fall of the barometer in the west may possibly indicate the advance of low pressure systems from the Atlantic, but at all our Eastern and South-Eastern stations the weather is likely to remain fine for the present.

for the 24 hours ending at NOON on 3rd July 1884.
(Issued at 11 a.m. on the previous day.)

Frederick Hungerford, Lith. London, 1831.

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.26	60	61	ENE	4	c	2	Valencia	30.16	61	58	SE	5	0	5
Sumburgh Head	30.23	59	56	ENE	2	b	2	Scilly	30.21	65	58	S	1	b	3
Stornoway	30.17	60	57	S	2	c	1	Dun. Ness	30.23	62	59	SSW	4	0	4
Aberdeen	30.20	57	55	SE	2	c	2	London	30.19	70	61	SW	1	c	*
Shields	30.18	55	55	NE	1	m	2	Yarmouth	30.19	66	63	SE	3	b	2
Ardrossan	30.16	58	57	SSW	1	o	2	Jersey	30.23	68	64	2	o	o	o
Mullaghmore	30.16	61	57	NNW	2	c	2	Rochefort	30.21	75	74	NW	4	b	2
Holyhead	30.15	66	61	SW	1	bc	1								

REMARKS.

Scarcely any change has occurred since the morning. Light and somewhat variable breezes prevail generally with fair weather in most places. The sea is rather rough at Valencia, slight or smooth elsewhere.

DAILY WEATHER REPORT

for Thursday 3rd July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Whitehall.																	
† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.	
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (9 to 9).	SHADE TEMP.			
			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.	Amount of Rainfall.	
Haparanda	30.17	68	2	0	8	30.12	- 08	69	62	+ 2	2	0	6	*	84	54	-
Härnösand ...	30.17	72	SW	2	8	30.15	- 11	68	62	0	2	0	6	*	81	50	-
Stockholm ...	30.24	67	2	0	6	30.18	- 16	68	64	- 2	ESE	2	6	*	82	55	0.24
Wisby ...	30.22	66	SE	4	6	30.15	- 07	67	60	+ 1	SE	2	6	*	77	55	-
Bodö ...	30.22	59	NNE	2	6	30.08	- 23	58	55	+ 4	NNE	2	6	1	61	52	-
Christiansund ...	30.16	62	W	1	6	30.12	- 09	62	58	- 3	W	1	6	1	66	57	-
Skudesnaes ...	30.25	55	W	2	6	30.15	- 07	57	55	- 4	2	0	0	2	63	55	-
Oxö (Xiansund) ...	30.20	60	SW	2	6	30.09	- 19	62	60	+ 6	SE	2	W	1	63	53	-
Skagen (The Skaw) ...	30.17	65	2	0	0	30.12	- 13	65	63	- 2	2	0	0	0	73	63	-
Fanö ...	30.14	63	ESE	1	6	30.10	- 13	69	66	+ 6	ESE	2	6	*	73	59	-
Cuxhaven ...	30.14	68	NNE	1	6	30.10	- 12	2	66	2	ESE	1	W	*	68	60	-
Sumburgh Head ...	30.13	54	SSE	3	W	30.08	- 11	53	53	- 2	SSE	3	6	3	57	50	-
Stornoway ...	30.07	64	SSE	1	W	30.00	- 14	55	55	+ 1	2	0	0	0	64	47	-
Wick ...	30.09	54	S	1	6	30.04	- 13	54	54	0	2	0	0	0	56	50	-
Nairn ...	30.08	55	2	0	6	30.04	- 13	55	54	0	2	0	1	1	58	43	0.02
Aberdeen ...	30.11	56	SSE	1	6	30.06	- 12	55	54	+ 1	SSE	1	6	1	61	52	0.01
Leith ...	30.08	68	ESE	1	6	30.04	- 13	54	53	0	SE	1	W	*	62	52	-
Shields ...	30.08	57	NE	1	6	30.04	- 12	54	54	- 2	NE	2	6	2	66	52	-
Spurn Head ...	30.07	63	ESE	3	6	30.05	- 10	61	60	+ 4	NW	1	6	2	65	56	-
York ...	30.07	72	S	1	6	30.06	- 11	58	57	0	NW	1	6	*	75	51	-
Loughborough ...	30.09	72	SW	2	6	30.05	- 13	64	59	+ 5	WNW	1	6	*	78	49	-
Ardrossan ...	30.07	62	SEW	1	6	30.02	- 14	59	56	+ 3	ESE	1	6	1	68	50	-
Mullaghmore ...	30.02	62	SSE	2	0	29.94	- 17	60	56	- 2	ESE	2	0	2	68	59	0.01
Donaghadee ...	30.09	64	S	1	6	30.03	- 14	56	55	+ 3	S	1	6	0	65	49	-
Parsonstown ...	30.03	71	2	0	6	29.95	- 19	60	56	- 1	2	0	0	0	7	55	-
Barrow-in-Furness ...	30.10	63	WNW	2	6	30.05	- 13	59	55	+ 3	NE	3	6	2	65	52	-
Holyhead ...	30.11	63	NW	1	6	30.01	- 17	65	60	+ 5	SW	1	6	0	66	55	-
Liverpool (Bidston) ...	30.10	64	NW	1	6	30.02	- 17	70	61	+ 7	SE	1	6	0	70	53	-
Valencia ...	30.02	61	SE	5	0	29.89	- 22	62	60	+ 1	SE	4	0	1	65	60	-
Roche's Point ...	30.08	62	SSE	4	0	29.95	- 22	63	61	- 1	SSE	2	0	3	68	59	-
Pembroke ...	30.08	62	S	1	6	30.00	- 18	60	59	+ 2	SE	1	6	1	64	58	0.02
Scilly ...	30.14	64	ESE	4	6	29.92	- 22	55	62	+ 2	SSE	2	0	4	67	61	-
Prawle Point ...	30.12	62	WNW	1	6	30.00	- 19	62	67	+ 2	NE	2	6	2	66	57	0.06
Hurst Castle ...	30.12	64	WSW	2	6	30.04	- 16	66	62	+ 5	6	1	6	1	70	53	-
Dungess ...	30.10	66	SW	2	6	30.05	- 14	66	60	+ 6	2	0	6	0	2	57	-
London ...	30.08	76	NW	1	6	30.05	- 14	69	62	+ 4	SW	1	6	*	78	42	-
Oxford ...	30.09	69	2	0	6	30.04	- 15	69	63	+ 8	W	1	6	*	75	43	-
Cambridge ...	30.08	78	2	0	6	30.04	- 13	70	62	+ 4	2	0	6	*	80	50	-
Yarmouth ...	30.09	65	SE	2	6	30.06	- 12	62	61	0	2	0	6	1	67	56	-
The Helder ...	30.08	67	ESE	1	6	30.04	- 14	67	65	0	ESE	1	6	0	72	64	-
Cape Griz Nez ...	?	63	2	0	6	?	?	66	55	+ 6	NE	1	6	0	70	57	-
Jersey ...	30.09	71	NE	1	6	30.00	- 17	66	60	0	ESE	1	6	1	75	60	0.01
Brest ...	30.04	71	NW	1	6	29.98	- 10	60	60	- 3	S	3	0	2	75	59	-
Lorient ...	30.07	75	NW	1	6	30.01	- 13	63	61	0	W	3	6	0	84	59	-
Rochefort ...	30.07	75	WNW	4	6	30.05	- 10	68	66	0	NW	5	0	2	97	54	-
Biarritz ...	30.03	70	WNW	4	6	30.09	+ 04	66	63	- 4	WNW	5	0	2	79	64	-
Corunna ...	*	*	*	*	*	30.04	- 12	66	63	0	N	1	6	*	71	59	-
Brussels ...	*	*	*	*	*	30.04	- 11	71	64	+ 6	SSE	1	6	*	84	59	-
Charleville ...	*	*	*	*	*	30.05	- 14	69	64	+ 3	WNW	1	6	*	*	*	-
Paris ...	30.06	78	NW	1	6	30.05	- 14	69	64	+ 3	WNW	1	6	*	*	*	-
Lyons ...	49.99	82	N	1	6	30.00	- 11	73	63	+ 6	ESE	1	6	*	87	62	-
Toulon ...	30.20	74	S	1	W	30.18	- 04	68	64	0	SE	1	W	0	81	66	-

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 France and our islands. In Norway and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dargemond Lith. London.

WEATHER CHARTS

for 8 a.m. on Thursday 3rd JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

Barometer — Isobars are drawn for each tenth of an inch. Changes 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 thus
 [wavy line] = Rough. [stippled] = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.828
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Rock's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.965
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
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 AT 8 A.M., AND RAINFALL. for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	63.7	62.2	2.06
Stornoway	66.4	64.3	3.00
Wick	66.2	63.9	2.19
Nairn	67.4	63.7	2.55
Aberdeen	67.9	64.4	2.60
Leith	68.1	65.9	2.62
Shields	68.8	65.5	2.46
York	69.7	66.5	2.41
Ardrossan	67.8	64.8	2.82
Donaghadee	67.7	65.9	2.56
Holyhead	65.3	66.1	2.19
Liverpool	68.8	66.1	3.01
Valencia	69.0	66.2	3.59
Rock's Point	69.1	66.0	3.07
Pembroke	68.6	66.2	2.12
Scilly	60.3	58.2	1.96
Hurst Castle	61.7	58.2	2.31
Dover	63.0	59.2	1.92
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.80
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Thursday 3rd JULY.

1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen generally, and as the change has been rather more decided on our south-west coast than elsewhere slight gradients for S^W and S^E winds have been formed over our islands. The wind has shifted to the Wnd in the Bay of Biscay, but elsewhere light airs, chiefly from S. or E., are reported. The weather remains foggy at some of the northern stations and fine in the east and south-east, but in the south-west it has become dull, and at Pembroke showers are reported. Thunder and lightning occurred last night at Scilly and Hawk Point, but at the former station there was no rain. Temperature has again risen a few degrees over England and readings now range from 70° at Liverpool and Cambridge to 53° in the Shetlands. The highest maxima registered yesterday over our islands were 78° at Cambridge and 78° at Loughborough and in London. At Rochefort the thermometer rose to 97°. The sea is moderate to smooth generally.

The present indications are in favour of an extension of unsettled thundery weather from our south-western to our south-eastern coasts.

FORECASTS

for the 24 hours ending at NOON on 4th JULY 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

SE^W and S^W winds, light; fair generally, but some fog or mist.

6 { SCOTLAND
WEST

Same as Nos 0 to 2

1 { SCOTLAND
EAST

-----D^e-----D^e-----D^e-----

7 { ENGLAND
N.W.

SE^W winds, light; fair to unsettled and thundery.

2 { ENGLAND
N.E.

-----D^e-----D^e-----D^e-----

8 { ENGLAND
S.W.

Light variable airs; cloudy, unsettled, thunderstorms locally

3 { ENGLAND
EAST

Same as No 5.

9 { IRELAND
NORTH

SE^W winds, light; cloudy, some rain perhaps thunder

4 { MIDLAND
COUNTIES

Same as No 5.

10 { IRELAND
SOUTH

-----D^e-----D^e-----D^e-----

5 { ENGLAND
SOUTH

Light airs, chiefly S^W; fine and warm at first; then unsettled and thundery.

WARNINGS

None issued

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.23	60	57	N	2	0	2	Valencia	30.06	64	60	SSE	5	bc	5
Sumburgh Head	30.17	56	52	SSE	2	0	2	Scilly	30.09	67	62	SSE	4	c	3
Stornoway	30.10	60	57	SSE	2	cm	1	Quingness	30.15	60	59	SW	2	bc	2
Aberdeen	30.15	57	55	SSE	3	0	2	London	30.13	75	61	W	1	bm	2
Shields	30.12	58	57	NE	2	cm	2	Yarmouth	30.14	66	61	SE	2	b	2
Ardrossan	30.11	65	60	2	0	6	0	Jersey	30.12	73	65	2	0	c	0
Mullaghmore	30.07	65	62	NW	2	0	2	Rochefort	30.11	96	79	E	3	b	2
Holyhead	30.15	66	59	SSW	1	6	1								

REMARKS.

The barometer is falling slightly generally, but no important change is shown in the winds or weather. At Rochefort the thermometer stands at 96°. The sea is rather rough at Valencia.

DAILY WEATHER REPORT

for Friday 4th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Victoria Road, London, W.																		
† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.	
STATIONS.	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.		Weather.	Sea. (0 to 9).	SHADE TEMP.			
			Dir.	Force. (0 to 12)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.	
Haparanda	29.97	64	2	0	B	29.95	-.17	68	64	- 1	N.E.	2	C	*	81	55	-	
Hernösand ...	30.06	65	2	0	B	30.00	-.15	67	61	- 1	S	2	C	*	79	54	-	
Stockholm ...	30.10	67	2	0	Bc	30.07	-.11	72	67	+ 4	SSW	2	C	*	79	63	0.08	
Wisby ...	30.10	66	W	2	B	30.08	-.07	72	65	+ 5	SE	2	C	*	81	57	-	
Bodö ...	30.01	60	2	0	Bc	30.07	-.01	55	63	- 3	SW	2	C	*	68	52	-	
Christiansund ...	30.10	52	W	1	f	30.10	-.02	52	51	- 10	E.N.E.	1	f	1	1	48	-	
†Skudesnæs ...	30.08	56	WNW	2	m	30.08	-.07	56	55	- 1	E	1	f	2	66	56	-	
Oxö (Xidansund) ...	30.07	65	S	2	m	30.02	-.07	61	54	- 1	N	2	m	1	73	57	-	
Skagen (The Skaw)	30.06	67	2	0	B	30.06	-.06	68	65	+ 3	2	0	C	0	77	61	-	
Fanö ...	30.05	66	WNW	1	B	30.02	-.08	72	67	+ 3	E.S.E.	2	C	*	75	63	-	
Cuxhaven ...	30.03	?	N.W.E.	1	B	30.04	-.06	69	66	?	E.S.E.	2	C	*	?	63	-	
†Sumburgh Head ...	30.04	53	S.S.E.	2	f	30.04	-.04	52	52	- 1	SE	4	f	4	55	50	0.01	
†Stornoway ...	29.95	65	E.N.E.	3	B	29.92	-.08	59	58	+ 4	2	0	A	0	68	54	0.08	
Wick ...	29.98	54	S	1	f	30.00	-.04	54	54	0	S	1	f	0	56	50	-	
Nairn ...	29.96	57	2	0	f	29.97	-.07	54	53	- 1	2	0	f	1	59	53	-	
†Aberdeen ...	29.99	56	S	2	f	29.99	-.07	54	54	- 1	SE	1	f	1	60	52	-	
Leith ...	29.97	56	E	1	f	29.96	-.08	56	56	+ 2	E	1	f	*	62	53	0.16	
†Shields ...	29.97	56	N.E.	1	f	29.96	-.08	57	57	+ 3	2	0	f	2	58	52	-	
Spurn Head ...	29.96	62	E.S.E.	2	B	29.94	-.11	61	59	0	E.S.E.	3	C	2	67	56	-	
York ...	29.95	77	E	1	B	29.95	-.11	65	62	+ 7	E.N.E.	1	C	*	83	57	-	
Loughborough ...	29.92	60	WSW	1	C	29.92	-.13	67	62	+ 3	E	1	cm	*	85	52	-	
†Ardrossan ...	29.92	71	WN	1	om	29.90	-.12	62	59	+ 3	WN	1	om	2	74	56	0.32	
†Mullaghmore ...	29.82	65	E.S.E.	5	ogst	29.82	-.12	62	60	+ 2	E.S.E.	3	cm	2	72	59	0.92	
Donaghadee ...	29.93	61	E	1	C	29.90	-.13	58	57	+ 2	S	1	C	0	63	55	-	
Parsonstown ...	29.84	68	2	0	0	29.83	-.12	62	57	+ 2	S.S.E.	1	C	*	73	57	0.04	
Barrow-in-Furness ...	29.94	70	N.E.	1	0	29.89	-.16	65	62	+ 6	N.E.	2	C	1	73	58	0.03	
†Holyhead ...	?	62	E.N.E.	1	A	? 29.85	-.16	64	62	- 1	2	0	C	0	73	57	0.26	
Liverpool (Bidston) ...	29.94	68	E.S.E.	2	0	29.87	-.15	70	63	0	SE	1	C	1	76	60	0.02	
†Valencia ...	29.83	60	SW	2	0	29.78	-.11	62	59	0	E	3	C	3	64	54	0.02	
Roche's Point ...	29.88	66	S.S.E.	3	C	29.84	-.11	61	59	- 2	S.S.E.	4	0	4	71	55	0.01	
Pembroke ...	29.90	60	SE	3	0	29.88	-.12	59	59	- 1	S.S.E.	2	dm	2	68	56	0.06	
†Scilly ...	29.90	65	SSW	3	0	29.83	-.09	61	60	- 4	S	4	0	4	69	58	0.05	
Prawle Point ...	29.95	62	E	1	B	29.91	-.09	61	60	- 1	S.S.E.	1	C	1	67	55	-	
Hurst Castle ...	29.94	77	WSW	2	B	29.92	-.12	62	60	- 4	SW	2	Bc	1	73	60	0.05	
†Dungeness ...	29.96	57	E.S.E.	2	B	29.93	-.12	67	62	+ 1	E.S.E.	3	C	2	72	60	-	
†London ...	29.94	77	SE	1	bcm	29.93	-.12	75	63	+ 6	2	0	C	*	84	57	-	
Oxford ...	29.96	69	2	0	B	29.91	-.13	70	64	+ 1	7	1	Bc	*	81	59	0.03	
Cambridge ...	29.92	82	2	0	B	29.92	-.12	70	62	0	2	0	Bc	*	85	56	-	
†Yarmouth ...	29.98	68	E	1	B	29.96	-.10	62	61	0	N.W.E.	1	Cf	1	69	56	-	
The Helder ...	29.98	69	N.E.	1	B	29.95	-.09	71	68	+ 4	E	1	C	1	77	66	-	
Cape Griz Nez ...	29.92	65	WN	1	C	29.94	-.06	62	59	- 4	W	1	og	1	75	57	0.04	
†Jersey ...	29.97	67	WNW	1	B	29.95	-.03	61	60	+ 1	S	3	0	3	68	61	-	
Brest ...	29.97	67	WNW	1	B	29.95	-.03	61	60	+ 1	S	3	0	1	79	55	-	
Lorient ...	29.97	64	WNW	4	Bc	29.96	-.05	62	57	- 1	SE	3	0	1	79	55	-	
†Rochefort ...	30.05	70	WNW	7	Bc	?	?	64	62	- 4	WNW	4	0	2	77	59	-	
Biarritz ...	30.05	66	WN	3	0	29.99	-.10	68	64	+ 2	E	3	C	1	73	63	-	
Corunna ...	?	?	?	?	?	29.96	-.08	71	66	+ 5	WN	3	A	*	84	65	-	
Brussels ...	?	?	?	?	?	29.97	-.07	69	62	- 2	W	1	B	*	90	60	-	
Charleville ...	?	?	?	?	?	29.97	-.08	72	66	+ 3	W	1	B	*	?	?	-	
Paris ...	29.97	75	W	4	0	29.97	-.08	72	66	+ 3	W	1	B	*	?	?	-	
Lyons ...	29.89	84	N.E.	1	Bc	29.97	-.03	74	64	+ 1	S	1	B	*	91	65	-	
Toulon ...	30.14	75	SW	1	m	30.15	-.03	66	62	- 2	E	3	m	0	82	61	-	

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

† Received too late for insertion in Charts.

Fred. Dangerfield Ltd. London.

WEATHER CHARTS

for 8 a.m. on Friday 4TH JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

Sea Disturbance — where considerable is shown thus
— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sunbury Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.875
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roch's Point	29.940
Pembroke	29.942
Scilly	29.956
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	65.7	62.2	2.06
Stornoway	58.4	54.3	3.00
Wick	58.2	53.9	2.10
Nairn	57.4	53.7	2.55
Aberdeen	57.9	54.4	2.60
Leith	59.1	55.9	2.62
Shields	58.8	55.5	2.50
York	59.7	56.5	2.41
Ardrossan	57.8	54.6	2.82
Donaghadee	57.7	55.9	2.56
Holyhead	58.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.59
Roch's Point	58.1	56.0	3.07
Pembroke	58.6	56.2	2.12
Scilly	60.3	58.2	1.96
Hurst Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.82
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Friday 4th JULY 1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall generally, and, while an area of low pressure still lies off our south-west coast slight local irregularities are apparently being formed over various parts of England. The wind remains light in force generally; in the south of England it is S^W or S^W and in the north-east of France N^W, but elsewhere it is chiefly SE^W or E^W. The weather is foggy on all our northern and eastern coasts, and dull in the south-west, but in the south-east and south it is still fine. During last evening or the night thunderstorms occurred at several of our western stations, as well as at Leith. At Mullaghmore the accompanying rainfall amounted to 0.9 in. Temperature has risen a few degrees in many parts of England, and readings now range from 75° in London to 52° in the Shetlands. During yesterday the thermometer rose to 81° at Oxford, 83° at York, 84° in London, and 85° at Loughborough and Cambridge. The sea is moderate to smooth.

The distribution of pressure is still favourable for the appearance of thunderstorm depressions over England and the motion of cirrus in London seems to show that these will probably advance from the southward. At present, however, the indications given by the barometer and wind are not in favour of an immediate change.

FORECASTS

for the 24 hours ending at NOON on 5th July. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^W winds, light; foggy or misty.	6 { SCOTLAND WEST	Variable airs; cloudy, thunderstorms locally.
1 { SCOTLAND EAST	-----D°-----D°-----D°-----	7 { ENGLAND N. W.	-----D°-----D°-----D°-----
2 { ENGLAND N. E.	-----D°-----D°-----D°-----	8 { ENGLAND S. W.	S ^W or SE ^W winds, light; cloudy, some showers, perhaps thunder.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	SE ^W winds, light; cloudy, some rain.
4 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	Variable breezes; fine and warm at first, doubtful later	WARNINGS	None issued.

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.12	66	60	N	2	6c	2	Valencia	29.87	62	61	WSW	3	OMW	3
Samburgh Head	30.06	54	54	SSE	2	f	2	Scilly	29.93	66	62	W	3	C	4
Stornoway	29.98	67	60	SE	2	6	1	Danzoness	30.02	71	60	ESE	1	6	1
Aberdeen	30.03	56	55	SSE	2	f	2	London	29.98	80	65	N	2	6c	*
Shields	30.01	57	56	E-SE	1	f	2	Yarmouth	30.02	68	64	E	1	6	1
Ardrossan	29.97	73	62	W	0	6	0	Jersey	29.97	66	63	ESE	2	0	2
Mullaghmore	29.88	70	63	SSE	4	C	3	Rochefort	30.16	68	68	WNW	5	0	2
Holyhead	?	70	63	?	?	C	0								

REMARKS.

The barometer continues to fall in most parts of our Islands, but at Rochefort it is reported to be rising. The wind has shifted to W. on our south west coasts. No important change is shown in the weather. The sea is moderate to smooth.

DAILY WEATHER REPORT

for *Saturday 5th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 29° 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).	Force (0 to 12).		Reading at 35° F. 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	29.95	68	70	0	0	c	30.04	+ .09	71	61	+ 3	2	0	c	c	0	81	57	-
Härnösand	30.03	68	2	0	0	c	30.01	+ .01	68	63	+ 1	SW	2	c	c	0	81	57	-
Stockholm	30.03	66	2	0	0	c	30.00	- .07	72	64	0	NW	2	0	c	0	81	63	-
Wiesby	30.03	67	ESE	2	0	c	30.01	- .07	67	64	- 5	W	2	c	c	0	75	61	-
Bodö	30.12	50	W	2	0	c	30.13	+ .06	52	51	- 3	NNE	2	0	c	1	65	48	-
Christiansund	30.07	55	NNE	3	0	f	30.06	- .04	56	54	+ 4	ESE	1	f	1	0	59	50	-
Skudesnaes	30.04	67	2	0	0	not	30.04	- .04	67	65	+ 11	ESE	2	m	2	0	72	57	-
Oxö (Ålön)	30.02	66	SSE	2	0	not	30.04	+ .02	64	62	+ 3	NNE	1	m	1	0	73	57	-
Skagen (The Skaw)	30.03	69	2	0	0	c	30.03	- .03	69	68	+ 1	2	0	c	0	0	77	59	-
Fanö	29.99	70	SE	1	0	c	29.99	- .03	74	70	+ 2	SE	4	c	c	0	81	64	-
Cuxhaven	29.96	68	2	0	0	c	29.97	- .07	72	69	+ 3	ESE	1	m	0	0	63	-	-
Sumburgh Head	30.01	53	E	4	0	not	29.98	- .06	53	53	+ 1	ESE	4	f	4	0	54	50	-
Stornoway	29.87	65	ESE	3	0	not	29.85	- .07	64	62	+ 5	2	0	bm	0	0	70	55	0.01
Wick	29.93	55	E	1	0	f	29.92	- .08	54	54	0	E	1	f	0	0	57	50	-
Nairn	29.91	57	2	0	0	0	29.90	- .07	56	55	+ 2	2	0	f	1	0	59	54	0.05
Aberdeen	29.94	57	SE	1	0	f	29.93	- .06	57	56	+ 3	2	0	bm	1	0	60	50	-
Leith	29.92	57	ESE	1	0	f	29.91	- .05	55	55	- 1	E	1	f	0	0	58	52	0.10
Shields	29.92	57	ESE	2	0	f	29.92	- .04	56	56	- 1	2	0	f	2	0	61	55	0.08
Spurn Head	29.91	57	ESE	2	0	0	29.91	- .04	62	61	- 3	2	0	0	0	0	82	36	-
York	29.87	75	ESE	2	0	0	29.91	- .04	62	61	- 3	2	0	0	0	0	82	36	-
Loughborough	29.86	73	E	1	0	c	29.91	- .01	67	63	0	2	0	bm	0	0	86	57	0.11
Ardrossan	29.85	63	NE	3	0	c	29.87	- .03	60	58	- 2	NE	2	0	1	0	72	58	?
Mullaghmore	29.79	65	NW	1	0	0	29.82	+.00	61	59	- 1	ESE	3	0	2	0	66	60	0.09
Donaghadee	29.86	61	SSE	1	0	c	29.87	- .03	58	57	0	ESE	2	0	0	0	67	54	0.06
Parsonstown	29.77	67	SSE	2	0	0	29.81	- .02	61	59	- 1	2	0	c	0	0	69	56	0.06
Barrow-in-Furness	29.83	71	NE	2	0	0	29.86	- .03	63	61	- 2	ESE	2	0	2	0	72	61	0.03
Holyhead	29.84	66	W	1	0	bc	?	?	62	60	- 2	2	0	c	0	0	66	62	0.01
Liverpool (Bidston)	29.84	67	SSE	2	0	0	29.88	+ .01	66	62	- 4	SE	1	c	1	0	77	61	0.02
Valencia	29.73	63	SW	2	0	0	29.81	+ .03	61	59	- 1	2	0	bm	1	0	67	51	-
Roche's Point	29.77	62	S	3	0	c	29.81	- .03	59	58	- 2	W	2	f	3	0	66	53	0.28
Pembroke	29.85	60	SSE	2	0	c	29.83	- .05	59	58	0	SE	5	c	3	0	65	58	0.03
Seilly	29.80	64	S	4	0	0	29.83	+.00	63	60	+ 2	S	2	c	3	0	67	56	0.68
Prawle Point	29.89	61	SSE	2	0	c	29.90	- .01	61	59	0	SSE	2	bc	2	0	64	57	-
Hurst Castle	29.92	65	WSW	3	0	bc	29.92	+.00	63	61	+ 1	SSW	2	c	2	0	68	60	-
Dungeness	29.91	70	SSW	3	0	bc	29.95	+ .02	64	61	- 3	SSW	1	c	2	0	67	59	0.24
London	29.89	76	W	2	0	c	29.95	+ .02	70	63	+ 5	E	1	bc	0	0	86	59	-
Oxford	29.90	67	WSW	1	0	0	29.94	+ .01	64	61	- 6	2	0	0	0	0	80	58	0.20
Cambridge	29.89	70	2	0	0	0	29.92	+.00	67	64	- 3	2	0	0	0	0	87	59	0.39
Yarmouth	29.92	67	SE	2	0	c	29.93	- .03	64	62	+ 2	E	2	bc	2	0	69	60	-
The Helder	29.92	68	W	1	0	bc	29.94	- .01	69	65	- 2	NE	1	bc	1	0	77	61	-
Cape Griz Nez	?	69	NW	1	0	c	?	?	68	63	-	S	1	bc	0	0	79	64	-
Jersey	29.90	66	2	0	0	c	29.93	- .01	61	60	- 1	S	3	ogm	3	0	67	57	-
Brest	29.88	62	S	4	0	0	29.88	- .07	59	58	- 2	S	5	0	4	0	68	57	0.16
Lorient	29.93	65	SSW	5	0	c	29.95	- .01	63	60	+ 1	SSW	4	0	3	0	75	57	-
Roche fort	30.02	69	NW	4	0	c	30.04	?	64	?	0	E	3	0	2	0	73	57	0.59
Biarritz	29.94	67	W	4	0	bc	30.01	+ .02	?	?	?	W	?	?	?	?	?	?	?
Corunna	?	?	?	?	?	?	?	?	?	66	?	?	?	?	?	?	88	65	0.24
Brussels	?	?	?	?	?	?	?	?	?	67	62	- 2	ESE	1	bc	0	93	61	-
Charleville	?	?	?	?	?	?	30.01	+ .04	67	62	- 2	ESE	1	bc	0	0	93	61	-
Paris	29.90	64	W	3	0	c	29.99	+ .02	73	65	+ 1	W	1	bc	0	0	91	64	0.04
Lyons	29.93	77	W	1	0	0	30.00	+ .03	71	68	- 3	SSE	1	bc	0	0	91	64	0.04
Toulon	30.18	73	S	1	0	m	30.12	+ .03	69	64	+ 3	E	1	m	1	0	84	64	-

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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† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by the Meteorological Office, 116, Victoria Street, London.

WEATHER CHARTS

for 8 a.m. on *Saturday 5th JULY*

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

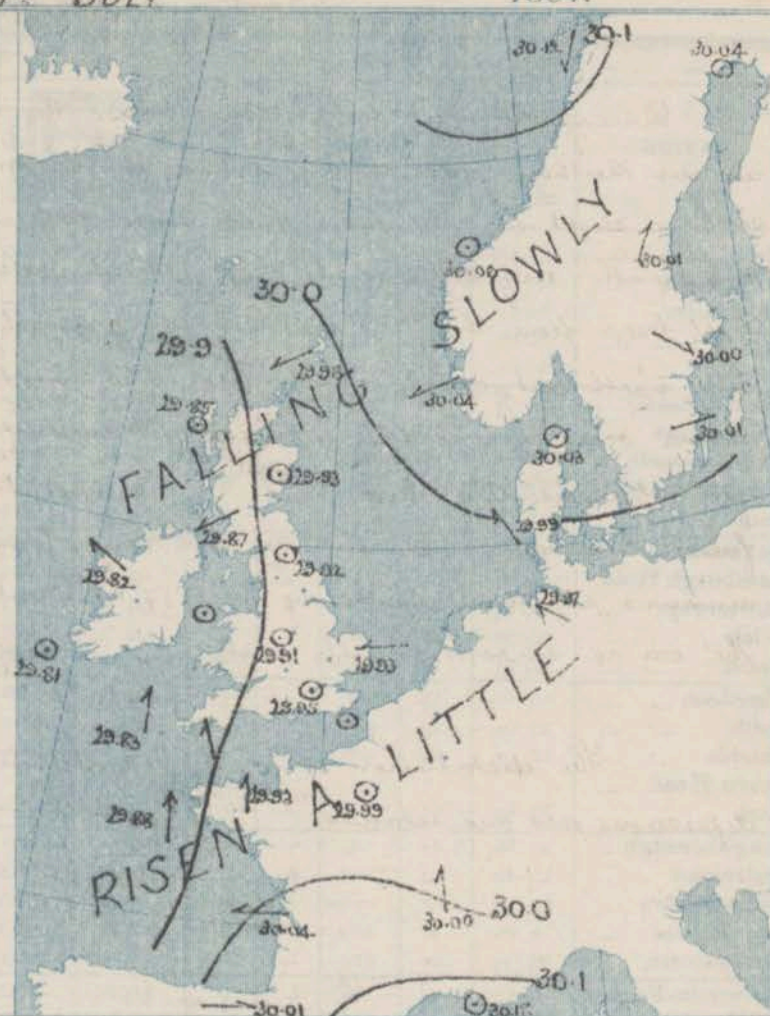
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 — = Rough. — = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.861
Donaghadee	29.878
Holyhead	29.919
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.855
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



for Saturday 5th July

During the past twenty-four hours the changes in pressure have been exceedingly slight. At all our northern and eastern stations the barometer has continued to fall slowly, but in the west and south a slight rise has taken place since last night. The distribution of pressure this morning is consequently very similar to that noticed yesterday, but readings have become rather more uniform. Light breezes from the SE^W are reported generally, with a continuance of foggy weather in the north and north east, cloud in the west, and moderately clear skies in the south and south east. Thunder storms occurred yesterday in nearly all parts of the United Kingdom, and at Ardrossan there was a fall of unusually large hail. Temperature has risen a little in the north of Scotland, but fallen elsewhere; and readings now range from 70° in London to 53° in the Shetlands. The highest maxima registered yesterday were 87° at Cambridge, 86° at Loughborough and in London and 82° at York. The sea is smooth on all coasts.

FORECASTS

(Issued at 11 a.m. on the previous day.)

Frank Dangelveld, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.07	73	61	W. 1/2 N	1	c m	2	Valencia	29.74	66	61	ESE	3	0	3
Sumburgh Head	30.03	53	53	SE	4	0	4	Scilly	29.81	66	62	S	4	C	4
Sternoway	29.91	68	63	E. 1/2 E	1	0	0	Dover	29.93	69	65	2	0	0	1
Aberdeen	29.99	58	56	SE	2	0	2	London	29.87	82	67	SWE	4	6	*
Shields	29.98	61	60	E. 1/2 E	2	1	2	Yarmouth	29.93	68	64	2	2	0	2
Ardrossan	29.90	62	60	NE	3	1	2	Jersey	29.93	64	62	ESE	1	0	1
Mullaghmore	29.82	62	60	W. 1/2 S	1	1	1	Rochefort	30.03	71	68	NW	1	0	0
Holyhead	?	64	62	2	0	C	0								

REMARKS.

The barometer continues to fall steadily in most places, but no important change is shown in the winds and weather. At Mullaghmore rain and distant thunder are reported. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Sun - day 6th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force. (0 to 12)		Reading at 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	30.11	66	NE	2	c	30.20	+ .16	61	63	- 10	NE	4	b	*	77	57	-		
Hernösand ...	30.05	67	Z	0	b	30.12	+ .11	69	62	+ 1	NE	2	bc	*	82	55	-		
Stockholm ...	30.06	63	Z	0	b	30.08	+ .03	65	62	- 7	N	2	b	*	82	63	0.04		
Wisby ...	29.97	66	E	2	c	29.98	- .03	66	62	- 1	NNE	3	bm	*	73	50	0.79		
Bodö ...	30.11	60	NNE	6	b	30.07	- .06	65	58	+ 13	ENE	4	b	*	73	52	-		
Christiansund ...	30.04	62	NE	1	b	30.02	- .02	67	54	+ 1	ENE	3	m	2	68	50	-		
† Skudeannes ...	30.02	71	NNE	2	m	29.98	- .06	71	61	+ 4	E	2	b	2	77	?	-		
Oxö (Klansund) ...	30.02	67	E	1	m	29.98	- .06	66	62	+ 2	NE	4	m	1	77	?	-		
Skagen (The Skaw)	30.01	67	Z	0	b	30.00	- .03	70	66	+ 1	NE	2	b	0	77	61	-		
Fanö ...	29.99	71	ESE	2	b	29.93	- .06	75	68	+ 1	ESE	4	b	*	84	66	-		
Cuxhaven ...	29.90	74	E	1	m	29.90	- .07	74	70	+ 2	E	2	m	*	79	72	-		
† Sumburgh Head ...	29.97	68	NNE	3	c	29.90	- .08	59	57	+ 6	ENE	4	bc	4	60	52	-		
† Stornoway ...	29.86	65	RNE	2	bm	29.82	- .03	62	61	- 2	SH	1	m	0	68	55	0.14		
Wick ...	29.88	59	SE	2	b	29.84	- .08	58	57	+ 4	SE	1	o	0	62	53	-		
Nairn ...	no observations					29.85	- .05	60	59	+ 4	Z	0	r	1	67	56	0.13		
† Aberdeen ...	29.90	65	SSE	1	b	29.86	- .07	57	57	+ 0	Z	0	r	1	69	55	0.12		
Leith ...	29.88	58	E	1	f	29.85	- .06	58	58	+ 3	ESE	1	rf	*	60	54	1.14		
† Shields ...	29.86	62	E	1	c	29.87	- .05	60	60	+ 4	S	1	om	1	65	55	0.22		
Spurn Head ...																			
York ...	29.88	71	S	2	ot	29.88	- .03	66	62	+ 4	SH	1	b	*	80	59	0.64		
Loughborough...	29.90	65	SSW	1	o	29.92	+ .01	63	59	- 4	SH	3	bcuv	*	75	57	0.18		
† Ardrossan ...	29.81	66	ENE	2	om	29.86	- .05	61	59	+ 1	SSW	1	c	0	68	58	0.04		
† Mullaghmore ...	29.80	62	E	1	c	29.84	+ .02	59	57	- 2	W	2	om	2	68	58	0.13		
Donaghadee ...	29.84	60	SSE	1	c	29.87	+ .00	61	59	+ 3	SSE	1	b	0	64	54	0.01		
Parsonstown ...	29.80	64	NH	1	c	29.90	+ .09	59	57	- 2	SH	1	o	*	71	54	0.01		
Barrow-in-Furness	29.87	62	S	3	o	29.87	+ .01	62	59	- 1	W	3	c	3	74	60	0.10		
† Holyhead ...	29.95	64	SSW	1	bc	29.91	- .04	59	57	- 2	S	1	bc	1	76	56	-		
Liverpool (Bidston)	29.87	61	SE	2	o	29.90	+ .02	57	57	- 7	SSW	1	c	2	75	57	0.29		
† Valencia ...	29.86	63	NNW	3	c	29.87	+ .08	60	57	- 1	S	2	c	3	68	54	-		
Roche's Point ..	29.87	64	SSW	3	c	29.92	+ .11	60	57	+ 1	W	2	bc	3	68	55	-		
Pembroke ...	29.87	60	SE	1	bc	29.90	+ .07	60	58	+ 1	NSW	1	b	2	63	55	0.03		
† Scilly ...	29.86	63	NSW	2	c	29.96	+ .10	61	58	- 2	NSW	2	o	3	69	56	0.05		
Prawle Point ...	29.92	61	SSE	2	bc	29.98	+ .08	61	59	- 0	NSW	2	b	2	66	55	0.36		
Hurst Castle ...	29.95	65	NSW	3	bc	29.97	+ .02	62	60	- 1	NSW	3	b	1	65	55	0.13		
† Dungeness ...	29.94	72	SH	2	o	29.99	+ .04	61	58	- 3	SSW	4	c	3	72	59	0.20		
† London...	29.94	69	H	2	bc	29.97	+ .02	65	60	- 5	SH	2	bc	*	76	56	0.04		
Oxford ...	29.92	63	SE	1	c	29.95	+ .03	60	57	- 4	S	2	c	*	68	57	0.03		
Cambridge ...	29.95	69	SH	1	c	29.97	+ .02	64	61	- 3	SH	1	c	*	80	54	0.29		
† Yarmouth ...	29.88	67	S	3	b	29.94	+ .06	69	61	+ 5	NSW	2	b	2	71	60	0.01		
The Helder ...	29.93	71	NNW	1	c	29.98	+ .07	67	64	- 2	NSW	1	o	2	79	64	0.04		
Cape Griz Nez...	?	64	SH	1	bc	?	?	62	57	- 3	SH	4	o	3	72	59	0.08		
† Jersey ...	29.92	62	SE	3	bcuv	30.03	+ .10	61	59	+ 0	NSW	4	b	3	66	57	-		
Brest ...	29.92	62	SSW	5	bc	30.03	+ .15	60	59	+ 1	SH	3	o	4	64	59	-		
Lorient ...																			
† Rochefort ...	30.11	65	WNW	5	bc	30.00	+ .16	65	62	+ 1	WNW	5	bc	2	72	57	-		
Biarritz ...	30.11	66	N	4	o	30.19	+ .18	66	62	- 4	Z	0	o	1	73	62	-		
Corunna ...																			
Brussels ...						30.03	?	66	62	- 4	NSW	3	o	*	84	64	0.04		
Charleville ...						30.02	+ .03	67	59	- 8	W	4	o	*	86	64	0.12		
Paris ...	29.98	78	SSW	4	c	30.12	+ .12	64	59	- 5	SSW	3	b	*	*	*	-		
Lyons ...	29.94	81	SSW	5	b	30.15	+ .15	60	58	- 11	NE	1	o	*	89	60	0.43		
Toulon ...	30.25	78	SW	1	m	30.26	+ .08	69	67	- 2	SH	1	m	0	82	66	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. Dyer, 116, Victoria Street, London.

WEATHER CHARTS

for 8 a.m. on

Sunday 6th July

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their heads and feathers refer to force, thus —
 — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 4;
 ⊙ = dead calm.

Sea Disturbance — where considerable is shown thus
 — = Rough. — = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
 during the 10 years 1871-1880.

STATIONS	MEAN READINGS
Sumburgh Head	29 827
Stornoway	29 789
Wick	29 813
Nairn	29 824
Aberdeen	29 829
Leith	29 838
Shields	29 873
York	29 902
Ardrossan	29 869
Donaghadee	29 878
Ballyhead	29 874
Liverpool	29 910
Valencia	29 944
Roches Point	29 940
Pembroke	29 942
Sally	29 986
Hurst Castle	29 981
Dover	29 859
LONDON	29 865
Oxford	29 841
Cambridge	29 837
Yarmouth	29 834



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather — is shown by letters of the Beaufort Scale.
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 AT 8 A.M., AND RAINFALL. for the month of July

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	53.7	52.2	2.06
Stornoway	56.4	55.3	3.09
Wick	58.2	53.5	2.78
Nairn	57.9	53.7	1.55
Aberdeen	57.9	54.4	2.60
Leith	58.1	55.5	2.62
Shields	58.8	55.5	2.56
York	59.7	56.5	2.97
Ardrossan	57.5	54.4	2.42
Donaghadee	57.7	55.9	2.54
Ballyhead	55.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.58
Roches Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Sally	60.3	58.2	1.06
Hurst Castle	61.7	58.2	2.31
Dover	63.0	58.2	1.32
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	56.0	2.41
Yarmouth	61.4	58.4	2.62

Note — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Sunday 6th July 1884. at 8 a.m.

In the course of the past twenty-four hours the barometer has risen at all the southern and the French stations, while it has continued to fall slightly in the north. Areas of high pressure are now lying over the north of Scandinavia and Bay of Biscay, while an irregularly formed area of low readings is lying over the northern parts of our islands. The wind is moderate E^{ly} or NE^{ly} in Scandinavia and Denmark, and W^{ly} or SW^{ly} over the greater part of England, Ireland and France, but in Scotland it is light and variable. Rain is falling in the East of Scotland, but elsewhere the weather is generally fair. Thunderstorms occurred yesterday in many parts of England, as well as in the south of Scotland, and showers were experienced over the United Kingdom generally. Temperature has fallen a little in most parts of our islands, and readings now range from 69° at Yarmouth to 57° at Aberdeen. During yesterday the thermometer ^{rose} to 80° at York and Cambridge, and 76° in London.

The sea is slight or smooth on all coasts.

FORECASTS

for the 24 hours ending at NOON on 7th July. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH

2 { SCOTLAND
EAST

3 { ENGLAND
N.E.

4 { ENGLAND
EAST

5 { MIDLAND
COUNTIES

6 { ENGLAND
SOUTH

None issued

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

None issued

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.24	76	63	WNW	2	bcm	2	Valencia	29.84	67	63	WNW	3	c	3
Sumburgh Head	29.97	58	56	SE	4	c	4	Scilly	29.85	66	61	SW	4	c	4
Stornoway	29.85	67	63	E	2	bcm	0	Dungeness	29.95	66	61	SSW	3	o	2
Aberdeen	29.92	63	59	SSE	2	c	1	London	29.93	72	64	SE	2	o	*
Shields	29.91	62	59	ENE	1	m	1	Yarmouth	29.91	69	64	SSE	3	o	2
Ardrossan	29.87	66	64	NE	1	o	1	Jersey	29.94	65	62	ESE	2	bc	2
Mullaghmore	29.83	65	62	NNW	2	c	2	Rochefort	30.10	67	65	NW	4	o	3
Holyhead		67	61	SW	2	c	1								

REMARKS.

The barometer continues to fall slightly on our east and south-east coasts but to rise in the south-west. The wind has shifted to SW. at Valencia Scilly. The weather is fair in most places, but rain is falling in London. The sea is moderate to smooth.

for Monday 7th July 1884.
Issued by the Meteorological Office, 116 Victoria Street, London, R. H. SCOTT, Secretary.

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STATIONS.	↑ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea, (0 to 9).	SHADE TEMP.				
			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).		Weather.	Max.	Min.	Amount of Rainfall.	
Haparanda	30.18	59	N	4	C	30.16	- 0.4	63	53	+ 2	N	0	B	*	68	55	-	
Hernösand ...	30.16	61	NE	4	B	30.13	+ 0.1	63	56	- 6	NE	2	B	*	77	55	-	
Stockholm ...	30.05	60	E	2	B	30.04	+ 0.1	67	64	+ 2	NE	2	G	*	75	61	-	
Wisby ...	29.99	62	E	4	B	29.99	+ 0.1	62	60	- 4	NE	4	B	*	72	61	-	
Bodö ...	30.05	68	E, NE	4	B	30.03	- 0.4	66	58	+ 1	E, NE	4	B	2	68	59	-	
Christiansund ...	29.97	63	NE	2	B	29.94	- 0.8	59	56	+ 2	E, NE	1	B	1	70	50	-	
Skudesnes ...	29.98	64	NE	2	B	29.95	- 0.3	71	63	0	E, NE	2	bc	2	72	68	-	
Oxö (Xilansund) ...	29.97	72	E, NE	2	B	29.91	- 0.7	64	66	+ 3	?	?	m	3	75	66	-	
Skagen (The Skaw)	29.97	69	SE	2	B	29.98	- 0.2	70	67	0	SE	3	B	1	77	66	-	
Fanö ...	29.95	65	NW	1	C	29.97	+ 0.2	66	63	- 9	NW	1	C	*	82	61	0.12	
Cuxhaven ...	29.97	68	NW	3	F	29.93	+ 0.3	68	65	- 6	N	3	C	*	?	58	0.10	
Sumburgh Head	29.81	63	SE	3	B	29.76	- 0.6	62	60	0	SE	2	B	0	67	52	-	
Stornoway ...	29.83	62	S	1	C	29.82	- 0.2	56	56	- 2	S	1	f	0	65	53	0.10	
Wick ...	29.83	65	S	0	0	29.82	- 0.3	57	55	- 3	S	0	f	1	65	55	0.34	
Nairn ...	29.85	58	S	0	f	29.86	+ 0.0	62	60	+ 5	S	1	B	1	63	52	0.21	
Aberdeen ...	29.84	60	SE	1	A	29.85	+ 0.0	59	56	+ 1	NE	1	cm	*	65	50	0.17	
Leith ...	29.86	60	S	1	C	29.91	+ 0.4	58	57	- 2	SE	2	0	1	64	52	0.14	
Shields ...	29.90	65	WSW	1	C	29.93	+ 0.5	58	57	- 8	S	1	0	*	73	52	0.28	
Spurn Head ...	29.91	68	WSW	2	B	29.96	+ 0.4	60	58	- 3	SE	3	og	*	72	56	0.04	
Loughborough...	29.84	62	SSW	1	bc	29.80	- 0.6	59	58	- 2	E	2	dm	2	67	53	0.01	
Ardrossan ...	29.77	67	SSW	1	bc	29.60	- 0.24	64	64	+ 5	SE	6	og	4	68	59	0.02	
Mullaghmore ...	29.85	59	SSW	3	B	29.77	- 0.10	55	55	- 6	S	4	A	2	67	52	0.35	
Donaghadee ...	29.81	66	SSW	1	0	29.66	- 0.24	62	61	+ 3	E	1	om	*	70	58	0.26	
Parsonstown ...	29.89	65	S	2	B	29.87	- 0.0	57	57	- 5	SE	6	0	4	66	56	0.05	
Barrow-in-Furness	29.90	62	E	3	B	29.81	- 0.10	59	58	0	S	4	0	3	65	?	0.12	
Holyhead ...	29.90	60	N	1	bc	29.83	- 0.4	59	58	0	SE	3	A	4	69	55	0.28	
Liverpool (Bidston)	29.72	60	SE	6	nmq	29.69	- 0.20	57	55	- 3	WNW	2	0	6	66	53	0.44	
Valencia ...	29.83	61	S	5	n	29.67	- 0.25	67	61	+ 2	SSW	6	pm	5	66	56	0.25	
Roche's Point ...	29.93	61	SSW	3	bc	29.82	- 0.8	60	60	0	SSW	5	op	5	63	58	0.24	
Pembroke ...	29.94	64	SSW	5	0	29.82	- 0.14	62	61	+ 1	S	6	om	5	69	59	0.14	
Scilly ...	30.03	61	SSW	4	bc	29.96	- 0.2	59	59	- 2	S	4	0	4	67	57	0.01	
Prawle Point ...	30.02	63	WSW	5	B	30.00	+ 0.3	62	59	0	SSW	3	B	3	66	57	0.01	
Hurst Castle ...	29.94	68	SSW	4	B	29.94	- 0.5	62	59	+ 1	SE	1	C	2	?	57	-	
Dungeness ...	29.99	67	WSW	2	C	30.02	+ 0.5	62	58	- 3	F	2	0	*	71	56	0.17	
London ...	29.98	63	SW	3	bc	29.98	+ 0.3	62	59	+ 2	S	3	og	*	70	58	0.02	
Oxford ...	29.98	68	SW	1	A	30.00	+ 0.3	64	62	0	SW	1	C	*	71	53	0.08	
Cambridge ...	29.94	71	WSW	3	bc	30.00	+ 0.6	62	59	- 7	WSW	2	bc	2	72	56	-	
Yarmouth ...	30.00	63	SW	3	C	30.02	+ 0.7	64	61	- 3	SW	1	bc	2	68	61	-	
The Helder ...	?	61	SW	5	B	?	?	63	60	+ 1	SW	1	B	0	66	67	-	
Cape Griz Nez...	30.06	64	N	3	B	30.01	- 0.2	62	60	+ 1	S	3	bm	3	68	57	-	
Jersey ...	30.06	63	SW	4	B	29.97	- 0.6	60	59	0	SSW	5	0	4	66	59	-	
Brest ...	30.20	70	WNW	5	B	30.11	- 0.9	62	60	- 3	SE	4	B	2	73	54	-	
Lorient ...	30.17	66	NW	3	bc	29.99	- 0.20	66	63	0	E	3	B	1	72	59	-	
Rochefort ...	30.08	66	SW	3	B	30.08	+ 0.5	66	59	0	N	1	C	*	77	61	-	
Biarritz ...	30.10	61	NE	1	B	30.10	+ 0.6	61	56	- 6	NE	1	B	*	73	56	-	
Corunna ...	30.09	68	S	4	B	30.09	- 0.3	68	61	+ 4	S	0	B	*	?	?	-	
Brussels ...	30.13	71	E, NE	1	B	30.11	- 0.4	64	60	+ 4	N	1	bc	*	73	58	0.55	
Charleville ...	30.24	71	SW	4	m	30.28	- 0.8	71	63	+ 2	N	3	m	2	82	66	-	
Paris ...																		

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; n. passing showers; q. squally; r. rain; s. snow; t. thunder; u. windy, threatening; v. visibility, unusual transparency; w. dew.

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

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

Frank Bangerfield Esq London

WEATHER CHARTS

for 8 a.m. on Monday.

7TH JULY.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

→ — forces above 10; → — forces 8 to 10;

→ — forces 5 to 7; → — forces 1 to 4,

⊙ — dead calm.

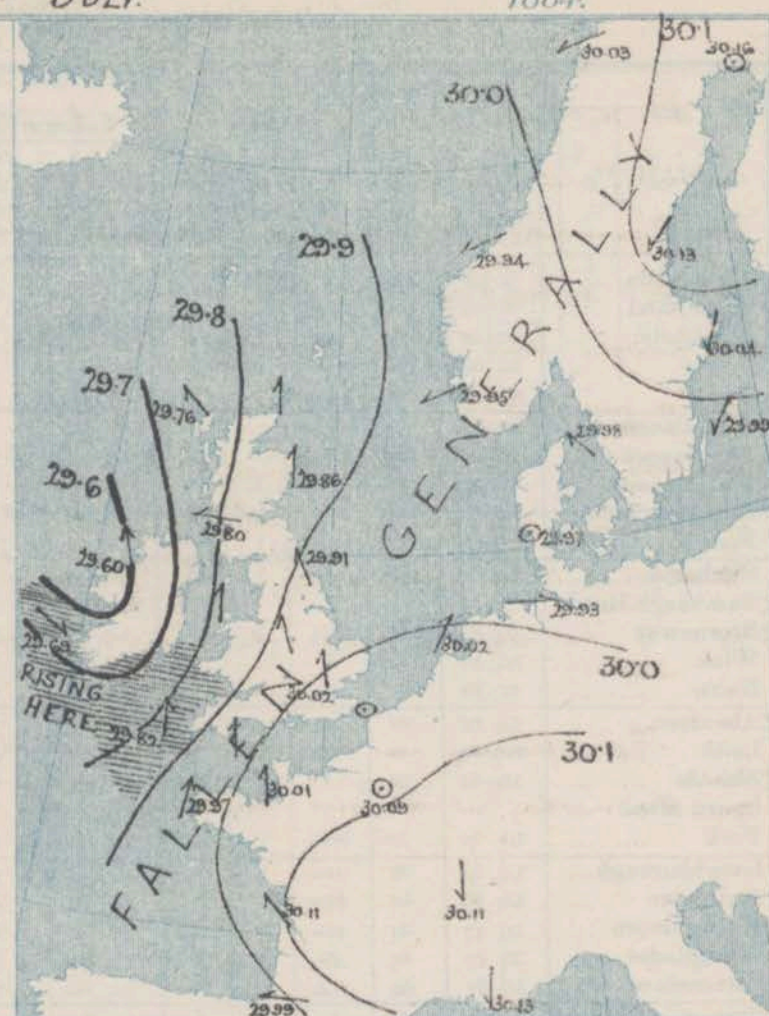
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.799
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.840
Shields.	29.873
York.	29.902
Ardrossan.	29.884
Donaghadee.	29.876
Holyhead.	29.814
Liverpool.	29.810
Valencia.	29.844
Rock's Point.	29.840
Pembroke.	29.842
Scilly.	29.836
Hurst Castle.	29.861
Dover.	29.852
LONDON.	29.865
Oxford.	29.841
Cambridge.	29.837
Yarmouth.	29.834



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall — A dotted line shows the districts in which rain has fallen from these points there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	63.7	62.2	2.06
Stornoway.	56.4	54.3	3.00
Wick.	56.2	53.9	2.19
Nairn.	57.9	53.7	2.53
Aberdeen.	57.9	54.4	2.60
Leith.	58.1	55.8	2.67
Shields.	58.5	56.5	2.66
York.	59.7	56.5	2.41
Ardrossan.	57.8	54.4	2.82
Donaghadee.	57.7	55.8	2.86
Holyhead.	58.3	56.1	2.19
Liverpool.	59.8	56.1	3.01
Valencia.	59.0	56.2	3.59
Rock's Point.	59.1	56.0	3.07
Pembroke.	58.5	56.2	2.12
Scilly.	60.3	58.2	1.96
Hurst Castle.	61.7	59.2	2.31
Dover.	63.0	58.2	1.92
LONDON.	62.5	58.6	2.36
Oxford.	60.4	57.1	2.60
Cambridge.	61.3	58.0	2.41
Yarmouth.	61.4	58.4	2.82

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Monday 7th July 1884, at 8 a.m.

In the course of the past twenty four hours a rather deep depression has appeared over the west of Ireland, and the barometer has therefore fallen somewhat decidedly at all our western and northern stations. Over Denmark, the Netherlands and south-east of England, however, the barometer has risen slightly. The wind is rather variable on the eastern shores of the North Sea, but elsewhere it is chiefly S^W and on our western coast it blows strongly. The weather is dull and rainy at several of our western stations, but fair or fine elsewhere. Fog is, however, still reported in the north of Scotland. Thunderstorms occurred yesterday in several parts of Great Britain, and showers were experienced over the whole Kingdom. Temperature has changed rather irregularly, and readings now range from 64° at Cambridge to 56° at Wick and 53° at Donaghadee. The maxima registered over England yesterday varied between 70° and 73°. The sea is rather rough in the south-west.

The depression in the west will probably move north-eastward or northward and occasions rain in the north, but at our south-eastern ^{stations} the weather is likely to remain fair.

FORECASTS

for the 24 hours ending at NOON on 8th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S ^W and SE ^W winds, freshening, fair to unsettled and some rain.	6 { SCOTLAND WEST	SE ^W and S ^W winds, fresh; dull and rainy to fair.
2 { SCOTLAND EAST	----- D ^o ----- D ^o ----- D ^o -----	7 { ENGLAND N. W.	----- D ^o ----- D ^o ----- D ^o -----
3 { ENGLAND N. E.	S ^W winds, moderate, cloudy, probably some rain.	8 { ENGLAND S. W.	S ^W and SW ^W winds, strong; dull, showery.
4 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	----- D ^o ----- D ^o ----- D ^o -----
5 { MIDLAND COUNTIES	Same as No 2.	10 { IRELAND SOUTH	----- D ^o ----- D ^o ----- D ^o -----
6 { ENGLAND SOUTH	SW ^W winds, moderate, fair generally.	WARNINGS	
		The south cone was hoisted last evening in districts 8, 10 and a part of 7	

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.
Skudesnaes	29.97	72	64	SSW	2	bm	Valencia						
Sumburgh Head							Scilly						
Stornoway							Dover						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.21	72	64	WNW	4	6
Holyhead													

REMARKS.

*Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 29th June to the 5th July 1884*

The weather during this week was almost continuously fine & at times hot over all the eastern & southeastern part of Great Britain, but was much less settled in the west & over Ireland. Pressure has been very uniform. The week opened with a temporarily broken condition over our western & southern counties, owing to the advance of a shallow (thunderstorm) depression from the southwestward, bringing with it a fall of rain which varied in amount from about an inch at the mouth of the Channel to only a few hundredths in the south of Ireland, the northwest of England & in the neighbourhood of London. The fall was accompanied by thunder & lightning, & a considerable reduction of temperature. As this system passed off the sky again cleared over England & the thermometer rose gradually, until the daily maxima recorded on Friday (the 4th) were as high as 86° or 87° over our southeastern & south midland counties. On our eastern coast, however, a light but steady sea breeze prevailed, with the result that the maxima at Yarmouth & Spurn Head were from 10° to 15° lower than those at stations further inland; & over the more western & northwestern parts of the Kingdom the amount of cloud was greater & the rainfall more frequent than in the regions just referred to, so that in those localities also, the heat experienced was not nearly so great as that at the English inland counties. Towards the end of the week showery thundery weather was again spreading over us from the southwestward & southeastward & threatened to become more general than that noticed a week previously.

DAILY WEATHER REPORT

for *Tuesday* 8th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Victoria Street, London, W.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12)		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.		
Haparanda	30.11	61	N	2	G	30.10	-.06	61	55	- 2	NE	2	C	*	70	?	-	
Hernösand ...	30.08	60	N	0	bc	30.07	-.06	64	57	+ 1	NE	2	C	*	77	52	-	
Stockholm ...	30.03	61	N	0	B	30.05	+.01	63	56	- 4	N	0	C	*	73	57	-	
Wisby ...	29.99	59	SE	2	B	30.00	+.01	61	58	- 1	NNE	2	C	*	70	57	-	
Bodö ...	29.98	66	ENE	2	G	30.01	-.02	66	59	0	E	3	C	2	70	61	-	
Christiansund ...	30.01	58	N	1	?	29.97	+.03	54	53	- 5	N	0	f	0	63	50	-	
Skudesnaes ...	30.01	62	WNW	2	0	30.03	+.08	61	60	- 10	WNW	4	f	2	73	?	-	
Oxö (Xiansund) ...	30.01	69	SW	2	bc	29.97	+.06	64	63	+ 5	SSW	2	m	1	75	61	-	
Skagen (The Skaw)	29.99	68	SE	2	G	29.99	+.01	69	64	- 1	N	0	C	0	79	61	-	
Fanö ...	30.01	61	WNW	1	G	30.03	+.06	63	61	- 3	WNW	1	C	*	70	57	-	
Cuxhaven ...	29.97	68	WNW	1	G	29.97	+.04	68	64	0	NE	1	C	*	68	61	-	
Sumburgh Head	29.96	55	E	3	f	29.97	+.10	53	53	- 4	ENE	1	f	3	57	50	-	
Stornoway ...	29.77	62	SSE	3	A	29.80	+.04	63	59	+ 1	ESE	4	0	3	70	57	0.04	
Wick ...	29.85	57	S	3	bc	29.90	+.08	57	57	+ 1	S	2	f	1	63	53	-	
Nairn ...	29.81	64	N	0	0	29.85	+.03	64	61	+ 7	N	0	0	0	69	57	0.02	
Aberdeen ...	29.90	59	SE	1	f	29.91	+.05	60	59	- 2	SE	1	0	2	66	56	-	
Leith ...	29.84	60	SE	1	C	29.86	+.01	67	64	+ 8	WNW	1	sm	*	67	56	0.47	
Shields ...	29.89	60	SE	2	A	29.91	.00	63	61	+ 5	S	2	C	2	63	56	0.21	
Spurn Head ...	29.93	61	SE	3	C	29.95	.00	62	60	+ 1	SE	3	C	2	70	59	-	
York ...	29.93	64	SSW	1	m	29.94	+.01	64	61	+ 6	S	1	0	*	66	57	0.04	
Loughborough...	29.91	70	S	3	0	29.94	-.02	62	61	+ 2	N	0	C	*	71	56	0.01	
Ardrossan ...	29.80	63	ESE	1	0	29.86	+.06	58	57	- 1	SSE	2	C	2	65	55	0.04	
Mullaghmore ...	29.73	57	W	2	0	29.82	+.22	58	53	- 6	SSW	4	bc	3	64	55	0.30	
Donaghadee ...	29.89	59	S	5	0	29.87	+.10	60	58	+ 5	S	2	bc	0	55	54	0.23	
Parsonstown ...	No Observations taken					29.86	+.20	56	53	- 6	SE	1	bc	*	63	48	0.45	
Barrow-in-Furness	29.84	63	ENE	3	C	29.89	+.02	59	58	+ 2	WNW	2	0	3	65	57	0.23	
Holyhead ...	29.82	63	S	4	m	29.90	+.08	59	57	0	SSW	2	bc	1	64	55	0.20	
Liverpool (Bidston)	29.86	67	SE	2	0	29.91	+.05	66	61	+ 1	SSE	1	bc	2	69	58	0.16	
Valencia ...	29.79	59	E	4	bc	29.80	+.11	59	54	+ 2	SE	5	bc	6	62	50	-	
Roche's Point ..	29.82	60	WSW	4	0	29.86	+.10	59	56	- 3	SW	2	bc	3	63	48	0.08	
Pembroke ...	29.83	59	S	3	A	29.88	+.06	57	56	- 3	ENE	1	bc	4	72	54	0.66	
Scilly ...	29.80	58	WNW	2	f	29.89	+.09	62	57	0	N	0	bc	4	64	52	0.34	
Prawle Point ...	29.91	61	SE	3	C	29.90	-.06	61	60	+ 2	NNE	1	C	1	64	55	0.16	
Hurst Castle ...	29.95	66	SSW	2	C	29.92	-.08	63	60	+ 1	NE	2	C	2	68	59	-	
Dungeness ...	29.97	68	SE	1	C	29.93	-.07	69	62	+ 7	ESE	1	C	2	69	57	-	
London ...	29.94	74	S	2	bc	29.92	-.10	70	63	+ 8	E	1	f	*	76	67	-	
Oxford ...	29.92	65	S	2	C	29.93	-.05	62	60	0	ESE	1	C	*	72	56	0.04	
Cambridge ...	29.93	72	SW	1	C	29.93	-.07	67	63	+ 3	WNW	1	C	*	74	53	-	
Yarmouth ...	29.98	65	S	3	C	29.96	-.04	64	61	+ 2	SSE	3	bc	2	69	60	-	
The Helder ...	30.01	67	W	1	C	30.00	-.02	68	65	+ 4	E	1	bc	1	72	63	-	
Cape Griz Nez...	?	68	NE	3	C	?	?	69	62	+ 6	SE	3	C	2	73	54	-	
Jersey ...	29.92	67	N	0	0	29.91	-.10	65	62	+ 3	W	1	bc	1	68	58	0.01	
Brest ...																		
Lorient ...																		
Rochefort ...	29.96	73	WNW	4	G	29.97	-.14	68	63	+ 6	N	4	0	2	84	67	-	
Biarritz ...	29.84	73	N	3	bc	29.95	-.04	68	64	+ 2	W	4	bc	1	91	64	0.04	
Corunna ...	*	*	*	*	*	29.96	+.12	71	63	+ 5	E	1	C	*	80	59	-	
Brussels ...	*	*	*	*	*	30.07	-.03	64	58	+ 3	E	1	C	*	?	58	-	
Charleville ...	30.10	77	SSE	1	C	?	?	72	66	+ 4	N	0	C	*	*	*	-	
Paris ...	29.98	76	S	3	C	29.96	-.13	72	66	+ 4	N	0	C	*	*	*	-	
Lyons ...	29.92	78	NE	1	C	29.93	-.18	69	63	+ 5	SE	1	C	*	82	61	-	
Toulon ...																		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER

CHARTS

for 8 a.m. on Tuesday 8th JULY

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Iso-bars are drawn for each tenth of an inch changes 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.

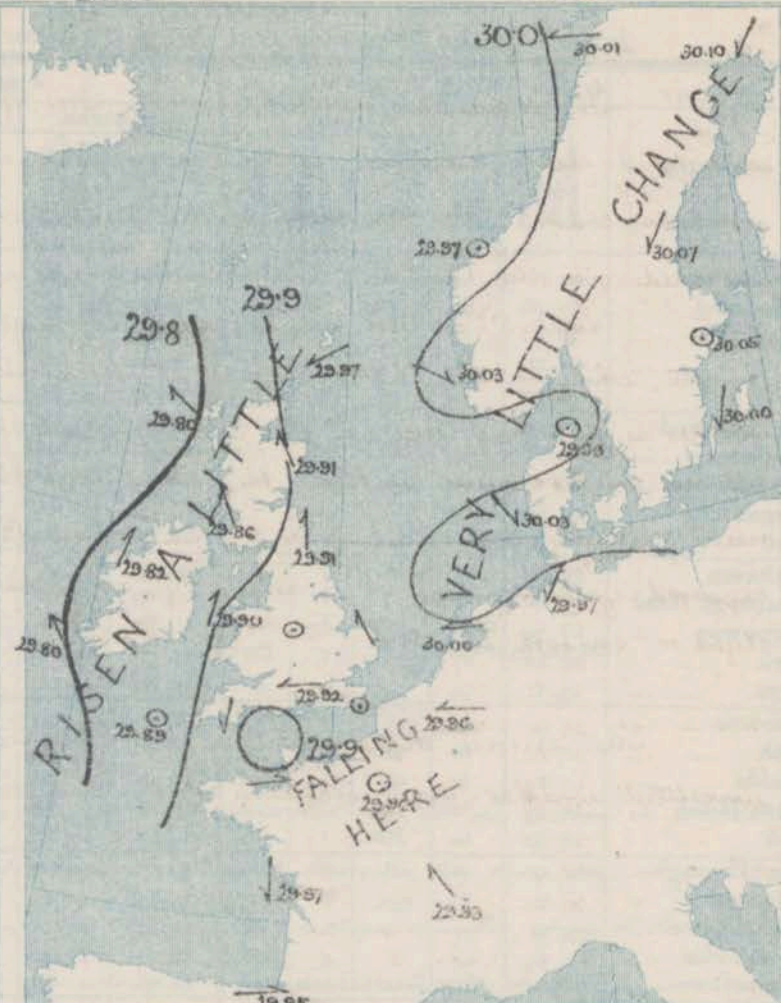
Sea Disturbance — where considerable is shown thus

■ = Rough ■ = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.849
Shields	29.873
York	29.902
Ardrossan	29.861
Donaghadee	29.876
Ballyhead	29.879
Liverpool	29.870
Valencia	29.944
Roches Point	29.940
Pembroke	29.942
Scilly	29.886
Durham Castle	29.961
Dover	29.959
LONDON	29.865
Oxford	29.941
Cambridge	29.937
Wormouth	29.924



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

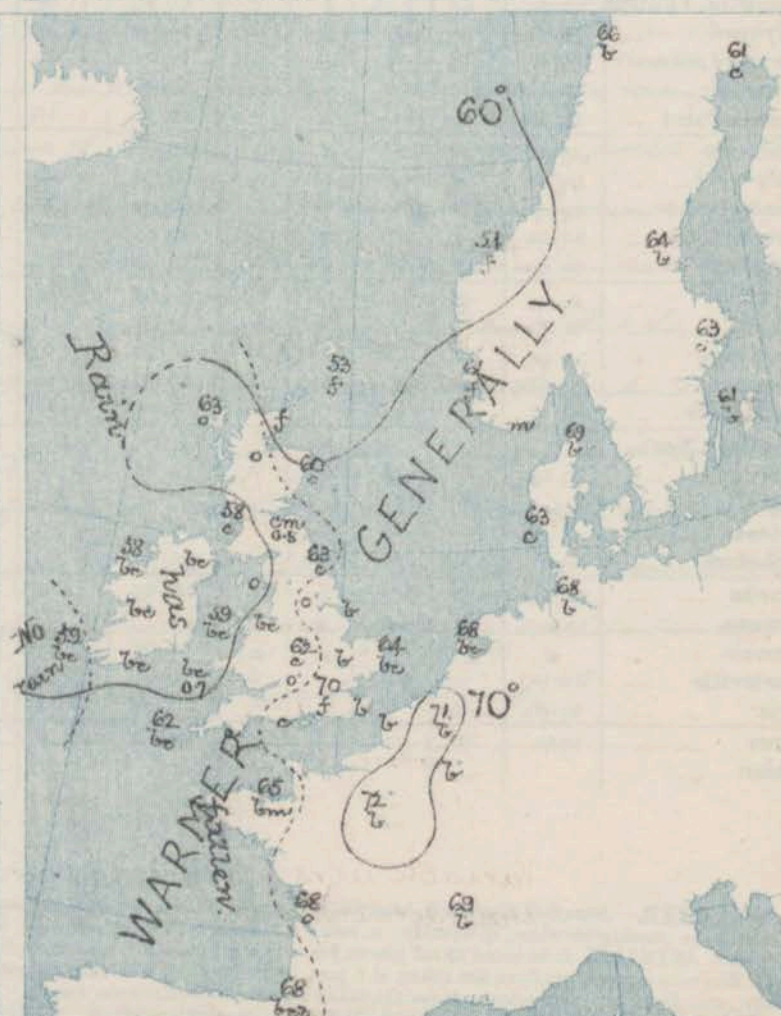
Weather — is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL. for the month of July

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	55.7	52.2	2.06
Stornoway	56.4	54.3	3.00
Wick	56.2	53.9	2.19
Nairn	57.9	53.7	2.55
Aberdeen	57.9	54.9	2.60
Leith	59.1	55.9	2.62
Shields	58.8	55.5	2.58
York	59.7	56.5	2.41
Ardrossan	57.8	54.4	2.82
Donaghadee	57.7	55.8	2.38
Ballyhead	58.3	56.1	2.19
Liverpool	60.8	56.1	3.01
Valencia	59.0	56.2	3.59
Roches Point	58.1	56.0	3.07
Pembroke	58.5	56.0	2.12
Scilly	60.2	56.2	1.06
Durham Castle	61.7	58.2	2.31
Dover	62.0	58.2	1.82
LONDON	62.5	58.6	2.36
Oxford	60.9	57.1	2.60
Cambridge	61.3	58.6	2.41
Wormouth	61.4	58.4	2.82

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.



REMARKS.

for Tuesday 8th July 1884, at 8 a.m.

The depression noticed over the west of Ireland yesterday morning subsequently moved northwards, and slowly dispersed, so that an increase of pressure has taken place on all our western and northern coasts. In the course of the night, however, a small but well defined disturbance has appeared over the Channel, and the barometer is now falling a little on our eastern and southern coasts. Light S^W or SE^W breezes prevail in most parts of our islands, but in France the wind is variable, while on the Channel coast it circulates round the small depression noticed above. The weather is dull and foggy in the extreme north, but fine elsewhere. During yesterday rain fell at all but our easterly stations, the amount at Pembroke being as much as 0.7 in. Temperature has risen generally, and readings range from 70° in London to 53° in the Shetlands. The highest maxima registered yesterday were 76° in London, 74° at Cambridge and 72° at Oxford. The sea is rough at Valencia, slight or smooth elsewhere.

The small depression over the Channel, will probably move northwards, and occasion unsettled weather in most parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 9th July. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SE ^W or E ^W winds, moderate; fair but foggy.	6 { SCOTLAND WEST	S ^W or variable airs; fair to unsettled and thundery.
2 { SCOTLAND EAST	SE ^W winds, light; fair to unsettled and thundery.	7 { ENGLAND N.W.	D ^o D ^o D ^o
3 { ENGLAND N.E.	D ^o D ^o D ^o	8 { ENGLAND S.W.	Same as No 5.
4 { ENGLAND EAST	Same as No 5.	9 { IRELAND NORTH	SE ^W and S ^W winds, light; fair generally.
5 { MIDLAND COUNTIES	Same as No 5.	10 { IRELAND SOUTH	D ^o D ^o D ^o
6 { ENGLAND SOUTH	Variable airs; unsettled with thunderstorms in most places.	WARNINGS None issued.	

Skudesnæs
Sumburgh Head
Stornoway
Aberdeen
Shields
Ardrossan
Mullaghmore
Holyhead

REMARKS.

The depression in the west is moving northwards and the barometer is rising at Valencia and Mullaghmore. S^W breezes continue in most parts of St. Britain, but in the west of Ireland the wind has veered to the W^d. Rain is falling at Shields and showers at Scilly and Mullaghmore. The sea is rather rough at Scilly.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for Wednesday 2nd July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

ISSUED BY THE METEOROLOGICAL OFFICE, No. 1, MARK LANE, LONDON, E.C. 3.																		
† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.	
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force. (0 to 12).	Weather.	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).	Weather.		Max.	Min.		
Haparanda	30.11	62	Z	0	b	30.11	+ .08	60	51	-	1	N	4	b	*	70	54	-
Hernösand ...	30.09	64	ENE	2	bc	30.15	+ .08	65	57	+	1	NE	4	b	*	75	48	-
Stockholm ...	30.08	61	Z	0	m	30.10	+ .05	60	60	+	6	N	2	o	*	77	55	-
Wisby ...	30.02	61	N	2	b	30.05	+ .05	63	60	+	2	W	4	b	*	64	54	-
Bodö ...	30.06	69	Z	0	b	30.12	+ .11	65	59	+	2	ENE	2	b	*	77	61	-
Christiansund ...	30.04	56	N	1	f	30.02	+ .11	54	50	+	0	ESE	1	m	1	59	?	-
†Skudesnaes ...	30.04	60	Z	0	o	30.09	+ .06	63	59	+	2	Z	0	o	2	66	59	-
Oxö (Xlausund) ...	30.02	64	SW	4	bc	30.06	+ .09	60	59	-	4	NNW	2	f	1	68	57	-
Skagen (The Skaw)	30.04	60	Z	0	b	30.08	+ .09	67	65	-	2	Z	0	b	0	77	59	-
Fanö ...	30.04	60	N	1	b	30.05	+ .02	71	66	+	8	SE	3	b	*	72	57	-
Cuxhaven ...	29.98	67	N	2	b	29.96	- .01	71	66	+	3	SE	1	b	*	?	59	-
†Sumburgh Head	29.95	57	ENE	2	m	29.98	+ .01	58	57	+	5	E	2	m	3	58	52	-
†Stornoway ...	29.86	65	SSW	4	bc	29.82	+ .02	61	58	-	2	Z	0	bc	0	65	55	0.12
Wick ...	29.87	60	S	1	bc	29.91	+ .01	57	56	0	0	S	3	om	1	65	53	0.01
Nairn ...	29.88	71	SW	1	o	29.86	+ .01	63	60	-	1	ENE	1	o	1	75	58	0.04
†Aberdeen ...	29.90	64	SSE	1	b	29.90	- .01	61	59	+	1	SSE	3	o	2	68	56	0.02
Leith ...	29.86	62	NE	1	bc	29.85	- .01	58	58	-	9	ENE	1	m	*	75	56	0.24
†Shields ...	29.89	61	SSE	4	c	29.88	- .03	58	57	-	5	SE	2	om	2	70	55	0.03
Spurn Head ...	29.87	61	E	4	b	29.87	- .08	60	59	-	2	SE	2	c	3	68	58	-
York ...	29.88	73	E	2	b	29.87	- .07	65	63	+	1	SSE	1	o	*	77	61	0.20
Loughborough ...	29.85	67	SSE	2	c	29.86	- .05	65	62	+	3	NE	1	o	*	83	59	0.54
†Ardrossan ...	29.86	65	Z	0	cn	29.84	- .02	60	55	+	2	SSE	1	b	1	66	57	-
†Mullaghmore ...	29.75	60	SE	5	bcx	29.72	- .03	59	55	+	1	SE	5	c	4	65	55	-
Donaghadee ...	29.86	58	SSW	2	bc	29.84	- .03	58	56	-	2	S	1	bc	0	61	47	-
Parsonstown ...	29.80	65	SSE	1	b	29.72	- .12	60	56	+	14	SE	2	o	*	68	53	-
Barrow-in-Furness	29.82	62	NN	2	c	29.85	- .02	59	56	0	0	NN	2	bc	2	70	57	0.07
†Holyhead ...	29.89	69	?	1	b	29.85	- .05	66	57	+	7	Z	0	b	0	?	54	-
Liverpool (Bidston)	29.85	68	WNW	2	o	29.85	- .06	63	56	-	3	N	1	bc	2	76	57	-
†Valencia ...	29.72	58	SSW	6	o	29.60	- .10	59	57	0	0	SE	7	o	6	63	54	0.17
Roche's Point ..	29.82	61	SSW	5	c	29.72	- .10	61	58	+	2	S	5	bc	4	65	55	0.15
Pembroke ...	29.88	60	W	1	c	29.82	- .06	59	57	+	2	SE	4	b	3	63	54	-
†Scilly ...	29.89	68	SSW	4	c	29.78	- .11	62	57	0	0	S	5	bc	5	67	56	-
Prawle Point ...	29.90	61	WSW	1	b	29.85	- .05	59	55	-	2	NNW	1	o	1	66	57	-
Hurst Castle ...	29.90	68	WSW	4	c	29.85	- .07	61	60	-	2	NE	1	r	1	71	58	0.16
†Dungeness ...	29.89	72	E	2	c	29.88	- .01	72	64	+	3	ESE	3	b	2	73	62	-
†London ...	29.87	78	S	3	bc	29.85	- .07	71	63	+	1	NE	2	m	*	84	61	-
Oxford ...	29.87	69	SE	2	o	29.85	- .08	66	62	+	4	ESE	1	bc	*	78	59	0.07
Cambridge ...	29.86	77	S	1	c	29.84	- .09	70	65	+	3	N	1	c	*	82	61	-
†Yarmouth ...	29.91	67	SE	4	b	29.87	- .09	65	62	+	1	SE	3	b	2	68	63	-
The Helder ...																		
Cape Griz Nez...	?	69	ENE	3	b	?	?	66	64	-	3	SW	1	c	3	77	61	-
†Jorsey ...	29.97	68	NNW	1	c	29.85	- .06	59	57	-	6	ENE	1	og	1	72	58	-
Brest ...	29.93	64	NNW	3	c	29.87	- .10	57	53	-	4	E	3	o	4	68	52	-
Lorient ...	29.95	63	S	5	o	29.89	- .08	57	55	-	3	NE	3	c	3	72	52	-
†Rochefort ...	29.95	67	NN	5	o	29.89	- .08	65	65	-	3	E	7	t	2	77	57	-
Biarritz ...																		
Corunna ...	*	*	*	*	*													
Brussels ...	*	*	*	*	*	29.87	- .09	74	63	+	3	SSE	3	bc	*	86	65	-
Charleville ...	30.03	86	E	1	bc	29.91	- .12	70	62	+	6	ESE	1	b	*	86	57	-
Paris ...	29.90	77	NNE	3	bc	29.88	- .08	73	64	+	1	Z	0	b	*	*	*	-
Lyons ...	29.88	73	WNW	1	bc	29.91	- .01	68	63	-	1	SSE	1	b	*	83	61	0.08
Toulon ...	30.12	72	S	1	m	30.13		68	64			E	1	f	2	82	64	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by D. B. Dyer, Ltd. London.

WEATHER CHARTS

For 8 a.m. on WEDNESDAY. 9TH JULY. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

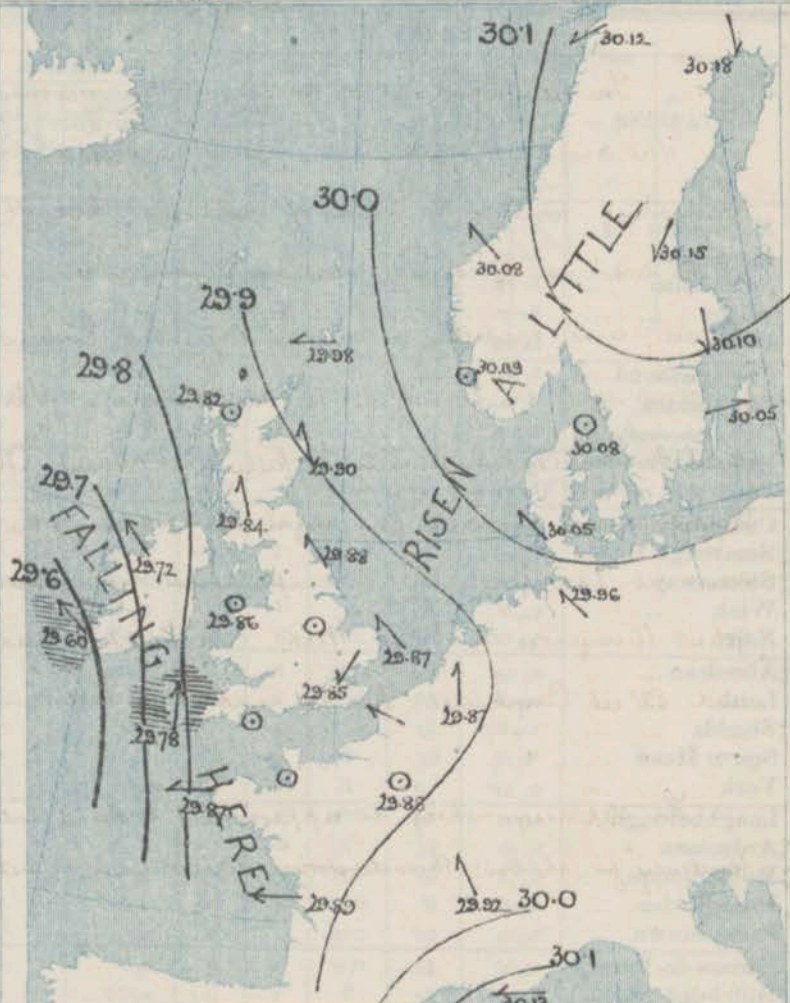
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — force above 10, — force 8 to 10,
 — force 5 to 7, — force 1 to 4,
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough — High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
 During the 10 years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.825
Leith	29.849
Shields	29.873
York	29.902
Ardrossan	29.881
Donaghadee	29.878
Ballyhead	29.874
Liverpool	29.910
Valencia	29.944
Roches Point	29.940
Pembroke	29.942
Scilly	29.980
Burys Castle	29.967
Dover	29.959
LONDON	29.955
Oxford	29.947
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

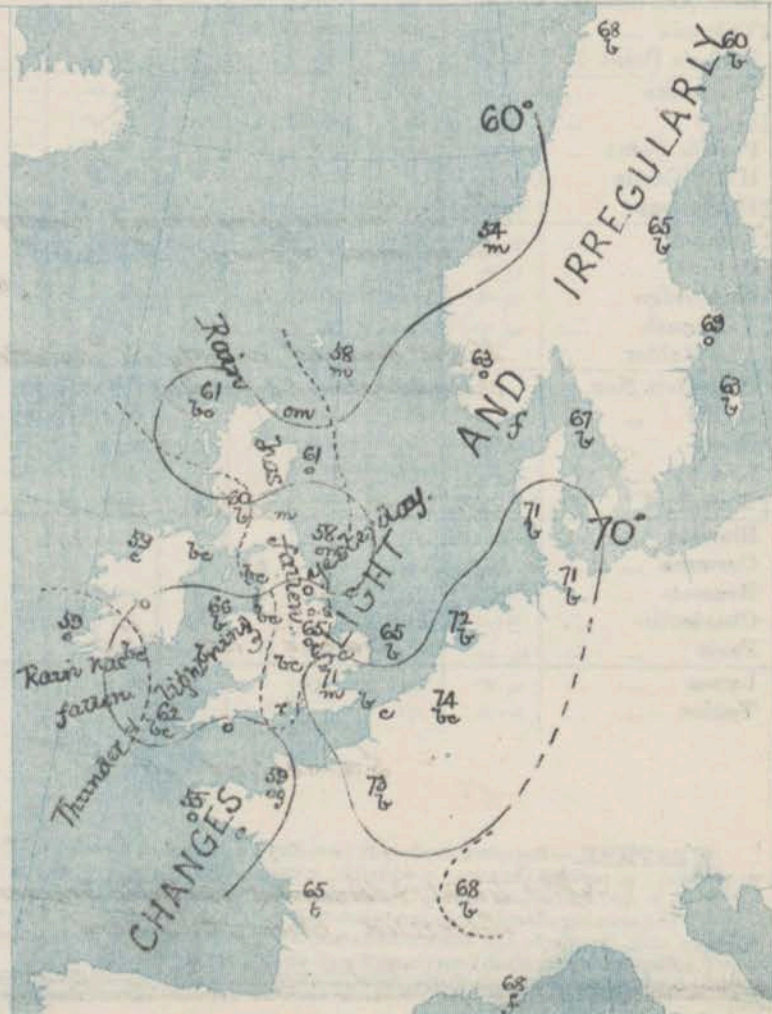
Temperature — Isotherms are drawn for each 1° change since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	63.7	57.2	2.06
Stornoway	56.4	50.3	1.60
Wick	56.2	50.3	2.10
Nairn	57.7	52.7	2.55
Aberdeen	57.2	51.9	2.60
Leith	58.7	55.0	2.62
Shields	58.8	55.5	2.48
York	59.7	56.5	2.91
Ardrossan	57.8	51.8	2.82
Donaghadee	57.7	51.3	2.56
Ballyhead	58.3	56.1	2.39
Liverpool	59.8	56.1	3.01
Valencia	58.0	56.2	3.59
Roches Point	59.1	56.0	3.07
Pembroke	58.6	56.2	2.72
Scilly	60.3	57.2	1.96
Burys Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.32
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.91
Yarmouth	61.4	58.4	2.82

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Wednesday 9th July* 1884, at 8 a.m.

The distribution of pressure this morning is rather complicated. An area of high readings lies over the north of Scandinavia, and a second over the Gulf of Genoa, while a depression is apparently advancing towards the south of Ireland. Over the Channel and north of France there are still indications of the presence of small shallow disturbances. The wind is E² or NE² in the Channel and north of France, and variable in the north-west of England, but elsewhere it is chiefly SE² or S², and at Valencia it blows with the force of a moderate gale. The weather is fair on the whole, but a good deal of cloud prevails locally, and rain is falling at Hurst Castle, while a thunderstorm is in progress at Rochefort. Thunderstorms occurred last night at several of the English stations, as well as at Leith, and lightning was seen at Ardrossan. Temperature has changed little and irregularly, and readings now range from 72° at Bournemouth to 57° at Wick. The highest maxima registered yesterday were 84° in London, 83° at Loughborough, and 82° at Cambridge. The sea is rough at Valencia and Scilly, slight & smooth elsewhere.

The depression which is approaching Ireland will probably move away in a Nth direction but there is still a tendency for shallow thunderstorm disturbances to advance over England.

FORECASTS

for the 24 hours ending at NOON on *10th July* 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	E ² & SE ² winds, freshening; cloudy, some mist & rain	6 SCOTLAND WEST	SE ² winds, freshening; fair to unsettled, with some rain, & perhaps thunder
2 SCOTLAND EAST	Tight breezes, chiefly SE ² , unsettled, thunderstorms locally	7 ENGLAND N.W.	-----D-----D-----D-----
3 ENGLAND N.E.	-----D-----D-----D-----	8 ENGLAND S.W.	SE ² or S ² winds, fresh and strong; unsettled, some rain, perhaps thunder
4 ENGLAND EAST	Same as N ^o 5	9 IRELAND NORTH	-----D-----D-----D-----
5 MIDLAND COUNTIES	Same as N ^o 5	10 IRELAND SOUTH	-----D-----D-----D-----
6 ENGLAND SOUTH	Tight & somewhat variable breezes; unsettled, close, squidery	WARNINGS	None Issued

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	30.02	66	62	WNW	2	0	2	Valencia	29.74	60	59	SSE	6	ry	6
Sumburgh Head	29.96	57	57	ESE	2	m	3	Scilly	29.90	66	55	SH	3	c	4
Stornoway	29.84	63	55	SSW	5	bc	4	Dungeness	29.91	72	64	ESE	2	bc	2
Aberdeen	29.91	66	62	SSE	2	b	2	London	29.87	80	66	ESE	3	c	•
Shields	29.92	62	60	ESE	2	c	2	Yarmouth	29.94	67	63	SE	3	b	2
Ardrossan	29.88	65	60	SSH	1	b	1	Jersey	29.91	71	63	WNW	1	b	1
Mullaghmore	29.80	65	65	SSE	5	bc	4	Rochefort	29.97	75	72	WNW	5	0	2
Holyhead	29.91	66	61	SH	1	b	1								

REMARKS.

The small depression noticed over the Channel this morning, is now shown near London and the barometer continues to fall in the SE of England. In the west of Ireland a separate fall is reported. S³ and SE² breezes prevail in most places, and rain has set in at Valencia. Sea is rough at Valencia, slight or smooth elsewhere.

DAILY WEATHER REPORT

for *Thursday* 10th JULY 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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.		
			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	30.17	61	N	2	b		30.19	+ .01	63	54	+ 3	N	4	b	*		68	57	—
Hernösand ...	30.19	62	Z	0	b		30.22	+ .07	63	56	— 2	NE	2	b	*		79	57	—
Stockholm ...	30.11	63	NE	2	b		30.13	+ .03	63	57	— 6	NNE	2	b	*		77	59	—
Wisby ...	30.05	62	NNW	4	o		30.06	+ .01	63	61	— 0	NE	4	b	*		66	57	0.04
Bodö ...	30.13	69	NNE	2	b		30.14	+ .01	69	58	+ 1	ENE	2	b	1		73	59	—
Christiansund ...	30.10	56	W	1	f		30.06	— .04	63	60	+ 9	ENE	1	b	1		63	50	—
Skudesnaes ...	30.06	66	Z	0	bc		30.03	— .06	70	61	+ 7	E	2	b	2		72	63	—
Oxö (Xiansund) ...	30.05	68	ESE	4	m		30.02	— .04	67	63	+ 7	ESE	6	b	4		73	?	—
Skagen (The Skaw)	30.01	72	Z	0	b		30.03	— .05	69	65	+ 2	E	3	b	1		79	66	—
Fanö ...	30.04	67	ESE	3	b		29.96	— .09	68	65	— 3	E	6	b	*		79	57	—
Cuxhaven ...	29.90	70	E	3	c		29.91	— .15	71	66	— 0	ESE	4	b	*		?	64	—
† Sumburgh Head	30.00	57	ESE	3	m		29.94	— .04	55	55	— 2	NE	4	m	4		59	54	—
† Stornoway ...	29.77	67	ESE	3	b		29.68	— .14	59	58	— 2	E	5	r	4		70	57	0.21
Wick ...	29.91	59	S	2	o		29.79	— .12	59	58	+ 2	SE	4	bc	2		59	53	0.06
Nairn ...	29.84	65	ESE	2	p		29.73	— .13	63	60	— 0	ESE	1	o	2		76	58	0.04
† Aberdeen ...	29.91	58	ESE	1	o		29.76	— .14	63	60	+ 2	SE	1	b	2		63	55	0.21
Leith ...	29.80	62	E	1	m		29.66	— .19	59	58	+ 1	SE	1	cm	*		67	56	0.16
† Shields ...	29.80	61	E	2	o		29.68	— .20	60	59	+ 2	E	1	o	2		62	56	0.25
Spurn Head ...	29.74	62	ESE	5	c		29.66	— .21	60	60	— 0	ESE	4	c	4		68	59	0.03
York ...	29.76	67	ESE	1	o		29.65	— .22	65	63	— 0	S	1	bc	*		76	58	0.54
Loughborough...	29.74	64	NE	1	r		29.63	— .23	64	63	— 1	SSH	1	c	*		76	57	0.41
† Ardrossan ...	29.73	64	Z	0	r		29.60	— .24	64	62	+ 4	NE	2	cm	1		69	59	0.58
† Mullaghmore ...	29.60	65	SE	6	bc		29.45	— .27	59	55	— 0	SE	6	c	5		68	56	0.01
Donaghadee ...	29.72	56	S	2	r		29.59	— .25	57	57	— 1	SSE	2	r	0		62	54	0.05
Parsonstown ...	29.62	63	SSE	2	bc		29.51	— .21	59	54	— 1	SE	1	b	*		68	54	—
Barrow-in-Furness	29.72	64	E	2	r		29.61	— .24	63	62	+ 4	E	2	o	2		68	59	0.12
† Holyhead ...	29.51	59	NE	1	c		29.59	— .26	61	59	— 5	SE	1	c	0		?	56	0.22
Liverpool (Bidston)	29.71	63	ESE	1	o		29.60	— .25	62	60	— 1	ESE	2	o	3		70	60	0.19
† Valencia ...	29.45	61	SE	8	cm		29.42	— .18	58	56	— 1	S	5	bc	5		65	50	0.57
Roche's Point ..	29.58	61	SSE	6	bc		29.47	— .25	60	46	— 1	SH	3	bc	4		66	54	0.15
Pembroke ...	29.68	60	SE	3	c		29.55	— .27	54	54	— 5	NN	1	rm	3		62	54	0.28
† Scilly ...	29.62	62	SSE	6	c		29.46	— .22	62	58	— 0	SH	4	c	6		66	53	0.24
Prawle Point ...	29.70	60	SE	1	o		29.60	— .25	58	58	— 1	SSE	5	o	5		66	57	0.05
Hurst Castle ...	29.76	64	SH	4	bc		29.65	— .20	61	59	— 0	SSH	2	o	1		69	59	0.39
† Dungeness ...	29.76	65	SSH	1	o		29.66	— .17	62	60	— 10	S	1	o	2		72	59	0.03
† London... ..	29.75	70	S	2	c		29.66	— .19	66	64	— 5	S	2	r	*		84	59	0.01
Oxford ...	29.70	68	S	1	bc		29.64	— .21	62	60	— 4	SSE	1	rug	*		72	57	—
Cambridge ...	29.73	69	Z	0	c		29.63	— .21	68	65	— 2	Z	0	o	*		85	56	0.60
† Yarmouth ...	29.75	68	ESE	4	bc		29.69	— .18	63	62	— 2	SE	2	bc	2		70	62	0.22
The Helder ...	29.82	75	E	3	bc		29.73	— .20	69	65	— 3	SE	1	c	1		82	68	0.04
Cape Griz Nez...																			
† Jersey ...	29.73	65	NNE	1	o		29.66	— .19	60	59	+ 1	S	3	ogm	3		66	58	0.01
Brest ...	29.71	62	S	5	o		29.64	— .23	59	57	+ 4	SSH	4	o	5		66	55	—
Lorient ...	29.76	64	SH	5	c		29.69	— .20	60	57	+ 3	NN	4	r	3		73	54	0.71
† Rochefort ...	29.81	70	NN	4	c		29.81	— .08	67	65	+ 2	S	5	oc	2		79	59	1.02
Biarritz ...	29.76	68	W	5	c		29.81	— .08	75	63	+ 9	N	4	c	2		75	63	—
Corunna ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*		29.71	— .16	70	65	— 4	SSH	3	a	*		88	64	0.08
Charleville ...	29.60	82	S	1	o		29.76	— .15	67	61	— 3	SSE	1	o	*		88	62	—
Paris ...	29.78	76	Z	0	bc		29.74	— .14	66	62	— 7	Z	0	bc	*		*	*	0.43
Lyons ...	29.81	80	S	5	o		29.81	— .11	70	63	+ 2	NN	1	o	*		87	68	—
Toulon ...	30.08	72	SE	4	m		30.06	— .07	71	68	+ 3	E	3	m	2		82	66	—

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 France and our Islands with the exception of Oxford, where they are taken at 3 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 8 a.m. on Thursday 10th JULY.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isothers are drawn for each tenth of an inch. Changes since previous morning are stated in words.

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

→ = force above 10, →→ = force 8 to 10,
→→ = force 5 to 7, → = force 1 to 4,
⊙ = dead calm.

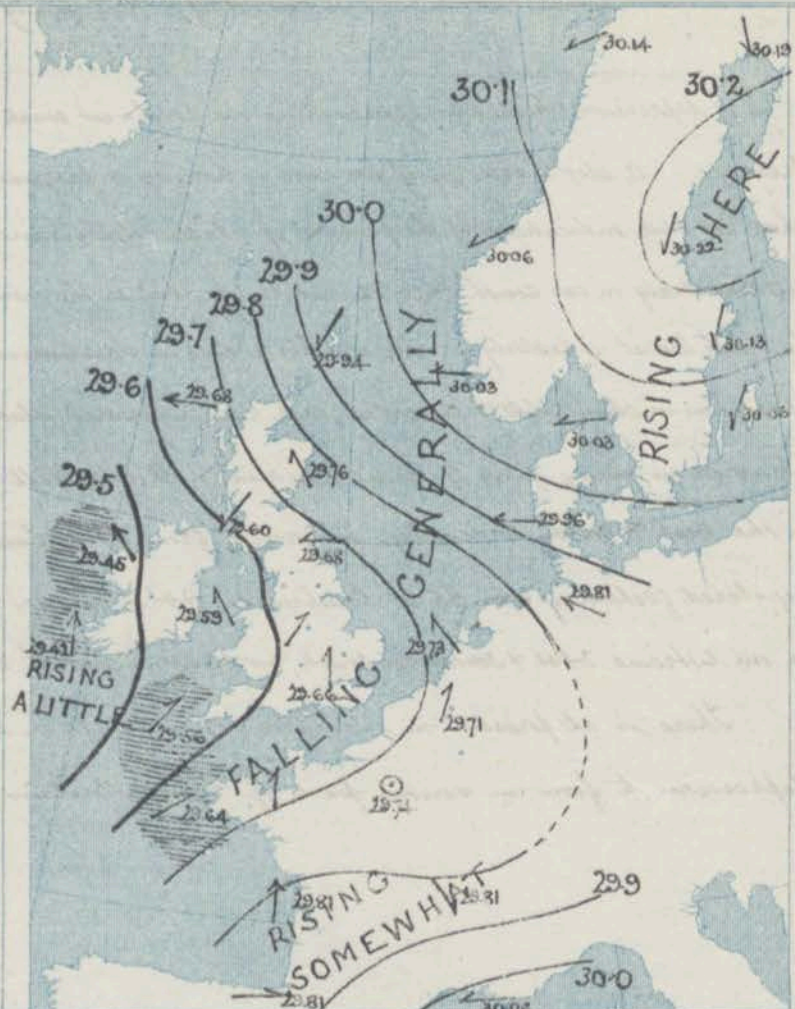
Sea Disturbance — where considerable is shown thus

▨ = Rough, ▨ = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.799
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.853
York.	29.902
Ardrossan.	29.869
Donaghadee.	29.878
Billyhead.	29.849
Liverpool.	29.810
Valencia.	29.844
Rocks Point.	29.840
Zembruks.	29.842
Sally.	29.886
Hurst Castle.	29.861
Dover.	29.869
LONDON.	29.865
Oxford.	29.841
Cambridge.	29.837
Yarmouth.	29.829



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by letters of the Beaufort Scale.

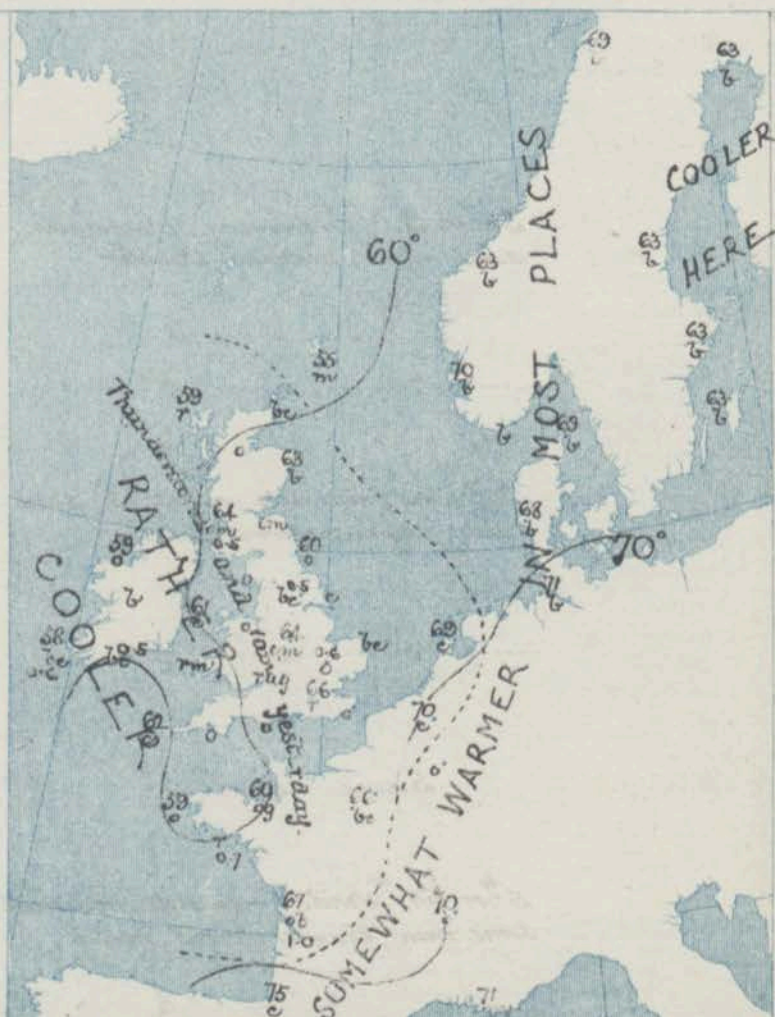
Rainfall — A dotted line shows the districts in which rain has fallen from those in which there has been none. Falls of 0.5 in. or less are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Day Bulb.	Night Bulb.	
Sumburgh Head.	53.7	52.2	2.06
Stornoway.	56.4	55.3	3.00
Wick.	56.2	55.2	2.19
Nairn.	57.4	56.7	2.55
Aberdeen.	57.9	56.4	2.00
Leith.	58.1	55.9	2.62
Shields.	58.5	55.5	2.86
York.	59.7	56.4	2.31
Ardrossan.	57.8	54.6	2.82
Donaghadee.	57.7	55.9	2.86
Billyhead.	58.3	56.1	2.19
Liverpool.	58.8	56.1	3.01
Valencia.	59.0	56.2	3.59
Rocks Point.	59.1	56.0	3.07
Zembruks.	58.5	55.2	2.12
Sally.	60.3	58.2	1.96
Hurst Castle.	61.7	59.2	2.31
Dover.	63.0	59.2	1.82
LONDON.	62.5	58.6	2.36
Oxford.	60.4	57.1	2.60
Cambridge.	61.3	58.0	2.41
Yarmouth.	61.4	58.4	2.82

Note: — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for *Thursday 10th July* 1884, at 8 a.m.

The depression which was approaching our Southwest coast yesterday, has moved slowly northwards & now lies off the west of Ireland. A slight recovery of pressure is therefore in progress in the southwest, but elsewhere the barometer is falling slowly & there are still indications of the presence of shallow depressions in various parts of Great Britain. The wind is Southerly or Southwesterly on our South & Southwest coasts, but in the north & east it is chiefly Southeasterly, while on the eastern shores of the North Sea it is Easterly. The weather is fine in Scandinavia, Denmark, the east of Scotland & south of Ireland, but elsewhere the conditions are changeable & unsettled, with rain in several places, & thunder at Rochefort. During yesterday thunderstorms occurred in many parts of Great Britain & showers fell over the whole Kingdom. Temperature has fallen a little in the west & south, & readings now range from 68° at Cambridge to 55° in the Shetlands. The highest maxima registered yesterday were 85° at Cambridge, 84° in London & 76° at Nairn, York & Loughborough. The sea is rough on our extreme West & Southwest coasts, moderate to smooth elsewhere.

There is at present no indication of a change in the weather. A tendency still exists for thunderstorm depression to form in various parts of Great Britain.

FORECASTS

For the 24 hours ending at NOON on *11th July* 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

1 { SCOTLAND
NORTH

SEth winds, freshening; changeable,
some rain, perhaps thunder

2 { SCOTLAND
EAST

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

3 { ENGLAND
N.E.

SEth winds, moderate; unsettled, some
rain, thunderstorms locally

4 { ENGLAND
EAST

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

5 { MIDLAND
COUNTIES

Same as N° 5

6 { ENGLAND
SOUTH

Sth or SEth winds, moderate; unsettled,
some rain, thunderstorms locally

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Same as N° 2 & 3

7 { ENGLAND
N.W.

Same as N° 2 & 3

8 { ENGLAND
S.W.

Same as N° 4 & 5

9 { IRELAND
NORTH

Sth or SEth winds fresh; changeable,
some rain

10 { IRELAND
SOUTH

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

WARNINGS

None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes	29.09	71	62	W	1	6	Valencia	29.58	64	60	SE	8	cm	?
Sumburgh Head	29.02	57	56	ENE	3	m	Scilly	29.69	64	58	SSE	6	6c	5
Stornoway	29.82	69	63	ENE	2	6c	Dungeness	29.79	65	61	SSW	3	0	2
Aberdeen	29.93	61	60	SSE	3	op	London	29.74	81	68	S	4	0	*
Shields	29.89	60	60	E	1	0	Yarmouth	29.81	69	64	SE	2	6	3
Ardrossan	29.79	67	60	WSW	1	6c	Jersey	29.78	63	60	WSW	1	0	1
Mullaghmore	29.64	66	51	SE	6	cy	Rochefort	29.68	73	68	NNW	3	c	2
Holyhead	29.51	60	56	NE	1	c								

REMARKS.

The barometer continues to fall at all our W. and S.W. stations, while the depression in the S.W. appears to be growing deeper; another shallow disturbance is being formed over the south of England. Strong S.E. winds prevail in the W. and S.W., with a gale at Valencia, & cloudy weather has set in over the S.E. of England. The sea is rough in the S.W., moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Fri-day* *11th July* 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 35° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		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).		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	30.08	64	W	2	C	30.01	-18	70	65	+7	SE	2	C	*	72	50	-		
Hernösand ...	30.15	60	Z	0	C	30.09	-18	65	57	+2	Z	0	C	*	81	46	-		
Stockholm ...	30.08	60	E	2	C	30.07	-06	66	58	+3	Z	0	C	*	73	55	-		
Wisby ...	30.02	61	NW	4	C	30.02	-04	64	58	+1	SE	6	C	*	68	58	-		
Bodö ...	30.01	67	NW	2	C	30.04	-10	58	55	-11	NW	2	C	1	73	54	-		
Christiansund ...	30.01	64	W	2	C	29.94	-12	73	64	+10	SE	1	C	1	73	59	-		
† Skudesnaes ...	29.96	69	WNW	1	C	29.92	-11	69	69	-1	E	6	C	3	77	68	-		
Oxö (Xtiansund) ...	29.97	69	S	6	m	29.93	-09	66	60	-1	E	4	O	3	72	64	-		
Skagen (The Skaw)	29.97	70	E	2	C	29.97	-06	68	59	-1	SE	8	C	2	81	66	-		
Fanö ...	29.85	65	E	6	C	29.78	-18	67	63	-1	E	6	C	*	79	61	-		
Cuxhaven ...	29.70	66	SE	5	C	29.68	-13	65	65	-6	SE	2	N	*	7	61	0.28		
† Sumburgh Head	29.89	60	W	4	C	29.82	-12	61	58	+6	W	4	C	4	62	54	-		
† Stornoway ...	29.62	61	E	5	O	29.55	-13	60	58	+1	E	5	O	4	63	58	0.22		
Wick ...	29.73	58	SE	5	O	29.65	-14	60	58	+1	SE	6	C	4	65	55	-		
Nairn ...	29.64	68	W	2	O	29.57	-19	62	59	-1	SE	3	O	2	67	60	0.09		
† Aberdeen ...	29.69	58	E	1	Op	29.54	-22	57	57	-6	E	4	Op	6	64	56	0.24		
Leith ...	29.58	62	SE	3	O	29.55	-11	55	54	-4	N	1	Op	*	67	54	0.66		
† Shields ...	29.58	58	SE	4	A	29.60	-08	58	57	-2	SW	1	O	3	62	54	0.25		
Spurn Head ...	29.60	63	SE	1	C	29.70	+04	61	58	+1	SSW	4	C	4	66	55	0.14		
York ...	29.59	64	S	1	A	29.66	+01	60	57	-5	SW	3	C	*	73	52	1.63		
Loughborough...	29.59	60	S	3	O	29.71	+08	60	56	-4	SW	4	C	*	69	61	0.29		
† Ardrossan ...	29.54	62	W	1	A	29.56	-04	57	56	-7	S	1	A	1	68	55	0.97		
† Mullaghmore ...	29.49	59	SE	4	P	29.53	+08	57	56	0	Z	0	Op	1	67	56	0.06		
Donaghadee ...	29.55	59	S	1	A	29.58	-01	57	56	0	N	1	O	0	61	52	0.17		
Parsonstown ...	29.50	66	S	1	C	29.59	+08	58	55	-1	Z	0	C	*	70	48	-		
Barrow-in-Furness	29.55	60	SW	4	A	29.61	-00	58	56	-5	SSW	3	C	3	69	53	0.35		
† Holyhead ...	29.57	57	SW	3	C	29.62	+03	59	56	-2	SW	2	C	1	69	54	0.15		
Liverpool (Bidston)	29.58	55	W	3	O	29.65	+05	61	56	-1	SE	2	C	3	69	51	0.40		
† Valencia ...	29.50	60	S	5	C	29.47	+05	58	55	0	SE	5	C	5	63	52	0.04		
Roche's Point ..	29.57	61	SSW	3	C	29.57	+10	61	58	+1	S	4	C	4	64	53	0.12		
Pembroke ...	29.59	60	SW	3	C	29.63	+08	60	58	+6	S	3	C	4	63	54	0.12		
† Scilly ...	29.63	62	SW	5	Op	29.60	+04	61	57	-1	S	5	C	6	66	55	0.04		
Prawle Point ...	29.67	60	SW	3	C	29.71	+11	59	58	+1	SE	8	C	3	65	55	0.02		
Hurst Castle ...	29.67	61	SW	4	C	29.76	+11	61	58	0	SW	4	C	2	64	57	0.10		
† Dungeness ...	29.69	68	W	2	A	29.80	+14	61	58	-1	SW	3	C	3	72	57	0.22		
† London...	29.63	61	SSW	3	A	29.78	+12	63	57	-3	SSW	3	C	*	72	53	0.29		
Oxford ...	29.64	57	S	2	O	29.73	+09	62	57	0	S	2	C	*	66	51	0.27		
Cambridge ...	29.72	65	SW	2	O	29.75	+12	61	58	-7	S	1	C	*	68	50	0.56		
† Yarmouth ...	29.63	67	SE	3	C	29.76	+07	62	57	-1	W	3	C	2	68	54	0.09		
The Helder ...	29.67	69	SE	1	C	29.75	+02	63	61	-6	SW	3	C	2	71	63	0.79		
Cape Griz Nez...	?	64	SE	3	O	?	?	61	58	?	W	4	C	3	72	57	0.28		
† Jersey ...	29.71	62	W	2	C	29.76	+10	60	58	0	SE	3	Op	3	64	55	0.07		
Brest ...	29.73	61	SW	5	O	29.71	+07	57	56	-2	S	4	A	5	66	55	0.08		
Lorient ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
† Rochefort ...	29.90	68	WNW	5	C	29.91	+10	65	63	-2	S	4	C	2	72	57	-		
Biarritz ...	29.89	67	WNW	3	C	29.85	+04	68	64	-7	SE	4	C	2	79	61	-		
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Brussels ...	?	?	?	?	?	29.86	+15	62	57	-8	SW	4	C	*	76	56	0.28		
Charleville ...	29.92	73	SSW	4	O	29.89	+13	69	53	-8	S	7	C	*	81	54	-		
Paris ...	29.73	73	SW	1	O	29.92	+18	63	67	-3	SW	1	C	*	?	?	-		
Lyons ...	29.84	70	SE	1	C	29.95	+14	62	61	-2	NW	1	O	*	72	58	0.43		
Toulon ...	30.04	72	S	1	C	30.04	-02	76	68	+5	Z	0	Op	0	82	66	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

† Received too late for mention in Chart

Printed by W. & A. G. Smith, London.

WEATHER

CHARTS

for 8 a.m. on Friday 11th JULY

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes 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 thus

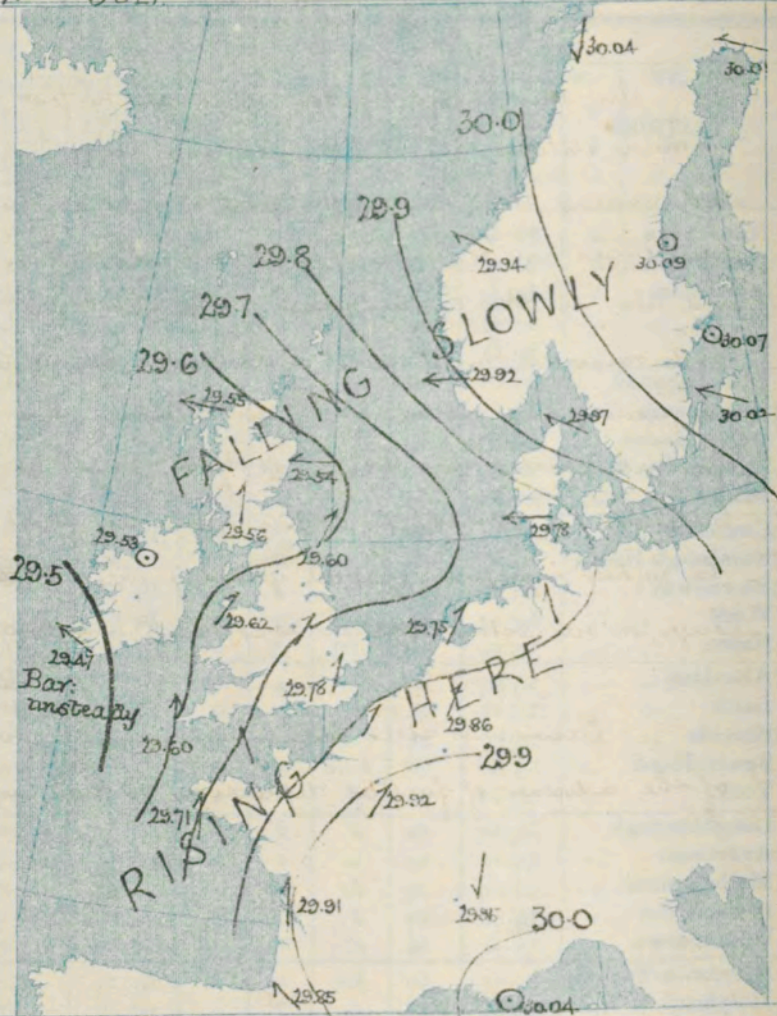
— Rough, — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

During the 10 Years 1871—1880.

STATIONS	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	28.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Rock's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	28.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	55.7	52.2	2.06
Stornoway	56.4	51.3	3.00
Wick	56.2	53.3	2.18
Nairn	57.4	53.7	2.55
Aberdeen	57.9	54.9	2.60
Leith	59.1	55.9	2.62
Shields	59.8	55.5	2.66
York	59.7	56.5	2.41
Ardrossan	57.8	54.6	2.02
Donaghadee	57.7	55.9	2.56
Holyhead	58.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.59
Rock's Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Scilly	60.3	58.2	1.96
Hurst Castle	61.7	59.2	2.31
Dover	63.0	60.2	1.82
LONDON	62.5	59.6	2.35
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Friday 11th JULY 1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall at our extreme northern stations, but in the west and south a slight recovery of pressure has taken place. An area of low readings still lies off the west of Ireland, but the shallow depressions noticed over England yesterday have passed on to Scotland and the North Sea. The wind is fresh from the End in the north of Scotland, and also on the eastern shore of the North Sea, but elsewhere it is chiefly Sth. The weather is unsettled and rainy in most parts of Scotland, but generally fine elsewhere. During yesterday rain fell in nearly all places, and at several of our stations, where thunderstorms occurred, the fall was very heavy. The largest amounts reported are 1.6 ins. at York, 1.0 in. at Ardrossan, 0.8 in. at the Helder, 0.7 in. at Leith, and 0.6 in. at Cambridge. Temperature has fallen in most places, and readings range from 63° in London to 55° at Leith. The highest maxima registered yesterday were 73° at York, and 72° at Dungeness, and in London. The sea is rough on our extreme south-west coast, as well as at Aberdeen, moderate to smooth elsewhere.

Pressure is still rather unsteady to the southward of our islands, and there is some probability of the advance of further depressions, so that unsettled showery weather is likely to continue.

FORECASTS

for the 24 hours ending at NOON on 12th JULY 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH Eth and SEth winds, fresh,
unsettled, showery.

1 { SCOTLAND
EAST Variable breezes; cloudy,
rain at times, perhaps thunder.

2 { ENGLAND
N.E. Same as No 5.

3 { ENGLAND
EAST Same as No 5.

4 { MIDLAND
COUNTIES Same as No 5.

5 { ENGLAND
SOUTH Sth or SWth winds, moderate;
changeable, some showers, thunder
locally.

6 { SCOTLAND
WEST Same as No 1.

7 { ENGLAND
N.W. Sth winds, moderate;
unsettled, some showers.

8 { ENGLAND
S.W. --- Do --- Do --- Do

9 { IRELAND
NORTH Sth and SEth winds, moderate,
or fresh; fair to unsettled and
some rain.

10 { IRELAND
SOUTH --- Do --- Do --- Do

WARNINGS

None issued.

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.97	77	64	E	6	C	2.	Valencia	29.47	61	57	S	5	cw	5.
Sumburgh Head	29.93	61	60	N.E.	4	C	4	Scilly	29.61	65	58	SW	5	c	5
Sternoway	29.66	61	59	S	5	A	4	Dungeness	29.67	63	60	SW	3	c	3
Aberdeen	29.73	60	58	ESE	2	P	3	London	29.61	71	63	SE	2	c	4
Shields	29.60	61	60	E	3	C	2	Yarmouth	29.64	68	65	SSE	3	pt	3
Ardrossan	29.52	65	63	W	0	A	0	Jersey	29.68	62	59	W	3	c	3
Mullaghmore	29.49	66	57	ESE	4	CV	2	Rochefort	29.67	66	64	W	7	o	2
Holyhead	29.52	58	57	W	1	A	1								

REMARKS.

The barometer continues to fall slightly on our north and east coasts, but is rising in the west. Very little change is shown in the winds. Rain is falling at Stornoway and Holyhead and showers at Aberdeen and Yarmouth. The sea is rather rough in the south west, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Saturday 12th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	SHADE TEMP.				
			Dir.	Force (0 to 10).		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).	Weather.		Max.	Min.	Average of 24 hours.		
Haparanda	29.80	69	SW	2	b	29.76	-.04	68	59	-9	N	2	b	0	75	55	-		
Hernösand ...	29.84	68	S	4	b	29.88	+.04	71	60	+9	W	4	b	0	79	46	-		
Stockholm ...	29.83	61	W	2	b	29.83	0	64	57	-7	WNW	2	b	0	75	52	-		
Wisby ...	29.87	59	ESE	2	b	29.82	-.05	63	55	-8	E	4	b	0	72	54	-		
Bodö ...	29.95	57	NNE	2	b	29.90	-.05	54	51	-3	NNE	2	b	1	63	50	-		
Christiansund ...	29.91	67	W	2	b	29.87	-.04	67	60	-7	S	1	b	0	75	57	-		
Skudesnaes ...	29.88	68	SSE	4	o	29.87	-.01	69	59	-10	Z	0	o	3	73	57	0.35		
Oxö (Xiansund) ...	29.92	67	FNE	4	o	29.88	-.04	69	59	-10	S	4	r	3	72	59	0.24		
Skagen (The Skaw) ...	29.93	68	ESE	2	c	29.95	+.02	66	61	+5	SSE	3	c	2	79	44	-		
Fanö ...	29.90	61	W	4	c	29.95	+.05	64	60	+4	SW	1	c	0	68	54	0.12		
Cuxhaven ...	29.79	62	WNW	3	o	29.98	+.19	65	62	+3	S	1	bc	0	72	53	0.26		
Sumburgh Head ...	29.76	60	ENE	4	b	29.77	+.01	58	57	-1	E	3	bc	4	64	50	0.01		
Stornoway ...	29.62	56	SSE	4	o	29.65	+.03	60	57	-3	ENE	3	b	2	64	58	0.06		
Wick ...	29.64	57	SE	2	m	29.70	+.06	58	57	-1	S	1	bc	1	61	47	0.06		
Nairn ...	29.63	61	Z	0	r	29.66	+.03	50	52	+2	Z	0	c	1	63	50	0.08		
Aberdeen ...	29.66	58	SSW	1	o	29.70	+.04	56	55	-1	SSE	1	o	4	62	48	0.16		
Leith ...	29.65	63	SE	1	b	29.68	+.03	63	57	-6	SW	2	bc	0	68	53	0.19		
Shields ...	29.70	61	Z	0	e	29.73	+.03	62	57	-5	WSW	3	c	3	69	56	0.10		
Spurn Head ...	29.74	66	S	4	bc	29.80	+.06	61	59	-2	SW	3	bc	3	69	58	-		
York ...	29.70	67	S	4	bc	29.79	+.09	61	50	-11	S	2	b	0	72	55	0.04		
Loughborough ...	29.72	64	SSE	4	o	29.83	+.11	62	57	-5	SW	5	bc	0	70	54	-		
Ardrossan ...	29.62	63	SSW	1	b	29.66	+.04	58	50	-8	S	4	c	3	63	54	0.13		
Mullaghmore ...	29.69	64	SSE	3	bc	29.63	-.06	59	54	-5	SSW	3	bc	2	69	57	0.03		
Donaghadee ...	29.62	59	SE	3	bc	29.69	+.07	60	56	-4	WSW	3	b	1	65	53	0.46		
Parsonstown ...	29.61	55	SE	1	r	29.68	+.07	58	54	-4	S	1	b	0	63	47	0.18		
Barrow-in-Furness ...	29.64	68	SE	2	bc	29.72	+.08	59	55	-4	SW	4	b	3	66	57	0.15		
Holyhead ...	29.58	63	SSE	3	bc	29.74	+.16	61	57	-4	SSW	2	b	1	63	54	0.66		
Liverpool (Bidston) ...	29.65	63	SSE	2	o	29.77	+.12	62	56	-4	SSE	2	b	2	68	52	0.10		
Valencia ...	29.48	58	SSE	5	bc	29.54	+.06	60	59	+1	ESE	5	cp	5	62	56	0.11		
Roche's Point ...	29.53	60	SW	4	bc	29.62	+.09	61	59	-2	SSE	5	c	4	64	54	0.20		
Pembroke ...	29.55	59	S	5	bc	29.71	+.16	58	57	-1	SE	5	om	4	63	56	0.08		
Scilly ...	29.60	61	SW	5	c	29.66	+.06	64	61	+3	SSW	5	bc	6	64	54	0.50		
Prawle Point ...	29.68	60	SSW	4	c	29.76	+.08	59	57	-2	SE	4	o	3	63	56	0.08		
Hurst Castle ...	29.73	60	SSE	2	r	29.85	+.12	61	60	-1	SSW	2	r	2	65	58	0.29		
Dungeness ...	29.82	62	SSE	2	o	29.89	+.07	62	60	-2	S	3	c	3	64	59	0.05		
London ...	29.78	64	SSE	4	o	29.88	+.10	64	60	-4	SW	2	c	0	71	57	0.07		
Oxford ...	29.78	60	SE	3	p	29.85	+.07	59	57	-2	S	3	o	0	69	55	0.05		
Cambridge ...	29.77	65	SW	2	o	29.86	+.09	64	61	+3	SSW	1	c	0	70	55	0.16		
Yarmouth ...	29.80	65	S	5	bc	29.87	+.07	66	59	-7	WSW	2	b	2	68	60	0.03		
The Helder ...	29.88	63	S	1	c	29.89	+.01	66	62	+4	SSW	1	o	1	72	61	-		
Cape Griz Nez ...																			
Jersey ...	29.74	63	SSW	4	c	29.83	+.09	61	61	+0	SSE	4	cp	3	65	57	0.08		
Brest ...	29.73	62	S	5	o	29.75	+.02	59	57	-2	S	7	o	5	72	57	0.75		
Lorient ...	29.81	64	SW	5	m	29.82	-.01	63	63	+0	SSE	5	o	3	72	57	0.12		
Rocheport ...	29.73	72	WNW	4	bc	29.94	+.21	67	64	-3	SE	4	b	2	79	54	-		
Biarritz ...	29.86	74	N	4	b	29.88	+.02	72	65	-7	Z	0	b	1	79	68	-		
Corunna ...																			
Brussels ...						29.94	+.08	69	63	-6	SW	3	bc	0	74	61	0.04		
Charleville ...	29.41	73	S	1	b	29.95	+.09	67	61	-6	ESE	1	b	0	77	59	0.24		
Paris ...	29.40	72	WSW	3	bc	29.97	+.05	68	64	-4	WSW	3	b	0			-		
Lyons ...																			
Toulon ...	30.07	76	SW	3	m	30.20	+.13	68	66	-2	S	E	3	m	2	86	64	-	

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by D. B. Doughty, Lith. London.

WEATHER CHARTS

for 8 a.m. on *Saturday*. 12TH JULY. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch changes 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 —

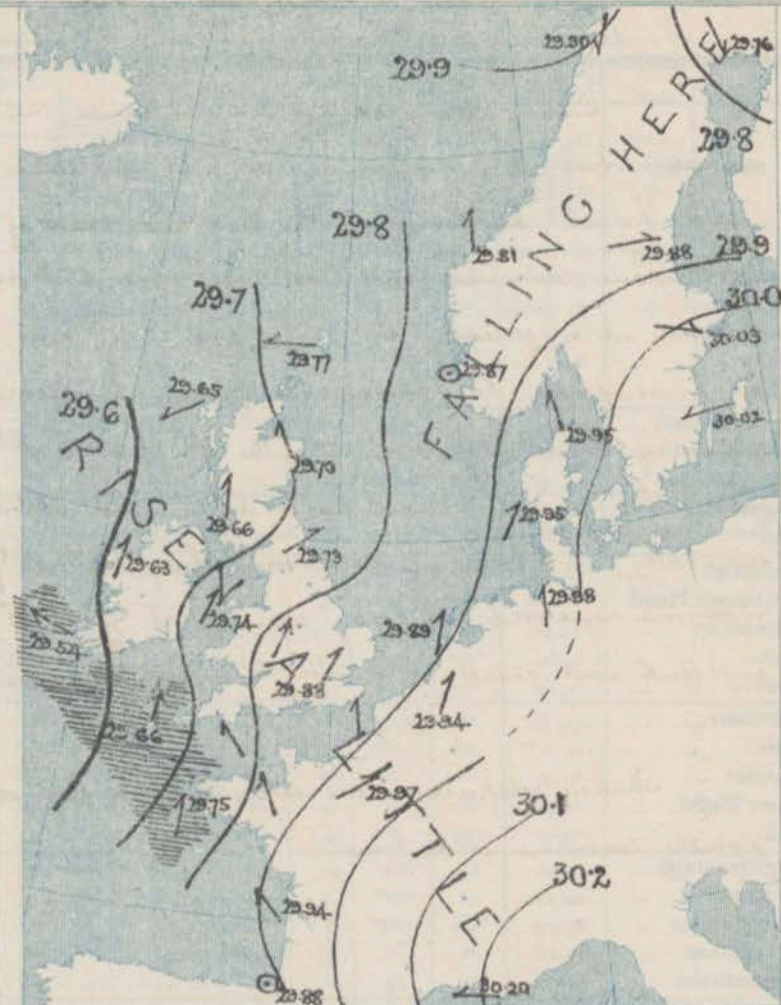
→ = forces above 10; — forces 8 to 10;
 → = forces 5 to 7; — forces 1 to 4;
 ⊙ = dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.789
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrossan.	29.864
Donaghadee.	29.878
Ballyhead.	29.914
Liverpool.	29.870
Valencia.	29.941
Roches Point.	29.940
Pembroke.	29.942
Sally.	29.985
Hurst Castle.	29.961
Dover.	29.859
LONDON.	29.865
Oxford.	29.911
Cambridge.	29.937
Yarmouth.	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL.

for the month of *July*

STATIONS	TEMPERATURE		RAINFALL
	Day Bulb.	Night Bulb.	
Sumburgh Head	63.7	62.2	2.08
Stornoway	56.4	59.3	3.00
Wick	56.2	59.9	2.19
Nairn	57.4	63.7	2.45
Aberdeen	57.9	64.4	2.40
Leith	58.7	65.9	2.62
Shields	58.8	66.5	2.56
York	59.7	66.5	2.41
Ardrossan	57.8	64.4	2.82
Donaghadee	57.7	65.9	2.56
Ballyhead	58.3	66.1	2.19
Liverpool	58.8	66.1	3.01
Valencia	59.0	66.2	3.59
Roches Point	58.1	66.0	3.07
Pembroke	58.5	66.2	2.12
Sally	60.3	68.2	1.96
Hurst Castle	61.7	69.2	2.31
Dover	62.0	69.2	1.82
LONDON	62.5	68.4	2.56
Oxford	60.4	67.1	2.80
Cambridge	61.8	68.0	2.41
Yarmouth	61.9	68.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Saturday 12th July* 1884, at 8 a.m.

During the past twenty-four hours the barometer has continued to fall at the Scandinavian stations, while it has risen a little over our islands and France. Pressure is highest over the south and south-east of France, and lowest off the west and south of Ireland, but gradients are everywhere moderate. The wind is S.W. on our east and south-east coast, and S.E. over the Bay of Biscay and south-west of our islands, but elsewhere it is generally S. In force it is light or moderate on all coasts. The weather is at present fair in most places, but showers are falling at Valencia and Jersey and rain at Hurst Castle. Showers fell yesterday in nearly all parts of the Kingdom, and thunderstorms occurred at several of the English stations. At Scilly the rainfall amounted to 0.8 in. and at Holyhead to 0.7 in. Temperature has changed little and irregularly, and readings now range from 66° at Yarmouth to 56° at Kairo and Aberdeen. The highest maxima registered yesterday were 72° at York, 71° in London, and 70° at Loughborough. The sea is rough on our south-west coast, moderate to smooth elsewhere.

Shallow depressions are still likely to pass over our islands, so that unsettled showery weather will probably continue for a time.

FORECASTS

for the 24 hours ending at NOON on *13th July* 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E ^{ly} or S.E. ^{ly} winds, moderate; changeable, some showers	6 { SCOTLAND WEST	S ^{ly} & S.W. ^{ly} winds, moderate; fair generally
1 { SCOTLAND EAST	S ^{ly} winds, moderate; changeable, some showers.	7 { ENGLAND N. W.	-----D-----D-----D-----
2 { ENGLAND N. E.	Same as N ^o 5	8 { ENGLAND S. W.	Same as N ^o 5
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	S.E. ^{ly} or S ^{ly} winds, moderate; changeable, some rain
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	S ^{ly} or S.W. ^{ly} winds, moderate; fair on the whole, but some showers	WARNINGS	None Issued

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.58	73	61	ESE	4	bc	3	Valencia	29.45	61	57	SSW	4	bc	5
Sumburgh Head	29.57	63	59	ENE	4	b	5	Scilly	29.54	62	60	S	5	c	6
Stornoway	29.55	36	36	SSE	6	d	5	Dungeness	29.53	64	59	S	3	c	3
Aberdeen	29.62	59	58	S	1	o	6	London	29.78	67	?	S	3	c	4
Shields	29.65	69	60	SW	4	a	3	Yarmouth	29.79	67	60	S	6	b	4
Ardrossan	29.61	67	58	SW	3	b	3	Jersey	29.74	63	62	SSE	3	c	3
Mullaghmore	29.51	65	59	S	1	ov	1	Rochefort							
Holyhead	29.64	65	58	SW	3	b	2								

REMARKS.

The barometer is falling a little on our extreme west and south-west coasts, but rising elsewhere. Moderate S.W. breezes and fair weather prevail generally. The sea is rough on several parts of our western and northern coasts.

DAILY WEATHER REPORT

for *Sunday* *13th July* *1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Weather.	Max.		Min.		
Haparanda	29.88	56	NE	2	b	29.89	+0.13	57	53	-10	NE	2	6c	•	70	45	-		
Hernösand ...	29.77	59	SW	2	b	29.77	-1.1	56	6	-5	SW	2	6	•	70	46	-		
Stockholm ...	29.91	56	W	2	b	29.91	-1.2	58	60	+4	W	2	6	•	75	57	-		
Wishby ...	30.00	59	SW	4	b	30.00	-0.02	63	50	0	W	4	6	•	68	51	-		
Bodo ...	29.86	58	NE	2	b	29.84	-0.06	58	57	+1	NE	2	6c	1	63	50	-		
Christiansund ...	29.88	64	SE	1	c	29.89	+0.08	53	54	-12	SW	1	A	2	68	44	0.63		
† Skudesnaes ...	29.89	62	SE	6	0	29.98	+1.1	61	58	-1	SE	4	c	3	63	57	-		
Oxö (Klansund) ...	29.93	64	SW	2	0	29.93	+0.05	62	59	+1	W	2	6	2	68	59	-		
Skagen (The Skaw) ...	29.97	64	W	0	0	29.97	+0.02	66	62	0	SW	2	6c	0	75	57	-		
Fanö ...	29.99	63	W	0	6	29.97	+0.02	66	64	+2	SW	1	c	•	72	61	-		
Cuxhaven ...	30.01	56	E	1	c	29.91	-0.07	66	63	+1	E	1	c	•	66	56	0.38		
† Sumburgh Head ...	29.77	57	SEA	2	0	29.81	+0.04	55	58	-3	SEA	2	0	3	61	50	-		
† Stornoway ...	29.71	61	W	2	c	29.74	+0.09	61	57	+1	SEA	1	6	0	67	48	-		
Wick ...	29.72	58	E	1	6c	29.79	+0.09	61	58	+3	E	1	6c	0	63	45	-		
Nairn ...	29.73	60	W	0	6	29.79	+0.13	60	56	+4	W	0	c	0	67	50	-		
† Aberdeen ...	29.75	62	E	1	6	29.80	+0.10	65	58	+9	SE	1	6	2	67	55	-		
Leith ...	29.76	66	E	1	6c	29.79	+0.11	59	57	-4	W	0	cm	•	70	52	0.05		
† Shields ...	29.78	62	E	2	6c	29.83	+0.10	62	60	0	SW	2	c	2	69	56	-		
Spurn Head ...	29.85	65	E	4	c	29.90	+0.09	62	61	+1	E	4	c	2	71	60	-		
York ...	29.82	69	E	2	6c	29.86	+0.07	65	61	+4	E	1	6c	•	72	57	-		
Loughborough ...	29.85	62	SE	2	0	29.89	+0.06	64	60	+2	SE	3	6c	•	70	58	0.02		
† Ardrossan ...	29.75	63	SW	1	c	29.76	+0.10	63	59	+5	SE	2	c	1	64	55	-		
† Mullaghmore ...	29.62	65	SE	4	0	29.68	+0.05	62	58	+3	SE	5	cm	4	67	58	0.11		
Donaghadee ...	29.74	57	E	2	0	29.74	+0.05	59	58	-1	SE	3	c	1	66	54	-		
Parsonstown ...	29.63	66	SE	1	6c	29.61	-0.07	63	59	+5	SE	3	og	•	69	57	-		
Barrow-in-Furness ...	29.75	64	E	2	6c	29.80	+0.05	65	62	+6	SE	4	6	4	68	58	0.05		
† Holyhead ...	29.76	62	SW	2	6	29.77	+0.03	64	60	+3	E	4	6c	3	71	57	0.09		
Liverpool (Biston) ...	29.78	64	SW	1	c	29.81	+0.04	66	60	+4	SE	2	6	3	71	58	0.08		
† Valencia ...	29.55	62	SE	7	cm	29.59	+0.15	55	52	-5	SEA	4	SEA	6	68	54	0.72		
Roche's Point ..	29.67	62	SE	5	c	29.54	-0.08	61	60	0	SE	6	p	5	66	53	0.18		
Pembroke ...	29.75	61	SE	2	6	29.72	+0.01	59	58	+1	SE	4	p	3	63	57	0.17		
† Scilly ...	29.71	62	E	5	c	29.67	+0.01	63	60	-1	E	7	c	6	67	58	0.10		
Prawle Point ...	29.83	62	SE	3	c	29.80	+0.04	59	58	+2	E	4	0	4	63	56	0.10		
Hurst Castle ...	29.86	66	SE	3	c	29.88	+0.03	69	65	+4	E	2	c	2	70	59	0.30		
† Dungeness ...	29.91	69	SEA	2	c	29.94	+0.05	64	62	+2	W	0	c	2	71	57	0.25		
† London ...	29.90	65	SE	1	0	29.94	+0.06	66	63	+2	SE	1	6	•	68	58	0.11		
Oxford ...	29.87	64	SE	1	0	29.89	+0.04	67	63	+8	SE	1	c	•	69	59	0.08		
Cambridge ...	29.88	65	E	1	0	29.96	+0.10	69	65	+5	E	1	6	•	69	58	0.03		
† Yarmouth ...	29.91	66	SW	3	c	29.95	+0.08	64	62	-2	E	3	c	2	69	60	0.05		
The Helder ...	29.98	66	SW	1	0	29.95	+0.06	68	64	+2	E	1	c	2	70	64	-		
Cape Griz Nez ...																			
† Jersey ...	29.87	69	W	1	cm	29.84	+0.01	67	64	+6	E	3	cm	3	70	60	0.06		
Brest ...	29.82	61	SE	4	0	29.81	+0.06	63	60	7	SEA	5	A	4	63	57	0.16		
Lorient ...	29.88	68	E	3	c	29.85	+0.03	66	64	+3	SE	5	0	4	75	59	0.08		
† Rochefort ...	29.95	75	W	3	6	29.89	-0.05	71	68	+4	W	5	6	2	81	63	-		
Biarritz ...	29.85	79	NE	3	6	29.89	+0.01	82	74	+10	E	3	6c	2	86	72	-		
Corunna ...	•	•	•	•	•														
Brussels ...	•	•	•	•	•	29.97	+0.03	73	68	+4	SW	1	0	•	83	66	0.24		
Charleville ...																			
Paris ...	29.91	77	E	3	6	29.96	+0.01	76	71	+8	E	1	6c	•	•	•	-		
Lyons ...	29.97	84	SW	3	6	30.07	+0.10	76	64		E	3	6	•	88	67	-		
Toulon ...	30.24	79	E	1	6	30.33	+0.13	70	69	+2	SE	1	6	1	84	66	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. Dyer, Ltd. London.

WEATHER

for 8 a.m. on Sunday.

CHARTS

13TH JULY.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

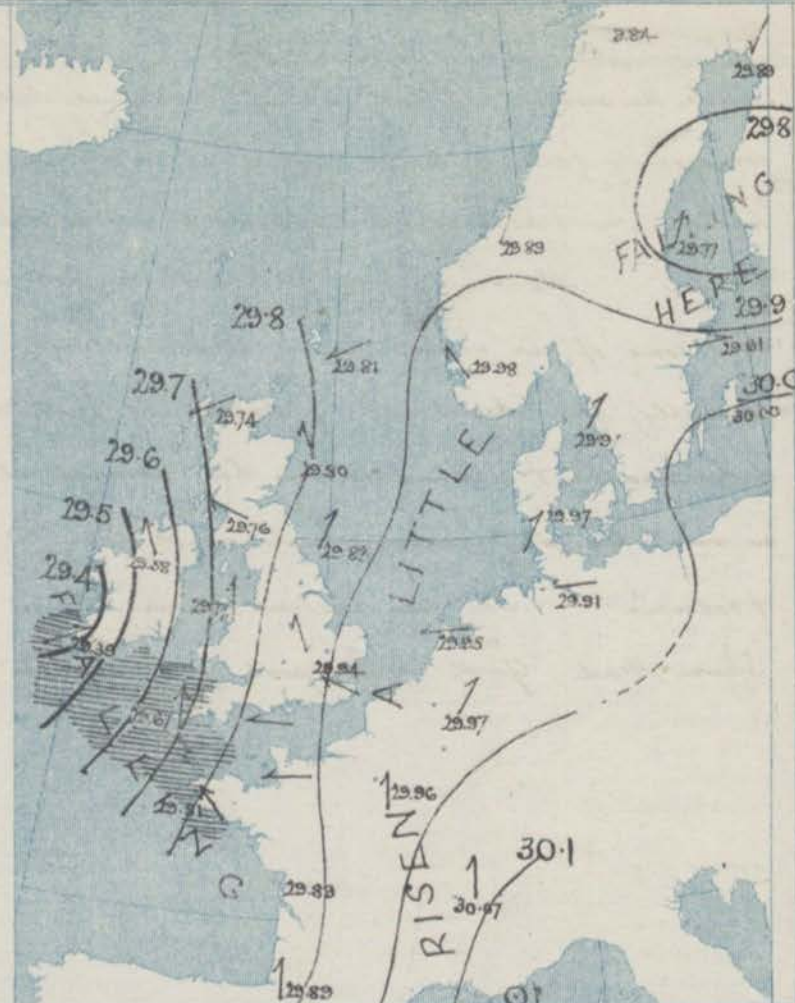
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.799
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrossan.	29.864
Donaghadee.	29.876
Ballyhead.	29.879
Liverpool.	29.910
Valencia.	29.944
Roche's Point.	29.940
Pembroke.	29.942
Selly.	29.955
Hurst Castle.	29.961
Dover.	29.959
LONDON.	29.955
Oxford.	29.941
Cambridge.	29.937
Yarmouth.	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

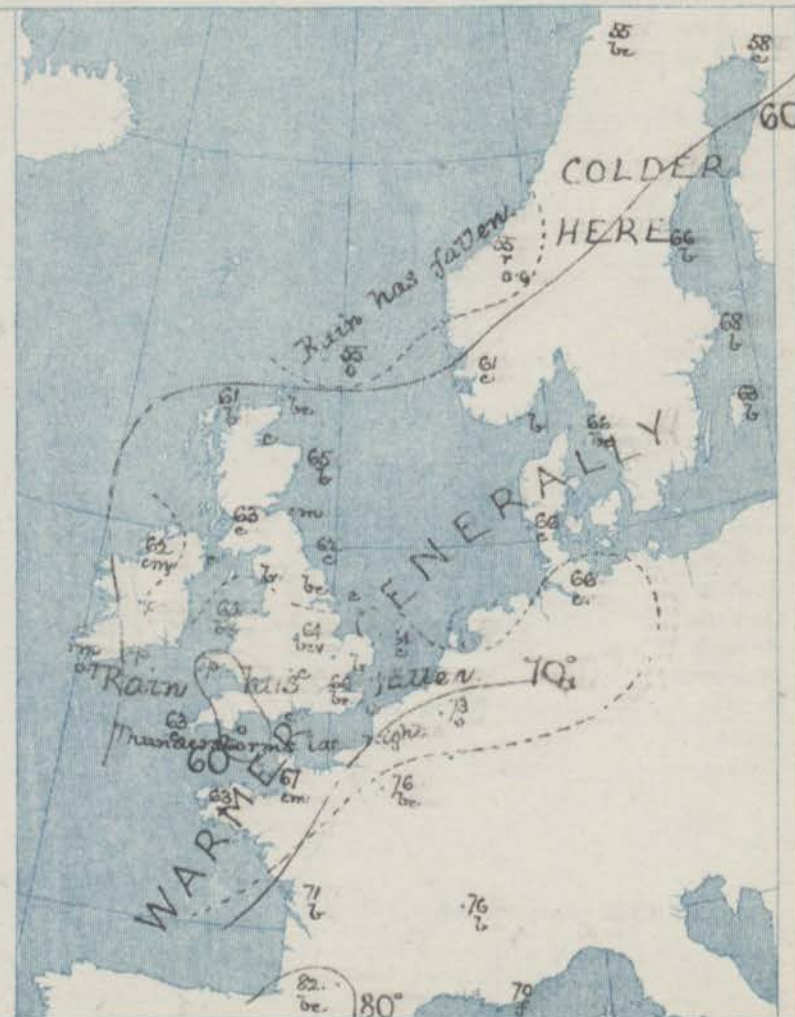
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	53.7	52.2	2.06
Stornoway.	56.4	55.3	3.00
Wick.	56.2	55.9	2.19
Nairn.	57.4	55.7	2.55
Aberdeen.	57.9	54.4	2.60
Leith.	59.1	55.9	2.62
Shields.	58.8	55.5	2.56
York.	59.7	56.5	2.41
Ardrossan.	57.8	54.8	2.82
Donaghadee.	57.7	54.9	2.86
Ballyhead.	58.3	56.1	2.19
Liverpool.	59.8	56.1	3.01
Valencia.	59.0	55.2	3.59
Roche's Point.	59.1	56.0	3.07
Pembroke.	58.5	56.7	2.12
Selly.	60.3	58.2	1.96
Hurst Castle.	61.7	59.2	2.31
Dover.	63.0	59.2	1.92
LONDON.	62.5	58.6	2.36
Oxford.	60.4	57.1	2.60
Cambridge.	61.3	58.0	2.41
Yarmouth.	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Sunday 13th July 1884, at 8 a.m.

In the course of the past night a well defined depression has advanced to the west of Ireland & the barometer has consequently fallen somewhat decidedly at our extreme western stations. In most other parts of western Europe however, the barometer has continued to rise, & the highest pressures are still reported from the South-east of France. The wind is light & variable on the eastern shores of the North Sea but elsewhere it is chiefly S.W. & at some of our western stations it blows strongly. The weather is cloudy & showery in the Southwest, but generally fine elsewhere. During the past 24 hours showers have fallen in all the more southern parts of the country & a thunderstorm has occurred at Gravel Point. Temperature has risen a few degrees in most places & readings now range from 63° at Hurst Castle & Cambridge to 55° at Lumburg Head & Valencia. The only stations in our islands at which the thermometer exceeded 70° yesterday were Spurn Head, York & Liverpool. The sea is rough off our S.W. coast, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 14th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

Issued

None

Issued

None

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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Therm.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Stratford-on-Avon	29.93	62	58	SSE	6	0	3	Valencia	29.55	63	61	SSE	6	c	6
Sancti Spiritus Island	29.76	59	58	ESS	3	6c	4	Scilly	29.71	65	62	SSW	4	c	5
St. Mary's	29.67	67	60	SE	3	6	2	Dungeness	29.93	63	61	S	2	0	2
Aberdeen	29.72	65	60	S	2	6	3	London	29.90	65	62	S	1	A	*
Shields	29.79	68	57	SW	3	c	3	Yarmouth	29.90	66	63	S	5	c	3
Ardara	29.74	63	58	SW	3	6	3	Jersey	29.85	66	63	SE	2	0	2
Mullaghmore	29.75	66	57	SE	4	cp	2	Rochefort	29.94	80	69	WSW	5	6c	2
Holyhead	29.75	67	59	S	3	6c	2								

REMARKS.

Hardly any change has occurred since 6 a.m. and yet in London rain has been falling almost ceaselessly since 10 a.m. Breezes prevail on the British and SE on our north-west coasts. The sea is rough in the southwest.

DAILY WEATHER REPORT

for Monday 14th July 1884

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.			
			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)		Weather.	Max.	Min.	Amount of Rainfall.
Haparanda	29.79	50	NB.	2	C	29.85	+0.09	52	51	-6	NB.	2	A	0	66	46	-
Hernösand ...	29.78	50	Z	0	A	29.81	+0.04	54	55	-7	N	2	B	0	68	54	0.12
Stockholm ...	29.78	50	NSW	2	B	29.81	+0.10	66	59	-2	WNW	2	B	0	71	59	-
Wisby ...	29.82	54	W	4	B	29.87	+0.13	64	60	+1	W	4	B	0	73	55	-
Bodö ...	29.88	53	NW	2	O	29.88	+0.01	51	49	-6	NW	2	B	0	59	48	-
Christiansund ...	29.91	58	NW	1	B	29.88	-0.01	53	49	-2	NB	4	O	2	61	50	0.47
Skudesnes ...	29.91	62	S	2	C	29.74	-0.24	62	58	0	C	4	A	3	64	5	-
Oxö (Klansund) ...	29.91	64	SW	4	B	29.81	-0.12	64	59	+2	ENE	4	O	2	68	59	-
Skagen (The Skaw)	29.92	63	Z	0	B	29.86	-0.11	65	63	-1	Z	0	B	0	72	59	-
Fanö ...	29.92	62	Z	0	C	29.82	-0.15	71	65	+5	SW	4	C	0	72	61	-
Cuxhaven ...	29.91	67	ENE	2	B	29.84	-0.07	72	68	+6	S	1	B	0	7	60	0.14
Sumburgh Head	29.98	57	ENE	3	B	29.64	-0.17	58	57	+3	SEA	3	C	3	61	54	0.23
Stornoway ...	29.61	61	ENE	3	C	29.55	-0.10	59	56	-2	SEA	3	B	2	69	55	0.12
Wick ...	29.69	61	S	1	O	29.63	-0.16	63	59	+2	SW	2	Be	1	65	53	0.17
Nairn ...	29.69	63	W	1	O	29.60	-0.19	64	57	+4	SW	1	Be	1	67	54	0.01
Aberdeen ...	29.73	62	S	1	C	29.66	-0.14	62	57	-3	NSW	4	Be	2	70	54	0.32
Leith ...	29.68	63	S	1	A	29.66	-0.13	68	57	+4	SW	3	C	0	73	56	0.02
Shields ...	29.73	61	SE	2	O	29.75	+0.08	62	58	0	SW	5	C	2	70	54	0.38
Spurn Head ...	29.76	66	SE	4	Be	29.86	+0.10	64	60	+2	SW	4	B	3	72	56	0.02
York ...	29.75	68	SE	1	C	29.83	+0.08	61	57	-4	S	4	Be	0	78	57	0.19
Loughborough...	29.76	74	SEA	5	Be	29.89	+0.05	62	58	-2	SSW	6	Be	0	77	52	-
Ardrossan ...	29.62	64	SEA	3	C	29.62	-0.14	60	58	-3	SSW	5	B	4	69	58	0.13
Mullaghmore ...	29.50	62	SSW	5	O	29.51	-0.07	56	55	-6	SSW	5	og	4	67	55	0.19
Doraghadee ...	29.62	60	S	3	C	29.63	+0.11	61	58	+2	?	5	C	3	63	55	0.75
Parsonstown ...	29.58	63	SEA	3	C	29.63	+0.02	59	56	-4	SEA	2	og	0	67	54	0.27
Barrow-in-Furness	29.71	61	SW	2	Be	29.75	-0.05	61	57	-4	SEA	6	C	5	68	58	0.79
Holyhead ...	29.71	60	SW	6	B	29.74	-0.03	61	57	-3	SW	5	Be	4	7	57	0.04
Liverpool (Bidston)	29.71	67	SW	4	B	29.79	-0.02	62	57	-4	SEA	3	B	3	73	54	0.11
Valencia ...	29.82	58	SSW	7	og	29.62	+0.20	57	58	+4	SSW	6	C	6	63	53	1.75
Roche's Point ..	29.84	55	SSW	6	Be	29.69	+0.15	60	58	-1	SSW	5	C	5	65	56	0.24
Pembroke ...	29.76	60	S	6	C	29.79	+0.07	57	57	0	SSW	6	C	4	63	58	0.18
Seilly ...	29.74	64	SSW	6	C	29.85	+0.18	63	59	0	SW	5	C	6	66	55	0.10
Prawle Point ...	29.87	61	SSW	4	Be	29.94	+0.14	59	57	0	SSW	6	O	5	66	54	0.03
Hurst Castle ...	29.88	64	NSW	5	C	29.99	+0.11	60	59	-9	SW	6	C	3	72	58	0.06
Dungeness ...	29.88	61	SSW	3	C	30.01	+0.07	62	59	-2	SSW	3	Be	4	70	58	0.24
London ...	29.85	72	SSW	2	C	29.99	+0.05	63	60	-3	SSW	2	cp	0	82	53	-
Oxford ...	29.84	64	SE	5	B	29.94	+0.05	58	57	-9	S	3	A	0	78	54	0.11
Cambridge ...	29.90	68	S	1	C	29.93	-0.03	62	59	-7	S	2	C	0	80	51	0.01
Yarmouth ...	29.83	67	S	3	B	29.94	-0.01	64	60	0	NSW	4	Be	2	69	55	0.01
The Helder ...																	
Cape Griz Nez ...																	
Jersey ...	29.92	64	WNW	4	C	30.02	+0.18	62	60	-5	SSW	4	cm	3	71	57	0.01
Brest ...	29.95	63	SSW	5	B	29.97	+0.16	61	59	-2	S	5	O	5	64	59	-
Lorient ...																	
Rocheport ...	30.08	70	NW	5	Be	30.19	+0.30	68	65	-3	Z	0	cl	0	79	61	-
Biarritz ...		72	WNW	5	Be	30.13	+0.24	72	64	-10	E	4	B	2	88	63	-
Corunna ...																	
Brussels ...						30.03	+0.06	66	58	-7	WNW	4	C	0	87	64	0.20
Charleville ...																	
Paris ...	30.39	84	S	4	Be	30.12	+0.16	76	67	0	S	3	B	0			
Lyons ...																	
Toulon ...	30.32	78	SE	3	O	30.32	-0.01	74	61	+4	E	3	Be	2	86	63	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

‡ Received too late for insertion in charts.

! Received too late for insertion in charts

Fred^s Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on *Monday* 14TH JULY. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isotherms are drawn for each tenth of an inch. Changes since previous morning are stated in words.

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

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

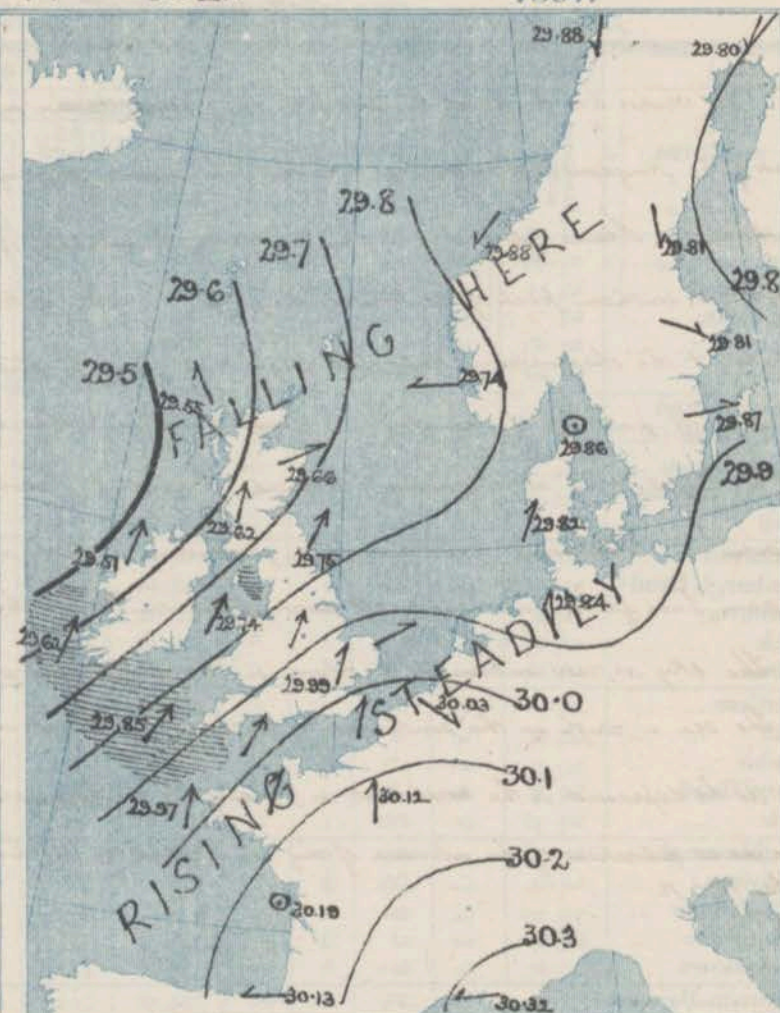
Sea Disturbance — where considerable is shown thus

▒ = Rough. ▒ = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Ballyhead	29.914
Liverpool	29.910
Valencia	29.944
Roches Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.958
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



for *Monday 14th July 1884, at 8 a.m.*

The sky is now inclined to clear in the south, but showers are still reported locally, with bright intervals. The sea is rough in the southwest & south, moderate at Holyhead & in the Straits of Dover, smooth in the northeast & east. As the depression in the northwest is passing off, the barometer is rising over our southwestern & southern districts, & as at present there are no indications of the advance of any new depression the weather will probably be very fine in the S. & E. but rather showery in the W. & N.

for the 24 hours ending at NOON on 15th July 1884.
(Issued at 11 a.m. on the previous day.)

Fredrik Dagerfeldt, Lath London, 1131

DAILY WEATHER REPORT

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sun.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.96	64	57	SW	G	0	4	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dungeness					
Aberdeen								London					
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.02	72	68	WN	7
Holyhead													

REMARKS.

*Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 6th to the 12th July 1884*

The weather during this week has been of a changeable character. It has been warm, sometimes even hot & close, (e.g. on Tuesday when the thermometer rose to 84° in London, 83° at Loughborough & 82° at Cambridge) at other times it has been cool and the air fresh.

The gradients have on the whole been favourable for Southerly (Southeasterly to Southwesterly) wind, and shallow local depressions have appeared from time to time, bringing with them severe thunderstorms to most parts of the Kingdom, and showers, more or less heavy to all. At the close of the week there was no indication of any immediate change.

DAILY WEATHER REPORT

for Free day 15th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

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.		Temp. (6 to 12)	Weather.	Temp. (3 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	29.81	58	NE	2	c	29.77	- 0.3	60	59	+ 8	SE	0	6	•	61	57	0.12	
Hernösand ...	29.78	59	NE	6	c	29.69	- 1.2	58	57	0	E	2	1	•	77	52	-	
Stockholm ...	29.73	65	E	2	o	29.67	- 1.14	68	63	+ 2	SW	2	0	•	77	61	0.08	
Wisby ...	29.79	66	WSW	6	1	29.76	- 1.1	62	58	- 2	W	8	0	•	75	51	0.04	
Bodö ...	29.78	55	NE	2	c	29.67	- 2.1	59	55	+ 4	NE	2	6	•	?	50	-	
Christiansund ...	29.63	58	NE	4	o	29.61	- 0.27	57	56	+ 4	SSW	1	0	1	59	50	0.32	
† Skudesnaes ...	29.78	60	SSW	4	c	29.70	- 0.4	61	59	0	SSW	4	0	3	63	57	-	
Oxö (Ålansund) ...	29.73	62	W	4	6c	29.71	- 1.0	62	60	- 2	SW	4	W	2	64	55	0.08	
Skagen (The Skaw)	29.76	60	W	6	c	29.79	- 0.7	61	59	- 4	SW	3	0	2	73	59	0.08	
Fanö ...	29.92	62	WSW	4	c	29.86	+ 0.4	67	64	- 4	WSW	4	c	•	73	59	0.04	
Cuxhaven ...	29.94	68	WNW	2	c	29.88	+ 0.4	65	63	- 7	WSW	4	1	•	?	57	0.01	
† Sumburgh Head	29.88	59	SSW	1	c	29.60	- 0.4	?	58	?	W	3	1	2	62	52	-	
† Stornoway ...	29.84	60	S	4	6c	29.58	+ 0.3	66	65	- 3	E	5	0	4	61	54	0.17	
Wick ...	29.57	62	E	1	c	29.63	- 0.0	62	58	- 1	SE	0	0	0	67	51	-	
Nairn ...	29.59	62	SW	1	c	29.65	+ 0.5	61	55	- 3	W	2	c	1	68	53	0.02	
† Aberdeen ...	29.65	57	WNW	2	ptc	29.68	+ 0.2	63	58	+ 1	SW	2	6	2	64	53	0.07	
Leith ...	29.65	58	SW	4	6c	29.72	+ 0.6	63	57	0	SW	2	W	•	73	56	0.06	
† Shields ...	29.74	66	SW	4	c	29.79	+ 0.4	63	57	+ 1	SW	4	c	2	69	56	-	
Spurn Head ...	29.62	63	SSW	4	c	29.89	+ 0.3	62	57	- 2	SSW	4	6c	3	72	55	0.06	
York ...	29.80	68	WSW	2	o	29.86	+ 0.3	65	57	+ 4	SW	2	c	•	72	53	0.01	
Loughborough...	29.86	66	SSW	3	c	29.89	- 0.0	60	57	- 2	SSW	2	0	0	70	54	0.06	
† Ardrossan ...	29.64	59	SSW	5	o	29.71	+ 0.9	57	56	- 3	SSW	4	0	3	61	56	0.01	
† Mullaghmore ...	29.58	58	SW	4	o	29.63	+ 1.2	57	55	+ 1	SSW	5	0	4	65	55	0.06	
Donaghadee ...	29.67	59	SSW	2	1	29.73	+ 1.0	59	57	- 2	W	2	c	0	62	52	0.55	
Parsonstown ...	29.69	61	SW	2	o	29.74	+ 1.1	60	56	+ 1	SE	1	6	•	66	53	0.06	
Barrow-in-Furness	29.76	62	SSW	8	6c	29.80	+ 0.5	60	57	- 1	S	4	6	6	66	57	0.03	
† Holyhead ...	29.76	59	SW	6	6c	29.99	+ 0.5	61	58	0	SSW	1	6	1	61	56	-	
Liverpool (Bidston)	29.79	62	SW	5	c	29.82	+ 0.3	63	57	+ 1	S	2	6	3	69	54	-	
† Valencia ...	29.70	60	SSW	7	o	29.64	+ 0.2	59	57	0	SE	6	0	6	63	57	0.10	
Roche's Point ..	29.76	62	WSW	4	6c	29.70	+ 0.1	56	55	- 1	SSW	4	W	4	65	55	0.02	
Pembroke ...	29.84	60	SW	6	6c	29.81	+ 0.2	59	59	0	NE	2	W	3	62	57	0.03	
† Scilly ...	29.90	63	SW	5	c	29.75	- 1.0	61	60	- 2	SSW	6	0	6	66	58	0.95	
Prawle Point ...	29.98	60	SSW	3	c	29.91	- 0.3	59	59	0	S	5	0	4	64	57	0.04	
Hurst Castle ...	29.99	61	SW	5	c	29.96	- 0.3	61	60	+ 1	SW	6	c	4	69	59	0.04	
† Dungeness ...	30.02	69	SSW	3	o	30.00	- 0.1	61	60	- 1	SSW	3	0	3	67	60	0.02	
† London ...	29.96	67	SW	4	c	29.97	- 0.2	64	60	+ 1	SSW	3	0	•	73	57	0.01	
Oxford ...	29.93	61	SSW	2	c	29.92	- 0.2	62	59	+ 4	S	4	0	•	68	55	-	
Cambridge ...	29.90	62	SW	2	o	29.93	- 0.0	65	60	+ 3	SW	1	6c	•	74	54	-	
† Yarmouth ...	29.92	69	WSW	4	6c	29.95	+ 0.1	64	59	0	SW	3	6	2	72	58	0.01	
The Helder ...	29.97	66	SW	4	6c	29.96	- 0.0	63	59	-	WSW	3	6c	3	68	61	0.04	
Cape Griz Nez...	?	64	W	5	6	?	?	62	62	-	SSW	4	0	2	70	61	-	
† Jersey ...	30.02	63	SSW	3	o	29.99	- 0.3	63	62	+ 1	WSW	3	0	3	69	60	0.05	
Brest ...	30.02	61	SSW	4	1	29.95	- 0.2	61	60	0	SSW	5	1	5	64	59	0.16	
Lorient ...	30.09	63	SW	5	6c	30.04	- 0.4	64	63	-	SW	4	c	3	73	59	-	
† Rochefort ...	30.15	72	WNW	5	6	30.10	- 0.9	68	64	0	ENE	5	0	2	77	59	-	
Biarritz ...	30.03	74	NE	3	6c	30.00	- 1.3	70	66	- 2	W	4	6	1	88	66	-	
Corunna ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Brussels ...	•	•	•	•	•	30.02	- 0.1	68	?	+ 2	WSW	4	c	•	78	63	?	
Charleville ...	30.04	62	WNW	4	6c	30.04	-	62	58	-	W	3	6c	•	78	55	-	
Paris ...	30.08	80	SW	4	6	30.08	- 0.4	72	66	- 4	SW	1	6c	•	•	•	-	
Lyons ...	30.01	88	SE	1	6	30.07	- 0.5	76	67	- 2	NE	1	6c	•	94	68	-	
Toulon ...	30.28	75	S	1	c	30.25	- 1.07	70	68	- 4	E	1	6	2	76	66	-	

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by Longmans, Green & Co., London.

WEATHER

for 8 a.m. on Tuesday

CHARTS

15TH JULY.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes 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 thus:
 [Hatched Box] = Rough. [Solid Box] = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.
 During the 10 Years 1871-1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.849
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.814
Liverpool	29.810
Valencia	29.844
Roches Point	29.840
Pembroke	29.842
Scilly	29.966
Burgh Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.894



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
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 AT 8 A.M., AND RAINFALL. for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Day Bulb.	Night Bulb.	
Sumburgh Head	62.7	62.2	2.06
Stornoway	66.4	64.3	3.04
Wick	66.4	63.3	2.10
Nairn	67.1	63.7	2.55
Aberdeen	67.0	64.1	2.80
Leith	68.1	65.9	2.82
Shields	68.6	66.5	2.68
York	69.7	66.6	2.91
Ardrossan	67.6	64.6	2.82
Donaghadee	67.7	66.3	2.36
Holyhead	65.3	66.1	2.19
Liverpool	68.8	66.1	2.01
Valencia	69.0	66.2	3.29
Roches Point	69.1	66.6	3.07
Pembroke	68.6	66.2	2.12
Scilly	60.3	58.2	1.06
Burgh Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.82
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.8	58.4	2.82

Note — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



for Tuesday 15th July 1884, at 8 a.m.

The highest maxima registered yesterday were 74° at Cambridge & 73° at Leith & in London. The sea is rough at Valencia & Seely, moderate to smooth elsewhere.

The depression which is advancing towards the south of Ireland will probably move northwards & occasion a continuance of showery weather in most parts of the Kingdom

For the 24 hours ending at NOON on 16th July 1884.
(Issued at 11 a.m. on the previous day.)

Fredrik Daauperveld, Lith., London, (131.)

DAILY WEATHER REPORT

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.73	62	60	SW	6	0 1/2	14	Valencia	29.69	62	60	SSW	7	omg	6
Sambargh Head	29.58	61	59	SE	2	0	2	Scilly	29.90	63	60	SSW	5	0	6
Stornoway	29.50	61	57	S	4	0	5	Dungeness	30.04	65	61	SSW	4	0	4
Aberdeen	29.64	61	57	SW	2	0	2	London	29.96	70	60	SSW	5	0	3
Shields	29.73	69	60	SW	4	0	2	Yarmouth	29.93	69	64	S	5	0	3
Ardrossan	29.62	61	58	SSW	5	0	4	Jersey	30.02	68	64	SW	4	0	3
Mullaghmore	?	58	56	SW	6	0	4	Rochefort	30.19	74	68	NW	3	0	2
Holyhead	29.76	6	57	SW	6	0	6								

REMARKS.

The barometer continues to rise in the south west, but is falling slightly in the north and east. Fresh S or SW winds prevail in most places, with showers at Aberdeen, but fair weather elsewhere. The sea is rough in the SW.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for *Wednesday 16th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	Shade Temp.	Max.	Min.	Amount of Rainfall.
			Dir.	Force (0 to 12).	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).	Force (0 to 12).					
Haparanda	29.70	54	SE	2	6	c	29.67	-10	53	56	+3	SE	2	6	*	64	41	-	-
Hernösand	29.68	57	NW	2	0	c	29.68	-01	60	56	+4	NW	4	0	*	61	52	0.08	-
Stockholm	29.67	61	NSW	2	0	c	29.74	+07	64	59	-5	W	2	0	*	75	59	-	-
Wisby	29.74	61	WNW	6	6	c	29.79	+05	62	58	-4	W	4	6	*	72	55	-	-
Bodö	29.58	55	NNE	4	6	c	29.61	-06	53	50	-6	ENE	2	6	*	61	50	-	-
Christiansund ...	29.66	57	NSW	2	0	c	29.67	+06	55	54	-2	W	1	3	1	64	52	0.04	-
† Skudesnaes ...	29.78	60	SW	4	0	c	29.70	-08	60	56	-4	SE	7	1	4	63	59	-	-
Oxö (Xtiansund) ...	29.79	62	NSW	4	0	c	29.79	+08	60	58	-2	E	2	0	2	64	55	-	-
Skagen (The Skaw)	29.79	60	W	5	6	c	29.84	+05	60	58	-2	SW	3	6	2	66	54	0.04	-
Fanö	29.91	60	NSW	3	6	c	29.83	-08	66	64	-2	S	4	6	*	70	55	-	-
Cuxhaven	29.91	67	NW	2	6	c	29.80	-11	70	67	+3	S	2	6	*	7	55	-	-
† Sumburgh Head	29.66	59	W	1	6	c	29.42	-24	54	54	0	E	5	1	4	62	50	0.32	-
† Stornoway ...	29.61	59	S	3	6	c	29.27	-34	59	55	+4	SSE	1	6	1	60	52	0.14	-
Wick	29.67	60	S	1	6	c	29.27	-36	58	58	0	SE	0	0	0	59	53	0.15	-
Nairn	29.63	63	E	2	0	c	29.30	-33	60	57	-3	SSE	1	1	1	68	57	0.08	-
† Aberdeen ...	29.68	59	S	2	6	c	29.36	-32	60	59	-1	SSW	1	0	2	68	56	0.65	-
Leith	29.65	61	SE	2	1	c	29.39	-26	63	56	-7	SW	4	6	*	70	58	0.90	-
† Shields ...	29.67	65	S	3	1	c	29.49	-18	63	58	-5	SW	4	0	2	70	59	0.02	-
Spurn Head ...	29.77	68	SSW	4	6	c	29.60	-17	63	62	+1	SSW	5	6	4	70	60	0.28	-
York ...	29.73	63	SW	3	6	c	29.56	-17	63	59	-4	S	3	6	*	72	59	0.09	-
Loughborough ...	29.77	65	SSE	4	0	c	29.62	-15	60	57	-3	SW	4	0	*	70	59	0.21	-
† Ardrossan ...	29.59	60	ESE	2	p	c	29.36	-23	58	55	-3	S	5	6	4	63	57	0.13	-
† Mullaghmore ...	29.42	59	ESE	5	ogp	c	29.28	-14	55	52	-3	SW	6	6	4	64	53	0.20	-
Donaghadee ...	29.52	56	SE	3	1	c	29.37	-15	57	54	-3	W	3	6	1	64	54	0.23	-
Parsonstown ...	29.47	64	S	2	0	c	29.40	-07	54	52	-2	SW	2	0	0	66	49	0.02	-
Barrow-in-Furness	29.61	65	SE	5	0	c	29.51	-10	59	54	-5	S	6	6	7	67	55	0.66	-
† Holyhead ...	29.66	61	SW	6	6	c	29.54	-12	59	56	-3	SW	6	6	5	7	56	0.26	-
Liverpool (Bidston)	29.64	66	SSE	4	0	c	29.54	-10	61	54	-7	SSW	3	6	3	69	58	0.04	-
† Valencia ...	29.45	60	SSE	6	ogm	c	29.50	-05	59	56	-3	SW	6	6	6	62	53	0.34	-
Roche's Point ...	29.53	61	SW	4	6	c	29.50	-03	59	56	-3	NSW	5	6	4	66	53	0.08	-
Pembroke ...	29.62	59	SSW	5	1	c	29.56	-06	59	56	-3	SSW	6	6	6	62	57	0.47	-
† Scilly ...	29.64	62	SSW	7	om	c	29.65	-01	60	56	-4	SW	5	6	6	63	56	0.04	-
Prawle Point ...	29.79	60	S	4	0	c	29.70	-09	57	56	-1	SSW	4	0	3	62	53	0.60	-
Hurst Castle ...	29.85	62	S	3	6	c	29.72	-13	59	58	-1	NSW	4	6	4	63	57	0.25	-
† Dungeness ...	29.92	66	SSW	2	0	c	29.75	-17	65	61	+4	SSW	3	6	4	69	60	-	-
† London ...	29.88	66	S	3	6	c	29.71	-17	64	63	-1	S	2	1	*	72	61	0.13	-
Oxford ...	29.79	64	S	5	0	c	29.67	-12	61	59	-2	S	4	0	*	67	59	0.23	-
Cambridge ...	29.82	65	S	1	6	c	29.67	-15	63	63	0	S	1	0	p	72	61	0.11	-
† Yarmouth ...	29.87	68	SSW	4	6	c	29.68	-19	73	67	+6	SW	4	6	3	73	62	-	-
The Helder ...	29.92	66	SSW	1	6	c	29.95	-03	69	65	+4	SSE	3	0	1	72	61	-	-
Cape Griz Nez ...	?	65	S	1	6	c	?	?	67	64	+3	SW	5	6	4	70	61	-	-
† Jersey ...	29.86	67	SW	1	ogp	c	29.78	-08	59	59	0	W	3	ogp	3	69	57	0.29	-
Brest ...	29.83	62	SSW	5	0	c	29.78	-05	59	57	-2	SW	5	0	5	63	57	0.20	-
Lorient ...	29.92	67	S	4	6	c	29.85	-07	61	59	-2	WNW	7	0	4	72	57	0.04	-
† Rochefort ...	29.95	74	NW	5	6	c	29.94	-01	68	65	+3	?	2	6	2	82	63	-	-
Biarritz ...	29.92	73	NW	3	6	c	29.94	-06	69	65	-4	W	5	0	2	86	66	-	-
Corunna ...	?	?	?	?	?	?	29.76	-20	73	66	+7	ESE	3	6	*	78	67	0.04	-
Brussels ...	?	?	?	?	?	?	?	?	73	64	+9	SE	3	6	*	86	59	-	-
Charleville ...	29.94	78	E	3	6	c	?	?	73	64	+9	SE	3	6	*	?	?	-	-
Paris ...	29.97	80	SW	3	6	c	29.84	-13	73	68	+5	SW	1	6	*	?	?	-	-
Lyons ...	29.87	86	SW	3	0	c	29.89	-02	79	64	+15	SE	1	6	*	94	69	-	-
Toulon ...	30.18	73	SE	3	6	c	30.16	-02	72	68	+4	SE	4	6	2	84	68	-	-

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. D. Dungen. Ltd. London.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 16TH JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes 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 thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.919
Liverpool	29.910
Valencia	29.944
Rock's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.981
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



REMARKS.

for Wednesday 16th July 1884, at 8 a.m.

Showery unsettled weather still prevails over the United Kingdom generally, & at present there is no indication of anything more than a temporary improvement even over our eastern & southeastern counties. Barometric pressure is still highest in the southeast of France, & lowest in a low-pressure area the centre of which lies off our northwest coast. The gradients are moderate, but, owing to some very shallow & local subsidiary disturbances passing over the western & northern parts of the Kingdom, they are irregular & variable.

Temperature has risen in the Netherlands & northeast of France, but has changed little & irregularly in our islands, where on a whole the present readings vary from 65° at Bougeness to 58° at Wick & to 53° at Mullaghmore. At Lymington, however, the thermometer stands at 73°, i.e. the same as at Brussels, Charleville & Paris. The highest of the daily maxima recorded over England yesterday varied from 70° to 72°. Fresh to moderate Southwesterly breezes prevail over Ireland & England this morning & light Southerly to Southeasterly in Scotland. The sky is very variably clouded & showers of rain are reported in most parts of the country. Thunderstorms have occurred in various places. The sea is rough in St. George's Channel & on our SW coast, moderate at Bougeness & smooth off the east of Scotland.

As the depression in the northwest appears to be moving northeastwards & the barometer is already rising in the southwest, south & southeast, some temporary improvement of the weather in those localities is probable.

FORECASTS

for the 24 hours ending at NOON on 17th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S th and SH ^{ly} breezes; showery, close	6 { SCOTLAND WEST	SH ^{ly} breezes, fresh; rain at times
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	Same as N° 5	8 { ENGLAND S.W.	Same as N° 5
3 { ENGLAND EAST	Same as N° 5	9 { IRELAND NORTH	SH ^{ly} and H ^{ly} breezes, fresh; showery
4 { MIDLAND COUNTIES	Same as N° 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SH ^{ly} breezes, moderate; showery, with bright intervals.	WARNINGS	None Issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.75	63	58	WSW	6	0	4	Valencia	29.50	61	60	SSE	6	om g	6
Sumburgh Head	29.66	61	58	W	8	c	3	Scilly	29.70	63	61	WSW	7	om	6
Stornoway	29.62	59	56	S	5	0	4	Dungness	29.96	66	62	SSW	3	c	4
Aberdeen	29.70	66	60	S	2	bc	2	London	29.90	70	62	SSW	5	0	*
Shields	29.76	68	58	SW	4	c	0	Yarmouth	29.92	68	65	S	4	c	3
Ardrossan	29.68	63	59	SSW	2	c	2	Jersey	29.92	69	65	SW	0	c	0
Mullaghmore	29.57	61	57	SSE	6	on	2	Rocheport	30.00	78	71	WSW	4	0	2
Holyhead	29.73	63	60	SSE	3	c	2								

REMARKS.

The barometer continues to rise a little in the N., but is falling elsewhere - briskly at Valencia. The wind is SE^W in the extreme west, but S^W or SW^W elsewhere, and at Scilly it blows with the force of a moderate gale. The weather is fair in the east, but dull and unsettled in the W. The sea is rough on our Sw. coasts.

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DAILY WEATHER REPORT

for *Thursday 17th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Victoria Street, London, W. 1.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY										PAST 24 HOURS.		
	Barometer at 5 p.m. and Sea Level.	Temp in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).		Max.	Min.			
Haparanda	29.69	59	E	2	c	29.65	- .02	61	58	- 2	S	6	0	68	43	-		
Hernösand ...	29.72	59	SSW	2	b	29.56	- .12	60	59	0	SSW	8	1	75	52	0.04		
Stockholm ...	29.78	64	2	0	b	29.70	- .04	62	59	- 2	S	2	1	75	59	0.04		
Wisby ...	29.80	68	S	4	b	29.72	- .07	65	62	+ 3	SSW	4	1	75	59	-		
Bodö	29.66	57	N	2	c	29.30	- .31	53	52	0	NE	2	1	57	45	0.04		
Christiansund ...	29.38	60	ESS	1	o	29.36	- .02	61	58	+ 6	E	3	0	61	54	0.12		
Skudesnaes ...	29.52	62	S	8	o	29.48	- .02	62	59	+ 2	S	8	5	68	52	-		
Oxö (Ådamsund) ...	29.59	62	SSW	4	h	29.56	- .03	62	62	+ 2	SSW	2	m	64	59	0.12		
Skagen (The Skaw)	29.63	66	SSW	5	o	29.60	- .03	64	60	+ 4	W	3	3	70	57	0.20		
Fanö ...	29.66	65	WSW	4	c	29.71	+ .05	65	62	- 3	WSW	4	c	70	61	-		
Cuxhaven ...	29.64	68	SSW	3	b	29.72	+ .08	68	65	- 2	SW	3	b	72	59	0.26		
Stamburgh Head	29.24	56	SSW	3	bc	29.14	- .10	53	52	- 1	S	4	0	61	51	0.10		
Stornoway ...	29.20	56	SSW	1	c	29.30	+ .03	54	52	- 5	WSW	6	cy	63	49	0.26		
Wick ...	29.23	62	SW	3	bc	29.23	- .04	56	53	- 2	W	5	bc	67	50	-		
Nairn ...	29.26	59	SW	1	c	29.33	+ .03	55	52	- 5	WSW	4	o	67	52	0.09		
Aberdeen ...	29.33	62	SW	3	bc	29.35	- .01	59	53	+ 1	WSW	4	bc	66	54	-		
Leith ...	29.35	61	SW	4	c	29.42	+ .03	56	52	- 7	W	3	c	67	55	0.08		
Shields ...	29.48	65	WSW	6	bc	29.52	+ .03	61	56	- 2	SW	5	c	67	55	-		
Spurn Head ...	29.58	68	SW	5	b	29.66	+ .06	62	59	- 1	SW	5	b	71	55	-		
York ...	29.56	66	WSW	3	c	29.61	+ .05	61	56	- 2	SW	4	c	70	53	-		
Loughborough...	29.62	68	SW	5	b	29.68	+ .06	61	57	+ 4	SW	6	bc	71	55	-		
Ardrossan ...	29.35	58	S	6	cp	29.45	+ .09	58	55	- 3	SW	3	op	60	54	0.21		
Mullaghmore ...	29.55	58	WSW	6	o	29.62	+ .04	56	54	+ 1	W	6	cm	63	54	0.08		
Donaghadee ...	29.39	60	SSW	5	bc	29.53	+ .16	56	55	- 1	NW	3	1	65	52	0.04		
Parsonstown ...	29.47	61	S	1	bc	29.69	+ .29	57	54	+ 3	W	1	o	63	53	0.17		
Barrow-in-Furness	29.51	61	S	7	bc	29.56	+ .05	58	55	- 1	S	6	b	67	55	-		
Holyhead ...	29.52	59	SW	6	b	29.58	+ .04	58	55	- 1	W	3	bc	67	55	0.04		
Liverpool (Bidston)	29.54	64	SW	5	b	29.62	+ .08	58	55	- 3	SW	3	bc	67	56	0.08		
Valencia ...	29.51	58	SW	6	op	29.78	+ .28	57	55	- 2	NW	3	cp	63	55	0.24		
Roche's Point ..	29.56	60	WSW	4	bc	29.76	+ .26	57	55	- 2	NW	4	c	64	52	0.03		
Pembroke ...	29.61	60	SW	5	bc	29.68	+ .12	57	55	- 2	WSW	3	c	61	55	0.06		
Scilly ...	29.70	62	SW	5	c	29.78	+ .13	59	56	- 1	WSW	4	c	64	56	0.01		
Pravle Point ...	29.75	59	SSW	5	b	29.78	+ .08	59	57	+ 2	SW	3	b	63	56	-		
Hurst Castle ...	29.75	63	WSW	5	bc	29.79	+ .07	60	58	+ 1	SW	5	c	67	58	-		
Dungeness ...	29.77	66	WSW	4	c	29.80	+ .05	61	58	- 4	SSW	4	o	64	58	-		
London ...	29.73	65	SW	4	b	29.78	+ .07	62	58	- 2	S	3	c	70	54	0.01		
Oxford ...	29.71	60	S	4	b	29.74	+ .07	62	58	+ 1	SW	2	bc	69	55	-		
Cambridge ...	29.67	66	SSW	2	b	29.74	+ .07	61	58	- 2	SW	1	b	71	57	-		
Yarmouth ...	29.65	71	WSW	4	b	29.73	+ .05	63	61	- 10	WSW	4	bc	74	54	-		
The Helder ...	29.71	66	SW	4	b	29.78	+ .03	64	59	- 5	SW	3	c	75	63	-		
Cape Griz Nez...	?	62	WSW	7	c	?	?	61	57	- 6	SSW	4	h	72	59	-		
Jersey ...	29.81	61	W	2	egg	29.82	+ .04	60	59	+ 1	WSW	3	o	66	56	0.22		
Brest ...	29.81	62	SW	5	o	29.83	+ .05	60	58	+ 1	W	4	o	64	57	-		
Lorient ...	29.88	64	WSW	4	c	29.86	+ .01	61	58	0	WSW	4	o	72	55	0.16		
Rocheport ...	29.96	70	NW	4	o	29.91	- .03	63	62	- 5	ENE	5	1	70	57	0.12		
Biarritz ...	29.87	72	NE	4	b	29.84	- .10	71	67	+ 2	W	4	6	73	68	-		
Corunna ...	?	?	?	?	?	?	?	65	61	- 8	2	0	1	68	62	0.04		
Brussels ...	?	?	?	?	?	29.84	+ .08	65	61	- 8	?	4	bc	64	59	0.35		
Charleville ...	29.81	75	SSW	1	c	29.85	?	65	61	- 8	?	4	bc	64	59	0.20		
Paris ...	29.82	77	SW	3	b	29.89	+ .05	64	61	- 9	W	4	1	68	63	0.04		
Lyons ...	29.92	71	E	1	o	29.88	- .01	72	68	- 7	SE	1	b	68	63	0.04		
Toulon ...	30.17	74	SE	3	bc	30.11	- .05	75	68	+ 3	SE	5	o	82	70	-		

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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Printed by Bangertell Ltd. London.

WEATHER

CHARTS

for 8 a.m. on Thursday

17th JULY

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

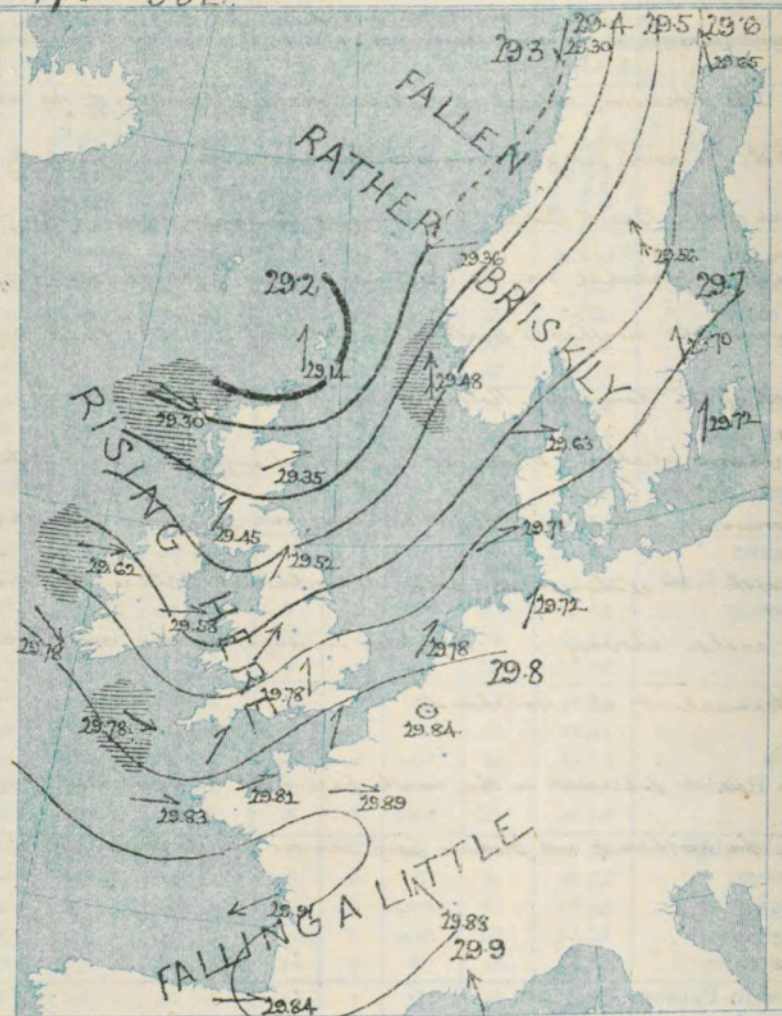
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.799
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrossan.	29.864
Donaghadee.	29.878
Holyhead.	29.914
Liverpool.	29.910
Valencia.	29.944
Roche's Point.	29.940
Pembroke.	29.942
Scilly.	29.986
Hurst Castle.	29.961
Dover.	29.959
LONDON.	29.955
Oxford.	29.941
Cambridge.	29.937
Yarmouth.	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	63.7	62.2	2.06
Stornoway.	56.4	54.3	3.00
Wick.	56.2	53.9	2.19
Nairn.	57.4	53.7	2.55
Aberdeen.	57.9	54.4	2.60
Leith.	59.1	55.9	2.62
Shields.	64.8	55.5	2.56
York.	69.7	56.5	2.41
Ardrossan.	57.8	54.6	2.82
Donaghadee.	57.7	55.9	2.56
Holyhead.	56.3	56.1	2.19
Liverpool.	59.8	56.1	3.01
Valencia.	59.0	56.2	3.59
Roche's Point.	59.1	56.0	3.07
Pembroke.	58.5	56.2	2.12
Scilly.	60.3	58.2	1.96
Hurst Castle.	61.7	59.2	2.31
Dover.	63.0	59.2	1.92
LONDON.	62.5	58.6	2.36
Oxford.	60.4	57.1	2.60
Cambridge.	61.3	58.0	2.41
Yarmouth.	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Thursday 17th July 1884, at 8 a.m.

The depression noticed in the west yesterday, now lies off the north of Scotland so that while the barometer has fallen rather decidedly in the far north, it has risen over the United Kingdom generally. Pressure now varies from a little above 29.8 in. over the southern part of the Bay of Biscay to 29.14 in. at Dunburgh Head. The gradients are consequently moderate for Southwesterly & easterly winds, but vary somewhat over the Irish Sea, owing to the presence of a shallow subsidising disturbance which is moving north eastwards towards the northern parts of the country. The winds reported are fresh - Southwesterly over the eastern & northwestern parts of the Kingdom, Northwesterly & westerly in the west. Temperature has fallen several degrees except at our southern station, where it has not changed much. The present readings vary from 53° at Dunburgh Head to 52° at Stormoway, to between 60° & 63° over our southern & south-eastern counties. Showery weather still prevails in the north, & although the sky is moderately clear over the southern half of the Kingdom its appearance even there is rather showery. The sea is rough in the northwest & southwest, but has become moderate in the English Channel & at Holyhead.

As the depression in the north passes off the weather will probably improve in that region, & although the subsidising depression in the northwest will produce some showers over the greater part of England, these will most likely cease towards night.

FORECASTS

for the 24 hours ending at NOON on 18th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|-----------------------------------------------------------------------------------------------------------|
| 0 | SCOTLAND NORTH | SW th breeze, fresh; showery, with bright intervals |
| 1 | SCOTLAND EAST | SW th breeze, fresh; a few showers, but fine on the whole |
| 2 | ENGLAND N.E. | -----D-----D-----D----- |
| 3 | ENGLAND EAST | Same as N ^o 5 |
| 4 | MIDLAND COUNTIES | Same as N ^o 1 & 2 |
| 5 | ENGLAND SOUTH | SW th to W th breeze, fresh, quiet, possibly a slight shower or two, otherwise fine |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|-----------------------------------------------------------------------------------------------------|
| 6 | SCOTLAND WEST | N th & SW th winds, fresh to moderate; some showers. |
| 7 | ENGLAND N.W. | -----D-----D-----D----- |
| 8 | ENGLAND S.W. | Same as N ^o 5 |
| 9 | IRELAND NORTH | N th to SW th winds, moderate or fresh; showery in the west, fair in the east |
| 10 | IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.86	63	61	S	8	7	Valencia	29.60	61	59	SW	6	6
Sambrugh Head	29.24	39	59	ENE	5	5	Scilly	29.69	64	59	SW	5	6
Stornoway	29.24	57	53	S	4	3	Dungness	29.76	65	?	SW	5	6
Aberdeen	29.34	63	57	S	4	2	London	29.72	68	60	SW	4	6
Shields	29.46	64	56	SW	6	2	Yarmouth	29.66	73	65	WSW	4	2
Ardrossan	29.34	60	57	S	5	4	Jersey	29.80	64	61	WSW	2	2
Mullighmore	29.32	61	55	WSW	6	5	Rochefort	29.97	73	69	W	3	2
Holyhead	29.57	61	58	SW	7	5							

REMARKS.

The barometer continues to fall slightly in the north and east, but is rising in the west and south. Fresh or strong S.W. winds and fair weather are now reported generally, but a thunderstorm occurred during the morning at Stornoway. The sea is rough in the N. and S.

DAILY WEATHER REPORT

for Friday 18th July 1884

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

† YESTERDAY EVENING.															8 A.M. TO DAY.															PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.																	
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.															
Haparanda	?	58	S	6	?	29.34	- .31	61	60	0	S	2	?	?	63	55	0.28															
Hernösand ...	29.41	62	SSW	6	?	29.41	- .15	63	56	+ 3	WSW	7	?	?	63	55	0.12															
Stockholm ...	29.62	64	WSW	2	?	29.60	- .10	66	59	+ 3	SW	2	?	?	73	59	0.12															
Wisby ...	29.70	65	SW	4	?	29.68	- .04	66	58	- 5	WSW	4	?	?	71	57	0.32															
Bodö ...	29.36	52	W	2	?	29.30	- .06	53	52	0	W	0	?	?	54	48	0.32															
Christiansund ...	29.31	59	ESE	1	?	29.26	- .10	60	52	- 1	ESE	2	?	?	?	54	0.47															
Skudesnaes ...	29.47	59	SSW	8	?	?	?	55	52	- 7	WSW	7	?	?	63	59	-															
Oxö (Klansund) ...	29.56	60	SSW	6	?	29.62	+ .06	58	53	- 4	WSW	6	?	?	64	54	0.08															
Skagen (The Skow)	29.64	62	WSW	3	?	29.67	+ .04	61	49	- 3	W	7	?	?	72	57	0.08															
Fanö ...	29.72	64	WSW	6	?	29.84	+ .13	68	59	+ 3	WSW	6	?	?	70	61	-															
Cuxhaven ...	29.72	65	W	1	?	29.84	+ .12	67	64	- 1	W	3	?	?	?	69	0.12															
Sumburgh Head	29.78	64	W	4	?	29.49	+ .35	52	51	- 1	W	5	?	?	59	49	0.01															
Stornoway ...	29.57	53	WNW	5	?	29.70	+ .40	51	48	- 3	WNW	4	?	?	57	47	0.08															
Wick ...	29.47	54	WNW	7	?	29.66	+ .43	53	49	- 3	WNW	4	?	?	63	47	-															
Nairn ...	29.56	57	WSW	4	?	29.68	+ .35	51	49	- 4	WSW	3	?	?	62	49	0.03															
Aberdeen ...	29.55	60	WNW	5	?	29.69	+ .34	55	52	- 4	W	0	?	?	68	48	-															
Leith ...	29.64	60	WNW	5	?	29.76	+ .34	53	50	- 3	WSW	4	?	?	67	52	0.05															
Shields ...	29.66	64	W	4	?	29.83	+ .31	56	51	- 5	W	3	?	?	66	58	-															
Spurn Head ...	29.71	64	W	5	?	29.90	+ .24	60	56	- 2	WSW	5	?	?	67	58	-															
York ...	29.72	64	W	4	?	29.91	+ .30	58	54	- 3	W	4	?	?	68	54	0.01															
Loughborough ...	29.78	62	WSW	3	?	29.97	+ .29	60	58	- 1	W	4	?	?	69	53	0.12															
Ardrossan ...	29.58	59	WNW	3	?	29.79	+ .34	55	53	0	WSW	4	?	?	63	52	0.10															
Mullaghmore ...	29.77	58	W	6	?	29.88	+ .26	55	51	- 1	WNW	5	?	?	61	54	0.32															
Donaghadee ...	29.74	60	WSW	2	?	29.86	+ .33	56	53	0	WNW	3	?	?	66	50	0.12															
Parsonstown ...	29.86	60	W	2	?	29.99	+ .30	55	51	- 2	SW	2	?	?	65	49	0.01															
Barrow-in-Furness	29.73	61	SW	5	?	29.89	+ .33	56	52	- 2	SW	5	?	?	63	55	-															
Holyhead ...	29.79	61	SW	2	?	29.94	+ .36	56	53	- 2	SW	3	?	?	?	54	-															
Liverpool (Biddon)	29.78	61	W	4	?	29.93	+ .31	57	51	- 1	WSW	3	?	?	64	54	-															
Valencia ...	29.95	58	W	4	?	30.07	+ .29	53	52	- 4	WNW	3	?	?	65	52	0.17															
Roche's Point ..	29.91	61	WNW	4	?	30.05	+ .29	57	55	0	WNW	3	?	?	66	50	-															
Pembroke ...	29.87	60	W	5	?	30.03	+ .35	56	54	- 1	W	3	?	?	62	55	0.02															
Silly ...	29.96	62	W	3	?	30.09	+ .31	60	57	+ 1	WSW	3	?	?	64	55	0.01															
Prawle Point ...	29.93	62	SW	3	?	30.10	+ .32	59	56	0	SW	3	?	?	66	54	-															
Hurat Castle ...	29.88	65	WNW	3	?	30.08	+ .29	60	57	0	W	5	?	?	75	56	0.06															
Dungeness ...	29.85	65	SW	5	?	30.06	+ .26	63	58	+ 2	WSW	3	?	?	68	52	-															
London ...	29.84	65	W	4	?	30.05	+ .27	61	56	- 1	W	2	?	?	72	51	0.03															
Oxford ...	29.88	61	WSW	4	?	30.03	+ .29	58	55	- 4	SW	3	?	?	70	53	-															
Cambridge ...	29.79	61	S	1	?	30.00	+ .26	60	57	- 1	SW	1	?	?	72	49	0.13															
Yarmouth ...	29.74	70	WNW	3	?	29.97	+ .24	62	56	- 1	WNW	3	?	?	73	52	-															
The Helder ...	29.80	63	SW	3	?	29.97	+ .19	64	60	0	WSW	3	?	?	68	61	0.04															
Cape Griz Nez ...	?	63	SW	5	?	?	?	61	58	0	SW	5	?	?	64	57	0.08															
Jersey ...	29.96	61	WNW	4	?	30.13	+ .31	60	58	0	W	3	?	?	65	56	-															
Brest ...	30.04	65	WNW	3	?	30.20	+ .37	59	57	- 1	WNW	3	?	?	64	57	-															
Lorient ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?															
Rochefort ...	30.02	69	WNW	5	?	30.19	+ .28	63	60	0	W	5	?	?	72	55	0.12															
Biarritz ...	30.04	69	W	5	?	30.15	+ .31	64	63	- 7	W	4	?	?	73	61	0.39															
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?															
Brussels ...	?	?	?	?	?	30.09	+ .25	61	58	- 4	SW	5	?	?	66	55	0.55															
Charleville ...	30.10	58	?	3	?	30.10	+ .25	58	55	- 4	?	3	?	?	79	57	0.16															
Paris ...	29.97	64	W	3	?	30.17	+ .28	63	59	- 1	W	3	?	?	?	?	0.55															
Lyons ...	29.84	85	SW	4	?	30.74	+ .26	65	62	- 7	WNW	1	?	?	93	62	0.24															
Toulon ...	30.13	76	SE	5	?	30.16	+ .05	75	53	0	W	0	?	?	82	68	-															

EXPLANATION OF COLUMNS

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Geo^d Barnardist Cath. London

WEATHER CHARTS

for 8 a.m. on Friday 18th JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

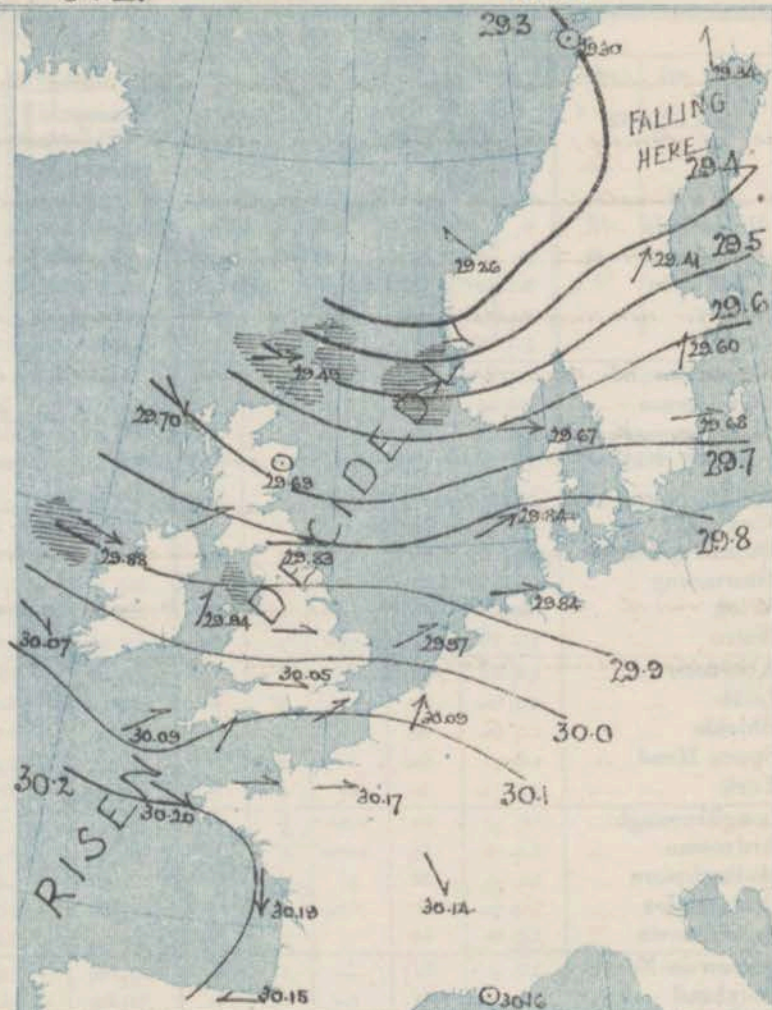
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Malinbeg	29.819
Liverpool	29.810
Valencia	29.844
Roch's Point	29.840
Pembroke	29.842
Sally	29.800
Burgh Castle	29.861
Dover	29.869
LONDON	29.868
Oxford	29.841
Cambridge	29.837
Yarmouth	29.834



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by letters of the Beaufort Scale.

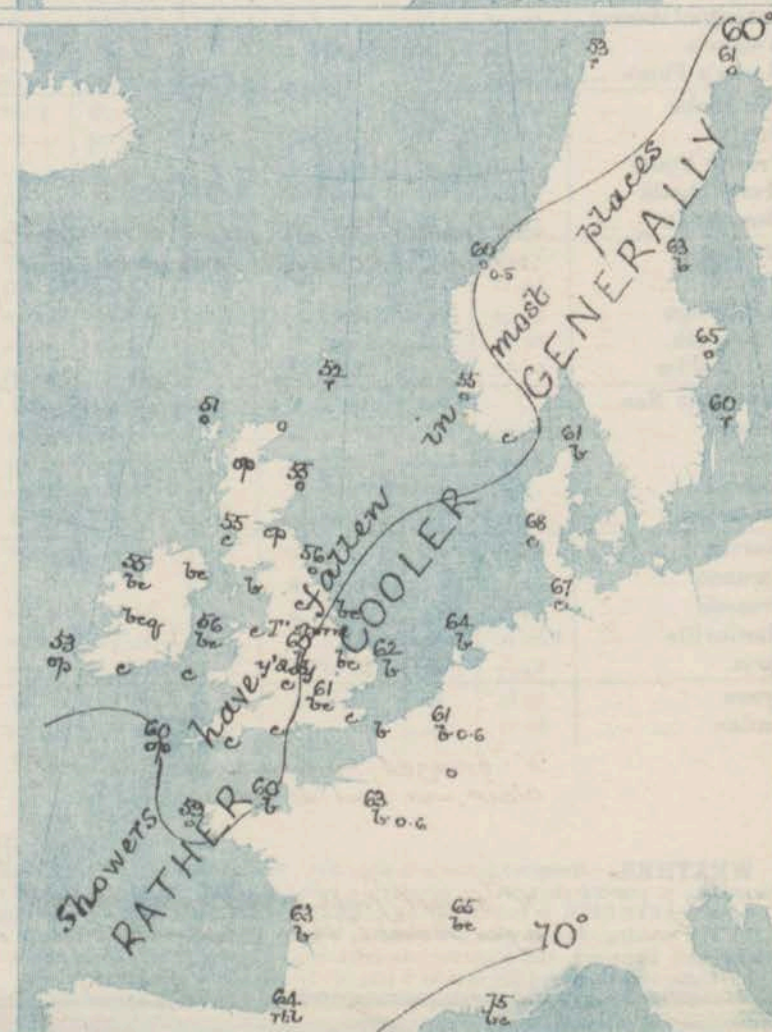
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE		RAINFALL
	Dry Bulb	Wet Bulb	
Sumburgh Head	63.7	62.2	2.06
Stornoway	59.4	59.3	3.20
Wick	56.5	53.8	2.10
Nairn	57.2	52.7	2.68
Aberdeen	57.9	54.4	2.00
Leith	59.1	55.3	2.02
Shields	58.6	55.8	2.08
York	59.7	56.3	2.07
Ardrossan	57.4	54.4	2.02
Donaghadee	57.7	55.9	2.06
Malinbeg	56.3	53.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.39
Roch's Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Sally	60.3	58.2	1.96
Burgh Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.32
LONDON	62.5	58.6	2.38
Oxford	60.9	57.1	2.80
Cambridge	61.3	58.0	2.91
Yarmouth	61.4	58.4	2.82

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Friday 18th July 1884, at 8 a.m.

Barometric pressure now varies from a little above 30.2 ins. over the Bay of Biscay to about 29.55 in. on the northwest coast of Norway; the gradients over our islands are consequently moderate for westerly winds. The winds reported are Northwesterly in the north of Scotland, but generally westerly elsewhere, & vary in force from a light to a strong breeze. Temperature has again fallen in most places, & is low for the time of year; & although the sky is now moderately clear over our southeastern, midland and eastern counties, showery weather is still reported in the west & north. The sea is rather rough on our extreme northwestern coast, smooth or nearly so elsewhere.

The barometer is now rising generally, & showery weather seems again likely to prevail in the west & north to day. In the south & east, however, (although a slight shower or two may be experienced) the weather seems likely to be fine on the whole, & very cool at night.

FORECASTS

for the 24 hours ending at NOON on 19th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N th and N th winds, fresh to moderate; showery, with bright intervals.	6 { SCOTLAND WEST	Same as N ^o 0 & 1
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as N ^o 0 & 1
2 { ENGLAND N.E.	Same as N ^o 5	8 { ENGLAND S.W.	Same as N ^o 5
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	N th and S th breezes, moderate; showery in the west, fair in the east
4 { MIDLAND COUNTIES	N th breezes, moderate; some showers; clear and cool at night	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	N th breezes, fresh or moderate; perhaps a few showers, then clear and cool	WARNINGS	None Issued

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

ESTIMATES & P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes							Valencia	29.90	62	57	W	4	bc	4	
Sumburgh Head	29.08	56	55	W	4	0	4	Scilly	29.90	63	60	W	4	bc	5
Stornoway	29.29	56	51	W	4	0	5	Dungeness	29.82	64	60	SSW	5	c	5
Aberdeen	29.48	65	58	W	4	bc	2	London	29.78	71	59	W	4	bc	•
Shields	29.57	65	57	W	5	c	2	Yarmouth	29.74	68	63	W	4	c	?
Ardrossan	29.63	62	56	W	4	c	3	Jersey	29.90	64	61	W	4	6	3
Mullaghmore	29.73	60	56	W	5	bc	5	Rocheport	30.00	66	65	SW	4	1	2.
Holyhead	29.74	64	58	W	3	6	2								

REMARKS.

The barometer continues to rise in all parts of our Islands, with moderate or fresh winds from the W^t and generally fair weather. At Stornoway, however, showers are falling. The sea is rough on most parts of our western and northern coasts.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

DAILY WEATHER REPORT

for *Saturday* 19th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 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	29.38	57	E	2	O	29.50	+ 16	61	58	0	E	2	0	•	66	55	-		
Hernösand ...	29.51	59	?	2	C	29.57	+ 16	60	56	- 3	W	2	6	•	73	55	0.04		
Stockholm ...	29.71	61	W	4	B	29.77	+ 17	63	55	- 2	SW	6	6	•	72	61	-		
Wisby ...	29.76	64	W	6	B	29.83	+ 15	62	58	+ 2	W	6	6c	•	70	57	0.04		
Bodö ...	29.33	52	Z	0	A	29.50	+ 20	49	47	- 4	SW	4	C	2	55	46	0.24		
Christiansund ...	29.53	51	NNW	4	A	29.62	+ 36	57	45	- 13	NNW	2	1	3	?	43	0.51		
†Skudasnes ...	29.69	57	SSW	4	O	29.76	?	54	50	- 1	W	7	1	5	59	55	-		
Oxö (Ålansund) ...	29.74	57	SW	4	A	29.75	+ 13	56	53	- 2	WSW	6	6c	3	61	52	0.12		
Skagen (The Skaw)	29.78	59	WSW	5	C	29.81	+ 14	57	55	- 4	WSW	4	C	4	66	54	0.12		
Fanö ...																			
Cuxhaven ...	29.96	61	WNW	3	O	29.91	+ 07	60	59	- 7	SW	1	0	•	5	54	0.08		
†Sumburgh Head	29.65	49	NNW	5	A	29.89	+ 10	50	45	- 2	NNW	5	6	4	54	44	0.23		
†Stornoway ...	29.87	49	NNW	4	d	30.08	+ 38	51	46	0	NNW	4	6c	2	54	44	0.13		
Wick ...	29.76	53	W	5	O	30.04	+ 38	50	46	- 3	W	4	6c	2	59	44	0.17		
Nairn ...	29.64	52	WNW	2	O	30.06	+ 38	51	48	0	W	3	0	2	58	45	0.19		
†Aberdeen ...	29.81	57	NNW	3	C	30.04	+ 35	51	47	- 4	NNW	2	C	1	60	46	0.29		
Leith ...	29.81	58	NNW	4	B	30.06	+ 30	52	51	+ 5	W	1	6	•	64	44	0.01		
†Shields ...	29.88	61	W	4	C	30.06	+ 23	54	49	- 2	NNW	2	C	2	64	44	-		
Spurn Head ...	29.95	62	W	4	Bc	30.05	+ 15	55	53	- 5	W	3	6c	2	63	52	-		
York ...	29.95	61	W	4	B	30.07	+ 16	54	49	- 4	W	1	6	•	64	45	0.02		
Loughborough...	30.00	62	W	3	C	30.10	+ 13	55	52	- 5	WNW	3	C	•	66	50	-		
†Ardrossan ...	29.90	57	WNW	5	B	30.10	+ 31	55	48	0	WNW	3	6	2	60	45	0.02		
†Mullaghmore ...	30.01	56	WNW	5	Bc	30.16	+ 28	56	50	+ 1	NE	2	6	2	59	50	0.03		
Donaghadee ...	29.98	56	W	1	Bc	30.15	+ 29	53	50	- 3	NNW	3	0	1	62	46	0.02		
Parsonstown ...	30.06	58	W	3	B	30.18	+ 19	57	48	- 4	Z	0	6	•	62	40	-		
Barrow-in-Furness	29.96	57	W	3	C	30.07	+ 18	52	50	- 4	W	1	6	3	60	50	0.09		
†Holyhead ...	30.00	58	SSW	2	C	30.14	+ 20	55	52	- 1	WNW	2	6c	2	63	53	0.02		
Liverpool (Bidston)	29.98	58	W	5	C	30.10	+ 17	55	49	- 2	WNW	3	6c	3	63	50	0.07		
†Valencia ...	30.14	58	WNW	4	Bc	30.13	+ 06	58	55	+ 8	W	1	6c	1	63	52	0.42		
Roche's Point ..	30.10	60	W	4	Bc	30.16	+ 11	57	53	- 3	SSW	2	NW	3	62	50	0.01		
Pembroke ...	30.06	59	W	4	B	30.17	+ 14	57	52	+ 1	WNW	3	6c	3	61	54	-		
†Scilly ...	30.15	59	W	5	C	30.18	+ 09	59	56	- 1	SW	1	2	3	61	55	0.06		
Prawle Point ...	30.14	60	SW	4	C	30.20	+ 10	57	54	- 2	WNW	1	C	1	62	52	-		
Hurst Castle ...	30.09	62	W	4	C	30.16	+ 08	57	54	- 3	W	3	C	3	66	52	0.07		
†Dungeness ...	30.03	56	SW	4	C	30.12	+ 06	60	55	- 3	WSW	2	0	2	66	52	-		
†London ...	30.05	61	SSW	3	optd	30.12	+ 07	60	57	- 1	WNW	2	C	•	69	48	0.03		
Oxford ...	30.06	56	WSW	2	C	30.13	+ 10	56	53	- 2	NNW	4	C	•	64	49	0.07		
Cambridge ...	30.01	62	SW	1	O	30.08	+ 08	57	53	- 3	W	1	C	•	66	47	0.02		
†Yarmouth ...	30.00	63	WSW	3	cp	30.05	+ 08	55	52	- 7	WNW	3	optd	2	68	48	0.12		
The Helder ...	29.99	63	WSW	3	C	30.01	+ 04	60	55	- 4	WNW	3	6	3	68	57	0.04		
Cape Griz Nez...	30.00	60	WSW	7	B	?	?	57	54	- 4	WNW	5	6c	4	66	55	-		
†Jersey ...	30.16	60	WNW	4	O	30.19	+ 07	59	56	- 1	WNW	4	C	3	65	55	-		
Brest ...	30.21	60	NNW	4	O	30.25	+ 05	57	56	- 2	NNW	1	O	3	66	55	0.08		
Lorient ...	30.20	63	NNW	5	Bc	30.25	?	60	57	- 3	NNW	4	C	2	70	54	-		
†Rochefort ...	30.17	69	NNW	7	B	30.31	+ 12	60	56	- 3	NE	5	C	2	72	54	-		
Biarritz ...	30.16	66	N	4	O	30.27	+ 12	64	61	0	E	3	O	1	70	63	0.08		
Corunna ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels ...	•	•	•	•	•	30.08	- 01	60	57	- 1	W	4	C	•	73	55	-		
Charleville ...	30.13	56	SSW	3	B	30.13	+ 03	56	52	- 2	NNW	3	6	•	73	50	-		
Paris ...	30.12	68	WSW	1	Bc	30.21	+ 04	61	57	- 2	W	4	6	•	•	•	-		
Lyons ...	30.03	74	N	1	C	30.14	- 00	62	60	- 3	NNW	1	O	•	78	61	0.87		
Toulon ...	30.17	84	SSW	1	C	30.15	- 01	73	66	- 2	SSW	5	C	2	88	70	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dungenfield Lith. London.

WEATHER CHARTS

for 8 a.m. on *Saturday*, 19th JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

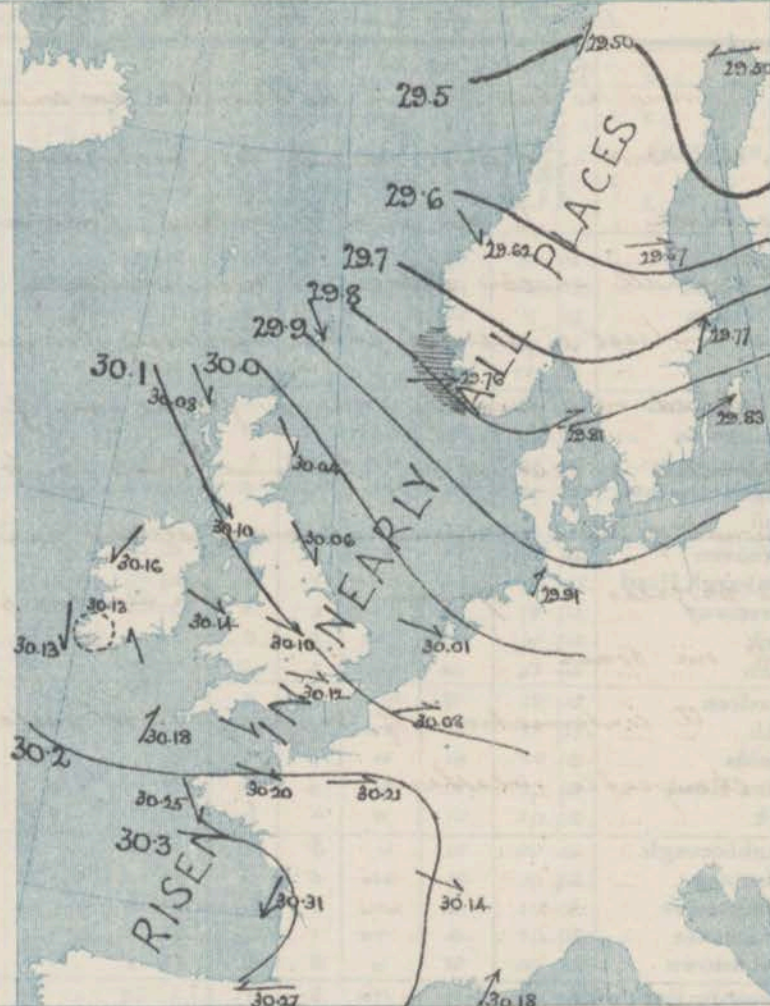
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.873
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.823
York	29.902
Arbroath	29.863
Donaghadee	29.878
Ballyhead	29.874
Liverpool	29.810
Valencia	29.944
Roches Point	29.940
Pembroke	29.842
Silly	29.986
Hurst Castle	29.961
Dover	29.869
LONDON	29.855
Oxford	29.941
Cambridge	29.937
Yarmouth	29.834



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather — is shown by Letters of the Beaufort Scale.

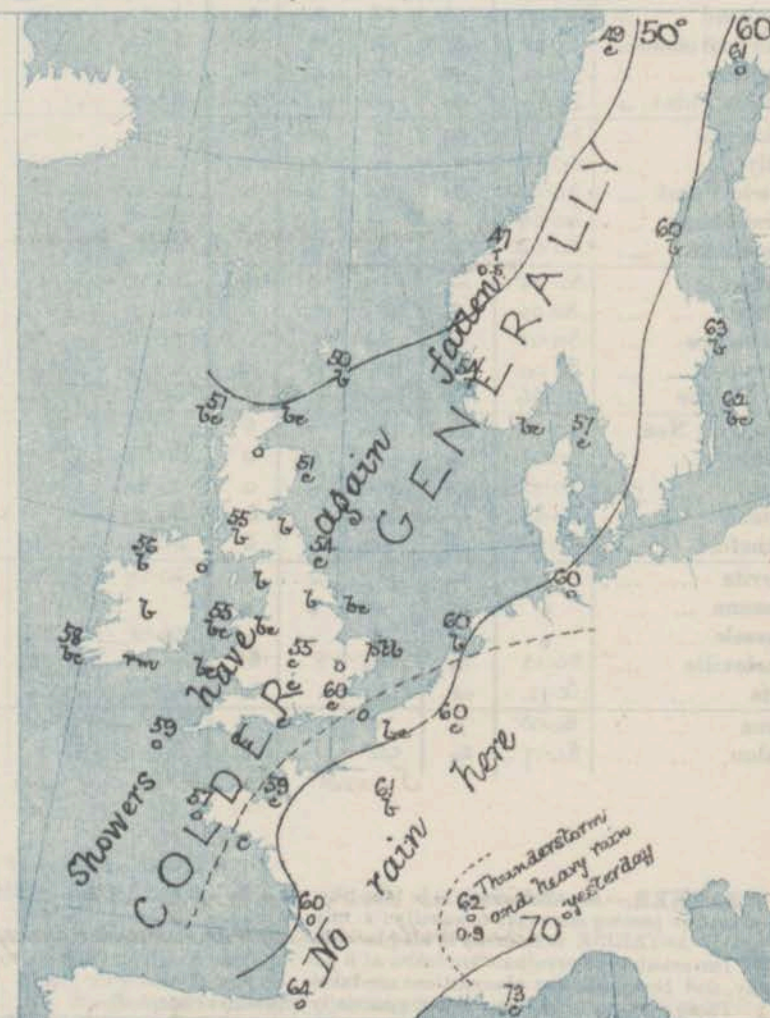
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	53.7	52.2	2.06
Stornoway	55.4	54.3	3.00
Wick	56.2	55.9	2.18
Nairn	57.4	56.7	2.65
Aberdeen	57.9	56.9	2.60
Leith	58.1	56.9	2.62
Shields	58.6	56.5	2.38
York	59.7	56.5	2.41
Arbroath	57.8	56.2	2.82
Donaghadee	57.7	56.9	2.56
Ballyhead	58.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.59
Roches Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Silly	60.3	58.7	1.96
Hurst Castle	61.7	58.2	2.31
Dover	63.0	59.2	1.82
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Saturday 19th July 1884, at 8 a.m.*

During the past 24 hours the barometer has continued to rise over the greater part of our island - most in the north - & slight gradients for Northwesterly winds have been established over the British island generally. In the south of Ireland, however, a local variation has been caused by the appearance of a small shallow depression near Killarney. This has produced a light Southeasterly wind over the southeast of Ireland, while Northerly breezes are felt in the west. Temperature has again decreased very generally & is low for the time of year. Northwesterly breezes of little strength are prevalent except on our southwest coasts, & westerly breezes in the north of France. A considerable amount of cloud is reported at several stations, rain is falling at Roche's Point, & a thunderstorm is in progress at Yarmouth. The sea has gone down generally & is smooth or nearly so on all our coasts.

A continuation of varying Northwesterly winds seem probable, with low temperatures
to changeable weather

FORECASTS

For the 24 hours ending at NOON on 20th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.		DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	NW th winds, light; fair on the whole, cool.		6	SCOTLAND WEST	Same as N ^o 0 to 2	
1	SCOTLAND EAST	----- D ^o ----- D ^o ----- D ^o -----		7	ENGLAND N. W.	Same as N ^o 5	
2	ENGLAND N. E.	----- D ^o ----- D ^o ----- D ^o -----		8	ENGLAND S. W.	Same as N ^o 5	
3	ENGLAND EAST	Same as N ^o 5		9	IRELAND NORTH	Same as N ^o 0 to 2	
4	MIDLAND COUNTIES	Same as N ^o 5		10	IRELAND SOUTH	Same as N ^o 5	
5	ENGLAND SOUTH	Varying breezes, chiefly NW th ; changeable, some showers, brighter locally		WARNINGS.		None Issued	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeenæs	29.73	59	53	WSW	5	c	5	Valencia	30.13	60	55	W	3	c	4
Sumburgh Head	29.87	51	50	WSW	4	n	4	Scilly	30.14	60	56	WSW	4	o	5
Stornoway	29.81	53	49	WSW	4	c	3	Dungeness	30.08	65	49	SW	4	c	5
Aberdeen	29.75	58	54	WSW	3	c	1	London	30.04	66	58	WSW	3	o	•
Shields	29.86	63	54	W	4	c	2	Yarmouth	29.99	67	56	WSW	3	bc	2
Ardrossan	29.86	58	52	W	4	c	3	Jersey	30.15	64	59	W	4	bc	3
Mullaghmore	29.98	58	52	WSW	5	bc	4	Rochefort	30.21	71	65	WSW	5	b	2
Holyhead	29.99	62	59	WSW	4	bc	3								

REMARKS.

The barometer continues to rise on all our coasts, but beyond this no change of importance is reported. The sea is rather rough in the Channel, but is moderate to slight elsewhere.

DAILY WEATHER REPORT

for *Sunday 20th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 10 P.M. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 8 P.M. and Sea Level.	Difference from 8 A.M. yesterday.	SHADE TEMP.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 3).	Max.	Min.	Amount of Rainfall.		
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 A.M. yesterday.									
Haparanda	29.80	57	S	2	0	29.64	+ 0.04	57	58	- 4	N	4	bc	•	64	54	-		
Hernösand ...	29.69	55	W	2	0	29.74	+ 1.17	51	46	- 9	N	2	0	•	50	50	0.32		
Stockholm ...	29.76	56	SW	2	0	29.73	- 0.04	61	54	- 2	WSW	2	bc	•	61	55	-		
Wisby ...	29.83	62	W	4	0	29.80	- 0.03	58	52	- 4	N	4	bc	•	61	61	-		
Bodö ...	29.61	50	W	2	0	29.60	+ 1.10	50	48	+ 1	SW	2	bc	1	50	45	-		
Christiansund ...	29.80	47	WNW	4	0	29.80	+ 1.18	48	45	+ 1	NW	5	bc	4	50	43	0.24		
Skudesnes ...	29.92	52	WNW	6	0	29.95	+ 1.19	48	45	- 6	NW	7	bc	4	55	47	-		
Oxö (Ålansund) ...	29.83	56	W	4	0	29.81	+ 0.06	52	44	- 4	WNW	4	bc	2	61	48	-		
Skagen (The Skaw)	29.82	58	W	6	0	29.80	- 0.01	55	48	- 2	NW	6	bc	5	63	52	-		
Fanö ...	29.99	58	NW	6	0	29.98	+ 0.08	61	53	- 1	NW	6	bc	•	66	50	-		
Cuxhaven ...	29.96	59	WNW	1	0	29.96	+ 0.35	60	58	0	WNW	5	bc	•	52	54	-		
Sumburgh Head	29.99	49	NW	4	bc	30.03	+ 1.14	47	44	- 3	NW	4	bc	4	52	41	0.01		
Stornoway ...	30.15	52	WNW	3	0	30.14	+ 0.06	50	46	- 1	W	0	bc	1	55	39	0.01		
Wick ...	30.11	50	WNW	2	bc	30.11	+ 0.07	47	45	- 3	WNW	3	bc	2	55	36	0.06		
Nairn ...	30.12	55	WNW	3	bc	30.15	+ 0.03	50	46	- 1	N	1	bc	1	57	43	-		
Aberdeen ...	30.10	56	WNW	1	0	30.13	+ 0.09	54	46	+ 3	NW	2	bc	1	59	40	0.02		
Leith ...	30.11	55	W	1	0	30.15	+ 0.09	58	53	0	ENE	1	bc	•	67	43	0.01		
Shields ...	30.13	53	ENE	1	0	30.14	+ 0.08	55	50	+ 1	ENE	1	bc	3	57	45	0.01		
Spurn Head ...	30.14	56	ENE	3	0	30.14	+ 0.09	58	55	+ 3	E	2	bc	2	59	52	-		
York ...	30.14	59	SSE	1	0	30.14	+ 0.07	55	51	+ 1	WNW	1	bc	•	65	44	-		
Loughborough...																			
Ardrossan ...	30.12	59	WNW	3	0	30.15	+ 0.05	54	50	+ 1	W	0	bc	0	62	43	-		
Mullaghmore ...	30.17	60	N	2	0	30.12	- 0.04	57	52	+ 1	ESSE	2	0	2	61	51	-		
Donaghadee ...	30.19	54	N	4	0	30.17	+ 0.02	55	52	+ 2	N	1	bc	0	59	45	-		
Parsonstown ...	30.15	64	W	0	bc	30.16	- 0.02	58	49	+ 7	ESSE	1	bc	•	65	50	-		
Barrow-in-Furness	30.14	58	WNW	2	0	30.14	+ 0.07	56	53	+ 4	SE	2	bc	2	61	49	-		
Holyhead ...	30.18	57	WNW	1	bc	30.14	- 0.04	61	55	+ 6	N	1	bc	1	63	52	-		
Liverpool (Bidston)	30.16	57	WNW	2	0	30.13	+ 0.03	57	52	+ 2	WSW	1	bc	2	61	51	-		
Valencia ...	30.14	57	SSW	1	0	30.13	- 0.03	59	53	+ 1	ESSE	1	0	2	64	56	0.03		
Roche's Point ...	30.16	58	SE	2	0	30.11	- 0.05	59	56	+ 5	ESSE	3	bc	3	61	51	-		
Pembroke ...	30.17	56	N	1	0	30.11	- 0.06	58	53	+ 1	NE	2	bc	1	59	54	-		
Scilly ...	30.13	60	WSW	5	0	30.08	- 1.10	62	60	+ 3	NE	1	0	2	63	56	0.10		
Prawle Point ...	30.19	57	SSW	2	0	30.10	- 1.09	59	59	+ 2	WSW	1	0	1	62	54	0.06		
Hurst Castle ...	30.19	63	N	5	0	30.12	- 0.04	59	57	+ 2	SE	2	bc	3	67	56	-		
Dunageess ...	30.15	65	WSW	3	0	30.14	+ 0.02	60	56	0	WSW	1	0	2	67	60	-		
London ...	30.14	65	NW	2	0	30.13	+ 0.01	61	57	+ 1	S	2	bc	•	67	50	0.03		
Oxford ...	30.16	58	W	0	0	30.13	- 0.03	55	52	- 1	WSW	1	0	•	66	49	-		
Cambridge ...	30.13	64	N	1	0	30.13	+ 0.05	59	56	+ 2	N	1	bc	•	67	45	-		
Yarmouth ...	30.14	59	ENE	1	0	30.13	+ 0.08	59	55	+ 4	ESSE	2	bc	3	62	50	0.83		
The Helder ...	30.09	59	NW	3	0	30.12	+ 1.11	58	52	- 2	WNW	3	bc	2	63	55	-		
Cape Griz Nez...																			
Jersey ...	30.22	60	N	2	0	30.13	- 0.09	60	59	+ 1	SSW	3	bc	•	64	56	0.03		
Brest ...	30.24	61	W	4	0	30.12	- 1.13	60	59	+ 3	SSW	4	bc	4	66	57	0.08		
Lorient ...																			
Rochefort ...	30.31	66	NW	5	bc	30.29	- 0.02	64	60	+ 4	WSW	4	0	2	72	55	-		
Biarritz ...	30.30	66	N	4	0	30.29	+ 0.02	63	60	- 1	W	3	bc	1	70	59	-		
Corunna ...																			
Brussels ...						30.17	+ 0.09	57	53	- 3	WSW	3	0	•	66	50	0.04		
Charleville ...	30.12	64	SW	5	0	30.18	+ 0.05	48	46	- 8	N	4	0	•	68	?	-		
Paris ...	30.21	62	SW	4	bc	30.18	- 0.03	59	53	- 2	WSW	3	bc	•	•	•	-		
Lyons ...																			
Toulon ...	30.08	72	?	0	m	30.08	- 0.07	59	54	- 14	WNW	7	bc	5	81	53	0.79		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dargatzidis Ltd. London.

WEATHER CHARTS

for 8 a.m. on Sunday 20th July. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

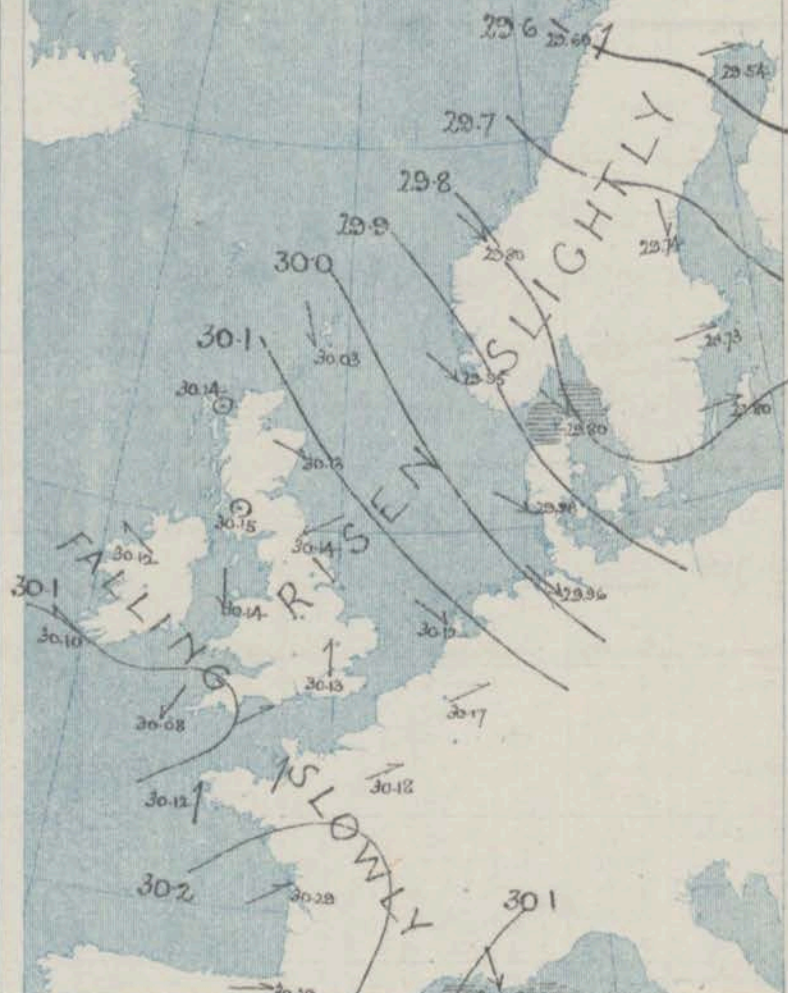
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 — = Rough. — = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.863
Donaghadee	29.878
Ballyhead	29.911
Liverpool	29.910
Valencia	29.944
Roches Point	29.940
Pembroke	29.962
Scilly	29.986
Burgh Castle	29.991
Dover	29.959
LONDON	29.965
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
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 AT 8 A.M., AND RAINFALL. for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	48.7	61.2	2.06
Stornoway	56.4	57.3	3.09
Wick	56.2	58.9	7.19
Nairn	57.4	59.7	7.65
Aberdeen	57.9	54.4	2.60
Leith	59.1	55.9	2.62
Shields	58.8	55.5	2.46
York	59.7	56.5	2.41
Ardrossan	57.8	54.4	2.82
Donaghadee	57.7	56.9	2.36
Ballyhead	59.3	56.1	2.19
Liverpool	58.8	56.1	3.01
Valencia	59.0	56.2	3.55
Roches Point	59.1	56.0	5.07
Pembroke	58.6	56.2	2.12
Scilly	60.3	58.2	1.96
Burgh Castle	61.7	59.2	2.37
Dover	63.0	59.2	1.82
LONDON	62.6	58.6	2.36
Oxford	60.4	57.7	2.60
Cambridge	61.3	58.0	2.91
Yarmouth	61.4	58.4	2.82



NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.

REMARKS.

For *Sunday 20th July* 1884, at 8 a.m.

Pressure remains highest in the southwest of France and lowest over the north of Scandinavia, but the small depression noticed over the south of Ireland yesterday has developed into a larger but shallow area of low pressure, which now lies off our southwest coasts. Strong Northwesterly breezes prevail on the eastern shores of the North Sea & moderate Southwesterly breezes in the north & west of France, but in our islands the wind is light & chiefly from the Eastward. The weather is fine in the north & east of our islands, & also on the eastern shores of the North Sea, but at our western & southern stations the sky is very cloudy. In the course of the past 24 hours slight rain has fallen at our northern & also at one or two of our southern stations.

Temperature has risen a little in most places, & readings now range from 62° at Sully & 61° in London to 47° at Sumburgh Head & Wick. The highest maxima registered yesterday were 67° at Leith, Hurst Castle, London & Cambridge & 66° at Oxford. The sea is slight to smooth on all coasts.

FORECASTS

For the 24 hours ending at NOON on 21st July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

Issued

None

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

Issued

None

WARNINGS

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes							Valencia	30.17	60	58	WSW	2	0	3	
Sumburgh Head	29.98	50	47	?	5	be	4	Scilly	30.14	62	61	W	5	0	4
Stornoway	30.14	52	48	WNW	3	c	2	Dungeness	30.15	66	56	WSW	8	c	3
Aberdeen	30.09	58	52	WNW	4	be	1	London	30.14	63	52	WNW	8	be	•
Shields	30.11	56	50	a	2	0	2	Yarmouth	30.11	53	52	Z	0	h	2
Ardrossan	30.14	61	52	WNW	3	c	2	Jersey	30.23	62	57	W	3	be	3
Mullaghmore	30.19	60	52	WNW	2	c	4	Rocheport							
Holyhead	30.14	62	55	WNW	2	c	2								

REMARKS.

The barometer has fallen a little at Scilly, but risen slightly at all other stations. - The thunder-storm at Yarmouth continued during the whole of the morning, but the clouds there are now breaking, though rain is still falling. The sea is moderate to smooth.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Fred^s Dangerfield Lith. London.

WEATHER

CHARTS

for 8 a.m. on Monday 21st JULY

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

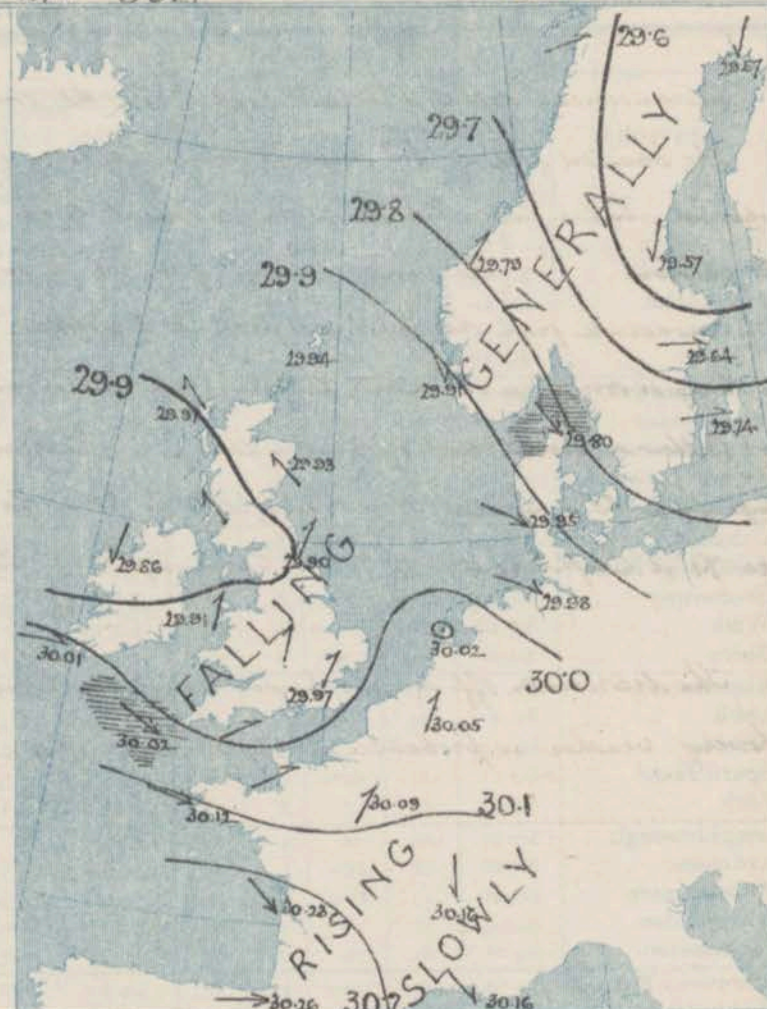
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 4;
 © = dead calm.

Sea Disturbance — where considerable is shown thus
 — = Rough. — = High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.867
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roches Point	29.940
Pembroke	29.942
Sally	29.986
Hurst Castle	29.963
Dover	29.959
LONDON	29.965
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



REMARKS.

for Monday 21st July 1884, at 8 a.m.

Barometrical pressure is still highest over the southwest of France & lowest in the north of Scandinavia. The shallow area of low readings which lay over our southwest coasts yesterday morning appears to have dispersed, but a large depression has advanced to our northwest coasts, & the barometer is falling at nearly all stations. The wind is light from SE. on our northern coasts & southerly in the east, but elsewhere it is moderate from the southwestward or westward. The weather is fine on the eastern shores of the North Sea, but cloudy or overcast in our islands & France, with rain in many places. In the course of the past 24 hours slight showers have fallen in several parts of the Kingdom. Temperature has risen a little on our southeast coasts, & readings range from 63° in London & at Cambridge to 48° in the Shetlands. The highest maxima registered yesterday were 73° at Loughborough & 71° at Cambridge. The sea is rather rough at Lally, moderate & smooth elsewhere.

The depression off our northwest coasts is likely to move slowly in an easterly direction, & unsettled showery weather is probable in most parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 22nd July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SH ^{ly} winds, light or moderate; unsettled, rain at times.	6 { SCOTLAND WEST	Same as N ^{os} 0 & 1
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as N ^{os} 2 & 3
2 { ENGLAND N.E.	S ^{ly} winds, light; fair generally.	8 { ENGLAND S.W.	Same as N ^{os} 4 & 5
3 { ENGLAND EAST	-----D-----D-----D-----	9 { IRELAND NORTH	SH ^{ly} & N ^{ly} winds, moderate; changeable, some rain.
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	S ^{ly} winds, moderate; changeable, probably some rain.	WARNINGS	None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes							Valencia						
Sumburgh Head							Scilly						
Stornoway							Dunagness						
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Roohefort	30.21	63	61	W. 5	1	2.
Holyhead													

REMARKS.

Summary of Changes in the Weather
over the

British Islands and their Neighbourhood
from the 13th to the 19th July 1884

The weather during the week was again changeable, showery & unsettled; thunderstorms have been prevalent on several occasions, but there have been several intervals of clear or nearly clear sky. The winds have been moderate to strong in force & have gradually veered round from the SE & S. to E & NW, & the temperature has fallen. The period commenced with southerly gradients over the greater part of the Kingdom, but with local irregularities caused by a small disturbance, which travelled northwards along our extreme western coast.

Thunderstorms prevailed over our southern counties early on Sunday (the 13th) & travelled northwards to our northern counties during the day & to Scotland on the 14th. As they did so the wind veered a little & the barometer (which had been low generally, but especially in the west) began to rise.

On the 15th pressure varied from 30.1 in. over the west of France to a little below 29.6 in. off our western & northern coasts. A new depression appeared in the west on that day, & its subsidiary disturbances spread over the Kingdom carrying showers to all parts of the country, with thunderstorms in places. As this passed off the barometer rose decidedly in the southwest & west, the wind continued to veer, the showers became less general & less heavy & the thunderstorms ceased.

Temperature continued to go down gradually & the wind at times blew strongly; the week closed with a rising barometer, with light northwesterly breeze in almost all parts of the Kingdom, cool dry air, but with an unsettled appearance in the sky, thunderstorms in the east & rain at Scilly.

DAILY WEATHER REPORT

for Tuesday 22nd July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12)			Max.	Min.			
Haparanda	29.64	50	2	0	0	29.68	+1.1	52	47	-2	NE	4	λ	•	59	43	-		
Härnösand ...	29.63	52	NE	6	C	29.69	+1.2	53	51	+1	N	2	6	•	59	44	0.87		
Stockholm ...	29.64	50	WNW	4	0	29.72	+0.8	53	49	+2	WNW	2	0	•	59	48	0.04		
Wisby ...	29.78	54	WNW	6	6	29.78	+0.4	55	50	+1	N	3	6c	•	61	52	-		
Bodö	29.75	51	N	2	6	29.78	?	52	50	+3	WNW	2	0	1	57	48	-		
Christiansund ...	29.86	50	WSW	4	6c	29.89	+1.0	51	46	+4	SSW	1	6	2	52	43	0.04		
Skudesnaes ...	29.91	50	WNW	2	6c	29.93	+0.2	52	48	+2	N	4	C	3	54	50	-		
Oxö (Xiansund) ...	29.78	55	N	4	6	29.80	-0.1	50	48	+1	WNW	2	6	2	57	46	-		
Skagen (The Skaw)	29.82	54	N	4	6	29.87	+0.7	60	51	+6	N	3	6	2	?	52	-		
Fanö ...	29.93	52	WNW	1	C	29.94	-0.1	56	52	-3	S	1	C	•	60	52	-		
Cuxhaven ...	29.92	60	WNW	1	C	29.91	-0.7	62	67	0	SE	1	6	•	?	54	-		
†Sumburgh Head	29.94	48	NE	2	0	29.93	-0.1	49	42	+1	SE	0	6	0	52	40	-		
†Stornoway ...	29.86	58	E-NE	4	0	29.81	-1.0	52	52	+2	E	3	6	3	57	49	0.01		
Wick ...	29.92	62	E	4	0	29.90	-0.5	50	49	-1	SSW	4	0.4	3	60	49	-		
Nairn ...	29.87	53	E	2	0	29.86	-0.7	52	50	+1	SE	0	0	1	56	50	0.08		
†Aberdeen ...	29.91	58	ESSE	3	0	29.88	-0.5	54	63	+3	SE	1	0	2	58	47	0.51		
Leith ...	29.88	54	E	1	0	29.88	-0.2	54	52	-1	NE	1	m	•	56	50	0.44		
†Shields ...	29.87	57	E-NE	2	6c	29.89	-0.1	58	63	+1	SE	0	m	2	58	51	-		
Spurn Head ...	29.84	60	WN	3	C	29.93	-0.1	61	59	+1	WSW	3	6cm	3	63	54	0.15		
York ...	29.86	61	N	1	6c	29.93	+0.2	61	58	+4	SE	1	0	•	65	50	0.02		
Loughborough...	29.87	62	N	4	6c	29.96	+0.4	63	60	+2	WSW	3	omw	•	68	52	0.14		
†Ardrossan ...	29.87	57	NE	1	om	29.86	-0.2	57	56	+2	SSW	3	0	2	60	51	0.01		
†Mullaghmore ...	29.92	59	WNW	3	0	29.89	+0.3	55	54	-2	SW	4	om	3	60	56	0.06		
Donaghadee ...	29.89	58	SSW	1	C	29.90	+0.3	58	57	+5	N	1	C	0	69	54	0.09		
Parsonstown ...	29.97	63	S	3	0	29.97	+0.6	57	55	-2	N.	1	0	•	68	55	-		
Barrow-in-Furness	29.88	59	SSW	1	0	29.91	0.00	59	59	+2	WSW	3	C	3	60	51	0.10		
†Holyhead ...	29.91	65	SSW	1	6c	29.95	+0.4	60	58	+4	SE	2	0	1	66	56	0.03		
Liverpool (Bidston)	29.91	60	WNW	1	6c	29.94	+0.3	60	58	+4	N	2	C	3	62	54	0.12		
Valencia ...	30.02	60	N	2	omd	29.97	-0.4	59	59	0	WSW	1	0	1	63	57	0.10		
Roche's Point ..	30.00	66	WNW	3	6c	30.00	+0.2	60	59	-3	WNW	2	0	3	69	56	-		
Pembroke ...	29.99	60	N	4	6c	29.98	+0.7	58	58	0	WSW	4	0	2	63	57	0.07		
†Scilly ...	30.05	61	WNW	5	om	30.07	+0.5	59	59	-2	N	4	om	5	62	58	0.01		
Prawle Point ...	30.01	61	WSW	3	0	30.07	+0.9	60	60	0	WSW	4	f	4	65	57	0.01		
Hurst Castle ...	29.93	67	WNW	4	6c	30.05	+0.6	64	60	+3	N	3	C	3	72	58	-		
†Dungeness ...	29.86	?	WSW	4	6c	30.04	+0.3	60	59	0	WSW	2	m	2	767	54	-		
†London ...	29.87	68	WN	3	6c	30.02	+0.5	63	60	0	WSW	1	0	•	70	54	0.01		
Oxford ...	29.92	64	WNW	3	0	30.01	+0.6	63	60	+2	SE	2	0	•	69	57	-		
Cambridge ...	29.85	65	WNW	2	6	29.98	+0.3	63	61	0	SE	1	0	•	67	49	0.16		
†Yarmouth ...	29.83	62	WNW	1	C	29.98	+0.1	58	57	-3	WSW	1	om	3	63	51	0.72		
The Helder ...	29.85	58	E	1	λ	29.94	-0.8	61	58	+2	WSW	1	0	2	64	57	0.39		
Cape Griz Nez...	?	61	WSW	7	m	?	?	64	59	+5	N	4	m	3	66	57	0.04		
†Jersey ...	30.04	60	N	5	0	30.12	+0.9	61	61	+1	N	4	f	3	63	58	0.05		
Brest ...	30.15	60	WN	4	m	30.16	+0.1	60	60	-1	N	4	m	3	63	59	-		
Lorient ...	30.13	63	WN	7	m	30.17	+0.2	62	61	-1	WN	4	m	3	68	59	-		
†Rochefort ...	30.22	67	WNW	5	λ	30.23	0.00	63	63	-1	WNW	4	0	2	72	59	0.04		
Biarritz ...	30.78	66	WN	4	0	30.25	-0.1	68	66	+4	WN	4	6c	2	70	64	0.08		
Corunna ...	•	•	•	•	•	30.24	-1.8	71	?	+3	NE	1	6	2	72	54	-		
Brussels ...	•	•	•	•	•	30.02	-0.3	62	59	+3	N	3	C	•	71	57	0.24		
Charleville ...	29.91	68	S	5	0	30.04	-0.4	62	58	+5	WNW	4	0	•	75	43	0.20		
Paris ...	29.98	67	S	4	λ	30.18	+0.9	65	61	+2	N	1	C	•	•	•	-		
Lyons ...	30.09	65	WN	1	0	30.15	-0.1	64	62	+1	NE	1	0	•	79	60	0.16		
Toulon ...	30.09	75	N	8	6c	30.14	-0.2	69	61	-1	WNW	7	6c	4	79	61	-		

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 France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^r Bangsfield 12th. London

WEATHER CHARTS

for 8 a.m. on *Tuesday* 22nd JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

Wind — Arrows show the prevailing 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.

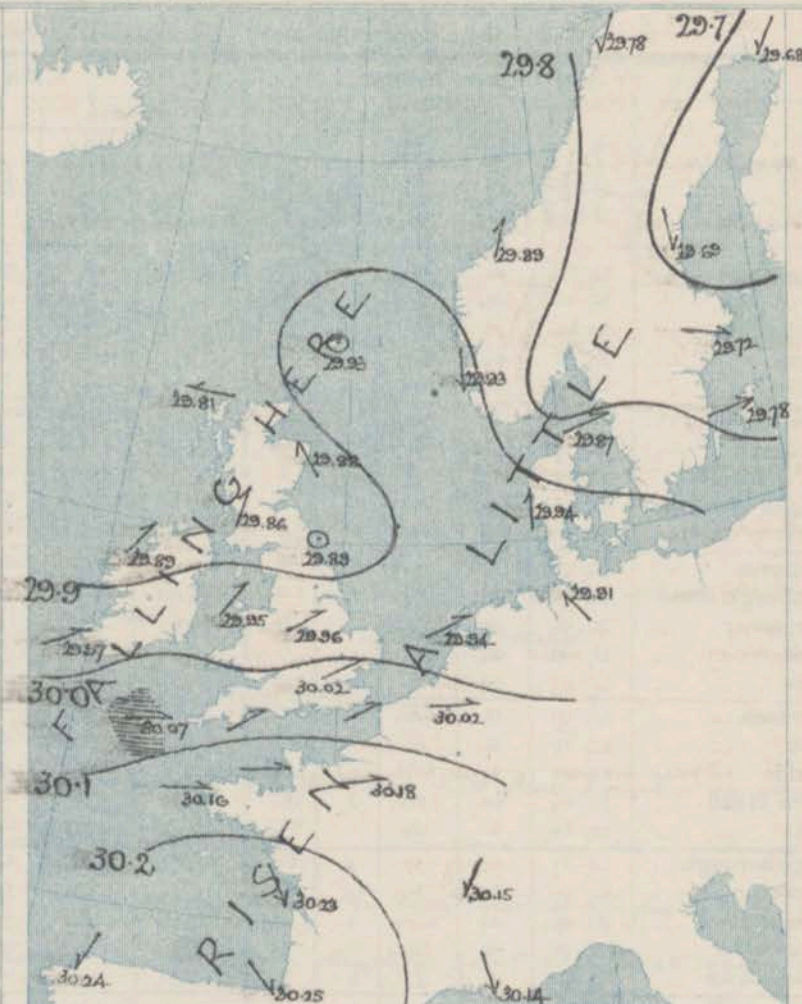
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*
 During the 10 Years 1871—1880.

STATIONS	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Ballyhead	29.819
Liverpool	29.910
Valencia	29.944
Roch's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.958
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



REMARKS.

for Tuesday 22nd July 1884, at 8 a.m.

In the course of the past 24 hours the barometer has fallen a little on our western & northern coasts, but risen elsewhere. Readings are still highest over the southwest of France & lowest in the north of Scandinavia, & while an area of low pressure lies off our extreme northwest coast a shallow subsidiary disturbance is found over the east of Scotland. The wind is light & variable on our northeast coasts & also on the eastern shores of the North Sea, but in the west & south of our islands it varies between N. & S.W., while in France it draws into N.W. The weather is fine in Scandinavia & Denmark, but cloudy or overcast in our islands & France, with mist or fog locally. In the course of the past 24 hours rain has fallen in most parts of the Kingdom. Temperature has changed little & irregularly, & readings now range from 64° at Hurst Castle to 49° in the Shetlands. The highest maxima registered yesterday were 72° at Hurst Castle & 70° in London. The sea is rather rough at Scilly, slight or smooth elsewhere.

There is at present no indication of any important change in the weather.

FORECASTS

For the 24 hours ending at NOON on 23rd July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SH ²⁴ winds, moderate; cloudy, some rain.	6 { SCOTLAND WEST	Same as N° 0
1 { SCOTLAND EAST	Variable breezes, finally SH ²⁴ ; changeable, some rain.	7 { ENGLAND N.W.	Same as N° 0
2 { ENGLAND N.E.	-----D°-----D°-----D°-----	8 { ENGLAND S.W.	SH ²⁴ or N ²⁴ winds, moderate & fresh; cloudy, unsettled, some rain.
3 { ENGLAND EAST	Same as N° 5	9 { IRELAND NORTH	-----D°-----D°-----D°-----
4 { MIDLAND COUNTIES	Same as N° 5	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	SH ²⁴ or N ²⁴ winds, moderate; fair on the whole.	WARNINGS	None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.91	54	48	WNW	4	C	3	Valencia	20.04	62	61	W	3	ow	4
Sumburgh Head	29.94	49	46	NE	2	O	2	Scilly	30.05	62	61	WNW	5	O	5
Stornoway	29.88	55	50	ENE	4	O	2	Dungeness	29.90	62	60	WSW	4	O	3
Aberdeen	29.91	58	52	SE	3	bc	2	London	29.87	66	?	SW	3	O	3
Shields	29.88	58	50	E	2	A	2	Yarmouth	29.86	59	58	S	4	oa	3
Ardrossan	29.86	60	56	SE	1	C	1	Jersey	30.03	62	61	NE	5	O	4
Mullaghmore	29.92	59	56	WNW	5	OV	3	Rochefort	20.22	68	66	WNW	7	O	2
Holyhead	29.90	63	60	WSW	1	O	1								

REMARKS.

The barometer is now rising on our western and southwestern coasts, but continues to fall elsewhere. The wind is very little changed and the weather remains cloudy in most places, with rain at Shields and Yarmouth. The sea is rather rough at Scilly.

DAILY WEATHER REPORT

for Wednesday 23rd July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 5 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force. (0 to 12)		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)			Max.	Min.	Amount of Rainfall.		
Haparanda	29.76	49	N	2	0	29.87	+1.9	52	49	0	N	2	B	•	52	41	0.08		
Hernösand ...	29.84	52	Z	0	bc	29.94	+1.25	55	50	0	WNW	2	B	•	57	46	0.12		
Stockholm ...	29.91	53	Z	0	0	29.98	+1.26	61	55	+8	SW	2	B	•	63	46	0.08		
Wisby ...	29.87	56	WNW	4	B	29.95	+1.7	60	53	+5	SW	4	B	•	64	52	-		
Bodö ...	29.86	53	WNW	2	0	29.90	+1.2	50	48	-2	N	2	bc	2	55	40	-		
Christiansund ...	29.92	52	WNW	2	B	29.89	-0.00	54	49	+3	ESE	1	B	1	55	43	-		
† Skudesnaes ...	29.94	53	WNW	4	bc	29.87	-0.06	50	48	-2	ESE	4	N	3	57	?	-		
Oxö (Xlansund) ...	29.96	57	WSW	6	bc	29.86	-1.06	54	49	+4	N	2	B	1	61	?	-		
Skagen (The Skaw)	29.94	54	W	2	B	29.92	+0.05	60	55	0	S	2	B	0	63	50	-		
Fanö ...	29.94	54	SE	4	C	29.88	-0.06	62	60	+6	S	4	C	•	63	52	0.08		
Cuxhaven ...	29.91	61	SE	1	0	29.88	-0.03	61	60	-1	S	2	A	•	56	48	0.24		
† Sumburgh Head	29.91	53	SE	2	B	29.73	-0.20	52	50	+3	E	5	O	5	55	43	-		
† Stornoway ...	29.74	56	WSW	3	0	29.62	-0.19	54	51	+2	S	3	d	4	57	50	0.27		
Wick ...	29.79	51	ESE	5	0	29.65	-0.25	57	54	+1	S	1	bc	1	57	49	0.27		
Nairn ...	29.76	58	Z	0	0	29.65	-0.21	56	51	+4	Z	0	C	0	61	49	0.33		
† Aberdeen ...	29.80	57	S	3	0	29.67	-0.21	59	55	+5	Z	0	CN	1	60	48	-		
Leith ...	29.82	61	WNW	2	C	29.66	-0.22	57	55	+3	S	1	om	•	67	53	0.02		
† Shields ...	29.87	60	Z	0	A	29.66	-0.23	57	57	+2	SW	1	N	2	63	53	0.33		
Spurn Head ...	29.90	66	WSW	2	C	29.80	-0.13	62	61	+1	SW	4	N	3	68	60	0.05		
York ...	29.86	65	W	1	0	29.76	-0.17	63	61	+2	WSW	1	O	•	68	57	0.03		
Loughborough...	29.90	68	WSW	2	0	29.82	-0.14	61	59	-2	SSW	4	op	•	71	60	0.04		
† Ardrossan ...	29.83	58	SSW	1	op	29.66	-0.20	57	56	0	SSW	1	O	1	60	55	0.07		
† Mullaghmore ...	29.82	59	WNW	1	0	29.69	-0.20	57	54	+1	SW	4	bc	3	62	53	0.03		
Donaghadee ...	29.85	60	SW	8	0	29.70	-0.20	57	56	-1	W	2	C	0	64	54	0.02		
Parsonstown ...	29.88	61	WSW	1	A	29.76	-0.21	55	53	-2	W	1	C	•	63	52	0.37		
Barrow-in-Furness	29.89	56	WSW	3	0	29.71	-0.20	57	56	-2	SW	2	A	3	61	56	0.49		
† Holyhead ...	29.89	58	SSW	3	A	29.72	-0.23	58	57	-2	SSW	5	N	4	64	57	0.27		
Liverpool (Bidston)	29.90	61	WNW	1	0	29.73	-0.21	62	56	+2	SW	4	O	3	65	59	0.09		
† Valencia ...	29.90	60	W	4	om	29.82	-0.15	55	54	-2	WNW	3	cp	4	63	52	0.14		
Roche's Point ..	29.93	62	WSW	3	C	29.79	-0.21	59	55	-1	WNW	4	bc	3	65	55	0.22		
Pembroke ...	29.95	59	SW	4	0	29.81	-0.17	59	57	+1	SSW	6	C	6	62	58	0.27		
† Scilly ...	30.00	61	WSW	4	of	29.88	-0.19	59	57	0	WSW	5	N	5	64	57	0.01		
Prawle Point ...	30.05	59	WSW	4	f	29.94	-0.13	57	57	-3	SSW	2	O	3	62	55	0.04		
Hurst Castle ...	30.02	63	WNW	6	C	29.95	-0.10	60	58	-4	WSW	6	C	4	67	57	-		
† Dungeness ...	30.03	?	SW	5	0	29.96	-0.08	61	59	+1	SW	5	O	5	68	58	-		
† London ...	29.97	68	SSW	5	C	29.93	-0.09	62	59	-1	SW	2	O	•	73	60	-		
Oxford ...	29.97	64	SW	3	bc	29.89	-0.12	62	59	-1	SW	3	O	•	71	60	-		
Cambridge ...	29.92	69	SW	1	0	29.90	-0.08	64	61	+1	S	2	O	•	71	59	-		
† Yarmouth ...	29.94	67	WSW	1	C	29.88	-0.10	66	62	+8	SW	3	C	2	70	57	0.01		
The Helder ...	29.97	63	SW	2	O	29.91	-0.03	64	62	+3	SW	3	O	3	66	61	-		
Cape Griz Nez...	?	62	W	5	0	?	?	60	59	-4	WSW	5	O	4	66	59	-		
† Jersey ...	30.10	61	WNW	3	op	29.99	-0.13	60	60	-1	WSW	2	ogm	2	65	58	0.01		
Brest ...	30.12	62	SW	4	0	29.99	-0.17	60	60	0	SW	4	m	4	63	59	-		
Lorient ...	30.16	63	W	4	0	30.03	-0.14	62	61	0	SSW	3	O	3	70	57	-		
† Rochefort ...	30.21	73	WNW	4	C	30.04	-0.19	67	65	+4	SE	5	B	2	77	59	-		
Biarritz ...	30.11	70	WNW	4	B	29.95	-0.30	71	67	+3	E	3	B	1	72	66	-		
Corunna ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Brussels ...	•	•	•	•	•	30.01	-0.01	69	64	+5	SW	4	O	•	73	?	-		
Charleville ...	30.09	?	W	5	B	30.12	+0.08	64	57	+2	NE	4	B	•	77	59	-		
Paris ...	30.12	74	SW	1	B	30.07	-0.11	72	68	+1	SW	1	B	•	•	•	-		
Lyons ...	30.13	71	WNW	1	B	30.14	-0.01	66	60	+4	SE	1	B	•	73	?	-		
Toulon ...	30.13	76	WNW	4	bc	30.25	+1.1	72	66	+3	E	3	m	2	84	64	-		

EXPLANATION OF COLUMNS.

WEATHER.—*transport 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield, The London

WEATHER CHARTS

for 8 a.m. on Wednesday. 23rd JULY. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

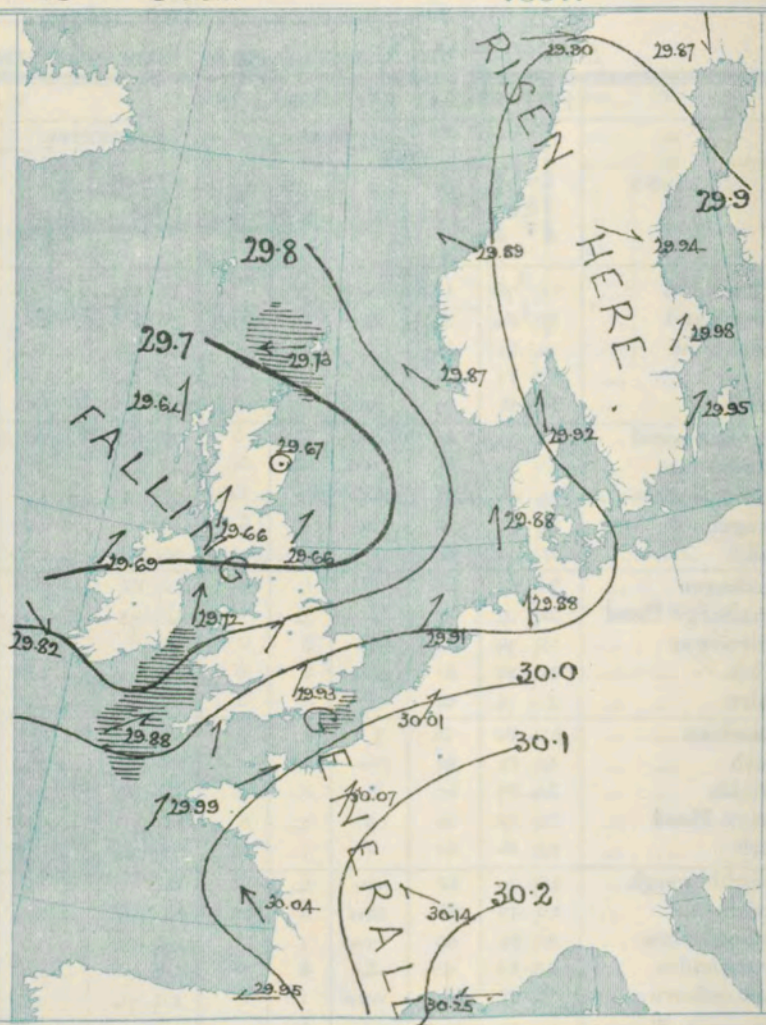
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sunburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.919
Liverpool	29.910
Valencia	29.944
Rock's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather is shown by Letters of the Beaufort Scale.

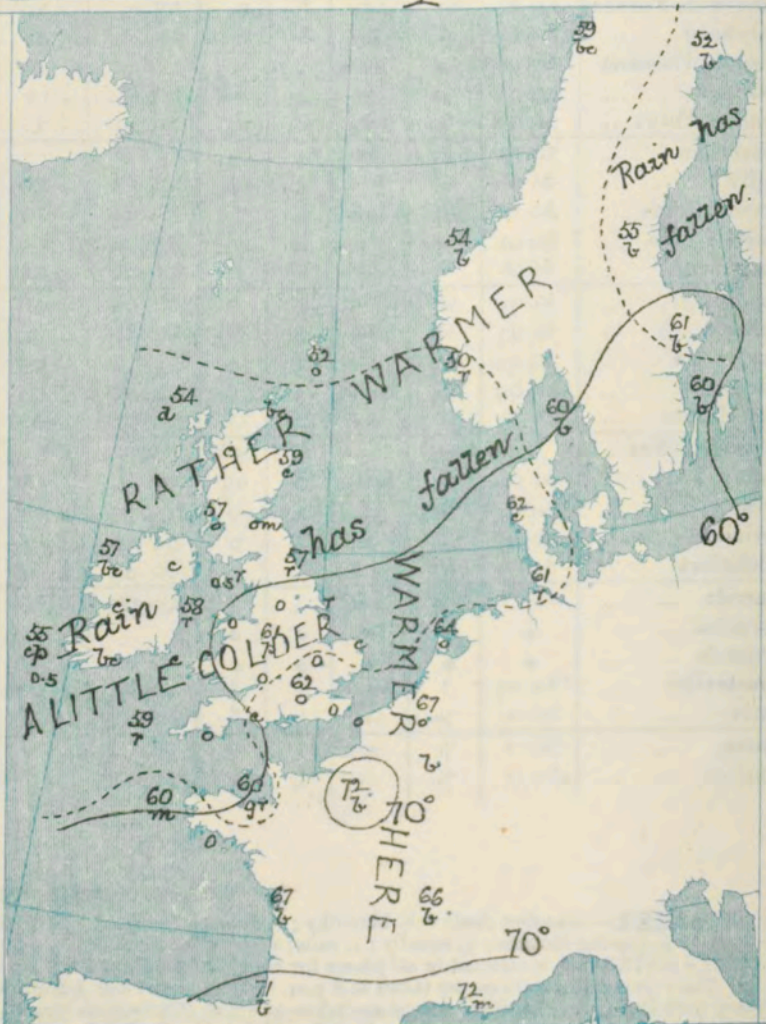
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunburgh Head	53.7	52.2	2.06
Stornoway	56.4	54.3	3.00
Wick	56.2	53.9	2.19
Nairn	57.4	53.7	2.55
Aberdeen	57.9	54.4	2.60
Leith	59.1	55.9	2.62
Shields	58.8	55.5	2.56
York	59.7	56.5	2.41
Ardrossan	57.8	54.6	2.82
Donaghadee	57.7	55.9	2.56
Holyhead	58.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.59
Rock's Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Scilly	60.3	58.2	1.96
Hurst Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.92
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Wednesday 23rd July 1884, at 8 a.m.

The weather over the United Kingdom has fallen into a very changeable unsettled condition generally. Pressure is at present highest (30.2 ins.+) over the southeast of France & lowest to the northeastward and westward of our islands, while a "ridge" of high pressure extends northwards from France, forming a second high pressure area over Scandinavia. A shallow depression lies over Scotland this morning, & another (very small one) at the mouth of St. George's Channel. Temperature has risen a little in the north & on the Continent, fallen over England & Ireland. The wind is westerly to southwesterly over Ireland & England, & blows strongly in several localities. In Scotland it is light from E., & at Smithburgh Head it is fresh from E. Showers of rain have fallen at all but the most southern station. The sky is still much clouded, & the appearance is showery & unsettled. The sea is rough in the southwest, rather so in the Channel, moderate in St. George's Channel, smooth off our E. coasts. The barometer appears to be falling very generally; & with the present distribution of pressure, this indicates a continuance of showery unsettled weather.

FORECASTS

for the 24 hours ending at NOON on 24th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ²⁴ & S ²⁴ winds, changeable; showery.	6 { SCOTLAND WEST	Same as N ^o 5
1 { SCOTLAND EAST	Same as N ^o 4	7 { ENGLAND N. W.	Same as N ^o 5
2 { ENGLAND N. E.	Same as N ^o 4	8 { ENGLAND S. W.	N ²⁴ (N. to S.W.) winds, strong to fresh; showery.
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	N ²⁴ to SE ²⁴ or S ²⁴ winds, strong to moderate; rain at times, unsettled.
4 { MIDLAND COUNTIES	SE ²⁴ & S ²⁴ breezes, moderate to fresh; showery, cool.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SE ²⁴ to N ²⁴ winds, fresh or strong; sun, rain at times.	WARNINGS	None Issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.96	57	53	WNV	5	b	3	Valencia	29.94	62	61	WNV	4	o n	4
Sumburgh Head	29.93	53	48	SE	1	b	1	Scilly	30.06	64	63	WNV	3	f	5
Stornoway	29.77	54	53	E	3	d	3	Dungeness	30.05	64	?	SW	5	o	6
Aberdeen	29.85	58	55	S	3	C	1	London	30.00	70	63	WNV	2	o	*
Shields	29.90	60	56	SSW	2	C	2	Yarmouth	29.96	68	63	SW	2	e	2
Ardrossan	29.87	59	57	SW	2	O	2	Jersey	30.12	64	63	WNV	3	C	3
Mullaghmore	29.88	59	56	W	3	op	2	Rocheport	30.25	76	70	WNV	3	C	2
Holyhead	29.94	63	58	SSW	2	C	2								

REMARKS.

The barometer is falling slightly in nearly all parts of the Kingdom, but the winds and weather remain unchanged. Drizzling rain is falling at Stornoway and showers at Mullaghmore. The sea is rather rough at Billy and Dungeness.

DAILY WEATHER REPORT

for *Thursday* *24th July* *1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Direc.	Force. (0 to 12).			Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).	Weather.		Max.	Min.	Amount of Rainfall.			
Haparanda	29.91	50	Z	0	0	29.94	+0.08	57	53	+5	S	2	6	*	61	43	0.08		
Hernösand ...	29.93	52	SSW	2	6	29.82	-0.12	57	55	+2	SE	4	0	*	64	43	0.08		
Stockholm ...	29.94	56	S	2	0	29.71	-0.27	57	56	-4	SSW	6	4	*	68	48	0.35		
Wisby ...	29.90	58	SSE	4	6	29.76	-0.19	63	59	+3	SSW	6	0	*	70	50	0.08		
Bodö ...	29.89	52	NNE	2	6	29.78	-0.12	55	51	+5	E	4	6	*	57	45	-		
Christiansund ...	29.74	56	E	4	6	29.44	-0.45	54	48	0	SSE	5	0	2	59	48	-		
† Skudesnaes ...	29.55	55	ENE	4	4	29.38	-0.49	57	54	+7	WSW	4	0	4	?	50	-		
Oxö (Xilansund) ...	29.62	60	SSW	6	4	29.38	-0.48	59	57	+5	WSW	4	0	2	61	?	0.79		
Skagen (The Skaw)	29.67	60	S	4	4	29.46	-0.46	61	60	+1	SW	3	0	3	63	57	0.47		
Fanö ...	29.65	62	SSW	4	0	29.54	-0.34	66	62	+4	WSW	6	6	*	68	59	0.32		
Cuxhaven ...	29.81	60	SW	1	0	29.54	-0.34	62	62	+1	SW	3	0	*	?	58	1.04		
† Sunburgh Head	29.58	50	E	5	4	29.46	-0.27	54	51	+2	NNE	5	0	5	54	48	0.23		
† Stornoway ...	29.53	57	Z	0	0	29.53	-0.04	51	50	-3	NE	5	0	4	59	49	0.43		
Wick ...	29.53	55	Z	0	0	29.50	-0.15	52	52	-5	N	2	0	1	62	50	0.28		
Nairn ...	29.53	58	Z	0	0	29.52	-0.13	54	52	-2	NW	1	0	1	60	50	0.33		
† Aberdeen ...	29.52	58	Z	0	0	29.48	-0.19	57	53	-2	NW	3	0	1	63	45	0.05		
Leith ...	29.58	62	NW	3	6	29.51	-0.15	57	53	0	NW	1	0	*	69	50	-		
† Shields ...	29.56	64	WNW	2	0	29.55	-0.11	58	52	-2	WSW	1	0	2	64	50	0.02		
Spurn Head ...	29.65	61	SW	5	0	29.64	-0.16	58	55	-4	SSW	4	6	2	63	52	0.07		
York ...	29.64	56	N	3	6	29.62	-0.14	54	53	-9	WSW	2	4	*	65	49	0.04		
Loughborough...	29.70	60	WSW	4	0	29.68	-0.14	58	55	-3	WSW	4	0	*	62	50	0.28		
† Ardrossan ...	29.57	58	SSW	3	6	29.53	-0.13	58	54	+1	NW	2	6	2	61	52	0.15		
† Mullaghmore ...	29.62	56	WNW	5	0	29.61	-0.08	55	53	-2	NW	4	0	5	62	52	0.57		
Donaghadee ...	29.61	57	WSW	2	0	29.57	-0.13	54	52	-3	WNW	4	0	2	66	49	0.26		
Parsonstown ...	29.71	58	N	2	6	29.70	-0.06	53	53	0	N	2	0	0	62	50	0.17		
Barrow-in-Furness	29.63	59	WSW	3	6	29.58	-0.13	53	51	-4	SW	4	0	4	60	52	0.27		
† Holyhead ...	29.68	58	SSW	3	6	29.64	-0.08	57	55	-1	WSW	4	0	3	63	54	0.27		
Liverpool (Bidston)	29.66	60	WSW	3	0	29.63	-0.10	56	52	-6	WSW	3	6	4	63	53	0.07		
† Valencia ...	29.78	57	N	4	6	29.81	-0.01	58	55	+3	WNW	4	6	5	62	53	0.16		
Roche's Point ...	29.78	60	N	5	6	29.77	-0.02	58	54	-1	WNW	4	6	4	64	51	-		
Pembroke ...	29.76	58	N	6	6	29.71	-0.10	57	53	-2	N	6	6	4	60	55	0.10		
† Scilly ...	29.86	60	N	5	6	29.84	-0.04	59	56	0	WNW	6	0	6	61	54	0.42		
Prawle Point ...	29.83	58	N	2	0	29.82	-0.12	58	55	+1	SW	4	6	3	61	54	0.12		
Hurst Castle ...	29.81	60	WSW	5	0	29.79	-0.16	61	57	+1	N	6	6	4	65	56	0.04		
† Dungeness ...	29.80	?	WSW	3	0	29.80	-0.16	61	57	0	WSW	3	6	3	68	54	0.14		
† London...	29.76	65	SW	5	0	29.78	-0.15	61	56	-1	SW	3	6	*	70	49	0.01		
Oxford ...	29.75	58	SW	3	6	29.74	-0.15	58	55	-4	SW	2	0	*	69	49	0.06		
Cambridge ...	29.75	64	SW	1	0	29.72	-0.18	59	56	-5	SW	1	6	*	72	46	0.02		
† Yarmouth ...	29.72	68	SW	3	0	29.69	-0.19	60	55	-6	WSW	3	6	2	70	51	0.01		
The Helder ...	29.72	63	S	1	6	29.69	-0.22	62	58	-2	WSW	3	0	3	66	61	-		
Cape Griz Nez...	?	62	WSW	4	0	?	?	61	57	+1	N	5	6	4	66	?	0.04		
† Jersey ...	29.85	60	WNW	2	0	29.89	-0.10	58	57	-2	WSW	5	0	5	65	56	0.02		
Brest ...	29.91	60	WNW	4	0	29.95	-0.04	59	56	-1	WNW	5	0	5	63	57	-		
Lorient ...	29.89	63	NW	5	0	30.00	-0.03	60	55	-2	NW	7	6	4	73	55	-		
† Rochefort ...	29.91	75	N	5	6	30.06	+0.02	63	58	-4	WNW	5	0	2	91	57	-		
Biarritz ...	29.93	77	N	5	6	30.05	+0.10	66	64	-5	N	1	0	2	97	64	-		
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-		
Brussels ...	?	?	?	?	?	29.80	-0.21	62	58	-5	WSW	8	0	*	80	60	0.47		
Charleville ...	29.80	?	SSE	4	6	?	?	62	58	-2	SW	3	0	*	84	58	0.43		
Paris ...	29.81	78	S	1	6	29.94	-0.13	64	59	-8	N	4	6	*	?	?	-		
Lyons ...	29.91	82	SSE	7	6	30.02	-0.12	65	62	-1	E	1	0	*	87	65	0.04		
Toulon ...	30.25	77	SE	3	0	30.23	-0.02	68	65	-4	E	3	0	2	62	64	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



1884.

(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 W_1 ➤ = forces 8 to W_1
 ➤ = forces 5 to T_1 ➤ = forces 1 to T_1
 ☉ = dead calm.

Sea Disturbance—where considerable is shown thus

 = Rough.  = fine

at 8 a.m. for the month of July

During the 10 Years 1871—1880.

[illegible]

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.

for the month of July

A hand-drawn weather map of the British Isles and surrounding regions, showing temperature isotherms and handwritten annotations. The map includes labels for "RATHER have", "A LITTLE WARMER", "Snowed last night", and "60° rain here". Numerous temperature readings are scattered across the map, such as 51, 57, 58, 59, 60, 62, 63, 64, 65, 66, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Note - The Temperature means are for the 30 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.

REMARKS.

for Friday 24th July 1884, at 8 a.m.

The low pressure area which lay over our north & northwest coast yesterday has passed on to Norway, but shallow subsidary depressions are still moving across England & the barometer is therefore falling at all but our extreme western station, where a slight recovery is in progress.

The wind is Northerly in the extreme north of Scotland and Northwesterly on our western coast, but in the east and south it is westerly or Southwesterly, while in Sweden it is Southerly or South-easterly. In force it is moderate or fresh generally. The weather remains in a changeable showery condition in almost all localities. Lightning was seen last night in the South of England & thunder occurred at Helder. Temperature has fallen a little, & readings now range from 61° in the Southeast of England to 51° at Stornoway & Mullaghmore. The highest maxima registered yesterday were 72° at Cambridge & 70° in London & at Upminster. The sea is rough on several parts of our west & South-west coast, moderate to smooth elsewhere.

There is still a probability of the advance of shallow depressions from the westward so that unsettled showery weather is likely to continue in most places.

FORECASTS

for the 24 hours ending at NOON on 25th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW th and N th winds, moderate, changeable, showery.	6 { SCOTLAND WEST	Same as N ^{os} 0 & 1
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N. W.	N th winds, fresh; changeable, showery
2 { ENGLAND N. E.	Same as N ^o 5	8 { ENGLAND S. W.	-----D-----D-----D-----
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	N th and NW th winds, fresh, changeable, showery
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	SW th and N th winds, moderate; fair on the whole, but some showers.	WARNINGS	None Issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.73	54	50	ENE	6	A	3	Valencia	29.80	58	56	WSW	5	cyp	5
Sumburgh Head	29.64	49	49	E	5	A	5	Scilly	29.86	60	58	WNW	3	c	4
Stornoway	29.57	57	54	S	3	C	3	Dunegess	29.88	64	60	SW	4	O	4
Aberdeen	29.56	60	57	S	4	C	1	London	29.83	69	60	S	4	C	2
Shields	29.61	64	63	W	0	C	2	Yarmouth	29.81	69	63	SW	3	C	2
Ardrossan	29.60	61	56	WNW	2	C	2	Jersey	29.90	64	61	WNW	2	O	2
Mullaghmore	29.64	55	54	SW	4	P	3	Rochefort	29.95	91	75	S	4	C	2
Holyhead	29.71	61	58	SSW	3	C	3								

REMARKS.

The barometer continues to fall generally, and shallow depressions are apparently moving in an easterly direction over our Islands. Moderate W winds prevail in most places, with showers in the west of Ireland, but fair weather elsewhere. The sea is rather rough at Valencia.

DAILY WEATHER REPORT

for *Friday 25th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. H. SCOTT, Secretary.																			
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.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.84	58	E	2	C	29.65	- .9	56	56	- 1	S	6	A	*	63	43	0.63		
Hernösand	29.52	54	SE	2	C	29.60	- .22	58	56	+ 1	S	4	bc	*	59	50	0.63		
Stockholm	29.60	59	SSW	2	C	29.73	+ .02	64	59	+ 7	SSW	2	O	*	?	54	0.51		
Wisby	29.66	62	SSW	6	O	29.71	- .05	63	58	+ 0	SSW	2	bc	*	72	53	0.16		
Bodö	29.64	59	ENE	2	C	29.38	- .40	55	53	0	E	5	C	2	68	52	-		
Christiansund	29.26	55	W	2	C	29.25	- .19	59	54	+ 5	E	1	C	1	59	48	0.20		
Skudesnaes	29.45	55	WSW	6	O	29.60	+ .22	55	51	- 2	WNW	6	O	4	59	55	-		
Oxö (Xulansund)	29.52	58	WSW	6	bc	29.58	+ .20	55	53	- 4	NW	2	bc	O	63	52	0.24		
Skagen (The Skaw)	29.59	57	WSW	3	bc	29.62	+ .16	58	52	- 3	SW	4	C	3	64	55	0.35		
Fanö	29.66	59	WSW	4	C	29.63	+ .09	57	55	- 9	S	4	ct	*	66	52	0.20		
Cuxhaven	29.61	62	WSW	2	C	29.66	+ .12	60	58	- 2	SW	3	C	*	?	52	-		
†Sumburgh Head	29.54	52	NNE	5	C	29.69	+ .23	49	47	- 5	NNW	5	O	5	57	45	0.08		
†Stornoway	29.77	53	NNE	5	C	29.94	+ .36	57	46	0	N	5	O	4	57	44	0.12		
Wick	29.65	54	N	5	O	29.85	+ .35	49	46	- 3	NW	6	bc	4	59	44	0.17		
Nairn	?	54	NW	1	C	29.90	+ .38	50	46	- 4	NW	4	C	3	56	47	0.15		
†Aberdeen	29.61	57	N	4	C	29.87	+ .39	57	47	- 6	NNW	5	C	2	60	46	0.06		
Leith	29.63	60	NW	1	C	29.91	+ .40	56	53	- 1	N	1	C	*	69	49	0.09		
†Shields	29.61	54	W	2	A	29.84	+ .34	55	49	0	N	4	bc	4	62	46	0.25		
Spurr. Head	29.61	60	WSW	4	bc	29.86	+ .22	55	53	- 3	NNW	5	bc	3	65	57	0.05		
York	29.62	58	W	2	bc	29.92	+ .30	54	50	0	N	2	C	*	63	46	0.07		
Loughborough	29.68	58	W	3	bc	29.93	+ .25	56	52	- 2	NNW	3	cwm	*	66	50	0.19		
†Ardrossan	29.67	56	ENE	2	O	29.96	+ .43	54	49	- 4	NNW	4	bc	3	63	49	0.07		
†Mullaghmore	29.80	55	N	6	py	30.11	- .50	56	49	+ 1	NNW	6	bc	5	61	51	0.03		
Donaghadee	?	57	N	4	C	30.02	+ .45	54	50	0	N	6	bc	4	61	50	0.08		
Parsonstown	29.79	57	W	1	C	30.15	+ .45	52	48	- 3	NW	1	bc	*	63	45	0.15		
Barrow-in-Furness	29.63	58	WNW	3	bc	29.91	+ .33	54	51	+ 1	N	2	bc	3	59	52	0.10		
†Holyhead	29.70	58	W	5	bc	30.00	+ .36	55	52	- 2	NNW	5	bc	5	61	53	0.02		
Liverpool (Bidston)	29.66	57	W	5	bc	29.94	+ .31	52	50	- 4	WNW	1	A	3	60	50	0.80		
†Valencia	29.96	58	NW	5	bcq	30.21	+ .46	60	56	+ 2	NNW	3	C	3	63	53	0.02		
Roche's Point	29.86	60	WNW	5	bc	30.13	+ .36	56	52	- 2	N	4	bc	4	63	50	0.05		
Pembroke	29.77	58	W	4	C	30.04	+ .33	55	51	- 2	NNW	6	bcv	4	60	52	0.04		
†Scilly	29.92	60	WNW	7	C	30.09	+ .25	57	53	- 2	NNW	6	C	6	61	53	0.10		
Prawle Point	29.86	60	W	6	bc	30.09	+ .18	58	55	0	NW	5	bc	3	62	53	0.04		
Hurst Castle	29.80	62	W	6	C	29.94	+ .15	59	55	- 2	NW	3	bc	4	67	53	0.02		
†Dungeness	29.76	?	SW	6	bc	29.89	+ .09	59	54	- 2	NW	2	bc	4	65	49	0.04		
†London	29.73	63	SW	4	bc	29.92	+ .14	56	52	- 3	NW	2	C	*	68	48	0.03		
Oxford	29.76	54	SW	4	bc	29.93	+ .19	55	52	- 3	NNW	1	cwm	*	67	49	0.12		
Cambridge	29.68	62	SW	1	C	29.92	+ .20	57	53	- 2	N	1	C	*	69	49	0.23		
†Yarmouth	29.67	58	SSW	2	C	29.84	+ .15	57	53	- 3	NW	3	C	8	68	49	0.31		
The Helder	29.71	61	SW	3	A	29.75	+ .06	58	54	- 4	W	3	O	3	64	57	0.04		
Cape Griz Nez	?	60	W	9	bc	?	?	57	56	- 4	S	5	bc	4	64	55	0.08		
†Jersey	29.91	60	W	6	bc	29.99	+ .10	58	56	0	NNW	5	cwm	5	64	56	0.01		
Brest	30.02	60	WNW	5	bc	30.06	+ .11	55	54	- 4	NNW	5	X	5	63	54	0.08		
Lorient	30.02	62	NW	8	bc	30.08	+ .08	58	55	- 2	NW	7	C	4	68	54	-		
†Rochefort	30.11	65	NNW	5	C	30.17	+ .11	61	57	- 2	NW	5	O	2	?	55	-		
Biarritz	30.10	66	N	4	C	30.18	+ .13	65	56	- 1	NW	4	C	2	79	63	-		
Corunna	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-	
Brussels	?	?	?	?	?	29.88	+ .08	58	54	- 4	WSW	1	O	*	71	53	0.04		
Charleville	29.87	64	WNW	1	bc	29.93	?	55	51	- 7	S	7	O	*	72	50	-		
Paris	29.93	66	W	5	bc	29.97	+ .03	61	56	- 3	WSW	5	bc	*	?	?	-		
Lyons	30.01	63	SSW	1	A	30.09	+ .07	58	53	- 7	NNW	1	bc	*	70	55	1.22		
Toulon	30.18	70	SW	5	bc	30.11	- .12	56	64	- 2	NW	4	m	2	87	64	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 † These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. Dyer, 116, Victoria Street, London.

WEATHER

CHARTS

for 8 a.m. on Friday 25th JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

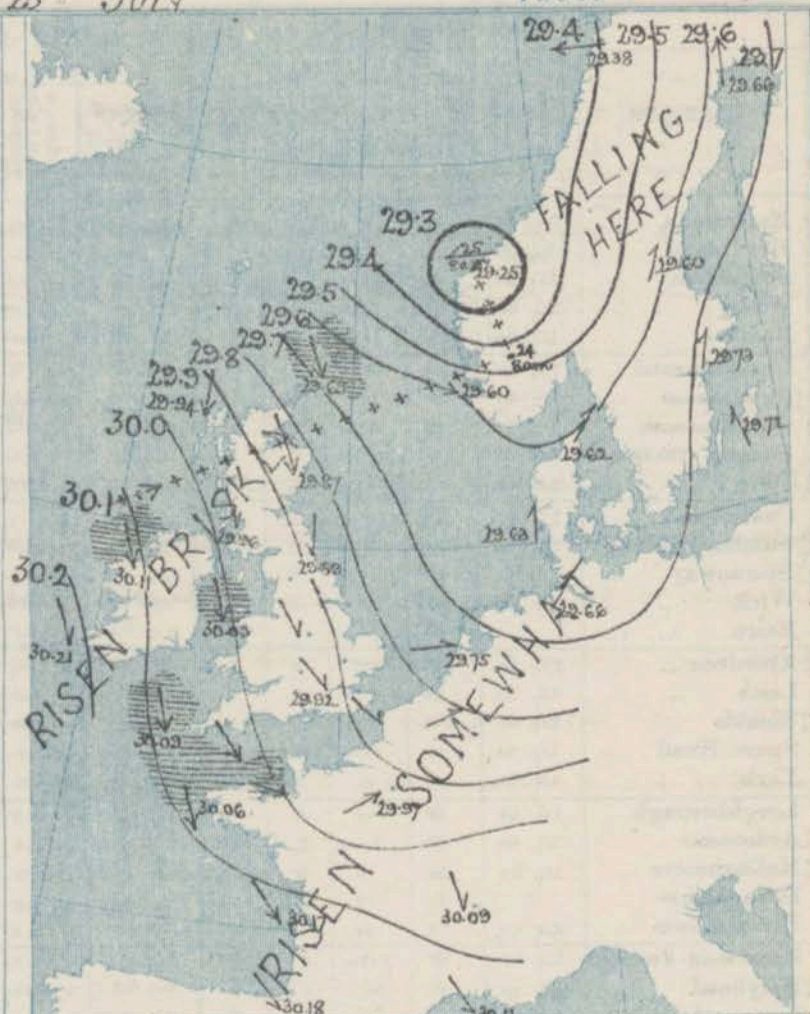
→ force above 10; → force 8 to 10;
 → force 5 to 7; → force 1 to 4;
 ○ — dead calm.

Sea Disturbance — where considerable is shown thus
 ■ — Rough. ■ — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.
 During the 10 years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stormway.	29.789
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrossan.	29.889
Donaghadee.	29.878
Ballyhead.	29.874
Liverpool.	29.810
Valencia.	29.944
Rock's Point.	29.940
Pembroke.	29.942
Scilly.	29.986
Burgh Castle.	29.961
Dover.	29.959
LONDON.	29.955
Oxford.	29.941
Cambridge.	29.937
Yarmouth.	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

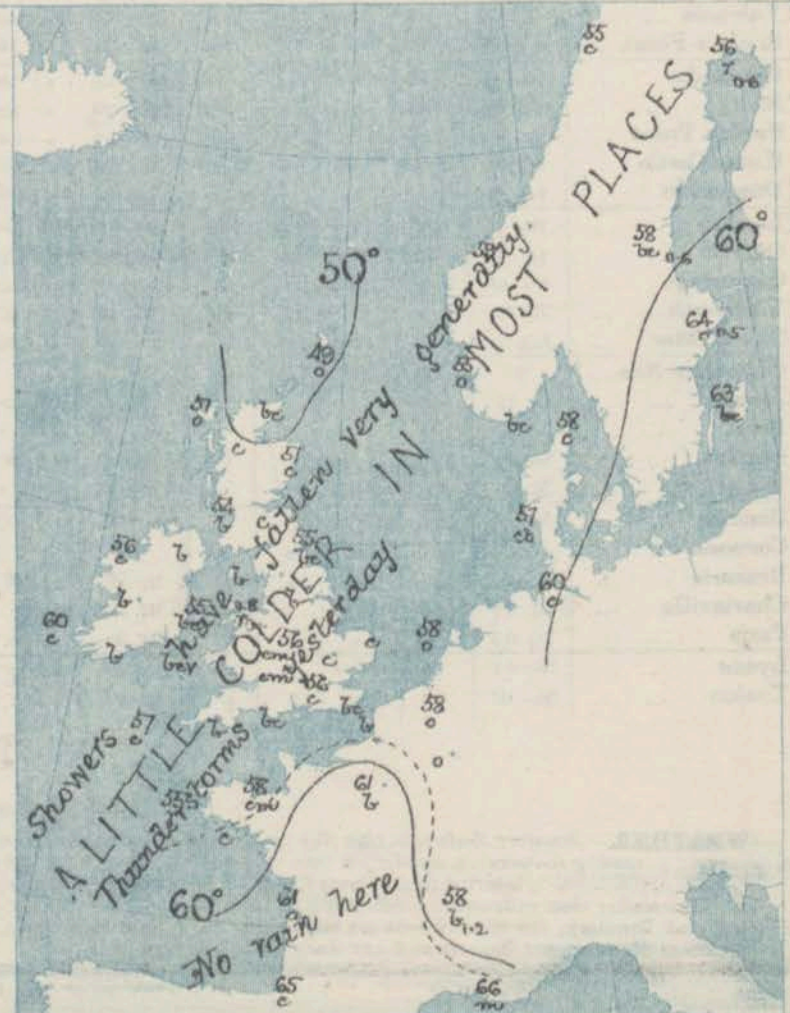
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head.	65.7	62.2	2.08
Stormway.	56.4	54.3	5.00
Wick.	56.2	53.9	2.19
Nairn.	57.4	53.7	2.55
Aberdeen.	57.0	54.4	2.80
Leith.	58.1	55.8	2.62
Shields.	58.8	56.5	2.56
York.	59.7	56.5	2.41
Ardrossan.	57.8	54.8	2.32
Donaghadee.	57.7	55.9	2.36
Ballyhead.	58.3	56.1	2.19
Liverpool.	59.8	56.1	3.01
Valencia.	59.0	56.2	3.59
Rock's Point.	59.1	56.0	3.07
Pembroke.	58.6	56.2	2.12
Scilly.	60.3	58.2	1.96
Burgh Castle.	61.7	59.2	2.31
Dover.	63.0	59.2	1.92
LONDON.	62.5	58.6	2.36
Oxford.	60.4	57.1	2.80
Cambridge.	61.3	58.0	2.41
Yarmouth.	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Friday 25th July* 1884, at 8 a.m.

The depression which lay over Norway yesterday has moved a little to the northward of the position it then occupied, while the subsidiary disturbances noticed over England have passed away to the eastward of our islands. In consequence of these changes the rise of the barometer which had commenced in the extreme west has extended to all parts of the Kingdom & also to the eastern shores of the North Sea. The wind is Southerly in Sweden & Denmark, but in our islands & the north of France it has veered to N.W. or N., & in our western & northern coasts it blows strongly. The weather is at present fair generally, & in the course of yesterday showers fell in all places & thunderstorms, with hail, occurred in many parts of Great Britain. Temperature has fallen a little in most places & readings range from 60° at Valencia to 49° at Lough Head & Wick. The highest maxima registered yesterday were 69° at Cambridge & 68° in London & at Portsmouth. The sea is rather rough on exposed parts of our western & northern coasts, moderate to smooth elsewhere.

The barometer still rises steadily in the west, & Northerly breezes, with cool, but generally fair weather, are therefore likely to continue in most places.

FORECASTS

For the 24 hours ending at NOON on 26th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N ^{ly} or N.W. winds, fresh; fair on the whole, but some showers.	6 { SCOTLAND WEST	N ^{ly} winds, moderate; fair generally
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	N ^{ly} or N.W. winds, fresh; fair generally
3 { ENGLAND EAST	Same as N ^o 5.	9 { IRELAND NORTH	-----D-----D-----D-----
4 { MIDLAND COUNTIES	Same as N ^o 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	N ^{ly} winds, moderate; fair on the whole, but probably some showers.	WARNINGS	None Issued

YESTERDAY'S 2 P.M. REPORTS AND REMARKS

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.41	59	55	NW	2	A	3	Valencia	29.90	59	57	NW	5	o/p	5
Sumburgh Head	29.48	58	52	NW	5	C	5	Scilly	29.90	59	56	NW	6	cp	6
Stornoway	29.69	55	50	NW	5	C	2	Dunfermess	29.79	64	59	NW	6	bc	6
Aberdeen	29.58	57	55	NW	4	C	1	London	29.73	66	57	NW	4	c	*
Shielis	29.54	61	55	NW	3	C	2	Yarmouth	29.66	67	57	NW	4	bc	2
Ardrossan	29.58	60	56	NW	3	bc	2	Jersey	29.90	63	58	N	5	bc	5
Mullaghmore	29.69	61	57	NW	5	bc	5	Rochefort	30.11	76	61	NW	5	C	2
Holyhead	29.67	58	55	NW	5	C	3								

REMARKS.

The barometer continues to fall slightly in the east and southeast of England, but is rising elsewhere. The winds are very little changed and showery weather is still reported in many places. A thunderstorm, with hail, occurred in London about 11.30 am. The sea is rough on the more exposed parts of our coasts.

DAILY WEATHER REPORT

for Saturday 26th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

ISSUED BY THE METEOROLOGICAL OFFICE, LONDON, ON 10 SEPTEMBER 1904.																		
YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.	
STATIONS.	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force, (0 to 12).		Reading at 8 a.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force, (0 to 12).			Max.	Min.		
Haparanda	29.75	57	SE	2	0	29.76	+ 10	60	59	+ 1	E	2	0	*	63	54	0.04	
Hernösand ...	29.67	56	S	2	0	29.76	+ 10	55	54	- 3	SSW	2	0	*	64	52	-	
Stockholm ...	29.71	59	SSW	2	0	29.75	+ 0.2	62	57	- 2	SW	2	0	*	72	56	-	
Wisby ...	29.73	58	W	4	0	29.75	+ 0.4	62	57	- 1	NW	4	0	*	70	55	-	
Bodö ...	29.48	60	Z	0	0	29.53	+ 15	59	56	+ 4	SE	2	0	*	68	52	0.16	
Christiansund ...	29.44	54	WSW	3	0	29.53	+ 28	52	50	- 7	S	1	0	1	59	48	0.08	
Skudesnaes ...	29.77	52	WNW	6	0	29.84	+ 24	51	48	- 4	W	4	0	4	63	50	-	
Oxö (Kauasund) ...	29.65	58	WNW	4	0	29.82	+ 24	54	49	- 1	WSW	6	0	2	63	50	-	
Skagen (The Skaw) ...	29.73	57	SW	2	0	29.78	+ 16	57	51	- 1	WNW	5	0	4	68	52	0.16	
Fanö ...	29.84	54	NW	4	0	29.97	+ 24	57	52	0	WNW	4	0	*	64	52	0.08	
Cuxhaven ...	29.73	63	WNW	3	0	29.91	+ 25	61	56	+ 1	WNW	3	0	*	7	54	0.06	
Sumburgh Head ...	29.79	48	NW	4	0	29.84	+ 15	48	46	- 1	NW	4	0	3	51	44	0.01	
Stornoway ...	29.98	53	WNW	5	1	29.93	- 0.1	54	50	+ 3	S	2	0	1	56	42	0.01	
Wick ...	29.94	52	NW	4	0	29.92	+ 0.7	50	48	+ 1	WNW	2	0	1	54	40	0.05	
Nairn ...	29.99	54	NW	3	0	29.95	+ 0.8	52	48	+ 2	W	2	0	2	57	44	0.02	
Aberdeen ...	29.95	57	WNW	4	0	29.96	+ 0.9	58	51	+ 7	WNW	1	0	2	68	41	0.03	
Leith ...	29.98	61	NW	1	0	29.98	+ 0.7	54	49	- 2	NW	1	0	*	65	44	0.01	
Shields ...	30.00	54	SSW	2	0	30.01	+ 12	53	50	- 2	W	2	0	3	58	45	0.05	
Spurn Head ...	30.02	55	N	4	0	30.07	+ 2.1	54	51	- 1	W	4	0	5	58	50	0.07	
York ...	30.03	57	W	1	0	30.07	+ 1.5	51	49	- 3	SW	1	0	*	64	44	0.01	
Loughborough ...	30.05	59	WNW	4	0	30.10	+ 1.7	54	52	- 2	SSW	1	0	4	63	45	0.03	
Ardrossan ...	30.05	57	WNW	4	0	29.98	+ 0.2	53	51	- 1	SSW	1	0	1	60	48	0.12	
Mullaghmore ...	30.14	56	NW	4	0	29.85	- 2.6	50	49	- 6	SSW	5	0	4	59	46	0.50	
Donaghadee ...	30.11	58	N	4	0	29.98	- 0.4	52	51	- 2	SSW	1	0	0	61	45	0.08	
Parsonstown ...	30.17	61	WSW	2	0	29.90	- 2.5	52	50	0	SE	1	0	*	63	49	0.17	
Barrow-in-Furness ...	30.06	57	WNW	4	0	30.04	+ 1.3	55	51	+ 1	S	2	0	3	60	52	0.02	
Holyhead ...	30.13	58	WNW	4	0	30.02	+ 0.2	51	49	- 4	SSW	4	0	4	61	51	0.08	
Liverpool (Bidston) ...	30.08	57	WNW	5	0	30.04	+ 1.0	54	51	+ 2	SSW	1	0	2	59	49	0.13	
Valencia ...	30.23	57	WSW	3	0	29.88	- 3.3	59	58	- 1	WSW	5	0	6	64	52	0.52	
Roche's Point ...	30.20	61	WNW	3	0	29.88	- 2.5	58	57	+ 2	SSW	5	0	4	65	51	0.18	
Pembroke ...	30.17	58	WNW	3	0	30.07	+ 0.3	54	50	- 1	SW	5	0	3	58	54	0.02	
Scilly ...	30.23	59	NW	4	0	30.10	+ 0.1	56	54	- 1	SSW	5	0	5	60	53	0.11	
Prawle Point ...	30.16	60	NW	2	0	30.19	+ 1.9	55	52	- 3	SSW	1	0	1	67	48	-	
Hurst Castle ...	30.08	61	WNW	3	0	30.17	+ 2.3	56	53	- 3	WSW	1	0	1	67	45	0.19	
Dungeness ...	30.06	57	SSW	1	0	30.16	+ 2.7	56	51	- 3	WNW	1	0	2	65	44	0.25	
London ...	30.07	57	WNW	3	0	30.16	+ 2.4	57	50	- 2	WSW	2	0	*	66	42	-	
Oxford ...	30.12	58	WSW	2	0	30.14	+ 2.1	54	51	- 1	SSW	2	0	*	62	44	0.03	
Cambridge ...	30.08	54	NW	1	0	30.12	+ 2.0	56	51	- 1	W	1	0	*	67	42	0.09	
Yarmouth ...	30.01	58	WNW	3	0	30.09	+ 2.5	55	51	- 2	W	3	0	2	61	47	0.01	
The Helder ...	29.96	58	WNW	3	0	30.08	+ 3.3	58	52	0	NW	1	0	3	61	55	0.16	
Cape Griz Nez ...	?	60	NE	3	0	?	?	55	53	- 2	W	3	0	2	68	56	0.08	
Jersey ...	30.13	60	WNW	5	0	30.21	+ 1.2	58	52	0	W	2	0	2	63	51	-	
Brest ...	30.25	59	N	5	0	30.25	+ 1.9	57	52	+ 2	SSW	3	0	4	63	53	-	
Lorient ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Rochefort ...	30.22	64	NW	7	0	30.31	+ 1.4	57	53	- 4	NNE	4	0	2	68	46	-	
Biarritz ...	29.92	63	NW	5	0	30.27	+ 0.9	60	61	- 2	S	3	0	2	79	59	-	
Coronna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Brussels ...	?	?	?	?	?	30.15	- 2.5	57	51	- 1	WSW	1	0	*	63	49	0.04	
Charleville ...	29.93	59	SSW	5	0	30.13	+ 2.0	53	50	- 2	WNW	4	0	*	64	43	0.20	
Paris ...	30.04	62	W	4	0	30.22	+ 2.5	58	53	- 3	W	1	0	*	?	?	-	
Lyons ...	30.04	63	NW	3	0	30.21	+ 1.2	56	52	- 2	WNW	3	0	*	69	51	-	
Toulon ...	30.07	70	NW	7	0	30.15	+ 0.4	57	50	- 6	NW	7	0	5	73	50	-	

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by Burgess & Co. Ltd. London.

WEATHER CHARTS

for 8 a.m. on Saturday, 26th JULY.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

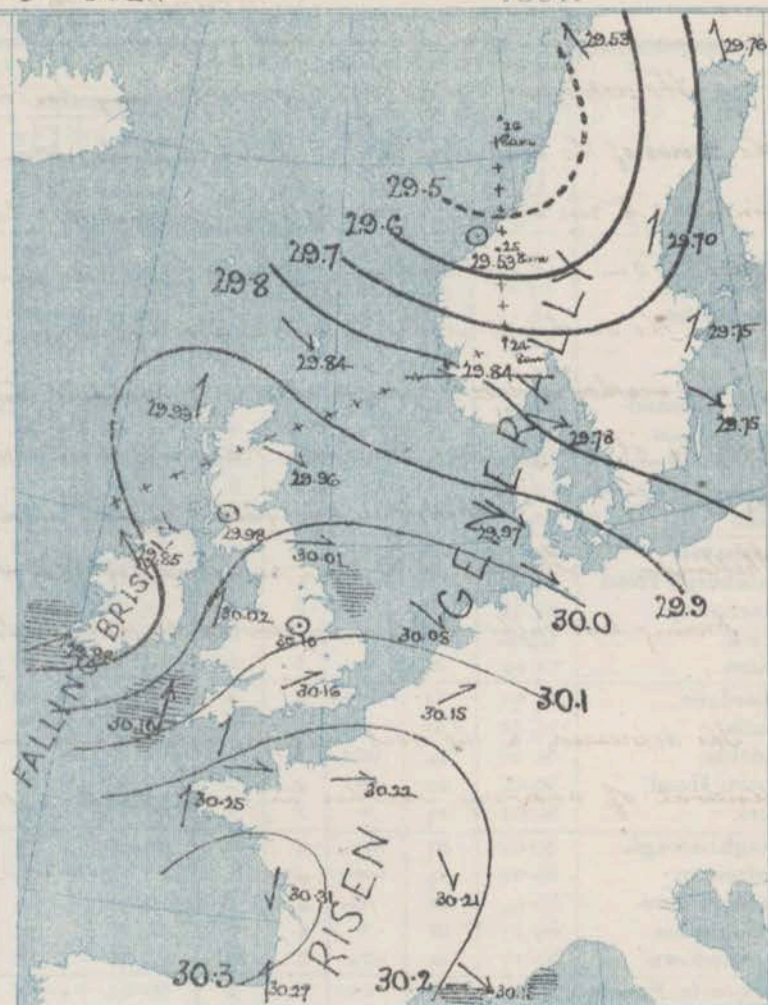
Sea Disturbance — where considerable is shown thus

— Rough. — High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head.	29.827
Stornoway.	29.799
Wick.	29.613
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrrossan.	29.864
Donaghadee.	29.876
Holyhead.	29.919
Liverpool.	29.910
Valencia.	29.944
Roches Point.	29.940
Pembroke.	29.942
Scilly.	29.986
Burst Castle.	29.961
Dover.	29.959
LONDON.	29.955
Oxford.	29.941
Cambridge.	29.937
Yarmouth.	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

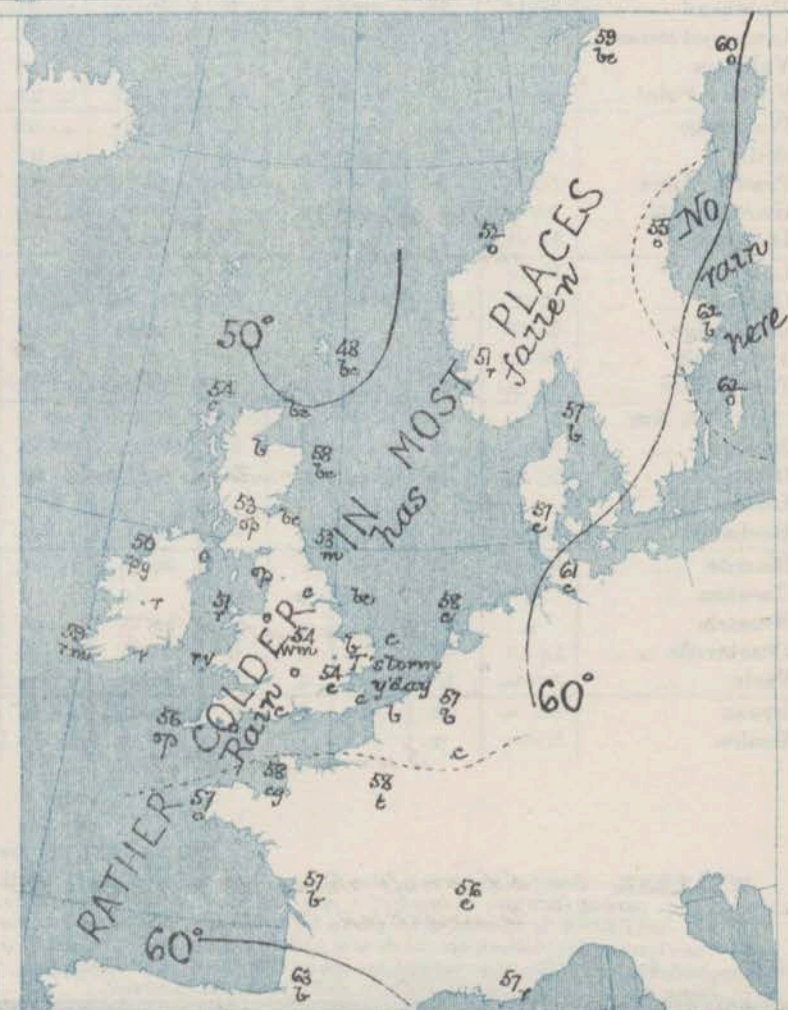
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	53.7	52.2	2.08
Stornoway	56.4	55.3	3.00
Wick	56.2	55.9	2.19
Nairn	57.4	56.7	2.55
Aberdeen	57.9	56.4	2.40
Leith	58.1	55.9	2.62
Shields	58.8	56.5	2.56
York	59.2	56.6	2.41
Ardrrossan	57.8	55.4	2.82
Donaghadee	57.7	55.9	2.66
Holyhead	56.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	58.0	56.2	3.59
Roches Point	59.1	56.0	3.07
Pembroke	58.6	56.2	2.12
Scilly	60.3	58.2	1.96
Burst Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.92
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	1.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



for Saturday 26th July 1884, at 8 a.m.

The weather is dull & rainy in the west & south-west, but generally fine elsewhere. Thunderstorms occurred yesterday at Amegness & Cambridge & distant thunder was heard at Hurst Castle, while showers fell in other parts of the country. Temperature has fallen slightly in most places & reading, range from 53° at Valencia to 48° in the Shetlands. The highest maxima registered yesterday were 67° at Fowls Point, Hurst Castle & Cambridge & 66° in London. During last night the thermometer on the grass in London fell to 32°. The sea is rough in the south-west.

The depression in the west will probably advance in an easterly or eastnorthwesterly direction to occasion a renewal of showery weather in most parts of the Kingdom.

for the 24 hours ending at NOON on 27th July 1884.
(Issued at 11 a.m. on the previous day.)

Frederick Hangerfield, Lith. London, (131)

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.69	56	51	WNW	6	0	+	Valencia	30.26	63	59	WNW	2	be	3
Sumburgh Head	29.77	50	48	NW	5	0	5	Scilly	30.19	59	53	WNW	6	be	6
Stornoway	29.98	58	49	N	4	be	4	Dungeness	29.99	61	56	SSE	2	oth	3
Aberdeen	29.94	56	53	WNW	4	c	2	London	30.00	63	53	WNW	3	c	*
Shields	29.96	55	50	ESE	3	c	4	Yarmouth	29.97	58	52	WNW	4	c	3
Ardrossan	30.03	60	63	WNW	4	6	3	Jersey	30.09	63	55	NW	5	be	4
Mullaghmore	30.16	59	54	WNW	5	ev	4	Rocheport	30.18	66	58	NW	5	be	2
Holyhead	30.11	59	53	NW	5	be	4								

REMARKS.

The barometer continues to rise generally, with moderate to fresh breezes from the NW. The weather is fair in most places, but a thunderstorm is reported at Dungeness. The sea is rough at Scilly and Sumburgh Head, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Sunday 27th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.				
			Dirac.	Force. (0 to 12).		Reading at 7 th P.M. and Sea Level.	Difference from 8 A.M. yesterday.	Dry.	Wet.	Difference from 8 A.M. yesterday.	Dirac.	Force. (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.	
Haparanda	29.73	56	—	—	c	29.74	— 02	63	59	+ 3	SE	2	c	—	63	55	—	
Hernösand ...	29.72	55	2	0	c	29.71	+ 01	56	54	+ 1	NW	2	c	—	56	52	—	
Stockholm ...	29.77	56	2	0	c	29.79	+ 04	60	55	— 2	W	2	bc	—	72	54	—	
Wisby ...	29.78	59	SW	4	bc	29.81	+ 03	57	53	— 5	W	6	bc	—	66	55	—	
Bodö ...	29.74	56	NW	2	c	29.71	+ 18	55	54	— 4	W	0	c	—	61	50	—	
Christiansund ...	29.65	53	W	4	c	29.74	+ 21	57	50	— 1	WSW	5	h	4	54	46	0.28	
† Skudesnaes ...	29.87	52	WNW	2	c	29.89	+ 05	57	49	+ 3	WNW	4	o	3	55	52	—	
Oxö (Ålansund) ...	29.82	55	W	4	bc	29.84	+ 02	52	48	— 2	WSW	4	c	2	59	48	—	
Skagen (The Skaw)	29.82	54	WNW	5	c	29.83	+ 05	57	50	— 0	W	4	bc	4	61	52	—	
Fanö ...	29.97	54	WNW	4	c	29.93	— 04	64	57	+ 7	WSW	2	bc	—	64	50	0.04	
Cuxhaven ...	30.02	67	WNW	2	c	29.92	+ 01	61	57	— 0	S	1	c	—	—	50	—	
† Sumburgh Head	29.87	49	NW	3	c	29.90	+ 06	50	48	+ 2	N	2	o	2	52	42	—	
† Stornoway ...	29.88	57	ENE	4	c	29.97	+ 04	54	48	— 0	E	4	bc	2	58	43	0.07	
Wick ...	29.90	54	W	0	bc	29.98	+ 06	52	48	+ 2	NW	1	o	1	58	36	0.03	
Nairn ...	29.86	58	ENE	3	bc	29.95	— 00	54	50	+ 2	ENE	1	bc	1	63	39	—	
† Aberdeen ...	29.90	55	SSE	2	bc	29.96	— 00	57	52	— 1	NE	1	bc	2	61	39	—	
Leith ...	29.86	56	S	1	c	29.89	— 09	53	51	— 1	E	3	o	—	59	40	—	
† Shields ...	29.91	53	S	2	h	29.82	— 19	54	53	+ 1	ENE	2	h	4	57	51	0.09	
Spurn Head ...	29.95	55	S	4	h	29.78	— 29	56	55	+ 2	W	0	c	4	59	51	0.14	
York ...	29.93	53	SE	1	h	29.79	— 28	54	53	+ 3	NNE	1	o	—	60	50	0.45	
Loughborough ...	29.93	53	S	2	h	29.78	— 32	58	56	+ 4	W	2	ogmp	—	60	52	0.16	
† Ardrossan ...	29.84	55	E	2	o	29.88	— 10	55	52	+ 2	ENE	2	c	1	58	50	0.18	
† Mullaghmore ...	29.75	58	WNW	5	c	29.87	+ 02	58	56	+ 8	NNE	4	o	3	61	50	0.37	
Donaghadee ...	29.83	57	SSW	3	h	29.87	— 11	53	52	+ 1	ENE	3	h	1	55	50	0.29	
Parsonstown ...	29.83	60	W	2	o	29.91	+ 01	55	54	+ 3	WNW	1	o	—	64	51	0.17	
Barrow-in-Furness	29.81	53	SE	4	h	29.80	— 24	54	53	— 1	NE	1	o	2	56	51	0.42	
† Holyhead ...	29.78	59	SW	3	c	29.82	— 20	57	55	+ 6	NW	3	o	3	59	51	0.47	
Liverpool (Bishop)	29.81	54	SW	4	o	29.78	— 26	57	55	+ 3	W	3	o	3	58	51	0.32	
Valencia ...	29.93	59	W	4	o	30.01	+ 13	60	58	+ 1	W	4	bc	5	64	54	0.11	
Roche's Point ...	29.90	61	WNW	4	c	29.92	+ 04	56	54	— 2	NNW	5	ep	4	64	50	0.15	
Pembroke ...	29.82	59	W	6	o	29.84	— 28	55	53	+ 1	WNW	5	ogp	4	60	53	0.15	
† Scilly ...	29.95	60	W	5	o	29.91	— 19	58	55	+ 2	WNW	6	ep	6	61	55	0.30	
Prawle Point ...	29.93	56	SSW	6	h	29.90	— 29	56	55	— 1	WSW	3	o	2	57	50	0.17	
Hurst Castle ...	30.01	55	SW	5	c	29.84	— 33	60	57	+ 4	WNW	5	c	3	63	55	0.26	
† Dungeness ...	30.06	?	SSW	3	o	29.82	— 34	59	58	+ 3	W	2	o	3	62	56	0.06	
† London ...	30.00	56	SW	2	oh	29.83	— 33	59	53	+ 5	W	3	o	—	63	53	0.51	
Oxford ...	29.92	52	SE	2	h	29.81	— 33	57	55	+ 3	W	1	og	—	60	52	0.30	
Cambridge ...	29.99	54	W	1	h	29.79	— 33	60	58	+ 4	W	1	o	—	64	50	0.07	
Yarmouth ...	30.00	61	S	3	c	29.78	— 31	58	56	+ 3	WNW	1	c	3	63	51	0.12	
The Helder ...	29.09	57	W	1	—	29.87	— 21	56	53	— 2	SSE	1	h	1	63	56	0.08	
Cape Griz Nez ...	?	59	SW	5	c	?	?	59	50	+ 4	WSW	8	—	5	63	55	0.20	
† Jersey ...	30.05	53	SW	4	h	29.98	— 28	55	57	— 0	W	5	on	5	62	54	0.27	
Brest ...	30.08	58	SW	4	h	30.02	— 23	58	57	+ 1	WNW	4	o	4	63	52	0.08	
Lorient ...	30.16	59	WSW	4	m	30.03	— 18	58	56	— 2	WNW	5	o	4	64	50	0.08	
† Rochefort ...	30.26	65	W	3	c	30.13	— 18	63	62	+ 6	W	8	h	3	68	65	0.08	
Biarritz ...	30.23	66	W	4	c	30.19	— 08	63	57	— 0	SW	4	bc	2	68	57	—	
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	
Brussels ...	?	?	?	?	?	29.90	— 25	56	53	— 1	SSW	5	h	—	66	54	0.04	
Charleville ...	?	?	?	?	?	29.93	— 20	55	53	+ 2	S	5	o	—	68	?	—	
Paris ...	30.14	65	W	3	bc	29.93	— 23	59	57	+ 1	W	4	o	—	?	?	0.12	
Lyons ...	30.17	65	WNW	21	bc	30.13	— 08	56	52	— 0	SE	1	c	—	67	51	—	
Toulon ...	30.16	66	NW	7	bc	30.20	+ 05	66	55	+ 9	NW	4	bc	3	71	57	—	

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER CHARTS

for 8 a.m. on SUNDAY 27th JULY

1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

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

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

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

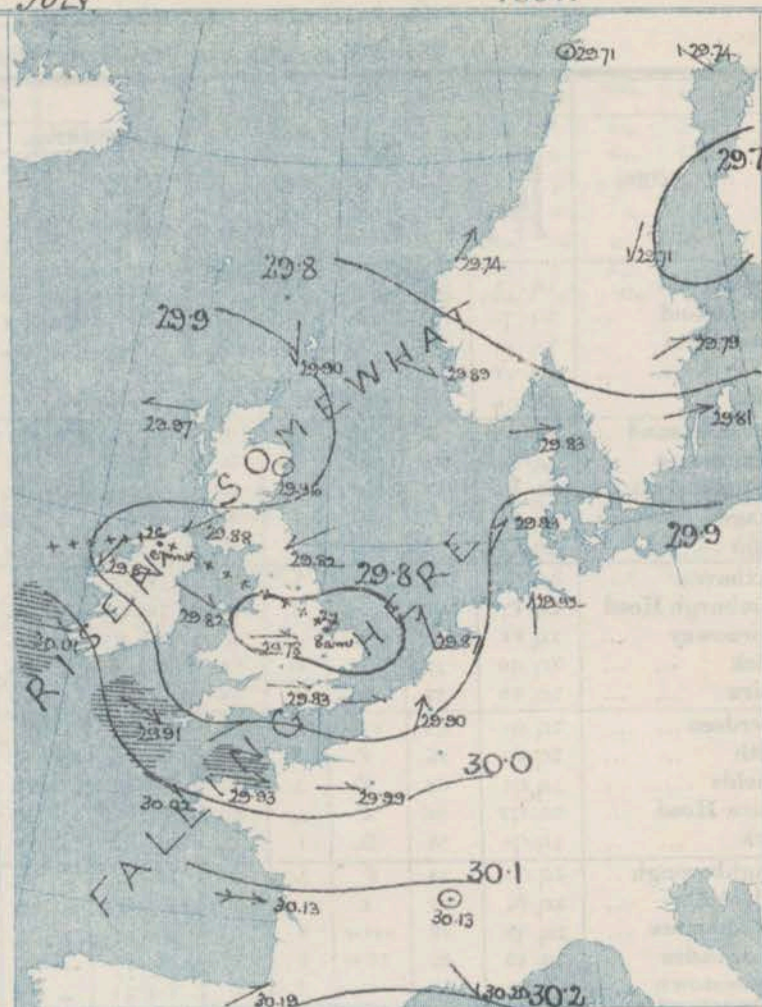
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.861
Donaghadee	29.878
Holyhead	29.819
Liverpool	29.810
Valencia	29.844
Roche's Point	29.840
Pembroke	29.842
Selly	29.886
Hurst Castle	29.861
Dover	29.859
LONDON	29.855
Oxford	29.841
Cambridge	29.837
Yarmouth	29.834



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

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 AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	55.7	52.2	2.06
Stornoway	56.4	54.3	3.00
Wick	56.2	53.9	2.19
Nairn	57.4	56.1	2.55
Aberdeen	57.9	54.4	2.60
Leith	58.1	55.9	2.62
Shields	58.8	55.5	2.66
York	59.7	56.5	2.41
Ardrossan	57.8	54.4	2.82
Donaghadee	57.7	55.9	2.66
Holyhead	55.3	56.1	2.19
Liverpool	58.8	56.1	3.01
Valencia	59.0	56.2	3.69
Roche's Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Selly	60.3	58.2	1.96
Hurst Castle	61.7	58.2	2.31
Dover	62.0	58.2	1.92
LONDON	62.5	58.6	2.36
Oxford	60.4	57.1	2.60
Cambridge	61.3	58.0	2.41
Yarmouth	61.4	58.4	2.62

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Sunday 27th July* 1884, at 8 a.m.

The depression which lay over the west of Ireland yesterday morning has advanced eastwards & now lies over central & eastern England. The barometer has therefore fallen decidedly at all our eastern, central & southern stations, while in Ireland & Scotland it has risen slightly. The wind is light from N.E. on our northern coasts & moderate from N or N.W. in the west, but at our southern & the French stations it is generally westerly, while in the Netherlands it is southerly.

The weather is fine on the eastern shores of the North Sea, as well as in Scotland & the south of France, but elsewhere it is very unsettled & showery. Since yesterday rain has fallen in nearly all parts of the Kingdom. Temperature has risen a little over England & France & readings now range from 60° at Hurst Castle, Valencia & Cambridge to 50° in the Shetlands. During yesterday the thermometer did not reach 65° in any part of our islands. The sea is rather rough in the southwest & south, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 28th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

Issued

None

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

Issued

None

WARNINGS

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	29.88	55	51	WNW	4	C	4	Valencia	29.91	63	61	W	5	c p	5
Sumburgh Head	29.86	50	48	NW	3	C	3	Scilly	29.92	58	58	Z	0	A	5
Stornoway	29.90	58	52	S	3	C	2	Dungeness	30.13	61	54	SW	3	C	2
Aberdeen	29.92	57	52	SSE	3	C	2	London	30.08	61	54	SEW	3	c p	*
Shields	29.94	54	52	SSW	2	A	3	Yarmouth	30.06	62	53	N	3	bo	2
Ardrossan	29.84	58	55	SSE	1	O	1	Jersey	30.14	61	54	SW	3	0	3
Mullaghmore	29.78	60	57	NNE	1	C	1	Rochefort	30.31	67	58	WNW	4	bo	2
Holyhead	29.95	55	54	S	5	N	4								

REMARKS.

The shallow depression in the west has passed inland over central Ireland, and the barometer is inclined to rise a little at Valencia, with somewhat improved weather. Showers have fallen during the day over the greater part of England and Ireland. The sea is rough in the southwest, moderate or slight elsewhere.

DAILY WEATHER REPORT

for *Monday 28th July 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12)		Reading at 3 p.m. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12)		Weather.	Max.	Min.	Amount of Rainfall.		
Häparanda	29.64	53	W	4	A	29.77	+ .03	54	54	- 9	S	2	0	*	63	48	0.16		
Hernösand	29.77	56	W	0	B	29.87	+ .10	57	50	+ 7	NW	4	0	*	68	52	-		
Stockholm	29.86	58	W	2	B	29.91	+ .05	58	54	- 4	SW	2	0	*	66	52	-		
Wisby	29.84	57	W	4	B	29.91	+ .07	59	53	+ 6	WNW	4	0	*	66	55	-		
Bodö	29.72	55	W	0	O	29.74	+ .02	51	50	- 1	WSW	2	0	*	61	50	0.28		
Christiansund	29.89	49	WSW	4	O	29.94	+ .05	49	46	- 3	W	3	0	4	52	45	0.12		
Skudesnes	29.96	54	NW	4	C	30.01	+ .05	52	49	- 3	NW	2	0	2	57	51	-		
Oxö (Xtiansund)	29.86	60	W	4	B	29.93	+ .07	55	50	+ 5	WNW	2	0	2	57	52	-		
Skagen (The Skaw)	29.89	55	W	4	B	29.92	+ .03	59	55	+ 4	W	4	0	3	61	48	-		
Fanö	29.45	56	W	4	C	30.01	+ .06	56	52	- 4	NNE	4	0	*	64	54	-		
Cuxhaven	29.85	61	E	2	B	?	?	64	60	+ 4	S	1	0	*	53	53	-		
† Sumburgh Head	29.98	50	N	2	B	30.02	+ .04	48	46	- 2	NW	1	0	2	52	44	-		
† Stornoway	30.05	53	E	3	B	30.02	+ .03	52	48	- 4	S	1	0	1	57	43	-		
Wick	30.04	52	N	1	O	30.03	+ .01	54	51	+ 3	E	1	0	0	56	45	-		
Nairn	30.02	54	NNE	3	B	30.03	+ .01	53	49	- 4	NW	2	0	2	59	42	-		
† Aberdeen	30.05	54	NNE	1	B	30.06	+ .01	56	53	- 3	S	3	0	2	60	40	-		
Leith	30.03	56	E	3	B	30.07	+ .04	58	52	- 6	NW	1	0	*	60	48	-		
† Shields	29.98	54	NNE	4	A	30.10	+ .12	55	51	+ 4	WSW	1	0	4	56	44	0.06		
Spurn Head	29.90	59	N	5	C	30.12	+ .22	57	53	+ 4	NNE	4	0	4	60	53	-		
York	29.95	60	NNE	1	O	30.13	+ .18	55	52	+ 3	NNE	1	0	*	60	46	0.02		
Loughborough	29.91	60	N	2	O	30.14	+ .23	58	55	+ 3	N	3	0	3	65	51	0.01		
† Ardrossan	30.02	62	W	1	C	30.07	+ .05	53	51	- 2	ESE	1	0	1	63	48	-		
† Mullaghmore	30.05	60	NW	2	B	29.99	+ .06	55	54	- 1	S	5	0	3	63	54	0.40		
Donaghadee	30.05	57	NNE	3	B	30.08	+ .03	55	54	+ 1	E	2	0	0	62	47	-		
Parsonstown	30.06	64	W	1	B	30.10	+ .04	55	54	+ 1	S	1	0	0	67	54	0.30		
Barrow-in-Furness	29.95	60	NNE	2	C	30.11	+ .16	56	53	+ 3	E	3	0	3	62	51	-		
† Holyhead	30.00	60	N	3	B	30.11	+ .11	57	56	+ 1	SSW	2	0	2	64	53	0.01		
Liverpool (Bulston)	29.97	61	N	2	O	30.12	+ .15	57	53	+ 4	SE	1	0	2	63	52	-		
† Valencia	30.16	59	NW	4	O	30.13	+ .03	59	59	+ 1	WSW	4	0	5	64	55	0.02		
Roche's Point	30.11	61	WNW	4	B	30.17	+ .06	57	56	+ 1	WSW	3	0	4	65	54	0.01		
Pembroke	30.02	58	WNW	3	C	30.14	+ .12	57	56	+ 1	W	1	0	2	61	54	0.01		
† Scilly	30.05	61	NW	5	B	30.19	+ .14	59	57	+ 2	W	2	0	5	62	56	-		
Prawle Point	29.98	61	NW	4	B	30.19	+ .21	57	54	+ 3	WSW	1	0	1	64	52	0.15		
Hurst Castle	29.90	63	NW	3	B	30.15	+ .25	58	51	- 7	NNE	1	0	2	65	51	0.20		
† Dunagness	29.84	62	W	2	C	30.08	+ .24	59	55	+ 4	NW	3	0	2	65	53	0.28		
† London	29.88	61	NW	2	C	30.12	+ .24	56	54	- 2	WNW	2	0	*	67	53	0.17		
Oxford	29.97	59	NW	2	O	30.14	+ .17	57	54	+ 3	WNW	1	0	*	66	53	0.08		
Cambridge	29.93	55	W	1	O	30.12	+ .19	60	58	+ 2	N	1	0	*	67	51	0.08		
† Yarmouth	29.83	62	WNW	2	B	30.05	+ .22	60	57	+ 3	N	4	0	3	63	56	0.11		
The Helder	29.84	60	ESE	1	A	29.96	+ .08	60	57	+ 3	NNE	1	0	1	64	55	-		
Cape Griz Nez	?	59	W	5	C	?	?	58	56	- 2	N	7	0	5	66	55	0.04		
† Jersey	29.96	60	NW	5	B	30.17	+ .21	59	57	+ 2	N	2	0	3	61	55	0.14		
Brest	30.09	60	WNW	4	B	30.25	+ .16	59	57	+ 2	NW	4	0	4	63	57	-		
Lorient	30.05	60	WNW	7	C	30.24	+ .19	58	56	+ 2	NW	7	0	2	64	54	-		
† Rochefort	30.11	66	NW	8	O	30.23	+ .12	61	58	- 3	WNW	7	0	3	70	55	0.24		
Biarritz	30.19	66	NW	5	C	30.25	+ .06	65	60	+ 5	WNW	5	0	2	70	63	-		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.98	+ .08	60	58	+ 2	NW	1	0	*	63	50	0.12		
Charleville	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Paris	29.90	56	W	4	O	30.11	+ .21	61	59	+ 2	W	4	0	*	*	*	0.12		
Lyons	30.03	55	E	1	A	30.09	+ .06	55	53	- 2	WNW	1	0	*	65	52	0.47		
Toulon	30.14	66	SSW	5	O	30.11	+ .03	59	52	- 7	NW	7	0	5	75	52	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dargersfield 14th London.

WEATHER

CHARTS

for 8 a.m. on Monday

28th JULY

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

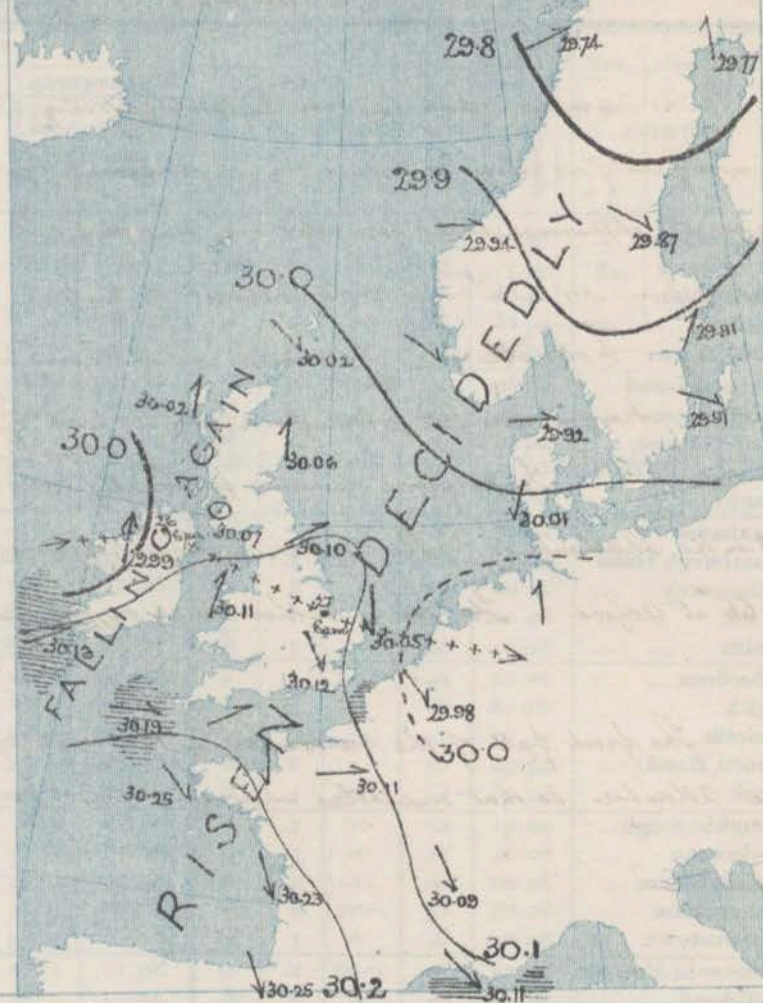
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — force above 10, — force 8 to 10,
 — force 5 to 7, — force 1 to 4,
 ⊙ — dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.
 During the 10 Years 1871–1880.

STATIONS.	MEAN READINGS
Swanage Head.	29.827
Stornoway.	29.799
Wick.	29.813
Nairn.	29.824
Aberdeen.	29.829
Leith.	29.848
Shields.	29.873
York.	29.902
Ardrossan.	29.861
Donaghadee.	29.878
Holyhead.	29.874
Liverpool.	29.910
Valencia.	29.944
Rock's Point.	29.940
Pembroke.	29.942
Selly.	29.986
Hurst Castle.	29.981
Dover.	29.959
LONDON.	29.965
Oxford.	29.941
Cambridge.	29.937
Yarmouth.	29.924



REMARKS.

for *Monday 28th July 1884.* at 8 a.m.

The depression which lay over England yesterday has moved away in an easterly direction & the barometer has risen decidedly in most parts of our islands & France. On our extreme western coasts, however, a fresh fall has set in during the night & the general appearance is therefore still very unsettled. The wind is moderate from N. on the eastern shores of the North Sea, & from NW. in France & the southeast of England, but in Ireland it has backed to SW. or S., while in Scotland it is light & variable. The weather is dull & rainy at several of our western stations, but fine in the north and east. Heavy showers fell yesterday in nearly all parts of England, a thunderstorm occurred in London & thunder was heard at Oxford. Temperature remains practically unchanged & readings now range from 60° at Cambridge to 48° in the Shetlands. The highest maxima registered yesterday were 64° at Looe, London & Cambridge & 66° at Oxford. The sea is rather rough on our extreme southwest coasts, moderate to smooth elsewhere.

The fresh fall of the barometer in the west appears to indicate the approach of another depression from the Atlantic so that unsettled showery weather is likely to continue in nearly all parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 29th July 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Tight & somewhat variable breezes; fine to unsettled & rainy	6 { SCOTLAND WEST	Tight variable breezes; dull, some rain.
1 { SCOTLAND EAST	7 { ENGLAND N.W.	SH ^{ly} winds, moderate or fresh; cloudy, rain at times
2 { ENGLAND N.E.	Same as N° 5	8 { ENGLAND S.W.
3 { ENGLAND EAST	Same as N° 5	9 { IRELAND NORTH	SH ^{ly} to N ^{ly} winds, fresh; rain at times
4 { MIDLAND COUNTIES	Same as N° 5	10 { IRELAND SOUTH
5 { ENGLAND SOUTH	N ^{ly} to N ^{ly} or SH ^{ly} breezes, moderate; fair to unsettled & showery	WARNINGS	None Issued

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.95	57	53	WNW	6	C	3	Valencia					
Sumburgh Head								Scilly					
Stornoway								Dungeness					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Rochefort	30.12	65	61	WNW	7
Holyhead													4

REMARKS.

*Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 20th to the 26th July 1884*

The weather during this week has been showery & changeable in all parts of the country. For some time the showers were very slight over our Southern & South-eastern counties, but on the last day of the week a steady fall of rain had set in over those regions, & continued in progress till its close. Temperature has been below the average throughout, especially since Thursday. During the early hours of Saturday the thermometer sank to between 42° & 45° in the shade over the inland parts of England; in the south of London (where the minimum in the screen was 42°) the temperature on the grass went down to 32°. The clouds have been heavy, the amount of bright sunshine small, the winds variable & at times strong, and, latterly thunderstorms prevailed in the south and east. The distribution of pressure has been somewhat complex throughout & small shallow disturbances numerous. On Wednesday night a well formed depression travelled quickly across Scotland in an east-north-easterly direction, and on Saturday night another one advanced over our north-western & midland counties from west-north-west, producing the steady rain over our Southern counties to which reference has been made above.

DAILY WEATHER REPORT

for *Tuesday* 29th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

	† 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	29.87	54	Z	0	c	29.89	+12	60	56	+6	Z	0	c	*	?	46	-		
Hernösand ...	29.95	55	Z	0	c	29.99	+12	55	50	-2	NW	2	c	*	70	45	-		
Stockholm ...	29.94	53	WSW	2	c	29.99	+08	68	58	+5	Z	0	c	*	68	52	-		
Wisby ...	29.90	59	SW	4	c	29.93	+02	61	58	+2	N	2	c	*	68	55	-		
Bodö	29.88	52	W	2	c	29.98	+24	53	52	+2	Z	0	c	*	54	50	0.08		
Christiansund ...	30.00	49	NW	2	c	30.02	+08	51	47	+2	NE	3	c	3	?	43	0.08		
† Skudésnaes ...	30.01	52	NW	2	c	29.98	-03	52	48	0	NW	6	c	3	55	52	-		
Oxö (Ådönsund) ...	29.91	55	WSW	6	c	29.90	-03	54	50	-1	W	4	c	2	59	52	-		
Skagen (The Skaw)	29.96	54	WSW	2	c	29.91	-01	57	50	-2	WSW	4	c	4	63	52	-		
Fanö † ...	30.02	54	NW	2	c	30.01	00	55	53	-1	NNW	2	c	*	64	50	-		
Cuxhaven ...	29.92	59	NNE	1	c	29.93	?	60	56	-4	NNW	3	c	*	?	56	0.08		
† Sumburgh Head	30.02	52	NW	2	c	30.08	+06	53	49	+5	NNE	2	c	0	54	40	-		
† Stornoway ...	30.01	54	SE	3	c	30.02	00	55	52	+3	SEA	3	c	2	59	47	-		
Wick ...	30.01	54	ESE	2	c	30.09	+06	54	51	0	SEA	2	c	0	59	47	-		
Nairn ...	29.99	55	Z	0	c	30.05	+02	55	52	+2	Z	0	c	1	62	50	-		
† Aberdeen ...	29.99	59	W	2	c	30.08	+02	55	53	-1	ENE	2	c	3	62	51	0.03		
Leith ...	29.98	63	WSW	3	c	30.05	-02	55	54	-3	E	2	c	*	67	18	-		
† Shields ...	30.02	55	SEA	3	c	30.02	-08	58	55	+3	Z	0	om	2	61	53	-		
Spurn Head ...	30.08	59	SE	3	c	30.02	-10	58	57	+1	ESE	1	od	3	60	55	0.01		
York ...	30.06	57	S	1	c	30.04	-09	57	56	+2	N	1	c	*	65	54	0.03		
Loughborough ...	30.10	57	SW	1	c	30.03	-11	60	59	+2	NNW	3	ogd	*	68	55	0.07		
† Ardrossan ...	29.98	57	ENE	1	op	30.03	-04	59	56	+6	ENE	1	c	1	59	52	0.02		
† Mullaghmore ...	29.98	58	W	5	dm	30.06	+07	59	58	+4	W	4	om	3	59	55	0.73		
Donaghadee ...	29.96	57	S	1	c	30.04	-04	59	59	+4	W	1	c	0	59	54	0.39		
Parsonstown ...	30.05	61	W	1	c	30.11	+01	59	59	+4	SE	1	c	*	63	54	0.06		
Barrow-in-Furness	30.03	55	SE	3	c	30.01	-10	56	56	0	NE	2	c	3	60	55	0.26		
† Holyhead ...	29.99	57	SW	4	c	30.05	-06	60	59	+3	NNW	4	c	4	61	57	0.52		
Liverpool (Bidston)	30.01	57	SSW	2	c	30.04	-08	58	58	+1	N	2	c	3	63	56	0.21		
† Valencia ...	30.14	61	W	4	opm	30.15	+02	61	60	+2	NNW	2	c	2	64	58	0.02		
Roche's Point ...	30.11	63	NNW	4	c	30.13	-04	63	60	+6	NNW	3	c	3	69	55	-		
Pembroke ...	30.06	58	W	3	c	30.09	-05	58	58	+1	NNW	2	omp	2	59	56	0.12		
† Scilly ...	30.16	60	WSW	4	om	30.16	-03	60	59	+1	W	2	om	4	62	58	-		
Prawle Point ...	30.16	57	WSW	4	c	30.14	-05	58	57	+1	WSW	1	f	1	63	55	0.01		
Hurst Castle ...	30.14	58	W	2	c	30.08	-07	63	61	+5	NNW	3	c	2	67	56	0.13		
† Dungeness ...	30.10	62	SW	3	c	30.06	-02	60	60	+1	SW	4	m	4	66	57	0.05		
† London ...	30.12	62	NNW	2	op	30.06	-06	63	61	+7	NNW	2	c	*	70	55	0.09		
Oxford ...	30.12	56	SW	1	c	30.05	-09	63	61	+6	WSW	3	c	*	66	56	0.24		
Cambridge ...																			
† Yarmouth ...	30.10	61	NE	3	c	30.02	-03	58	57	-2	SSW	3	dm	3	64	56	0.95		
The Helder ...	30.09	59	NNE	1	c	30.06	+10	57	55	-3	SE	1	c	1	63	54	0.16		
Cape Griz Nez ...	?	62	NW	1	c	?	?	39	39	+1	W	5	c	4	70	57	0.04		
† Jersey ...	30.19	50	NNW	3	c.g	30.14	-03	59	59	0	NW	4	opm	3	64	57	0.14		
Brest ...	30.25	61	WSW	3	c	30.21	-04	60	57	+1	NW	3	c	3	64	57	-		
Lorient ...	30.23	61	NW	7	c	30.21	-03	59	58	+1	NW	4	c	2	68	54	-		
† Rochefort ...	30.26	65	NW	7	c	30.25	+02	61	59	0	NW	5	c	2	68	55	-		
Biarritz ...	30.25	66	N	5	c	30.23	-02	63	61	-2	ASE	4	c	2	68	57	-		
Cornuana ...	*	*	*	*	*														
Brussels ...	*	*	*	*	*	30.11	+13	59	56	-1	WSW	2	c	*	69	54	0.04		
Charleville ...	*	*	*	*	*	30.06	?	55	52		ENE	1	c	*	70	49	-		
Paris ...	30.14	67	NNE	4	c	30.18	+07	61	59	0	NNW	4	c	*	*	*	-		
Lyons ...	30.12	62	NNW	1	c	30.17	+08	59	55	+4	NNW	3	c	*	66	54	-		
Toulon ...	30.08	68	NNW	8	c	30.13	+02	70	62	+11	W	3	c.g	3	72	59	-		

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

† Received too late for insertion in *Chronicle*.

Printed by D. B. Lath, London.

WEATHER CHARTS

for 8 a.m. on Tuesday 25th JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes 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 thus

■ — Rough. ■ — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sunbury Head	29.827
Sarnoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrassan	29.864
Donaghadee	29.876
Ballyhead	29.879
Liverpool	29.910
Valencia	29.944
Roch's Point	29.940
Pembroke	29.942
Scilly	29.986
Bur's Castle	29.967
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

Weather — is shown by Letters of the Beaufort Scale.

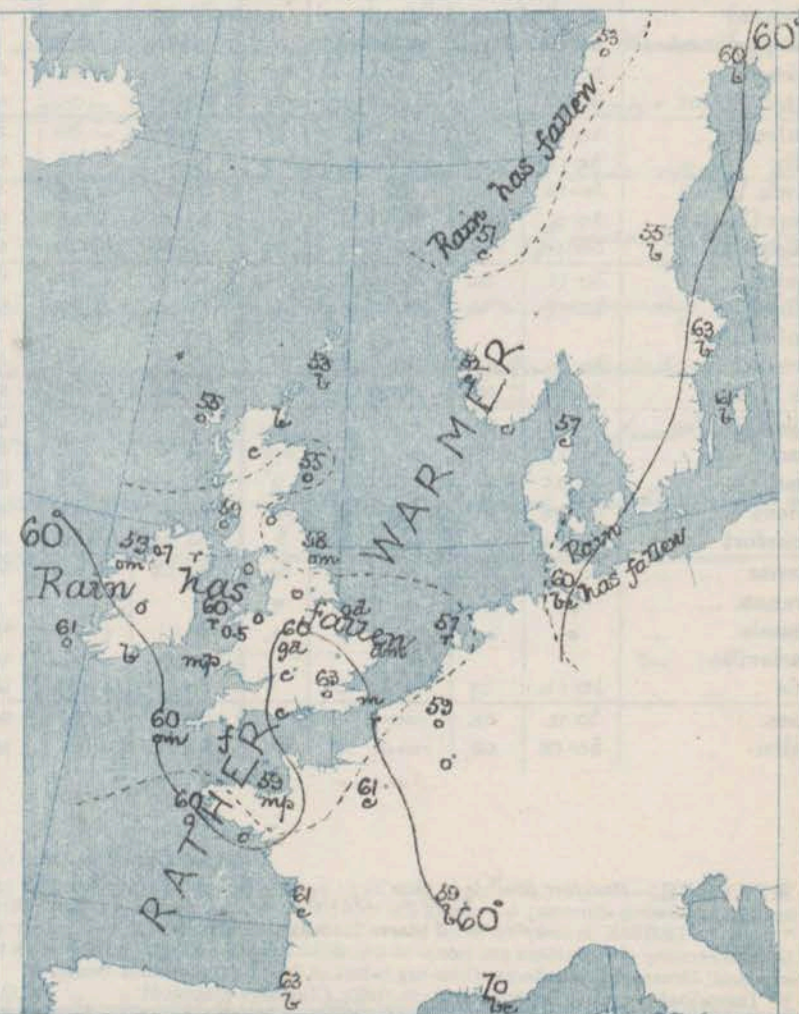
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sunbury Head	53.7	52.2	2.06
Sarnoway	56.4	54.3	3.00
Wick	56.2	53.9	2.19
Nairn	57.4	53.7	2.55
Aberdeen	57.9	54.4	2.60
Leith	59.1	55.0	2.62
Shields	59.8	55.5	2.58
York	59.7	56.5	2.41
Ardrassan	57.8	54.4	2.62
Donaghadee	57.7	56.0	2.56
Ballyhead	58.3	56.1	2.19
Liverpool	59.8	56.1	3.01
Valencia	59.0	56.2	3.59
Roch's Point	59.1	56.0	3.07
Pembroke	58.5	56.2	2.12
Scilly	60.3	58.2	1.96
Bur's Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.92
LONDON	62.5	58.6	2.36
Oxford	60.9	57.1	2.80
Cambridge	61.3	58.0	2.49
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Tuesday 29th July* 1884, at 8 a.m.

The fall of the barometer noticed on our extreme western coasts yesterday subsequently extended to all parts of our islands & this morning we find that several shallow depressions are lying over various parts of England.

In Ireland, however, the barometer is inclined to rise again. The area of highest pressure now lies over the Bay of Biscay. The wind is light from E. in Scotland & moderate from W. on our western & Southern coasts, but in the east & north of England it is very variable. The weather is fine in Sweden, the north of Scotland & South of France, but cloudy or overcast elsewhere, with rain at many of the English & Irish stations.

During yesterday rain fell in most parts of England & Ireland. Temperature has risen a little & readings range from 63° at Roches Point, Hurst Castle, London & Oxford to 53° in the Shetlands. The highest maxima registered yesterday was 70° in London, 69° at Roches Point & 68° at Loughborough. The sea is moderate to smooth.

The rise of the barometer in the west is exceedingly slight & it seems very probable that further depressions will shortly appear over our islands.

FORECASTS

For the 24 hours ending at NOON on *30th July* 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E ^{ly} winds, moderate; fair generally	6 { SCOTLAND WEST	Same as N ^{os} 1 to 3
1 { SCOTLAND EAST	Tight & somewhat variable breezes; rain at times; thunderstorms locally	7 { ENGLAND N.W.	Same as N ^{os} 1 to 3
2 { ENGLAND N.E.	-----D-----D-----D-----	8 { ENGLAND S.W.	Same as N ^{os} 4 to 5
3 { ENGLAND EAST	-----D-----D-----D-----	9 { IRELAND NORTH	N th or S.W. winds, moderate; unsettled, some showers
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	N th winds, moderate; changeable, some rain, perhaps thunder.	WARNINGS	None Issued

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

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes	30.02	55	51	WNW	4	0	3	Valencia	30.13	63	62	W	5	om	5
Sumburgh Head	30.02	53	49	SW	2	6c	2	Scilly	30.19	61	58	WSW	3	0	5
Stornoway	30.01	56	50	SW	3	C	2	Dungeness	30.13	64	59	WSW	2	C	2
Aberdeen	29.99	57	55	S	5	C	2	London	30.11	66	56	NW	3	6c	*
Shields	30.05	58	55	SSW	3	C	3	Yarmouth	30.10	63	58	NNE	4	6	3
Ardrossan	30.01	57	55	S	2	0	2	Jersey	30.19	62	58	W	3	0	3
Mullaghmore	29.96	54	58	N	5	Am	4	Rochefort	30.23	67	61	WNW	7	6	3
Holyhead	30.05	56	55	SSW	4	A	3								

REMARKS.

The fall of the barometer noticed in the extreme west this morning has extended to all but our southern and southeastern stations, and ~~rain~~ is still falling at Mullaghmore and Holyhead. At Valencia, however, the mercury appears to have ceased falling and the winds in the west of Ireland have veered to the W³. The sea is rough in the southwest.

DAILY WEATHER REPORT

for Wednesday 30th July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).	Force (0 to 12).			Max.	Min.	
Haparanda	30.07	53	N	2	C	C	30.15	+ .26	56	51	- .4	NNW	6	C	*	68	45	-	
Hernösand	30.07	59	E	0	B	B	30.17	+ .18	59	53	+ .4	E	4	B	*	70	46	-	
Stockholm	30.03	57	E	2	O	O	30.00	+ .01	58	57	- .5	ESE	4	A	*	73	55	0.08	
Wisby	29.92	60	SE	4	A	A	29.90	- .03	58	58	- .2	S	4	A	*	72	54	0.39	
Bodö	30.16	52	NNE	2	C	C	30.22	+ .24	52	50	- .1	SE	2	B	*	59	52	0.04	
Christiansund	30.07	59	NE	5	B	B	30.10	+ .08	55	51	+ .4	ESE	3	B	2	?	43	-	
Skudesnes	29.99	56	NNW	6	B	B	30.02	+ .04	60	54	+ .8	NNW	2	B	2	?	52	-	
Oxö (Kladsund)	29.91	56	NN	4	O	O	29.97	+ .07	56	53	+ .2	NNW	2	C	2	59	52	-	
Skagen (The Skaw)	29.91	55	NN	3	B	B	29.94	+ .03	56	53	- .1	Z	0	B	0	61	52	-	
Fanö	29.99	51	NNW	4	B	B	29.96	- .03	63	57	+ .8	NNW	4	C	*	64	48	0.28	
Cuxhaven	29.96	57	NN	2	C	C	29.94	+ .01	61	57	+ .1	NNW	3	C	*	?	54	0.02	
Sumburgh Head	30.13	51	Z	0	B	B	30.13	+ .05	53	49	0	?	?	C	0	58	40	-	
Stornoway	30.05	60	SSE	3	om	om	30.04	+ .02	57	55	+ .2	SSE	4	A	3	62	54	0.11	
Wick	30.14	54	SE	3	O	O	30.11	+ .02	56	54	+ .2	SE	2	O	1	62	46	-	
Nairn	30.08	60	Z	0	O	O	30.10	+ .05	59	55	+ .4	Z	0	O	1	60	55	-	
Aberdeen	30.13	55	SSE	1	O	O	30.14	+ .06	55	53	0	S	2	O	1	59	47	-	
Leith	30.11	56	ESE	2	O	O	30.14	+ .09	55	54	0	NNW	1	om	*	58	53	0.01	
Shields	30.12	57	NE	1	O	O	30.17	+ .15	57	55	- .1	S	1	om	2	59	53	-	
Spurn Head	30.10	58	ESE	2	C	C	30.19	+ .17	57	55	- .1	SSE	2	C	2	59	55	-	
York	30.09	63	ESE	1	O	O	30.19	+ .15	56	55	- .1	SSE	1	O	*	67	54	0.01	
Loughborough	30.09	65	NNW	1	O	O	30.19	+ .16	60	58	0	SSE	1	om	*	66	57	0.02	
Ardrossan	30.10	56	ESE	2	md	md	30.14	+ .11	56	56	- .3	ESE	1	ofdp	*	61	53	0.02	
Mullaghmore	30.09	62	WSW	1	O	O	30.07	+ .01	61	58	+ .2	SW	4	O	2	66	58	0.02	
Donaghadee	30.13	57	Z	0	f	f	30.14	+ .10	56	56	- .3	SEW	1	O	0	61	55	0.04	
Parsonstown	30.15	57	S	1			30.14	+ .03	62	59	+ .3	SSE	1	og	*	67	58	-	
Barrow-in-Furness	30.09	60	NN	2	O	O	30.14	+ .13	59	58	+ .3	SE	2	A	2	62	55	-	
Holyhead	30.13	63	NNW	1	O	O	30.16	+ .11	63	61	+ .3	S	2	bc	2	64	58	0.02	
Liverpool (Biston)	30.11	60	NNW	2	O	O	30.17	+ .13	62	61	+ .4	SSW	1	C	1	63	58	0.05	
Valencia	30.13	60	SSE	4	O	O	30.13	- .02	61	60	0	S	5	md	6	66	59	0.02	
Roche's Point	30.18	65	S	1	C	C	30.19	+ .06	60	58	- .3	SW	2	O	3	68	55	0.01	
Pembroke	30.14	61	NNW	3	C	C	30.20	+ .11	60	59	+ .2	W	1	C	1	64	58	-	
Sally	30.19	62	NNW	2	bc	bc	30.23	+ .07	62	62	+ .2	Z	0	C	3	65	53	0.01	
Prawle Point	30.17	61	N	3	C	C	30.22	+ .08	63	61	+ .5	NN	1	C	1	73	54	-	
Hurst Castle	30.10	69	NNW	3	C	C	30.20	+ .10	65	64	+ .2	NNE	1	C	1	71	60	-	
Dungeness	30.08	64	Z	0	m	m	30.20	+ .14	62	60	+ .2	Z	0	O	2	65	59	-	
London	30.10	65	Z	0	O	O	30.20	+ .14	63	61	0	SE	1	O	*	68	60	0.03	
Oxford	30.13	62	NNW	1	O	O	30.20	+ .15	62	60	- .1	NN	1	O	*	67	59	0.04	
Cambridge	30.10	?	NNW	1	O	O	30.19	+ .13	59	58	- .3	N	1	O	*	68	56	-	
Yarmouth	30.06	60	N	2	C	C	30.20	+ .18	60	57	+ .2	NNE	1	bc	2	62	55	0.03	
The Helder	?	?	?	?	?	?	30.14	+ .08	58	?	+ .1	N	3	bc	1	61	57	?	
Cape Griz Nez	?	62	W	5	O	O	?	?	61	59	+ .2	NE	1	C	1	64	57	0.16	
Jersey	30.16	61	NNW	3	om	om	30.22	+ .08	62	60	+ .3	Z	0	C	0	64	59	-	
Brest	30.21	61	N	3	O	O	30.24	+ .03	60	57	0	E	3	O	3	64	54	-	
Lorient	30.20	62	NN	5	C	C	30.23	+ .02	61	58	+ .2	NE	1	bc	1	68	55	-	
Rochefort	30.20	65	NN	5	bc	bc	30.23	- .02	65	62	+ .4	E	4	bc	6	72	55	-	
Biarritz	30.17	66	N	4	B	B	30.16	- .07	67	63	+ .4	E	1	bc	1	70	59	-	
Corunna	*	*	*	*	*	*	30.19	+ .08	60	?	+ .1	N	1	C	*	63	56	?	
Brussels	*	*	*	*	*	*	30.19	+ .06	59	55	+ .4	N	1	bc	*	66	53	0.04	
Charleville	*	*	*	*	*	*	230.13	?	64	61	+ .3	WSW	4	O	*	*	*	-	
Paris	30.14	67	SSW	4	O	O	?	?	64	61	+ .3	WSW	4	O	*	*	*	-	
Lyons	30.12	67	NN	3	B	B	30.21	+ .04	62	57	+ .3	NNW	1	bc	*	71	56	-	
Toulon																			

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

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WEATHER CHARTS

for 8 a.m. on WEDNESDAY 30th JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

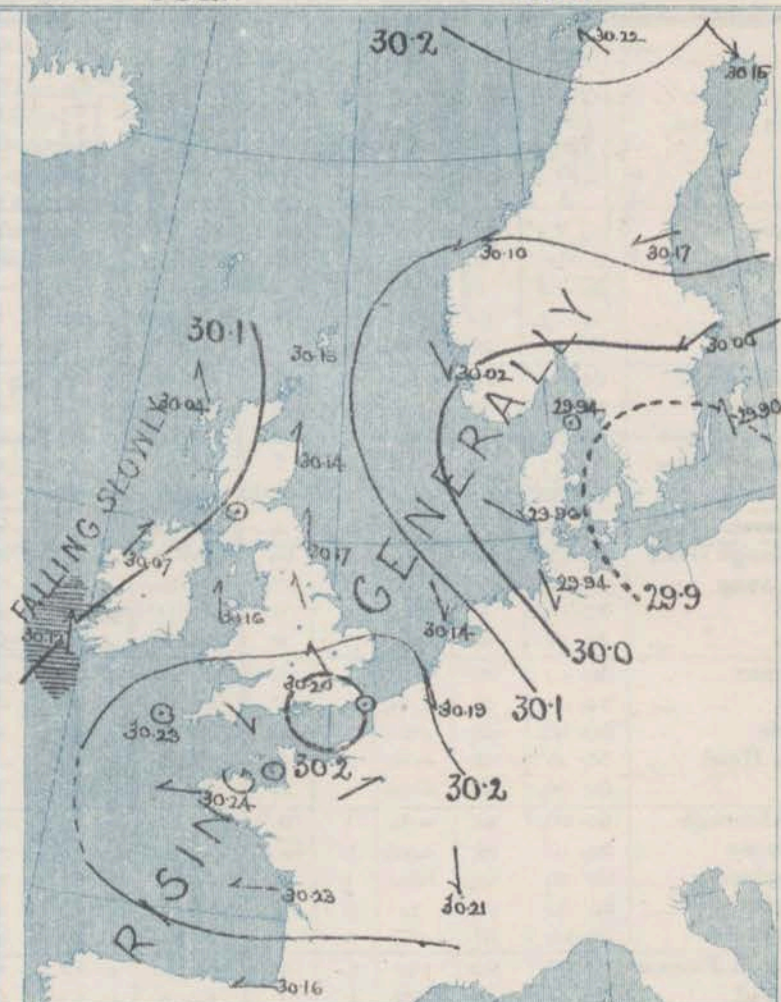
Barometer — Isobars are drawn for each tenth of an inch changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ — dead calm.

Sea Disturbance — where considerable is shown thus:
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head...	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.840
Shields	29.853
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roches Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.955
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

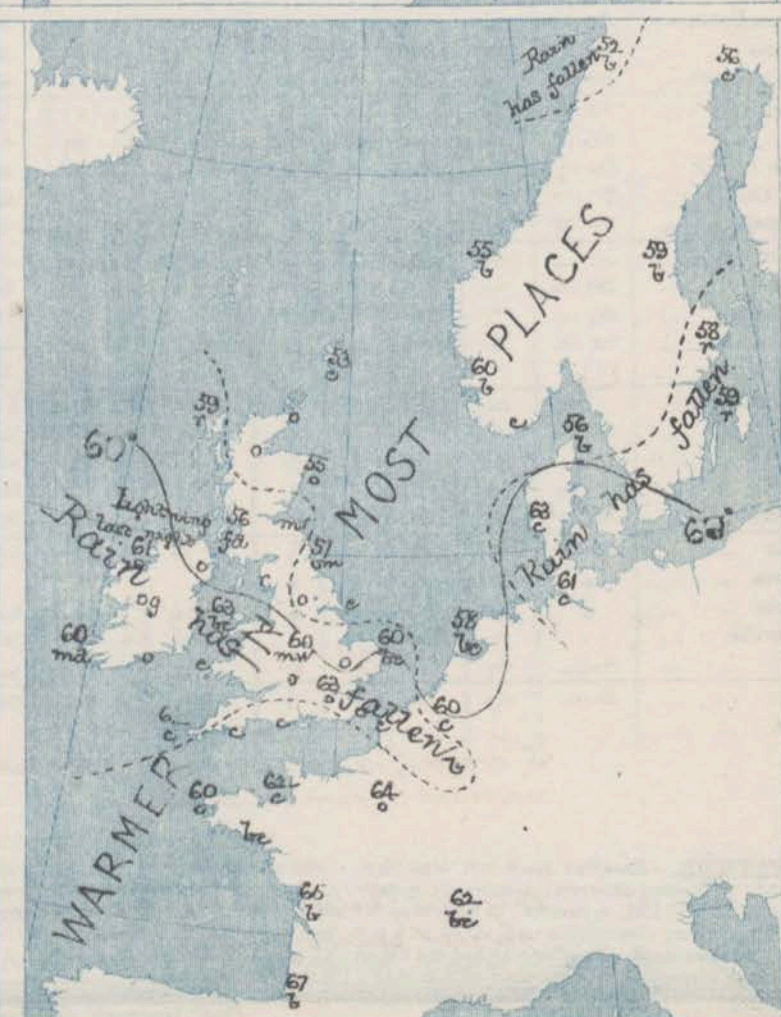
Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather — is shown by letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of July

STATIONS.	TEMPERATURE		RAINFALL
	Dry Bulb.	Wet Bulb.	
Sumburgh Head	60.7	62.2	2.06
Stornoway	56.4	59.3	0.00
Wick	56.2	59.9	2.19
Nairn	57.4	59.7	2.55
Aberdeen	57.9	59.4	2.60
Leith	58.1	59.9	2.62
Shields	58.8	59.5	2.46
York	59.7	59.5	2.41
Ardrossan	57.8	59.6	2.82
Donaghadee	57.7	59.9	2.56
Holyhead	58.3	59.1	2.19
Liverpool	59.8	59.1	3.01
Valencia	59.0	59.2	3.59
Roches Point	59.1	59.0	3.07
Pembroke	58.6	59.2	2.12
Scilly	60.3	59.2	1.96
Hurst Castle	61.7	59.2	2.31
Dover	63.0	59.2	1.92
LONDON	62.5	59.6	2.36
Oxford	60.4	61.1	2.80
Cambridge	61.3	59.0	2.41
Yarmouth	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Wednesday 30th July* 1884, at 8 a.m.

The relative distribution of barometric pressure has changed considerably during the past 24 hours. Two high pressure areas are now found - one over France, the other over the northern part of Scandinavia. The two are joined by a well-marked ridge or 'col,' the centre of which lies over the East of Scotland. In the west the gradients are at present slight, but the barometer is inclined to fall, & Southerly air & light breezes have set in at the Irish & North British station, while Northwesterly winds are still felt on the eastern shores of the North Sea. Temperature is rising, & at our southern station the weather is close. Lightning was seen in the far west last night. A large amount of cloud prevails in most places, & at several of the northern & western stations rain is falling, while on our eastern coasts the sky is partially clear. The sea is rough at Helensburgh, smooth generally elsewhere.

With the present distribution of pressure the fall of the barometer in the west points to the probability of very warm Southerly breezes, followed by close thundery weather & rain at times.

FORECASTS

for the 24 hours ending at NOON on *31st July* 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ⁴ breezes; cloudy, close, rain at times.	6 { SCOTLAND WEST	Same as N ^o 0 & 1
1 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	Same as N ^o 0 & 1
2 { ENGLAND N.E.	Same as N ^o 4.	8 { ENGLAND S.W.	SW ⁴ & S ⁴ breezes, moderate, some showers
3 { ENGLAND EAST	Same as N ^o 5.	9 { IRELAND NORTH	Varying S ⁴ breezes, cloudy; rain at times.
4 { MIDLAND COUNTIES	S ⁴ breezes, very warm & close afterwards unsettled & perhaps thundery.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	Varying S ⁴ breezes, warm, close and misty, perhaps thundery later	WARNINGS	None Issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes							Valencia	30.11	64	62	SE	4	0	4	
Sumburgh Head	30.12	54	49	SE	1	be	0	Scilly	30.19	62	62	WNW	2	0	4
Stornoway	30.05	61	56	SSE	3	0	2	Dungeness	30.06	64	62	SE	4	0	4
Aberdeen	30.13	58	53	E	2	0	1	London	30.07	68	63	W	2	0	4
Shields	30.08	59	58	E/NE	3	0	3	Yarmouth	30.04	60	58	N/NE	2	m	3
Ardrossan	30.08	61	59	WNW	1	0	1	Jersey	30.16	63	61	N/NE	4	0	4
Mullaghmore	30.09	65	61	H	1	0	1	Rochefort	30.21	69	65	WN	5	be	2
Holyhead	30.11	63	61	WNW	4	0	4								

REMARKS.

The barometer is rising a little in most places, but the winds remain unchanged and dull weather still prevails in many parts of the Kingdom. The sea is moderate in the west and south, slight or smooth elsewhere.

DAILY WEATHER REPORT

for *Thursday* 31st July 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.				
			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).		Weather.	Max.	Min.	Amount of Rainfall.	
Haparanda	30.28	49	Z	0	b	30.38	+ .23	56	51	0	Z	0	6	*	61	48	-	
Hernösand ...	30.25	51	NE	4	b	30.25	+ .08	56	53	- 3	NE	6	0	*	70	45	-	
Stockholm ...	30.03	57	E	2	o	29.95	- .05	57	56	- 1	ESE	4	1	*	63	55	0.08	
Wisby ...	29.87	57	E	4	h	29.80	- .10	59	57	0	ESE	4	2	*	66	55	1.38	
Bodö ...	30.19	58	NNE	2	b	30.23	+ .01	59	54	+ 7	ESE	2	0	1	61	52	-	
Christiansund ...	30.05	60	ESE	3	o	30.03	- .07	60	53	+ 5	ESE	2	0	2	61	52	-	
† Skudesnaes ...	30.06	58	NW	6	b	30.10	+ .08	58	55	- 2	NW	4	6	3	?	?	-	
Oxö (Ålansund) ...	30.02	58	N	2	o	30.07	+ .10	59	56	+ 3	N	2	6	2	61	55	0.12	
Skagen (The Skaw)	29.97	56	Z	0	b	30.03	+ .09	61	56	+ 5	NNE	2	6	0	70	43	-	
Fanö ...	30.08	57	NW	4	o	30.11	+ .15	59	55	- 4	NW	4	0	*	64	55	-	
Cuxhaven ...	30.12	59	NW	4	b	30.12	+ .18	60	55	- 1	NW	4	6	*	?	54	-	
† Sumburgh Head	30.08	58	SE	1	o	30.04	- .09	55	55	+ 2	Z	0	h	0	57	50	0.17	
† Stornoway ...	30.03	59	SE	4	h	30.10	+ .06	56	55	- 1	SSE	2	0	1	60	46	0.15	
Wick ...	30.04	57	SSE	1	o	30.10	- .01	55	52	- 1	NW	3	0	1	62	50	0.02	
Nairn ...	30.05	65	Z	0	o	30.12	+ .02	57	54	- 2	Z	0	bv	0	67	56	-	
† Aberdeen ...	30.08	61	S	2	o	30.08	- .06	60	57	+ 5	NW	4	0	2	63	52	-	
Leith ...	30.09	64	SE	1	o	30.11	- .03	60	57	+ 5	N	2	0	*	62	54	0.03	
† Shields ...	30.13	63	Z	0	om	30.14	- .03	62	60	+ 5	Z	0	om	2	63	54	0.01	
Spurn Head ...	30.17	60	SE	3	o	30.16	- .03	62	60	+ 5	N	3	om	3	62	56	-	
York ...	30.17	64	SW	1	o	30.16	- .03	62	60	+ 6	WSW	1	0	*	67	55	-	
Loughborough ...	30.18	65	SSE	1	o	30.19	00	62	59	+ 2	WSW	3	om	*	74	55	-	
† Ardrossan ...	30.09	60	SW	1	o	30.15	+ .01	56	55	0	NW	1	0	1	64	54	0.02	
† Mullaghmore ...	30.10	58	NW	3	o	30.14	+ .07	56	54	- 5	ESE	3	0	2	65	54	0.02	
Donaghadee ...	30.12	62	SW	2	o	30.17	+ .03	56	55	0	ESE	1	0	0	65	54	0.17	
Parsonstown ...	30.03	63	SW	1	h	30.16	+ .02	60	59	- 2	Z	0	0	*	69	57	0.03	
Barrow-in-Furness	30.15	62	SW	3	o	30.13	+ .01	60	59	+ 1	NW	2	0	2	66	59	0.08	
† Holyhead ...	30.16	60	SW	4	o	30.18	+ .02	58	57	- 5	SSW	2	0	2	65	57	-	
Liverpool (Bidston)	30.16	64	W	1	o	30.18	+ .01	63	59	+ 1	Z	0	0	1	69	57	-	
† Valencia ...	30.16	60	SW	3	omg	30.14	+ .01	61	59	0	SSE	4	0	4	62	59	0.06	
Roche's Point ...	30.21	61	SSW	4	o	30.19	00	61	59	+ 1	SSE	1	0	3	66	56	-	
Pembroke ...	30.21	61	W	2	b	30.20	00	60	58	0	SSW	1	6	1	63	57	-	
† Scilly ...	30.21	63	S	1	o	30.17	- .06	64	61	+ 2	ESE	2	6	3	67	57	-	
Prawle Point ...	30.21	66	W	1	b	30.21	+ .01	69	60	+ 6	SE	1	6	1	69	55	-	
Hurst Castle ...	30.21	64	WSW	2	b	30.21	+ .01	59	58	- 6	Z	0	m	1	70	56	-	
† Dungness ...	?	63	SE	1	o	30.21	+ .01	65	61	+ 3	S	1	0	0	67	57	-	
† London ...	30.20	68	Z	0	o	30.21	+ .01	65	61	+ 2	WSW	2	0	*	75	55	-	
Oxford ...	30.19	67	W	1	o	30.20	00	65	62	+ 3	N	1	om	*	73	61	-	
Cambridge ...	30.20	68	NE	1	o	30.19	00	65	63	+ 6	N	1	6	*	72	55	-	
† Yarmouth ...	30.20	62	SE	3	o	30.17	- .03	65	63	+ 5	N	1	6	2	65	57	-	
The Helder ...	30.22	58	NW	1	o	30.19	+ .05	60	57	+ 2	SSW	1	0	1	63	57	-	
Cape Griz Nez ...	?	?	Z	0	b	?	?	64	60	+ 3	S	1	6	0	72	61	-	
† Jersey ...	30.22	65	NW	1	b	30.20	- .02	68	63	+ 6	Z	0	om	0	69	59	-	
Brest ...	30.22	68	NE	3	o	30.17	- .07	63	59	+ 3	ESE	4	6	3	72	54	-	
Lorient ...	30.21	68	N	3	b	30.18	- .05	61	59	0	E	5	6	2	79	55	-	
† Rochefort ...	30.29	78	ESE	3	b	30.20	- .03	66	63	+ 1	SE	5	6	2	81	57	-	
Biarritz ...	30.09	72	NE	3	o	30.08	- .08	65	63	- 2	E	3	6	1	79	61	-	
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	30.23	+ .04	64	60	+ 4	ESE	1	0	*	69	56	-	
Charleville ...	-	-	-	-	-	?	?	61	58	+ 2	SSE	1	6	*	75	55	-	
Paris ...	30.21	70	SW	3	b	? 30.26	?	68	63	+ 4	SSE	3	6	*	*	*	-	
Lyons ...	30.17	71	N	3	o	30.22	+ .01	62	59	0	N	1	6	*	75	59	-	
Toulon ...	30.24	75	SW	1	b	30.28	+ .07	67	61	- 3	SE	3	6	1	?	59	-	

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Thursday 31st JULY 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

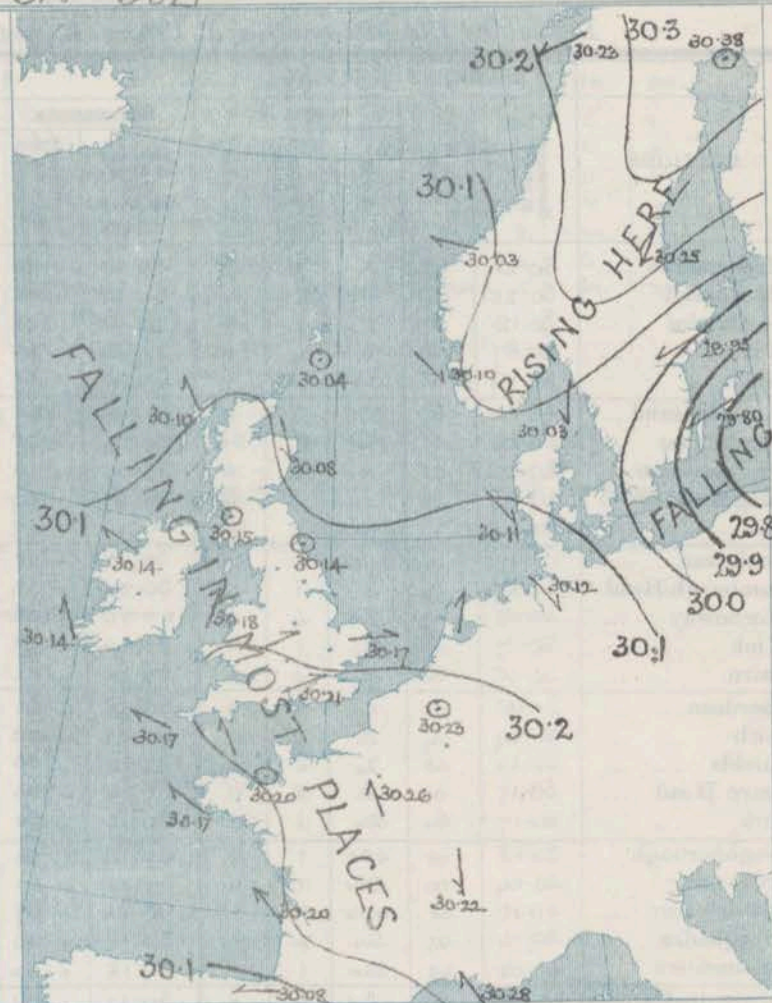
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.827
Stornoway	29.789
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.876
Holyhead	29.914
Liverpool	29.810
Valencia	29.944
Roches Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.989
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



REMARKS.

for *Thurs Day* 31st July 1884, at 8 a.m.

The distribution of pressure over Europe is very similar to that noticed yesterday. An area of high readings is lying over the north of Sweden & another over France & the south of England, while the lowest pressures are found over the Baltic. The barometer is, however, falling somewhat decidedly over the Bay of Biscay & our south west coasts, so that the general appearance is still rather unsettled. The wind is light or moderate in force in most places, but varies greatly in direction. Over the greater part of Scandinavia it is Northwesterly & in Denmark & the east of Scotland Northwesterly, but over eastern & central England it is chiefly westerly, while on our south west coast Southwesterly breezes are general. The weather is fine at our southeastern, southern & most of the Continental stations, but dull elsewhere, with mist or fog locally. During yesterday a little rain fell in the west & north of our islands. Temperature has risen a few degrees in the east & south, & readings now range from 69° at Llandudno to 55° at Lumbagh Head & Wick. The highest maxima registered yesterday were 75° in London, 74° at Loughborough & 73° at Oxford. The sea is slight or smooth generally.

The weather remains in a somewhat unsettled state & there is at present no indication of any important change.

FORECASTS

for the 24 hours ending at NOON on 1st August 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Light variable breezes; dull, rain locally & perhaps thunder.

1 { SCOTLAND
EAST

.....

2 { ENGLAND
N.E.

.....

3 { ENGLAND
EAST

Variable winds, chiefly N^{ly}, fair generally.

4 { MIDLAND
COUNTIES

.....

5 { ENGLAND
SOUTH

Light variable breezes; fair, but close

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Variable winds; fair generally.

7 { ENGLAND
N.W.

.....

8 { ENGLAND
S.W.

SE^{ly} winds, light or moderate; fine at first, less settled later

9 { IRELAND
NORTH

SE^{ly} winds, light or moderate; cloudy, perhaps some rain

10 { IRELAND
SOUTH

.....

WARNINGS

None Issued

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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sen.		Bar.	Dry.	Wet.	Wind.	Wen.	Sen.		
Skudesnaes	30.03	65	56	rvv	6	6 c	3	Valencia	30.16	61	61	SSW	5	om	5
Sumburgh Head	30.11	54	50	Sp	1	c	0	Scilly	30.22	65	63	SSW	2	c	2
Stornoway	30.03	59	58	SSW	5	1	4	Dungeness	30.22	66	62	S	1	c	1
Aberdeen	30.11	61	58	S	3	c	1	London	30.18	71	65	HNH	1	0	*
Shields	30.14	63	60	SE	1	om	3	Yarmouth	30.20	62	58	ESE	2	bcv	2
Ardrossan	30.12	63	61	N	0	0	1	Jersey	30.23	65	60	NW	1	bc	1
Mullaghmore	30.06	64	62	E	5	og	3	Rocheport	30.24	77	70	NW	4	c	2
Holyhead	30.17	64	59	SSW	4	f	3								

REMARKS.

Scarcely any change has occurred in the barometer since the morning. Moderate SW^{ly} or S^{ly} winds prevail in the west and north and variable airs in the south east, with dull, close weather in most places. The sea is rather rough at Valencia.

CORRECTIONS AND ADDITIONS TO THE REPORT FOR JULY 1874

REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

WEDNESDAY EVENING										THURSDAY M. TO DAY					FRIDAY 24 HOURS				
DATE	STATIONS	Barometer at 3 P.M.	Wind	WIND		BAROMETER		SHADE TEMP.			WIND		Weather	Wind at 3 P.M.	SHADE TEMP.		Amount of Rainfall.		
				Force (0 to 12)	Direction	Dry	Wet	Difference from Sea Level	Difference from Sea Level 3 yesterday	Dry	Wet	Difference from Sea Level 3 yesterday			Force 0 to 12	Max		Min	
1 st	June	30.18	S	1	N	30.14	+0.03	64	62	0	SE	3	6e	73	57	1.88			
	Coruma	*	*	*	*	30.05	-0.09	72	68	+5	ENE	1	6	76	52	-			
2 nd	St. John	30.17	NW	2	0	30.18	-0.01	54	52	-2	2	0	0	64	53	-			
	Coruma	*	*	*	*	30.15	+0.10	69	66	-3	NSW	1	0	74	52	-			
3 rd	Coruma	*	*	*	*	30.19	+0.04	69	66	0	N	1	0	77	54	-			
4 th	Coruma	*	*	*	*	30.20	+0.01	54	51	-15	NW	1	0	75	54	-			
5 th	St. John Head	29.90	S	2	0	29.91	-0.03	67	62	+1	SE	2	6e	64	58	0.34			
	Coruma	*	*	*	*	30.18	-0.02	65	62	+11	NSW	5	0	75	52	-			
6 th	St. John Head	29.90	SE	2	0	29.89	-0.02	65	63	+3	SSW	2	6	66	59	0.10			
7 th	St. John Head	29.87	ENE	2	f	29.87	-0.03	57	57	-2	SE	1	f	61	53	0.02			
	St. John Head	29.89	S	3	6e	29.95	+0.06	61	59	-4	SSW	3	6	73	57	0.01			
	Coruma	*	*	*	*	30.10	-	70	68	-	NW	1	0	75	46	-			
8 th	St. John	29.91	S	4	0	29.97	0.00	59	57	-1	NW	1	0	64	57	-			
9 th	St. John	29.96	E	1	6	29.93	-0.07	72	60	+4	ENE	1	6	75	66	-			
	St. John	29.88	N	4	0	29.89	-0.06	66	64	-2	N	3	6	75	63	0.23			
	Coruma	*	*	*	*	30.18	-	64	60	-	S	1	0	72	43	-			
10 th	Coruma	*	*	*	*	29.94	-0.24	63	60	-1	N	1	6	64	52	0.24			
11 th	Coruma	*	*	*	*	29.91	-0.03	68	65	+5	SW	5	0	70	55	-			
12 th	Coruma	*	*	*	*	29.89	-0.02	68	65	0	S	5	6	70	59	-			
13 th	St. John	29.92	SSW	1	6e	29.95	0.00	69	65	+1	SE	3	0	72	61	-			
	St. John	29.94	SSW	1	0	29.97	-	66	63	-	S	1	0	86	?	1.34			
	St. John	30.02	S	5	0	30.12	+0.05	78	65	+2	ENE	1	6	89	64	-			
15 th	Coruma	*	*	*	*	30.10	-	73	69	-	S	1	6	77	52	-			
16 th	Coruma	*	*	*	*	30.04	-0.06	68	64	-5	N	1	0	81	52	0.16			
18 th	Coruma	*	*	*	*	30.16	-	65	64	-	N	5	0	66	52	0.04			
19 th	St. John	29.92	NSW	6	0	29.90	+0.06	62	58	-6	NSW	4	6	68	55	0.08			
	Coruma	*	*	*	*	30.43	+0.27	65	63	0	N	4	6e	68	52	-			
20 th	St. John	30.14	NW	3	6e	30.13	+0.03	57	53	+2	NW	5	6e	67	47	0.01			
21 st	Coruma	*	*	*	*	30.45	-	68	67	-	N	3	0	77	55	-			
24 th	Coruma	*	*	*	*	30.24	-	64	61	-	NE	5	0	70	52	0.04			
25 th	Coruma	*	*	*	*	30.39	+0.15	66	66	+2	N	5	6	68	52	-			
26 th	Coruma	*	*	*	*	30.40	-	66	66	-	NE	4	6	75	54	-			
28 th	Cambridge	30.10	NW	1	0	30.01	-0.11	62	60	+2	NW	1	0	69	55	0.07			
	Coruma	*	*	*	*	30.22	-0.18	71	67	+5	NE	1	6	72	50	-			
30 th	Coruma	*	*	*	*	30.12	-0.10	74	71	+3	NE	1	6	75	52	-			
31 st	Coruma	*	*	*	*	30.21	+0.04	77	74	+3	E	3	6	?	55	-			

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.	Air Temperature								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.									ins.
0. SCOTLAND, N.	Sumburgh Head ...	29.856	53.3	47.9	57.2	52.6	40	21 st , 22 nd , 29 th , 30 th	64	11 th	0.359
	Wick ...	29.851	55.1	48.0	60.8	54.4	35	24 th	69	15 th	.380
	Stornoway ...	29.820	56.0	49.7	61.9	55.8	39	20 th	70	14 th , 7 th , 9 th	.383
1. SCOTLAND, E.	Nairn ...	29.845	56.3	51.4	63.5	57.5	39	27 th	76	9 th	.371
	Aberdeen ...	29.861	57.2	49.9	62.7	56.3	39	27 th	70	13 th	.386
	Leith ...	29.858	57.4	51.8	65.4	58.6	43	20 th	75	8 th	.384
2. ENGLAND, N.E.	Shields ...	29.883	57.6	52.2	63.0	57.6	43	20 th	71	31 st	.404
	York ...	29.914	59.8	53.2	70.2	61.7	44	20 th , 26 th	83	3 rd	.417
	Spurn Head ...	29.920	60.0	55.6	65.6	60.6	50	26 th	73	6 th	.453
3. ENGLAND, E.	Yarmouth ...	29.950	62.2	55.7	67.7	61.7	47	26 th	74	16 th	.450
	Cambridge ...	29.953	63.3	52.6	73.0	62.8	42	26 th	87	4 th	.467
4. MIDLAND COUNTIES.	Loughborough ...	29.935	60.9	53.7	71.1	62.4	45	26 th	86	4 th	.431
	Oxford ...	29.958	61.1	54.5	69.8	62.2	43	3 rd	81	3 rd	.438
5. ENGLAND S.	London ...	29.977	63.6	54.6	73.2	63.9	42	26 th	86	14 th	.439
	Dunquerque ...	29.982	62.0	55.9	68.0	62.0	44	26 th	73	4 th , 8 th	.444
	Hurst Castle ...	29.976	61.0	56.3	67.9	62.1	45	26 th	75	17 th	.455
6. SCOTLAND, W.	Ardrossan ...	29.949	57.5	53.1	64.0	58.6	43	20 th	74	3 rd	.402
7. ENGLAND, N.W.	*Hawes Junction ...	28.682	55.9	49.5	62.5	56.0	40	19 th , 20 th , 26 th	45	3 rd	.376
	Barrow-in-Furness...	29.883	58.3	55.2	64.8	60.0	49	20 th	74	5 th	.411
	Liverpool Obs ^d (Bidston)	29.899	60.7	55.1	67.3	61.2	49	26 th	77	4 th	.398
	Holyhead ...	29.893	59.5	55.1	64.4	59.8	51	26 th , 27 th	73	3 rd	.418
8. ENGLAND, S.W.	Pembroke ...	29.908	58.0	55.5	62.2	58.9	32	2 nd , 25 th	68	3 rd	.427
	Prawle Point ...	29.973	59.2	54.4	64.6	59.5	48	26 th	73	29 th	.442
9. IRELAND, N.	Donaghadee ...	29.866	56.5	51.5	62.9	57.2	45	20 th , 26 th	69	21 st	.412
	Mullaghmore ...	29.817	57.9	54.9	64.2	59.6	46	26 th	77	3 rd	.391
10 IRELAND, S.	Parsonstown ...	29.872	57.6	51.9	66.6	59.3	41	19 th	73	2 nd , 13 th	.387
	Valencia ...	29.859	58.8	54.1	63.6	58.9	45	1 st	68	8 th	.439
	Roche's Point ...	29.885	59.4	53.4	65.5	59.5	48	8 th	71	3 rd	.434
CHANNEL ISLANDS.	Scilly (St. Mary's)...	29.932	61.0	55.9	64.7	60.3	53	10 th , 25 th , 26 th , 30 th	69	3 rd , 5 th , 16 th	.445
	Jersey (Noirmont)...	30.003	61.1	57.0	67.0	62.0	51	26 th	77	31 st	.475

*Hawes Junction is 1155 feet above mean Sea Level and the

*Hawes Junction is 1155 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of JULY 1884
at 8 a.m. daily

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

Relative Humidity	Amount of Cloud	Rainfall		Date	Weather							Wind								
		Total Fall in the month	Maximum Fall in one day		No. of Days of							No. of observations of								
		ins.	in.		Rain	Snow	Hail	Thunder storms	Clear sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
88	7.5	1.91	0.37	3 rd	15	0	0	0	4	17	0	4	5	8	3	2	0	2	4	3
87	7.3	1.60	0.28	23 rd	14	0	0	1	2	18	1	2	0	3	5	10	1	1	6	3
85	7.1	3.09	0.43	23 rd	25	0	0	2	7	17	2	2	4	9	4	5	2	3	2	0
81	7.7	2.08	0.34	6 th	21	0	0	3	5	19	0	0	1	2	1	1	2	4	4	16
82	7.1	2.93	0.51	21 st	18	0	1	1	6	17	0	2	1	2	8	6	3	1	4	4
81	7.1	4.78	1.14	5 th	24	0	0	7	3	10	0	2	2	8	4	1	4	4	5	1
84	8.5	2.45	0.38	13 th	18	0	0	2	0	18	0	2	4	2	1	4	9	4	0	5
81	6.0	4.40	1.63	10 th	23	0	0	2	8	11	0	5	1	1	2	8	7	4	2	1
88	4.4	1.67	0.39	4 th	15	0	0	7	11	3	0	2	1	2	6	4	8	4	3	1
81	4.2	2.76	0.83	19 th	19	0	0	5	10	2	0	2	1	1	5	3	6	8	3	2
80	5.0	3.08	0.60	9 th	18	0	0	7	13	9	0	5	0	2	1	8	9	4	2	0
80	4.1	2.94	0.54	8 th	21	0	0	9	1	11	6	2	1	1	3	4	8	6	3	3
81	7.6	2.67	0.30	26 th	19	0	2	3	3	15	0	2	0	1	2	8	9	4	3	2
74	6.9	1.48	0.51	26 th	19	0	1	4	4	13	0	1	1	2	3	6	10	5	2	1
80	6.9	2.07	0.28	27 th	13	0	1	3	4	11	0	0	0	3	2	6	11	4	3	2
88	6.3	2.77	0.39	9 th	20	0	0	1	3	3	2	1	3	2	2	1	11	7	3	1
85	7.3	3.87	0.97	10 th	23	0	1	3	6	17	1	1	6	5	3	7	4	2	2	1
84	6.1	7.28	1.41	10 th	26	0	0	4	6	11	0	0	0	5	1	6	11	3	3	2
84	5.7	4.49	0.79	13 th	22	0	0	4	10	12	2	3	4	3	6	5	5	2	3	0
75	5.3	3.72	0.80	24 th	21	0	0	3	8	7	0	1	0	0	0	6	6	7	1	1
83	5.5	3.77	0.66	11 th	22	0	0	2	6	9	0	2	0	0	1	9	11	3	2	3
88	6.8	3.33	0.66	7 th	24	0	0	0	3	13	0	1	1	0	7	4	5	8	5	0
89	7.2	2.27	0.60	15 th	19	0	0	3	5	17	0	1	2	2	4	6	9	4	3	0
90	7.3	4.46	0.75	13 th	22	0	0	1	4	14	0	4	0	2	2	10	2	9	2	0
82	7.6	5.31	0.92	3 rd	28	0	0	4	1	9	6	2	2	3	6	4	7	4	2	1
81	7.0	3.21	0.45	7 th	20	0	0	0	7	18	0	0	0	2	10	4	4	4	2	5
89	7.7	6.05	1.75	13 th	26	0	0	1	1	15	5	2	0	2	8	4	4	7	3	1
87	6.7	2.77	0.45	9 th	22	0	0	0	3	12	0	3	0	0	4	8	6	5	5	0
83	7.8	4.78	0.95	14 th	24	0	0	1	1	14	5	1	1	1	1	8	8	7	2	2
88	7.2	1.71	0.29	15 th	20	0	0	1	6	15	1	1	1	3	1	5	5	11	2	2

Barometric Observations at this station are not corrected for altitude

2. CORRECTIONS

[illegible]