

METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER.

1886.



DAILY WEATHER REPORT.

July to December 1886.



DAILY WEATHER REPORT

for Sunday - 1st August 1886.

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

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	29.69	58	N	2	c	29.69	00	59	55	+ 3	NE	2	b	*	66	48	—		
Hernösand	29.79	62	S	2	o	29.70	— 13	63	59	+ 3	SW	2	b	*	73	50	—		
Stockholm	29.82	59	SSE	2	b	29.68	— 21	72	64	+ 9	SE	4	b	*	72	52	—		
Wisby	29.78	57	S	4	b	29.62	— 22	66	60	+ 2	SE	4	c	*	75	55	—		
Bodö	29.76	53	NE	4	b	29.63	— 18	54	52	— 2	NNE	2	b	*	72	48	—		
Christiansund	29.56	57	NE	4	c	29.34	— 39	64	56	+ 8	ESE	2	c	1	68	52	0.08		
Skudesnaes	29.36	57	WSW	2	r	29.59	— 00	58	55	— 3	S	8	r	5	59	57	1.18		
Oxö (Xtiansand)	29.43	60	S	4	o	29.62	— 05	55	53	— 3	W	4	o	3	61	52	0.91		
Skagen (The Skaw)	29.50	62	SSW	5	o	29.63	— 25	58	52	— 3	W	2	c	0	66	55	—		
Fanö	29.60	59	WSW	4	c	29.72	+ 14	61	55	— 1	WSW	4	b	*	74	54	0.08		
Cuxhaven	29.65	67	WNW	2	b	29.82	+ 20	62	61	— 7	W	2	b	*	71	59	0.04		
Sumburgh Head	29.47	54	W	1	f	29.27	— 25	50	50	— 2	NNW	4	r	3	57	49	2.40		
Stornoway	29.72	52	NNW	4	c	29.64	— 07	50	49	— 1	NNW	5	p	4	51	44	0.07		
Wick	29.54	52	NW	5	o	29.45	— 15	51	50	— 1	NW	7	c	4	55	47	0.05		
Nairn	29.63	54	NW	3	c	29.59	— 06	50	47	— 1	NNW	3	c	2	60	47	0.03		
Aberdeen	29.59	58	NW	4	b	29.57	— 05	53	48	— 1	WNW	5	c	1	61	46	—		
Leith	29.62	56	W	1	c	29.65	+ 02	56	49	+ 2	NW	2	b	*	65	45	0.09		
Shields	29.66	55	WSW	2	o	29.69	+ 03	51	48	— 2	WSW	3	b	2	59	46	0.31		
Spurn Head	29.70	58	SE	3	b	29.71	+ 07	58	55	+ 3	W	4	b	*	59	53	—		
York	29.70	63	W	3	b	29.72	+ 06	57	52	+ 2	W	3	b	*	65	50	0.02		
Loughborough	29.75	63	WNW	3	b	29.77	+ 10	61	56	+ 4	W	3	c	*	67	53	0.03		
Ardrossan	29.67	60	WNW	3	b	29.70	+ 04	55	50	— 3	W	4	c	3	63	49	—		
Malin Head	29.72	55	N	3	b	29.68	— 01	51	50	— 4	NE	1	c	2	60	51	0.01		
Mullaghmore	29.77	57	WNW	5	c	29.77	+ 04	57	52	— 0	E	1	o	1	62	57	0.03		
Belmullet	29.82	58	NNW	3	c	29.78	+ 01	55	53	— 2	ESE	1	b	*	60	46	—		
Donaghadee	29.73	56	W	2	c	29.76	+ 05	53	51	— 4	W	2	o	0	62	45	0.17		
Barrow-in-Furness	29.71	58	SW	5	c	29.73	+ 07	55	51	— 1	NW	4	b	*	60	52	—		
Liverpool (Bidston)	29.74	58	W	4	b	29.76	+ 07	56	51	— 1	WNW	2	b	3	63	53	—		
Holyhead	29.76	57	SW	3	b	29.78	+ 05	58	54	— 0	NW	1	b	2	62	52	0.01		
Parsonstown	29.81	61	NW	1	b	29.77	— 01	55	52	— 2	W	0	c	*	65	45	0.11		
Valencia	29.91	58	WNW	4	b	29.74	— 12	56	53	— 2	E	3	o	3	64	49	—		
Roche's Point	29.85	60	WNW	4	b	29.79	— 01	54	52	— 3	WNW	1	c	3	62	45	—		
Pembroke	29.82	58	WSW	4	c	29.81	+ 03	58	57	+ 1	SE	1	b	1	61	55	—		
Seilly	29.92	59	W	5	c	29.78	— 05	61	57	+ 1	S	4	o	4	62	55	—		
Prawle Point	29.88	60	W	3	b	29.86	+ 09	59	55	— 0	WSW	3	b	3	65	54	—		
Hurst Castle	29.82	65	NW	4	b	29.86	+ 13	62	60	+ 2	WSW	5	b	1	69	56	—		
Dungeness	29.75	62	W	6	c	29.81	+ 16	59	58	— 1	W	4	c	3	68	52	0.02		
London	29.70	60	WNW	2	c	29.83	+ 15	61	55	+ 2	WSW	2	b	*	70	50	0.03		
Oxford	29.79	58	SW	3	b	29.81	+ 11	60	56	+ 3	W	2	b	*	67	53	0.03		
Cambridge	29.75	58	NW	1	c	29.80	+ 15	59	58	— 0	NNW	1	c	*	66	46	0.26		
Yarmouth	29.74	58	W	0	b	29.77	+ 17	58	56	+ 2	WSW	3	c	3	63	50	0.35		
The Helder	29.75	57	NW	3	c	29.77	+ 23	60	56	— 1	WSW	1	c	1	64	57	0.04		
Cape Gris Nez	29.78	62	W	5	b	29.85	+ 16	60	57	— 1	WNW	5	b	4	66	57	—		
Jersey	29.91	61	W	5	b	29.91	+ 14	59	58	— 1	SW	3	b	3	64	56	—		
Brest	29.99	62	NW	3	o	29.91	+ 09	57	57	— 1	SSW	4	o	4	64	55	0.04		
Lorient	30.03	63	WNW	7	b	29.97	+ 11	58	56	— 2	SW	4	m	2	68	54	—		
Rochefort	30.07	65	W	8	b	30.09	+ 16	64	59	— 0	WSW	4	o	2	68	57	0.28		
Biarritz	30.14	65	WSW	7	c	30.12	+ 14	64	59	+ 1	SSE	4	b	1	70	59	0.12		
Corunna	*	*	*	*	*	30.11	+ 01	66	65	+ 3	S	3	o	3	72	55	—		
Brussels	*	*	*	*	*	29.88	+ 23	59	56	— 0	SW	4	b	*	68	55	0.08		
Charleville																			
Paris	29.87	67	WNW	3	b	30.00	+ 27	57	55	— 5	SW	3	b	*	71	50	—		
Lyons	29.96	58	NNE	1	o	30.06	+ 13	58	54	+ 1	WNW	1	b	*	76	54	0.24		
Nice	29.84	68	W	1	o	29.82	— 12	72	58	— 1	W	0	b	1	77	57	0.32		

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 the Meteorological Office, London.

WEATHER CHARTS

for 8 a.m. on Sunday, 1st August

1886.

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.

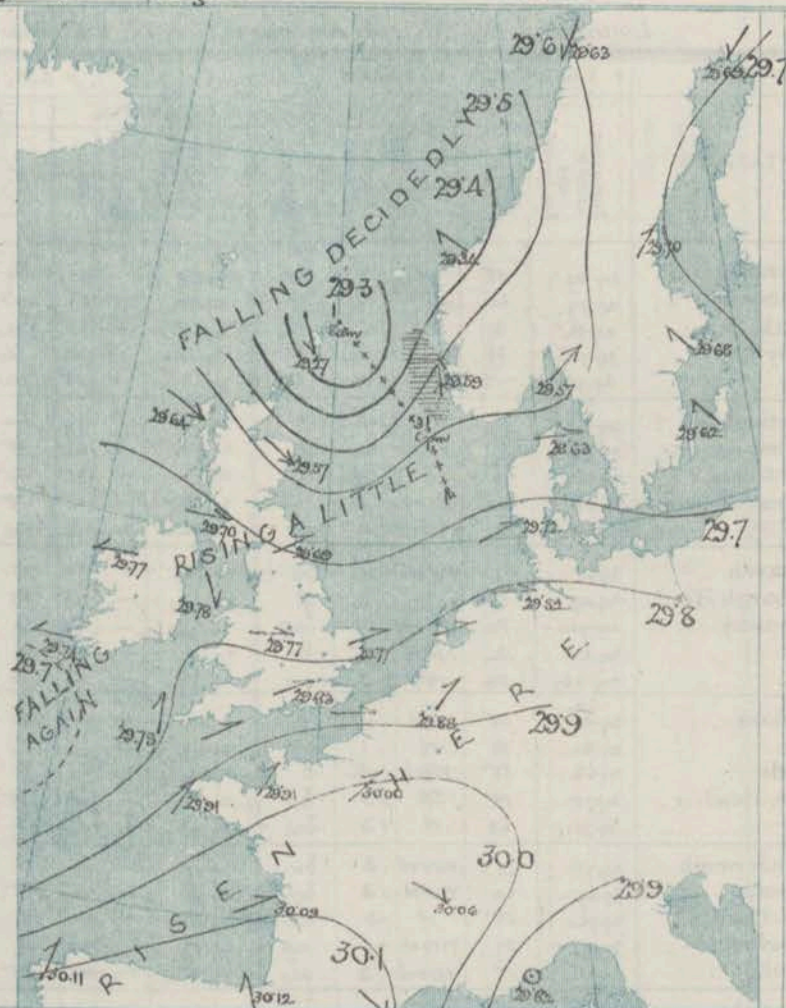
Sea Disturbance — where considerable, is shown thus

■ — Rough. ■ — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

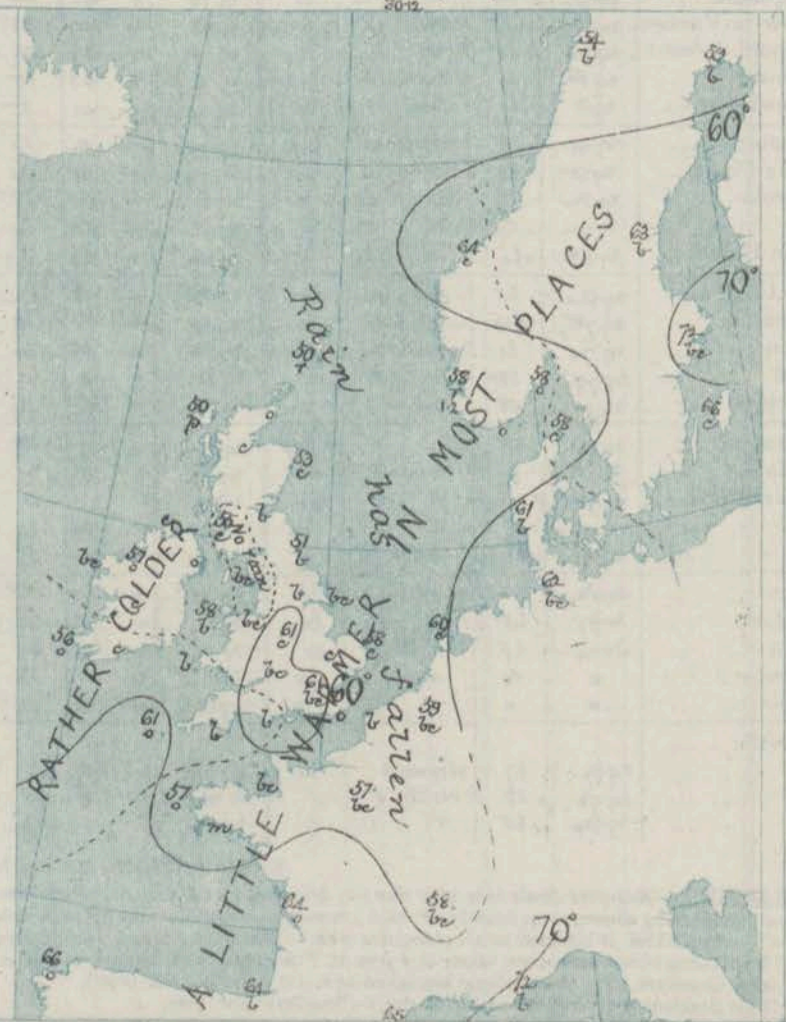
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 5 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.66
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80; the Rainfall means are mainly those for the 20 years 1866—85.



REMARKS.

for

Sunday 1st August

1886

at 8 a.m.

In the course of the past twenty-four hours the barometer has risen considerably over France, the Netherlands, and the eastern parts of our Islands, and readings now vary from a little above 30.1 ins. over the Iberian Peninsula to 29.2 ins. near the Shetlands - where a small depression is now found. In the meantime a new depression has begun to approach our southwest coasts from the Atlantic. Thus, while W³ breezes prevail over France, and NW³ at our northern stations S⁴ to E³ winds have set in on our southeastern coasts and in the west of Ireland. Temperature is low: - it varies from 76 at Comua and 75 at Perpignan to 50° in the north of Scotland. At Kice, however, it is as high as 72°. Fair, but not settled, weather prevails over England and France, but in the far north rain is falling, and in the southwest the sky is assuming a showery unsettled appearance.

The sea is moderate to smooth.

FORECASTS

for the 24 hours ending at NOON on 2nd August
(Issued at 11 a.m. on the previous day.)

1886.

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

None issued

None issued

None issued

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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.50	58	57	ESE	2	r	3	Holyhead	29.77	60	57	SW	3	bc	2
Sumburgh Head	29.49	55	54	ENE	1	o	2	Valencia	29.91	62	58	WNW	4	c	4
Stornoway	29.70	53	52	N	3	op	2	Scilly	29.92	62	58	WNW	4	bc	4
Aberdeen	29.60	60	55	NW	4	bc	1	Dungeness	29.73	66	63	WNW	4	c	2
Shields	29.67	55	51	WSW	2	r	3	London	29.74	69	61	WNW	3	bc	*
Ardrossan	29.67	63	58	WSW	3	bc	2	Yarmouth	29.71	62	57	N	3	bc	3
Malin Head	29.71	58	53	WNW	2	o	1	Jersey	29.87	64	61	WNW	4	b	3
Mullaghmore	29.77	60	56	WNW	5	c	4	Rochefort	30.02	67	61	W	8	c	4
Belmullet	29.82	58	55	NW	3	c	*								

REMARKS.

The barometer is falling a little in the north and north-east of Scotland, but rising elsewhere. No important change has occurred in the winds. The weather is fair in most places, but at Shields a thunderstorm has occurred and rain is falling. The sea is moderate to smooth.

CONTINENTAL INFORMATION

Yesterday morning's Continental report showed that pressure was highest over the Peninsula, the Mediterranean and South-eastern Europe, whence a well marked "ridge" extended northwards over Western Russia to the Baltic Provinces. Over the North Sea lay a small but somewhat complex depression. Thus the weather over Europe was unsettled in most places, but especially in the west, where a cyclonic circulation was accompanied by cloudy and very showery weather. On the northern coast of the Mediterranean temperature varied from 70° to 75°, while over the United Kingdom it ranged from 50° to 60°. The highest readings reported were 81° at Palma and 78° at Brindisi and Malta, while the lowest were 50° at Stornoway, and 51° at Kairi.

During the day the thermometer rose to between 70° and 75° over Sweden, and to 77° at Nice, but did not exceed 70° in any part of our Islands. Over the north midlands the maxima were but little above 60°, and in the north of Scotland they ranged from 55° to 59°.

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

DAILY WEATHER REPORT

for Monday 2nd August 1886.

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	29.68	61	Z	0	C	29.70	+ .01	67	62	+ 5	S	2	0	•	72	54	—		
Hernösand	29.63	63	SSE	2	r	29.58	— .12	62	61	— 1	SE	2	r	•	72	57	0.08		
Stockholm	29.63	62	SE	2	o	29.68	+ .05	59	55	— 13	WNW	2	c	•	73	55	0.12		
Wisby	29.62	62	NW	4	r	29.64	+ .02	60	55	— 6	WNW	4	c	•	75	57	—		
Bodö	29.54	62	Z	0	C	29.52	— .11	62	58	+ 8	E	2	0	•	?	54	0.04		
Christiansund	29.50	54	ENE	3	r	29.47	+ .13	56	53	— 8	NE	2	bc	2	?	48	0.32		
Skudenes	29.57	54	SSW	8	o	29.54	— .05	52	49	— 6	S	8	r	5	?	?	0.32		
Oxö (Xtiansand)	29.66	57	WSW	4	o	29.60	+ .04	57	52	+ 2	SW	4	c	2	61	50	0.16		
Skagen (The Skaw)	29.68	54	SW	1	b	29.67	+ .04	55	52	— 3	WSW	2	b	0	64	54	0.24		
Fanö	29.75	57	WSW	4	C	29.69	— .03	59	56	— 2	SW	3	C	•	64	55	0.04		
Cuxhaven	29.83	62	SW	3	r	29.78	— .04	61	60	— 1	SSE	2	b	•	65	59	0.96		
Sumburgh Head	29.20	49	W	5	r	29.27	+ .07	50	49	— 0	WNW	5	o	5	51	47	0.44		
Stornoway	29.60	50	NW	5	r	29.64	+ .04	50	48	— 0	NW	6	rg	4	56	45	0.16		
Wick	29.44	47	NW	7	o	29.49	+ .04	49	48	— 2	NW	7	o	4	55	44	0.10		
Nairn	29.55	53	WNW	4	bc	29.57	— .01	51	48	+ 1	WNW	3	C	3	59	47	—		
Aberdeen	29.54	57	W	3	bc	29.58	+ .01	52	48	— 1	WNW	4	C	1	61	47	—		
Leith	29.63	59	NW	3	b	29.65	+ .02	55	50	— 1	NW	2	C	•	65	45	—		
Shields	29.65	62	WSW	3	b	29.66	— .03	47	45	— 4	W	2	C	2	62	44	—		
Spurn Head	29.70	62	Z	0	bc	29.67	— .04	53	52	— 5	N	3	cp	2	62	52	0.02		
York	29.70	62	W	3	b	29.70	— .02	52	48	— 5	WNW	2	o	•	66	46	—		
Loughborough	29.71	65	SW	1	C	29.72	— .05	51	50	— 10	NW	2	dg	•	69	50	0.04		
Ardrossan	29.68	55	WNW	3	bc	29.71	+ .01	54	50	— 1	W	3	o	2	61	50	—		
Malin Head	29.71	55	N	4	bc	29.82	+ .05	52	49	+ 1	N	5	C	4	58	49	—		
Mullaghmore	29.73	57	N	5	CN	29.83	+ .06	54	49	— 3	NW	4	o	2	60	52	—		
Belmullet	29.75	56	NE	2	C	29.88	+ .10	54	50	— 1	NNW	1	og	•	62	49	—		
Donaghadee	29.71	54	S	2	o	29.78	+ .02	53	51	— 0	N	4	C	2	57	45	—		
Barrow-in-Furness	29.70	58	NNW	2	bc	29.72	— .01	52	49	— 3	N	3	o	•	59	50	—		
Liverpool (Bidston)	29.71	58	NW	1	bc	29.74	— .02	54	49	— 2	NW	2	o	3	62	52	—		
Holyhead	29.73	57	NNW	3	bc	29.77	— .01	53	50	— 5	N	4	C	2	62	52	—		
Parsonstown	29.69	60	Z	0	o	29.76	— .01	55	51	— 0	N	1	b	•	62	45	0.07		
Valencia	29.65	57	ENE	2	o	29.88	+ .14	58	56	+ 2	N	1	C	2	61	57	0.40		
Roche's Point	29.65	57	E	4	r	29.83	+ .04	55	52	+ 1	NNE	3	b	3	60	50	0.25		
Pembroke	29.67	60	ESE	1	C	29.76	— .05	56	53	— 2	N	3	bc	2	62	53	0.01		
Scilly	29.58	63	WSW	4	of	29.77	— .01	58	57	— 3	NNW	2	o	5	63	55	0.05		
Prawle Point	29.63	57	E	3	f	29.72	— .14	58	57	— 1	N	3	cg	3	62	54	0.42		
Hurst Castle	29.71	58	ESE	1	m	29.66	— .20	59	58	— 3	N	2	C	1	65	57	0.17		
Dungeness	29.80	61	WSW	3	C	29.58	— .23	61	61	+ 2	W	4	m	2	65	57	0.22		
London	29.76	62	S	3	r	29.63	— .20	59	57	— 2	NNE	2	og	•	70	56	0.12		
Oxford	29.70	58	S	1	r	29.69	— .11	54	51	— 6	NNW	2	ogw	•	69	54	0.19		
Cambridge	29.72	68	W	1	o	29.65	— .15	56	56	— 3	N	1	r	•	71	55	0.08		
Yarmouth	29.74	65	SSW	2	bc	29.63	— .14	58	57	— 0	NNE	3	od	3	67	56	0.10		
The Helder	29.78	61	SW	1	C	29.63	— .14	59	58	— 1	S	1	C	1	64	55	—		
Cape Gris Nez	29.81	60	W	4	bc	29.66	— .19	60	59	— 0	SW	5	r	4	64	57	0.20		
Jersey	29.67	62	SSW	4	o	29.70	— .21	60	59	+ 1	W	6	omp	5	63	52	0.22		
Brest																			
Lorient	29.78	63	WSW	7	r	29.83	— .14	62	60	+ 4	W	8	o	5	66	55	0.47		
Rochefort	29.96	66	SW	8	o	29.97	— .12	66	64	+ 2	W	8	r	3	70	61	0.08		
Biarritz	30.06	78	NW	3	b	30.03	— .09	68	64	+ 4	SSE	3	o	2	81	64	—		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*														
Charleville																			
Paris	29.89	65	SSW	3	r	29.75	— .25	64	60	+ 7	W	5	bc	*	72	?	0.24		
Lyons																			
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).

Fred* Dangerfield Lark London

WEATHER CHARTS

for 8 a.m. on Monday, 2nd August.

1886.

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.

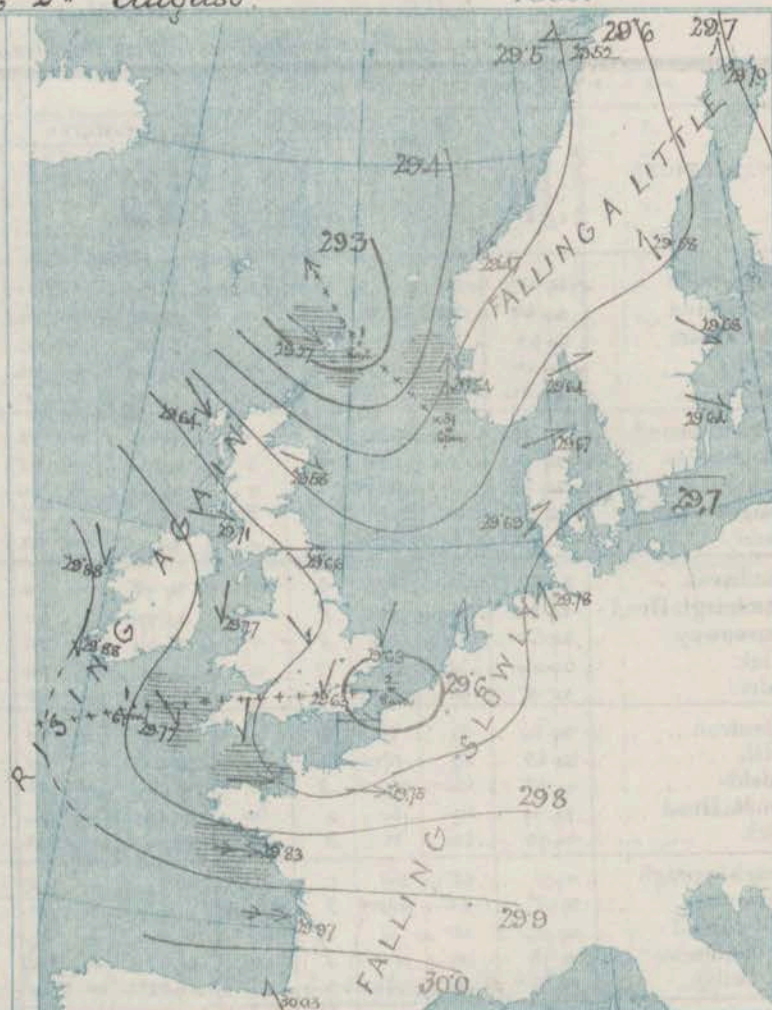
Sea Disturbance—where considerable, is shown thus

— Rough. — High

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of August.
During the 10 years 1871–1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.940
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

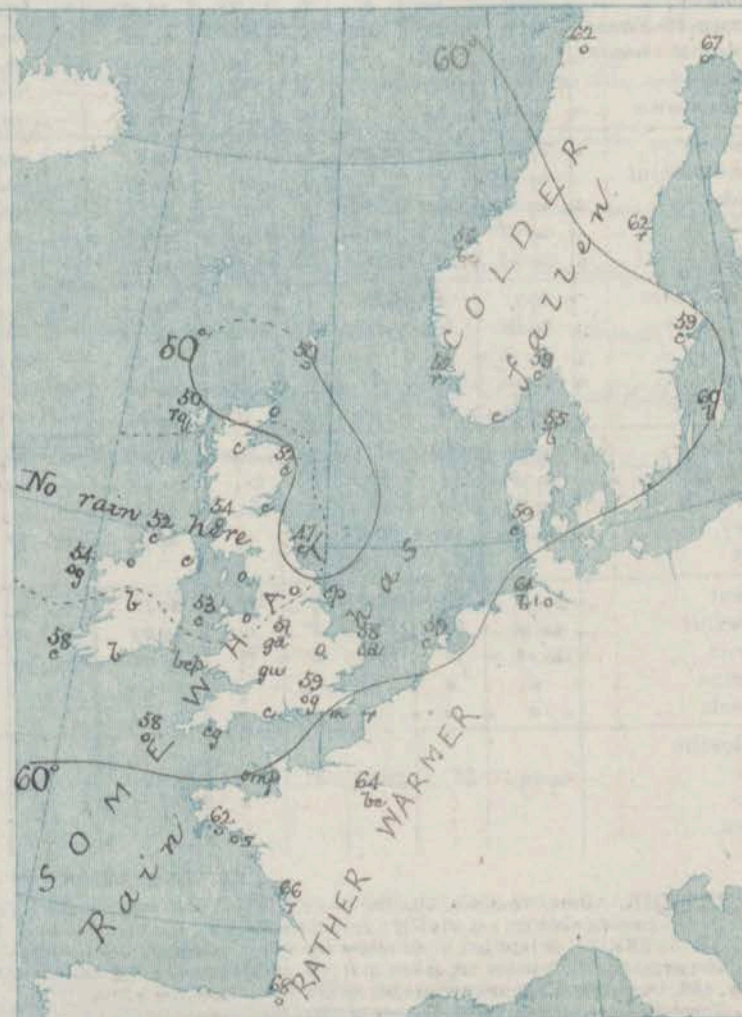
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS.	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 a.m.	
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	40.2	55.8	53.0	3.57
Wick	61.3	48.7	55.6	53.0	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.0	57.3	55.9	2.39
Holyhead	65.2	55.7	58.9	56.0	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.50
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.42
Hurst Castle	67.9	56.8	61.7	59.8	2.81
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.30
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE—The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 20 years 1866–85.



REMARKS.

for MONDAY 2nd AUGUST 1886 at 8 a.m.

The depression which lay between the Shetland Islands and Norway yesterday morning has moved a little to the northward, while the new system which was then advancing towards our southwestern coast from the Atlantic, has travelled eastwards and now lies off our southeastern coast. $NW^{\frac{3}{4}}N$ and $N^{\frac{1}{4}}W$ winds have consequently set in over the United Kingdom generally, and though light or moderate in most places, blow strongly in the north of Scotland, and freshly at Sumburgh Head. Temperature over the British Islands is very low generally for the time of year, the readings reported varying from 47° at Shields, 49° at Wick & 51° at Loughborough to 58° on our southwestern coast. In the north of Scandinavia, however, (where the wind is $SE^{\frac{3}{4}}E$) the thermometer is as high as 62° to 67° . Rain has fallen both in the southern parts of our area and also in Scotland, and the fall continues at several stations; in the west and southwest, however, the weather is clearing. The sea is rather rough in the far north & at Scilly, slight or smooth elsewhere.

As the disturbance in the southeast passes off dry, $N^{\frac{1}{4}}W$ and $NW^{\frac{3}{4}}N$ winds will probably spread all over England, but with cold weather, especially at the inland stations to night.

NOTE: - Many of the Continental Reports have failed to reach us this morning.

FORECASTS

for the 24 hours ending at NOON on 3rd AUGUST 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	$NW^{\frac{3}{4}}N$ winds, strong; squally, showery; then more $W^{\frac{1}{4}}N$ with improving weather.	6 { SCOTLAND WEST	$N^{\frac{1}{4}}W$ to $NW^{\frac{3}{4}}N$ breezes, moderate; fair as a whole. Cold at night, especially inland.
1 { SCOTLAND EAST	$NW^{\frac{3}{4}}N$ to $W^{\frac{1}{4}}N$ breezes; showery to fair.	7 { ENGLAND N.W.	.....D° D° D°
2 { ENGLAND N.E.	.....D° D° D°	8 { ENGLAND S.W.	.....D° D° D°
3 { ENGLAND EAST	$N^{\frac{1}{4}}W$ to $NW^{\frac{3}{4}}N$ breezes; rainy to fine.	9 { IRELAND NORTH	.....D° D° D°
4 { MIDLAND COUNTIES	Same as N° 1 and 2.	10 { IRELAND SOUTH	.....D° D° D°
5 { ENGLAND SOUTH	$NW^{\frac{3}{4}}N$ to $W^{\frac{1}{4}}N$ winds, improving weather. Cold at night.	WARNINGS	NONE ISSUED.

YESTERDAY'S 2 P.M. REPORTS

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.55	55	52	S	8	1	5	Rochefort	30.06	68	63	SW	5	0	2

CONTINENTAL INFORMATION.

The Continental Reports for yesterday morning showed that pressure was highest over Russia on the one hand, and over Spain and the south-west of France on the other. A low-pressure area covered north-western Europe, whence a large "hollow" spread southwards over Germany, Austria, Italy and the Adriatic. Thus while over Russia the Eastern-central and the northern parts of Europe light S^W winds prevail with fine warm weather, S^W to NW winds were reported over the British Islands and France, with cold, cloudy, unsettled weather and rain in places. Temperature varied from between 70° and 79° over South-eastern Europe and the Mediterranean to between 60° and 68° over Western Russia, The Baltic, Sweden and Finland. The highest readings reported were 79° at Palermo, Brindisi and Palma, 72° at Nice and 68° at Stockholm, the lowest 50° in the north of Scotland and 57° at Bodo.

In the course of the day the thermometer reached 81° at Biarritz and 70° to 75° over Sweden, but did not rise above 71° in any part of our islands. Over the midland counties the maxima were but little above 60°, and in the north of Scotland they were as low as 50° and 55°.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 25TH TO THE 31ST JULY 1886.

The weather of the past week has remained in a very changeable, unsettled state, with heavy rain over England and less important falls in Ireland and Scotland.

The highest pressures have been located mostly over France or Spain, and in the course of the week several depressions have passed across our islands in an easterly direction. These have been mostly small and shallow, but on the night of the 25th a somewhat important disturbance was formed over England and on the following day its centre travelled slowly in a north-easterly and northerly direction over the North Sea. The formation of this disturbance was attended by general thunderstorms and very heavy rain over our northern and midland counties, the highest amounts in the twenty-four hours ending the 26th being 2.2 in at York, 1.8 in at Oxford, 1.4 in at Cambridge and 0.9 in in London. During the subsequent twenty-four hours further heavy falls were experienced in the north the largest being 1.4 in at Barrow-in-Furness and 1.1 in at Shields.

On the 29th other but shallower disturbances advanced from the westward, and on the morning of the 30th a large area of low-pressure, with two or three distinct minima, lay over our islands. By the morning of the 31st this also had passed on to the North Sea, but the general appearance at the close of the week was far from settled.

Temperature has been low for the time of year especially on the 27th when the minimum readings over our islands were below 65° generally, and below 60° at all but the extreme southern and south-eastern stations.

for TUES. day — 3rd August 1886.
Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.

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

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).
 22. e. easterly; g. gale; 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 (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. Meyerhold Lith. London

WEATHER CHARTS

for 8 a.m. on

Tuesday 3rd August

1886.

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.

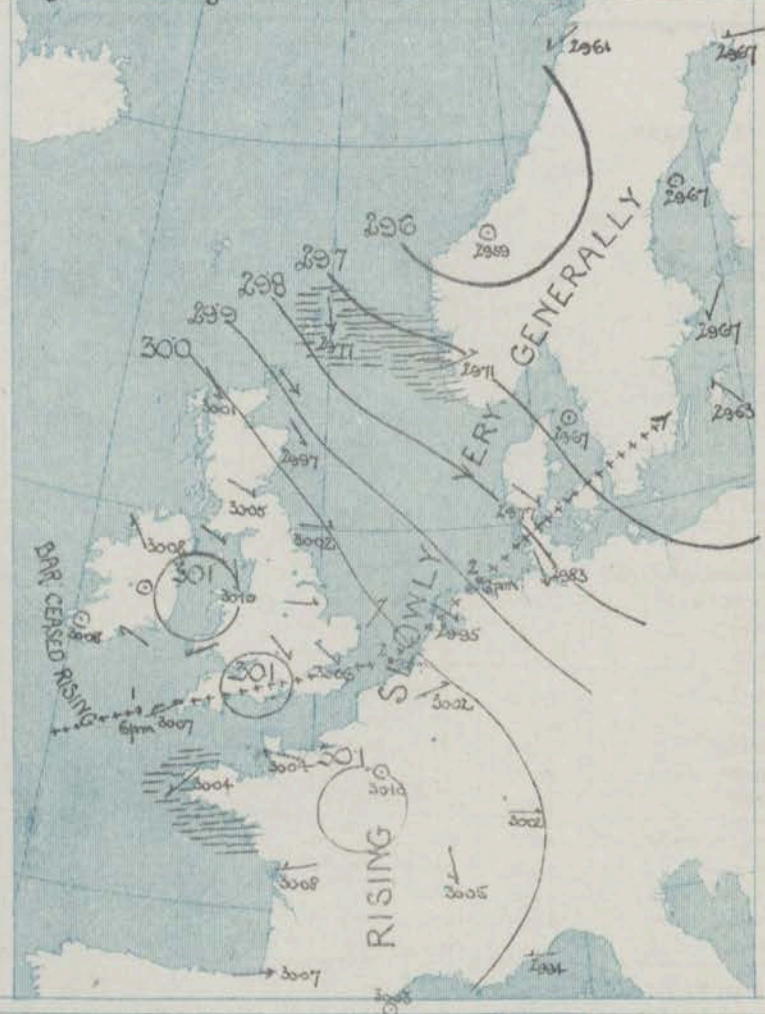
Sea Disturbance — where considerable, is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



for *TUESDAY 3RD AUGUST 1886 at 8 a.m.*

At Oxford the thermometer on the grass fell last night to 34° . The sea is rather rough at ~~St~~ ^L ~~amburgh~~ ^{amburgh} Head, but moderate to smooth elsewhere.

At Valencia the barometer seems to have ceased rising, and the present high pressure system is therefore not likely to prove permanent.

For the 24 hours ending at NOON on 4th AUGUST 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW th winds, fresh to W th moderate; fair generally.	6	SCOTLAND WEST	NW th to SW th winds, light; fair to cloudy and unsettled.
1	SCOTLAND EAST	NW th winds, light; fine generally, warmer.	7	ENGLAND N. W.	.....D.....D.....D.....
2	ENGLAND N. E.	.....D.....D.....D.....	8	ENGLAND S. W.	NE th to SE th winds, moderate; fine to cloudy and unsettled.
3	ENGLAND EAST	Same as N ^o 5.	9	IRELAND NORTH	SE th winds, freshening; fair to unsettled and some rain.
4	MIDLAND COUNTIES	Same as N ^o 5.	10	IRELAND SOUTH	.....D.....D.....D.....
5	ENGLAND SOUTH	N th winds, light; fine, warmer.	WARNINGS		NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wes.	Wind.	Wes.	Sea.		
Skudesnaes	29.59	56	50	S	7	0	5	Holyhead	29.88	58	54	NW	4	bc	2
Sumburgh Head	29.39	53	51	NW	5	c	4	Valencia	29.96	63	59	NW	3	bv	3
Stornoway	29.45	50	48	NW	6	cp	5	Scilly	29.89	60	55	NE	4	c	5
Aberdeen	29.64	58	52	NW	4	cp	1	Dungeneas	29.71	58	50	N	5	0	3
Shields	29.70	60	51	W	2	c	2	London	29.79	58	52	NW	3	c	*
Ardrossan	29.79	57	53	WNW	5	bc	4	Yarmouth	29.7	52	51	NNW	3	r	4
Malin Head	29.92	55	51	N	4	bc	5	Jersey	29.86	62	60	NW	3	c	3
Mullaghmore	29.92	57	52	NNW	5	cv	4	Rocheport	30.03	64	?	W	8	0	3
Belmullet	29.96	58	51	NW	2	0	*								

REMARKS.

The barometer is rising generally, and both the disturbances noticed this morning are passing off. Rain still falls in the extreme north and east, but in London it has ceased since noon and the sky is clearing. The sea is still rather rough in the extreme north and at Scilly, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning's Continental reports showed that pressure was still highest over the Mediterranean and the Spanish Peninsula, and lowest to the northward of our Islands. A depression lay between the Shetlands and Norway, while another was found off the south-east coast of England, and was moving eastwards. Light variable breeze and warm, but rather showery weather prevailed over Central Europe and the west of Russia, while cold NW² (W to N) winds and wet unsettled weather were experienced over Western Europe. Temperature at 8 am varied from 70° and upwards over all the northern shores of the Mediterranean and from about 70° over parts of Finland to much below 60° over the British Isles and to less than 50° in the north of Scotland. The highest individual readings reported were 83° at Luchal (Madira), 81° at Biskra (Algeria), 80° at Brindisi, and 71° at Uleaborg; the lowest 47° at Shields, 49° at Mick, and 50° at Sumburgh Head and Stornoway.

During the day the thermometer did not rise much above 60° over our Islands, but reached 81° at Lyons, 79° at Nice and 73° at Paris.

DAILY WEATHER REPORT

for Wednesday — 4th August 1886.

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.	Reading at 32° F. and Sea Level.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).			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	29.66	65	E	2	c	29.73	+ .06	67	59	0	2	0	b	•	77	59	—		
Hernösand	29.64	62	Z	0	c	29.65	— .02	64	58	+ 2	NW	4	b	•	77	52	—		
Stockholm	29.67	60	Z	0	b	29.69	+ .02	63	59	+ 2	SSE	2	b	•	73	52	—		
Wisby	29.65	62	NE	4	b	29.67	+ .04	61	58	— 2	NW	4	b	•	73	52	—		
Bodö	29.73	53	WSW	2	f	29.84	+ .23	52	51	— 10	W	2	r	1	—	48	0.47		
Christiansund	29.79	54	NNE	3	f	29.95	+ .39	51	49	— 4	ENE	4	f	2	57	48	—		
Skudesnæs	29.88	52	WNW	6	r	29.88	+ .17	56	53	+ 1	NNW	6	o	4	—	52	—		
Oslo (Christiansand)	29.80	59	W	4	b	29.80	+ .08	58	53	+ 4	WNW	4	c	2	61	54	—		
Skagen (The Skaw)	29.74	56	W	3	b	29.75	+ .08	59	53	— 2	WNW	3	b	1	63	54	—		
Fanö	29.94	54	WNW	5	c	29.99	+ .22	53	50	— 1	WNW	6	c	•	61	50	0.08		
Cuxhaven	30.03	59	NNW	4	b	30.06	+ .23	59	59	0	NNW	3	b	•	59	57	—		
Sumburgh Head	29.98	48	N	4	o	30.10	+ .33	48	44	0	N	2	o	3	51	43	—		
Stornoway	30.09	51	SE	3	og	30.07	+ .06	52	50	+ 2	S	3	b	3	56	39	0.01		
Wick	30.08	52	NW	4	b	30.12	+ .19	51	48	+ 3	S	1	b	0	54	30	—		
Nairn	30.07	55	W	1	c	30.10	+ .13	53	50	+ 2	Z	0	b	0	59	40	—		
Aberdeen	30.07	57	NNW	2	b	30.13	+ .16	55	50	+ 3	SW	1	b	0	61	38	—		
Leith	30.04	63	W	1	b	30.13	+ .11	52	49	— 2	NW	1	b	•	67	45	—		
Shields	30.09	54	SE	2	b	30.14	+ .12	53	50	+ 2	S	2	b	2	58	44	—		
Spurn Head	30.10	55	E	3	b	30.16	+ .14	54	51	+ 2	ESE	3	b	2	58	51	—		
York	30.09	60	E	1	c	30.16	+ .11	52	49	+ 1	ENE	1	o	•	65	48	—		
Loughborough	30.10	59	W	2	c	30.15	+ .09	55	53	+ 3	NE	1	c	•	65	49	—		
Ardrrossan	30.09	57	W	2	b	30.12	+ .07	56	53	+ 2	Z	0	b	0	62	42	—		
Malin Head	30.09	53	ENE	2	c	30.12	+ .05	56	53	+ 3	S	3	b	2	56	50	—		
Mullaghmore	30.08	57	ENE	2	o	30.09	+ .01	57	54	+ 5	SSE	2	b	2	60	50	0.05		
Belmullet	30.08	57	N	1	o	30.07	— .01	57	55	0	S	4	c	•	65	50	—		
Donaghadee	30.12	55	S	2	b	30.14	+ .05	55	52	+ 1	S	2	b	0	59	38	—		
Barrow-in-Furness	30.10	57	W	3	b	30.13	+ .08	50	48	+ 1	WNW	3	c	•	59	48	—		
Liverpool (Bidston)	30.12	58	NNW	1	b	30.14	+ .06	57	51	+ 3	NNW	1	b	1	61	48	—		
Holyhead	30.12	55	NW	1	b	30.14	+ .04	56	53	+ 2	Z	0	b	0	58	46	—		
Parsonstown	30.09	58	S	1	o	30.13	+ .03	57	54	+ 3	Z	0	b	•	62	48	0.02		
Valencia	30.09	57	SE	3	rm	30.10	+ .02	58	56	+ 3	ESE	2.5	b	4	60	53	0.07		
Roche's Point	30.10	56	WNW	3	r	30.12	+ .06	56	53	— 1	SW	1	rm	3	61	52	0.12		
Pembroke	30.11	58	NNE	1	c	30.14	+ .05	59	54	+ 3	N	1	b	0	60	53	—		
Scilly	30.09	59	NNE	1	o	30.13	+ .06	61	55	0	ENE	1	c	3	63	55	—		
Prawle Point	30.11	56	ENE	2	o	30.13	+ .05	62	56	+ 4	NE	2	b	2	62	52	—		
Hurst Castle	30.11	60	SW	2	c	30.12	+ .02	59	57	+ 4	ENE	1	m	1	67	54	—		
Dungeness	30.09	60	W	3	b	30.12	+ .09	59	55	+ 5	SSE	2	c	1	64	54	—		
London	30.10	61	NW	2	b	30.13	+ .07	58	54	+ 3	Z	0	og	•	67	50	—		
Oxford	30.15	55	NNW	1	b	30.12	+ .03	53	51	— 1	Z	0	o	•	61	51	—		
Cambridge	30.10	64	NNW	1	b	30.15	+ .09	56	54	+ 1	N	1	o	•	67	49	—		
Yarmouth	30.11	58	NE	2	b	30.15	+ .14	55	52	0	NE	3	b	3	60	52	0.01		
The Helder	30.10	56	NNW	3	c	30.12	+ .17	56	49	— 2	NW	1	c	2	59	54	—		
Cape Gris Nez	30.10	62	NW	1	b	30.11	+ .04	55	53	0	E	1	o	1	66	50	—		
Jersey	30.07	62	NE	3	omg	30.09	+ .05	55	54	— 6	NE	4	orm	3	68	55	0.05		
Brest	30.08	63	NNE	3	o	30.09	+ .05	57	56	— 2	N	3	o	3	68	55	—		
Lorient	30.06	65	WNW	4	o	30.08	+ .04	59	57	— 2	NW	4	c	3	73	54	—		
Rochefort	30.12	69	W	5	o	30.13	+ .05	65	62	— 1	W	5	c	2	75	61	—		
Biarritz	30.14	68	WSW	5	o	30.17	+ .10	67	63	— 1	SW	4	o	2	73	63	—		
Corunna	*	*	*	*	*	30.26	+ .13	63	60	— 4	E	1	o	•	73	57	—		
Brussels	*	*	*	*	*	30.14	+ .12	55	50	0	ENE	0	o	•	66	48	—		
Belfort	30.05	60	W	3	b	30.08	+ .06	58	54	— 5	E	3	c	•	67	52	0.20		
Paris	30.10	63	E	1	b	30.09	— .01	57	54	+ 3	NNE	1	o	•	71	52	—		
Lyons	30.05	67	WNW	1	c	30.07	+ .02	63	60	+ 1	NW	1	c	•	76	58	0.04		
Nice	29.93	71	Z	0	o	29.95	+ .09	69	64	+ 2	NE	3	c	2	81	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).

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 4TH August 1886.

BAROMETER, WIND & SEA.

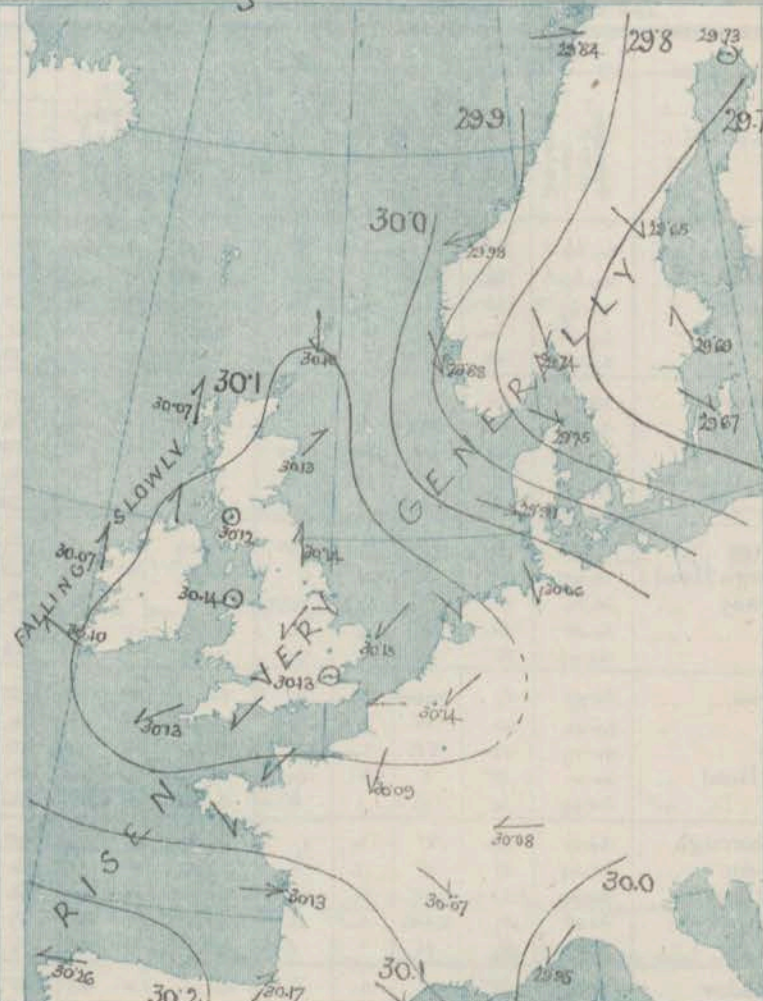
(Explanation of Map)

- 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 6 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 August.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



REMARKS.

for WEDNESDAY 4th AUGUST 1886 at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise generally, and a large anticyclone in which readings exceed 30.1 in. now covers the whole of the United Kingdom, while another high pressure system is lying over Spain & the southwest of France. The wind is light or moderate from the SEth on our extreme west and northwest coasts and strong from the NW on the eastern shores of the North Sea, but at our southern stations it is light from NE, while over the Bay of Biscay it is W^{ly}. The weather is at present fair in most places, but fog prevails in the east of Scotland and rain is falling at Roch's Point and Jersey. Solar halos were seen yesterday at Holyhead, Hurst Castle, Babbacombe and in London. Temperature has risen a little in most places and readings over our islands now range from 62° at Prawle Point to 48° at Sumburgh Head. At Wick the sheltered thermometer is reported to have fallen last night to 30°. The sea is moderate at Valencia, but slight or smooth elsewhere.

Since last evening a slight fall of the barometer has set in on our extreme west coasts, and the general appearance is not yet settled.

FORECASTS

For the 24 hours ending at NOON on 5th AUGUST 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^{ly} & SW ^{ly} winds, freshening, fine to cloudy and some rain.	6 { SCOTLAND WEST	S ^{ly} winds, light; fair generally.
1 { SCOTLAND EAST	light variable airs; fine, warmer.	7 { ENGLAND N. W.	Same as N ^o 1 and 2.
2 { ENGLAND N. E.	-----D-----D-----D-----	8 { ENGLAND S. W.	Same as N ^o 5.
3 { ENGLAND EAST	Same as N ^o 5.	9 { IRELAND NORTH	SE ^{ly} and S ^{ly} winds, moderate or fresh, unsettled, rain locally.
4 { MIDLAND COUNTIES	Same as N ^o 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	Variable or NE ^{ly} airs; fine, warmer.	WARNINGS	NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes	29.78	56	53	W	6	0	4	Holyhead	30.12	55	50	NNW	1	c	2
Sumburgh Head	29.92	49	45	NNW	5	c	5	Valencia	30.10	59	56	SE	3	0	3
Stornoway	30.07	54	51	W	2	p	0	Scilly	30.10	62	53	ENE	1	0	4
Aberdeen	30.03	60	52	NNW	4	bc	1	Dungeness	30.08	63	56	WNW	3	b	2
Shields	30.08	56	49	NE	2	c	2	London	30.09	62	55	WNW	2	bc	*
Ardrossan	30.08	60	52	WNW	1	b	0	Yarmouth	30.07	59	55	NNE	4	bv	3
Malin Head	30.09	55	50	ENE	2	c	1	Jersey	30.07	66	58	SE	1	bc	1
Mullaghmore	30.09	57	52	WNW	1	0	1	Rochefort	30.12	70	64	WNW	4	c	2
Belmullet	30.10	59	52	WNW	1	0	*								

REMARKS.

The barometer continues to rise generally, and the wind on our east coasts has varied to the NE^d while that in the north of Ireland has shifted to W. The weather is dull on our extreme west and south-west coasts, but fair or fine elsewhere. The sea is rather rough at Sumburgh Head, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning's Continental Reports showed that pressure had become uniformly high over Western and Southwestern Europe, while it was lowest over the Baltic, Scandinavia, Finland, and Western Russia. Cool NW^d winds were consequently chiefly prevalent in the former regions, with very showery weather at the French stations, but fair weather over the United Kingdom. Over Austria, Germany, the Baltic and Finland, however, the weather was finer and warmer, the readings at Kuopio being 20° higher than those at Sumburgh Head and Wick, and 13° higher than that in London. The temperature varied from between 70° and 80° on the northern shores of the Mediterranean, from 68° at Kuopio, and from between 60° and 65° over Central Europe to between 50° and 60° over the greater part of the United Kingdom and France. The highest individual readings were 81° at Palma, 78° at Khindisi and 76° at Trieste; the lowest 48° at Sumburgh Head and Wick, 50° at Stornoway and 51° at Naun and York.

DAILY WEATHER REPORT

for *Thursday* — 5th August 1886.

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	29.66	66	NE	2	b	29.74	+ 01	67	59	0	NE	2	b	*	79	55	-	
Hernösand	29.71	61	WNW	4	o	29.69	+ 04	62	58	- 2	N	4	bc	*	79	52	0.08	
Stockholm	29.67	61	2s	0	o	29.71	+ 02	57	54	- 6	N	4	o	*	72	52	-	
Wisby	29.68	59	WSW	4	b	29.67	- 00	60	57	- 1	W	4	o	*	70	59	-	
Bodö	29.96	51	NW	2	o	29.91	+ 07	53	51	+ 1	NNE	2	o	1	54	50	0.28	
Christiansund	30.03	51	NE	4	o	29.95	- 03	51	46	0	NE	4	c	2	52	45	-	
†Skudesnaes	29.89	54	NW	7	c	29.94	+ 06	54	50	- 2	NW	4	o	4	59	54	-	
Oxö (Stiansand)	29.83	59	NNE	1	o	29.88	+ 08	59	54	+ 1	NNE	2	c	2	61	55	0.04	
Skagen (The Skov)	29.80	58	NW	1	c	29.79	+ 04	57	54	- 2	NNE	3	c	1	64	53	-	
Fanö	29.96	53	WNW	6	c	29.94	- 05	53	52	0	WNW	6	o	*	59	52	0.04	
Cuxhaven	30.09	58	N	4	bc	30.07	+ 01	57	56	- 2	WNW	4	o	*	59	53	-	
†Sumburgh Head	30.06	50	SSW	1	b	29.91	- 19	51	50	+ 3	S	3	o	2	55	43	-	
†Stornoway	30.00	57	S	4	c	29.80	- 27	55	53	+ 3	S	5	o	5	59	51	0.04	
Wick	30.04	52	S	1	bc	29.88	- 24	54	52	+ 3	S	2	o	1	58	47	-	
Nairn	30.00	61	2s	0	b	29.88	- 22	54	52	+ 1	2s	0	c	0	63	44	-	
†Aberdeen	30.08	54	S	2	bc	29.94	+ 19	59	53	+ 4	SSW	2	bc	1	60	44	-	
Leith	30.07	59	WNW	1	bc	29.98	+ 15	57	52	+ 5	NW	1	bm	*	64	44	-	
†Shielda	30.07	61	SSW	3	c	30.03	- 11	53	50	0	SW	1	mu	2	64	46	-	
Spurn Head	30.12	57	SE	3	b	30.07	- 09	57	55	+ 3	SSW	3	b	2	59	50	-	
York	30.09	60	S	1	c	30.06	- 10	54	50	+ 2	S	1	c	*	63	44	-	
Loughborough	30.11	63	ESE	1	b	30.08	- 07	56	55	+ 1	ESE	1	bm	*	66	43	-	
†Ardrossan	30.07	57	SW	1	bc	29.95	- 17	58	56	+ 2	ESE	1	c	1	62	47	-	
Malin Head	30.02	61	SSW	1	c	29.80	- 32	58	56	+ 2	S	4	og	2	64	53	-	
†Mullaghmore	30.02	64	S	4	c	29.83	- 26	60	58	+ 3	SSW	5	og	3	65	56	-	
†Belmullet	29.97	59	SSW	2	o	29.79	- 28	60	59	+ 3	SSW	6	og	*	62	57	-	
Donaghadee	30.10	57	SW	3	bc	29.96	- 18	58	56	+ 3	SSW	2	bc	0	61	50	-	
Barrow-in-Furness	30.10	59	WNW	2	b	30.06	- 07	52	50	+ 2	WNW	2	o	*	60	50	-	
Liverpool (Bidston)	30.11	61	NW	1	b	30.04	- 10	59	54	+ 2	SE	1	em	1	63	50	-	
†Holyhead	30.12	58	SW	3	bc	30.02	- 12	58	56	+ 2	S	3	c	2	63	54	-	
†Parsonstown	30.07	63	SSW	1	c	29.89	- 24	61	59	+ 4	SSW	1	og	*	64	55	-	
†Valencia	30.04	60	SE	5	ou	29.89	- 21	59	59	+ 1	SSW	3	om	4	61	57	0.26	
Roche's Point	30.12	60	S	2	c	29.93	- 20	60	60	+ 4	SSW	3	f	3	63	53	0.05	
Pembroke	30.13	59	SW	2	bc	30.03	- 11	59	57	0	S	3	o	3	62	54	-	
†Seilly	30.12	63	SSW	1	c	30.02	- 11	61	59	0	S	5	o	5	66	57	-	
Prawle Point	30.14	60	W	2	bc	30.12	- 01	57	56	- 5	S	1	c	1	65	53	-	
Hurst Castle	30.13	61	WNW	1	em	30.13	+ 01	61	59	+ 2	2s	0	bc	0	70	49	-	
†Dungeness	30.10	59	E	3	c	30.11	- 01	59	56	0	SW	2	b	2	68	49	-	
†London	30.13	60	SE	1	c	30.12	- 01	59	56	+ 1	SW	1	bcw	*	63	49	-	
†Oxford	30.13	56	NW	1	b	30.10	- 02	60	56	+ 7	S	1	bw	*	66	49	-	
†Cambridge	30.14	60	WNW	1	c	30.09	- 06	58	51	+ 2	S	1	b	*	66	46	-	
†Yarmouth	30.16	58	E	2	b	30.13	- 02	55	52	0	SSW	1	bc	2	60	50	-	
The Helder	30.13	56	WNW	1	c	30.12	- 00	57	52	+ 1	NW	1	b	1	59	55	-	
Cape Gris Nez	30.11	59	NE	5	bc	30.14	+ 03	57	54	+ 2	SW	1	bc	0	68	48	-	
†Jersey	30.13	60	NNE	3	bm	30.13	+ 04	60	56	+ 5	ESE	2	bm	2	65	53	0.04	
Brest	30.15	60	N	3	o	30.12	+ 03	59	56	+ 2	SSW	5	o	4	64	54	-	
Lorient	30.13	66	NW	3	bc	30.15	+ 07	60	57	+ 1	ESE	4	c	2	75	50	-	
†Rochefort	30.16	67	WNW	1	b	30.20	+ 07	62	59	- 3	E	1	b	2	72	54	-	
Biarritz	30.21	67	WNW	5	o	30.20	+ 03	64	62	- 3	SW	4	c	2	70	63	-	
†Coruna	*	*	*	*	*	30.23	- 03	66	65	+ 3	WNW	3	N	2	77	63	0.08	
Brussels	*	*	*	*	*	30.15	- 01	54	50	- 1	E	1	b	*	65	47	-	
†Belfort	30.04	58	E	3	N	30.07	- 01	58	53	0	E	3	b	*	66	49	0.16	
Paris	30.07	63	NNE	1	o	30.15	+ 06	54	52	- 3	NNE	3	bc	*	71	50	-	
Lyons	30.02	67	WNW	4	c	30.06	- 01	59	55	- 4	WNW	4	c	*	73	57	-	
Nice	29.88	75	2s	0	bc	29.84	- 11	69	64	0	E	1	bc	0	81	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, light; 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.

WEATHER

CHARTS

for 8 a.m. on Thursday 5th August 1886.

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 —

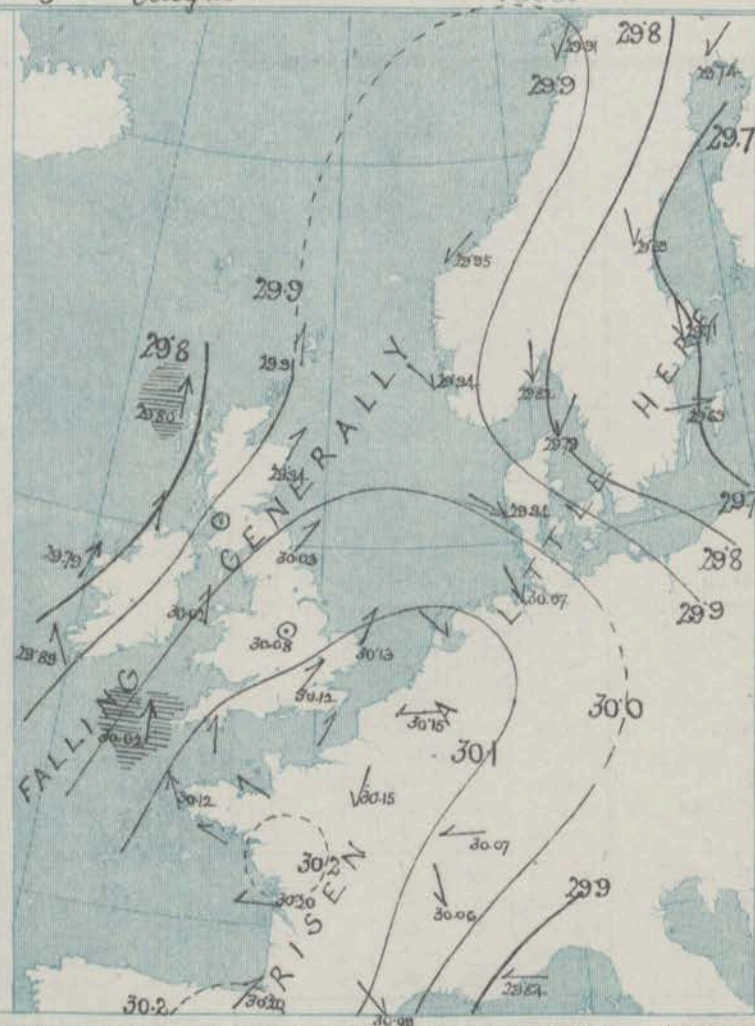
→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 [wavy line] = Rough. [solid line] = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

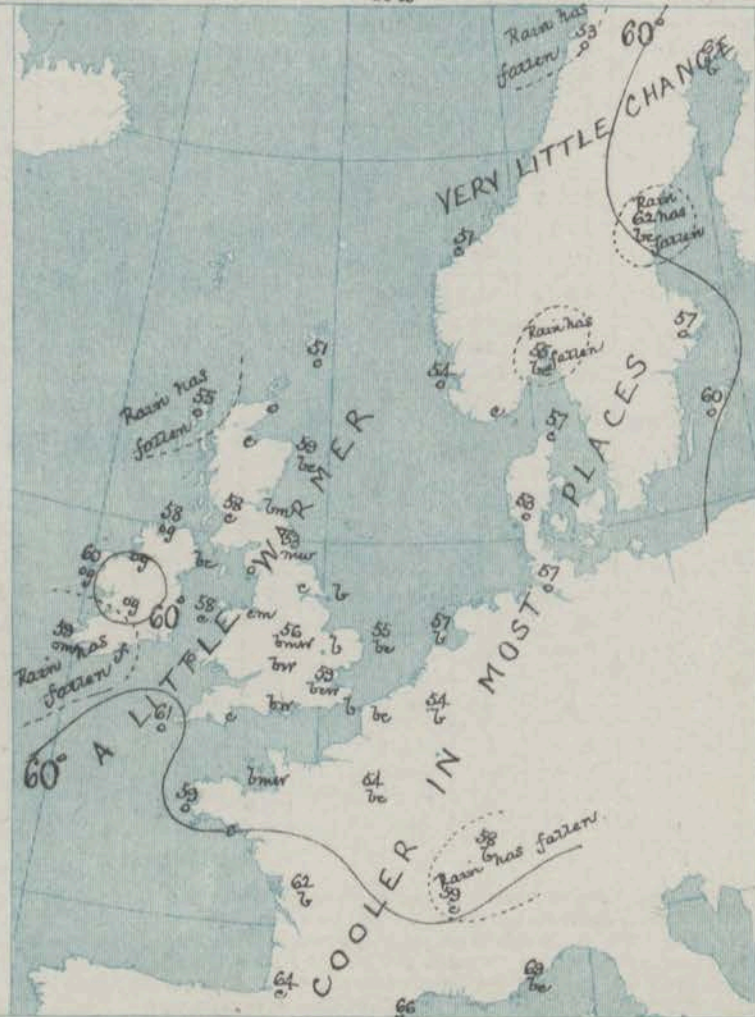
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS.	TEMPERATURE				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.8	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.0	2.06
LONDON	72.3	64.2	61.9	58.5	2.20
Oxford	69.6	63.9	59.8	57.3	2.33
Cambridge	71.9	62.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



REMARKS.

for Thursday 5th August 1886 at 8 a.m.

The anticyclone which lay over our Islands yesterday has completely broken up, some depressions have begun to move along our western coasts, and the barometer is now falling in all parts of the Kingdom. In France, however, pressure is still high and rising. Moderate to strong NW or N breezes are reported on the eastern shores of the North Sea, but in our Islands the wind has backed to the SW or S, while in the west of France it has shifted to the E; on our extreme north-west coast it blows fresh or strongly. The weather is dull at our western and extreme northern stations, as well as on the eastern shores of the North Sea, but fair or fine elsewhere. Temperature has risen a little in our Islands, but fallen at most of the Continental stations; readings over the United Kingdom now range from 61° at Barmston and Scilly to 51° at Lumburgh Head. The sea is rather rough at Hornsey and Scilly, moderate to smooth elsewhere.

The depressions which are lying off our western coasts may, possibly spread eastwards over our Islands, and occasion unsettled weather over England.

FORECASTS

for the 24 hours ending at NOON on 6th August 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^{ty} breezes, fresh; cloudy, some rain.	6 { SCOTLAND WEST	S ^{ty} winds, moderate; cloudy, some rain.
1 { SCOTLAND EAST	S ^{ty} winds, moderate; fine to unsettled and some rain.	7 { ENGLAND N. W.	-----D ^o -----D ^o -----D ^o -----
2 { ENGLAND N. E.	-----D ^o -----D ^o -----D ^o -----	8 { ENGLAND S. W.	S ^{ty} and SW ^{ty} winds, fresh; cloudy, some rain.
3 { ENGLAND EAST	Same as N ^o 5	9 { IRELAND NORTH	-----D ^o -----D ^o -----D ^o -----
4 { MIDLAND COUNTIES	Same as N ^o 5	10 { IRELAND SOUTH	-----D ^o -----D ^o -----D ^o -----
5 { ENGLAND SOUTH	S ^{ty} and SW ^{ty} winds, light or moderate; fair to unsettled, perhaps rain.	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	29.89	51	54	NW	7	c	4	Holyhead	30.15	58	52	NW	1	b	1
Sumburgh Head	30.09	52	47	WSW	1	bc	2	Valencia	30.07	60	58	SE	5	og	5
Stornoway	30.03	58	54	S	5	c	5	Scilly	30.15	64	58	SSW	1	bc	2
Aberdeen	30.11	57	52	S	3	b	1	Dungeness	30.09	61	56	SE	3	o	3
Shields	30.09	63	54	SSW	2	c	2	London	30.12	63	58	2	o	og	*
Ardrossan	30.10	59	55	SW	1	bc	1	Yarmouth	30.16	59	53	c	3	b	3
Malin Head	30.11	59	56	E	2	o	1	Jersey	30.12	62	57	NE	3	bc	3
Mullaghmore	30.06	63	56	SSW	3	c	2	Rocheport	30.15	71	67	WNW	5	bc	2
Belmullet	30.06	61	57	SSW	2	o	*								

REMARKS.

The barometer is now falling in most parts of our Islands and the wind at Valencia is freshening from the SE^d. The weather is dull in the west of Ireland and also in London, but fine elsewhere. The sea is rather rough at Stornoway and Valencia.

CONTINENTAL INFORMATION

The Continental Reports have not arrived.

DAILY WEATHER REPORT

for Friday - 6th August 1886.

Issued by the Meteorological Office, 116, Victoria Street, London; R. M. 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.		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	29.70	63	NE	2	c	29.75	+ .01	60	54	- .7	NE	4	b	*	73	54	-	
Hernösand	29.72	60	SE	0	bc	29.73	+ .04	64	60	+ 2	N	2	o	*	75	55	-	
Stockholm	29.71	60	SE	0	o	29.70	- .01	61	59	+ 4	N	2	o	*	68	54	-	
Wisby	29.68	58	W	4	b	29.67	- .00	62	59	+ 2	W	4	b	*	68	57	-	
Bodö	29.82	55	SE	0	b	29.81	- .01	56	55	+ 3	WSW	1	b	0	57	48	-	
Christiansund	29.84	51	NE	2	b	29.78	- .06	55	49	+ 4	S	1	b	1	55	41	-	
† Skudesnaes	29.88	51	NE	2	bc	29.80	- .08	53	50	- 1	ESE	2	c	3	?	50	-	
† Sandness	29.77	59	WSW	3	bc	29.78	+ .01	60	58	+ 3	WSW	2	bc	2	?	?	-	
Skagen (The Skaw)	29.79	56	W	2	bc	29.77	- .02	58	54	+ 1	NE	2	b	1	64	54	-	
Fanö	29.94	53	W	4	b	29.89	- .05	60	57	+ 7	WSW	4	c	*	61	52	-	
Cuxhaven	30.08	59	NE	4	b	30.02	- .06	60	59	+ 3	SW	2	m	*	60	56	-	
† Sumburgh Head	29.76	52	S	2	o	29.62	- .14	52	52	+ 1	WSW	4	f	4	55	49	0.02	
† Stornoway	29.65	57	SSW	5	o	29.75	+ .10	51	51	- 4	ESE	2	o	2	57	49	0.12	
Wick	29.67	55	S	2	o	29.72	+ .05	54	53	- 1	WNW	2	o	1	60	50	0.03	
Nairn	29.68	61	W	1	c	29.73	+ .05	57	56	+ 3	SE	2	b	1	67	54	0.02	
† Aberdeen	29.79	56	SSW	3	nm	29.77	- .02	60	58	+ 1	SSW	1	c	0	64	53	0.08	
Leith	29.81	61	SW	2	n	29.80	- .01	60	57	+ 3	W	2	c	*	67	55	0.03	
† Shields	29.88	64	WSW	3	o	29.80	- .08	60	57	+ 3	WSW	3	c	2	66	51	-	
Spurn Head	29.95	64	SW	3	e	29.84	- .11	61	60	+ 4	WSW	4	c	2	67	56	0.02	
York	29.94	62	SSW	3	o	29.85	- .09	64	60	+ 10	WNW	2	b	*	69	52	-	
Loughborough	29.97	63	SW	1	o	29.90	- .07	63	61	+ 2	WSW	3	o	*	69	55	0.01	
† Ardrossan	29.79	56	ESE	3	o	29.86	+ .07	58	57	- 1	NE	1	b	0	60	54	0.03	
Malin Head	29.78	57	W	3	f	29.84	+ .06	56	56	- 2	SW	3	m	3	63	54	0.02	
† Mullaghmore	29.84	59	W	5	o	29.90	+ .06	58	58	- 2	SW	4	o	2	67	57	0.01	
† Belmullet	29.87	59	WNW	3	o	29.91	+ .04	59	59	- 1	W	4	o	*	63	55	0.03	
Donaghadee	29.81	59	S	2	n	29.90	+ .09	58	57	- 1	W	2	o	0	60	55	0.03	
Barrow-in-Furness	29.91	58	S	5	n	29.88	- .03	57	56	+ 5	NE	3	o	*	61	51	0.22	
Liverpool (Bidston)	29.92	60	S	1	o	29.92	- .00	57	57	- 2	W	3	o	2	65	57	0.05	
† Holyhead	29.90	58	SSW	5	nm	29.95	+ .05	59	59	- 1	W	2	o	2	60	56	0.05	
† Parsonstown	29.87	63	WSW	1	o	29.98	+ .11	60	59	- 1	SE	0	o	*	68	56	-	
Valencia	29.96	61	SE	2	o	30.06	+ .10	62	61	+ 3	W	4	o	4	64	57	0.08	
Roche's Point	29.90	64	S	1	c	30.00	+ .10	64	61	+ 4	WNW	2	bc	3	66	58	0.06	
Pembroke	29.94	59	S	3	f	29.98	+ .04	59	58	- 1	NE	2	o	2	60	58	0.03	
† Scilly	29.95	61	WSW	5	f	30.02	+ .07	60	59	- 1	NE	4	f	5	64	58	0.40	
Prawle Point	30.01	58	S	1	c	29.99	- .02	61	61	+ 4	W	2	o	2	62	56	-	
Hurst Castle	30.03	62	SSW	3	c	29.97	- .06	62	62	+ 1	WSW	2	o	1	66	59	0.05	
† Dungeness	30.06	62	WSW	2	bc	29.94	- .12	63	62	+ 4	WSW	2	bc	1	65	58	-	
† London	30.02	65	SSW	2	o	29.94	- .08	64	61	+ 5	WSW	2	o	*	70	58	-	
Oxford	30.01	61	SSW	2	o	29.94	- .07	62	60	+ 2	SW	1	o	*	68	57	-	
Cambridge	30.02	67	SW	1	n	29.91	- .11	64	62	+ 6	SW	1	o	*	71	55	-	
† Yarmouth	30.00	62	SSW	3	c	29.88	- .12	61	58	+ 6	SW	2	bc	2	65	54	-	
The Helder	30.03	59	WSW	1	c	29.93	- .10	60	56	+ 3	SW	1	o	2	64	55	-	
Cape Gris Nez	30.08	63	SSW	1	b	29.97	- .11	63	61	+ 6	SW	4	o	3	68	55	-	
† Jersey	30.03	64	SE	1	o	29.99	- .04	61	61	+ 1	WSW	3	f	3	66	59	0.02	
Brest	30.02	60	SSW	5	n	30.01	- .01	59	59	0	N	3	m	3	64	54	-	
Lorient																		
† Rochefort	30.17	69	W	4	bc	30.11	- .06	65	64	+ 3	SSW	5	o	2	73	61	0.04	
Biarritz	30.16	70	W	3	b	30.10	- .06	63	62	- 1	ESE	3	m	0	73	61	0.04	
Corunna	*	*	*	*	*	30.23	+ .03	66	51	0	N	4	f	3	72	45	0.20	
Brussels	*	*	*	*	*	30.04	- .11	59	53	+ 5	SSW	3	o	*	66	57	-	
Belfort	30.06	69	E	1	o	30.09	+ .03	64	51	- 4	W	1	b	*	64	49	-	
Paris	30.09	65	NE	1	bc	30.07	- .02	58	55	+ 4	S	1	o	*	72	50	-	
Lyons	30.04	65	NE	4	bc	30.10	+ .06	59	52	+ 0	N	1	b	*	70	55	-	
Nice	29.85	69	W	4	o	29.95	+ .10	69	63	0	SE	0	b	2	81	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 (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in 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 Friday, 6th August 1886.

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.

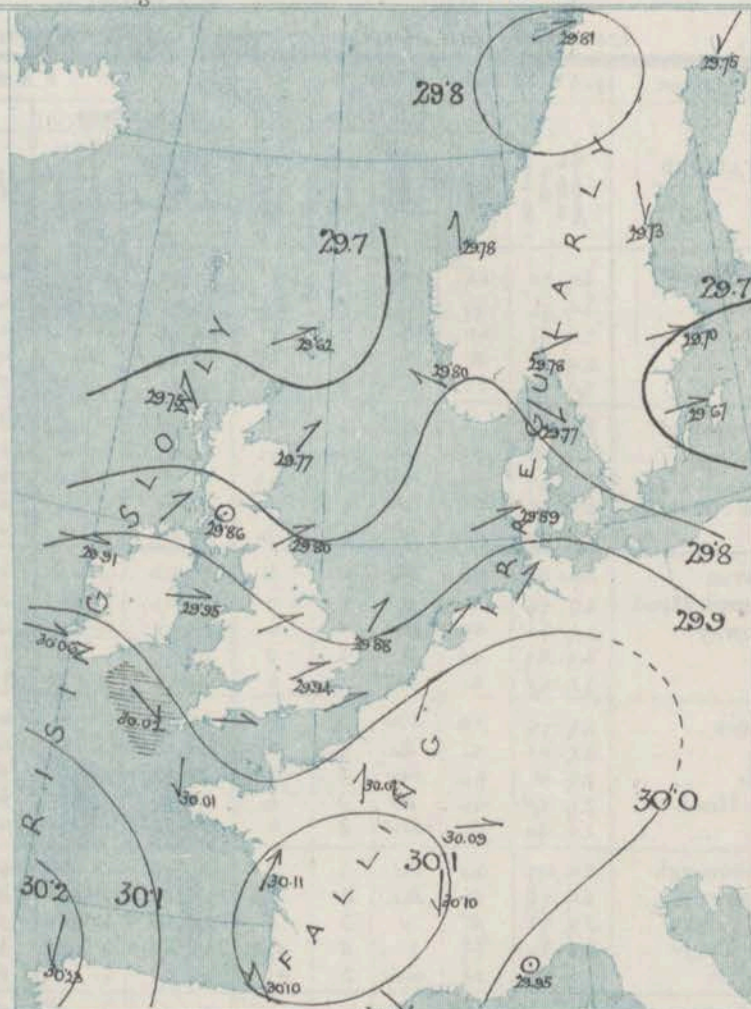
Sea Disturbance—where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.808
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

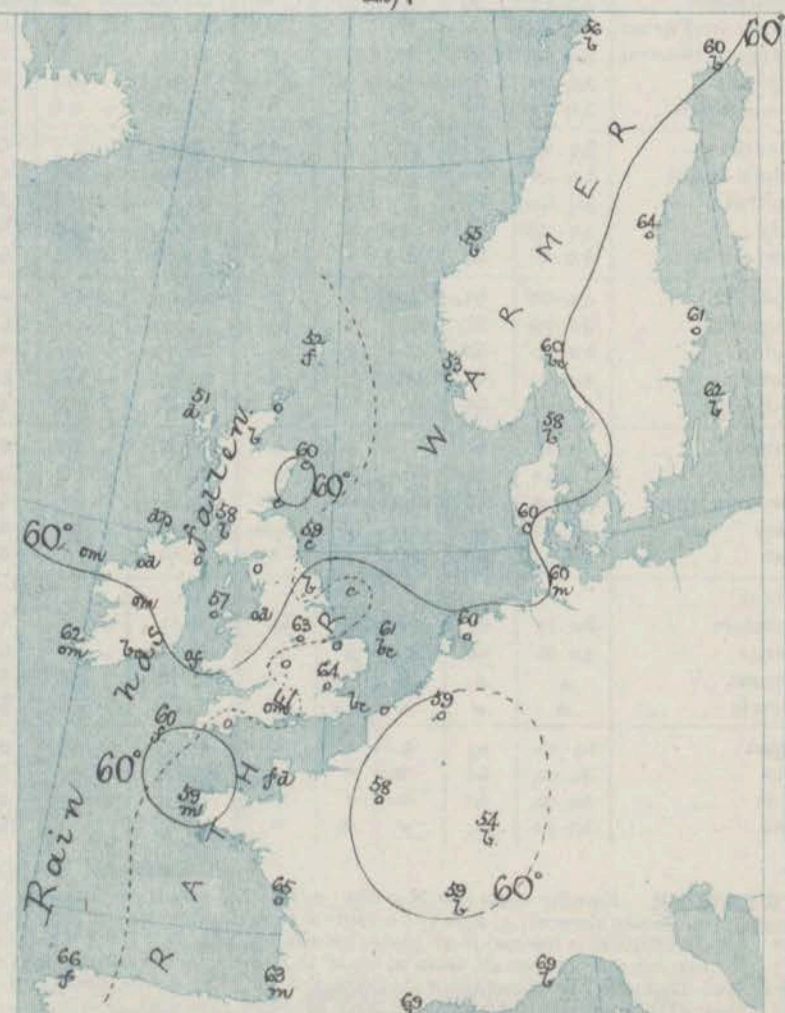
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	A t 8 a.m. Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	8.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	69.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	60.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



for Friday 6th August

The depressions which lay to the westward of our Islands yesterday morning and which prove to have been small and shallow have since advanced to our east coasts, and the barometer is now rising again at all our more western stations. Elsewhere, however, the mercury is falling irregularly, and the general appearance is very unsettled. The wind has veered to W. or NW. on many parts of our western coasts, but in the north and east of our Islands it is SW³, while in the west and north of France it is chiefly S³, in force it is light or moderate generally. The weather is fine in the north of Scandinavia and also on the east coast of Great Britain, but cloudy or overcast elsewhere, with drizzling rain on our NW. coasts. In the course of the past 24 hours rain has fallen at all but our south-eastern stations. A solar halo was seen at Jersey yesterday morning. Temperature has risen a little in most places, and readings over our Islands now range from 64° at York, Rockpoint, Cambridge and in London to 51° at Stromway. The sea is rather rough at Scilly, but moderate to smooth elsewhere.

The distribution of pressure is favourable for the advance of fresh depressions from the W.², and conditions are likely to remain very unsettled.

for the 24 hours ending at NOON on 7th August 1886.
(Issued at 11 a.m. on the previous day.)

Fredk. Dangerveld, Lith. London, 131.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wes.	Wind.	Wes.	Sea.		
Skudesnaes	29.93	58	51	NW	6	bc	4	Holyhead	29.94	58	57	SSW	5	0	3
Sumburgh Head	29.84	53	51	S	3	0	3	Valencia	29.94	63	63	W	3	nm	4
Stornoway	29.69	55	54	S	6	0	5	Scilly	29.97	61	61	S	5	0	5
Aberdeen	29.85	61	55	S	4	c	1	Dungeness	30.08	64	59	WSW	3	0	2
Shields	29.91	66	57	SSW	3	c	2	London	30.06	68	62	SSW	3	0	*
Ardrossan	29.86	66	55	SSW	3	0	2	Yarmouth	30.04	62	57	SE	4	0	3
Malin Head	29.72	63	62	SSW	4	0	2	Jersey	30.08	64	59	SE	1	c	1
Mullaghmore	29.80	63	61	W	5	0m	3	Rocheport	30.20	72	66	WNW	5	bc	2
Belmullet	29.81	61	60	W	4	0	*								

REMARKS.

The barometer is now rising again in the west of Ireland, and the wind there has veered to W. Elsewhere the mercury continues to fall, and on our east coasts the wind has backed. Rain has set in at Stornoway, Valencia, and Scilly, but at our eastern stations the weather remains fair. The sea is rather rough at Stornoway and Scilly.

CONTINENTAL INFORMATION.

Yesterday morning's Continental Reports showed that an anticyclone of irregular form lay over Western Europe, whence two long ridges extended - one in an easterly direction over Central Europe, the other in a northerly direction over the ^{outside the Norwegian} Atlantic coast. Over the Gulf of Finland there was a depression moving away to the Eastward, while a falling barometer in the west of Ireland pointed to the approach of fresh disturbances from the West. The weather over western and central Europe was cold and cloudy, and in some places showery, but both over southern and northern Europe the thermometer was higher. The 8 a.m. readings varied from between 70° and 77° over the northern shores of the Mediterranean and from 68° over Finland to very little above 50° in the extreme north-west of Europe and the British Isles. The highest individual readings reported were 81° at Biskra, 75° at Malta and 73° at San Fernando and Livourne, the lowest 51° at Christiansund and Sumburgh Hd, 53° at Shields and 54° at Wick, Naun and York.

During the day the thermometer rose to very little above 70° either at the French stations or over England.

DAILY WEATHER REPORT

for Saturday 7th August 1886.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										LAST 24 HOURS		
	Barometer at 59° 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.)	Barometer Reading at 37° 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	29.68	57	WSW	2	b	29.68	- 0.7	61	57	+ 1	N	2	b	•	73	54	-		
Hernösand	29.72	59	W	0	b	29.70	- 0.3	60	59	- 4	NE	2	b	•	75	59	-		
Stockholm	29.69	63	W	2	o	29.72	+ 0.2	63	60	+ 2	W	2	bc	•	70	55	0.08		
Wisby	29.69	61	W	4	b	29.72	+ 0.5	62	56	0	WNW	4	bc	•	72	55	-		
Bodö	29.79	54	N	2	b	29.65	- 1.6	65	60	+ 9	E	2	b	•	71	48	-		
Christiansund	29.67	54	N	1	c	29.68	- 1.0	54	52	- 1	W	0	o	0	55	50	-		
† Skudesnaes	29.74	56	S	2	o	29.74	- 0.6	57	53	+ 4	W	2	o	3	?	?	-		
Fardet	29.71	60	SSW	6	c	29.69	- 0.9	60	58	0	SSW	6	o	2	61	59	-		
Skagen (The Skaw)	29.78	58	W	2	c	29.71	- 0.6	57	57	- 1	SW	2	h	1	64	55	0.04		
Fanö	29.84	59	SW	4	c	29.79	- 1.0	59	58	- 1	WNW	4	c	•	64	57	0.08		
Cuxhaven	29.98	60	SW	3	o	29.91	- 1.1	62	61	+ 2	WNW	3	o	•	64	59	0.24		
† Sumburgh Head	29.69	51	WSW	2	o	29.61	- 0.1	53	52	+ 1	S	3	o	2	56	49	0.07		
† Stornoway	29.75	57	WSW	4	c	29.57	- 1.8	57	56	+ 6	SW	4	cp	4	62	49	0.04		
Wick	29.71	57	NW	1	o	29.57	- 1.5	56	55	+ 2	S	2	o	1	59	50	-		
Nairn	29.72	67	W	2	bc	29.62	- 1.1	56	56	- 1	WSW	1	c	1	70	50	0.04		
† Aberdeen	29.74	61	W	0	b	29.62	- 1.5	56	56	- 4	SSW	3	p	1	64	52	0.16		
Leith	29.82	63	W	1	bc	29.67	- 1.3	64	61	+ 4	SW	2	c	•	64	53	0.02		
† Shields	29.83	64	WSW	3	bc	29.76	- 0.4	61	60	+ 2	SW	3	c	2	69	57	0.11		
Spurn Head	29.84	66	W	3	b	29.85	+ 0.1	61	60	0	SSW	2	cp	2	67	58	0.06		
York	29.86	66	W	2	b	29.83	- 0.2	61	61	- 3	S	1	o	•	74	58	0.35		
Loughborough	29.90	70	WSW	3	o	29.88	- 0.2	67	64	+ 4	SW	3	o	•	76	59	-		
† Ardrossan	29.85	59	WNW	3	bc	29.73	- 1.3	62	60	+ 4	WNW	4	c	3	62	54	0.05		
Malin Head	29.86	60	W	2	c	29.73	- 1.1	56	55	0	W	5	c	5	62	56	0.16		
† Mullaghmore	29.91	60	WSW	1	om	29.83	- 0.7	59	57	+ 1	WSW	5	c	4	62	57	0.38		
Belmullet	29.90	60	SW	2	o	29.85	- 0.6	60	57	+ 1	W	5	bc	•	61	57	0.12		
Donaghadee	29.90	61	W	2	bc	29.79	- 1.1	64	63	+ 6	W	5	o	3	68	56	0.39		
Barrow-in-Furness	29.91	60	WSW	3	o	29.82	- 0.6	60	59	+ 3	SW	4	o	•	61	56	0.72		
Liverpool (Bidston)	29.92	66	W	3	b	29.85	- 0.7	63	61	+ 6	SW	2	o	2	66	57	0.10		
† Holyhead	29.94	61	SSW	3	bc	29.87	- 0.8	59	59	+ 2	SW	4	o	3	63	57	0.10		
Parsonstown	29.95	66	SW	1	c	29.91	- 0.7	61	58	+ 1	WSW	1	c	•	71	59	0.05		
† Valencia	30.05	60	WSW	3	om	29.99	- 0.7	61	60	- 1	WSW	3	c	4	64	58	0.04		
Roche's Point	30.01	70	W	3	bc	29.97	- 0.3	63	61	- 1	W	2	c	3	73	59	-		
Pembroke	30.01	60	WNW	2	f	29.98	- 0.0	60	60	+ 1	W	4	f	3	63	59	0.02		
† Seilly	30.07	60	WNW	3	f	30.07	+ 0.5	60	60	0	WSW	4	f	4	63	57	0.02		
Prawle Point	30.03	63	W	2	b	30.06	+ 0.7	60	60	- 1	W	3	om	3	69	58	0.01		
Hurst Castle	29.96	66	WSW	5	b	30.02	+ 0.5	63	62	+ 1	WSW	4	o	1	69	61	-		
† Dungeness	29.93	62	W	4	m	29.97	+ 0.3	63	62	0	WNW	4	m	3	67	58	-		
† London	29.91	75	W	1	bc	29.97	+ 0.3	65	62	+ 1	W	3	o	•	77	56	-		
Oxford	29.95	67	WSW	3	bc	29.95	+ 0.1	65	62	+ 3	SW	4	o	•	77	62	-		
Cambridge	29.89	72	NW	1	c	29.91	- 0.0	66	64	+ 2	SW	1	o	•	77	57	-		
† Yarmouth	29.87	66	E	1	b	29.89	+ 0.1	65	62	+ 4	WSW	2	bc	1	72	60	-		
The Helder	29.87	60	SW	1	o	29.88	- 0.5	62	61	+ 2	S	1	f	1	63	57	0.12		
Cape Gris Nez	29.95	63	SW	7	b	29.96	- 0.1	63	?	0	W	4	o	3	68	55	-		
† Jersey	30.04	60	WNW	4	of	30.11	+ 1.2	60	60	- 1	W	3	of	3	66	57	0.02		
Brest	30.10	59	N	3	m	30.15	+ 1.4	59	59	0	W	1	o	1	61	57	-		
Lorient	30.10	66	WSW	5	bc	30.16	+ 1.1	61	57	- 1	SW	5	m	2	70	54	-		
† Rochefort	30.13	68	NW	5	c	30.19	+ 0.8	68	66	+ 3	WSW	4	o	2	75	61	0.04		
Biarritz	30.16	68	W	4	o	30.17	+ 0.7	67	67	+ 4	W	1	cf	1	73	63	0.16		
Corunna	*	*	*	*	*	30.17	- 0.6	67	64	+ 1	NE	3	b	3	72	52	0.08		
Brussels	*	*	*	*	*	29.97	- 0.7	62	61	+ 3	WSW	4	o	•	69	?	-		
Belfort	30.09	59	W	3	bc	30.05	- 0.4	60	56	+ 6	W	3	bc	•	68	46	-		
Paris	30.02	72	WSW	3	c	30.09	+ 0.2	63	61	+ 5	W	3	o	•	78	?	-		
Lyons	30.07	70	NNE	3	b	30.14	+ 0.4	67	58	+ 8	ENE	1	b	•	73	56	-		
Nice	29.97	71	W	3	bc	30.08	+ 1.3	69	61	0	W	3	b	1	77	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).

WEATHER CHARTS

for 8 a.m. on Saturday 7th August 1886.

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
 [Symbol] = Rough. [Symbol] = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.820
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.925



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.

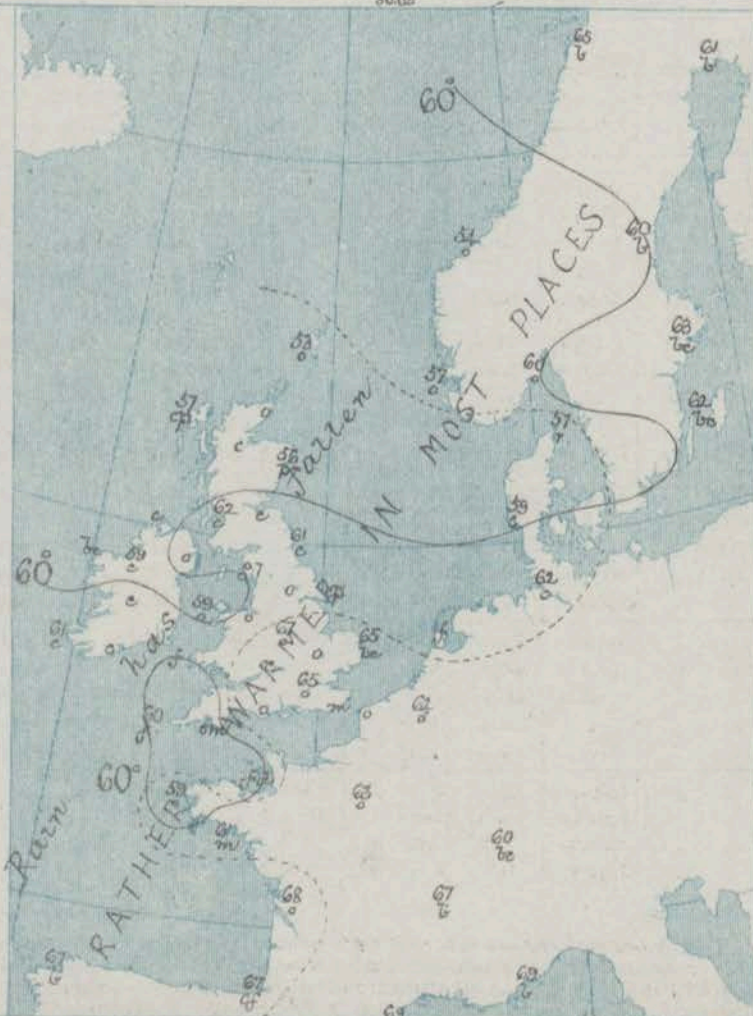
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average Dry	Average Wet	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.8	48.7	55.0	58.6	2.35
Nairn	63.6	50.0	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.0	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	58.8	57.1	4.66
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.8	2.46
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.0	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1868—85



for Saturday 7th August

In the course of the past night a new depression has appeared off the north of Scotland, and the barometer is now falling at all but our southern and the French stations, where a slight rise is in progress. Pressure is still highest in France and the north of Spain. The wind is light from the SWnd on our east coasts, but moderate or fresh from W. in the west and south. The weather is at present fair in most places, but showers are falling at Down, Aberdeen, & Spurn Head, and fog is reported in the south-west of England. Since yesterday morning rain has fallen at all but our south-eastern stations, the largest amount being 0.7 in. at Barrow in ^Y Fumero. Temperature has risen a little in most places, and readings over our Islands now range from 67° at Loughboro' to 53° at Sumburgh Head. During yesterday the thermometer rose to 74° at York, 76° at Loughboro' and 77° at Oxford, Cambridge and in London. The sea is rather rough at Malin Head but moderate to smooth elsewhere.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 3rd Inst. in Lat: 46° N. Long: 54° W. the barometer at 4 am(?) fell to 29.2 ins. during a fresh gale in which the wind shifted from SE. to W.

for the 24 hours ending at NOON on 8th August 1886.
(Issued at 11 a.m. on the previous day.)

Fredk Dangerfield, Lith. London, (131.)

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

ESTERDAYS 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.69	63	53	SSE	4	0	3	Holyhead	29.96	60	59	SSW	3	0	2
Sumburgh Head	29.67	55	53	WSW	3	c	3	Valencia	30.07	63	62	SW	3	om	4
Stornoway	29.71	62	59	W	5	cp	4	Scilly	30.06	62	61	WNW	2	f	4
Aberdeen	29.76	60	57	ESE	1	bc	0	Dungeness	29.94	64	63	W	4	c	2
Shields	29.83	68	60	N	3	c	2	London	29.93	73	68	N	3	c	*
Ardrossan	29.88	56	56	S	3	0	2	Yarmouth	29.87	69	63	N	2	bc	1
Malin Head	29.85	60	59	W	3	c	3	Jersey	30.03	68	64	NW	3	c	3
Mullaghmore	29.94	60	59	W	5	om	4	Rochefort	30.12	69	67	SSW	4	n	2
Belmullet	29.98	61	59	WSW	2	og	*								

REMARKS.

The barometer continues to rise a little at most of our western stations, but the wind has backed to the SW² in the west of Ireland. The weather remains fair in the east, but is dull in the west and foggy at Pelly. The sea is moderate to smooth.

CONTINENTAL INFORMATION.

Yesterday morning's Continental report showed that an anticyclone of irregular form, still covered Western and Central Europe, while shallow depressions lay, one over the Gulf of Finland and the other off our NW² coasts. Fine weather and light variable breezes prevailed except over France and the British Isles, where the wind was SW² (S to W) the sky was cloudy, and showers fell in several places. Temperature however, had begun to rise over England, Ireland and the west of France, but remained low over the eastern shores of the North Sea, Germany, and the eastern part of France, the 8 am readings varied from about 76° at Malta and in several parts of Algeria, and from between 70° and 75° on the northern shores of the Mediterranean to 51° in the extreme NW of Europe, and to below 50° in the NE. of France. The highest individual readings reported were 78° at Annaba (Algeria), 76° at Malta, and 73° at Barcelona and C. Bearn; the lowest 51° at Sumburgh Head and Stornoway and 49° at Charleville.

During the day the thermometer rose to between 74° and 77° over England, 78° at Paris, and to 81° at Perpignan but did not exceed 69° at Brussels and 68° at Belfort.

DAILY WEATHER REPORT

for Sunday — 8th August 1886.

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 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	Shade (0 to 9).	Max.	Min.	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).						
Haparanda																		
Hernösand																		
Stockholm																		
Wisby																		
Bodo	29.65	57	WSW	3	bc	29.64	— .01	54	54	— 11	Z	0	f	0		70	52	0.12
Christiansund	29.63	54	NE	3	c	29.62	— .06	53	53	— 1	WSW	4	r	2		57	50	—
Skudesnaes	29.63	57	S	6	r	29.78	+ .04	57	55	0	W	2	o	3		57	—	—
Fardær	29.66	60	S	6	c	29.66	— .03	60	58	0	WSW	4	b	2		63	59	—
Skagen (The Skaw)	29.72	56	WSW	3	c	29.71	— .00	60	59	+ 3	WSW	4	b	2		64	55	0.08
Fanø	29.80	61	SW	4	o	29.92	+ .13	62	59	+ 3	SW	4	bc			64	57	—
Cuxhaven	29.93	64	W	1	o	29.98	+ .07	65	64	+ 3	W	4	b			65	61	—
Sumbargh Head	29.59	54	W	4	c	29.66	+ .05	53	52	0	W	4	o	3		58	50	0.02
Stornoway	29.65	57	SW	5	cg	29.70	+ .13	56	53	— 1	SW	4	c	4		60	51	0.10
Wick	29.64	60	NW	1	bc	29.72	+ .15	58	55	+ 2	S	1	o	0		62	52	0.13
Nairn	29.67	60	WSW	2	c	29.74	+ .12	58	55	+ 2	SW	2	c	1		65	54	0.05
Aberdeen	29.72	63	W	3	c	29.76	+ .14	62	56	+ 6	Z	0	b	0		73	54	—
Leith	29.78	63	W	2	bc	29.83	+ .16	60	56	— 4	W	3	c			69	55	0.01
Shields	29.85	66	W	3	cp	29.90	+ .16	60	56	— 1	SW	2	o	2		70	51	0.01
Spurn Head	29.89	66	WNW	5	b	29.96	+ .11	60	59	— 1	WSW	3	c	2		68	57	—
York	29.91	64	WNW	1	c	29.97	+ .14	60	57	— 1	WSW	1	o			71	55	—
Loughborough	29.95	71	W	3	bc	30.01	+ .13	65	60	— 2	W	3	bc			76	57	—
Ardrossan	29.83	59	WSW	4	c	29.86	+ .13	57	56	— 5	WSW	3	o	2		63	55	—
Malin Head	29.82	58	W	4	o	29.82	+ .11	58	57	+ 2	W	3	opa	3		63	54	0.04
Mullaghmore	29.89	60	W	5	op	29.89	+ .00	59	56	0	SW	5	c	4		64	58	—
Belmullet	29.91	60	WSW	3	o	29.92	+ .07	59	56	— 1	SW	4	o			62	57	—
Donaghadee	29.90	65	W	4	c	29.92	+ .13	59	57	— 5	W	4	c	2		70	54	—
Barrow-in-Furness	29.90	60	SW	3	b	29.94	+ .12	59	57	— 1	WSW	3	o	*		62	57	—
Liverpool (Bidston)	29.95	64	W	3	b	29.98	+ .13	59	56	— 4	W	2	o	3		68	57	0.01
Holyhead	29.96	61	SSW	3	c	29.99	+ .12	58	56	— 1	SW	3	o	2		66	56	—
Parsonstown	29.98	63	W	1	c	29.99	+ .08	60	57	— 4	SW	1	og	*		66	56	—
Valencia	30.08	61	WSW	2	om	30.03	+ .04	62	59	+ 1	SW	3	bc	5		66	55	—
Roche's Point	30.00	65	W	2	c	30.03	+ .06	61	58	— 2	WSW	3	bc	2		70	56	—
Pembroke	30.02	60	WSW	4	bc	30.05	+ .07	58	57	— 2	W	3	c	2		62	58	—
Seilly	30.09	62	WSW	4	f	30.08	+ .01	61	61	+ 1	Z	0	f	4		66	58	0.06
Prawle Point	30.10	60	W	3	f	30.11	+ .05	61	61	+ 1	W	2	m	3		62	59	0.09
Hurst Castle	30.06	64	WSW	5	c	30.10	+ .08	64	62	+ 1	WSW	14	c			67	60	—
Dungeness	29.98	61	WNW	5	m	30.05	+ .08	61	61	— 2	WSW	4	f	3		67	60	—
London	29.98	72	WSW	3	bc	30.05	+ .08	67	63	+ 2	WSW	3	c	*		76	63	—
Oxford	30.03	64	SW	3	bc	30.05	+ .0	64	60	— 1	SW	3	bc	*		73	60	0.02
Cambridge	29.95	73	SW	2	b	30.02	+ .11	67	62	+ 1	SW	2	c	*		77	56	—
Yarmouth	29.98	74	W	2	b	30.02	+ .13	66	62	+ 1	WSW	2	b	2		76	58	—
The Helder	29.94	63	SW	3	c	30.01	+ .13	63	60	+ 1	WSW	2	bc	1		66	61	—
Cape Gris Nez	30.03	59	WSW	7	f	30.05	+ .09	62	61	— 1	SW	7	f	5		64	57	—
Jersey	30.13	64	WNW	3	b	30.15	+ .04	61	60	+ 1	NW	3	bc	3		64	59	—
Brest	30.17	64	WNW	1	o	30.15	— .00	60	60	+ 1	Z	0	o	2		64	57	—
Lorient	30.19	67	W	4	b	30.15	— .01	61	61	0	NNW	3	f	2		73	55	—
Rochefort	30.20	71	WNW	4	b	30.17	— .02	67	66	— 1	ENE	3	o	1		82	61	—
Biarritz	30.13	73	NNE	4	b	30.10	— .07	66	65	— 1	Z	0	f	0		75	64	—
Corunna	*	*	*	*	*	30.13	— .04	75	69	+ 8	N	1	bc	3		77	?	—
Brussels	*	*	*	*	*	30.09	+ .12	65	?	+ 3	WSW	14	o	*		73	62	—
Belfort																		
Paris	30.12	76	WSW	3	bc	30.19	+ .10	62	61	— 1	Z	0	o	*		80	55	—
Lyons	30.13	78	NE	1	b	30.19	+ .05	68	62	+ 1	E	1	b	*		82	60	—
Nice	30.11	67	WSW	3	b	30.18	+ .10	70	66	+ 1	Z	0	o	0		79	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).

Printed by Hangerfield, 15th London

WEATHER

for 8 a.m. on

CHARTS

Sunday 8th August

1886.

BAROMETER, WIND & SEA.

(Explanation of Map)

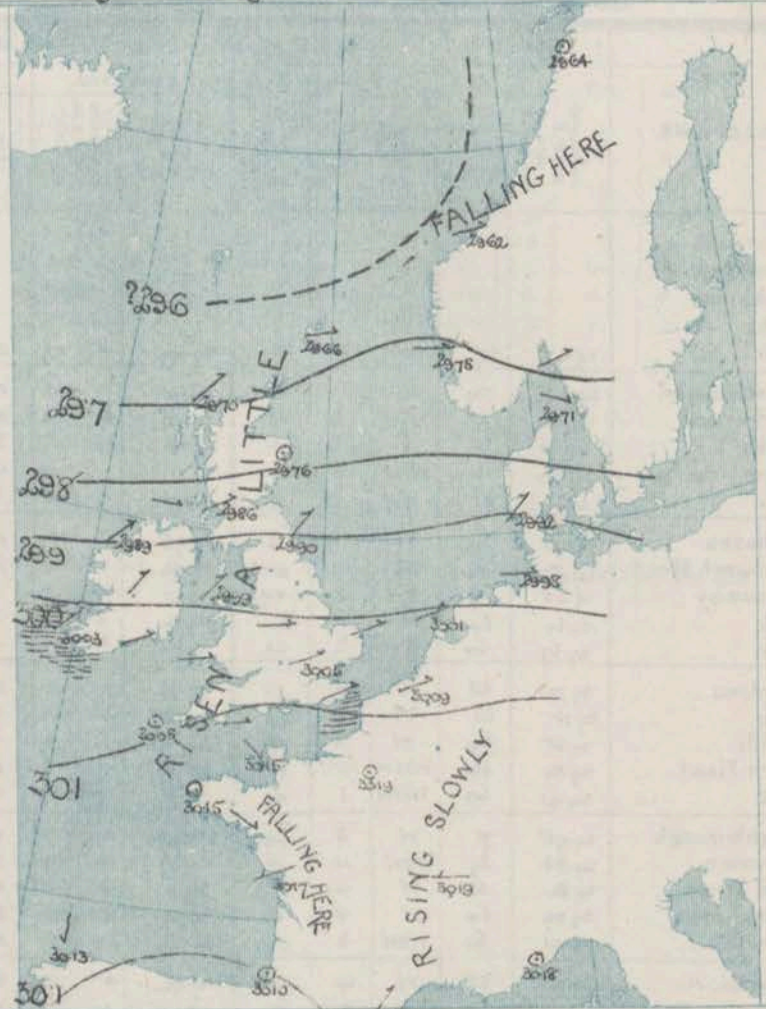
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙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

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.940
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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

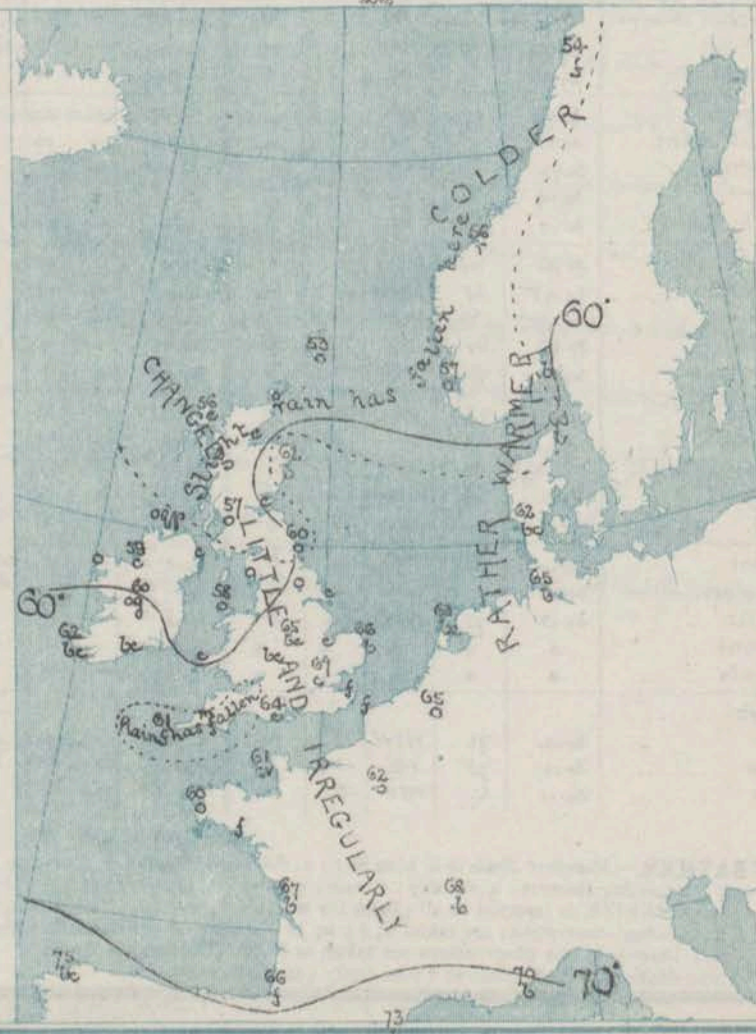
Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather is shown by Letters of the Beaufort Scale.
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.5	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



REMARKS.

for Sunday 8th August

1886 at 8 a.m.

The depression which lay to the northward of Scotland yesterday morning has since travelled away in a northeasterly direction, and in its rear a rise of the barometer has taken place generally. Over the Bay of Biscay, however, a fresh fall appears to have set in since last evening. Variable or E^{ly} winds are reported over the greater part of France, but elsewhere the wind is light or moderate from SW. or W. The weather is fine in the south-east of England as well as at many of the Continental stations, but cloudy or overcast elsewhere, with rain at Christiansund, and passing showers at Malin Head, and fog at Scilly, Dungeness, Cape Gris Nez and Lorient. Temperature has fallen a little in most places, and readings over our Islands now range from 67° in London and at Cambridge to 53° in the Shetlands. During yesterday the thermometer rose to 73° at Aberdeen and Oxford, 76° at Loughboro', Yarmouth and in London and 77° at Cambridge. The sea is rather rough at Valencay, moderate to smooth elsewhere.

ATLANTIC TELEGRAM.

The Chief Signal Officer U.S. reports that on the 3rd August in Lat. 42° N. Long. 51° W. the barometer fell to 29.2 in: during a fresh gale in which the wind shifted from S. to NW. This message is confirmatory of that received on Saturday, but the disturbances to which it refers has not reached us at present.

FORECASTS

For the 24 hours ending at NOON on 9th August 1886.
(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

NONE ISSUED

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

RESIDENTIALS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.71	58	54	S	2	0	3	Holyhead	29.94	64	60	SW	4	bc	3
Sumburgh Head	29.55	54	52	S	3	0	2	Valencia	30.02	63	60	SW	4	bc	4
Stornoway	29.59	58	56	WSW	5	cpq	4	Scilly	30.09	66	65	WSW	3	of	5
Aberdeen	29.64	68	61	NW	4	cp	1	Dungeness	29.95	66	65	WNW	5	bc	4
Shields	29.76	67	60	WSW	4	cp	2	London	29.96	74	69	W	3	c	*
Ardrossan	29.79	61	58	WSW	3	c	2	Yarmouth	29.87	73	67	W	3	b	2
Malin Head	29.78	60	57	W	5	m	5	Jersey	30.13	63	62	WNW	3	f	3
Mullaghmore	29.87	63	59	W	6	cm	5	Rocheport	30.22	78	71	WSW	3	o	2
Belmullet	29.89	62	59	SW	3	bc	*								

REMARKS.

The barometer has risen a little in the west since the morning, and the winds has remained moderate from the Wnd except in the west of Ireland and at Sumburgh Head. At the latter station it continues S³, but at Belmullet and Valencia it has backed considerably though it is still moderate and the weather fair. The sea is rather rough at Mullaghmore and Scilly, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday (Saturday) morning's Continental Report showed that pressure was still highest over southwestern, southern and Central Europe and lowest over our northern districts and the northern parts of Scandinavia. The gradients however were slight, but some very small and temporary undulations were experienced from time to time over the British Isles and North Sea showing that the weather was not in a very settled condition. The winds were light to moderate from the Wnd (NW to SW) and while warm cloudy weather, with occasional showers was reported in Western Europe, cooler but finer weather prevailed over Russia and the eastern part of Austria. Temperature varied from between 70° and 77° over the Mediterranean, Spain and the southern parts of France and the Balkan Peninsula to about 58° over Northern and Central Russia^{and} to about 55° off the coast of Norway. The highest readings reported were 82° at Palma, 81° at San Fernando, 78° at C. Bearw, 77° at Brindisi and Cagliari, the lowest 57° in the north of Russia and 53° in the Shetland Isles and at Crasow and 52° at Prague.

During the day the thermometer rose to 91° at Terpignan, 82° at Rochefort and Lyons, 80° at Paris and to between 70° + 77° in many parts of Great Britain.

for Monday - 9th August 1886.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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

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; s. squally; r. rain; a. 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.

† The evening observations are taken at 6 p.m. in France and in Iceland. 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).

Feed Dangerous! With London

WEATHER CHARTS

for 8 a.m. on

Monday 9th August

1886.

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

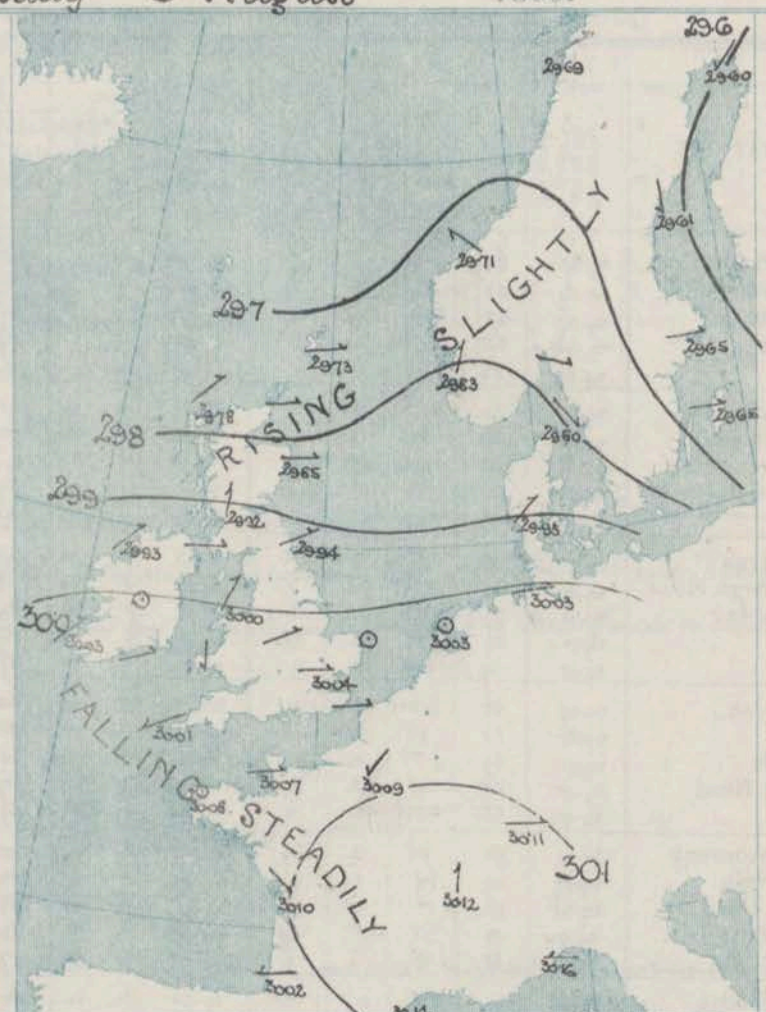
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.506
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.961
Hurst Castle	29.949
Dover	29.946
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



REMARKS.

for MONDAY 9th AUGUST 1886 at 8 a.m.

Barometric pressure is highest in France and lowest in Sweden, but a small depression is apparently forming near the mouth of the Channel, and the barometer is falling a little on our southwest coast as well as over the Bay of Biscay. At our northern stations the mercury continues to rise slowly. The wind is NE^{ly} in the southwest of England and variable in France, but elsewhere it is chiefly SW^{ly} or W^{ly}. In force it is light or moderate generally. The weather is fair on our north and north-east coast and also at several of the Continental stations, but dull elsewhere, with fog over the English Channel, and rain at Scilly, Bawley Point and Hurst Castle. In the course of the past twenty-four hours slight rain has fallen in many parts of our Islands. Thunder was heard at Dorset last evening. Temperature has fallen a little in most places, and readings over our Islands now range from 63° at Cambridge and Yarmouth to 52° at Bournemouth. The highest maxima registered yesterday were 75° in London, 73° at Cambridge and Yarmouth and 71° at Loughborough. The sea is moderate to smooth.

The depression which is forming in the southwest seems likely to advance eastwards, and occasion an extension of unsettled, rainy weather over England.

FORECASTS

For the 24 hours ending at NOON on 10th August 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W ^{ly} and SW ^{ly} winds, moderate; fair generally, but perhaps some showers.	6 { SCOTLAND WEST	SW ^{ly} winds, light; dull, rain locally.
1 { SCOTLAND EAST	W ^{ly} winds, light; fair generally.	7 { ENGLAND N.W.	-----D°-----D°-----D°-----
2 { ENGLAND N.E.	Same as No 5	8 { ENGLAND S.W.	NE ^{ly} to N ^{ly} winds, light or moderate; dull, rain at times.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	Same as No 6
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	SW ^{ly} to NW ^{ly} winds, light or moderate; cloudy, some showers.
5 { ENGLAND SOUTH	Light variable airs; cool, dull, and rainy, thunder locally.	WARNINGS	NONE ISSUED

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

	Bar.	Ther.	Wet.	Wind.	Wea.	Sea.		Bar.	Ther.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.80	58.	56	W 1/2 NW	1	0	4	Rocheport	30.15	73	69	NW	5	c	3

CONTINENTAL INFORMATION.

Yesterday morning's reports showed that pressure remained highest over the Mediterranean, Southern Europe and France, while it was lowest over northern Europe & the northern parts of the Atlantic. The gradients, however, were slight, and while the barometer was rising over all the northern parts of Europe it had begun to give way over Spain. The wind was chiefly SW & W, and though a great deal of cloud & some showers prevailed over the western parts of our islands and France the eastern stations had brighter & warmer weather, and occasionally clear skies. Temperature at 8 am. varied from between 68° & 75° over Spain, the South of France & the eastern shores of the Adriatic, to about 58° at the extreme northwestern station. It had fallen considerably over southwestern Russia and the east of Austria where some of the values were about 50°. The highest individual readings reported were 84° at Bilbao & Cape Baer, 78° at Barcelona, 77° at Brindisi & Cagliari; the lowest 50° at Hermannstadt, 54° at Christiansund & Skudesnaes and 58° at Lumburgh Head.

In the course of the day the barometer continued to rise slowly in the northern districts & to fall over Spain; temperature rose to between 70° & 75° over England, to 81° at Paris & to 87° at Lyon; over England the sky began to look less fair than it had been & in London a steady rain fell at night.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS
AND THEIR NEIGHBOURHOOD

FROM THE 1ST TO THE 7TH AUGUST 1886.

The weather during this week was changeable; the pressure distribution being cyclonic and complex at first, then anticyclonic, and afterwards cyclonic, but of a simple type. The gradients were not steep at any time and the winds, therefore, though varying a good deal in direction, have been moderate to light in force, but there has been a great deal of cloud about, showers fell at times in several places, and the air during the latter part of the week was warm and close.

Two well marked depressions were observed.

The first lay to the eastward of the Hebrides at 8 am. on the 1st, and filled up on the following day as it continued northwards. This caused NW winds and rain in the north of Scotland and over Scandinavia.

The second appeared off our southwestern coast early on the 1st and passing eastwards over our southern coasts, brought SW to NW winds and rain to our southern counties, France and Holland, and passed away to the north-eastward on the 3rd, filling up as it did so.

Some other disturbances appeared off our western and northwestern coasts after Wednesday, causing S to W breezes and some showers in all but the southeastern parts of the Kingdom, but their centres did not come over any part of the British Isles or Continent.

A small but well-formed anticyclone advanced over us from the westward during the 3rd to 4th, but owing to a fall of the barometer in the west it moved southwards, leaving pressure highest over southwestern Europe and lowest to the northward of our islands, and in this condition matters remained at the end of the week.

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

DAILY WEATHER REPORT

for *Tuesday* 10th August 1886.

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.	
			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	29.62	58	N	2	b	29.66	+ .06	63	61	0	N	2	c	*	72	54	0.08	
Hernösand	29.72	62	WN	2	c	29.74	+ .13	60	54	- 2	WN	4	b	*	71	52	-	
Stockholm	29.73	60	W	2	b	29.77	+ .12	62	58	+ 1	N	2	b	*	72	57	0.08	
Wisby	29.69	64	WNW	4	b	29.72	+ .07	60	55	+ 1	WNW	4	b	*	68	57	-	
Bodo	29.76	64	Z	0	o	29.84	+ .15	53	52	+ 1	Z	0	o	0	55	46	0.16	
Christiansund	29.80	53	WSW	4	c	29.83	+ .12	55	51	0	ESE	2	c	2	61	46	0.08	
† Skudesnaes	29.88	54	Z	0	c	29.83	0.00	57	53	+ 1	SSE	2	o	2	61	54	-	
† Ender	29.76	62	WSW	6	b	29.80	+ .05	58	52	- 2	WSW	2	b	2	64	57	-	
Skagen (The Skov)	29.84	56	WNW	4	c	29.85	+ .05	59	55	0	NW	3	b	1	63	55	-	
Fanö	30.00	56	?	2	b	29.86	- .09	60	58	- 5	SE	2	c	*	66	55	-	
Cuxhaven	30.06	63	WNW	1	b	29.94	- .09	62	61	- 3	SE	2	b	*	67	59	-	
† Sumburgh Head	29.78	54	SW	3	b	29.71	- .02	52	51	- 1	SW	1	c	1	56	47	0.02	
† Stornoway	29.79	55	WSW	4	r	29.72	- .06	54	50	+ 2	SW	2	b	1	60	44	-	
Wick	29.79	57	Z	0	b	29.75	- .10	58	53	- 1	NW	1	b	0	62	47	0.10	
Nairn	29.80	63	SW	1	c	29.74	- .08	53	52	- 4	WSW	1	b	1	65	45	0.04	
† Aberdeen	29.84	58	Z	0	op	29.75	- .10	57	53	- 3	WSW	1	c	0	66	45	0.15	
Leith	29.88	61	W	2	c	29.76	- .13	56	54	- 2	NE	1	c	*	67	50	-	
† Shields	29.91	63	NNW	2	o	29.77	- .17	56	53	- 4	S	2	o	2	66	54	-	
Spurn Head	29.95	60	ESE	2	b	29.76	- .23	58	57	- 1	ENE	1	r	2	66	56	0.04	
York	29.95	65	WNW	1	b	29.78	- .21	55	54	- 4	ENE	1	o	*	68	?	0.22	
Loughborough	29.95	70	W	1	c	29.74	- .29	57	56	- 1	NNE	1	dg	*	74	56	0.70	
† Ardrossan	29.89	58	SSW	2	b	29.74	- .15	57	55	+ 1	ENE	1	om	1	58	50	-	
Malin Head	29.92	58	WNW	3	c	29.70	- .22	55	54	0	S	3	om	2	61	50	0.02	
Mullaghmore	29.92	58	W	2	o	29.73	- .20	57	54	+ 1	SSW	3	c	2	62	55	-	
† Belmullet	29.92	58	W	2	o	29.71	- .24	56	54	- 1	SW	2	o	*	62	53	0.09	
Donaghadee	29.92	62	ENE	2	o	29.76	- .20	54	54	- 2	ENE	2	r	0	65	51	0.06	
Barrow-in-Furness	29.94	59	SW	2	c	29.77	- .21	56	54	- 2	S	2	b	*	62	54	-	
Liverpool (Bidston)	29.95	62	WNW	1	c	29.76	- .24	58	56	- 2	SE	1	cf	1	67	54	0.08	
† Holyhead	29.96	59	SSW	3	c	29.77	- .23	57	56	0	SW	3	c	2	63	54	-	
† Parsonstown	29.94	61	Z	0	o	29.76	- .24	58	55	+ 1	SW	1	o	*	65	49	-	
† Valencia	29.96	59	WSW	2	om	29.81	- .22	56	55	- 4	WSW	2	op	2	64	52	0.04	
Roche's Point	29.92	60	WSW	2	o	29.82	- .20	60	57	+ 2	NW	1	b	2	63	50	-	
Pembroke	29.96	60	NW	1	b	29.78	- .25	59	57	- 1	SW	1	b	1	65	55	0.07	
† Scilly	29.96	60	NNW	2	r	29.82	- .19	61	57	+ 3	NW	2	b	4	61	56	0.17	
† Prawle Point	29.96	60	Z	0	f	29.76	- .29	57	57	- 1	NNW	3	og	2	62	56	0.28	
Hurst Castle	29.97	60	SW	1	f	29.73	- .32	61	62	+ 1	ENE	1	r	0	65	59	0.10	
† Dungeness	29.98	63	W	3	b	29.68	- .36	61	61	+ 1	ESE	1	r	2	66	59	0.25	
† London	29.96	66	S	1	o	29.72	- .32	64	60	- 1	WSW	1	r	*	70	60	0.17	
Oxford	29.95	66	Z	0	o	29.71	- .32	61	60	+ 1	SW	1	r	*	70	60	0.54	
† Cambridge	29.94	71	Z	0	b	29.71	- .31	63	62	0	S	1	r	*	72	57	0.36	
† Yarmouth	29.98	64	NNE	1	b	29.71	- .30	61	61	- 2	ESE	4	or	4	70	59	0.25	
The Helder	29.97	64	SW	1	o	29.81	- .22	63	61	0	ESE	1	o	1	70	61	-	
† Cape Gris Nez	29.97	61	SW	3	f	29.74	- .29	62	62	+ 3	Z	0	t	0	66	57	0.20	
† Jersey	29.95	67	NE	2	b	29.75	- .32	60	60	0	NW	2	omp	2	71	60	0.14	
† Brest	29.96	63	N	4	o	29.82	- .26	57	57	- 3	N	5	r	0	68	55	-	
Lorient	29.95	73	WNW	3	b	29.80	- .29	64	63	+ 2	WNW	4	o	2	75	57	-	
† Rochefort	29.98	73	NW	4	b	29.84	- .26	72	69	+ 4	S	5	c	2	79	68	-	
† Biarritz	29.87	87	ENE	3	b	29.82	- .17	69	68	- 6	WSW	5	o	0	91	68	-	
† Cornutina	*	*	*	*	*	29.97	- .01	66	64	- 2	W	1	o	1	81	61	0.04	
Brussels	*	*	*	*	*	29.75	- .26	70	66	+ 6	SE	3	b	*	77	62	-	
Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
† Paris	29.97	78	NE	3	b	29.77	- .32	70	66	+ 5	SSW	1	o	*	85	61	-	
† Lyons	29.99	82	SSE	4	b	29.99	- .22	72	59	+ 2	SE	1	b	*	82	64	-	
† Nice	30.10	73	WSW	1	m	30.03	- .13	71	67	- 1	WNW	1	m	0	81	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).
 † Observations taken at 9 a.m.

WEATHER

CHARTS

for 8 a.m. on

Tuesday

10th August

1886.

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 —

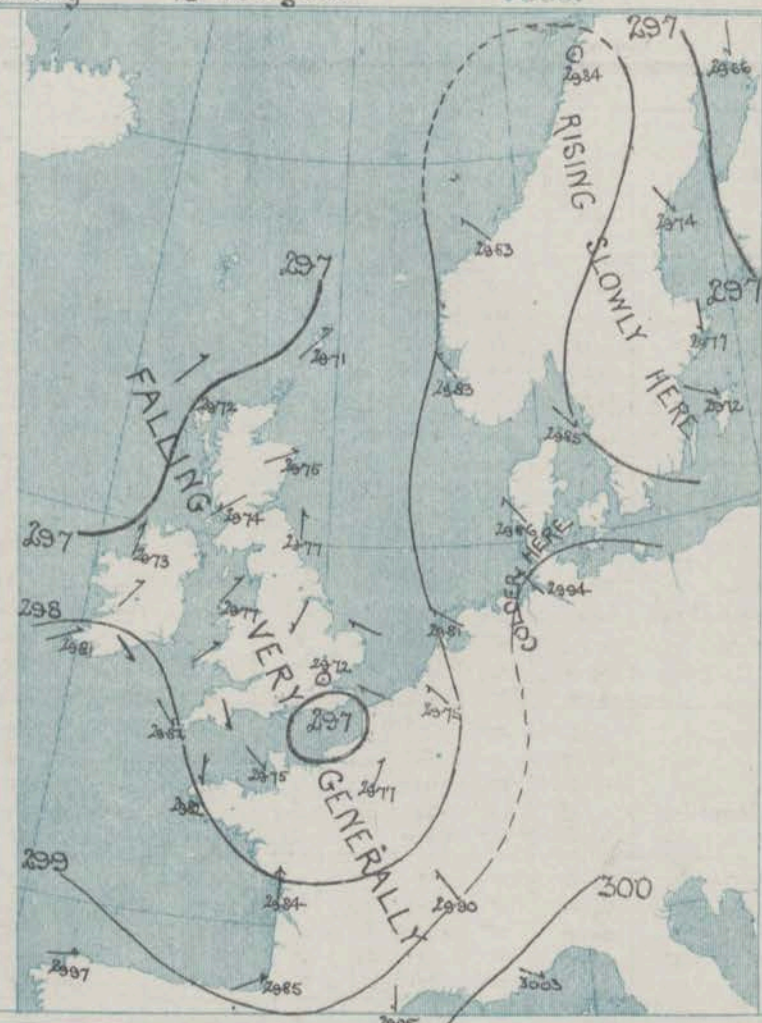
→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance — where considerable, is shown thus
 [Symbol] = Rough. [Symbol] = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.906
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.961
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

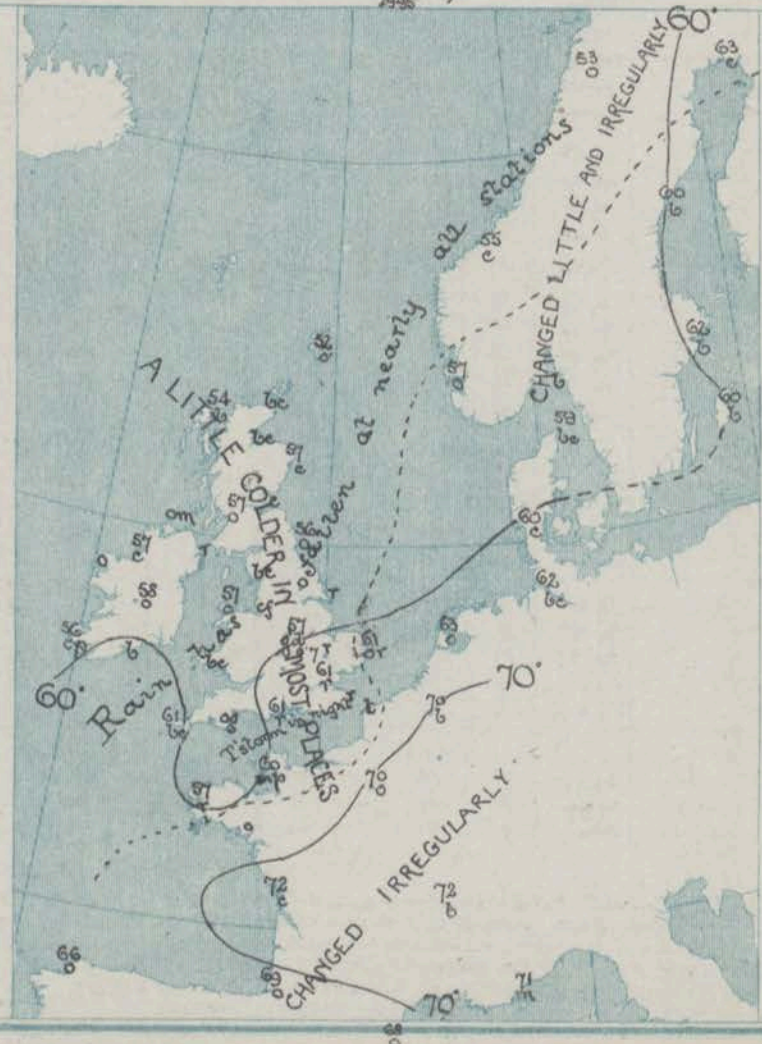
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	65.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.0	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 30 years 1866—85



REMARKS.

for

Tuesday 10th August

1886 at 8 a.m.

A large shallow area of low-pressure, having a well defined minimum over the eastern part of the Channel, has advanced over England and the north of France, while a second area of low readings is approaching our north-west coasts; and the barometer is falling steadily at all but the Scandinavian stations. Pressure is apparently highest over Central and Southern Europe, whence a long band or ridge of relatively high readings extends northwards over Denmark and Norway. The wind is light from the SW^{rs} on our northern and north-western coasts, but at the southern stations it circulates round the low-pressure area, being NW^{ly} in the south-west of England, SW^{ly} at Paris, SE^{ly} in the Netherlands and E^{ly} at Hurst Castle and Bungevers. Over Central England variable airs are reported. Rain is falling over our eastern, midland and south-eastern counties, as well as at Donaghadee, and passing showers at Valencia, but elsewhere the weather is at present fair. A thunderstorm occurred at Jersey last night, and thunder is now reported at Cape Fin Hox. Temperature has changed rather irregularly, but the general tendency has been for a further fall; readings over our islands now range from 63° at Cambridge to 52° in the Shetlands. The sea is moderate to smooth.

The low-pressure area over England may possibly continue to move eastwards, but other disturbances are likely to advance from the Atlantic, and the general appearance remains exceedingly unsettled.

FORECASTS

For the 24 hours ending at NOON on 11th August 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW ^{ly} and S ^{ly} winds, light to fresh, fine to unsettled and some rain.	6 { SCOTLAND WEST	S ^{ly} and SW ^{ly} winds, moderate, changeable, some rain.
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N. W.	----- D° ----- D° -----
2 { ENGLAND N. E.	S ^{ly} and SE ^{ly} winds, light, changeable, some rain.	8 { ENGLAND S. W.	NW ^{ly} breezes and fair weather, followed by SW ^{ly} breezes and rain.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	S ^{ly} and SW ^{ly} winds, freshening, unsettled, some rain.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	Same as N° 8.
5 { ENGLAND SOUTH	Variable breezes, finally SW ^{ly} , weather improving temporarily, but still very unsettled.	WARNINGS	None issued.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.88	64	56	WSW	2	o	3	Holyhead	30.00	62	58	SSW	3	b	2
Sumburgh Head	29.79	55	51	W	3	c	3	Valencia	29.99	63	58	WSW	3	o	3
Stornoway	29.79	59	52	SW	4	bc	3	Scilly	30.00	61	58	NNE	2	c	4
Aberdeen	29.83	63	57	S	3	bcp	0	Dungeness	30.02	65	64	W	4	m	3
Shields	29.94	61	54	W	2	o	2	London	30.01	66	63	W	2	c	*
Ardrossan	29.91	57	56	SSW	2	o	2	Yarmouth	30.00	66	61	NE	3	b	2
Malin Head	29.92	60	56	W	3	b	3	Jersey	30.03	68	64	ESE	1	bc	1
Mullaghmore	29.93	60	55	WNW	4	c	2	Rochefort	30.08	75	70	NNW	3	bc	2
Belmullet	29.94	61	55	WSW	3	c	*								

REMARKS.

Very little change has occurred since the morning. The barometer continues to rise in the extreme north of Scotland, but is falling slowly in most other localities. The wind has backed to NNE. at Scilly, but on our more northern coast it remains SW. Fair weather is now reported in most places. The sea is moderate to smooth.

CONTINENTAL INFORMATION

Yesterday morning's Continental Reports showed that pressure was still highest (30.1 ins. to 30.2 ins.) over the Mediterranean, but, while the depression which lay over the Gulf of Finland on the 8th had moved eastwards to Central Russia, the barometer had risen over Northwestern Europe, and readings there had become more uniform than of late. Over Spain, however, and the southwest of France the barometer had been falling slowly all day, and there were signs of the advance of rainy, unsettled weather to France and the south of England from the Atlantic. Temperature had risen over Southern Europe, fallen in the north, and changed irregularly elsewhere; so that at 8 am the readings varied from between 80° and 83° over Algeria, the Balearic Isles and the north of Spain, and from between 70° and 75° over the northern shores of the Mediterranean to between 60° and 66° over the Baltic and to about 59° over the north of France; in the extreme Northwest of Europe the readings were as low as 52° and 55°. The highest individual readings were 84° at Bilbao, 83° at Palma, 78° at Khiridisi, and 76° at Biarritz; the lowest 59° at C. Gris Nez and Ulreborg, and 52° at Stornoway and Rodö.

During the day the unsettled weather in the southwest spread eastwards and northwards over Western Europe, the thermometer rose to 91° at Biarritz and to between 80° and 85° in the southern and central parts of France, but to only 70° in London and 74° at Loughborough. The air over England was very damp and close, and the clouds heavy.

DAILY WEATHER REPORT

for Wednesday — 11th August 1886.

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

H.M.S. "Plover" by the Hydrographic Office, 16, Victoria Street, London, W. H. SCOTT, Secretary.																			
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.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.67	60	Z	0	b	29.41	+ .05	59	59	- 4	Z	2	r	*	75	58	0.55		
Hernösand	29.71	64	Z	0	c	29.63	- .11	62	59	+ 2	Z	4	o	*	79	54	—		
Stockholm	29.73	59	NE	2	b	29.60	- .17	61	57	- 1	E	2	o	*	75	54	—		
Wisby	29.71	57	W	4	b	29.51	- .21	60	57	0	ESE	4	r	*	68	57	—		
Bodö	29.54	53	N	2	b	29.72	- .12	56	53	- 3	Z	1	b	1	57	48	—		
Christiansund	29.73	57	NE	4	c	29.51	- .32	56	52	+ 1	ENE	1	b	2	59	48	—		
† Skudesnaes	29.64	57	Z	0	o	29.45	- .38	53	52	- 4	N	2	r	3	63	?	0.39		
Fardø	29.69	60	S	4	o	29.42	- .38	55	53	- 3	NE	6	r	2	63	54	0.32		
Skagen (The Skaw)	29.65	60	S	2	r	29.30	- .55	56	52	- 3	ENE	4	o	2	66	55	0.59		
Fanø	29.68	59	E	6	c	29.52	- .34	57	55	- 3	W	3	c	*	64	55	0.20		
Cuxhaven	29.62	64	E	3	o	29.66	- .28	61	58	- 1	WNW	6	b	*	68	59	0.02		
† Sumburgh Head	29.63	56	WNW	1	b	29.50	- .21	53	51	+ 1	NE	3	c	2	59	46	—		
† Stornoway	29.63	49	N	1	r	29.61	- .11	53	51	- 1	SW	1	b	1	58	41	0.38		
Wick	29.57	56	S	2	o	29.55	- .20	49	49	- 9	NW	1	r	0	58	48	0.95		
Nairn	29.45	55	Z	0	T	29.58	- .16	50	49	- 3	WNW	2	b	1	62	40	0.60		
† Aberdeen	29.63	56	SEE	1	r	29.54	- .21	55	50	- 2	WNW	4	c	2	65	48	0.17		
Leith	29.59	57	S	1	r	29.65	- .11	55	50	- 1	W	2	b	*	62	48	0.32		
† Shields	29.62	56	S	3	r	29.70	- .07	55	50	- 1	WSW	4	c	2	60	48	0.18		
Spurn Head	29.66	54	N	3	c	29.77	+ .01	55	53	- 3	W	5	b	3	58	52	0.15		
York	29.67	58	S	1	o	29.77	- .01	55	51	0	W	4	b	*	59	49	0.14		
Loughborough	29.69	59	WNW	1	o	29.86	+ .12	55	52	- 2	WNW	3	b	*	60	49	0.26		
† Ardrossan	29.60	54	SSW	1	rm	29.70	- .04	54	53	- 3	WSW	4	c	3	61	50	0.43		
Malin Head	29.86	53	NW	3	rm	29.73	+ .03	54	51	- 1	NW	5	c	6	59	53	0.39		
† Mullaghmore	29.69	56	WNW	6	b	29.79	+ .06	53	51	- 4	W	5	c	4	62	53	0.17		
Belmullet	29.76	55	NW	5	c	29.83	+ .12	56	52	0	W	5	c	*	58	51	0.07		
Donaghadee	29.63	50	W	2	c	29.79	+ .03	53	51	- 1	W	4	b	2	58	43	0.15		
Barrow-in-Furness	29.64	58	SW	3	b	29.76	- .01	54	50	- 2	WNW	5	b	*	64	52	—		
Liverpool (Bidston)	29.67	60	W	4	b	29.83	+ .07	55	50	- 3	W	4	b	4	64	52	0.06		
† Holyhead	29.69	57	SW	4	pm	29.87	+ .10	55	53	- 2	WSW	4	b	3	63	50	0.07		
Parsonstown	29.74	59	Z	0	c	29.91	+ .15	53	51	- 5	SW	1	c	*	61	45	0.22		
† Valencia	29.86	59	NW	5	b	29.97	+ .16	58	55	+ 2	WSW	3	b	4	63	51	0.28		
Roche's Point	29.88	60	WNW	5	b	29.96	+ .14	57	53	- 3	W	3	b	3	64	50	0.12		
Pembroke	29.76	60	W	5	c	29.94	+ .16	57	52	- 2	WNW	5	b	4	70	55	—		
† Scilly	29.87	62	W	5	c	30.01	+ .19	60	55	- 1	WNW	4	c	4	63	56	—		
Prawle Point	29.84	60	W	4	b	29.99	+ .23	59	54	+ 2	W	3	b	3	65	50	—		
Hurst Castle	29.76	65	? W	4	b	29.97	+ .24	60	55	- 1	? W	3	b	1	68	53	0.04		
† Dungeness	29.68	65	NW	4	c	29.91	+ .23	61	55	0	NW	5	c	3	66	55	0.10		
London	29.71	62	NW	1	o	29.92	+ .20	58	52	- 3	NW	2	b	*	64	51	0.04		
Oxford	29.76	59	SW	3	b	29.92	+ .21	56	52	- 5	W	3	b	*	63	49	0.08		
Cambridge	29.63	59	SW	1	b	29.88	+ .17	56	51	- 7	SW	2	b	*	65	48	0.11		
† Yarmouth	29.60	62	W	3	c	29.82	+ .11	57	52	- 4	W	4	b	3	64	51	0.40		
The Helder	29.55	64	SW	1	o	29.75	- .06	60	57	- 3	WSW	4	c	3	68	57	0.12		
Cape Gris Nez	29.69	62	WSW	7	o	29.91	+ .17	58	55	- 4	NW	7	b	5	72	57	0.16		
† Jersey	29.86	61	WNW	4	bm	30.02	+ .27	60	55	0	WNW	3	b	3	62	56	0.06		
Brest	29.94	63	NW	2	b	30.06	+ .24	59	57	+ 2	NW	2	o	3	63	55	—		
Lorient	29.93	66	NW	4	b	30.09	+ .29	59	58	- 5	NE	1	c	2	75	55	—		
† Rochefort	29.98	69	NW	7	c	30.12	+ .28	62	58	- 10	NNE	5	c	2	75	57	—		
Biarritz	30.00	70	W	3	o	30.02	+ .17	67	65	- 2	SW	5	c	2	79	64	0.39		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.90	+ .15	60	56	- 10	WSW	7	c	*	75	55	0.91		
Belfort	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Paris	29.78	70	WNW	5	c	30.02	+ .25	58	56	- 12	?WNW	3	b	*	87	54	0.51		
Lyons	29.79	81	S	5	c	29.98	+ .08	64	62	- 8	WNW	5	rt	*	86	63	—		
Nice	29.97	71	SW	3	b	29.92	- .11	66	64	- 5	Z	0	m	*	79	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).

WEATHER

CHARTS

for 8 a.m. on WEDNESDAY - 11TH AUGUST. 1886.

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

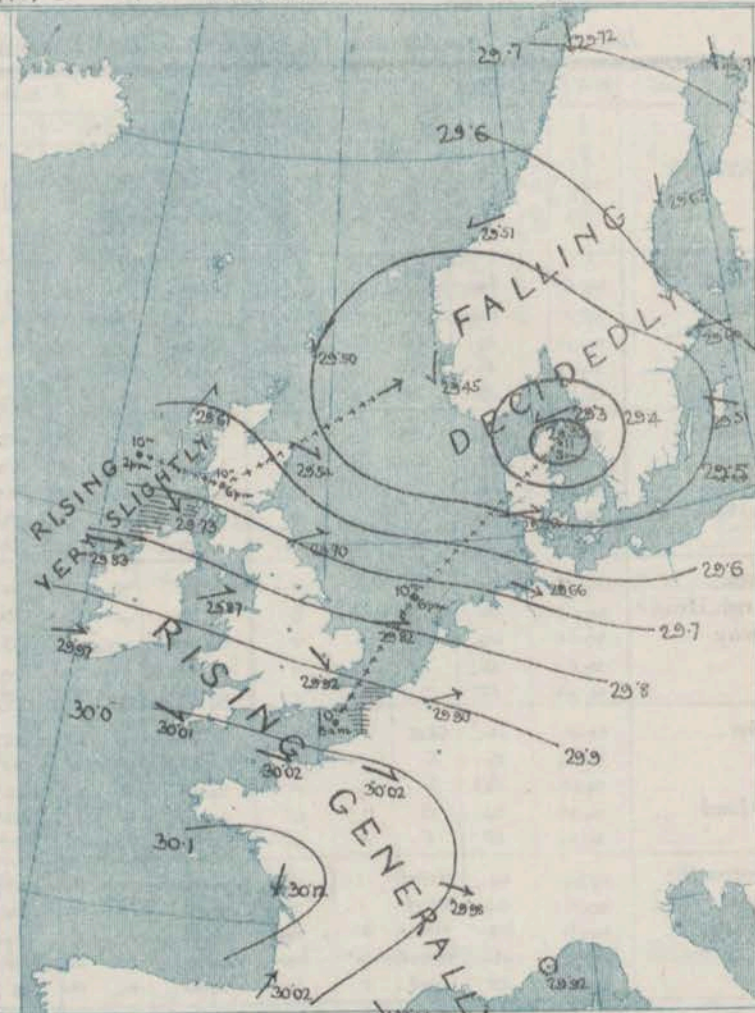
▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

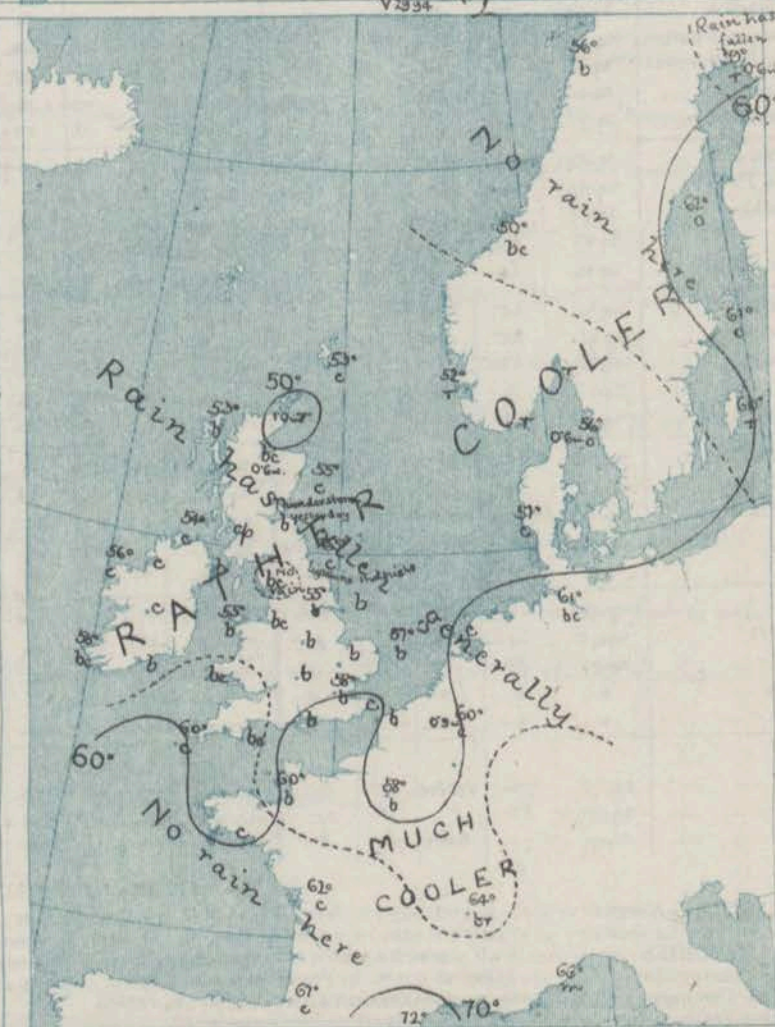
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.8	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.81
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.6	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85



REMARKS.

for

Wednesday 11th August 1886 at 8 a.m.

The two depressions noticed yesterday — one off our south-eastern and the other off our north-western coasts — appear to have united over the southern parts of Scandinavia, where they form an elongated disturbance which is apparently moving north-eastwards. In their rear the wind has drawn into NW and W over our islands, and blows freshly in several places; in the neighbourhood of Belgium it is strong. Temperature fell 4.0° at Naim and to between 4.3° and 4.5° in some parts of Ireland, to 4.8° at our northern and some of our inland stations, and to 5.1° in London early this morning. The readings now vary from 67° at Biarritz, 61° at Dungannon and 60° at Scilly to 58° in London, 55° at York and 49° at Wick, and the thermometer is rising quickly over England. Rain fell yesterday in almost all parts of the Kingdom — most in the north and north-east, where thunderstorms occurred locally. The sky has since cleared considerably in the south and east, but is cloudy elsewhere, with rain in Scotland and at several of the Scandinavian stations. The sea is moderate in the west and north-west, smooth or slight elsewhere.

When the disturbance in the north-east moves away the weather will probably improve over Scotland. As, however, the rise of the barometer in the west has slackened, and the wind there is backing, it is probable that a new disturbance will appear in the far west shortly.

FORECASTS

for the 24 hours ending at NOON on 12th August 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW ^{ly} to SW ^{ly} breezes, showery to fair; cold at night.	6 { SCOTLAND WEST	Same as N° 0
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N. W.	Wind backing to SW or S; fine and warm at first, less settled later.
2 { ENGLAND N. E.	W ^{ly} and SW ^{ly} breezes, moderate; fair generally.	8 { ENGLAND S. W.	----- D° ----- D° -----
3 { ENGLAND EAST	----- D° ----- D° -----	9 { IRELAND NORTH	----- D° ----- D° -----
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	----- D° ----- D° -----
5 { ENGLAND SOUTH	NW ^{ly} breezes, moderate; fair, then SW ^{ly} Light; fine warmer.	WARNINGS	None issued.

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

PRESIDENTIALS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.76	63	55	S	2	0	3	Holyhead	29.42	61	56	WSW	1	b	2
Sumburgh Head	29.69	54	51	WNW	2	bc	2	Valencia	29.82	61	58	W	4	cp	4
Stornoway	29.67	53	51	SSE	3	d	3	Scilly	29.86	63	58	WNW	5	bc	4
Aberdeen	29.67	60	54	SSE	2	b	0	Dungeness	29.66	62	61	W	2	a	2
Shields	29.68	59	55	S	3	c	2	London	29.67	64	61	WNW	3	op	*
Ardrossan	29.65	58	58	Z	0	0	0	Yarmouth	29.62	62	62	WSW	1	o	3
Malin Head	29.61	55	54	Z	0	r	0	Jersey	29.83	? 60	58	WNW	4	o	3
Mullaghmore	29.67	58	54	WNW	5	bc	4	Rochefort	29.93	73	68	WNW	7	c	2
Belmullet	29.72	57	53	WNW	4	b	*								

REMARKS.

The low pressure system noticed over England this morning is moving north-eastwards, and the barometer is rising again on our south-west coasts as well as in the west of France. Light or moderate W² or NW² breezes are now reported in the west and south generally, but in the north the wind is SE² or S². Drizzling rain is falling at Stornoway, and passing showers at Valencia and in London, but elsewhere the weather is fair. The sea is moderate to smooth.

CONTINENTAL INFORMATION.

The Continental Reports for yesterday morning showed that the high pressure area recently observed had moved eastwards, and covered the Mediterranean and Central Europe. The low pressure system over Russia still held, while a new series of shallow depressions had appeared over Western Europe. Thus, while NW² winds and rather cold cloudy weather prevailed over Northern Europe, Germany and Western Russia, very changeable, showery weather and variable winds were reported over France and the British Isles, with close air and thunderstorms in some localities. On the Mediterranean coast, however, the weather was fine and warm. Temperature at 8 am varied from between 70° and 75° on the northern shores of the Mediterranean and Adriatic to between 54° and 59° over Poland, Central Russia and the Baltic Provinces, and to between 50° and 55° at several stations on the north-west coasts. The highest individual readings were (?) 91° at Palma, 79° at Malta, and 77° at Croisette; the lowest 54° at Warsaw, as well as at Stornoway and Donaghadee, 53° at Kairi, and 52° at Sumburgh Head.

During the day the thermometer rose to about 87° over Central France and to between 75° and 79° over Sweden, but did not rise to 70° in any part of our Islands excepting Pembroke, while in the course of the night it fell to 40° at Kairi, and to below 45° in several parts of Ireland to 51° in London and to 48° at Cambridge.

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

DAILY WEATHER REPORT

for Thursday 12th August 1886.

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 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	29.65	62	Z	0	0	29.63	-.08	57	54	-2	E	4	0	*	66	55	-	
Hernösand	29.45	62	SE	4	0	29.47	-.16	59	53	-3	SSW	6	bc	*	66	52	0.08	
Stockholm	29.49	57	Z	0	0	29.63	+.03	59	55	-2	W	6	bc	*	64	55	0.08	
Wisby	29.57	61	W	6	0	29.63	+.12	58	53	-2	WSW	6	0	*	72	54	0.28	
Bodö	29.57	64	ENE	2	0	29.40	-.32	64	57	+8	NE	6	0	3	64	54	-	
Christiansund	29.33	55	E	2	0	29.06	-.45	58	55	+2	S	1	0	1	63	50	0.08	
Skudesnaes	29.40	54	W	4	0	29.40	-.05	55	53	+2	W	7	0	4	?	52	-	
Forøder	29.33	57	WSW	8	0	29.34	-.08	57	54	+2	WSW	8	0	5	57	55	0.05	
Skagen (The Skaw)	29.48	54	SW	5	0	29.53	+.23	55	53	-1	WSW	5	0	2	59	52	0.02	
Panö	29.81	57	W	8	0	29.72	+.20	57	53	0	SW	3	0	*	63	54	0.04	
Cuxhaven	29.85	61	WNW	5	0	29.86	+.20	57	56	-4	WSW	4	0	*	63	55	-	
Sumburgh Head	29.51	53	NNW	2	0	29.54	+.04	51	48	-2	W	4	0	3	58	48	-	
Stornoway	29.65	54	W	3	0	29.66	+.05	51	51	-2	WSW	3	0	2	58	46	0.24	
Wick	29.63	54	W	2	0	29.63	+.08	52	51	+3	W	2	0	0	56	41	0.12	
Nairn	29.63	56	NW	1	0	29.67	+.09	54	52	+4	SW	1	0	1	62	47	0.07	
Aberdeen	29.65	57	SSE	1	0	29.68	+.14	54	51	-1	W	1	0	1	61	44	0.03	
Leith	29.73	60	W	3	0	29.73	+.08	55	51	0	W	2	0	*	62	49	-	
Shields	29.75	59	WSW	5	0	29.79	+.09	56	52	+1	WSW	4	0	2	61	52	0.11	
Spurn Head	29.83	61	W	4	0	29.88	+.11	57	54	+2	WSW	5	0	2	62	52	-	
York	29.83	60	W	2	0	29.87	+.10	56	53	+1	SW	2	0	*	63	51	0.01	
Loughborough	29.91	61	WNW	3	0	29.94	+.08	59	54	+4	WSW	3	0	*	67	49	-	
Ardrrossan	29.76	56	W	3	0	29.78	+.08	53	53	-1	W	3	0	3	61	51	0.09	
Malin Head	29.81	54	WNW	5	0	29.71	-.02	55	54	+1	SSW	3	0	3	59	51	0.09	
Mullaghmore	29.85	57	W	6	0	29.72	-.07	55	54	+2	S	5	0	4	60	49	0.06	
Belmullet	29.90	57	W	4	0	29.67	-.16	56	55	0	SSE	3	0	*	59	52	0.21	
Donaghadee	29.83	58	W	3	0	29.81	+.02	58	55	+5	S	2	0	0	64	50	0.02	
Barrow-in-Furness	29.83	58	SW	6	0	29.85	+.09	56	53	+2	SW	5	0	*	60	53	0.01	
Liverpool (Bidston)	29.87	59	WSW	5	0	29.89	+.06	58	52	+3	SW	1	0	3	63	51	0.09	
Holyhead	29.90	57	SW	4	0	29.88	+.01	56	55	+1	SSW	3	0	2	61	52	-	
Parsonstown	29.94	57	SSW	2	0	29.79	-.12	54	54	+1	S	1	0	*	62	46	0.12	
Valencia	29.98	60	SW	2	0	29.65	-.32	60	59	+2	SE	7	0	6	63	54	-	
Roche's Point	29.97	61	W	4	0	29.79	-.17	59	58	+2	SSW	5	0	4	65	52	0.08	
Pembroke	29.98	59	W	5	0	29.91	-.03	58	56	+1	SSW	5	0	4	60	56	-	
Seilly	30.06	61	W	4	0	29.92	-.09	64	60	+4	S	5	0	4	64	56	0.02	
Prawle Point	30.05	59	W	3	0	30.01	+.02	58	55	-1	SW	3	0	3	62	52	-	
Hurst Castle	30.00	59	WNW	4	0	30.02	+.05	61	57	+1	WSW	4	0	2	66	54	0.07	
Dungeness	29.94	60	NW	5	0	29.98	+.07	60	56	-1	NW	4	0	3	67	51	-	
London	29.94	62	W	3	0	30.00	+.08	58	54	0	W	2	0	*	68	47	0.02	
Oxford	29.98	56	SW	3	0	29.99	+.07	58	56	+2	SW	3	0	*	65	48	-	
Cambridge	29.93	63	SW	1	0	29.97	+.09	56	53	0	SSW	1	0	*	65	44	-	
Yarmouth	29.89	62	W	3	0	29.93	+.11	58	54	+1	W	2	0	2	64	48	-	
The Helder	29.90	60	WSW	3	0	29.91	+.16	59	55	-1	WSW	3	0	3	63	57	-	
Cape Gris Nez	29.96	60	W	7	0	30.00	+.09	59	57	+1	W	5	0	4	64	55	-	
Jersey	30.06	61	WNW	3	0	30.07	+.05	60	57	0	SW	3	0	3	63	55	0.06	
Brest	30.13	63	WNW	3	0	30.02	-.00	59	56	0	S	4	0	4	64	55	-	
Lorient	30.13	63	WNW	4	0	30.12	+.03	58	55	-1	SE	3	0	2	68	50	0.04	
Rochefort	30.15	68	WNW	7	0	30.18	+.06	60	58	-2	ESE	4	0	2	73	55	-	
Biarritz	30.16	66	NW	4	0	30.12	+.10	63	59	-4	E	3	0	0	72	57	-	
Corunna	*	*	*	*	*	30.07	-.07	59	58	-6	ESE	1	0	2	72	52	-	
Brussels	*	*	*	*	*	30.02	+.12	57	54	-3	WSW	4	0	*	68	51	-	
Belfort	30.15	66	W	1	0	?	?	59	57	-	? W	5	0	*	73	46	0.12	
Paris	30.03	65	NW	3	0	30.12	+.10	54	57	-4	SSW	1	0	*	70	46	-	
Lyons	30.03	63	NNW	1	0	30.10	+.12	59	54	-5	NNW	1	0	*	66	54	0.67	
Nice	29.81	69	Z	0	0	29.78	-.14	70	66	+4	NE	1	0	1	81	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).

WEATHER

for 8 a.m. on

Thursday

CHARTS

12th August

1886.

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.

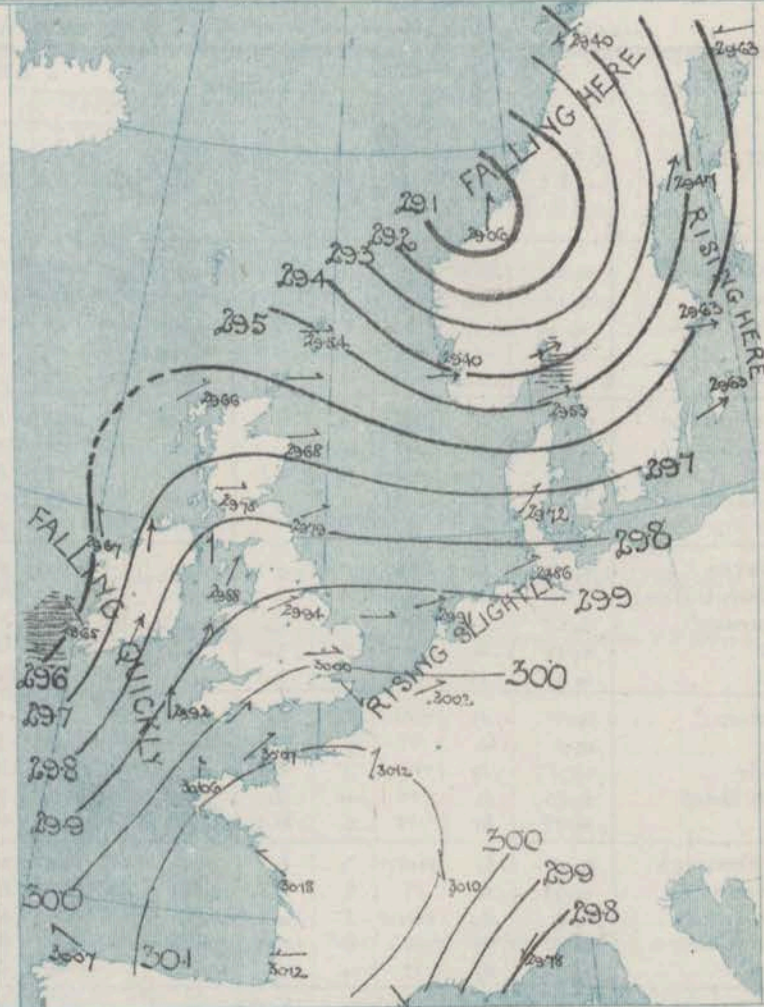
Sea Disturbance — where considerable, is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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 IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.0	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 10 years 1866—85



for

The long band of low-pressure which lay over the southern parts of Scandinavia yesterday, has moved northwards and developed a well defined cyclonic centre near Christiansund; so that while the barometer has continued to rise on our east coast it has fallen over the north of Sweden and Norway. In the course of the night, however, a new and rather deep depression has appeared off the west of Ireland, and the barometer is therefore falling again at all our western stations - quickly at Valencia. Light or moderate breezes from W or SW, and fine weather are reported on all our east coasts, but in the south of Norway Wst gales and rain are prevalent, while in the west of our islands the wind is increasing from the Snd, with rain at most of the Irish stations. Showers fell yesterday in nearly all parts of our islands, and thunder was heard at Cuxhaven. Temperature has fallen a little in Sweden and France but risen elsewhere, readings over the United Kingdom now range from 64° at Bally to 51° at Lumburgh Head and Stornoway. The sea is rough at Valencia and moderate on our south-west coasts generally, but slight or smooth elsewhere.

The depression which is approaching Ireland seems likely to advance in an easterly direction; and unsettled rainy weather is probable in most districts, with a considerable increase of wind on our south-west and south coasts.

for the 24 hours ending at NOON on 13th August 1886.

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

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	Wind backing to S or SE and freshening, fair to unsettled and some rain.	
1	SCOTLAND EAST	-----D°-----D°-----	
2	ENGLAND N.E.	SW ^{ly} to S ^{ly} winds, freshening, fair to dull and rainy.	
3	ENGLAND EAST	-----D°-----D°-----	
4	MIDLAND COUNTIES	Same as N° 5.	
5	ENGLAND SOUTH	SW ^{ly} winds, increasing considerably in force, weather becoming squally and rainy tonight, but improving tomorrow.	

DISTRICTS.		FORECASTS.	
6	SCOTLAND WEST	S ^{ly} and SE ^{ly} winds, shifting to the NW rd squally and rainy to fair.	
7	ENGLAND N.W.	-----D°-----D°-----	
8	ENGLAND S.W.	S ^{ly} to W ^{ly} winds, increasing to a gale, squally and rainy to fair.	
9	IRELAND NORTH	Same as N° 6.	
10	IRELAND SOUTH	Same as N° 8.	
WARNINGS		The S. cone has been hoisted this morning in districts 8, 10 and part of 5.	

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.92	54	52	W	2	r	3	Holyhead	29.89	60	56	SW	4	b	3
Sumburgh Head	29.50	56	53	NNW	2	c	2	Valencia	30.01	60	55	WSW	5	bc	5
Stornoway	29.63	56	53	WNW	3	r	2	Scilly	30.05	61	56	NNW	4	bc	4
Aberdeen	29.61	60	54	NN	4	c	1	Dungeneas	29.93	66	58	NN	5	c	3
Shields	29.75	56	53	WNW	4	r	2	London	29.95	64	53	WNW	3	bc	*
Ardrossan	29.73	56	54	W	4	c	3	Yarmouth	29.88	63	54	VNW	4	b	2
Malin Head	29.82	55	54	WNW	5	c	6	Jersey	30.05	62	57	W	3	c	3
Mullaghmore	29.84	59	54	WNW	6	caf	5	Rocheport	30.14	72	63	WNW	5	bc	2
Belmullet	29.89	58	52	W	4	c	*								

REMARKS.

The barometer continues to rise in all parts of our Islands as well as in the west of France. No important change has occurred in the winds. Fair weather still holds in most places, but rain is falling at Stornoway and Shields and passing showers at Mullaghmore. The sea is rather rough off the west of Ireland, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

The Continental Report for yesterday morning showed that the barometer had risen considerably over South-western Europe, while it had fallen in the north, and that readings varied from 30.1 ins: over Portugal and the Bay of Biscay to 29.3 ins: in a depression lying over the southern parts of Scandinavia, and to the same value in a second depression, which was moving eastward over Central Russia. The wind was consequently NW^W (W to N) over Western Europe, with cold and changeable weather, while over Central and Eastern Europe it was fair, and in some places warm. Over the Mediterranean the weather was fine and warm. Temperature was as high as 79° over the Balearic Isles, but varied between 70° and 73° on the northern shores of the Mediterranean to between 50° and 55° in the extreme north-west of Europe and to between 58° and 62° at several Russian stations. The highest individual readings reported were 80° at Biskra and Aumale (Algeria) 79° at Barcelona, Cagliari and Trieste; the lowest were 59° at Moscow and Riga, 57° at Warsaw, 53° at Sumburgh Head, Stornoway, and Mullaghmore and to 49° at Wick.

During the day the thermometer rose to 81° at Nice, to between 68° and 73° over the central parts of France, and to between 65° and 67° over England. In the north of Scotland the maxima were all below 60°.

DAILY WEATHER REPORT

for *Friday* — 13th August 1886.

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

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 3 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 3 p.m. and Sea Level.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force. (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).	Max.			Min.			
Haparanda	29.63	56	E	4	r	29.69	+ .06	58	55	+ 1	2	0	c	*	64	54	0.39		
Hernösand	29.54	60	S	8	o	29.60	+ .13	58	55	— 1	S	6	c	*	66	55	—		
Stockholm	29.69	55	SSE	2	b	29.74	+ .11	59	54	0	WNW	2	bc	*	66	50	—		
Wisby	29.72	59	W	4	c	29.73	+ .10	58	53	0	W	6	c	*	66	57	—		
Bodö	29.41	62	ENE	4	bc	29.39	— .01	62	55	— 2	E	4	bc	2	64	54	—		
Christiansund	29.13	55	SW	4	o	29.30	+ .24	54	48	— 4	SW	2	o	2	?	50	0.24		
Skudesnaes	29.59	53	W	4	o	29.68	+ .28	55	51	0	SW	2	o	3	?	54	—		
Færder	29.51	58	NNW	8	o	29.64	+ .30	56	52	— 1	WSW	8	b	5	59	55	—		
Skagen (The Skaw)	29.69	53	W	4	bc	29.73	+ .20	55	53	0	SW	3	b	2	59	52	0.04		
Fanö	29.80	55	SW	6	o	29.80	+ .08	58	55	+ 1	SSW	2	r	*	61	52	0.24		
Cuxhaven	29.95	62	W	3	bc	29.89	+ .03	58	56	+ 1	S	2	bc	*	63	55	—		
Sumburgh Head	29.56	50	NW	5	c	29.54	— .02	50	46	— 1	NW	4	o	4	55	46	—		
Stornoway	29.65	55	E	3	b	29.58	— .08	53	50	+ 2	NE	5	bc	4	62	45	—		
Wick	29.66	54	NW	2	b	29.58	— .05	52	49	0	NE	1	bc	0	61	35	0.04		
Nairn	29.62	56	Z	0	bc	29.54	— .13	51	49	— 3	E	2	o	2	62	49	0.06		
Aberdeen	29.66	57	Z	0	cp	29.53	— .15	56	54	+ 2	SSW	1	o	1	63	50	0.09		
Leith	29.69	59	W	2	r	29.47	— .26	56	54	+ 1	SE	1	o	*	64	53	0.07		
Shields	29.73	60	SW	3	op	29.47	— .32	60	57	+ 4	SSW	2	c	2	63	53	0.22		
Spurn Head	29.81	59	S	2	r	29.53	— .35	60	58	+ 3	S	4	bc	3	63	55	0.07		
York	29.78	58	S	1	r	29.51	— .36	57	56	+ 1	S	1	m	*	64	53	0.22		
Loughborough	29.79	60	SSW	4	o	29.53	— .41	61	58	+ 2	SSE	3	c	*	64	54	0.11		
Ardrossan	29.64	58	S	1	oap	29.43	— .35	57	56	+ 4	ENE	2	om	1	59	52	0.22		
Malin Head	29.47	56	SE	4	o	29.38	— .33	65	63	0	ESE	4	o	4	60	53	0.17		
Mullaghmore	29.42	57	ESE	5	or	29.34	— .38	58	57	+ 3	E	5	om	4	60	55	0.28		
Belmullet	29.35	60	SSE	5	bc	29.34	— .33	59	58	+ 3	NE	3	c	*	60	56	0.29		
Donaghadee	29.61	56	SSW	5	r	29.39	— .42	55	55	— 3	SSW	4	o	2	60	53	0.28		
Barrow-in-Furness	29.70	58	S	3	r	29.44	— .41	57	55	+ 1	SE	5	o	*	60	55	0.35		
Liverpool (Bidston)	29.72	56	SSE	2	r	29.43	— .46	59	57	+ 1	ESE	2	o	3	63	54	0.22		
Holyhead	29.66	56	S	5	rq	29.39	— .49	59	59	+ 3	SSE	4	pm	4	60	55	0.44		
Parsonstown	29.42	60	SSE	3	b	29.29	— .50	61	59	+ 7	SE	1	c	*	61	53	0.31		
Valencia	29.37	61	S	7	om	29.24	— .41	59	58	— 1	NNW	2	c	3	64	57	1.16		
Roche's Point	29.45	60	SSW	6	c	29.25	— .54	60	59	+ 1	SW	3	o	4	61	55	0.70		
Pembroke	29.64	56	S	7	r	29.37	— .54	60	58	+ 2	S	5	c	5	60	54	0.25		
Scilly	29.63	60	S	8	r	29.44	— .48	60	58	— 4	SW	6	c	6	64	57	0.40		
Prawle Point	29.89	59	SSW	4	r	29.51	— .50	59	59	+ 1	SW	6	cq	6	62	55	0.15		
Hurst Castle	29.85	62	S	4	c	29.57	— .45	62	60	+ 1	SW	6	c	2	64	56	0.17		
Dungeness	29.94	61	WSW	3	bc	29.64	— .34	61	59	+ 1	SSW	5	r	3	67	49	0.02		
London	29.88	60	S	2	o	29.68	— .40	60	58	+ 1	SSE	2	o	*	68	57	0.09		
Oxford	29.80	58	SSE	4	o	29.54	— .45	62	59	+ 4	S	4	oq	*	65	55	0.20		
Cambridge	29.85	59	SW	1	o	29.56	— .41	61	59	+ 5	S	1	o	*	67	54	0.11		
Yarmouth	29.88	62	WSW	2	c	29.62	— .51	62	59	+ 4	S	4	c	4	67	57	0.19		
The Helder	29.90	61	SW	3	c	29.75	— .16	58	55	— 1	SSE	1	o	1	64	55	0.04		
Cape Gris Nez	29.95	61	WSW	3	bc	29.65	— .35	61	56	+ 2	SW	5	c	4	64	57	—		
Jersey	29.87	64	SSW	3	cq	29.63	— .44	63	60	+ 3	SW	5	bm	5	67	59	0.03		
Brest	29.81	62	SSW	5	r	29.64	— .42	61	58	+ 2	WSW	7	o	5	64	58	0.28		
Lorient	29.92	65	S	7	c	29.73	— .39	64	61	+ 6	WSW	7	bc	4	72	55	0.08		
Rocheport	30.05	69	NW	4	b	29.89	— .29	66	64	+ 6	WSW	7	r	3	79	55	0.04		
Biarritz	29.94	75	E	5	b	29.91	— .21	70	63	+ 7	Z	0	b	0	77	63	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Belfort	?	66	S	3	bc	?	?	57	56	— 2	? E	1	b	*	73	46	—		
Paris	29.99	67	SSE	3	b	29.88	— .29	55	53	+ 1	SSE	3	o	*	72	53	0.04		
Lyons	33.02	65	N	1	bc	29.96	— .14	57	53	— 2	ESE	1	b	*	69	51	—		
Nice	29.87	74	WSW	1	b	29.77	— .01	71	64	+ 1	NNE	1	b	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).

WEATHER

for 8 a.m. on

CHARTS

Friday 13th August

1886.

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 —

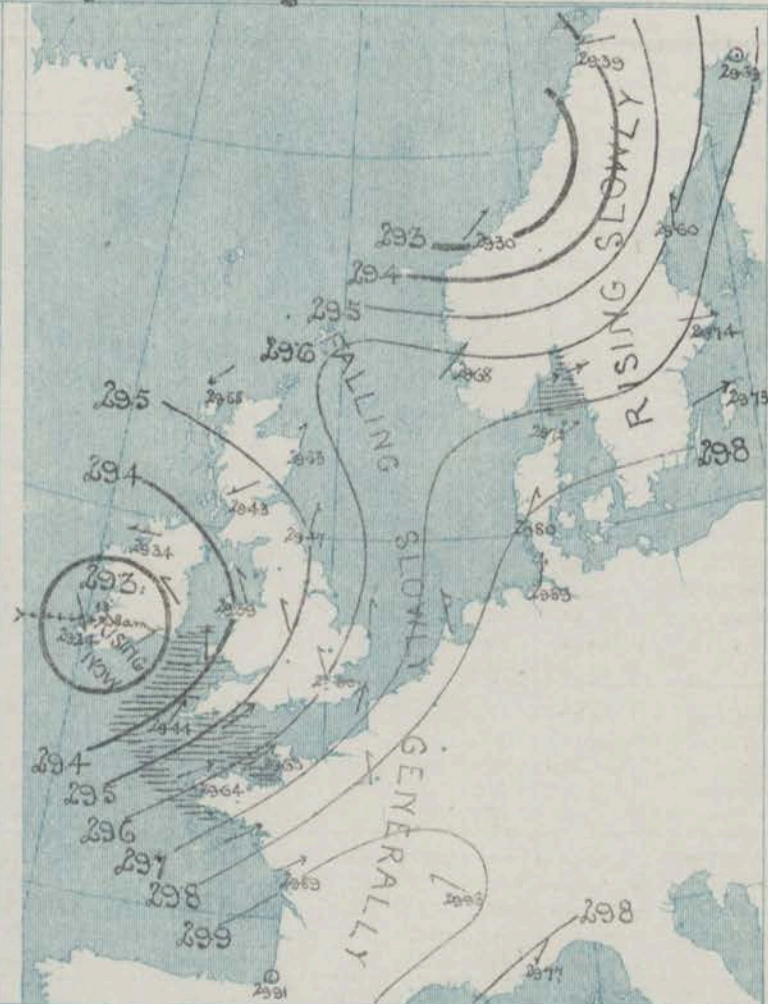
→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.956
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

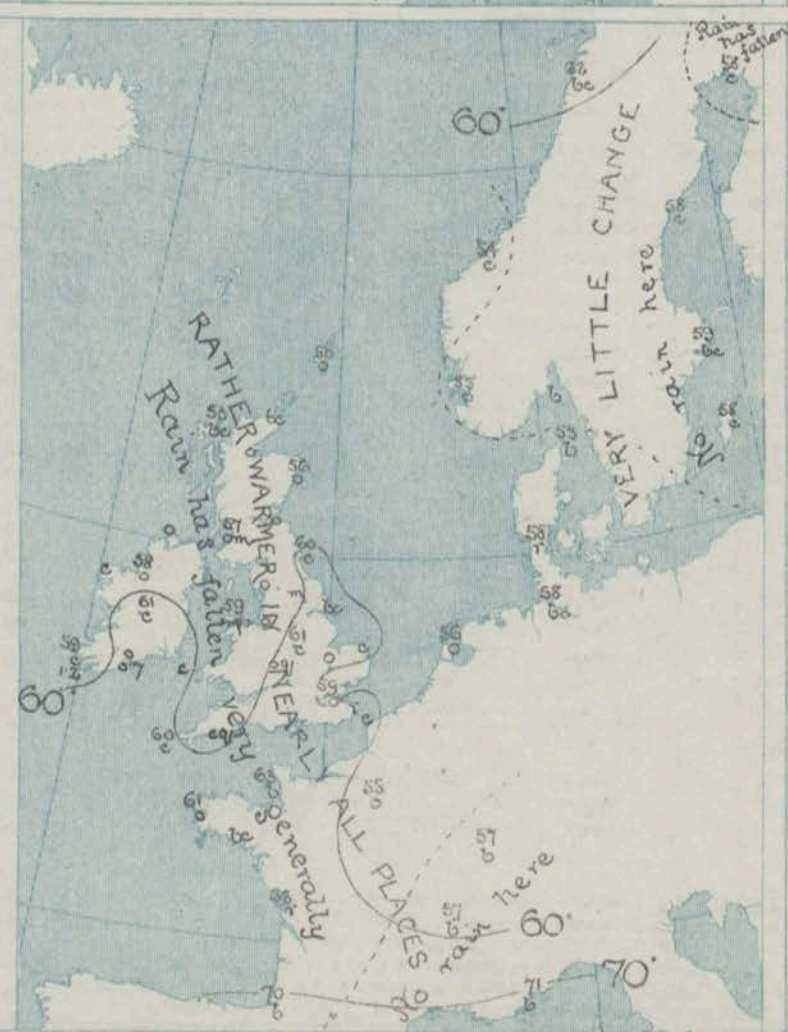
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	At 8 a.m. Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	53.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.8	55.9	2.59
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	64.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.8	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



REMARKS.

for

Friday 13th August 1886 at 8 a.m.

The depression which was approaching our west coasts yesterday morning has now reached the south of Ireland, and, while the barometer is falling decidedly over the greater part of our islands and France, it has begun to rise briskly again at Valencia. The low-pressure system over Scandinavia appears to be filling up, and the barometer is therefore rising on the eastern shores of the North Sea. The wind is strong from SW over the Channel and Bay of Biscay and moderate from S on our east coasts, but in the north and north-west it draws into E or NE, while at Valencia it has shifted to the NW^d. Over Scandinavia a separate cyclonic circulation is shown round the northern low-pressure system. During yesterday a fresh gale from the SErd or Srd was experienced on our south-west coast. The weather varies greatly in different localities, but is upon the whole cloudy and unsettled, with showers in some places, and steady rain at Taus and Rochefort. In the course of the past twenty-four hours rain has fallen generally, the largest amounts being 1.2 ins at Valencia and 0.7 in at Rochefort. Solar halos were observed yesterday at Clifford and Jersey, and a brilliant solar corona at Littingbourne. Temperature has risen a little in most places and readings over our islands now range from 63° at Jersey to 51° at Vaire. The sea is rough off the south-west of England, but moderate to smooth elsewhere.

The depression over Ireland will probably continue to move slowly eastwards, and strong winds or gales from the SWrd and W^d are likely on our southern coasts.

FORECASTS

for the 24 hours ending at NOON on 14th August 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E ^{ly} and NE ^{ly} winds, freshening, changeable, some showers.	6 { SCOTLAND WEST	Same as No. 0.
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N. W.	SE ^{ly} winds, shifting to NW; changeable, showery.
2 { ENGLAND N. E.	S ^{ly} winds, freshening, unsettled, rain at times.	8 { ENGLAND S. W.	SW ^{ly} to W ^{ly} strong winds and gales; squally, showery.
3 { ENGLAND EAST	----- D° ----- D° -----	9 { IRELAND NORTH	E ^{ly} to NW ^{ly} winds, fresh or strong, squally, showery.
4 { MIDLAND COUNTIES	----- D° ----- D° -----	10 { IRELAND SOUTH	NW ^{ly} winds, freshening, squally, showery.
5 { ENGLAND SOUTH	SW ^{ly} winds, strong, perhaps a gale; squally, showery.	WARNINGS	The S. cone was hoisted yesterday in districts 3. and 5. to 10.

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes	29.52	56	52	W	6	r	Holyhead	29.76	59	57	S	4	oq	3
Sumburgh Head	29.55	54	51	NW	5	bc	Valencia	29.44	63	61	S	6	c	6
Stornoway	29.66	58	54	ENE	2	c	Scilly	29.76	60	58	S	8	r	6
Aberdeen	29.67	58	54	NE	2	p	Dungeness	29.98	63	58	W	4	c	3
Shields	29.77	63	55	WN	3	c	London	29.95	64	56	SW	4	o	#
Ardrossan	29.70	55	55	ESE	1	o	Yarmouth	29.91	65	55	W	3	b	2
Malin Head	29.55	? 59	57	S	4	o	Jersey	29.95	67	60	S	3	bc	3
Mullaghmore	29.56	58	56	ESE	5	or	Rochefort	30.12	74	62	WNW	3	bc	2
Belmullet	29.46	59	58	SE	5	op	*							

REMARKS.

The barometer is now falling at all but our extreme N^W stations, most in the W. The wind has increased to a fresh gale from S. at Scilly, while in Scotland it has shifted to the E^{SE}, but on our east coasts it remains SW^W or W^W. The weather has cleared somewhat at Valencia, but rain is falling at Mullaghmore and Scilly, and passing showers at Aberdeen and Belmullet. The sea is rough at Valencia and Scilly, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

The Continental Reports for yesterday morning showed that pressure was highest (29.9 ins. to 30.2 ins.) over Western Europe and North Germany, while it was lowest over Scandinavia. The depression noticed over Russia on Wednesday had moved away to the eastward, but a new one had appeared off the west of Ireland, where the barometer had fallen fast and the wind had backed. W^W breezes and rather showery weather prevailed over the Baltic, variable air and changeable weather over the south of France, and SW^W to SE^W breeze, with very changeable weather over the Western parts of the British Isles. Temperature had fallen generally, and was very low all over Western Europe. In Western Russia, however, and Finland, it was higher, and on the southern side of the Mediterranean it remained high. The 8 a.m. values varied from between 65° and 75° in the south of France to very little above 50° both in the extreme north-west of Europe and over the north-east of France. At some inland stations the thermometer exposed on the grass fell to below 40°. The highest individual readings reported were 86° at Biskra (Algeria), 79° at Constantinople, 78° at Samara and 76° at Trieste; the lowest were 50° at Charlevoix, 51° at Stornoway, and 54° at Archangel.

During the day the thermometer rose to 82° at Nice and 79° at Rochefort, but over England the maxima ranged from only 62° to 68°, and in Ireland they were still lower. Much rain fell in the south of Ireland, and showers in all other parts of the Kingdom and west of France, and coronae and halos were seen in many places.

DAILY WEATHER REPORT

for *Saturday* 14th August 1886.

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.		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	29.77	57	Z	0	o	29.87	+ .18	60	56	+ 2	Z	0	c	*	64	52	—	
Hernösand	29.71	58	S	2	bc	29.89	+ .29	58	54	+ 0	SSW	4	b	*	64	55	—	
Stockholm	29.84	55	W	2	bc	29.91	+ .17	63	59	+ 4	S	2	c	*	66	48	—	
Wisby	29.82	57	SSW	4	b	29.84	+ .11	58	56	+ 0	SE	4	o	*	66	54	—	
Bodö	29.59	57	SW	2	bc	29.67	+ .28	59	55	+ 3	E	2	b	1	64	50	0.04	
Christiansund	29.55	52	E	1	c	29.61	+ .31	54	51	+ 0	SE	1	c	3	55	46	—	
† Skudesnaes	29.60	54	ESE	4	r	29.62	+ .06	57	56	+ 2	ESE	2	r	3	57	54	0.05	
Færder	29.72	57	S	6	o	29.71	+ .07	58	56	+ 2	S	6	r	3	?	?	—	
Skagen (The Skaw)	29.74	59	S	2	o	29.69	+ .04	59	57	+ 4	SE	3	o	2	61	55	0.08	
Fanö	29.68	59	E	3	b	29.64	+ .16	58	57	+ 0	E	3	b	*	64	55	0.04	
Cuxhaven	29.77	64	SE	2	bc	29.67	+ .22	61	60	+ 3	SSW	1	f	*	68	57	0.04	
† Sumburgh Head	29.57	51	W	3	c	29.69	+ .15	49	48	+ 1	N	3	o	2	55	46	0.02	
† Stornoway	29.67	52	N	4	cg	29.88	+ .25	52	49	+ 1	N	4	bc	3	57	43	—	
Wick	29.62	52	NW	2	bc	29.80	+ .22	52	50	+ 0	NW	2	o	1	58	45	—	
Nairn	29.62	52	Z	0	o	29.80	+ .26	52	48	+ 1	NNW	1	bc	2	57	47	0.05	
† Aberdeen	29.58	52	NNE	2	rg	29.82	+ .29	51	49	+ 5	NNW	3	o	1	61	44	—	
Leith	29.55	56	SE	1	o	29.83	+ .36	52	50	+ 4	SE	1	om	*	57	49	0.01	
† Shields	29.58	57	N	1	o	29.84	+ .37	55	50	+ 5	NNE	2	c	3	62	51	—	
Spurn Head	29.47	59	SSE	2	bc	29.75	+ .22	56	55	+ 4	NNW	5	c	3	65	55	0.03	
York	29.46	61	NNE	1	c	29.82	+ .31	53	52	+ 4	N	1	o	*	67	52	0.47	
Loughborough	29.46	65	SW	2	c	29.81	+ .28	57	55	+ 4	NNW	3	og	*	70	53	0.26	
† Ardrossan	29.53	63	ENE	1	cm	29.82	+ .39	57	54	+ 0	ENE	1	bm	1	63	51	—	
Malin Head	29.59	55	N	4	c	29.87	+ .49	53	53	+ 2	N	3	o	3	58	51	—	
† Mullaghmore	29.57	59	N	6	bc	29.90	+ .56	54	49	+ 4	NW	4	o	2	65	52	0.03	
† Belmullet	29.60	57	NE	5	o	29.93	+ .59	54	49	+ 5	NNE	1	o	*	62	52	—	
Donaghadee	29.52	58	NNE	4	c	29.85	+ .46	53	51	+ 2	NNE	5	bc	3	61	50	—	
Barrow-in-Furness	29.45	60	N	2	c	29.77	+ .33	54	53	+ 3	NNE	2	bc	*	64	52	0.23	
Liverpool (Bidston)	29.45	64	NW	1	b	29.82	+ .39	60	55	+ 1	NNE	1	bc	2	68	56	0.10	
† Holyhead	29.47	59	NNE	3	b	29.84	+ .45	55	54	+ 4	NNW	4	c	2	69	55	0.07	
† Parsonstown	29.51	66	NNW	2	c	29.93	+ .64	54	51	+ 7	Z	0	o	*	69	53	0.06	
† Valencia	29.52	60	NNW	3	cm	29.96	+ .72	57	55	+ 2	NNW	2	o	2	65	55	0.01	
Roche's Point	29.47	66	N	3	bc	29.90	+ .65	57	54	+ 3	N	3	c	3	66	54	0.07	
Pembroke	29.45	56	Z	0	bc	29.86	+ .49	58	56	+ 2	N	5	cg	3	62	55	0.11	
† Scilly	29.46	61	WNW	7	c	29.87	+ .43	61	60	+ 1	NNW	2	c	6	64	57	0.10	
† Prawle Point	29.47	58	SW	6	o	29.83	+ .32	62	60	+ 3	NW	3	b	4	62	54	0.06	
Hurst Castle	29.52	61	SW	6	c	29.78	+ .21	62	60	+ 0	NNW	2	bc	4	66	55	0.02	
† Dungeness	29.57	61	WSW	5	c	29.69	+ .05	62	61	+ 1	Z	0	bc	1	67	58	0.15	
† London	29.54	63	S	3	c	29.76	+ .16	59	57	+ 0	NNW	2	og	*	69	55	0.04	
Oxford	29.52	60	SSW	2	o	29.80	+ .26	57	56	+ 5	N	2	o	*	67	53	0.17	
Cambridge	29.51	63	SW	1	c	29.69	+ .13	57	57	+ 4	N	1	o	*	71	57	0.11	
† Yarmouth	29.52	63	SSW	4	bc	29.71	+ .09	58	57	+ 4	NNW	3	og	3	65	56	0.03	
The Helder	29.61	60	S	1	o	29.66	+ .09	63	60	+ 5	WSW	3	c	3	70	57	—	
Cape Gris Nez	29.59	62	SW	5	r	29.69	+ .04	61	60	+ 0	W	5	o	3	70	59	0.16	
† Jersey	29.58	62	WSW	5	c	29.82	+ .19	61	60	+ 2	NW	4	cm	4	67	58	0.32	
Brest	29.63	61	W	7	o	29.88	+ .24	60	59	+ 1	NW	4	m	5	64	55	0.04	
Lorient	29.72	64	WSW	8	r	29.89	+ .16	62	60	+ 2	WNW	7	o	5	70	55	0.04	
† Rochefort	29.91	69	WSW	8	c	30.00	+ .11	66	62	+ 0	W	8	c	3	75	59	—	
Biarritz	29.97	70	N	4	o	30.06	+ .15	65	63	+ 5	SW	5	o	3	77	63	0.08	
Cornuina	*	*	*	*	*	30.11	+ .13	61	60	+ 7	WSW	1	r	5	75	59	0.04	
Brussels	*	*	*	*	*	29.75	+ .01	61	59	+ 1	SW	5	o	*	68	58	0.12	
Belfort	?	74	E	1	b	?	?	60	59	+ 3	W	4	bc	*	73	47	0.95	
Paris	29.73	67	WSW	3	c	29.87	+ .02	60	59	+ 5	SSW	3	c	*	73	58	0.16	
Lyons	29.83	75	WSW	1	bc	29.97	+ .01	66	61	+ 9	N	1	c	*	82	?	—	
Nice	29.93	73	W	1	b	29.95	+ .18	67	59	+ 4	ENE	1	m	0	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).

WEATHER CHARTS

for 8 a.m. on

Saturday 14th August

1886.

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 —

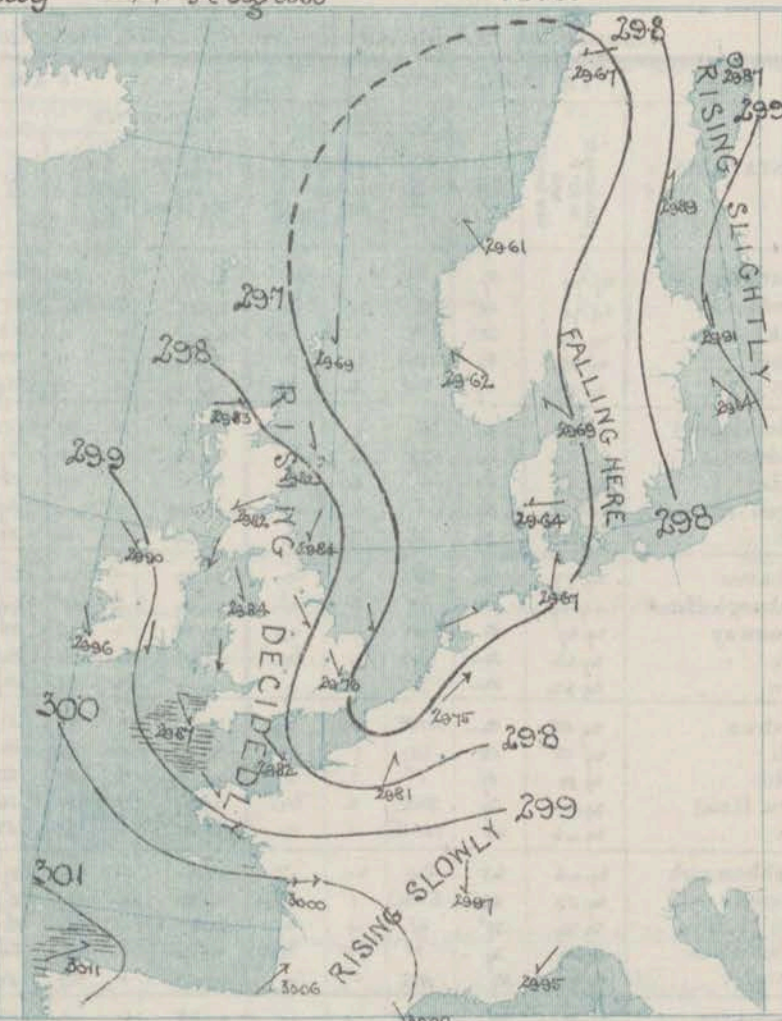
→ = forces above 10, → = forces 8 to 10,
→ = forces 5 to 7, → = forces 1 to 4,
○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.961
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

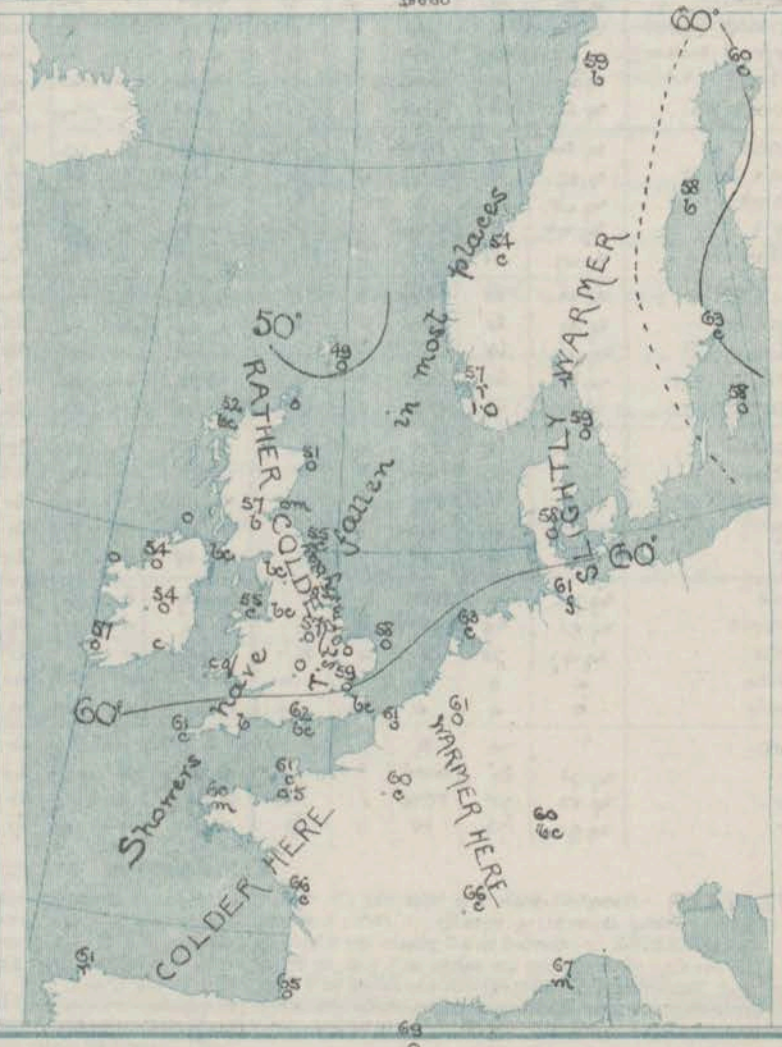
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	Avg. in Shade	Wet	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.8	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	68.3	54.7	59.2	59.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.8	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	55.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 10 years 1866—85.



for

at 8 a.m.

The low-pressure system over the North Sea seems likely to fill up gradually and as there is no sign of any fresh disturbance fair weather will probably continue over our islands for a time.

for the 24 hours ending at NOON on 15th August 1886.
(Issued at 11 a.m. on the previous day.)

Fredk. Dangerveld, Lith. London, (13).

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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.63	57	54	S	6	o	4	Holyhead	29.41	64	61	SSW	3	bc	2
Sumburgh Head	29.56	52	47	W	3	c	3	Valencia	29.48	64	62	NN	4	c	5
Stornoway	29.63	55	50	NNE	4	c	2	Scilly	29.43	62	60	Wen	6	c	6
Aberdeen	29.54	57	55	ESE	1	c	1	Dungeness	29.59	64	61	SSW	5	o	3
Shields	29.45	59	57	E	2	c	2	London	29.53	67	61	S	5	cg	*
Ardrossan	29.48	63	60	ESE	2	o	1	Yarmouth	29.55	63	61	S	5	bc	4
Malin Head	29.51	56	53	ESE	3	m	3	Jersey	29.61	65	61	WSW	5	c	5
Mullaghmore	29.45	64	60	N	4	c	3	Rochefort	29.92	73	67	W	8	c	3
Belmullet	29.51	60	57	NE	5	o	*								

REMARKS.

The depression in the west appears to have split up into two portions, and these are moving slowly in a NE³ or E³ direction. On our western coast the barometer is rising quickly. No important change is shown in the winds and fair weather is at present reported generally. The sea is rough at Scilly, and rather rough at Valencia, but moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

The Continental Reports for yesterday showed that pressure was highest 30.1 ins. in the neighbourhood of the Massif des Alpes, whence a long band of relatively high readings extended in a northeasterly direction over Spain, Italy and Austria to Western Russia. Over the whole of this region the winds were therefore light and variable and the weather fine. To the northwestward of the high pressure system two well marked depressions were found, each with minimum barometer readings of about 29.3 ins. One of these lay over the west of Norway, and the other over the south of Ireland; but although the winds in their immediate neighbourhoods showed a decided cyclonic circulation the weather was mostly fair. Over France and the eastern shores of the North Sea fresh SW³ breezes and showers were reported. Temperature had risen a little over Northwestern Europe, but fallen elsewhere; the 8 am readings ranged from 82° at Palma and a little above 77° on the shores of the Mediterranean generally to 53° at Cassel and 50° in the Shetlands.

In the course of the day the thermometer rose to 79° at Nice and 82° at Lyons, but over the British Isles and north of France it scarcely exceeded 70° and in some parts of Scotland it did not reach 60°.

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

DAILY WEATHER REPORT

for Sunday - 15th August 1886.

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 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	29.99	54	Z	0	b	30.04	+ .17	64	59	+ 4	S	2	c	*	66	54	—		
Hernösand	29.97	59	Z	0	bc	30.00	+ .11	60	57	+ 2	S	4	o	*	68	52	—		
Stockholm	29.85	59	E	2	o	29.83	— .08	63	61	0	Z	0	r	*	66	50	0.35		
Wisby	29.76	64	SE	4	c	29.76	— .08	62	60	+ 4	S	4	b	*	70	52	0.08		
Bodö	29.80	50	E	1	bc	29.87	+ .20	62	59	+ 3	E	2	o	1	68	54	—		
Christiansund	29.83	51	W	2	r	29.89	+ .22	50	50	— 4	NW	1	r	2	55	50	0.39		
Skudesnæs	29.85	54	NW	6	o	29.96	+ .34	54	50	— 3	NW	4	c	3	57	54	—		
Færder	29.87	52	E	2	o	29.88	+ .17	59	57	+ 1	NNW	2	b	1	61	57	—		
Skagen (The Skaw)	29.76	59	E	1	b	29.89	+ .10	59	58	0	NW	1	c	1	64	54	—		
Fanö	29.86	58	W	2	c	30.00	+ .36	56	52	— 2	W	2	c	*	66	54	—		
Cuxhaven	29.80	64	W	2	c	30.09	+ .42	60	59	— 1	WNW	4	o	*	66	57	0.10		
Sumburgh Head	29.86	52	W	3	bc	29.78	+ .09	51	50	+ 2	SSE	4	r	4	56	46	0.12		
Stornoway	29.89	54	SSW	4	c	29.63	— .20	53	52	+ 1	S	6	ag	6	58	50	0.10		
Wick	29.91	54	S	1	bc	29.70	— .10	55	53	+ 3	S	2	o	2	57	50	—		
Nairn	29.87	58	Z	0	bc	29.74	— .06	55	52	+ 3	Z	0	c	0	62	47	—		
Aberdeen	29.93	55	SE	1	b	29.81	— .01	58	53	+ 7	S	3	b	1	61	47	—		
Leith	29.91	57	SE	1	bc	29.88	+ .05	61	55	+ 9	WSW	1	c	*	61	43	—		
Shields	29.98	54	E	2	c	29.98	+ .14	58	55	+ 3	SW	2	bc	3	58	46	—		
Sporn Head	30.00	55	NE	3	bc	30.04	+ .29	56	55	0	SSW	4	over	2	59	53	—		
York	29.98	60	E	1	c	30.03	+ .21	58	54	+ 5	SW	2	b	*	64	49	—		
Loughborough	29.99	63	E	1	c	30.08	+ .27	59	57	+ 2	WSW	3	c	*	70	52	—		
Ardrossan	29.94	59	WNW	3	o	29.85	+ .03	57	56	0	SSE	4	o	3	62	48	—		
Malin Head	29.94	56	WSW	1	o	29.72	— .15	57	54	+ 4	S	4	o	3	68	50	—		
Mullaghmore	29.96	58	WNW	1	bc	29.69	— .21	60	59	+ 6	SSE	6	r	5	62	53	0.08		
Belmullet	29.96	59	SW	2	b	29.66	— .27	61	61	+ 7	SW	7	r	*	61	54	0.16		
Donaghadee	30.00	55	NE	2	c	29.88	+ .03	56	55	+ 3	SW	6	o	4	58	48	0.01		
Barrow-in-Furness	29.96	60	NW	2	b	29.99	+ .22	58	53	+ 4	S	4	b	*	62	51	—		
Liverpool (Bidston)	30.01	55	WNW	2	bc	30.02	+ .20	60	55	0	SSE	2	b	3	64	51	—		
Holyhead	30.01	55	NNW	1	b	29.98	+ .14	59	57	+ 4	SSW	5	cgr	4	59	51	—		
Parsonstown	30.00	62	SE	2	bc	29.84	— .09	61	59	+ 7	S	1	r	*	63	50	—		
Valencia	30.02	61	SSW	3	b	29.81	— .15	62	61	+ 5	S	7	rmg	6	63	56	0.50		
Roche's Point	30.03	62	SW	3	b	29.90	— .00	60	60	+ 3	SSW	5	r	4	64	52	0.10		
Pembroke	30.03	56	NW	2	c	30.05	+ .19	58	56	0	SSW	4	cgr	4	60	56	—		
Seilly	30.05	61	NW	2	bc	30.08	+ .21	61	59	0	SSW	4	o	4	63	54	—		
Prawle Point	00.02	64	NW	3	b	30.14	+ .31	58	56	— 4	WSW	2	bc	2	68	51	—		
Hurst Castle	30.01	64	WSW	2	m	30.13	+ .35	59	59	— 3	SSW	2	over	2	67	57	—		
Dungeness	29.99	63	NNE	2	c	30.13	+ .44	61	59	— 1	S	3	b	1	68	57	—		
London	30.06	66	SSE	4	b	30.11	+ .35	62	58	+ 3	S	3	c	*	68	56	—		
Oxford	30.05	62	E	2	o	30.12	+ .32	58	57	+ 1	SSE	3	o	*	67	55	—		
Cambridge	30.00	58	N	1	bc	30.10	+ .41	61	59	+ 4	SW	1	bc	*	63	49	—		
Yarmouth	30.01	58	NNW	2	bc	30.10	+ .39	60	58	+ 2	SSW	4	c	3	63	49	—		
The Helder	29.98	58	NNW	4	c	30.13	+ .47	58	52	— 5	NW	1	bc	1	64	55	—		
Cape Gris Nez	29.97	61	E	3	c	30.14	+ .45	58	56	— 3	S	3	b	2	68	52	—		
Jersey	30.04	61	WNW	3	o	30.16	+ .34	60	59	— 1	W	2	over	2	64	56	—		
Brest	30.08	63	Z	0	b	30.17	+ .29	59	58	— 1	S	3	b	4	64	54	—		
Lorient	30.07	64	WNW	4	c	30.20	+ .31	58	55	— 4	ENE	1	o	7	68	52	—		
Rochefort	30.14	62	WNW	5	o	30.21	+ .21	68	63	+ 2	NE	3	o	2	73	61	—		
Biarritz	30.14	68	W	4	o	30.19	+ .13	64	62	— 1	SSW	3	o	4	72	63	0.20		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.17	+ .42	58	53	— 3	WNW	4	o	*	70	53	0.04		
Belfort	?	65	W	5	b	30.25	?	60	58	0	W	1	c	*	79	48	0.47		
Paris	30.02	67	NW	3	o	30.19	+ .38	57	56	— 3	N	1	bc	*	74	53	0.08		
Lyons	30.02	73	N	1	bc	30.13	+ .16	64	58	— 2	NNW	1	b	*	78	60	—		
Nice	29.93	70	E	3	f	30.00	+ .05	72	69	+ 5	Z	0	b	1	79	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 Sunday, 15th August

1886.

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—

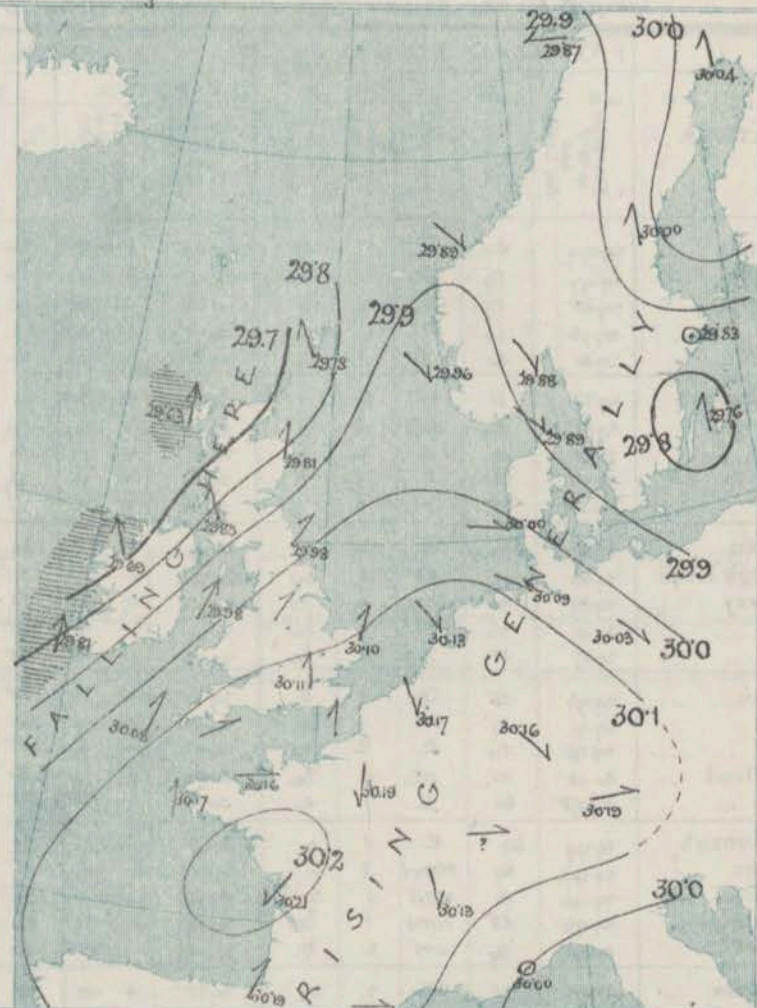
→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ⊙ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.906
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.870
York	29.905
Ardrossan	29.856
Donsghadec	29.888
Holyhead	29.803
Liverpool	29.898
Valencia	29.908
Rocha's Point	29.908
Pembroke	29.910
Scilly	29.961
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.920
Yarmouth	29.928



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.

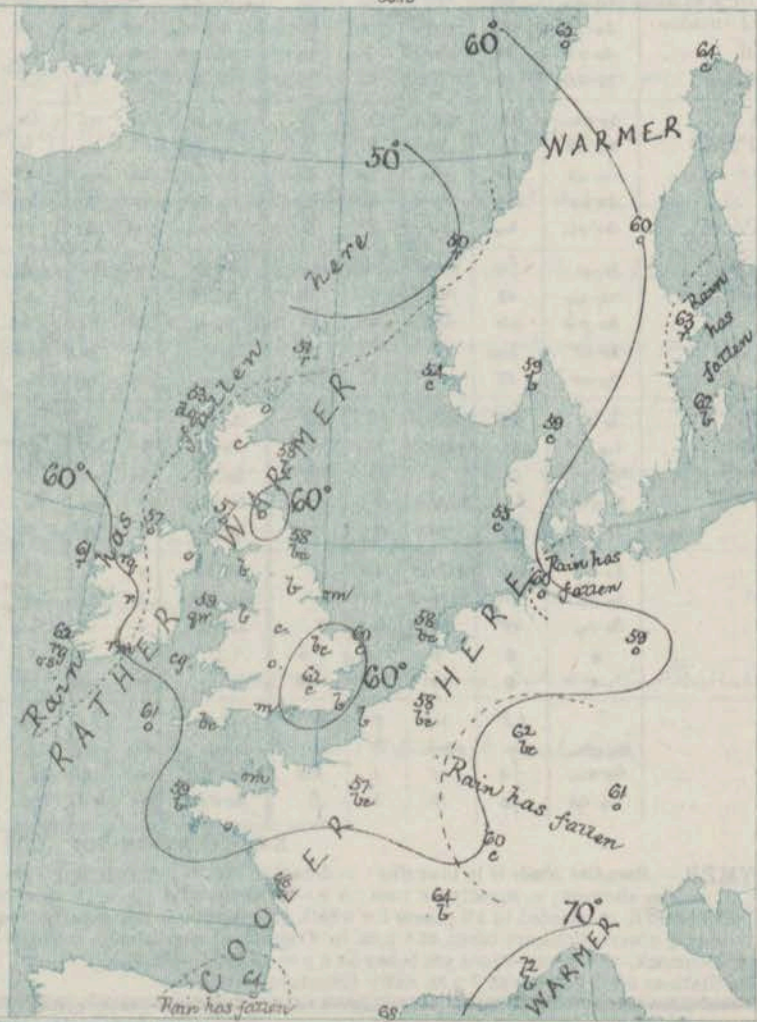
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of August

STATIONS.	TEMPERATURE				RAINFALL. (Inches)
	Daily Max.	Daily Min.	A.T. & M. Dry.	A.T. & M. Wet.	
Sumburgh Head	59.3	48.8	54.1	52.4	8.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.0	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donsghadec	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.0	2.59
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Rocha's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Notes—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



for Sunday 15th August 1886 at 8 a.m.

FORECASTS

for the 24 hours ending at NOON on 16th August, 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	<i>None issued.</i>	6 { SCOTLAND WEST	<i>None issued</i>
1 { SCOTLAND EAST		7 { ENGLAND N. W.	
2 { ENGLAND N. E.		8 { ENGLAND S. W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	<i>None issued</i>

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

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.72	57	55	WNW	2	r	3	Holyhead	29.97	56	54	NNW	3	bc	2
Sumburgh Head	29.78	55	52	WNW	3	c	2	Valencia	30.03	63	57	SW	3	b	3
Stornoway	29.87	57	51	W	3	c	2	Scilly	30.01	62	59	NW	3	cm	5
Aberdeen	29.90	58	52	NNW	2	bc	1	Dungeness	29.88	65	60	N	1	o	1
Shields	29.93	57	51	NE	2	c	3	London	29.94	63	58	NNW	3	c	*
Ardrossan	29.90	61	58	WNW	2	b	1	Yarmouth	29.91	59	56	NNW	4	c	4
Malin Head	29.94	60	60	WNW	1	b	1	Jersey	29.99	62	60	WNW	3	o	4
Mullaghmore	29.96	60	53	W	2	b	2	Rochefort	30.09	70	64	WNW	5	o	2
Belmullet	29.97	61	53	SW	1	b	*								

REMARKS.

The barometer continues to rise generally, but in the west of Ireland the change has slackened considerably, and the wind there has backed to SW. Elsewhere NW³ or N³ breezes continue. Fair weather is now reported in nearly all parts of our Islands, but at Skudeen rain is falling. The sea is rather rough at Scilly, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning's continental reports showed that pressure was highest over the Atlantic - to the Wnd of Azores, but that it was also rather high over Russia and south-eastern and southern Europe. Over the North Sea, however, there lay a depression, which was apparently filling up. Thus, while cold NW³ and N³ winds, and cloudy, showery weather prevailed over Western Europe, S³ (SW to SE) breezes and fairer, warmer weather were being experienced over Central Europe, Russia, and the Baltic. Temperature varied from about 70° in the south of France, and the northern part of the Adriatic and from about 60° over the Baltic Provinces and Sweden to between 50° and 55° on our north and north-east coasts and in the north of Russia. The highest individual readings reported were 84° at Biskra (Algeria), 79° at Brindisi, and 72° at Trieste, Legna, and Barcelona; the lowest 44° at Sumburgh Head, 51° at Aberdeen, 52° at Leith and 53° at Archangel.

During the day the thermometer did not reach 80° at any of the European stations from which reports have been received at present. At Nice and Belfort the maximum was 79°, at Paris 74°, but in London the maximum was only 68° and at Loughborough 70°.

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

DAILY WEATHER REPORT

for Monday - 16th August 1886.

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. N. 500 P. 1.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 39° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sun. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12.)		Reading at 39° 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	30.02	57	Z	0	0	29.98	-.06	59	57	-	5	E	2	0	•	68	48	-	
Hernösand	29.97	56	Z	0	0	29.97	-.03	59	56	-	1	E	2	0	•	66	55	-	
Stockholm	29.91	60	N	2	0	29.99	+.16	60	57	-	3	Z	0	0	•	70	52	0.08	
Wisby	29.88	60	SW	4	0	29.90	+.14	61	59	-	1	NNE	4	0	•	68	59	-	
Bodö	29.84	59	Z	0	0	29.89	+.02	55	54	-	7	N	2	0	•	66	50	0.04	
Christiansund	29.91	52	NE	1	0	29.72	-.17	56	53	+	6	ESE	3	0	2	?	50	0.04	
Skudesnaes	29.93	56	SSE	6	0	29.74	-.22	59	57	+	5	SSE	8	0	4	59	54	-	
Faerder	29.93	59	SW	4	0	29.93	+.05	59	57	0	0	SW	4	0	3	63	57	-	
Skagen (The Skaw)	30.01	54	W	3	0	29.97	+.08	57	56	-	2	SW	2	0	1	63	54	-	
Fanö	30.12	57	W	4	0	29.98	-.02	61	58	+	5	SSE	2	0	•	63	54	-	
Cuxhaven	30.16	59	W	2	0	30.05	-.14	59	56	-	4	S	1	0	•	61	52	-	
† Sumburgh Head	29.60	53	SSE	5	0	29.41	-.37	53	52	+	2	SSE	4	0	4	54	49	0.22	
† Stornoway	29.49	57	S	6	0	29.32	-.31	55	54	+	2	SSE	5	0	5	58	51	0.25	
Wick	29.53	55	S	5	0	29.37	-.36	60	56	+	5	S	2	0	2	60	51	0.15	
Nairn	29.55	65	SW	1	0	29.37	-.37	59	57	+	4	SW	1	0	2	67	54	0.02	
† Aberdeen	29.69	57	SW	2	0	29.46	-.35	57	55	-	1	SW	4	0	2	62	54	0.06	
Leith	29.67	64	SW	4	0	29.50	-.38	58	55	-	3	W	4	0	•	65	57	0.01	
† Shields	29.82	62	S	3	0	29.61	-.37	61	59	+	3	SW	4	0	2	66	56	0.10	
Spurn Head	29.93	65	S	3	0	29.75	-.29	62	59	+	6	SW	4	0	2	68	56	0.08	
York	29.91	66	S	1	0	29.71	-.32	60	56	+	2	SW	3	0	•	71	56	0.28	
Loughborough	29.96	67	SW	3	0	29.79	-.29	61	58	+	2	WSW	4	0	•	73	57	0.12	
† Ardrossan	29.67	59	S	4	0	29.52	-.38	55	55	-	2	SW	6	0	4	59	54	0.08	
Malin Head	29.57	63	SW	4	0	29.45	-.27	55	54	-	2	W	4	0	4	66	52	0.10	
† Mullaghmore	29.61	63	SW	6	0	29.58	-.11	56	53	-	4	WSW	6	0	5	70	53	0.08	
Belmullet	29.60	60	SW	7	0	29.59	-.07	56	53	-	5	W	8	0	•	64	53	0.00	
Donaghadee	29.70	62	SW	5	0	29.61	-.27	57	55	+	1	W	5	0	3	62	53	0.15	
Barrow-in-Furness	29.80	61	S	6	0	29.67	-.32	57	54	-	1	SW	6	0	•	62	56	0.54	
Liverpool (Bidston)	29.85	61	SSE	3	0	29.74	-.28	58	53	-	2	WSW	3	0	4	69	57	0.63	
† Holyhead	29.82	59	SW	6	0	29.73	-.25	57	54	-	2	WSW	5	0	4	61	56	0.48	
Parsonstown	29.73	64	SW	1	0	29.74	-.10	56	53	-	5	NW	3	0	•	71	52	0.11	
† Valencia	29.79	62	SW	7	0	29.89	+.08	58	56	-	4	W	6	0	6	65	53	0.11	
Roche's Point	29.82	63	WSW	4	0	29.85	+.05	57	54	-	3	W	3	0	4	63	52	0.58	
Pembroke	29.89	57	SW	6	0	29.85	-.20	58	55	0	0	W	6	0	6	61	56	0.20	
† Scilly	29.98	62	SW	6	0	29.97	-.11	60	55	+	2	WNW	6	0	6	65	55	0.15	
Prawle Point	30.08	60	SW	4	0	29.95	-.19	58	57	0	0	W	4	0	5	68	55	0.07	
Hurst Castle	30.10	61	SW	4	0	29.93	-.20	62	61	+	3	WSW	6	0	2	66	58	0.15	
† Dungeness	30.08	64	S	3	0	29.94	-.19	60	60	-	1	SW	5	0	3	68	59	0.10	
† London	30.06	66	SSE	4	0	29.87	-.24	62	60	0	0	SW	2	0	•	72	57	0.12	
Oxford	30.02	60	S	4	0	29.86	-.24	60	57	+	2	SW	5	0	•	70	58	0.25	
Cambridge	30.03	59	SW	1	0	29.83	-.27	63	61	+	2	SW	2	0	•	72	56	0.21	
† Yarmouth	30.05	66	S	4	0	29.86	-.24	61	60	+	1	SW	4	0	4	66	56	0.19	
The Helder	30.10	58	S	1	0	29.94	-.19	60	57	+	2	S	1	0	2	64	54	-	
Cape Gris Nez																			
† Jersey	30.13	63	Z	0	0	30.01	-.15	61	59	+	1	W	5	0	4	67	58	0.07	
Brest	30.15	63	SW	4	0	30.06	-.11	60	57	+	1	NW	4	0	4	66	54	0.04	
Lorient	30.10	64	WNW	4	0	30.08	-.12	61	60	+	3	NW	4	0	3	73	54	0.04	
† Rochefort	30.22	69	WNW	5	0	30.20	-.01	64	64	-	4	SW	4	0	2	77	59	-	
Biarritz	30.21	70	NW	4	0	30.19	-.02	68	65	+	4	SW	1	0	2	72	63	0.04	
Coruna	*	*	*	*	*	30.21	*	62	59	+	6	ENE	1	0	2	73	55	-	
Brussels	*	*	*	*	*	29.99	-.18	64	59	+	6	SW	4	0	•	68	55	-	
Belfast	?	66	E	1	0	?	?	62	59	+	2	E	1	0	•	75	49	-	
Paris	30.14	69	E	1	0	30.08	-.11	61	58	+	4	S	1	0	•	74	53	-	
Lyons	30.11	71	N	3	0	30.13	+.02	63	58	-	1	N	1	0	•	75	58	-	
Nice	30.01	70	Z	0	0	29.99	-.01	73	66	+	1	S	1	0	•	77	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 the Meteorological Office, 116, Victoria Street, London.

WEATHER CHARTS

for 8 a.m. on Monday, 16th August 1886.

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 —

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

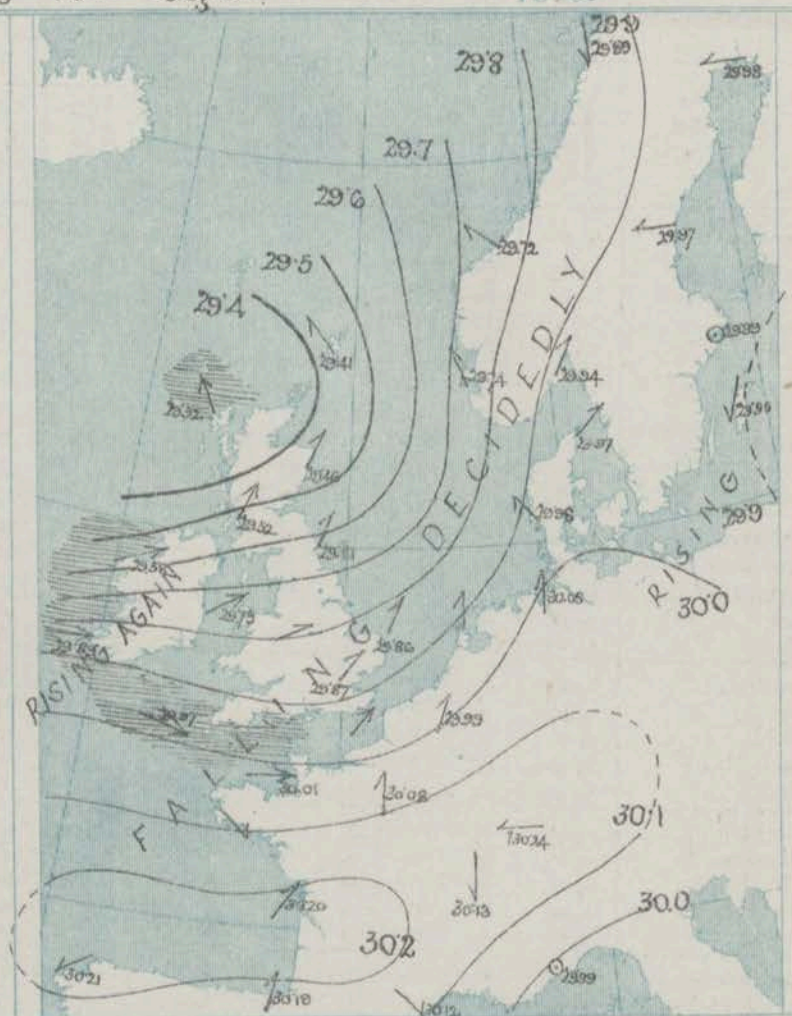
Sea Disturbance — where considerable, is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Seilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

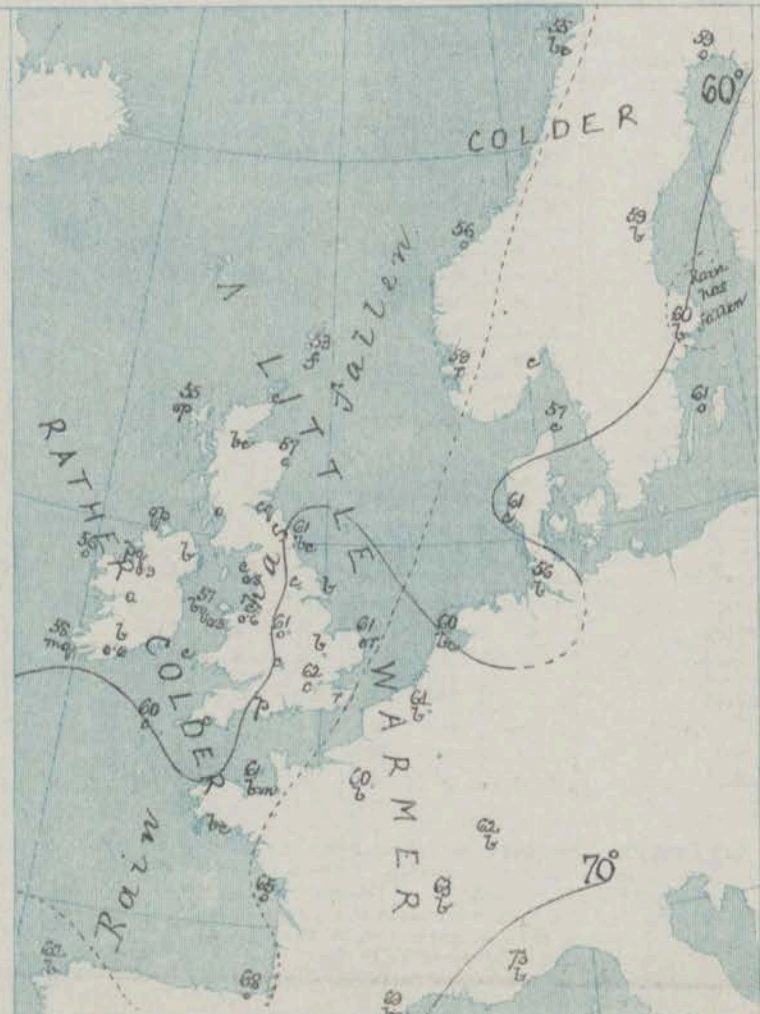
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.80
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Seilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	1.33
Cambridge	71.9	62.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



for MONDAY 16th AUGUST 1886 at 8 a.m.

Moderate gales from between E. and S.W. were experienced yesterday on many parts of our western and northern coasts. The weather although fine in some places, is, upon the whole, in a squally showery state. In the course of the past 24 hours rain has fallen generally, the largest amount being 0.9 in. at Belmullet, 0.6 in. at Liverpool and Rockin Point, and 0.5 in. at Barrow-in-Wurness & Holyhead. Temperature has risen a little at several of our northern and eastern stations, but fallen elsewhere; readings over our islands now range from 63° at Cambridge to 53° in the Shetlands. The sea is rough on our southwest coasts and rather rough in the extreme northwest, but moderate to smooth elsewhere.

The depression in the north will probably continue to move in a northeasterly direction, but no permanent improvement in the weather is likely at present.

for the 24 hours ending at NOON on 17th AUGUST 1886.
(Issued at 11 a.m. on the previous day.)

YESTERDAY'S 2 P.M. REPORTS

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.99	59	51	SSE 2	0	3	Rocheport.	30.24	74	67	WNW 4	c	2

CONTINENTAL INFORMATION.

Reports not yet received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

AND THEIR NEIGHBOURHOOD.

FROM THE 8TH TO THE 14TH AUGUST 1886

The weather of the past week has remained in an exceedingly unsettled and showery state, and temperature has again been low for the time of year.

Barometrical pressure has been usually highest to the south of our islands and in the course of the period two depressions of considerable interest have appeared in our neighbourhood.

The first of these, — a system of gradually increasing intensity — first appeared over the Bay of Biscay, on the morning of the 9th as a shallow area of low-pressure, but in the course of the ensuing night it moved north-eastwards and developed a well defined minimum over the eastern part of the Channel. By the morning of the 11th this had travelled away to the north of Denmark, but in the meantime another shallow depression had advanced from Iceland to the south-west of Norway. Shortly afterwards the two depressions joined and on the morning of the 12th a decided cyclonic centre, with readings about half an inch lower than those in either of the two systems from which it had sprung lay over Christiansund.

The second depression — one of diminishing intensity — now began to affect our west coasts, where the barometer on the 12th fell rapidly with S^W gales and heavy rain. By the morning of the 13th the centre of the advancing disturbance had reached the south of Ireland, and in the course of the ensuing twenty-four hours it passed directly across our islands occasioning severe thunderstorms in some parts of England. In the course of its progress, however it rapidly filled up and at 8 am on the 14th when the disturbance had reached the North Sea, the minimum readings were 0.4 in higher than they had been on the previous morning. In its rear the wind in our islands shifted to NW or N generally, but at the close of the period it was again beginning to back in the west.

Temperature over England rose to between 72° and 75° on the 8th, but after this it seldom reached 70° in any part of the Kingdom, and on most days the maximum readings were below 65° generally.

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

DAILY WEATHER REPORT

for Tuesday 17th AUGUST 1886.

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 8 p.m. 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 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	29.94	55	Z	0	b	29.96	- .02	59	57	0	Z	0	bc	0	68	52	-	
Hernösand	29.96	54	Z	0	b	29.95	- .02	61	59	+ 2	Z	0	o	0	72	52	-	
Stockholm	29.95	61	SW	2	b	29.93	- .06	63	60	+ 3	Z	0	bc	0	68	52	-	
Wisby	29.90	57	NW	2	b	29.87	- .03	61	58	0	NNW	4	bc	0	64	54	-	
Bodö	29.78	62	E	2	b	29.77	- .12	66	60	+ 11	E	2	o	1	68	54	-	
Christiansund	29.67	59	ENE	1	c	29.78	+ .06	57	55	+ 1	WSW	1	o	0	63	54	0.04	
Skudesnaes	29.74	57	SSE	8	r	29.80	+ .06	58	55	- 1	SSE	2	o	4	59	?	0.71	
Færder	29.90	60	S	4	m	29.88	- .05	59	57	0	SSE	2	m	2	61	59	-	
Skagen (The Skaw)	29.89	59	SSE	1	c	29.84	- .13	60	58	+ 3	S	1	c	1	63	57	-	
Fanø	29.84	60	SSE	4	o	29.80	- .18	63	60	+ 2	S	1	c	0	66	59	0.04	
Cuxhaven	29.96	67	SSE	1	o	29.90	- .15	62	62	+ 6	SW	1	f	0	68	?	0.04	
Sumburgh Head	29.48	55	SW	1	b	29.76	+ .35	52	52	- 1	NW	2	f	2	58	50	0.01	
Stornoway	29.54	58	NW	4	c	29.96	+ .64	52	50	- 3	NNW	3	cg	2	62	48	0.18	
Wick	29.50	58	NW	1	o	29.88	+ .51	51	52	- 9	NW	3	d	3	68	50	0.06	
Nairn	29.49	61	WSW	2	c	29.89	+ .59	53	52	- 6	NW	3	o	3	67	53	0.18	
Aberdeen	29.52	62	SSW	4	b	29.84	+ .38	58	55	+ 1	NNW	4	cp	2	68	54	-	
Leith	29.57	61	W	3	c	29.87	+ .37	59	55	+ 1	W	1	c	0	64	53	-	
Shields	29.65	62	SW	3	cp	29.83	+ .32	57	55	- 4	NW	2	o	2	65	54	0.33	
Spurn Head	29.75	62	WSW	5	bc	29.81	+ .06	57	57	- 5	NW	5	cmf	2	67	55	0.02	
York	29.72	60	SW	3	b	29.86	+ .15	56	55	- 4	NW	2	r	0	66	54	0.13	
Loughborough	29.80	62	W	3	c	29.90	+ .11	59	57	- 2	NNW	4	c	0	68	54	0.05	
Ardrossan	29.60	57	NNW	3	op	29.93	+ .41	56	54	+ 1	NNW	6	b	4	58	53	0.04	
Malin Head	29.70	55	NW	6	opq	29.95	+ .60	55	55	0	NW	5	o	5	59	53	0.04	
Mullaghmore	29.82	56	NNW	8	opq	30.11	+ .53	55	52	- 1	NW	6	omg	6	60	55	0.05	
Belmullet	29.91	56	NW	7	o	30.17	+ .58	55	53	- 1	NW	4	om	0	58	53	0.06	
Donaghadee	29.69	60	NW	5	bc	30.02	+ .41	54	53	- 3	NW	5	bc	3	64	52	0.08	
Barrow-in-Furness	29.69	58	SW	6	c	29.90	+ .23	56	54	- 1	NW	5	o	0	60	55	0.08	
Liverpool (Bidston)	29.75	58	WSW	6	c	29.94	+ .20	56	53	- 2	NNW	6	c	5	63	55	0.16	
Holyhead	29.77	57	W	4	cp	30.02	+ .29	54	52	- 3	NW	6	cg	5	60	54	0.07	
Parsonstown	29.91	55	NNW	1	o	30.46	+ .42	54	52	- 2	NNW	1	c	0	59	52	0.01	
Valencia	30.09	59	NNW	5	bcg	30.27	+ .38	57	56	- 1	NNW	4	omg	4	63	53	0.02	
Roche's Point	30.00	57	NNW	6	c	30.17	+ .32	57	54	0	N	4	c	4	60	52	0.05	
Pembroke	29.90	58	NNW	6	c	30.09	+ .24	56	53	- 2	NW	4	o	4	60	55	-	
Scilly	30.02	59	NNW	7	c	30.16	+ .19	58	54	- 2	NW	6	c	6	61	55	0.02	
Prawle Point	29.98	60	W	4	bc	30.09	+ .14	58	55	0	NNW	3	c	5	63	53	-	
Hurst Castle	29.93	62	W	6	bc	29.97	+ .04	59	56	- 3	NNW	5	bc	4	66	53	0.02	
Dungeness	29.88	62	W	6	bc	29.94	0	59	58	- 1	NW	3	c	3	66	54	-	
London	29.86	64	W	3	bc	29.94	+ .07	58	55	- 4	NNW	3	c	0	71	52	0.02	
Oxford	29.88	58	SW	3	c	29.95	+ .09	59	55	- 1	NNW	4	cg	0	67	53	-	
Cambridge	29.84	59	SW	1	c	29.89	+ .06	59	56	- 4	NW	2	o	0	74	51	0.02	
Yarmouth	29.80	63	W	2	b	29.83	- .03	58	56	- 3	W	3	c	2	69	53	0.02	
The Helder	29.84	61	SW	3	c	29.84	- .10	61	58	+ 1	WSW	1	c	2	65	57	0.04	
Cape Gris Nez	29.88	60	W	8	b	29.91	?	57	55	?	NNW	7	b	5	64	57	-	
Jersey	30.03	60	W	5	bcpm	30.07	+ .06	59	55	- 2	NW	4	cm	5	64	55	0.01	
Brest	30.12	61	NW	4	b	30.17	+ .11	57	55	- 3	NNW	5	o	4	66	52	-	
Lorient	30.14	62	NW	5	bc	30.16	+ .08	58	55	- 3	NW	5	o	4	66	52	-	
Rochefort	30.16	67	NNW	7	bc	30.19	- .01	60	55	- 4	N	4	o	2	75	55	-	
Biarritz	30.12	69	W	4	bc	30.19	0	66	59	+ 2	NNW	5	bc	2	73	63	0.16	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.93	- .06	57	55	- 7	SW	4	o	0	69	54	0.12	
Belfort	29.15	65	W	1	c	?	?	59	57	- 3	W	3	r	0	79	46	0.04	
Paris	30.02	58	NW	1	r	30.04	- .04	54	53	- 7	W	1	o	0	79	?	0.12	
Lyons	30.01	73	NNE	1	bc	30.02	- .11	59	56	- 4	NNW	4	r	0	78	58	-	
Nice	30.03	77	Z	0	m	29.91	- .08	72	63	- 1	E	1	bc	1	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).

WEATHER CHARTS

for 8 a.m. on Tuesday, 17th August, 1886.

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.

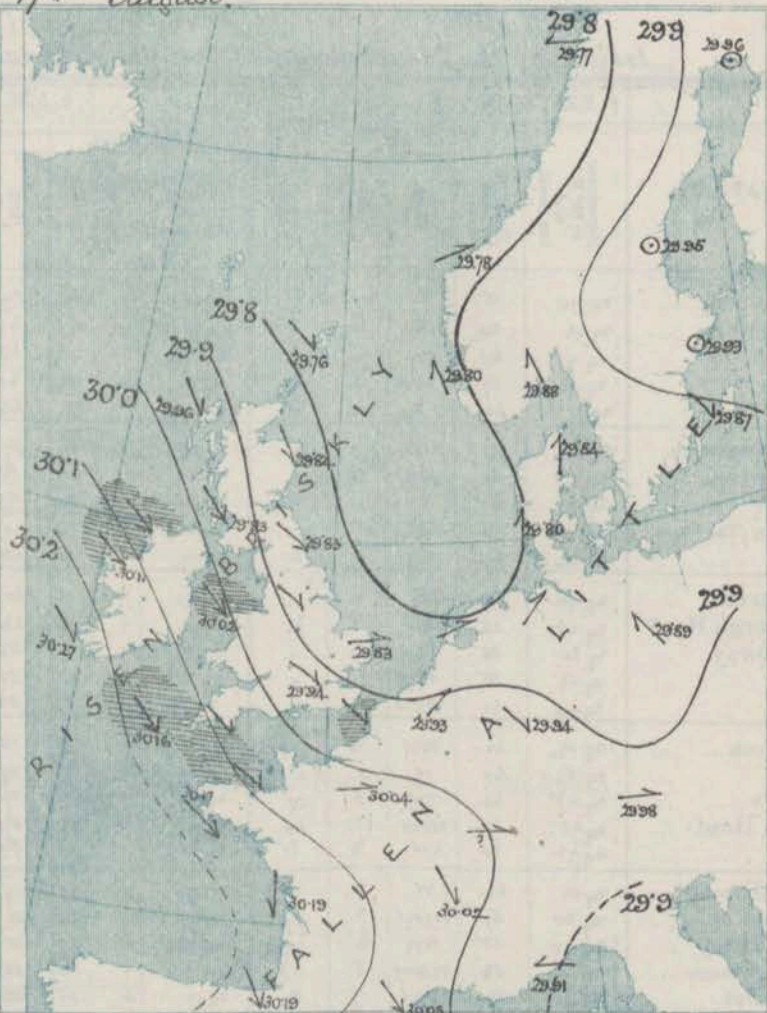
Sea Disturbance—where considerable, is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

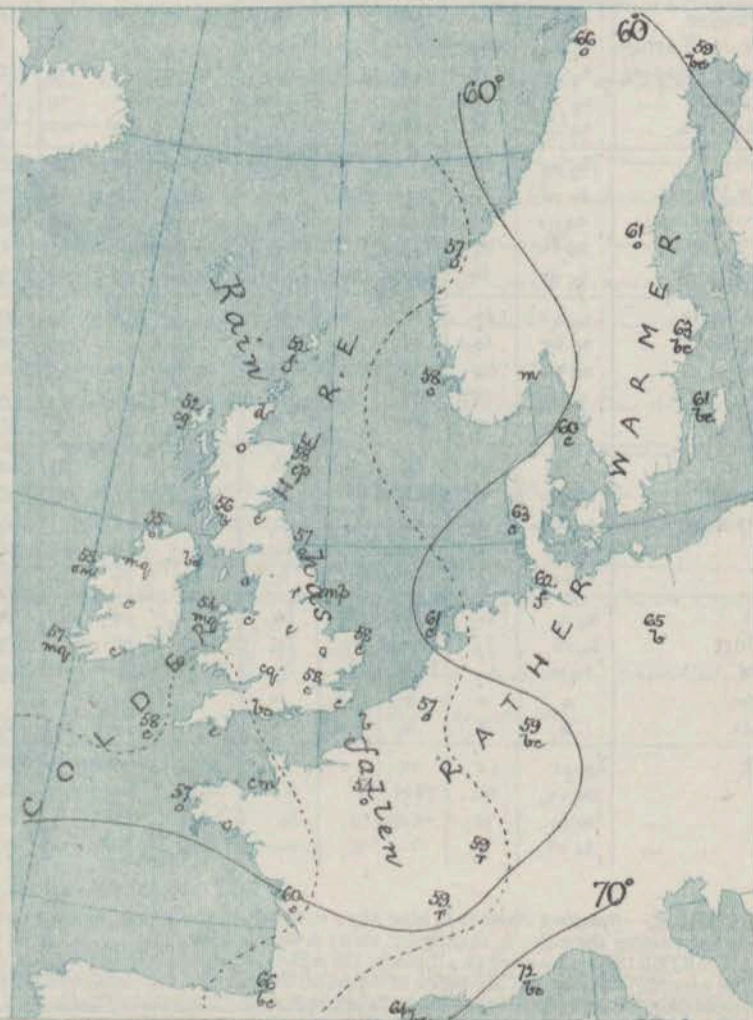
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August.

STATIONS.	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 10 years 1866—85.



for

The depression which lay over the north of Scotland yesterday has apparently travelled in an east-south-easterly direction to the North Sea, and the barometer has consequently risen briskly in the west and north of our islands, while it has fallen in Denmark, Germany and the south of Scandinavia. The wind is light from the S^W or SE^W on the eastern shores of the North Sea, but over the United Kingdom and France it has veered to to the NW^W, and on our north-west coasts it still blows strongly. The weather varies greatly in different localities, but is upon the whole cloudy and unsettled, with drizzling rain at Wick and passing showers at Aberdeen and Spurn Head. In the course of the past twenty-four hours rain has fallen in most parts of the Kingdom. Temperature has risen a little in Sweden, Denmark and Germany, but fallen elsewhere; readings over our islands now range from 59° at Jersey, Bruges, and over central England to 51° at Wick. The sea is rough or rather so on our west and southwest coasts, but moderate to smooth elsewhere.

There is at present no sign of the advance of any fresh disturbances from the westward, and fair weather seems likely to continue over our islands for a time.

for the 24 hours ending at NOON on 18th August 1886.
(Issued at 11 a.m. on the previous day.)

Frederic Dannenfeldt, Lab. London, 1932.

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

TUESDAYS & P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.72	59	57	SSE	8	r	5	Holyhead	29.74	58	55	SH	4	og	4
Sumburgh Head	29.42	57	56	SSE	4	bc	4	Valencia	30.01	59	57	WNW	5	ogmg	5
Stornoway	29.40	62	60	WNW	4	cp	3	Scilly	30.02	60	56	WNW	6	c	6
Aberdeen	29.49	65	58	WST	5	b	2	Dungeness	29.88	66	64	WST	6	c	5
Shields	29.64	65	56	SW	4	cp	3	London	29.86	70	58	W	4	c	*
Ardrossan	29.57	56	56	SSW	5	o	4	Yarmouth	29.80	68	60	WST	4	bc	4
Malin Head	29.60	57	56	W	4	o	6	Jersey	30.03	63	58	WNW	5	b	4
Mullaghmore	29.69	60	57	WNW	7	ompg	6	Rochefort	30.18	70	64	W	4	o	0
Belmullet	29.78	56	54	WNW	7	o	*								

REMARKS.

The barometer is now rising at all but our southeastern stations, and the wind has veered slightly on our extreme western coast. The weather is fair in most places, but showers are falling at Stornoway, Shields, and Mullaghmore. The sea is rough or rather so on many parts of our western and southern coasts.

CONTINENTAL INFORMATION.

The Continental reports for Sunday showed that pressure was (relatively) high over the whole of Western, Central, Southern, and Eastern Europe, but highest of all (30.1 in: +) over France and the Bay of Biscay, while it was low in the north-west and north. Over Scandinavia there was a shallow "hollow" moving eastwards, and a new disturbance was approaching the British Isles from the westward. S^W winds had again set in over the United Kingdom, and were blowing strongly in the western districts, but over the Continent the wind varied greatly. The weather was cloudy (except over South-eastern Europe) and showers were reported in many localities. Temperature had risen over the more southern and western countries, fallen elsewhere, and was low over Western Europe generally, but especially so (for the time of year) over France; the 8 am readings varied from between 68° and 75° on the northern shores of the Mediterranean and Adriatic to between 50° and 53° over Northern Europe. The highest individual readings were 83° at Biskra, 77° at Brindisi and Cagliari, and 75° at Trieste and Lissa, the lowest 50° at Christiansund, 52° at Archangel, and 53° at Stornoway.

During the day the depression in the west moved north-eastwards. Rain fell at times in many parts of Western Europe, and was heavy on our north-west coast, and the thermometer did not rise above 77° at any of French stations, nor above 72° in any part of our Islands.

Yesterday (Monday) morning reports showed that pressure was still (relatively) high over Western, Central, Southern, and Eastern Europe, but that a "ridge" had extended northwards over the Baltic and Finland. The depression in the north-west was moving NE^W and had spread over the British Isles and German Ocean, while the "hollow" noticed over Scandinavia ^{on Sunday} had filled up entirely. S^W to W^W breezes were consequently prevalent over the northern and western countries, with rather cloudy weather, and a continuance of occasional local showers, with a tendency towards a fall of the thermometer in the extreme west. Temperature was very low over Germany; it varied from between 68° and 75° on the more northern shores of the Mediterranean, to between 53° and 56° over the northern parts of the British Isles and on the southern shores of the White Sea, but were still lower at the German stations. The highest individual readings were 81° at Biskra (Algeria), 80° at Brindisi, 76° at Malta and Barcelona, and 73° at Nice and Sanguinaires, the lowest 53° at Stornoway, Ardrossan and Malin Head, and 53° at Sumburgh H^d and Archangel. At Caseril however, the 8 am reading was as low as 48°, while at Hamburg and Munster the thermometer stood at a little below 54°.

During the day the thermometer rose to 82° at Nice, 79° at Belfort, and 77° at Munich, but in the British Isles succeeded 70° over our South-eastern counties only - the highest being 74° at Cambridge.

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

for— *Wednesday* — 18th *August* 1886.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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

EXPLANATION OF COLUMNS:

* 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).

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

WEATHER CHARTS

for 8 a.m. on Wednesday, 18th August, 1886.

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 August.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.865
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



REMARKS.

for

Wednesday 18th August 1886 at 8 a.m.

The high-pressure area which lay off our south-western coasts yesterday, has advanced slowly to the eastward, and its central area now covers the southern parts of the British Islands, the west of France and the Bay of Biscay. The readings are slightly higher than 30.2 ins in this region, but decrease, in a northerly direction to 29.9 ins at Rods, and in an easterly direction to about 30.0 ins over Germany. A very small shallow disturbance has appeared over the Irish Sea. The wind is still N^{ly} over the North Sea, the east and south of England and in France, and calm or nearly so in the south-west, but has backed to the South-westward on our north-western coasts. In force it is light to moderate, except in the south-west of France, where the N^{ly} breeze is rather strong. Temperature is low throughout the British Islands, the readings varying from 52° at Lumburg Head, to 59° on our extreme south-western coasts. At Biarritz, Paris, Copenhagen and several of the Swedish stations, however, it exceeds 60°. Rain set in over the south of Ireland yesterday evening, and a heavy thunderstorm occurred over Cambridge and Norfolk. Thunder was heard at Nice also. The sky is now rather cloudy generally, rain is falling at several of our north-western and western stations, and fog prevails at Lillie. The sea is very little disturbed; in most places it is smooth.

The changes in progress are slight and somewhat irregular; those in the north point to some freshening of the SW^{ly} wind in the north, but those in the south are at present less decided.

FORECASTS

for the 24 hours ending at NOON on 19th August 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^{ly} and SW ^{ly} breezes, light; fair to showery.	6 { SCOTLAND WEST	W ^{ly} or SW ^{ly} breezes, light; dull and rainy, then finer.
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N.W.	----- D° ----- D° -----
2 { ENGLAND N.E.	Same as N° 5.	8 { ENGLAND S.W.	Variable airs; foggy, with rain in places, finer later.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	Same as N° 6.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	Calm and SW ^{ly} or S ^{ly} breezes, fair generally.
5 { ENGLAND SOUTH	N ^{ly} airs or calms; fine and dry today, perhaps less settled 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	29.86	58	56	ESE	2	0	4	Holyhead	30.10	59	56	WNW	4	bcg	4
Sunburgh Head	29.92	53	49	NW	4	bc	3	Valencia	30.26	58	57	WSW	3	rm	3
Stornoway	30.02	58	54	W	3	cg	2	Scilly	30.26	61	56	NNW	5	c	6
Aberdeen	29.96	61	55	NNW	4	bc	2	Dungeness	29.94	64	64	NW	4	c	3.
Shields	29.96	60	56	N	3	bc	2	London	29.98	64	57	NW	5	og	*
Ardrossan	30.02	60	58	WNW	4	b	3	Yarmouth	29.90	61	58	NNW	3	bc	3
Malin Head	30.09	58	55	WNW	3	b	4	Jersey	30.11	62	58	NW	4	c	4
Mullaghmore	30.14	58	55	W	5	on	4	Rocheport	30.21	67	59	WNW	7	c	2
Belmullet	30.14	56	55	SW	3	0	*								

REMARKS.

The barometer has begun to fall again in the west of Ireland and the wind there has backed to the SWnd with rain at Valencia. Elsewhere the barometer continues to rise with NW^{ly} winds and fair weather. The sea is rough at Lilly, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning's Continental Reports showed that pressure was highest (30.1+) over the west of Ireland, the Bay of Biscay and the north of Spain, whence a ridge extended eastwards across France and Germany to Western Russia and Poland. Over Northern Europe a second high pressure area appeared; and while a depression lay over Central Russia, another (shallow one) was found over the North Sea. The winds consequently varied greatly, but were chiefly fresh or strong from the NW^{ly} over the British Isles and France. In those countries also, the temperature was low, the sky cloudy, and showers occurred locally. Over Central and Eastern Europe the weather was finer and decidedly warmer. Temperature at 8 a.m. varied from between 7° and 73° on the northern shores of the Mediterranean and Adriatic and from between 60° and 68° over the Baltic and Western Russia to between 50° and 58° over the greater part of the British Isles and the northern half of France. The highest individual readings were 80° at Palma, 79° at Liakra and Oran (Algeria), 77° at Constantinople, 76° at Trieste, and 72° at Nice and Sanguinaire, and 63° even at Stockholm; the lowest 51° at Viek, 52° at Sunburgh Head and Stornoway, 54° at Malin Head, Parsonstown and Malin Head, 57° at Christiansund and 58° at Archangel.

During the day rain set in over the south of Ireland, showers fell in several localities, and a heavy thunderstorm occurred over Cambridge and Norfolk. The thermometer rose to 82° at Nice, to 75° at Rocheport, and to 70° or more at Hunsand and Stockholm, but did not exceed 66° at Paris and in London, or any of the British stations.

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

DAILY WEATHER REPORT

for *Thurs. day* — 19th August 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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.	Sca. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)				Max.	Min.	
Haparanda	29.92	60	W	2	r	29.95	-.01	57	52	- 6	W	2	0	bc	0	68	46	0.04
Hernösand	30.05	59	Z	0	b	30.05	+.04	61	56	+ 2	Z	0	0	c	0	75	52	—
Stockholm	30.02	63	Z	0	b	30.05	+.05	65	61	+ 2	W	2	0	b	0	75	54	—
Wisby	29.99	61	N	4	b	30.01	+.08	64	61	+ 3	NNW	2	0	b	0	70	52	—
Bodö	29.97	52	WSW	6	o	29.89	.00	54	52	+ 1	SE	1	0	1	1	58	50	—
Christiansund	30.05	53	SE	1	o	29.99	-.06	52	52	+ 1	SSH	2	0	2	2	54	48	0.08
† Skudesnaes	30.13	53	WNW	2	b	30.13	+.05	57	54	+ 1	SSE	2	0	3	3	63	54	—
Færder	30.06	61	SW	4	b	30.07	+.04	58	57	- 3	NNW	2	0	1	1	64	57	—
Skagen (The Skov)	30.10	56	NNW	1	b	30.13	+.09	59	57	- 1	WNW	3	0	2	2	66	52	—
Fanö	30.15	55	NNW	4	b	30.18	+.10	55	55	- 3	NE	2	m	0	0	64	54	—
Cuxhaven	30.16	61	N	2	bc	30.15	+.10	62	60	- 1	NNE	3	r	0	0	71	57	0.04
† Sumburgh Head	29.98	62	S	4	r	30.08	+.03	53	51	+ 2	NW	3	0	4	4	56	49	0.14
† Stornoway	29.99	59	SW	4	op	30.17	+.17	54	52	0	WSW	3	0	2	2	61	46	0.03
Wick	29.97	56	S	1	o	30.19	+.13	56	54	+ 3	NW	2	0	1	1	60	52	0.02
Nairn	30.00	65	W	2	bc	30.18	+.10	56	54	+ 3	Z	0	0	1	1	71	53	0.01
† Aberdeen	30.05	57	SSH	1	c	30.16	+.03	57	54	- 1	N	3	0	2	2	61	54	0.02
Leith	30.10	61	W	1	m	30.15	+.01	61	58	+ 3	WNW	1	om	0	0	63	56	0.01
† Shields	30.14	59	WSW	1	op	30.14	-.05	61	60	+ 9	NW	1	c	2	2	61	51	0.74
Spurn Head	30.19	57	SE	3	c	30.13	-.05	57	57	+ 2	SW	3	cm	2	2	59	54	0.42
York	30.19	59	WNW	1	r	30.14	-.06	59	58	+ 5	S	1	r	0	0	65	53	0.67
Loughborough	30.21	61	WNW	1	o	30.15	-.06	61	61	+ 3	W	2	ogm	0	0	69	57	0.07
† Ardrossan	30.12	57	SW	2	om	30.18	+.02	58	57	+ 3	W	3	0	2	2	58	52	0.01
Malin Head	30.12	58	WSW	3	o	30.22	+.15	55	53	- 3	N	3	c	3	3	62	54	0.03
† Mullaghmore	30.18	60	WSW	3	om	30.25	+.09	56	55	- 2	NW	2	om	2	2	61	55	0.10
† Belmullet	30.20	59	W	4	og	30.25	+.07	57	56	- 1	NE	1	og	0	0	61	55	0.02
Donaghadee	30.15	65	SW	1	o	30.22	+.05	55	55	0	NE	3	0	1	1	67	54	0.02
Barrow-in-Furness	30.17	59	SSH	3	o	30.15	-.01	59	58	+ 4	NW	2	c	0	0	61	55	0.05
Liverpool (Bidston)	30.19	60	Z	0	o	30.19	-.01	59	58	0	WNW	3	0	3	3	64	58	0.10
† Holyhead	30.19	58	SSH	3	m	30.12	-.04	61	60	+ 5	WNW	2	bc	2	2	62	56	0.05
Parsonstown	30.23	64	WSW	1	o	30.26	+.05	60	59	+ 1	SW	1	0	0	0	67	58	0.03
† Valencia	30.29	60	W	3	om	30.31	+.03	60	60	+ 1	WSW	2	of	1	1	62	58	0.07
Roche's Point	30.24	66	NW	1	c	30.27	+.05	59	56	0	WSW	1	bc	2	2	69	55	—
Pembroke	30.24	59	WNW	1	o	30.25	+.04	60	59	+ 3	WNW	2	0	1	1	61	57	0.05
† Scilly	30.25	60	WNW	2	f	30.30	+.08	59	59	0	NW	4	f	4	4	65	57	0.01
Prawle Point	30.27	59	WSW	1	c	30.26	+.02	61	61	+ 2	NW	2	m	1	1	64	56	—
Hurst Castle	30.25	61	WNW	2	c	30.22	.00	62	61	+ 5	WNW	2	0	1	1	66	54	0.01
† Dungeness	30.19	60	WSW	2	o	30.17	+.04	59	58	+ 1	WNW	3	0	1	1	66	53	—
† London	30.23	62	NNW	1	og	30.18	-.02	59	58	+ 1	W	1	r	0	0	66	54	0.01
Oxford	30.18	59	NW	1	c	30.18	-.04	61	60	+ 5	W	3	0	0	0	64	56	0.02
Cambridge	30.22	62	Z	0	o	30.17	-.05	56	56	+ 1	E	1	r	0	0	66	53	0.28
† Yarmouth	30.21	58	Z	0	bcv	30.17	+.02	57	56	0	Z	0	r	2	2	63	54	0.27
The Helder	30.17	59	NNW	1	b	30.16	-.02	59	55	- 2	NNW	1	0	1	1	64	57	—
Cape Gris Nez	30.20	58	NE	3	o	30.17	+.06	60	59	+ 1	W	1	0	1	1	66	57	—
† Jersey	30.26	59	NNW	3	om	30.17	+.06	60	60	+ 2	W	3	omd	3	3	65	54	—
Brest	30.28	60	N	3	o	30.23	+.10	59	58	+ 4	WNW	1	m	3	3	63	55	—
Lorient	30.26	65	NNE	4	b	30.34	+.09	55	55	- 1	ENE	1	0	1	1	72	48	—
† Rochefort	30.19	69	N	5	b	30.28	+.06	59	57	0	NE	5	0	2	2	73	52	—
Biarritz	30.23	65	N	5	b	30.30	+.13	60	58	- 5	ENE	3	0	1	1	70	57	—
Corutina	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	30.20	+.09	58	56	+ 2	NW	3	0	0	0	68	56	—
Belfort	30.15	58	W	2	r	30.21	?	59	57	+ 4	W	1	0	0	0	59	46	0.08
Paris	30.18	63	N	3	o	30.26	+.13	55	53	- 7	N	1	0	0	0	67	50	—
Lyons	30.06	57	NNW	5	o	30.14	+.13	58	57	+ 3	NNW	5	0	0	0	59	55	0.04
Nice	29.83	65	NE	1	o	29.94	+.18	65	58	- 4	E	1	0	3	3	73	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).

Printed by Dangerfield & Co. London

WEATHER CHARTS

for 8 a.m. on Thursday, 19th August, 1886.

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—

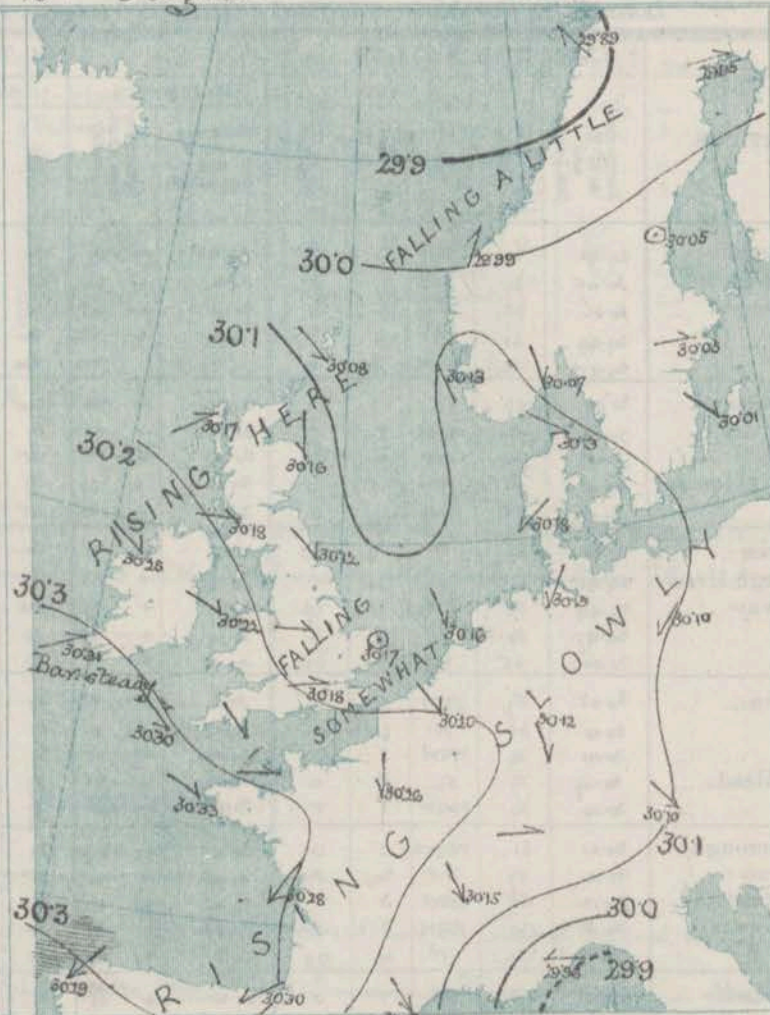
→ = forces above 10, → = forces 8 to 10,
→ = forces 5 to 7, → = forces 1 to 4,
○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.946
LONDON	29.943
Oxford	29.929
Cambridge	29.920
Yarmouth	29.928



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 IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	Average Dry.	Average Wet.	
Sumburgh Head.	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.8	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	58.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	0.59
Pembroke	64.4	56.4	59.4	57.1	2.01
Scilly	65.4	57.8	61.5	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.0	52.8	60.7	57.0	2.25
Yarmouth	66.0	55.7	61.4	58.5	2.17

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



REMARKS.

for

Thursday 19th August 1886 at 8 a.m.

An anticyclone with readings above 30.5 ins is lying over the Bay of Biscay, while the lowest pressures (29.9 ins and below) are found in the north of Norway, but a shallow depression is reported over the North Sea and another very slight disturbance is apparently forming over the south-east of England. Light breezes from between W and NW prevail over the greater part of our islands, but in France the wind draws into N and NE, while in Norway it is S^{ly} or SE^{ly}. The weather is fine at most of the Continental stations, but cloudy in our islands, with rain in the east and south-east of England. In the course of the past twenty-four hours rain has fallen generally, the largest amount being 0.7 in at Shields and York. Temperature has fallen a little in Denmark and the north of Ireland, but risen in most other localities; readings over our islands now range from 62° at Hurst Castle to 53° in the Shetlands. The sea is moderate at Lumburgh Head and Lally, but slight or smooth elsewhere.

The depressions over the North Sea and our south-east coasts will probably move away eastwards, but conditions are still very unsettled and further disturbances may possibly appear in the west shortly.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that:—
On the 15th lat: in lat: 42° N, Long: 60° W the barometer at 6 am fell to 29.6 ins during a moderate gale in which the wind shifted from SW to NW.
- - - - - 44° N - 54° W - - - 4 pm - - - strong gale - - - - -

FORECASTS

For the 24 hours ending at NOON on 20th August 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NW ^{ly} winds, light or moderate; fair generally.	6 { SCOTLAND WEST	W ^{ly} to SW ^{ly} winds, light; cloudy generally.
1 { SCOTLAND EAST	.....D.....D.....D.....	7 { ENGLAND N.W.	NW ^{ly} to SW ^{ly} winds, moderate; fair to unsettled and some rain.
2 { ENGLAND N.E.	SW ^{ly} to NW ^{ly} winds, light; some rain at first, then fair.	8 { ENGLAND S.W.	.....D.....D.....D.....
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	Wind backing to SW or S; cloudy some rain.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	.....D.....D.....D.....
5 { ENGLAND SOUTH	W ^{ly} and NW ^{ly} winds, light; cloudy at first, with local rains, then fair.	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	63	56	NW	2	b	3	Holyhead	30.20	59	58	SSW	3	m	2
Sumburgh Head	30.08	53	58	S	4	o	4	Valencia	30.30	62	62	WSW	2	om	3
Stornoway	29.99	60	58	SSW	6	om	5	Scilly	30.26	62	61	SW	1	f	4
Aberdeen	30.09	59	55	S	4	c	1	Dungeness	30.18	64	?	ENE	2	bc	2
Shields	30.17	56	54	SSW	2	r	2	London	30.22	65	57	WNW	2	c	*
Ardrossan	30.15	57	57	Z	0	o	0	Yarmouth	30.20	62	57	NNE	4	bv	3
Malin Head	30.11	60	60	WSW	3	o	4	Jersey	30.25	64	59	NNW	2	c	2
Mullaghmore	30.18	60	59	WSW	3	od	2	Rochefort	30.20	70	62	N	5	c	2
Belmullet	30.40	61	60	WSW	2	og	*								

REMARKS.

The barometer is falling a little in the north and East of Scotland, but rising elsewhere. No important change has occurred in the winds. Rain is falling at Shields and Mullaghmore, and dull weather is reported on our extreme east and north-west coasts, but elsewhere conditions are at present fair. The sea is rather rough at Stornoway, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning's Continental Reports showed that an anticyclone lay over Western Europe and the Bay of Biscay, and that over nearly the whole of the northern countries there was a ridge of irregular form. Small shallow depressions lay over the Gulf of Genoa and the Irish Sea, and a large but very shallow area of low pressure over Central Russia. The winds reported were chiefly N² (NW to NE) and were of little strength, but a local deviation to the SW^{west} was produced on our north-western and northern coasts by the depression in that region, while the disturbance near Nice produced a "mistral" of great strength on the south coast of France. Temperature remained very low over the British Isles and France, and fell somewhat in other places. The 8 a.m. readings varied from between 68° and 72° on the northern shores of the Mediterranean and Black Sea, and from between 60° and 64° over the Baltic, to between 54° and 59° over the greater part of France and the British Isles. The highest readings were 77° at Brindisi, 76° at Malta and San Remo, 75° at Palma, and 63° at some of the Swedish stations, the lowest 56° at Archangel, 53° at Ardrossan, Nain and Nisk and 52° at Sumburgh Head.

During the day the thermometer rose to 75° at Belfort, and 73° at Nice and Rochefort, but did not rise above 66° over the south coast of England, though it reached 71° at Nain, 69° at Loughborough and Roker's Point.

DAILY WEATHER REPORT

for Friday - 20th August 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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.				
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.88	60	W	2	c	29.84	- .11	57	51	0	N	4	b	•	•	66	48	-	
Hernösand	30.01	61	NW	4	o	30.05	+.00	58	50	- 3	N	2	bc	•	•	75	54	-	
Stockholm	30.04	60	Z	0	b	30.04	- .01	60	57	- 5	N	2	c	•	•	75	55	-	
Wisby	30.08	64	N	2	bc	30.08	+ .04	61	56	- 3	W	4	bc	•	•	73	59	-	
Bodö	29.85	51	SW	6	o	29.87	- .08	51	49	- 3	ESE	5	o	3	3	55	48	0.16	
Christiansund	30.10	52	WSW	3	o	29.84	- .15	55	51	+ 1	ESE	1	o	3	3	55	48	-	
† Skudesnaes	30.19	57	SSH	2	r	30.17	+ .04	56	52	- 1	S	2	c	3	3	59	?	-	
Færder	30.05	62	WSW	6	b	30.09	+ .02	62	58	+ 4	WSW	2	b	2	2	64	?	-	
Skagen (The Skaw)	30.18	56	WNW	5	b	30.17	+ .04	60	57	+ 1	WNW	4	c	2	2	63	55	-	
Fanö	30.25	52	NN	1	b	30.28	+ .10	62	57	+ 7	N	1	b	•	•	63	50	-	
Cuxhaven	30.22	63	N	2	b	30.29	+ .14	62	62	0	NE	2	b	•	•	63	59	-	
† Sumburgh Head	30.15	53	WSW	2	c	29.88	- .20	55	52	+ 2	SW	4	b	4	4	58	50	-	
† Stornoway	30.13	56	S	5	c	29.91	- .26	57	56	+ 3	SSW	7	bc	6	6	62	52	-	
Wick	30.15	56	S	3	o	29.92	- .27	63	60	+ 7	S	3	b	1	1	63	52	-	
Nairn	30.15	63	E	1	b	29.99	- .19	65	60	+ 9	SW	3	b	2	2	66	56	-	
† Aberdeen	30.23	56	S	3	c	30.06	- .10	65	59	+ 8	SSW	4	b	1	1	65	52	-	
Leith	30.23	59	SE	1	b	30.16	+ .01	63	59	+ 2	SW	2	b	•	•	63	49	0.01	
† Shields	30.24	56	N	2	o	30.23	+ .11	60	57	- 1	SSW	1	c	2	2	62	52	-	
Spurn Head	30.24	60	E	1	b	30.31	+ .18	55	55	- 2	ESE	1	f	2	2	62	52	-	
York	30.22	61	WNW	1	mv	30.30	+ .16	52	52	- 7	SSE	1	f	•	•	63	50	0.03	
Loughborough	30.22	60	E	1	o	30.31	+ .16	54	54	- 7	SE	1	af	•	•	67	53	0.04	
† Ardrossan	30.23	60	Z	0	b	30.18	0.00	58	58	0	S	4	o	3	3	64	51	-	
Malin Head	30.22	57	Z	0	b	30.16	- .07	59	56	+ 4	SSW	3	o	3	3	60	55	-	
† Mullaghmore	30.25	61	Z	0	o	30.23	- .02	59	58	+ 3	SW	4	cm	2	2	64	56	-	
Belmullet	30.28	59	WSW	2	o	30.22	- .06	59	58	+ 2	WSW	5	o	•	•	65	57	0.02	
Donaghadee	30.27	56	ENE	2	bc	30.23	+ .01	61	60	+ 6	WSW	2	o	0	0	62	49	-	
Barrow-in-Furness	30.22	61	SW	2	c	30.26	+ .11	59	58	0	NE	2	c	•	•	62	58	-	
Liverpool (Bidston)	30.26	59	WNW	2	bc	30.28	+ .09	61	58	+ 2	SSE	1	cm	1	1	63	55	-	
† Holyhead	30.27	57	NW	1	b	30.27	+ .05	57	57	- 4	S	1	bw	2	2	64	50	-	
Parsonstown	30.28	67	WNW	1	c	30.28	+ .02	61	60	+ 1	Z	0	o	•	•	68	58	0.04	
Valencia	30.33	61	NW	2	of	30.32	+ .01	59	59	- 1	Z	0	og	1	1	65	58	0.02	
Roche's Point	30.28	65	NW	2	bc	30.25	- .02	62	62	+ 3	N	1	m	3	3	70	59	-	
Pembroke	30.27	60	NW	2	f	30.28	+ .03	56	55	- 4	ENE	1	mv	1	1	61	52	-	
† Scilly	30.28	60	W	4	f	30.25	+ .05	58	58	- 1	NE	2	f	4	4	61	57	0.01	
Prawle Point	30.23	65	NW	2	c	30.28	+ .02	59	57	- 2	ENE	2	og	2	2	70	55	-	
Hurst Castle	30.17	70	NW	3	bc	30.27	+ .05	61	58	- 1	ENE	2	m	1	1	76	54	-	
† Dungeness	30.24	59	W	3	r	30.25	+ .08	63	59	+ 4	NE	4	bc	2	2	64	52	0.21	
London	30.21	59	N	1	og	30.29	+ .11	57	55	- 2	E	1	fw	•	•	65	51	0.06	
Oxford	30.24	59	NE	2	o	30.31	+ .13	57	55	- 4	NE	2	bc	•	•	70	54	0.02	
Cambridge	30.23	58	Z	0	o	30.31	+ .14	53	52	- 3	Z	0	o	•	•	64	46	0.07	
† Yarmouth	30.21	60	ENE	3	b	30.29	+ .12	61	59	+ 4	ENE	3	bc	3	3	63	56	-	
The Helder	30.21	61	NE	3	o	30.26	+ .10	62	60	+ 3	? NNE	3	bc	3	3	64	59	-	
Cape Gris Nez	30.15	59	E	4	o	30.22	+ .05	56	55	- 4	NE	3	b	2	2	63	52	0.32	
† Jersey	30.22	61	NW	4	cm	30.30	- .07	61	57	+ 1	NE	4	bm	3	3	64	56	0.02	
Brest	30.32	59	NW	4	m	30.21	- .12	59	59	0	NE	4	m	3	3	64	55	-	
Lorient	30.27	64	WNW	4	c	30.19	- .15	62	56	+ 7	N	4	c	2	2	70	50	-	
† Rochefort	30.25	67	NW	7	o	30.13	- .15	65	64	+ 6	WNW	5	o	2	2	70	58	0.08	
Biarritz	30.26	68	N	7	c	30.17	- .13	66	65	+ 6	NW	3	o	2	2	70	?	-	
Corunna	*	*	*	*	*	30.24	+ .04	57	56	- 1	NE	3	o	•	•	61	50	0.01	
Brussels	*	*	*	*	*	30.24	+ .04	57	56	- 1	NE	3	o	•	•	61	50	0.01	
Belfort	?	61	W	1	c	?	?	61	59	+ 2	SE	3	c	•	•	63	48	0.08	
Paris	30.17	60	Z	0	r	30.17	- .09	60	59	+ 5	ENE	3	bc	•	•	69	?	0.59	
Lyons	30.18	59	N	1	o	30.11	- .04	59	54	+ 1	NNE	1	o	•	•	61	55	-	
Nice	29.93	71	SW	3	b	29.96	+ .02	65	59	+ 3	E	1	b	0	0	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).

WEATHER CHARTS

for 8 a.m. on

Friday, 20th August.

1886.

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.

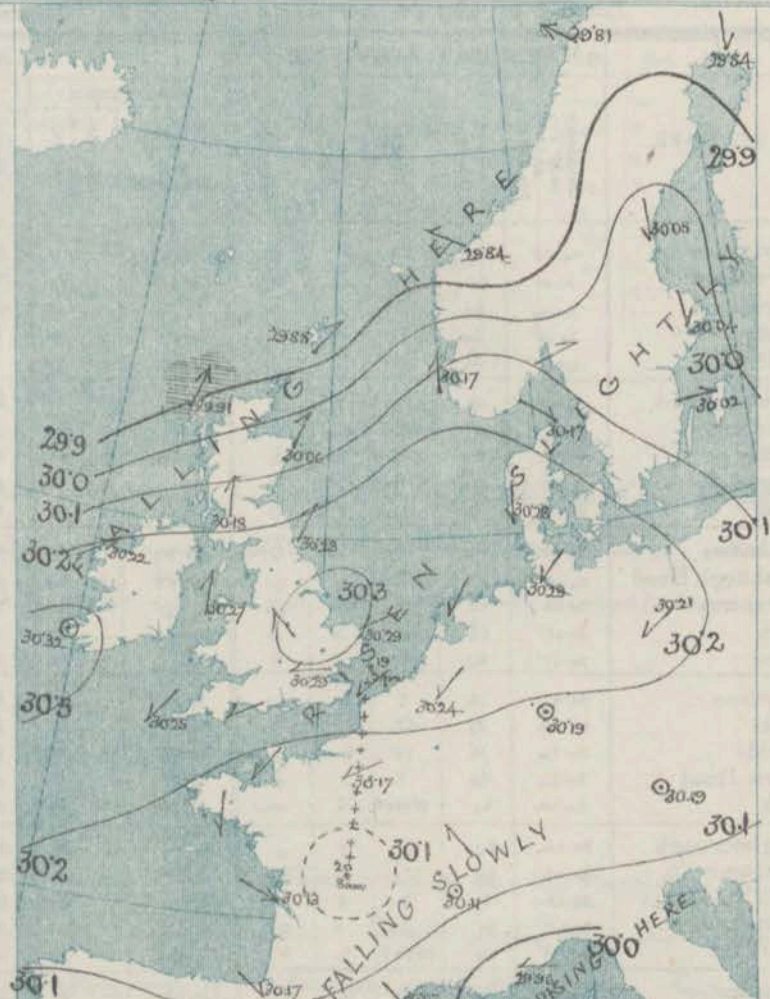
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

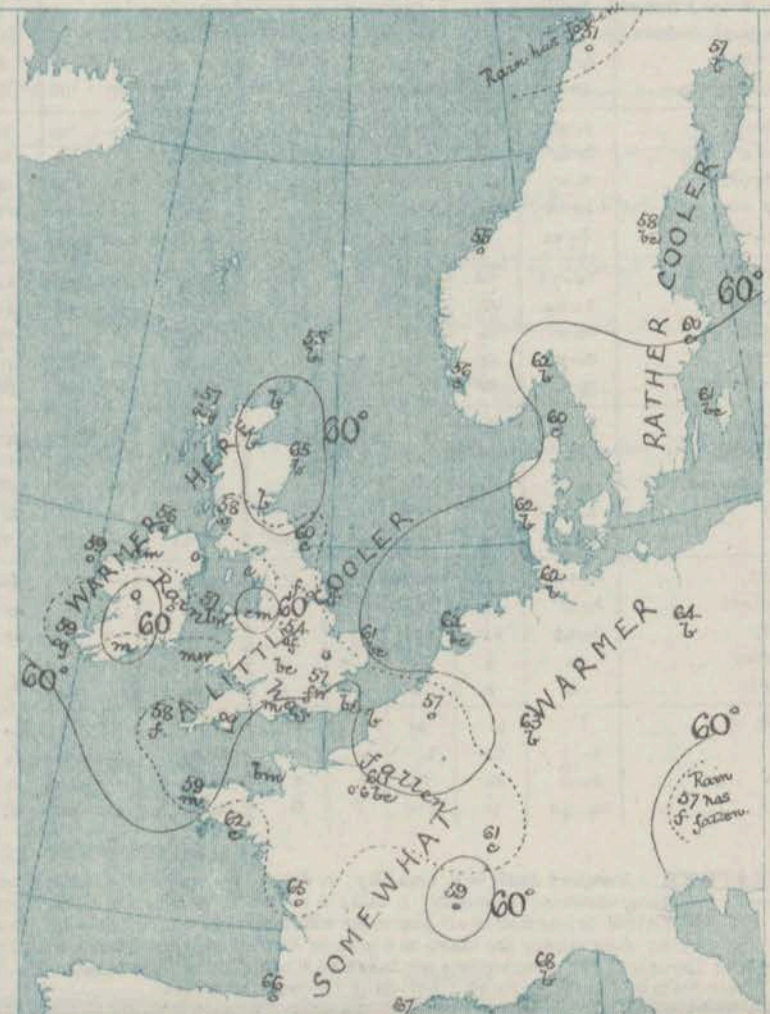
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL. (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	65.3	52.2	58.1	55.2	2.02
Shields	68.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.05
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.2	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



REMARKS.

for

Friday 20th August 1886 at 8 a.m.

The small depression which was reported to be forming over the south-east of England yesterday, has apparently moved away in a southerly direction, and a large anticyclonic band now lies over Ireland, England, the Netherlands and the southern part of the North Sea. In the course of the night, however, a new and more important disturbance has appeared off the north-west of Scotland, and the barometer is consequently falling on our north and north-west coasts. The wind is moderate to strong from the SW^{ly} in Scotland and the north of Ireland, but on our southern coasts it is light from the NE^{ly}, while in the west of France it draws into NW. Drizzling rain is falling at Stornoway, and fog prevails in the north of England, as well as at Lillie, but elsewhere the weather, though dull locally, is mostly fine. Slight rain fell yesterday in many parts of Ireland and England. Temperature has fallen a little at the English stations, and also in Sweden, but risen elsewhere; readings over our islands now range from 65° at Kairn and Aberdeen, 63° at Dungeness and 62° at Roche's Point to 52° at York. The sea is rough at Stornoway, but moderate to smooth elsewhere.

The depression in the north-west will probably move away in a north-easterly direction, and fair weather seems likely to continue over England for a time. Conditions are, however, not yet settled.

FORECASTS

for the 24 hours ending at NOON on 21st August 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW ^{ly} winds, strong, fair to cloudy and some rain.	6 { SCOTLAND WEST	SW ^{ly} winds, freshening; dull, some rain.
1 { SCOTLAND EAST	S ^{ly} and SW ^{ly} winds, freshening; fair generally.	7 { ENGLAND N.W.	Same as N ^o 2.
2 { ENGLAND N.E.	Variable or SW ^{ly} airs, fair generally.	8 { ENGLAND S.W.	Same as N ^o 5.
3 { ENGLAND EAST	Same as N ^o 5.	9 { IRELAND NORTH	Same as N ^o 6.
4 { MIDLAND COUNTIES	Same as N ^o 5.	10 { IRELAND SOUTH	Variable breezes, finally SW ^{ly} , cloudy, rain locally.
5 { ENGLAND SOUTH	NE ^{ly} to variable airs, fine generally.	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	30.19	59	54	SSW	2	0	2	Holyhead	30.26	59	57	N	2	6	2
Sumtargh Head	30.15	56	52	WSW	2	c	3	Valencia	30.34	63	63	W	2	of	3
Stornoway	30.17	59	54	SSE	5	6	5	Scilly	30.31	60	60	NNW	2	r	4
Aberdeen	30.22	58	53	E	2	c	1	Dungeness	30.14	61	60	NNW	2	r	1
Shields	30.22	57	55	NNE	2	0	2	London	30.18	64	63	NNW	2	ogr	*
Ardrossan	30.23	60	60	SW	1	6	1	Yarmouth	30.20	63	59	ESE	2	6	2
Malin Head	30.24	? 59	56	N	1	6	2	Jersey	30.26	62	62	WNW	3	0	3
Mullaghmore	30.26	61	58	NW	2	cv	2	Rochefort	30.34	71	64	WNW	5	6	2
Belmullet	30.27	64	62	WSW	2	0	*								

REMARKS.

The barometer has fallen slightly at Dungeness, but risen in most other places. The wind has shifted to NW in the south-east of England, and to ESE at Yarmouth, while at Stornoway it has backed to SSE and freshened. Rain is falling in London and at Dungeness, but elsewhere the weather is fair. The sea is rather rough at Stornoway, but moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning's reports showed that anticyclonic conditions prevailed over Western and Northwestern Europe generally, while depressions were found over the Mediterranean and Russia, and some local shallow disturbances over the south-east of England and off the west of Scotland. The winds reported were, as a rule, N² (NW to NE), but local variations were observed in the neighbourhood of the disturbances referred to, where also rain was falling. The weather elsewhere was somewhat variable - the sky being cloudy, and showers occurring in several places. Temperature showed a further decrease over the British Isles and France, the 8 am readings even in the southern Departments as well as at Trieste, being all below 70°F; while those at some of the central stations were as low as 55°. Over Germany, Austria and the West of Russia, however, the air was still decidedly warmer than in France and the British Isles. The highest individual readings reported were 81° at Biskra (Algeria) 78° at Brindisi, 75° at Cagliari, 70° at Longumaire and 68° at Trieste; the lowest 53° at Sumburgh Head, 54° at Bodö, Christianaund, Stornoway and Moscow, and 53° at Paris, Dunkirk and Lorient.

During the day the weather was dull and wet in the south-east of England, and in some other parts of our Islands and France; at Paris six tenths of an inch fell. The thermometer rose to 79° at Nice, and is said to have reached 75° at Hurst Castle, but did not rise above 70° in any other part of the Kingdom during the day.

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

DAILY WEATHER REPORT

for Saturday — 21st August 1886.

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

Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 8 p.m. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			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	29.68	57	W	4	a	29.49	-.35	56	55	-1	SW	4	r	*	63	50	0.55	
Hernösand	29.74	60	S	4	b	29.63	-.42	64	56	+6	SSW	2	b	*	68	55	—	
Stockholm	29.94	62	W	2	b	29.89	-.15	62	58	+2	W	6	bc	*	72	54	—	
Wisby	29.91	63	SW	4	b	29.91	—	60	57	-1	WNW	4	bc	*	70	61	—	
Bodö	29.41	51	S	5	r	29.27	-.54	51	49	0	SW	8	r	5	52	46	0.51	
Christiansund	29.64	56	SW	4	r	29.74	-.10	53	48	-2	WSW	5	r	5	68	48	0.46	
† Skudesnaes	30.04	59	S	7	o	30.06	-.11	50	53	0	WNW	4	o	3	59	55	0.12	
Fæder	29.91	64	WSW	8	b	29.92	-.17	61	58	-1	WSW	6	b	4	64	59	—	
Skagen (The Skaw)	30.04	56	W	4	b	30.02	-.15	59	57	-1	WNW	4	o	2	64	55	—	
Fanø	30.18	55	W	1	b	30.14	-.14	65	60	+3	SSW	3	c	*	65	54	—	
Cuxhaven	30.28	63	N	1	b	30.20	-.09	64	64	+2	S	1	m	*	66	60	—	
† Sumburgh Head	29.79	55	WSW	6	o	30.02	+ .14	53	50	-2	WNW	4	b	4	59	49	0.03	
† Stornoway	29.94	56	WSW	6	ogym	30.11	+ .20	55	51	-2	SW	3	cp	2	60	48	0.09	
Wick	29.94	59	W	3	c	30.11	+ .19	56	53	-7	W	2	a	1	69	49	—	
Nairn	30.01	60	W	3	c	30.12	+ .13	53	50	-12	SW	1	bc	1	70	50	0.01	
† Aberdeen	29.99	68	WSW	3	bc	30.14	+ .08	58	53	-7	WNW	1	c	1	75	52	—	
Leith	30.05	69	WSW	1	c	30.14	-.02	56	54	-2	WNW	1	o	*	71	54	—	
† Shields	30.10	69	WNW	2	bc	30.14	-.09	58	54	+2	N	1	om	2	74	57	—	
Spurn Head	30.18	60	SSE	4	b	30.13	-.18	60	58	+5	NNW	1	bc	2	63	53	—	
York	30.16	67	S	1	c	30.14	-.16	56	55	+4	WNW	1	m	*	70	50	—	
Loughborough	30.19	68	SSW	1	b	30.14	-.17	55	55	+1	Z	0	om	*	76	50	—	
† Ardrossan	30.11	60	W	3	oa	30.16	-.02	55	55	-3	NNW	1	o	1	60	53	—	
Malin Head	30.13	57	W	3	o	30.17	+ .02	54	53	-5	N	3	c	3	59	54	0.02	
† Mullaghmore	30.18	58	WNW	5	r	30.19	-.04	55	53	-4	NNE	4	om	3	66	54	0.03	
† Belmullet	30.20	58	NW	2	o	30.21	-.01	55	53	-4	N	1	og	6	61	51	0.02	
Donaghadee	30.14	67	NW	2	o	30.19	-.04	54	53	-7	SW	1	r	0	72	53	0.06	
Barrow-in-Furness	30.17	60	WNW	2	o	30.13	-.13	59	57	0	NW	1	a	*	63	58	0.03	
Liverpool (Bidston)	30.18	62	WNW	1	bc	30.14	-.14	59	58	-2	W	1	o	1	69	57	—	
† Holyhead	30.19	59	SW	3	o	30.14	-.13	55	54	-2	NNE	4	m	2	64	54	—	
Parsonstown	30.21	62	Z	0	o	30.19	-.09	55	54	-6	Z	0	r	*	64	54	0.21	
† Valencia	30.24	61	W	1	om	30.17	-.15	56	56	-3	N	2	rm	1	66	54	0.26	
Roche's Point	30.22	62	NNW	1	o	30.16	-.09	58	56	-4	NNE	3	o	3	64	54	—	
Pembroke	30.20	61	NW	1	bc	30.13	-.15	59	59	+3	SSW	1	f	1	65	55	0.01	
† Scilly	30.20	61	N	2	c	30.14	-.11	60	59	+2	Z	0	o	4	63	55	—	
Prawle Point	30.20	60	E	1	b	30.14	-.14	65	60	+6	Z	0	b	0	66	54	—	
Hurst Castle	30.20	66	WSW	2	b	30.14	-.13	60	58	-1	NNE	1	m	1	70	52	—	
† Dungeness	30.16	63	E	4	b	30.10	-.15	62	60	-1	NE	1	m	1	66	56	—	
† London	30.18	66	ESE	1	b	30.13	-.16	66	54	-1	NW	1	bp	*	72	48	—	
Oxford	30.20	59	NE	1	b	30.15	-.16	51	51	-6	Z	0	bp	*	68	48	—	
Cambridge	30.18	70	Z	0	b	30.13	-.18	58	53	+5	Z	0	bp	*	72	49	—	
† Yarmouth	30.21	63	ENE	2	b	30.13	-.16	60	59	-1	Z	0	bc	2	65	51	—	
The Helder	30.18	65	NE	1	b	30.12	-.14	66	63	+4	ESE	1	b	1	70	69	—	
Cape Gris Nez	30.14	62	NE	4	o	30.10	-.12	60	60	+4	NE	4	f	3	65	55	—	
† Jersey	30.15	64	NE	3	bm	30.12	-.08	62	60	+1	NE	2	bm	2	67	57	—	
Brest	30.15	62	E	3	b	30.15	-.06	57	56	-2	NE	3	f	3	70	57	—	
Lorient	30.12	66	NE	5	b	30.12	-.07	57	56	-5	ENE	4	b	2	72	52	—	
† Rochefort	30.07	73	ENE	4	c	30.08	-.05	62	60	-3	NE	5	b	2	75	57	0.43	
Biarritz	29.97	64	W	5	o	30.02	-.15	64	63	-2	S	4	o	1	70	61	0.87	
Corunna	*	*	*	*	*	30.10	-.14	58	58	+1	NE	1	bc	*	68	55	—	
Brussels	*	*	*	*	*	30.10	-.14	58	58	+1	NE	1	bc	*	68	55	—	
Belfort	30.16	51	SE	5	bc	30.13	?	61	59	0	E	3	b	*	68	50	—	
† Paris	30.10	69	NNE	3	b	30.09	-.08	58	57	-2	NNE	2	f	*	73	57	—	
Lyons	30.01	68	NNE	1	b	30.02	-.09	62	57	+3	E	1	b	*	73	56	—	
Nice	29.93	73	NNW	1	c	29.93	-.03	69	58	+1	E	2	b	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 Messrs. L. & C. London

WEATHER CHARTS

for 8 a.m. on

Saturday, 21st August

1886.

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.

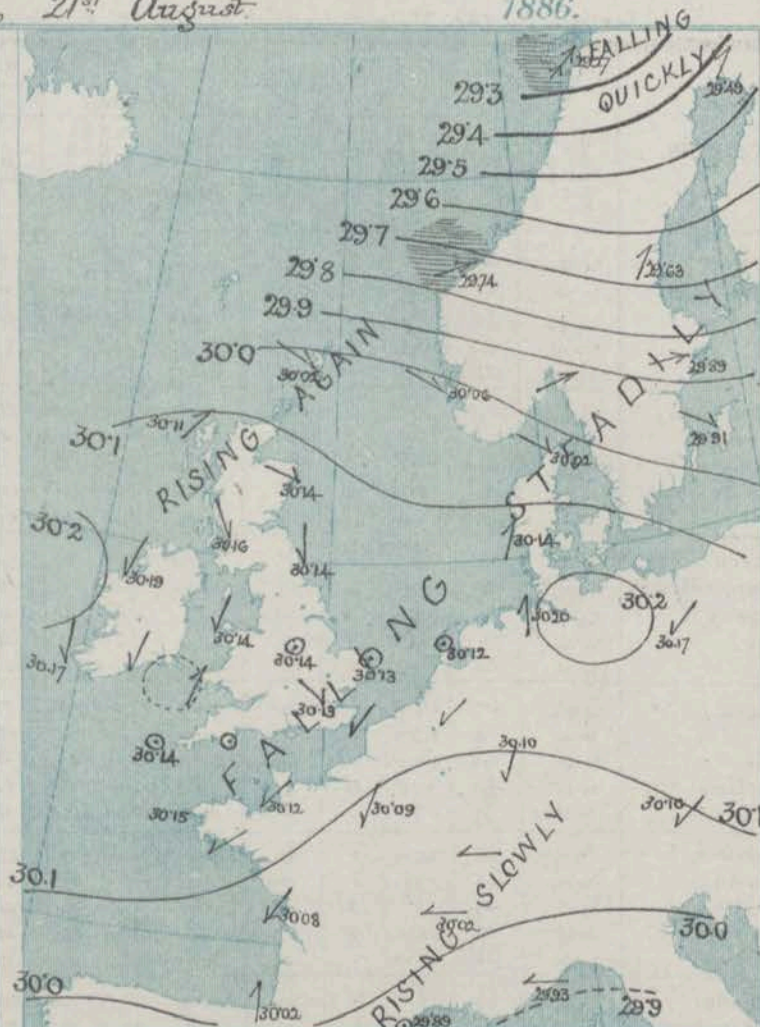
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.803
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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 IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 p.m.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.6	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.0	52.8	60.7	57.9	2.25
Yarmouth	66.9	58.7	61.4	58.5	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—86.



for

The large depression which lay to the north-westward of our islands yesterday, has travelled away to the north of Scandinavia, and the barometer has risen somewhat on our extreme northern and north-western coasts. Elsewhere, however, the mercury has fallen steadily; and although an anticyclone still lies over the greater part of the United Kingdom, the Netherlands and the north of France, a small depression is apparently forming near the mouth of the St George's Channel. The wind is W^{ly} or SW^{ly} in Scandinavia and the north of Scotland with a gale at Bodø, but over France and the Channel it is light or moderate from the NE^{Ad}, while in Ireland it has shifted to the Nth. Rain is falling at several of our western stations as well as at Bodø, Haparanda and Christiansund, but elsewhere the weather is fair or fine. A little rain fell yesterday in the north of Scotland. Temperature has fallen several degrees on our western and northern coasts and also in the west of France, but risen elsewhere; readings over our islands now range from 65° at Bowle Point to 53° at Lumburgh Head and Naism and 51° at Alford. The sea is rather rough off the west of Norway, but slight or smooth elsewhere.

The small depression in the south-west may possibly increase in importance, and occasion an extension of rain over England.

for the 24 hours ending at NOON on 22nd August 1886.
(Issued at 11 a.m. on the previous day.)

Frederick Dangerfield, Lith. London, (131.)

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	30.11	58	56	S	6	0	4	Holyhead	30.24	63	59	SW	3	6	2
Sumburgh Head	29.80	58	56	WSW	6	0	5	Valencia	30.28	66	62	WSW	3	6c	3
Stornoway	29.90	60	55	SW	6	cq	5	Scilly	30.24	62	60	NNE	2	c	4
Aberdeen	29.98	73	65	S	4	6	1	Dungeness	30.22	66	61	E	3	6c	2.
Shields	30.13	73	64	SW	2	6	2	London	30.24	68	61	NE	2	6c	*
Ardrossan	30.13	59	59	S	4	c	3	Yarmouth	30.26	65	62	ENE	2	6	3
Malin Head	30.11	59	59	WSW	4	0	4	Jersey	30.18	67	61	NE	4	6	3
Mullaghmore	30.19	63	60	WSW	5	om	4	Rochefort	30.10	68	64	NE	5	0	2
Belmullet	30.20	59	59	WSW	4	om	*								

REMARKS.

The barometer is falling generally, and the anticyclone noticed this morning is moving slowly southwards. No important change has occurred in the winds and fine weather prevails at all but our extreme northern and northwestern stations. At Aberdeen and Shields the thermometer stands at 73° or 5° higher than in London. The sea is rather rough off the north of Scotland, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning Continental Reports showed that a large anticyclone covered nearly the whole of Europe, and that the barometric readings varied from between 30.1 ins. and 30.3 ins. over the British Isles, France, and North Germany to about 29.8 ins. over Lapland and Italy. Thus, while light NE³ breezes prevailed over the greater part of the Continent, SW³ winds were felt in the far north. The weather, however, was less settled than might have been expected, showers being reported over many parts of France and the Mediterranean, and fog in several parts of our Islands. In Germany and Russia, however, conditions were finer. Temperature had fallen a little over Russia and Northern Europe, but risen in most other places; the 8 am. readings were a little above 70° on the northern shores of the Mediterranean, while they were only just above 50° over Central Russia and in the north of Sweden. The highest individual readings reported were 77° at Oran, and 76° at Biskra (Algeria) 75° at Palma and Rhindiri, and 71° at Trieste and Lissina; the lowest were 51° at Bodo and Moscow, 52° at York, and 53° at Cambridge, and 56° at several of the Central French stations.

During the day the weather was fair in most places, and the thermometer rose to between 70° and 76° over the British Isles and France. The appearance of the sky, however, was not very settled, and a few showers occurred locally.

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

for Sunday — 22nd August 1886.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

1886.

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

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).

Fred. Daniell's Lith. London

Fred^y Dangerfield Lith London

WEATHER CHARTS

for 8 a.m. on

Sunday 22 August

1886.

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.

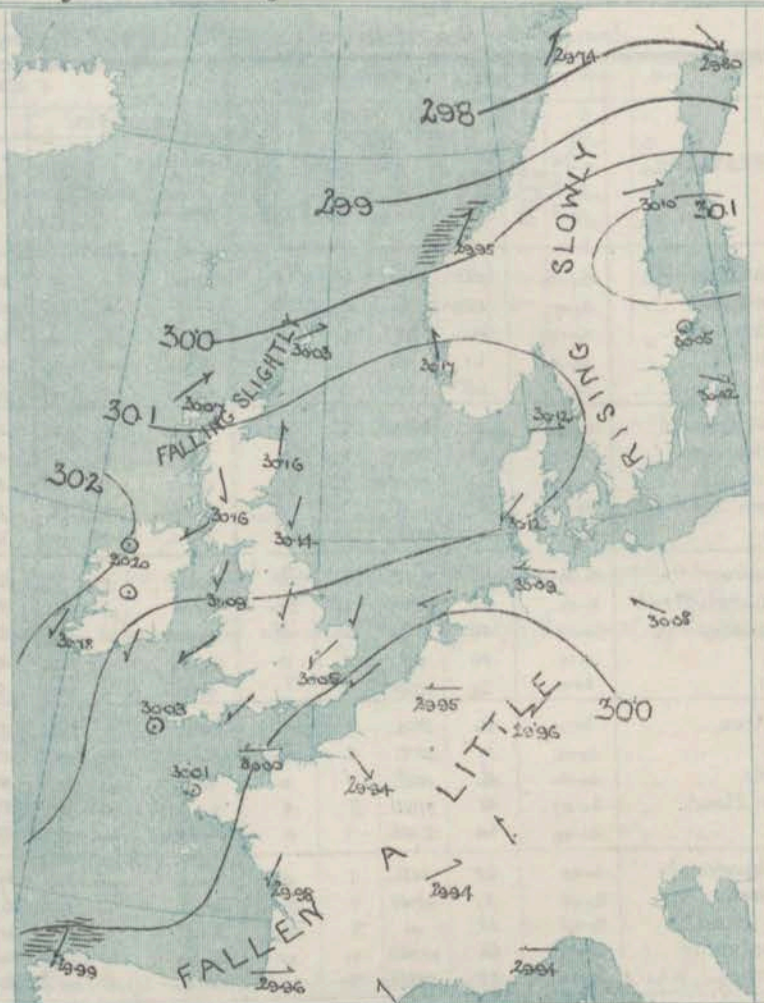
Sea Disturbance — where considerable, is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.858
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.943
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

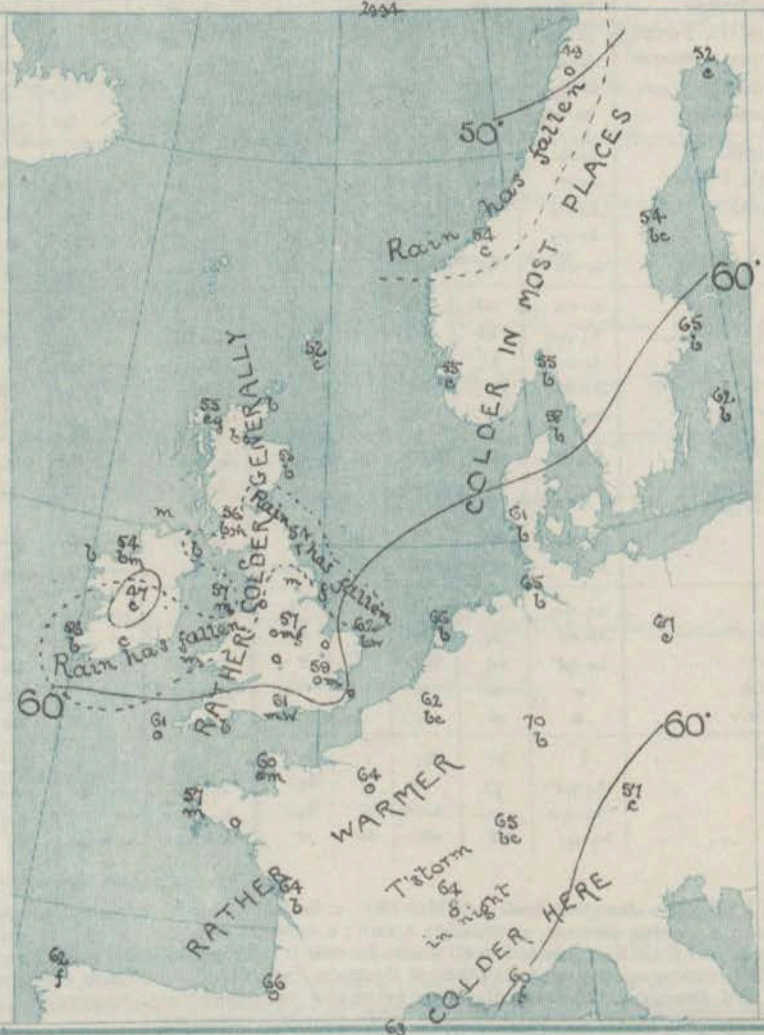
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Air & S.D.	Wet.	
Sumburgh Head	58.3	48.5	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	62.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1865—85.



REMARKS.

for Sunday 22nd August. 1886 at 8 a.m.

The large depression which lay over the north of Scandinavia yesterday has passed away from our area, and the barometer has risen briskly in Sweden and Norway. Elsewhere, however, the mercury has fallen somewhat, and while the highest pressures are found off the west of Ireland a small and very shallow depression is lying over Central France. The wind is light or moderate from the SW^W in Scotland and the west of Scotland, and variable over eastern and Central France, but elsewhere it varies between NE. and N. (Dull, misty weather is reported at some of the English stations, and rain is falling at Shields, but elsewhere the weather is fair or fine. In the course of the past twenty-four hours rain has fallen at several of our western and northern stations, the largest amounts being 0.9 in. at Rocherpoint, and 0.5 in. at Parsonstown. Temperature has risen a little in France and Germany, but fallen elsewhere; readings over our Islands now range from 62° at Hawke's Point and Yarmouth to 50° at Kaim and 47° at Parsonstown. During yesterday, the thermometer rose to 74° in London, 75° at Loughborough and 76° at Cambridge. The sea is moderate to smooth.

FORECASTS

for the 24 hours ending at NOON on 23rd August 1886.
(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

NONE
ISSUED

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

NONE
ISSUED.

WARNINGS

NONE ISSUED.

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.13	60	54	WNW	4	c	3	Holyhead	30.12	55	55	N	4	m	2
Sumburgh Head	30.07	55	52	WSW	4	o	4	Valencia	30.16	55	54	NNE	3	rmg	4
Stornoway	30.13	59	52	SW	4	b	3	Scilly	30.08	63	60	WNW	1	c	3
Aberdeen	30.16	60	54	SSE	3	c	1	Dungeness	30.04	64	62	NE	1	m	0.
Shields	30.13	58	55	NNE	1	o	2	London	30.04	72	64	2	o	bcn	*
Ardrossan	30.16	59	59	NNW	2	o	1	Yarmouth	30.05	65	61	NNE	1	b	2
Malin Head	30.27	55	52	N	3.	bg	3.	Jersey	30.06	69	62	NNW	2	b	2
Mulhaghmore	30.19	55	52	N	4	og	4	Rocheport	30.05	87	72	NE	4	b	2
Belmullet	30.22	56	52	NE	1	o	*								

REMARKS.

The barometer is falling steadily over the south-east of England, but no other change of importance is reported. The sea is moderate to smooth.

CONTINENTAL INFORMATION.

Yesterday morning's Continental reports showed that a broad band of high pressure in which readings varied from 30.0 in. to 30.2 in. covered the whole of Western, Central, and Eastern Europe. To the northward of this band readings decreased to about 29.3 in. over the N. of Norway, while to the southward they decreased to only 29.8 in. over Italy. SW^{ly} winds and gales prevailed over Scandinavia, with cloudy weather and rain, and some showers fell on the shores of the Bay of Biscay and in the west of Ireland also. Over France and England the wind was NE^{ly}, and the weather fair as a whole, but the air was cool. Temperature varied from a little above 70° on the northern shores of the Mediterranean to a little above 50° over NW^{ly} Europe - the highest individual readings being 77° at Biskra (Algeria) 73° at Brindisi and Cagliari, and 72° at Croisette, Tanguinair and Trieste, the lowest 51° at Porto, 53° at Sumburgh Head, Kain, and Archangel.

During the day temperature rose greatly; 86° was the maximum recorded at Rocheport, 81° at Perpignan, 83° at Nice, and 81° at Wiesbaden. At Cambridge the thermometer rose to 76°, at York and Harbours to 75°, and in London to 74°. Rain fell steadily in Ireland, and a thunderstorm occurred at Lyons.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 15th TO THE 21st AUGUST 1886.

The weather experienced over the United Kingdom during this week has been far from settled. It commenced with SW^{ly} winds and squally showery weather - the wind blowing a gale in the west and north-west, and a strong to fresh breeze elsewhere. On Tuesday, however, the barometer having risen, had become high in the south-west, and strong NW^{ly} winds set in with low temperature, and local showers. At Cambridge there was a thunderstorm, and the fall of rain exceeded an inch. The high pressure area in the south then spread NE^{ly}, but small shallow depressions appeared in several places, and cold showers again fell in almost all parts of the Kingdom. On Friday, however, the anticyclone took the form of a broad band, which covered the whole of Ireland, England, France, and the Bay of Biscay, while a depression which passed by our NW coast caused a continuance of the showers in those regions; the air, however, became drier in the east and south, and there were intervals of bright sunshine. Saturday was foggy and misty at first then finer, but the air remained cool, the sky looked far from settled, and in Ireland a great deal of rain fell. The week closed with a somewhat improved appearance, but cool N and NE breezes were prevalent, the barometer was unsteady, and there were local irregularities in the pressure distribution which pointed to an early alteration of the conditions then prevalent.

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

DAILY WEATHER REPORT

for Monday 23rd AUGUST 1886.

Issued by the Meteorological Office, Victoria Street, London, R. N. 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.			Sun. (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.		
Haparanda	29.76	54	SW	6	a	29.82	+ 02	54	49	+ 2	WNW	2	bc	•	62	46	—		
Hernösand	30.02	55	SSW	2	b	30.04	— 06	58	54	+ 4	Z	0	o	•	63	45	—		
Stockholm	30.04	59	Z	0	b	30.06	+ 01	60	56	— 5	W	2	bc	•	72	52	—		
Wisby	30.02	62	NW	4	bc	30.02	00	63	59	+ 1	N	4	b	•	70	59	—		
Bodö	29.72	50	WNW	6	c	29.80	+ 06	48	48	— 1	E	1	r	•	62	45	—		
Christiansund	29.92	55	SW	8	o	30.01	+ 06	55	50	+ 1	WSW	3	o	5	55	54	—		
† Skudesnaes	30.16	53	WNW	1	bc	30.12	— 05	55	51	0	NNW	2	o	3	64	52	—		
Færder	30.06	59	SW	3	b	30.11	+ 01	56	53	+ 1	NNW	5	b	1	63	55	—		
Skagen (The Skaw)	30.10	56	W	1	b	30.06	— 06	57	55	— 1	SW	1	b	0	64	52	—		
Fanö	30.06	64	E	5	b	30.02	— 10	61	59	0	N	4	c	•	75	57	—		
Cuxhaven	30.03	70	NE	2	b	30.01	— 08	66	66	+ 1	E	3	c	•	73	63	—		
† Sumburgh Head	30.03	57	WSW	5	c	30.03	00	54	52	+ 2	S	3	o	3	58	47	—		
† Stornoway	30.06	58	SW	4	b	29.97	— 10	53	52	— 2	SSE	3	bw	8	61	42	—		
Wick	30.09	35	Z	0	b	30.00	— 09	53	52	— 3	Z	0	b	0	66	36	—		
Nairn	30.06	61	W	1	b	30.02	— 10	49	45	— 1	SW	1	b	0	68	40	—		
† Aberdeen	30.10	57	S	3	b	30.06	— 10	54	53	— 1	S	1	m	0	64	47	—		
Leith	30.09	59	SE	1	b	30.05	— 08	53	53	— 2	NE	1	ovm	•	61	48	—		
† Shields	30.11	56	NNE	2	or	30.06	— 08	56	55	+ 2	E	1	o	2	57	53	0.02		
Spurn Head	30.09	57	NNE	3	o	30.03	— 07	59	57	+ 1	N	3	b	3	60	55	—		
York	30.10	61	NNE	1	o	30.05	— 08	57	56	— 1	NE	1	m	•	67	55	—		
Loughborough	30.07	64	NE	2	o	30.04	— 06	55	55	— 2	NNE	2	ogdm	•	66	54	—		
† Ardrossan	30.09	61	NW	1	bm	30.01	— 15	58	57	+ 2	NE	2	bf	1	64	50	—		
Malin Head	30.07	55	NNE	1	m	29.95	— 20	55	55	0	SSE	2	o	2	63	50	—		
† Mullaghmore	30.11	58	WNW	2	b	29.96	— 24	58	55	+ 4	SSE	2	am	3	62	53	—		
† Belmullet	30.13	57	N	1	b	29.93	— 28	58	55	+ 4	S	1	o	•	60	50	—		
Donaghadee	30.12	56	NNE	3	b	30.01	— 17	56	55	+ 1	SE	2	o	0	59	52	—		
Barrow-in-Furness	30.07	63	NW	1	b	30.04	— 11	58	56	0	NE	1	o	•	64	55	—		
Liverpool (Bidston)	30.05	63	NE	2	b	30.03	— 07	57	56	— 1	SE	2	om	2	69	57	—		
† Holyhead	30.07	58	N	4	m	30.00	— 09	58	58	+ 1	Z	0	m	0	61	55	—		
Parsonstown	30.09	64	Z	0	c	29.99	— 20	56	55	+ 9	SE	1	c	•	65	46	—		
† Valencia	30.08	60	N	3	b	29.97	— 21	58	56	+ 2	ESE	2	om	2	63	51	—		
Roche's Point	30.08	61	N	1	o	29.99	— 11	58	57	+ 6	S	1	f	3	63	52	—		
Pembroke	30.03	62	ESE	2	m	29.98	— 07	61	60	+ 1	ESE	2	b	2	66	57	—		
† Scilly	30.01	63	N	2	cm	29.97	— 06	57	57	— 4	N	1	f	4	63	57	0.01		
Prawle Point	29.99	66	NE	2	b	29.98	— 02	62	59	0	NE	2	bc	1	67	58	—		
Hurst Castle	30.00	69	Z	0	m	29.99	— 03	59	58	— 2	NE	3	cm	1	76	56	—		
† Dungeness	29.95	68	ESE	2	c	29.95	— 01	61	59	+ 1	NE	2	c	•	72	56	—		
† London	30.01	72	N	3	b	30.01	— 04	58	56	— 1	NNE	1	og	•	78	56	—		
Oxford	30.05	62	NNE	2	b	30.02	— 05	54	54	— 4	NE	1	ognd	•	69	54	?		
Cambridge	30.08	58	N	1	o	30.02	— 05	58	58	— 1	N	1	o	•	74	55	—		
† Yarmouth	30.04	60	N	3	cm	29.98	— 06	60	59	— 2	NNW	2	c	3	65	56	—		
The Helder	29.97	65	NE	1	b	29.93	— 07	67	66	+ 1	NNE	1	b	1	70	63	—		
Cape Gris Nez	29.93	63	NE	5	f	29.93	00	60	60	0	NE	5	o	4	66	59	—		
† Jersey	29.97	64	NNE	2	b	29.93	— 07	60	60	0	E	3	m	3	68	59	0.12		
Brest	29.96	66	NE	2	f	29.94	— 07	58	58	+ 1	Z	0	m	3	72	55	—		
Lorient	29.97	70	NE	3	bc	29.93	— 10	60	57	+ 1	ESE	4	m	2	77	54	—		
† Rochefort	29.95	70	NW	1	bc	29.95	— 03	65	64	+ 1	SE	3	f	2	79	61	—		
Biarritz	29.92	71	N	1	o	29.89	— 07	64	62	— 2	LE	3	o	1	75	63	0.16		
Corunna	*	*	*	*	*	29.99	00	62	61	0	NNE	5	b	6	68	59	—		
Brussels	*	*	*	*	*	29.93	— 02	64	63	+ 2	NNE	1	o	•	82	62	—		
Belfort	?	74	W	1	c	?	?	65	63	0	E	1	b	•	79	54	—		
Paris	29.90	72	NNE	13	bc	29.94	00	61	60	— 3	N	1	o	•	79	57	—		
Lyons	29.89	73	N	1	bc	29.99	+ 05	63	61	— 1	SE	1	bc	•	60	60	—		
Nice	29.91	71	SSE	1	bc	29.99	+ 05	68	64	+ 8	ENE	1	b	2	72	59	0.35		

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).

WEATHER CHARTS

for 8 a.m. on

Monday 23rd August

1886.

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 August.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Rocha's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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 IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	68.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.29
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.81
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	62.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85



REMARKS.

for Monday 23rd August. 1886 at 8 a.m.

In the course of the past night barometric pressure has given way considerably on all our western coasts and to a smaller extent in the east while it has risen slightly in the south of Norway. Readings are now about 30.0 ins in a band extending from the North Sea to the Portuguese coasts, but decrease gradually both in a north westerly and south easterly direction. The wind remains Nth and NE^{ly} on our eastern and southern coasts, and is light to moderate in force, but has veered to the Sth in the west and north-west where, however, it remains light at present. Temperature is still rather low in most places, the readings in our islands varying from 49° at Naism, to 58° at Valencia and in London and 62° at Pwll Point. Over France they vary from 60° to 65°. The weather is gloomy, hazy or foggy in most parts of our islands, the fog being chiefly prevalent in the south-west; at Loughbor and Clifford drizzling rain is reported, but at several of the northern and some of the eastern stations the sky is clear. The rainfall over our islands during the past twentyfour hours has been trifling, but thunderstorms have occurred over France and at Jersey. The sea is smooth or nearly so except at Seilly.

The weather appears to be in a state of transition, the Sth winds in the west appear likely to become more general with warmer weather.

SEE PAGE 4.

FORECASTS

for the 24 hours ending at NOON on 24th August 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S th breezes, moderate to fresh; fair to showery.	6 { SCOTLAND WEST	SE th to SW th breezes, light and fine; afterwards freshening and less settled.
1 { SCOTLAND EAST	S th and variable airs; fair generally, warmer.	7 { ENGLAND N. W.	----- D° ----- D° ----- D°
2 { ENGLAND N. E.	----- D° ----- D° ----- D°	8 { ENGLAND S. W.	----- D° ----- D° ----- D°
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	----- D° ----- D° ----- D°
4 { MIDLAND COUNTIES	Same as No 5	10 { IRELAND SOUTH	----- D° ----- D° ----- D°
5 { ENGLAND SOUTH	NE th to SE th breezes, light; dull and cool to fine and warmer.	WARNINGS	NONE ISSUED.

YESTERDAY'S 2 P.M. REPORTS

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.17	64	54	W	2	bc	3	Rochefort	30.00	77	71	W	4	c	2

CONTINENTAL INFORMATION

Yesterday morning's Continental Reports showed that the broad anticyclonic band which covered nearly the whole of Europe on Saturday had moved northwards somewhat, and that while the depression in the far north was passing away to the northward, the shallow system over the Mediterranean was spreading northward over France; thus while SW^{ly} winds still held in the far north, and NE^{ly} at our southern stations, variable breezes have set in over the south of France and variable airs at the North German stations. The weather, though fine in most places, was unsettled and showery over the south of France and in some parts of our north-east coasts. Temperature was giving way over Northern Russia, but had not changed elsewhere. The readings at 8 am varied from between 66° and 72° on the northern shores of the Mediterranean to between 49° and 54° in the north-west of Norway and the north of the British Islands, and to about 54° over Northern Russia. The highest individual readings reported were 75° at Malta, 74° at Palma and 72° at Messina; the lowest 49° at Bodo, 50° at Kairu, 52° at Lumburgh Head and 54° in the north of Ireland and 57° at Kropio (Finland).

During the day the thermometer rose to between 79° and 80° at the Central French stations, and to 78° in London, but did not rise to 65° or 66° over our northern countries. At night thunderstorms occurred in many parts of France.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

AND THEIR NEIGHBOURHOOD.

FROM THE 15TH TO THE 21ST AUGUST 1886.

The Summary for this week will be found in the Daily Weather Report for Sunday the 22nd inst.

ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that, —

- (1) On the 17th inst. in Lat. 45° N, Long. 54° W the barometer fell to 29.4 ins at midnight during a "whole gale" in which the wind veered from S to NW.
- (2) - 18th - 46° N - 52° W - 29.4 - 2 am - "strong gale" - - - S to NW.
- (3) - 18th - 48° N - 46° W - 29.4 - 10 am - "fresh gale" - - - S to NW.

These three reports all refer to one depression, the centre of which appears to have been moving quickly in a north-easterly direction, and was apparently likely to pass near our extreme western coasts yesterday.

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

DAILY WEATHER REPORT

for *Tuesday* 24th August 1886.

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

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.		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	29.88	53	W	2	o	29.94	+ .12	57	52	+ 3	NW	2	c	*	61	48	-		
Hernösand	30.08	57	Z	0	o	30.11	+ .07	56	52	- 2	S	2	b	*	70	50	-		
Stockholm	30.06	59	E	2	b	30.09	+ .03	65	59	+ 5	SSE	2	b	*	70	50	-		
Wisby	30.00	58	N	2	b	30.01	- .01	62	56	- 1	E	4	b	*	68	54	-		
Bodö	29.89	51	SW	6	o	29.96	+ .16	52	50	+ 4	WSW	4	c	2	52	46	0.39		
Christiansund	30.06	54	W	1	c	29.96	- .05	56	52	+ 1	SE	1	m	4	?	46	-		
†Skudesnaes	30.03	57	WNW	1	bc	29.94	- .18	60	55	+ 5	ESE	2	c	3	64	55	-		
†Færder	30.04	61	SSW	2	b	30.06	- .05	59	58	+ 3	WNW	2	b	1	64	?	-		
Skagen (The Skaw)	30.04	61	Z	0	b	30.01	- .05	63	61	+ 6	E	1	b	0	70	57	-		
Fanö	29.96	67	SE	4	c	29.94	- .08	65	60	+ 4	E	4	b	*	75	61	-		
Cuxhaven	29.97	66	E	2	b	29.97	- .04	66	63	0	SE	4	b	*	75	64	-		
†Sumburgh Head	29.94	54	S	4	o	29.77	- .26	55	52	+ 1	S	4	c	4	57	50	-		
†Stornoway	29.87	58	SSW	3	c	29.71	- .26	57	55	+ 4	SSW	5	cp	5	59	53	0.01		
Wick	29.90	56	S	1	bc	29.75	- .25	60	58	+ 7	S	2	b	1	63	50	-		
Nairn	29.89	63	W	1	m	29.78	- .24	61	57	+ 12	SW	1	b	1	66	49	-		
†Aberdeen	29.96	57	S	2	b	29.83	- .23	62	58	+ 8	S	2	b	0	62	49	-		
Leith	29.93	67	SSE	1	b	29.87	- .18	58	57	+ 5	SE	1	cm	*	69	49	-		
†Shields	29.96	57	NNE	1	b	29.90	- .16	51	50	- 5	W	1	m	2	62	48	-		
†Spurn Head	29.95	60	NNE	2	b	29.93	- .10	57	57	- 2	WNW	1	bm	3	63	54	-		
York	29.94	68	N	1	b	29.93	- .12	58	57	+ 1	W	1	f	*	71	52	-		
Loughborough	29.94	67	NE	1	b	29.94	- .10	59	58	+ 4	WNW	1	ofw	*	71	55	-		
†Ardrossan	29.92	62	Z	0	of	29.88	- .13	58	57	0	SSW	3	b	2	68	55	-		
Malin Head	29.86	62	SSE	2	o	29.78	- .17	56	55	+ 1	SW	3	c	3	65	54	0.01		
†Mullaghmore	29.88	62	SSW	2	cm	29.87	- .09	58	56	0	WSW	4	c	2	64	58	-		
Belmullet	29.87	59	SSW	3	o	29.87	- .06	56	55	- 2	SSW	3	o	*	63	55	0.03		
Donaghadee	29.92	60	SSW	2	bc	29.91	- .10	58	57	+ 3	SW	2	b	0	63	49	-		
Barrow-in-Furness	29.91	67	E	1	b	29.92	- .12	59	58	+ 1	E	1	f	*	68	58	-		
Liverpool (Bidston)	29.91	68	ESE	1	bc	29.94	- .09	58	58	+ 1	W	1	of	2	71	57	-		
†Holyhead	29.93	62	Z	0	bm	29.94	- .06	58	58	0	SSW	1	nm	2	67	55	-		
Parsonstown	29.92	64	Z	0	c	29.94	- .05	56	55	0	Z	0	o	*	68	49	-		
†Valencia	29.93	59	SSW	3	om	29.97	- .00	57	56	- 1	SW	2	of	2	62	56	0.01		
Roche's Point	29.94	63	SSW	2	b	29.94	- .05	60	58	+ 2	WSW	1	om	2	65	52	-		
Pembroke	29.94	63	W	1	m	29.96	- .02	59	56	- 2	WNW	2	b	1	65	58	-		
†Scilly	29.93	61	N	2	of	29.98	+ .01	61	58	+ 4	NNW	2	b	3	62	56	-		
Prawle Point	29.92	63	NE	2	bc	29.93	- .05	65	62	+ 3	NNW	1	b	1	66	56	-		
Hurst Castle	29.91	66	ENE	3	bc	29.89	- .10	63	63	+ 4	N	2	c	1	70	57	0.17		
†Dungeness	29.90	64	NE	2	bc	29.86	- .09	60	60	- 1	NE	2	r	1	68	59	0.16		
†London	29.91	70	NNW	1	o	29.91	- .10	61	59	+ 3	NE	1	om	*	78	58	-		
Oxford	29.94	62	Z	0	o	29.93	- .09	60	60	+ 6	NNE	2	c	*	65	54	-		
Cambridge	29.95	62	N	1	bc	29.92	- .10	60	59	+ 2	N	1	o	*	74	56	-		
†Yarmouth	29.90	60	NNW	2	of	29.90	- .08	58	57	- 2	N	2	o	3	67	55	-		
The Helder	29.89	68	ENE	1	b	29.94	- .09	66	65	- 1	Z	0	b	1	73	64	-		
Cape Gris Nez	29.88	58	NE	4	c	29.86	- .07	60	60	0	ENE	5	r	3	64	59	0.05		
†Jersey	29.88	62	ENE	3	cm	29.89	- .04	62	62	+ 2	NNE	1	om	1	64	59	0.39		
Brest	29.90	65	ENE	5	o	29.95	+ .01	59	58	+ 1	N	3	m	2	75	54	-		
Lorient	29.89	68	NNW	1	o	29.93	- .00	61	60	+ 1	NNW	3	m	2	77	55	-		
†Rocheport	29.92	72	NNW	4	c	29.92	- .03	67	66	+ 2	NNW	4	o	2	82	63	0.08		
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	29.85	- .08	63	62	+ 1	SSE	1	r	*	81	63	0.24		
Belfort	?	72	S 3	1	c	?	?	66	64	+ 1	W	3	o	*	77	55	1.26		
Paris	29.88	63	N	1	o	29.87	- .07	62	61	+ 1	NNE	1	bc	*	80	59	0.55		
Lyons	29.84	74	S	1	bc	29.89	- .10	63	60	0	SSW	3	c	*	82	57	-		
Nice	29.95	69	E	1	b	29.90	- .09	63	59	- 5	E	1	b	1	77	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).

WEATHER

CHARTS

for 8 a.m. on

Tuesday

24 August

1886.

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 August.
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.836
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

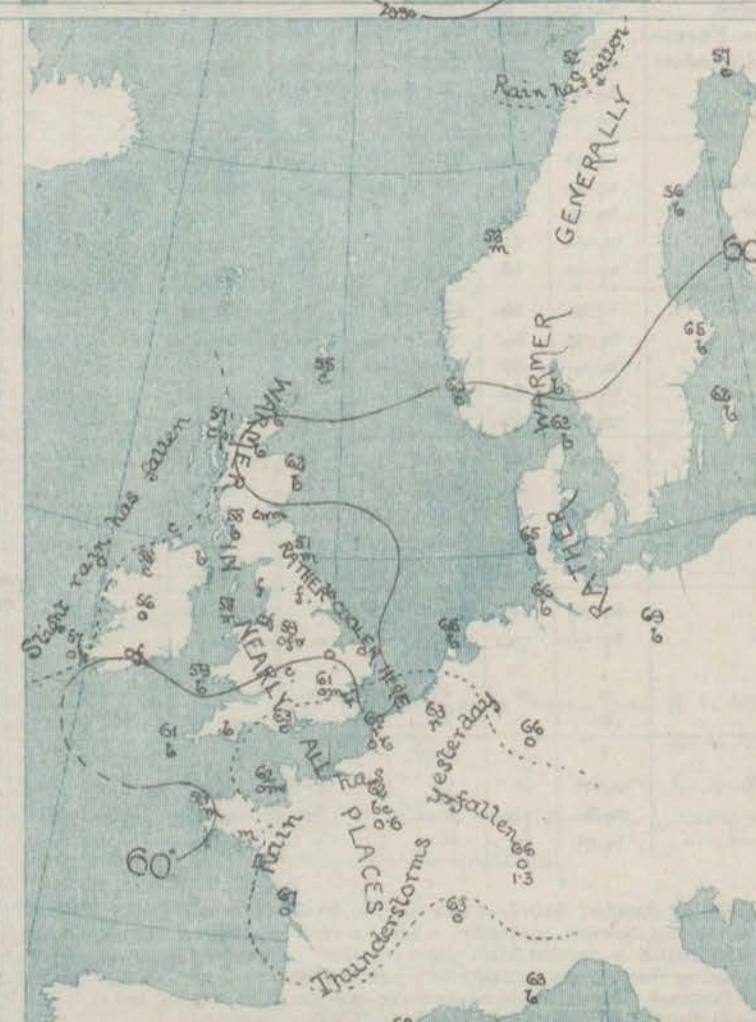
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	ALL DAY		
			Dry	Wet	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	60.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.0	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	68.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are usually those for the 10 years 1866—85.



REMARKS.

for

Tuesday 24th August 1886 at 8 a.m.

Barometric pressure is now highest (30.1 ins) over the southern part of the Gulf of Bothnia, and relatively high (30.0 ins) off our south-west coasts, but a large shallow depression with readings below 29.7 ins is lying to the north-westward of Scotland, while another low-pressure system with readings below 29.9 ins is found over France. Light or moderate breezes from between S and SW are reported in Ireland and Scotland, but on the eastern shores of the North Sea the wind is light from the End, and in the east and south of our islands it is N^W, while in the west of France it draws into NW. The weather is fine in Sweden, Denmark, Scotland and the south-west of England, but cloudy elsewhere, with mist or fog in many places, showers at Hornoway and Valencia, and rain at Dungeness, Cape Gris Nez and Brussels. Thunderstorms occurred in France yesterday and lightning was seen last night at Jersey. Temperature has fallen slightly on the east coast of England, but risen elsewhere - several degrees in Scotland; readings over our islands now range from 65° at Prawle Point to 51° at Shields. During yesterday the thermometer rose to 74° at Cambridge and 78° in London. The sea is rather rough at Hornoway, but slight or smooth elsewhere.

The changes in pressure are at present too slight to occasion any decided alteration in the weather, but conditions can scarcely be regarded as settled.

FORECASTS

for the 24 hours ending at NOON on 25th August 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

S^{ly} and SW^{ly} winds, moderate, cloudy, local showers.

1 { SCOTLAND
EAST

S^{ly} winds, light, fair generally.

2 { ENGLAND
N.E.

Same as N^o 5.

3 { ENGLAND
EAST

Same as N^o 5.

4 { MIDLAND
COUNTIES

Same as N^o 5.

5 { ENGLAND
SOUTH

Light breezes, chiefly N^{ly}, fair generally, but close with slight rain locally.

6 { SCOTLAND
WEST

Same as N^o 1.

7 { ENGLAND
N.W.

Light variable airs; fair generally, but local showers.

8 { ENGLAND
S.W.

NW^{ly} winds, light, fair generally.

9 { IRELAND
NORTH

Same as N^o 0.

10 { IRELAND
SOUTH

W^{ly} winds, light, cloudy, local 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	30.08	64	56	W. 1/2 W.	2	bcm	3	Holyhead	29.96	64	62	W. 1/2 W.	1	b	1
Sumburgh Head	30.00	54	53	8	4	0	3	Valencia	29.95	62	60	SSW	4	e	4
Stornoway	29.91	56	54	SSW	3	d	3	Scilly	29.95	61	60	N	1	o	3
Aberdeen	30.00	60	57	S	3	0	0	Dungeness	29.94	68	62	NE	2	e	1
Shields	30.02	61	58	E	3	bc	3	London	29.95	70	63	NE	2	e	*
Ardrossan	29.96	68	60	Z	0	c	0	Yarmouth	29.94	65	62	W. 1/2 W.	3	b	3
Malin Head	29.88	64	64	SW	2	0	2	Jersey	29.90	63	62	NE	3	o	3
Mulhaghmore	29.91	63	58	SSW	4	cm	2	Rocheport	29.95	75	69	W. 1/2 W.	4	0	2
Belmullet	29.90	62	58	SSW	1	bc	*								

REMARKS.

The barometer is falling in our islands and the north of France as well as over the S.W. of Norway, but is steady at Rocheport. Very little change of wind has occurred except at Valencia (where it has shifted to SSW) and Rocheport (where it has shifted to WSW). Temperature has risen in the S. and the air is close. The sea is moderate to smooth.

CONTINENTAL INFORMATION.

The Continental Reports for yesterday (Monday) showed that while the differences between pressure over different parts of Europe were very slight, yet there were certain shallow disturbances over France and Belgium which caused very variable air, changeable, close weather, and showers in the south. Temperature fell a little more in the north of the United Kingdom, and the readings at 8 am varied from between 68° and 72° on the northern shores of the Mediterranean to rather below 50° in the north of Norway. The highest individual readings reported were 82° at Biskra (Algeria) 77° at Malta and Rhindiri, 72° at Croissette, and Sanguinaire and 70° at Trieste; the lowest were 48° at Rods, 49° at Aïun and 53° at Stornoway, and Wick.

During the day the thermometer rose to between 80° and 82° over the greater part of France and Belgium, to 78° in London and 71° at York and Loughborough. A heavy thunderstorm occurred in many parts of France during the day, with much rain and large hailstones.

for Wednesday — 25th August 1886.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

1885.

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

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).

+ Sent in place of Nice

1886.

(Explanation of Map)

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

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

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.

for the month of August.

[illegible]

Note - The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85

REMARKS.

for

Wednesday 25th August 1886 at 8 a.m.

The anticyclone noticed over the Gulf of Bothnia yesterday has partially dispersed, but the second high-pressure system which lay to the south-westward of our islands has extended in an easterly direction over France and the south of England. Some depressions are, however, still stirring our extreme north and north-west coasts, and the barometer is falling at all but the English and French stations. Light or moderate breezes from the SW^{ly} are reported on our western and northern coasts, but in the south of our islands and the greater part of France the wind is NW^{ly}, while in Germany and the Netherlands it circulates round a shallow depression which is lying over Saxony. The weather is dull in the west of our islands and the south of France, and foggy in the west of Norway, but fair or fine elsewhere. In the course of the past twenty-four hours slight rain has fallen on our extreme north-west coasts, and heavy rain (1.0 in.) at Munich and Biarritz. Temperature has fallen a little in the north of Scotland, the south of England and the west of France, but risen in most other localities; readings over our islands now range from 62° at Aberdeen and 61° in the south-east of England to 55° at Hornoway. During yesterday the thermometer rose to 77° at Hurst Castle and in London, 78° at Loughborough and Cambridge and 79° at York. The sea is moderate to smooth.

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

FORECASTS

for the 24 hours ending at NOON on 26th August 1886.

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

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

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.92	64	58	SSE	6	r	3	Holyhead	29.95	61	59	SW	3	cm	2
Sumburgh Head	29.73	57	55	S	4	c	4	Valencia	29.96	63	60	SW	3	r	3
Stornoway	29.70	58	55	SSW	5	o	5	Scilly	30.01	64	60	WNW	3	bc	4
Aberdeen	29.80	70	60	SSW	4	b	1	Dungeness	29.88	63	62	NE	2	mv	4
Shields	29.87	66	60	ENE	1	m	2	London	29.90	74	65	NNE	1	bcm	*
Ardrossan	29.88	59	58	SSW	2	o	2	Yarmouth	29.91	62	59	NNE	3	bf	4
Malin Head	29.83	59	57	W	2	o	2	Jersey	29.97	70	66	NW	4	r	2
Mullaghmore	29.87	61	57	WSW	4	o	2	Rochefort	29.97	70	66	NW	4	o	2
Belmullet	29.87	59	57	SW	2	o	*								

REMARKS.

The barometer is falling a little on our north-east coasts and also at Valencia, but rising elsewhere. Very little change has occurred in the winds; and fair, but hazy, weather is reported at most stations. The sea is rather rough at Stornoway, but moderates to smooth elsewhere.

CONTINENTAL INFORMATION

Yesterday morning's Continental reports showed that the disturbances recently noticed over France were moving E^o to Germany, and that pressure varied from 30.1 inches on the Portuguese coast to somewhat below 29.9 in over Germany, Austria, the southeast of Europe and Western Russia.

Temperatures had risen somewhat over the British Islands and their neighbourhood, but changed very little in other places. The barometer readings ranged from between 66° and 72° on the northern shores of the Mediterranean to somewhat below 60° over both Western and Eastern Europe. The highest individual readings were 83° at Biskra and Sfax (Algiers), 78° at Cagliari, Malta and Pirinæi, and 73° at Languirais and Trieste; the lowest were 51° at Shields, 55° at Knopis (Ireland) and 56° at Malin H^d and Belmullet. The winds were chiefly N^o (NW to NE), but were light, and varied greatly in many localities. The weather, though fair in our islands, was very stormy over France and parts of Germany, where, also, severe thunderstorms had occurred during the preceding night.

During the day heavy local showers again fell at several French stations; and, while the thermometer rose to between 74° and 77° over England, it did not exceed 70° at any of the Central French stations from which reports have arrived at present.

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

DAILY WEATHER REPORT

for Thursday 26th August 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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.		W. - a.m.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Direc.	Force (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12.)			Max.	Min.		
Haparanda	29.79	58	Z	0	0	29.73	-13	58	57	+2	SSW	2	0	*	61	50	-	
Hernösand	29.77	64	S	4	6	29.74	-15	63	58	+3	S	2	60	*	72	46	-	
Stockholm	29.91	61	SSW	2	6	29.88	-12	63	60	+2	S	2	60	*	75	52	-	
Wisby	29.86	62	SSW	2	6	29.85	-03	64	60	-1	E	2	60	*	75	55	-	
Bodö	29.73	56	?	1	0	29.58	-13	53	52	+2	SW	2	1	*	56	50	0.20	
Christiansund	29.68	58	NE	1	0	29.61	-13	55	54	-2	W	2	1	1	63	52	0.12	
Skudesnæs	29.81	59	S	6	0	29.75	-11	58	57	0	S	4	1	5	59	57	-	
Færevær	29.86	64	SSW	2	6	29.78	-14	61	59	-4	SW	6	0	2	66	61	-	
Skagen (The Skaw)	29.89	64	Z	0	6	29.81	-10	61	59	-3	W	2	0	1	73	67	-	
Fanø	29.89	61	Z	0	6	29.90	+02	63	61	-1	WSW	2	0	*	75	55	-	
Cuxhaven	29.93	69	N	2	6	30.00	+10	65	63	-1	WNW	2	0	*	70	62	-	
† Sumburgh Head	29.62	53	S	2	2	29.59	-06	53	53	-3	WNW	3	0	2	59	49	0.16	
† Stornoway	29.57	53	SSW	5	1	29.60	-08	51	50	-4	SSW	3	0	2	57	44	0.20	
Wick	29.62	58	W	1	60	29.66	+04	55	51	-3	W	2	60	0	63	50	-	
Nairn	29.65	58	W	3	0	29.70	-01	55	52	-3	SW	2	60	1	69	52	-	
† Aberdeen	29.70	60	S	1	op	29.73	-05	61	56	-1	S	1	0	1	64	56	0.01	
Leith	29.75	64	WSW	3	0	29.78	-04	58	54	-1	WSW	1	0	*	66	56	-	
† Shields	29.85	62	SW	2	0	29.85	-05	62	59	+5	SW	3	0	2	67	55	-	
Spurn Head	29.94	64	W	3	60	29.95	-01	61	58	+3	WSW	3	60	2	68	58	-	
York	29.91	63	W	1	0	29.92	-03	60	57	+3	S	2	0	*	67	54	-	
Loughborough	29.96	64	WSW	2	0	29.98	-01	62	59	+3	SW	2	0	*	69	56	-	
† Ardrossan	29.75	58	S	3	1	29.77	-07	55	55	-2	SSW	2	dp	2	60	54	0.07	
Malin Head	29.64	57	SSW	4	0	29.71	-08	53	50	-4	SSW	3	0	3	60	52	0.04	
† Mullaghmore	29.73	58	SSW	5	on	29.69	-12	60	59	+3	SSW	4	1	3	60	56	0.35	
Belmullet	29.70	59	SW	5	on	29.65	-13	60	60	+2	SW	5	on	*	60	53	0.44	
Donaghadee	29.80	61	WSW	4	0	29.78	-09	58	58	0	WSW	4	1	2	67	55	0.06	
Barrow-in-Furness	29.89	60	SW	4	60	29.87	-06	60	59	+1	SW	6	0	*	63	58	-	
Liverpool (Bidston)	29.92	61	SW	3	60	29.92	-04	63	58	+3	SSW	3	0	3	67	58	-	
† Holyhead	29.89	59	SSW	5	eqm	29.89	-06	60	59	+1	SSW	5	eqm	4	62	57	-	
Parsonstown	29.86	63	WSW	2	0	29.80	-13	63	60	+5	SW	2	0	*	66	57	-	
Valencia	29.81	60	SSW	5	om	29.84	-12	61	60	+2	SSW	6	om	6	63	58	-	
Roche's Point	29.96	61	WSW	4	0	29.90	-07	60	60	0	SW	5	nm	4	65	57	-	
Pembroke	29.99	60	SW	4	0	30.00	-01	61	59	+2	SW	4	eq	4	61	58	0.04	
† Scilly	30.06	62	WSW	4	0	30.07	+01	64	61	+3	SW	4	0	4	67	59	-	
Prawle Point	30.07	60	W	3	0	30.11	+05	60	60	0	SW	3	om	3	64	57	-	
Hurst Castle	30.05	64	W	4	0	30.10	+07	63	61	+3	WSW	4	60	1	71	59	-	
† Dungeness	29.95	66	WNW	4	60	30.08	+14	63	59	+2	WNW	4	60	3	71	54	-	
London	30.00	64	W	2	60	30.07	+08	64	59	+3	W	1	0	*	75	55	-	
Oxford	30.03	58	W	2	60	30.05	+03	62	58	+4	SW	3	60	*	70	55	-	
Cambridge	29.98	63	N	1	0	30.03	+04	62	59	+1	SW	1	0	*	75	52	-	
Yarmouth	29.97	63	NE	1	6	30.00	+06	60	57	-1	WSW	3	60	2	66	54	-	
The Helder	29.97	61	W	1	0	30.01	+13	64	60	-3	WSW	1	60	2	70	61	-	
Cape Gris Nez	29.95	64	W	5	m	30.06	+14	61	60	+2	W	4	0	3	70	59	0.08	
† Jersey	30.10	62	W	3	6	30.15	+08	61	59	+1	WSW	4	0	3	66	58	-	
Brest	30.15	63	W	4	0	30.17	+02	61	60	+1	W	4	0	3	68	55	-	
Lorient	30.15	63	WNW	5	60	30.19	+06	63	60	+4	WSW	3	0	2	70	54	-	
† Rochefort	30.18	66	W	7	6	30.24	+11	62	61	-1	W	4	0	2	70	57	-	
Biarritz	30.19	67	W	4	0	30.20	+08	64	61	-3	ENE	3	0	2	70	61	-	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	30.10	+20	59	57	-2	SW	1	0	*	68	57	-	
Batavia	?	67	W	1	0	?	?	65	63	+14	E	1	0	*	73	71	0.87	
Paris	30.01	70	WNW	4	6	30.17	+16	56	55	-4	WNW	3	0	*	75	53	-	
Lyons	29.97	66	WNW	4	0	30.09	+15	63	60	0	WNW	3	0	*	74	62	0.04	
Nice	29.80	71	WSW	1	0	29.84	+4	67	63	-4	Z	0	6	1	77	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).

Printed by H. K. G. & Co. Ltd. London

WEATHER

CHARTS

for 8 a.m. on *Thursday, 26th August*

1886.

BAROMETER, WIND & SEA.

(Explanation of Map)

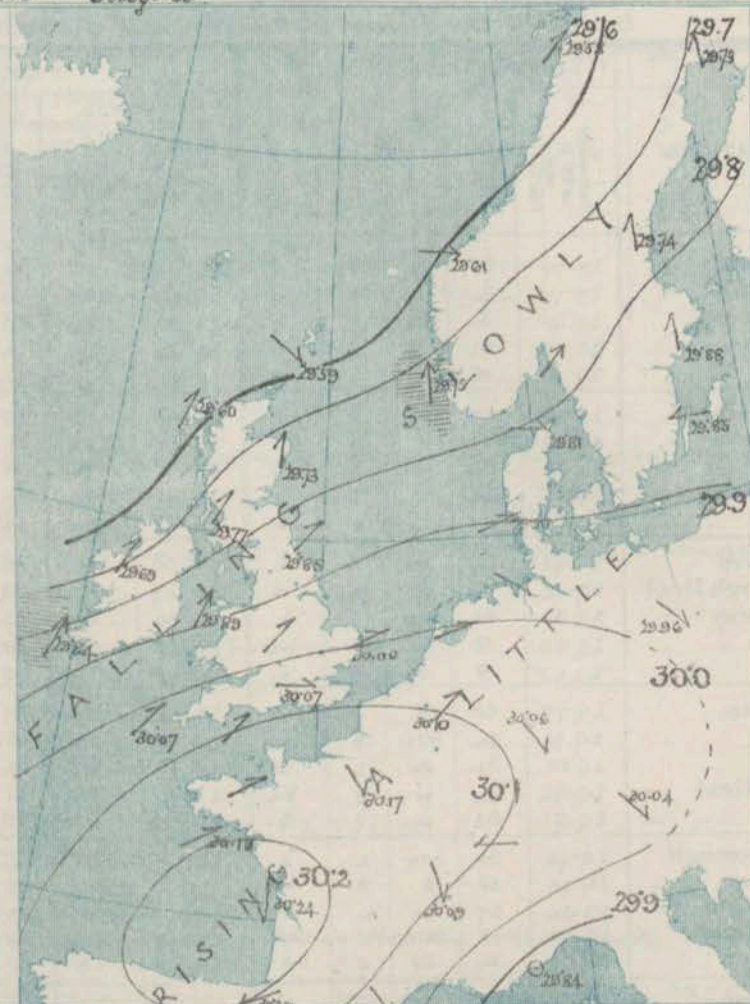
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
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

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.925



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 IN SHADE, AND RAINFALL.

for the month of *August*

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.07
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	63.9	59.8	57.3	2.33
Cambridge	71.9	62.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85



REMARKS.

for Thursday 26th August 1886 at 8 a.m.

An anticyclone still lies over France and the south of England, but the second high pressure system recently noticed over the Gulf of Bothnia has entirely disappeared. In the meantime the eastern edges of depressions continue to pass in a NE^{ly} direction along our extreme western and northern coasts, and the barometer is falling at all our western and northern, as well as at the Scandinavian stations. Moderate or fresh SW^{ly} breezes prevail over the greater part of Western Europe, but in the east and south of France the wind draws into NW. or N. The weather is rainy in Ireland and the west of Norway, but fair or fine elsewhere. Since yesterday 0.7 in. of rain has fallen at Belmullet. Temperature has fallen a little at our northern and some of the French stations, but risen elsewhere; readings over our Islands now range from 64° at Scilly and in London to 51° at Stromway. The highest maximum registered yesterday was 75° in London and at Cambridge. The sea is rough at Valencia, but moderate to smooth elsewhere.

During the disappearance of the northern high pressure system, the depressions now arriving off our western coasts are likely to take a somewhat more easterly course than of late. Unsettled rainy weather will probably extend over our more northern districts, but in the south conditions are not likely to be affected at present.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 23rd inst. in Lat: 42° N Long: 65° W the barometer at 11 pm fell to 29.6 in. during a strong gale in which the wind shifted from SE. to W.

FORECASTS

for the 24 hours ending at NOON on 27th AUGUST 1886.
(Issued at 11 a.m. on the previous day.)

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

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

	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes	29.82	59	58	S	6	f	4	Holyhead	29.95	60	58	SEW	4	c q	2
Sumburgh Head	29.68	55	53	S	3	0	3	Valencia	29.95	61	60	SEW	5	o q	5
Sternoway	29.66	54	52	SSW	4	d	4	Scilly	30.07	64	60	NSW	3	o	4
Aberdeen	29.75	62	58	S	2	0	1	Dungeness	29.96	64	60	W	1	m	1
Shields	29.87	65	57	WNW	3	0	2	London	30.00	75	63	WNW	3	b	*
Ardrossan	29.60	59	58	S	3	0	3	Yarmouth	29.97	65	62	NE	2	b	2
Malin Head	29.75	58	57	SW	3	0	3	Jersey	30.19	66	62	W	3	b	3
Mullaghmore	29.80	60	57	SW	5	o p	3	Rochefort	30.16	68	64	NW	7	o	2
Belmullet	29.78	59	56	SW	4	0	*								

REMARKS.

The barometer continues to fall slightly in the west and north and the SW winds have freshened a little in the N. of Ireland. Over England the barometer is still rising and the wind remains unchanged. Rain is falling at Sornoway and Mullaghmore, but in the east and south of England the weather is fine and bright. The sea is rather rough at Valencia.

CONTINENTAL INFORMATION.

The Continental Reports for yesterday showed that while areas of high pressure with readings exceeding 30.1 ins. were lying respectively over Spain and Northern Russia, some depressions were moving in a north-easterly direction to the northward of our Islands, and a large area of relatively low readings existed over Central and South-eastern Europe. Moderate SW^{ly} breezes prevailed in the west and north of the British Islands and NW^{ly} breezes in France, but elsewhere the wind was light and variable. The weather was fair or fine over the whole Continent. The highest temperatures were reported from the shores of the Mediterranean, but a second area of almost equally high readings existed over North Germany; the lowest temperatures were found over the northern parts of Scandinavia and Russia. The highest individual readings were 82° at Alicante and 79° at Cagliari; the lowest 50° at Uleaborg and 51° at Rode.

In the course of the day the thermometer rose to 75° in some parts of England, and at Paris, to 76° at Perpignan, to 77° at Kiev, and to 79° at Berlin and Wiesbaden.

DAILY WEATHER REPORT

for *Friday* 27th August 1886.

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

Issued by the Meteorological Office, No. 1, Victoria Street, S.W.																			
† 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 (p 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	29.54	56	S	2	n	29.24	-.49	56	53	- 2	NW	2	bc	•	63	52	0.39		
Hernösand	29.63	58	Z	0	o	29.54	-. 20	57	54	- 6	SEW	2	c	•	68	52	0.16		
Stockholm	29.83	65	SW	2	o	29.73	-. 15	61	58	- 2	SW	2	o	•	75	55	-		
Wisby	29.83	65	SSW	1	b	29.79	-.06	65	61	+ 1	W	4	e	•	75	55	-		
Bodö	29.52	52	WSW	6	c	29.52	-.06	50	48	- 3	SW	4	e	•	55	46	-		
Christiansund	29.64	53	SW	2	n	29.62	+ .01	53	48	- 2	SSW	4	b	4	54	46	0.51		
Skudesnæs	29.80	55	Z	0	n	29.86	+ .11	56	53	- 2	WNW	4	c	4	?	55	-		
Færder	29.78	61	WSW	6	o	29.69	-.09	60	69	- 1	WSW	4	e	2	63	59	-		
Skagen (The Skaw)	29.88	60	WSW	3	o	29.76	-.05	61	60	0	W	4	n	2	66	69	0.04		
Fanö	29.95	60	WSW	4	bc	29.93	+ .03	63	61	0	WSW	6	o	•	66	?	-		
Cuxhaven	30.07	67	W	1	o	30.07	+ .07	63	61	- 2	W	3	o	•	70	60	-		
†Sumburgh Head	29.69	52	SSW	4	bc	29.77	+ .18	53	50	0	W	4	n	4	56	47	0.13		
†Stornoway	29.71	56	SW	4	b	29.92	+ .32	53	50	+ 2	WSW	5	bc/p	4	58	48	0.16		
Wick	29.71	55	S	2	e	29.92	+ .26	56	51	+ 1	W	3	bc	1	59	46	-		
Nairn	29.77	53	Z	0	bc	29.93	+ .23	55	50	0	WSW	2	bc	1	60	49	0.01		
†Aberdeen	29.70	55	E	1	md	29.97	+ .24	56	52	+ 5	WSW	3	b	1	61	44	0.14		
Leith	29.70	62	W	2	o	30.03	+ .25	58	53	0	W	2	b	•	65	50	0.03		
†Shields	29.80	65	SW	6	c	30.06	+ .21	52	50	- 10	WSW	2	e	2	66	50	0.01		
Spurn Head	29.93	68	SW	4	bc	30.08	+ .13	63	62	+ 2	NW	2	cm	2	69	59	-		
York	29.92	71	SW	3	b	30.10	+ .18	61	57	+ 1	WNW	1	c	•	72	58	-		
Loughborough	29.99	68	WSW	3	b	30.16	+ .12	66	64	+ 4	W	2	o	•	73	58	-		
†Ardrossan	29.77	59	WNW	5	o	30.07	+ .30	57	56	+ 2	SSW	4	b	3	60	53	0.21		
Malin Head	29.82	55	WNW	4	c	30.06	+ .35	56	53	+ 3	SW	2	cm	3	61	52	0.17		
†Mullaghmore	29.88	57	WNW	5	c	30.06	+ .37	56	54	- 4	SW	1	e	1	63	55	0.19		
Belmullet	29.91	57	W	3	o	30.07	+ .42	55	53	- 5	SSE	1	c	•	60	50	0.06		
Donaghadee	29.83	62	W	2	n	30.09	+ .31	57	56	- 1	W	2	bc	0	68	48	0.16		
Barrow-in-Furness	29.85	63	SSW	3	c	30.06	+ .19	53	52	- 7	N	2	b	•	63	53	0.04		
Liverpool (Bidston)	29.91	65	SW	6	bc	30.10	+ .18	59	57	- 4	N	1	o	2	67	56	0.03		
†Holyhead	29.91	60	SSW	6	qm	30.10	+ .21	57	57	- 3	Z	0	e	0	64	56	0.05		
Parsonstown	29.90	62	W	1	c	30.08	+ .29	57	55	- 6	NE	1	o	•	67	48	0.03		
†Valentia	29.95	59	NW	2	oq/m	30.03	+ .19	60	60	- 1	E	1	of	1	65	55	0.12		
Roche's Point	29.92	63	WSW	5	n	30.04	+ .14	61	61	+ 1	SSE	2	f	4	64	56	0.01		
Pembroke	30.02	59	SSW	6	o	30.10	+ .10	60	60	- 1	SW	4	f	3	62	60	0.03		
†Scilly	30.11	64	SW	5	o	30.15	+ .08	63	63	- 1	SSW	4	f	4	68	61	-		
Prawle Point	30.14	61	WSW	4	c	30.19	+ .08	61	61	+ 1	WSW	2	f	3	66	59	0.05		
Hurst Castle	30.13	64	WSW	5	bc	30.18	+ .08	64	63	+ 1	WSW	4	o2m	2	68	61	0.01		
†Dungeness	30.09	63	W	5	e	30.15	+ .07	63	62	0	W	4	e	3	71	54	-		
†London	30.06	68	SW	2	bc	30.18	+ .11	64	62	0	NW	1	og	•	73	57	-		
Oxford	30.09	63	WSW	2	bc	30.14	+ .09	65	63	+ 3	SW	1	o	•	71	60	-		
Cambridge	30.06	63	W	1	b	30.14	+ .11	65	64	+ 4	SW	1	o	•	75	55	-		
†Yarmouth	30.02	72	WSW	2	b	30.10	+ .10	65	62	+ 5	W	2	b	2	74	56	-		
The Helder																			
Cape Gris Nez	30.10	62	WSW	7	bc	?	?	62	62	+ 1	WSW	4	bc	3	66	61	-		
†Jersey	30.17	64	SW	3	b	30.21	+ .06	61	61	0	WSW	2	o	2	66	58	0.02		
Brest	30.19	63	SW	3	bc	30.22	+ .05	62	62	+ 1	SW	3	o	2	66	61	-		
Lorient	30.23	68	W	3	c	30.25	+ .06	61	60	- 2	E/NE	1	o	2	75	55	-		
†Rochefort	30.25	68	NW	5	b	30.18	-.06	62	59	0	NE	4	b	2	73	55	-		
Biarritz	30.21	69	N	5	b	30.17	-.03	63	61	- 1	ESE	3	b	1	72	59	-		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	30.18	+ .08	60	59	+ 1	WSW	3	o	•	69	58	-		
Belfort	30.26	66	W	2	c	?	?	63	63	- 2	W	3	o	•	71	54	-		
Paris	30.19	65	NW	1	c	30.25	+ .08	56	55	0	S	1	o	•	71	50	-		
Lyon	30.16	68	WNW	3	b	30.15	+ .06	60	58	- 3	N	3	o	•	72	59	-		
Nice	29.88	74	N/NE	1	b	29.95	+ .11	74	62	+ 7	E	1	b	•	79	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 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 Friday

27th August, 1886.

BAROMETER, WIND & SEA.

(Explanation of Map)

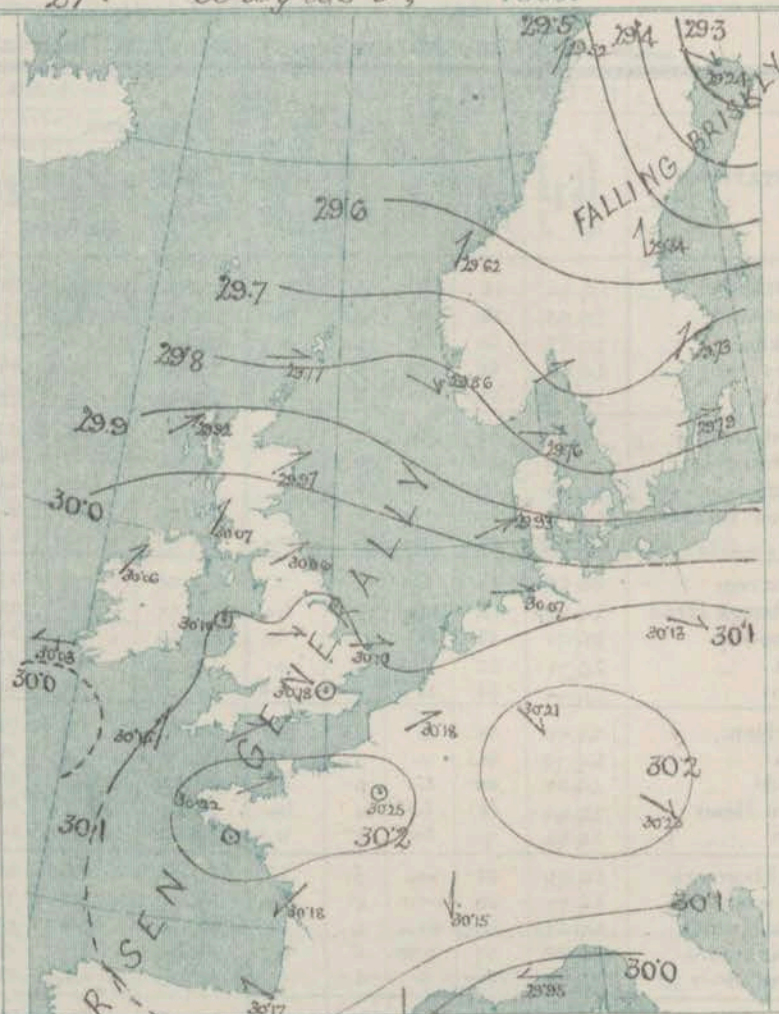
Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—
 — = forces above 10, — = forces 8 to 10,
 — = forces 5 to 7, — = forces 1 to 4,
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

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.820
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.920
Yarmouth	29.928



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 IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average.	At 8 a.m.	
			Dry.	Wet.	
Sumburgh Head	55.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.0	53.6	2.35
Nairn	63.6	50.6	57.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.8	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.39
Cambridge	71.0	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1865—85.



1886 at 8 a.m.

1. On the 23rd Inst. in Lat: 44° N. Long: 62° W. the bar: at 4 pm fell to 29.7 ins: during a strong gale in which the wind veered from S. to NW.
2. On the 24th Inst. in Lat: 42° N. Long: 63° W " " " " 29.8 " " " " " " SW to NW.

On the 25th Inst. a derelict ship was seen in Lat: 40° N. Long: 70° W.

for the 24 hours ending at NOON on 28th AUGUST 1886.
(Issued at 11 a.m. on the previous day.)

Freddie Dangersveld, Lark London, (43).

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.77	60	59	S	6	0	5	Holyhead	29.89	63	61	SSW	5	bcy	4
Sumburgh Head	29.69	56	52	W	4	C	3	Valencia	29.88	64	64	SW	7	om	6
Stornoway	29.68	58	54	SSW	4	h	3	Seilly	30.10	65	63	SW	5	0	5
Aberdeen	29.73	58	56	S	1	h	1	Dungeness	30.08	66	64	W	5	6	4
Shields	29.81	66	60	SW	4	h	2	London	30.07	74	63	W	3	bc	#
Ardrossan	29.69	59	59	SW	5	h	4	Yarmouth	30.02	72	63	WSW	2	6	2
Malin Head	29.74	56	53	WNW	4	0	3	Jersey	30.17	66	62	WSW	3	c	3
Mullaghmore	29.75	58	57	WNW	5	om	4	Rochefort	30.27	72	64	W	4	6	2
Belmullet	29.79	57	55	W	3	0	#								

REMARKS.

The barometer is now rising at all stations excepting Aberdeen and Shields and the wind in the north of Ireland has veered to the NW⁴. Elsewhere SW breezes continue and at Valencia a moderate SW gale is reported. Rain is falling at Aberdeen and passing showers at Stornoway, but over England the weather remains fine. The sea is rough on our extreme SW. coasts, but moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

The Continental reports for yesterday showed that the anticyclonic systems which lay over Spain and Northern Russia on Wednesday had both moved eastwards, and while the former had disappeared from our area, the latter had extended itself over the greater part of France. A series of depressions was, however, still travelling along in a north-easterly direction to the northward of the British Islands. The wind was SW² over the greater part of the Islands and Scandinavia, and NW² or N² in Germany and France, but over Eastern and Southern Europe light variable airs were reported. Rain was falling in Ireland and Norway and also at Pesaro, but elsewhere the weather though locally dull, was upon the whole fair. Temperature had risen a little over Northwestern Europe, but elsewhere it was scarcely changed, and its general distribution was therefore very similar to that of Wednesday. The highest individual readings were 80° at Barcelona, 79° at Cagliari, and 77° at Brindisi, the lowest 51° at Stornoway and 52° at Archangel.

During the day the thermometer rose to 79° at Wiesbaden and Nice and 81° at Berlin, but over England it did not exceed 75°.

DAILY WEATHER REPORT

for Saturday 28th August 1886.

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	29.30	51	W	2	0	29.36	+ .12	48	45	- 8	NW	4	0	•	63	?	-	
Hernösand	29.60	51	NW	2	b	29.67	+ .13	52	45	- 5	NW	8	6	•	64	50	-	
Stockholm	29.69	59	SW	2	bc	29.86	+ .13	54	46	- 7	NW	4	6	•	68	32	0.04	
Wisby	29.75	64	NW	6	bc	29.86	+ .07	59	52	- 6	NW	6	6	•	70	?	0.04	
Bodö	29.43	49	SW	6	r	29.60	+ .08	48	47	- 2	WNW	5	c	3	62	43	0.39	
Christiansund	29.65	50	WSW	9	r	29.96	+ .34	50	46	- 8	WSW	6	c	5	3	45	-	
Skudesnaes	30.04	52	NW	4	0	30.12	+ .26	56	51	0	NW	2	0	3	2	52	-	
Færder	29.85	60	NW	8	b	30.03	+ .34	56	50	- 4	NW	6	6	3	66	58	-	
Skagen (The Skaw)	29.95	57	W	6	b	30.05	+ .29	57	51	- 4	NW	4	6	2	66	54	-	
Fanø	30.16	52	NW	4	b	30.17	+ .24	61	54	- 2	NW	4	6	•	66	50	-	
Cuxhaven	30.16	64	NW	2	0	30.23	+ .16	59	58	- 4	S	•	6	•	66	57	-	
Sumburgh Head	29.95	52	W	5	bc	30.00	+ .23	52	51	- 1	SE	2	0	3	56	45	-	
Stornoway	30.04	56	WSW	3	cg	29.84	- .08	53	52	0	SE	3	2	3	58	48	0.07	
Wick	30.06	50	NW	1	bc	29.90	- .02	54	54	- 2	S	1	•	0	62	48	0.20	
Nairn	30.07	59	SW	2	c	29.92	- .01	54	53	- 1	W	0	n	1	62	52	0.03	
Aberdeen	30.08	60	NW	1	bc	29.94	- .00	58	55	+ 2	SSW	3	c	n	64	52	-	
Leith	30.09	61	NW	1	c	29.98	- .05	57	56	- 1	ENE	1	c	•	65	51	-	
Shields	30.11	56	E	2	bc	30.04	- .02	63	61	+ 11	SSW	2	om	2	66	51	-	
Spurn Head	30.13	58	ESE	3	c	30.10	+ .02	63	62	0	ESE	1	bc	2	64	57	-	
York	30.13	63	SE	1	0	30.09	- .01	65	63	+ 4	S	1	c	•	69	56	-	
Loughborough	30.12	67	W	0	c	30.10	- .06	66	65	0	SSE	1	cm	•	69	62	0.05	
Ardrossan	30.07	59	W	0	b	29.96	- .11	61	60	+ 4	SSW	3	0	2	62	53	0.03	
Malin Head	29.99	57	E	3	om	29.82	- .14	63	62	+ 7	S	5	bc	4	63	56	0.04	
Mullaghmore	29.98	61	ESE	5	og	29.83	- .13	65	61	+ 9	S	6	cv	5	66	55	0.10	
Belmullet	29.94	62	SSW	4	0	29.79	- .18	60	60	+ 5	SSW	9	0	•	65	55	0.07	
Donaghadee	30.09	56	S	1	c	29.94	- .12	60	60	+ 3	SW	4	0	2	61	54	0.23	
Barrow-in-Furness	30.09	60	SW	3	0	30.06	- .00	63	62	+ 10	SSE	1	c	•	63	53	0.04	
Liverpool (Bidston)	30.10	62	E	1	0	30.06	- .04	67	63	+ 8	SSE	1	c	2	67	59	-	
Holyhead	30.09	60	SSW	1	f	30.05	- .05	60	60	+ 3	S	4	mq	2	63	57	-	
Parsonstown	30.01	68	W	0	0	29.95	- .13	64	60	+ 7	S	1	og	•	68	56	-	
Valencia	29.99	64	S	6	rm	29.90	- .13	61	60	+ 1	SSE	8	rm	6	67	59	0.38	
Roche's Point	30.07	62	S	2	f	30.02	- .02	61	59	0	SSW	4	c	4	63	58	-	
Pembroke	30.13	61	SSW	1	f	30.07	- .03	60	60	0	SSW	1	og	2	62	59	0.01	
Scilly	30.14	64	SSW	2	om	30.12	- .02	60	60	- 1	W	0	f	1	64	57	0.05	
Prawle Point	30.17	62	WSW	2	f	30.12	- .07	60	60	- 1	W	0	f	1	64	57	0.05	
Hurst Castle	30.17	65	WSW	4	b	30.13	- .05	64	61	0	SSW	2	c	1	70	60	0.01	
Dungeness	30.14	63	W	3	c	30.10	- .05	60	60	- 3	SSW	1	f	1	65	57	-	
London	30.14	71	S	2	bc	30.14	- .04	67	62	+ 3	ESE	2	bc	•	77	58	-	
Oxford	30.15	68	W	0	c	30.12	- .02	63	60	- 2	SSE	3	c	•	77	58	-	
Cambridge	30.16	68	W	1	c	30.12	- .02	65	64	- 1	W	0	c	•	77	57	-	
Yarmouth	30.14	65	SE	1	b	30.13	+ .03	66	64	+ 1	S	2	b	2	71	62	-	
The Helder	30.17	64	W	1	c	30.16	?	65	63	0	S	1	c	1	68	63	-	
Cape Gris Nez	30.16	63	WSW	1	m	30.14	?	62	62	0	W	0	m	0	66	61	-	
Jersey	30.18	66	W	0	b	30.11	- .10	63	62	+ 2	ENE	2	bm	2	67	57	0.01	
Brest	30.17	63	NW	3	bc	30.08	- .14	60	58	- 2	SSW	3	b	2	68	57	-	
Lorient	30.18	66	NW	1	b	30.09	- .16	59	57	- 2	E	4	b	2	77	54	-	
Rochefort	30.15	72	NW	4	b	30.08	- .10	63	61	+ 1	ENE	4	b	2	82	57	-	
Biarritz	30.06	70	N	3	b	30.02	- .15	66	63	+ 3	SSE	3	b	1	73	63	-	
Corunna	*	*	*	*	*	29.99	- .11	64	61	+ 1	ENE	1	b	4	84	57	-	
Brussels	*	*	*	*	*	30.16	- .02	61	59	+ 1	E	1	b	•	68	57	-	
Belfort	30.27	68	E	4	b	30.22	?	66	64	+ 3	E	3	b	•	73	56	-	
Paris	30.17	67	NW	1	b	30.14	- .11	56	56	0	N	1	b	•	73	63	-	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Nice	29.97	77	NE	1	bc	30.01	+ .06	74	62	0	ENE	3	b	0	86	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).

WEATHER CHARTS

for 8 a.m. on

Saturday 28th August

1886.

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.

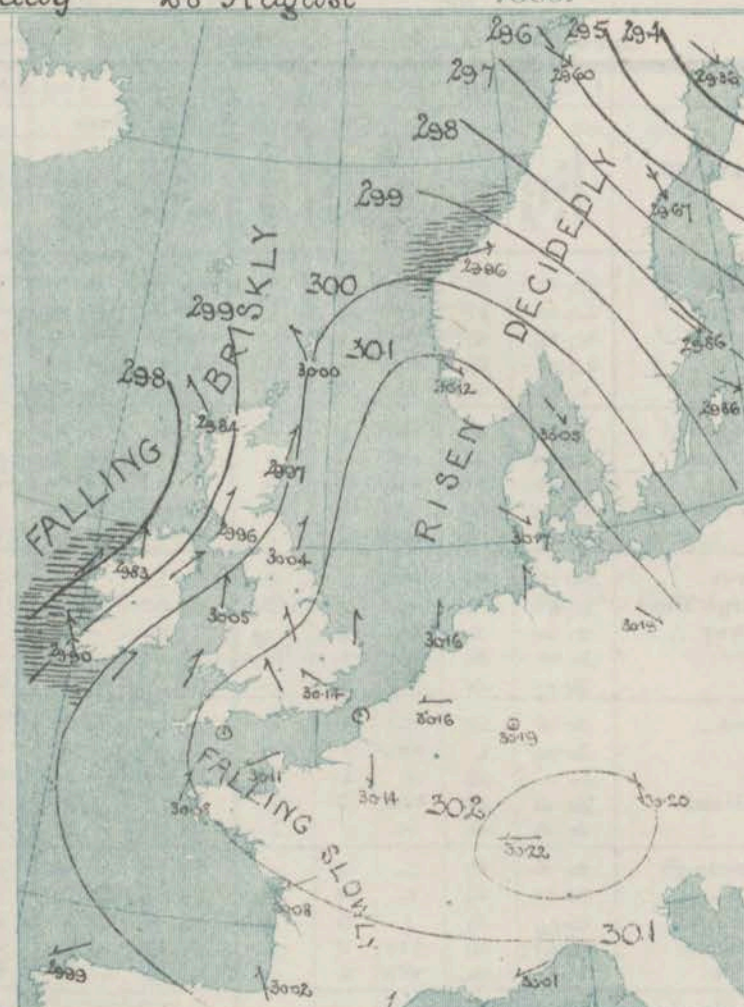
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.820
Aberdeen	29.845
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



REMARKS.

for

Saturday 28th August 1886 at 8 a.m.

The anticyclone which lay over our southern stations yesterday has moved eastwards, a depression has appeared off our extreme western coasts, and the barometer is now falling in all parts of our islands and France. In Scandinavia and Denmark, however, the barometer is rising decidedly. The wind has backed to the S^W or SE^W over the whole of the United Kingdom, and in the west of Ireland it has increased to the force of a gale. On the eastern shores of the North Sea, however, NW breezes are general, while in the west of France the wind is E^W. Rain is falling in the north of Scotland and also at Boleacia, but elsewhere the weather is fair or fine. Since yesterday morning rain has fallen at many of our western stations, but in most cases the amounts have been slight. Temperature has risen a little over the greater part of our islands but fallen elsewhere; readings now range from 67° at Liverpool and in London to 52° in the Shetlands. The highest maximum registered yesterday was 77° at Offord, Cambridge and in London. The sea is rough off the west of Ireland, but moderate to smooth elsewhere.

The depression off our western coasts will probably move northwards and the weather over England seems likely to remain fair for a time.

FORECASTS

for the 24 hours ending at NOON on 29th August 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SE ^{ly} and S ^{ly} winds, increasing in force; unsettled rain at times.	6 { SCOTLAND WEST	Same as N ^o 1.
1 { SCOTLAND EAST	S ^{ly} winds, freshening; fair to unsettled and some rain.	7 { ENGLAND N. W.	Same as N ^o 1.
2 { ENGLAND N. E.	----- D ^o ----- D ^o -----	8 { ENGLAND S. W.	S ^{ly} and SE ^{ly} winds, moderate; fair generally, but cloudy.
3 { ENGLAND EAST	Same as N ^o 5.	9 { IRELAND NORTH	S ^{ly} and SW ^{ly} winds, strong; unsettled, rain at times.
4 { MIDLAND COUNTIES	Same as N ^o 5.	10 { IRELAND SOUTH	----- D ^o ----- D ^o -----
5 { ENGLAND SOUTH	SE ^{ly} winds, moderate; fair generally.	WARNINGS	None issued.

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes	29.96	60	53	W.N.W.	6	c	4	Holyhead	30.11	61	60	2	0	0 m	0
Sumburgh Head	29.89	55	51	W	5	b	4	Valencia	30.02	65	64	S	6	c	6
Stornoway	30.02	57	51	W.S.W.	5	o qf	4	Scilly	30.26	69	66	SSW	3	0	4
Aberdeen	30.06	63	55	W.N.W.	1	c	1	Dungeness	30.16	64	64	W	3	c	3
Shields	30.11	60	55	E	2	b	2	London	30.17	74	68	W.S.W.	3	c	*
Ardrossan	30.10	59	57	SE	3	o	2	Yarmouth	30.14	71	61	N.W.	1	b c	2
Malin Head	30.05	59	55	E.N.E.	2	o	2	Jersey	30.21	66	63	SW	2	o	2
Mullaghmore	30.05	63	56	SE	4	c	3	Rocheport	30.23	75	65	N.W.	4	b	2
Belmullet	30.02	64	56	E	2	c	*								

REMARKS.

The small depression noticed this morning in the S.W. appears to be moving away to the N.W. of Ireland and the barometer is falling at our extreme W. stations, while the wind at Valencia has increased from the S.W. Over Gt. Britain the barometer continues to rise. Fair weather is reported generally. The sea is rough at Valencia, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

The Continental Reports for yesterday showed that the anticyclone which lay over France on Thursday had extended eastwards over the greater part of Germany. The lowest pressures were found in a small depression lying over the north of Sweden, but relatively low readings were reported over South-eastern Europe. Moderate breezes from between S.W. and W. prevailed over all the northern part of Europe, but in the more central and some of the southern countries the wind drew into N.W., while in Spain and Algeria it was N.E. or E. Rain was falling over Northern Russia and also at Casars, but elsewhere the weather was generally fine. Temperature had fallen a little over Northern Europe, but had not changed much in the south. The highest individual readings were 84° at Alicante, 79° at Oporto, and 77° at Barcelona, Palma, and Brindisi; the lowest 50° at Bodo and Archangel, 52° at Shields and 53° at Christiansund, Sumburgh Hd., and Stornoway.

In the course of the day the thermometer rose to 82° at Rocheport and 80° at Nice and Perpignan, but over our Islands the highest reading was 77° at Oxford, Cambridge and in London.

DAILY WEATHER REPORT

for *Sunday* — 29th August 1886.

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

Issued by the Meteorological Office, No. 1, Whitehall, London, W.C.2.																		
† YESTERDAY EVENING.										8 A.M. TO DAY.							PAST 24 HOURS.	
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.		
Haparanda	29.64	43	NW	2	b	29.78	+ .12	48	44	0	N	2	b	•	59	43	—	
Hernösand	29.96	51	NNW	4	b	29.97	+ .30	50	46	— 2	Z	0	b	•	64	45	—	
Stockholm	30.02	56	S	2	b	30.03	+ .17	59	55	+ 3	S	2	bc	•	64	50	—	
Wisby	29.99	61	WSW	4	o	30.02	+ .16	63	55	+ 4	W	2	c	•	66	57	—	
Bodö	29.80	48	W	4	c	29.77	+ .17	47	45	— 1	SW	4	r	2	48	45	0.12	
Christiansund	29.99	51	SW	3	c	29.70	— .26	50	48	0	ESE	2	r	3	52	45	0.04	
† Skudesnaes	30.04	54	SSE	6	r	29.89	— .23	58	58	+ 2	S	6	o	4	?	?	—	
† Færdar	30.04	60	SW	4	b	29.97	— .06	59	58	+ 3	S	6	o	3	61	?	—	
Skagen (The Skaw)	30.10	58	W	2	c	30.02	— .03	59	56	+ 2	SE	3	o	2	63	53	0.04	
Fanö	30.13	57	Z	0	b	30.08	— .05	63	59	+ 2	S	4	b	•	64	52	—	
Cuxhaven	30.21	64	S	1	b	30.14	— .07	61	60	+ 2	S	2	b	•	65	59	—	
† Sumburgh Head	29.78	55	SE	2	m	29.69	— .31	53	52	+ 1	SW	2	o	3	58	50	0.06	
† Stornoway	29.71	58	SSW	5	c	29.63	— .21	56	56	+ 3	SSW	6	dg	6	61	51	0.13	
Wick	29.74	59	S	1	o	29.72	— .18	59	56	+ 5	SSW	3	bc	1	64	54	0.10	
Nairn	29.77	67	SW	2	bc	29.75	— .17	62	56	+ 8	SW	3	bc	1	68	54	0.03	
† Aberdeen	29.85	66	SSW	1	c	29.82	— .15	64	58	+ 6	SSW	6	dg	1	69	55	—	
Leith	29.87	69	W	1	c	29.88	— .10	63	58	+ 6	WSW	2	b	•	75	56	—	
† Shields	29.94	72	SW	2	c	29.94	— .10	63	60	0	S	2	o	2	75	56	—	
Spurn Head	30.00	63	SSE	3	b	30.02	— .08	63	60	0	SW	1	b	2	67	58	—	
York	29.97	72	S	1	bc	30.01	— .08	60	57	— 5	SSW	2	b	•	78	54	—	
Loughborough	30.00	72	SSW	2	bc	30.04	+ .06	61	58	— 5	WNW	1	bm	•	79	52	—	
† Ardrossan	29.88	60	SSW	3	r	29.89	— .07	59	58	— 2	S	5	b	4	63	57	0.05	
Malin Head	29.89	59	W	5	r	29.82	— .07	59	57	— 4	SSW	4	cm	3	66	54	0.01	
† Mullaghmore	29.84	62	WSW	5	bc	29.86	+ .03	60	56	— 5	S	5	c	4	66	58	—	
Belmullet	29.83	60	SW	3	b	29.85	+ .06	60	57	0	SW	5	og	•	68	58	0.04	
Donaghadee	29.91	61	SSW	5	o	29.92	— .05	60	59	0	WSW	3	b	1	66	53	0.02	
Barrow-in-Furness	30.00	64	SW	2	b	30.00	— .06	60	60	— 3	S	3	df	•	66	59	0.05	
Liverpool (Bidston)	29.99	65	WSW	2	b	30.01	— .05	62	58	— 5	SE	1	o	2	75	57	—	
† Holyhead	29.98	61	SSW	4	cg	30.00	— .05	59	59	— 1	SSW	3	f	2	65	59	—	
Parsonstown	29.92	61	WSW	1	c	29.95	— .03	61	58	— 3	S	1	bc	•	66	51	0.07	
† Valencia	29.93	61	SSW	3	cm	29.96	+ .06	58	57	— 3	SE	4	c	3	64	57	0.12	
Roche's Point	30.03	62	SSW	4	r	29.97	— .05	60	59	— 1	SW	2	c	3	64	58	0.06	
Pembroke	30.02	62	SSW	2	c	30.03	— .04	59	59	—	SSW	2	of	1	63	57	—	
† Scilly	30.06	61	SE	1	b	30.06	— .06	64	59	+ 4	E	1	bur	1	67	53	—	
Prawle Point	30.06	61	SE	1	b	30.06	— .06	64	59	+ 4	E	1	bur	1	67	53	—	
Hurst Castle	30.05	67	SE	2	b	30.07	— .06	59	57	— 5	NNE	1	bur	0	69	50	—	
† Dungeness	30.03	64	SE	2	b	30.02	— .08	60	59	0	N	1	b	1	68	49	—	
† London	30.03	70	SE	2	b	30.06	— .08	56	56	— 11	Z	0	fw	•	76	52	—	
Oxford	30.05	64	S	1	b	30.06	— .06	61	59	— 2	Z	0	bfw	•	78	51	—	
Cambridge	30.04	67	S	1	bc	30.06	— .06	61	60	— 4	S	1	b	•	75	49	—	
† Yarmouth	30.07	64	SSE	2	b	30.03	— .10	62	60	— 4	WNW	1	bm	2	67	54	—	
The Helder	30.09	67	E	1	b	30.04	— .12	66	64	+ 1	ESE	1	b	1	72	63	—	
Cape Gris Nez	30.03	63	NE	4	m	30.02	— .12	63	62	+ 1	E	1	m	0	72	59	—	
† Jersey	30.02	67	NNE	2	bm	30.03	— .08	65	62	+ 2	ENE	2	bm	2	73	59	—	
Brest	30.02	70	NNE	3	b	30.01	— .07	60	59	0	SSE	3	b	4	75	58	—	
Lorient	30.02	69	W	1	b	30.01	— .08	64	60	+ 5	NE	1	b	2	81	55	—	
† Rochefort	30.01	72	N	3	b	30.04	— .04	66	64	+ 3	ESE	3	b	1	86	60	—	
Biarritz	29.94	74	WSW	4	b	29.99	— .03	68	57	+ 2	Z	0	o	0	82	66	—	
Corunna	*	*	*	*	*	29.99	— .00	63	62	— 1	WSW	1	f	4	75	59	—	
Brussels	*	*	*	*	*	30.05	— .11	68	64	+ 7	ESE	1	b	•	78	57	—	
Belfort	?	75	E	4	b	?	?	69	66	+ 3	E	1	b	•	76	59	—	
Paris	30.04	74	NNE	1	b	30.05	— .09	62	62	+ 6	WSW	1	b	•	81	62	—	
Lyons	29.99	76	NE	1	b	30.08	— .01	65	62	+ 3	ESE	1	b	•	82	62	—	
Nice	29.97	81	W	2	bc	30.05	+ .04	77	65	+ 3	Z	0	b	0	88	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).

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

WEATHER CHARTS

for 8 a.m. on Sunday 29th August 1886.

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.

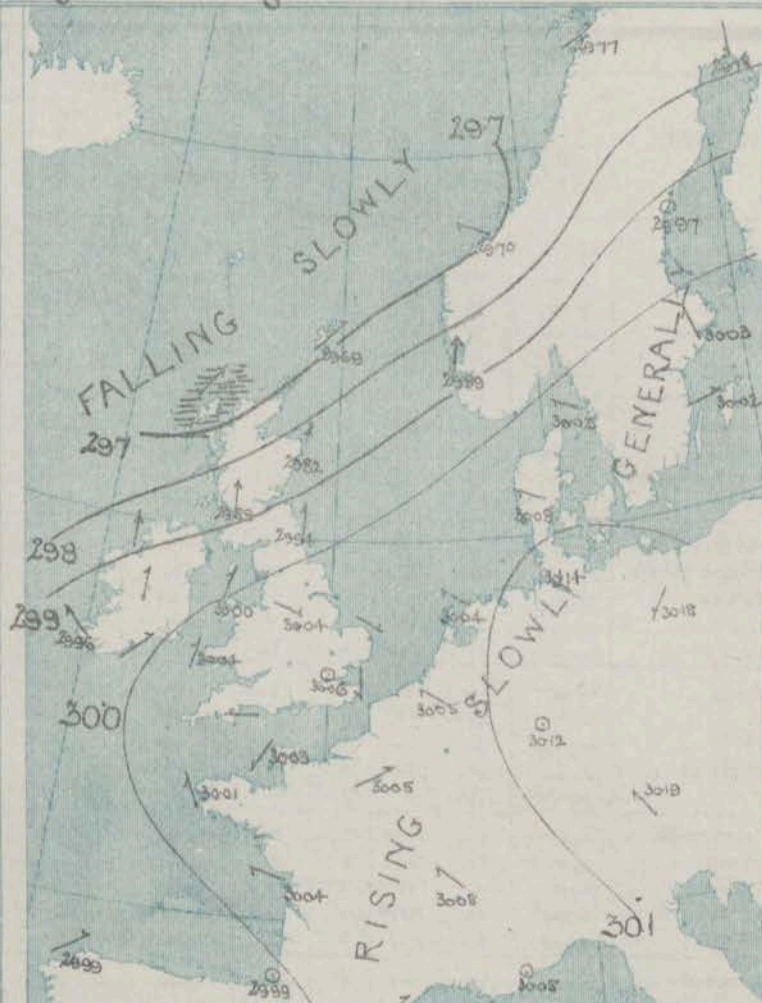
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	in.
Sumburgh Head.	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point.	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.925



REMARKS.

for Sunday 29th August 1886 at 8 a.m.

Barometric pressure is still highest over Germany, France and England, where the readings vary in value from 30.0 ins. to 30.2 ins.; but is lowest to the northward of our Islands, in which neighbourhood there appears to be a depression moving steadily to the northward. The Sth gales and strong winds noticed in Ireland yesterday have lulled and the winds are now only fresh to strong from SW. on our north and north-west coasts, light and variable (chiefly from the Eastward elsewhere). Temperature varies from 77° at Nice and about 60° to 63° over England to 56° at Rosoway and to 47° at Bodo. It was as high as 75° to 79° over England yesterday afternoon and exceeded 80° over the greater part of France. Rain has fallen in the west and north and the sky remains cloudy in those districts still. Over England, France, and Germany, the weather is fine and bright, but fog is reported locally in London, where the temperature is about 5° lower than at surrounding stations. The sea is smooth except in the extreme west and north-west.

ATLANTIC TELEGRAM.

The Chief Signal Officer, Washington U.S. reports that on

August 25th in Lat. 40° N. Long 67° W. the barometer fell to 29.5 ins. at 11 a.m. during a heavy gale in which the wind shifted from E. to NW.

FORECASTS

for the 24 hours ending at NOON on 30th August 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	None issued	6 { SCOTLAND WEST	None issued
7 { SCOTLAND EAST		7 { ENGLAND N. W.	
2 { ENGLAND N. E.		8 { ENGLAND S. W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	None issued

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes	30.10	57	57	SSE	4	r	Holyhead	30.02	63	61	SEW	4	cmy	3
Sumburgh Head	29.86	53	53	SE	4	0	Valencia	29.93	63	61	S	5	0	5
Stornoway	29.74	60	59	S	6	29	Scilly							
Aberdeen	29.90	67	62	S	4	bc	Dungeness	30.08	68	66	E	1	m	1
Shields	29.98	75	65	SW	3	0	London	30.09	73	64	SSE	3	b	*
Arctonnan	29.97	62	60	SSW	3	0	Yarmouth	30.10	66	63	SSE	4	b	2
Malin Head	29.78	64	61	SSW	6	0	Jersey	30.06	72	66	W	0	b	0
Mullaghmore	29.83	64	60	SSW	6	0	Rocheport	30.05	75	70	W	3	bc	2
Belmullet	29.82	60	58	WSW	7	0								

REMARKS.

The barometer is now rising again in the west of Ireland, and the wind there has veered and subsided. Over Great Britain, however, the barometer still falls, and the wind remains moderate from the SE² or S². The weather is dull in the extreme west and north with drizzling rain at Stornoway. The sea is rather rough in the west, moderate to smooth elsewhere.

CONTINENTAL INFORMATION.

Yesterday morning Continental Reports showed that pressure was highest over Central and Western Europe—especially over Germany, where the maximum readings varied from 30.15 ins. to 30.22 ins. It was lowest over Finland (where the minimum readings were below 29 ins.), and was apparently low to the westward of our Islands also. Calms, variable air, and fine warm bright weather prevailed over Central and Western Europe, while cool and squally showery weather was experienced in the north. In the west of our Islands also the weather was dull and wet, but over England it was fine. Temperature varied from between 70° and 79° over the northern shore of the Mediterranean to a little below 50° in Lapland and Finland. The highest individual readings reported were 81° at Sfax (Algeria), 80° at Barcelona, 79° at Croissette, and 77° at Brindisi; the lowest 53° at Stornoway, 52° at Sumburgh Hd., and 48° at Rodi and Haparanda.

During the day the fine weather still held in most places, and the thermometer rose to 88° at Nice, 86° at Rochefort and to 82° at Lyons, Perpignan and Biarritz. In England it reached 79° at Loughborough, 76° in London, and 75° in some other places, but in the north-east of Scotland the maxima were all below 70°.

DAILY WEATHER REPORT

for Monday— 30th August 1886.

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 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	29.71	45	2	0	b		29.71	- 0.7	46	44	- 2	NE	2	b	•		55	34	-
Hernösand	29.66	51	2	0	o		29.73	- 2.4	51	50	+ 1	NE	0	o	•		55	43	0.20
Stockholm	29.86	63	SW	2	o		29.77	- 2.6	63	59	+ 4	NE	4	bc	•		66	46	-
Wisby	29.88	63	W	4	b		29.81	- 2.1	62	58	- 1	W	4	b	•		68	34	-
Bodö	29.67	46	NNE	3	b		29.66	- 1.1	49	45	+ 2	NNE	3	b	•		50	41	-
Christiansund	29.65	54	NE	3	o		29.76	+ 0.6	54	53	+ 4	NE	6	o	4		54	48	0.98
Skudesnaes	29.89	59	S	2	o		29.90	+ 0.1	59	57	+ 1	S	4	o	3		61	•	-
Færder	29.84	61	SE	6	m		29.87	- 1.0	59	57	0	NE	6	e	3		63	59	-
Skagen (The Skaw)	29.91	59	W	3	f		29.92	- 1.0	60	57	+ 1	NE	4	o	2		68	55	-
Fanö	29.99	60	2	0	b		30.03	- 0.5	60	58	- 3	NE	2	c	•		72	57	-
Cuxhaven	30.07	72	SW	1	b		30.03	- 1.1	69	68	+ 8	NE	2	f	•		79	•	-
Sumburgh Head	29.70	56	WSW	4	o		29.77	+ 0.8	56	55	+ 3	S	2	o	2		60	49	0.01
Stornoway	29.74	57	SSW	4	c		29.68	+ 0.5	59	57	+ 3	S	5	cq	5		61	52	0.03
Wick	29.72	62	SW	5	bc		29.75	+ 0.3	62	58	+ 3	S	3	bc	1		68	54	-
Nairn	29.80	62	W	3	bc		29.76	+ 0.1	65	59	+ 3	SW	1	b	1		69	59	-
Aberdeen	29.84	67	SSW	3	b		29.82	- 0.0	63	59	- 1	SSW	4	b	1		72	55	-
Leith	29.89	69	W	1	bc		29.87	- 0.1	65	60	+ 2	WSW	1	bc	•		75	56	-
Shields	29.94	67	SW	2	o		29.94	- 0.0	62	60	- 1	SSW	3	e	2		70	54	-
Spurn Head	29.98	62	SE	2	b		30.01	- 0.1	63	61	0	SSW	1	bm	2		72	57	-
York	29.98	60	S	1	b		30.00	- 0.1	62	60	+ 2	ESE	1	b	•		74	•	-
Loughborough	30.00	71	NE	1	b		30.02	- 0.2	58	57	- 3	ESE	1	bm	•		78	48	-
Ardrossan	29.89	61	S	4	bc		29.88	- 0.1	58	58	- 1	SW	2	o	1		69	58	-
Malin Head	29.83	62	S	1	om		29.72	- 1.0	62	60	+ 3	S	5	o	4		67	59	-
Mullaghmore	29.86	65	SSW	4	bc		29.73	- 1.3	63	61	+ 3	S	5	om	4		70	59	-
Belmullet	29.84	61	S	5	o		29.68	- 1.7	63	61	+ 3	SE	6	o	•		63	58	0.08
Donaghadee	29.92	63	SSW	2	bc		29.87	- 0.5	60	59	0	SW	4	e	2		68	56	-
Barrow-in-Furness	30.00	62	SW	2	o		29.96	- 0.4	62	60	+ 2	S	4	b	•		64	59	0.02
Liverpool (Bidston)	30.00	65	NE	1	c		29.97	- 0.4	65	60	+ 3	SE	2	b	2		70	57	-
Holyhead	29.94	61	SSW	4	o		29.94	- 0.6	58	58	- 1	SSW	3	f	2		64	56	-
Parsonstown	29.90	66	2	0	e		29.83	- 1.2	61	59	0	SE	2	og	•		71	59	-
Valencia	29.90	60	SE	5	o		29.79	- 1.7	62	62	+ 4	SE	7	om	6		64	57	0.12
Roche's Point	29.94	60	SSW	2	h		29.87	- 1.0	60	59	0	SE	5	2f	4		63	58	0.12
Pembroke	30.01	60	S	1	o		29.97	- 0.6	59	58	0	SSW	2	f	2		63	56	-
Scilly																			-
Prawle Point	30.02	65	NNE	1	b		29.97	- 0.9	68	63	+ 4	NNE	1	b	1		69	59	-
Hurst Castle	30.02	68	WSW	1	b		29.99	- 0.8	67	65	+ 8	NE	3	m	0		72	57	-
Dungeness	29.97	68	WSW	1	b		29.97	- 0.8	66	63	+ 6	NE	0	m	0		71	58	-
London	30.00	75	S	1	b		30.03	- 0.3	66	62	+ 10	2	0	fw	•		80	53	-
Oxford	30.03	63	2	0	b		30.02	- 0.4	62	59	+ 1	2	0	fw	•		76	51	-
Cambridge	30.04	66	2	0	b		30.02	- 0.4	64	62	+ 3	2	0	b	•		79	50	-
Yarmouth	30.10	65	E	2	b		30.03	- 0.0	63	62	+ 1	2	0	bw	1		68	56	-
The Helder	30.03	66	NE	1	b		30.05	+ 0.1	62	61	- 4	NE	1	b	1		73	61	-
Cape Gris Nez	30.01	70	E	1	b		30.01	- 0.1	68	63	+ 5	2	0	b	0		72	63	-
Jersey	29.98	72	NE	2	b		29.97	- 0.6	63	63	- 2	SW	2	f	2		77	62	-
Brest	29.98	69	N	3	bc		30.00	- 0.1	57	57	- 3	N	3	m	3		75	55	-
Lorient	29.99	73	NE	1	b		30.02	+ 0.1	62	62	- 2	NE	1	f	4		84	57	-
Rochefort	30.04	72	NE	4	b		30.07	+ 0.3	66	65	0	SE	4	bc	2		91	59	-
Biarritz																			-
Corunna																			-
Brussels							30.05	- 0.0	70	65	+ 2	NE	1	m	•		83	63	-
Belfast	30.10	76	E	1	b		30.14	- 0.8	68	64	- 1	E	1	b	•		81	59	-
Paris	30.02	76	NE	1	b		30.08	+ 0.3	64	63	+ 2	2	0	b	•		85	59	-
Lyons	30.02	82	E	1	bc		30.12	+ 0.4	69	62	+ 4	S	1	bc	•		90	64	-
Nice	30.06	75	2	0	b		30.10	+ 0.5	76	64	- 1	2	0	b	•		86	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).

WEATHER CHARTS

for 8 a.m. on *Monday, 30th August* 1886.

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 —

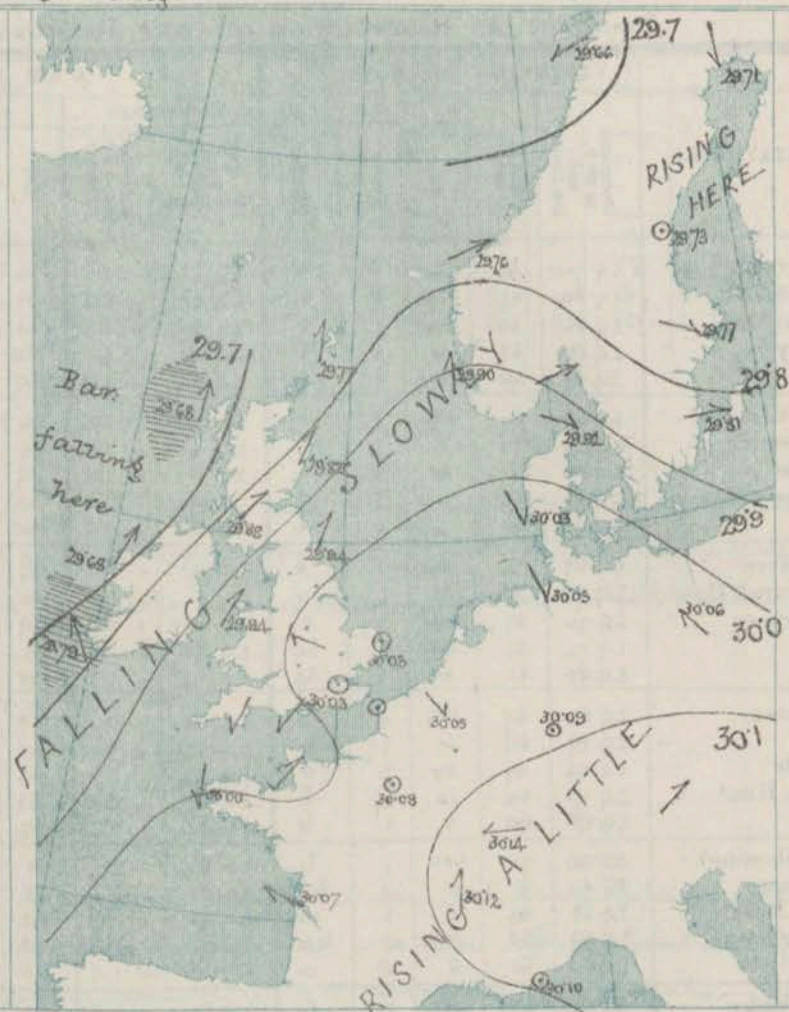
→ forces above 10, → forces 8 to 10,
 → forces 5 to 7, → forces 1 to 4,
 ○ — dead calm.

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

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sunburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.820
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.906
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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.

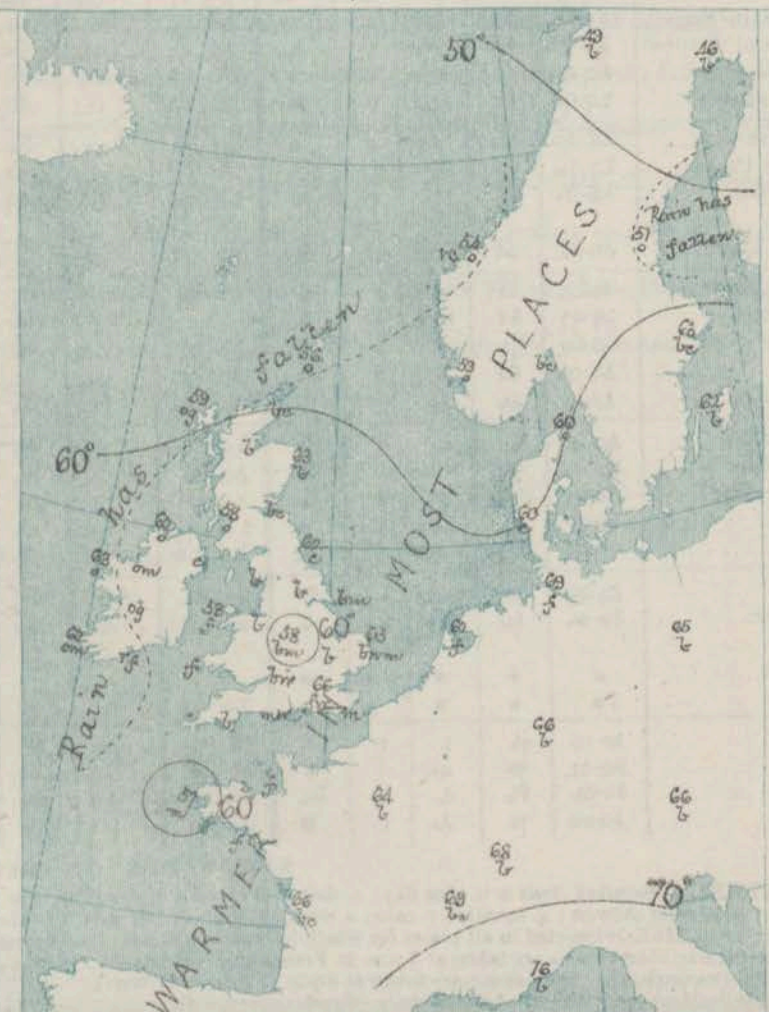
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of August

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average Dry.	Average Wet.	
Sunburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	53.9	3.57
Wick	61.3	48.7	55.6	53.6	2.35
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	63.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.6	2.06
LONDON	72.3	54.2	61.9	58.5	2.20
Oxford	69.6	53.9	59.8	57.3	2.33
Cambridge	71.9	52.8	60.7	57.9	2.25
Yarmouth	66.9	55.7	61.4	58.5	2.17

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.



for Monday 30th August 1886 at 8 a.m.

The depression off the west of Ireland is not likely to produce any very bad weather at present, but it is doubtful whether the shallow subsidiary system over the Channel may not cause thunderstorms over our southern counties shortly.

for the 24 hours ending at NOON on 31st August 1886.
(Issued at 11 a.m. on the previous day.)

Fredk. Dangerfield, Esq. London, (351.)

YESTERDAY'S 2 P.M. REPORTS

OBSERVATIONS & P.M. REPORTS															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.87	62	58	S	6	c	4	Rochefort	30.05	83	73	WSW	4	b	2

CONTINENTAL INFORMATION.

The reports for yesterday (Sunday) morning showed that pressure was highest over the Continent (especially over Germany) and lowest over Northern Russia and to the north-west of our islands. The highest barometric reading reported was 30.26 ins at Breslau and the lowest was 29.2 ins at Archangel. The wind was consequently NW to N over Finland and Northern Europe — where also the weather was unsettled — very variable over Central Europe and France, where the weather was fine and bright. Temperature had risen generally and varied from between 70° and 77° on the northern shores of the Mediterranean and Adriatic to about 60° on our extreme north-western coasts and to considerably below 50° over Northern Europe. The highest individual readings were 84° at Sfax (Algeria), 78° at Brindisi and Barcelona and 77° at Trieste, Nice and Croisette; the lowest 46° at Archangel, 47° at Rodez, 49° at Knopio (Finland), and 53° at Lumburg Heath.

During the day it increased to rather above 90° in several parts of France to 80° in London and 79° at Loughborough.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 22ND TO THE 28TH AUGUST 1886.

The weather of the past week has been fine and dry over the greater part of England, but somewhat unsettled in Ireland and Scotland.

At the commencement of the period a band of high-pressure extended from the west of Ireland across our northern districts to the south of Scandinavia, while a large area of relatively low readings was found over France. Moderate SW winds therefore prevailed on our northern coasts, while light NE breezes were reported in the south. During Sunday and Monday some small depressions were developed within the low-pressure area and on the latter day severe thunderstorms accompanied by a heavy hail were experienced in many parts of France.

As the small depressions moved away eastwards an anticyclone appeared over Spain while some large cyclonic disturbances began to move in a north-easterly direction along our extreme western coasts. The NE winds in the south now backed slowly, and by Thursday morning, when the new high-pressure system had extended eastwards and north-eastwards over France, SW breezes were general over the whole of the United Kingdom. On the evening of this day a small depression advanced from the westward directly over Scotland, and subsequently passed away over the North Sea. In the meantime the anticyclone in the south continued to move eastwards, and by Saturday morning when its central portion had reached Germany and the North Sea, the wind over our islands had backed to S or SE very generally. The depressions to the west of us now began to approach nearer our shores, and on Saturday one of the centres passed sufficiently close to occasion a S gale in the west of Ireland. At the close of the week this was passing away to the northward, but conditions were favourable for the advance of further disturbances towards our west coasts.

Temperature has been rather above the average for the time of year. Over England the maxima have frequently exceeded 75°, the highest of all being on Sunday and Tuesday, when the thermometer rose to 77° or 78° over the southern and south-eastern counties.

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

DAILY WEATHER REPORT

for

Tuesday — 31st August

1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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.		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	29.90	48	N	2	0	30.06	+ .35	49	46	+ 3	NE	4	6	•	59	36	-		
Hernösand	30.02	49	Z	0	0	30.14	+ .41	54	52	+ 3	Z	0	0	•	55	48	0.04		
Stockholm	30.00	58	ESE	2	0	30.15	+ .38	59	55	- 4	Z	0	0	•	72	55	-		
Wisby	29.88	63	SW	4	6	30.06	+ .25	62	58	0	E	4	6	•	70	?	-		
Bodö	29.89	51	WSW	2	0	29.97	+ .31	52	50	+ 3	ESE	2	0	1	57	46	0.04		
Christiansund	29.93	54	WSW	2	0	30.07	+ .31	60	54	+ 6	ESE	2	6	2	61	52	-		
Skudesnaes	29.98	59	SSE	4	0	30.02	+ .12	61	58	+ 2	ESE	4	0	3	64	59	-		
Færder	29.98	61	WSW	4	m	30.10	+ .23	60	60	+ 1	SW	4	m	2	63	?	-		
Skagen (The Skaw)	30.02	57	WNW	3	6	30.13	+ .21	57	57	- 3	SW	1	f	1	64	52	-		
Fanö	30.09	57	Z	0	6	?	?	62	61	+ 4	Z	0	6	•	68	54	-		
Cuxhaven	30.11	65	WNW	2	6	30.18	+ .15	61	60	- 8	SE	1	f	•	?	58	-		
Sumburgh Head	29.74	55	S	2	c	29.67	- .10	55	54	- 1	S	3	0	3	60	53	0.04		
Stornoway	29.62	60	S	6	c	29.68	- .00	55	54	- 4	S	4	6	5	63	53	0.59		
Wick	29.75	64	NE	1	c	29.74	- .01	60	59	- 2	W	1	0	1	73	56	0.08		
Nairn	29.72	68	SW	3	6	29.72	- .04	63	61	- 2	W	2	0	1	70	62	0.02		
Aberdeen	29.83	62	SW	2	c	29.78	- .04	62	59	- 1	SW	7	cq	2	66	58	-		
Leith	29.84	63	SW	2	c	29.81	- .06	65	61	0	S	4	c	•	72	62	-		
Shields	29.90	74	SW	1	c	29.91	- .03	62	59	0	SW	2	6	2	77	59	-		
Spurn Head	29.96	63	SE	4	6	30.02	+ .01	65	63	+ 2	SW	3	bm	2	73	60	-		
York	29.94	76	SSE	1	6	29.99	- .01	61	59	- 1	SW	2	6	0	80	57	-		
Loughborough	29.92	78	E	1	6	30.05	+ .03	62	60	+ 4	SW	2	c	•	86	57	-		
Ardrossan	29.82	61	W	2	c	29.81	- .07	59	59	+ 1	S	5	dm	4	68	57	0.12		
Malin Head	29.88	67	SSW	6	6	29.81	+ .04	62	58	0	SSW	3	c	3	68	53	0.82		
Mullaghmore	29.67	70	S	6	c	29.81	+ .08	59	57	- 4	SSW	4	6	2	73	55	0.68		
Belmullet	29.64	63	SSW	5	n	29.81	+ .13	60	58	- 3	SSW	5	6	•	65	57	0.37		
Donaghadee	29.82	61	SW	6	c	29.84	- .03	60	60	0	SSW	6	c	4	67	57	-		
Barrow-in-Furness	29.92	64	SW	3	6	29.96	- .00	60	59	- 2	SSE	5	om	•	71	59	-		
Liverpool (Bidston)	29.92	66	WNW	1	6	29.99	+ .02	63	60	- 2	SSE	2	c	2	77	57	-		
Holyhead	29.92	60	SSW	3	6	29.94	- .00	60	60	+ 2	SSW	5	mq	3	65	57	-		
Parsonstown	29.80	67	SE	2	c	29.88	+ .05	58	57	- 3	Z	0	on	•	69	57	0.12		
Valencia	29.73	62	SSE	7	nm	29.88	+ .09	58	56	- 4	SE	2	om	2	64	56	0.25		
Roche's Point	29.67	61	SSW	5	n	29.88	+ .01	60	60	0	SW	4	nf	4	63	59	0.08		
Pembroke	29.96	60	SSW	3	0	30.00	+ .03	60	59	+ 1	S	5	og	4	63	58	-		
Seilly																			
Prawle Point	30.00	61	W	3	6	30.07	+ .10	58	57	- 10	S	1	0	1	73	56	-		
Hurst Castle	30.01	63	SW	3	f	30.08	+ .09	61	60	- 6	ESE	2	f	1	73	57	0.01		
Dungeness	29.98	71	WSW	1	6	30.07	?	65	63	- 1	Z	0	m	0	75	57	-		
London	29.98	73	S	3	6	30.09	+ .06	65	61	- 1	SW	2	6	•	87	54	-		
Oxford	29.98	68	SSE	3	6	30.08	+ .06	62	59	0	S	1	bw	•	84	55	-		
Cambridge	29.99	76	S	1	6	30.07	+ .05	65	63	+ 1	S	1	6	•	86	54	-		
Yarmouth	30.02	67	SSE	2	6	30.07	+ .04	67	62	+ 4	WSW	2	6	2	69	59	-		
The Helder	30.08	68	E	1	6	30.09	+ .04	68	65	+ 6	SSW	1	6	?	72	?	-		
Cape Gris Nez	29.97	70	SW	1	6	30.09	+ .08	65	64	- 3	Z	0	m	0	88	61	-		
Jersey	30.02	61	NE	2	c	30.08	+ .11	60	60	- 3	WSW	1	f	1	65	52	0.01		
Brest																			
Lorient	30.03	63	NW	3	0	30.11	+ .09	62	60	0	SW	1	0	2	75	55	-		
Rocheport	30.09	75	NW	1	6	30.13	+ .06	68	64	+ 2	SE	4	6	2	91	63	-		
Biarritz	30.00	84	E	3	6	30.10	+ .10	69	67	0	W	3	0	1	90	68	-		
Cornuina	*	*	*	*	*														
Brussels	*	*	*	*	*	30.13	+ .08	73	67	+ 3	SSW	1	6	•	84	67	-		
Belgort	30.05	79	E	1	6	30.12	- .02	70	65	+ 2	E	1	6	•	?	60	-		
Paris	30.05	81	SSW	3	6	30.15	+ .07	67	63	+ 3	SSE	1	6	•	89	60	-		
Lyons	30.08	80	E	1	c	30.18	+ .06	65	60	- 4	SSW	1	6	•	89	62	-		
Nice																			

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 (haz.); 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.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 31st August.

1886.

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.

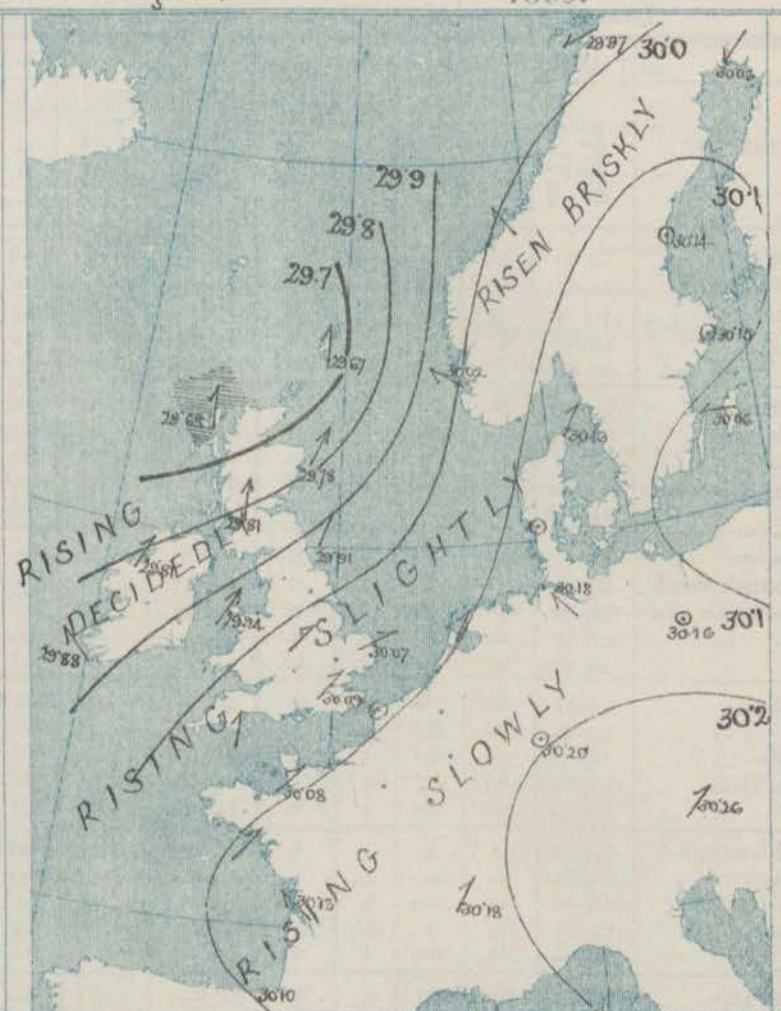
Sea Disturbance—where considerable, is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.806
Stornoway	29.800
Wick	29.822
Nairn	29.829
Aberdeen	29.835
Leith	29.852
Shields	29.876
York	29.905
Ardrossan	29.856
Donaghadee	29.868
Holyhead	29.893
Liverpool	29.898
Valencia	29.908
Roche's Point	29.908
Pembroke	29.910
Scilly	29.951
Hurst Castle	29.949
Dover	29.945
LONDON	29.943
Oxford	29.929
Cambridge	29.929
Yarmouth	29.928



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 IN SHADE. AND RAINFALL.

for the month of August.

STATIONS	TEMPERATURE				RAINFALL. (inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	58.3	48.8	54.1	52.4	3.21
Stornoway	58.5	49.2	55.8	52.9	3.37
Wick	61.3	48.7	55.6	53.6	2.85
Nairn	63.6	50.6	56.0	53.1	2.81
Aberdeen	63.0	50.7	56.8	53.9	3.13
Leith	66.3	52.2	58.1	55.2	2.62
Shields	68.7	53.2	58.0	55.3	2.81
York	68.2	51.8	58.7	56.0	2.47
Ardrossan	62.7	54.0	57.8	55.0	4.08
Donaghadee	61.2	52.6	57.3	55.9	2.99
Holyhead	65.2	55.7	58.9	56.9	2.89
Liverpool	66.3	54.7	59.2	56.1	2.79
Valencia	65.4	54.7	59.8	57.1	4.65
Roche's Point	67.5	54.7	59.4	56.8	3.59
Pembroke	64.4	56.4	59.4	57.1	2.91
Scilly	65.4	57.8	61.3	59.3	2.45
Hurst Castle	67.9	56.8	61.7	59.8	2.31
Dover	67.3	58.2	63.3	59.0	2.06
LONDON	72.3	64.2	61.9	58.5	2.20
Oxford	69.6	63.9	59.8	57.3	2.33
Cambridge	71.9	62.8	60.7	57.9	2.25
Yarmouth	66.9	65.7	61.4	58.5	2.17

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 30 years 1856—85.



REMARKS.

for Tuesday 31st August 1886 at 8 a.m.

Barometric pressure is still highest (30.1 ins: and upwards) over France and Germany, whence a long ridge extends northwards over Denmark and Sweden. It is lowest (29.7 ins: and less) off our north-western coasts, but the gradients are slight except over the more northern parts of the British Isles and North Sea. The wind is now S^W or S^W 1/2 over the greater part of the Kingdom, and blows rather strongly in the northwest, and a moderate gale at Aberdeen. In the west of Ireland last night it blew a moderate gale from the S^W, while a strong S^W gale was experienced in the Minch. Temperature varies from about 63° in the southwest of France, and between 65° and 67° over our south-eastern counties to 58° or 55° on our extreme north-west coasts and to 55° at Lumburgh Head. It rose to 91° at Rochefort, 90° at Harriet, 87° in London, 86° at Cambridge and Loughborough, and 84° at Oxford yesterday, and reached 73° soon at Wick. In the night, however, it fell to between 54° and 57° in many of the inland parts of England. Rain has fallen in Ireland and Scotland, heavily in some localities, and lightning has occurred at Taloneid. Over England the weather has remained fine and warm, but with fog occasionally in some places. The sea is rather rough at Bournemouth, moderate to smooth elsewhere.

The barometer is now rising fast in the west and the depression recently noticed in those regions appear to be passing off. Fine weather seems likely to continue over England.

FORECASTS

For the 24 hours ending at NOON on 1st SEPT^R 1886.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S ^W and S ^W 1/2 breezes, moderate, with improving weather.	6 { SCOTLAND WEST	Same as N° 0.
1 { SCOTLAND EAST	----- D° ----- D° ----- D° -----	7 { ENGLAND N. W.	Same as N° 0.
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	Wind falling light and variable: with fine weather.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	----- D° ----- D° ----- D° -----
5 { ENGLAND SOUTH	S ^W 1/2 breezes, light and variable; fine, warm	WARNINGS	The south cone hoisted in the N. and NW. on Sunday evening has been <u>lowered</u> this morning.

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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.97	64	59	S	2	c	3	Holyhead	29.94	64	62	SEW	3	60	2
Sumburgh Head	29.77	59	57	S	2	c	2	Valencia	29.78	64	63	SSE	7	0	6
Stornoway	29.66	61	59	S	5	d	5	Scilly							
Aberdeen	29.84	65	60	S	4	c	1	Dungeness	30.01	73	67	ESE	1	c	1
Shields	29.91	77	65	SW	4	b	2	London	29.97	84	71	SSE	3	b	*
Ardrossan	29.84	61	60	SSE	4	0	3	Yarmouth	30.01	68	64	SSE	3	6	2
Malin Head	29.67	67	64	SEW	6	c	4	Jersey	30.00	64	64	WNW	3	6	3
Mullaghmore	29.72	71	65	S	6	CV	4	Rocheport	30.10	89	74	NW	1	6	1
Belmullet	29.68	65	63	S	5	0	*								

REMARKS.

Hardly any change has occurred since 8 am. beyond a considerable increase of temperature over England and France. In London the thermometer stands at 84°, while at Rochefort it is 89°. The sea is rather rough in the extreme W. and N.

CONTINENTAL INFORMATION.

Yesterday morning Continental Reports showed a continuation of uniformly high pressures over Central, Western, and Southern Europe, and of depressions (of no great depth) in the north and north-west. The consequence was that while variable air and fine, bright, warm weather prevailed in the former regions, that in the latter was cloudy, more or less rainy, and in some parts squally and cool. Temperature at 8 am varied from between 70° and 75° over the southern parts of France and the northern shores of the Adriatic to rather below 50° over Lapland, Finland and Northern Russia. At the British stations it exceeded 60° except where local fogs prevailed with heavy dew. The highest individual readings reported were 82° at Biskra (Algeria) and Barcelona, 79° at Rhindini and Trieste and 76° at Nice, the lowest 43° at Archangel, 46° at Haparanda, 48° at Kuopio, and 49° at Rodo.

During the next twenty-four hours a new depression off our west and northwest coast produced a good deal of rain in Ireland and Scotland, but over the Continent and England the weather remained fine, and the thermometer rose to between 90° and 91° in the southwest of France, to 89° at Paris, and to between 80° and 87° over England.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1886

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.				
				Direc.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)			Max.	Min.	Amount of Rainfall.		
1 st	Charleville	29.80	62	W	4	b	29.96	+24	56	-	-6	W	3	0	*	73	51	0.32		
2 nd	Brest	29.72	61	W	5	0	29.79	-12	60	-	+3	W	4	0	3	64	57	0.39		
	Corunna	*	*	*	*	*	30.08	-03	69	-	+3	SW	4	0	3	77	63	-		
	Brussels	*	*	*	*	*	29.62	-26	61	-	+2	SW	3	0	*	69	56	-		
	Charleville	29.91	64	SW	4	0	29.71	-25	60	-	+4	W	3	0	*	69	57	0.24		
	Lyon	30.01	70	SE	1	b	29.98	-08	60	58	+8	SE	3	b	*	73	58	-		
	Joultou	29.96	63	W	8	m	29.98	+16	66	-	-6	W	4	m	3		57	-		
3 rd	Corunna	*	*	*	*	*	30.13	+05	67	66	+2	W	3	0	3	77	63	-		
6 th	Lorient	30.08	64	SW	5	m	30.05	-10	62	62	+2	W	4	0	2	72	54	0.20		
8 th	Naparanda	29.66	63	SW	3	b	29.64	-02	61	-	0	E	3	0	*	75	50	0.08		
	Hernösand	29.66	59	Z	0	b	29.64	-06	63	-	+3	Z	0	0	*	77	52	-		
	Stockholm	29.72	61	Z	0	c	29.69	-03	65	-	+2	W	3	c	*	72	54	-		
	Grimsby	29.70	73	W	5	b	29.67	-05	63	-	+1	W	5	0	*	72	57	-		
9 th	Corunna	*	*	*	*	*	29.98	-15	68	67	-7	W	1	b	3	82	57	-		
	Brussels	*	*	*	*	*	30.01	-08	64	60	-1	W	1	b	*	75	59	-		
10 th	Belfort	30.20	82	W	4	b	30.05	-06	73	-	0	W	1	b	*	86	49	-		
11 th	Corunna	*	*	*	*	*	30.14	+17	65	61	-1	HE	4	b	4	72	61	-		
	Belfort	29.99	82	W	5	b	30.12	+07	66	64	-7	E	4	0	*	88	49	-		
13 th	Corunna	*	*	*	*	*	29.98	-09	68	64	+4	W	5	0	2	79	57	-		
	Brussels	*	*	*	*	*	29.76	-26	60	54	+3	SE	4	0	*	69	57	-		
15 th	Corunna	*	*	*	*	*	30.20	+09	66	*	+5	HE	1	0	1	73	57	-		
16 th	Cape Gris Neg	30.12	63	W	1	b	29.96	-18	63	-	+5	SW	8	0	6	70	57	-		
17 th	Corunna	*	*	*	*	*	30.26	+05	63	56	+1	HE	7	c	6	66	59	-		
18 th	Corunna	*	*	*	*	*	30.27	+01	62	58	-1	HE	5	0	5	68	59	-		
19 th	Corunna	*	*	*	*	*	30.29	+02	65	61	+3	HE	7	b	5	70	59	-		
21 st	Corunna	*	*	*	*	*	30.03	-	64	-	-	HE	5	0	5	72	61	-		
22 nd	Cape Gris Neg	30.02	62	HE	1	0	29.97	-13	62	-	+2	HE	5	f	4	66	57	-		
24 th	Biarritz	29.90	65	W	7	t	29.91	+02	64	-	0	W	7	n	1	68	63	0.47		
	Corunna	*	*	*	*	*	30.10	+11	62	60	0	W	1	b	3	72	57	0.04		
25 th	Corunna	*	*	*	*	*	30.20	+10	60	60	-2	SW	1	b	3	70	55	-		
26 th	Corunna	*	*	*	*	*	30.18	-02	59	58	-1	HE	1	b	3	73	54	-		
27 th	The Helder	30.05	63	SW	4	c	30.08	+07	64	-	0	W	3	b	3	68	63	-		
	Corunna	*	*	*	*	*	30.10	+08	63	53	+4	HE	1	b	3	73	52	-		
28 th	Scilly	-	-	-	-	-	30.06	-09	62	60	-1	SE	2	0	4	69	59	-		
	Lyon	30.07	72	W	1	b	30.09	-06	62	62	+2	E	1	m	*	75	59	-		
	Scilly 2pm.	-	-	-	-	-	30.06	-	68	64	-	S	3	0	4	-	-	-		
29 th	Scilly	30.03	64	SE	1	c	30.02	-04	63	60	+1	SE	2	c	4	68	56	-		
30 th	Scilly	30.00	65	SE	2	c	29.95	-07	63	60	0	SW	2	0	4	68	57	-		
	Biarritz	29.73	73	HE	1	m	30.00	+01	69	66	+1	SE	3	b	2	77	63	-		
	Corunna	*	*	*	*	*	30.02	+03	66	63	+3	W	3	0	3	77	59	-		
	Scilly 2pm.	-	-	-	-	-	29.98	-	66	63	-	SW	2	0	4	-	-	-		
31 st	Scilly	29.99	64	SW	2	c	30.01	+06	63	61	0	S	4	0	5	69	59	-		
	Brest	30.02	65	W	1	b	30.08	+08	60	60	+3	SE	4	m	4	66	55	-		
	Corunna	*	*	*	*	*	30.08	+06	65	63	-1	W	1	m	1	73	57	-		
	Nice	30.11	78	Z	0	b	30.15	+05	75	61	-1	E	1	b	1	88	66	-		
	Scilly 2pm.	-	-	-	-	-	30.03	-	68	64	-	SE	4	c	5	-	-	-		

Continued on page 4

Continued on page 4

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING
 Observations are made at 8 a.m. daily, but the numbers of days of Rain, Snow, Hail,
 (The Stations are grouped in Districts, and then arranged in order of

Names of Districts.	Names of Stations.	Mean height of Barometer (at 82° 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.	{ Samburgh Head ...	29.738	52.3	47.5	56.8	52.2	43	3 rd 4 th + 5 th	61	24 th	0.347
	{ Wick ...	29.749	55.2	47.3	61.8	54.6	30	4 th	73	30 th	368
	{ Stornoway ...	29.784	53.6	47.5	59.3	53.4	39	4 th	63	30 th	363
1. SCOTLAND, E.	{ Nairn ...	29.810	55.3	49.4	64.6	57.0	40	1 st 2 nd + 23 rd	71	18 th	357
	{ Aberdeen ...	29.839	57.4	49.1	64.8	57.0	38	4 th	75	20 th	365
	{ Leith ...	29.874	58.0	51.0	66.0	58.5	42	3 rd	75	28 th + 29 th	375
2. ENGLAND, N.E.	{ Shields ...	29.912	57.0	51.1	65.3	58.2	43	3 rd	77	30 th	383
	{ York ...	29.956	57.4	52.1	68.5	60.3	43	3 rd	80	30 th + 31 st	403
	{ Spurn Head ...	29.951	58.5	54.5	64.5	59.5	49	3 rd	77	31 st	441
3. ENGLAND, E.	{ Yarmouth ...	29.968	60.3	54.3	66.7	60.5	44	3 rd	76	7 th	452
	{ Cambridge ...	29.985	60.3	51.8	71.9	61.9	44	12 th	86	30 th + 31 st	450
4. MIDLAND COUNTIES.	{ Loughborough ...	29.983	59.1	53.2	71.1	62.2	43	5 th	86	30 th	435
	{ Oxford ...	30.001	59.1	53.8	69.7	61.8	43	3 rd	84	30 th	426
5. ENGLAND, S.	{ London ...	30.001	60.6	54.3	72.4	63.4	46	3 rd	87	30 th + 31 st	432
	{ Dungeness ...	29.975	60.8	55.0	67.2	61.1	43	3 rd	75	30 th + 31 st	480
	{ Hurst Castle ...	30.015	61.0	55.7	68.9	62.3	48	18 th	77	24 th	480
6. SCOTLAND, W.	Ardrossan ...	29.891	56.7	52.0	61.7	56.9	43	4 th	69	29 th	421
7. ENGLAND, N.W.	{ *Hawes Junction ...	28.721	54.1	48.5	61.1	54.8	37	3 rd	73	30 th	381
	{ Barrow-in-Furness ...	29.941	56.9	54.4	62.3	58.4	48	3 rd + 4 th	71	30 th	406
	{ Liverpool Obs ^r (Bidston) ...	29.962	59.1	54.9	66.4	60.7	48	4 th	77	30 th	395
	{ Holyhead ...	29.961	57.3	54.2	62.4	58.3	46	4 th	67	23 rd	436
8. ENGLAND, S.W.	{ Pembroke ...	29.992	58.7	56.0	61.9	59.0	51	3 rd	66	22 nd	444
	{ Prawle Point ...	30.026	60.2	54.6	65.3	60.0	48	3 rd	75	30 th	456
9. IRELAND, N.	{ Malin Head ...	29.866	56.1	52.9	62.0	57.5	49	2 nd	68	14 th + 30 th	401
	{ Donaghadee ...	29.923	56.6	50.7	63.2	57.0	38	4 th	72	20 th	423
	{ Mullaghmore ...	29.893	57.4	54.6	63.4	59.0	49	12 th	73	30 th	400
	{ Belmullet ...	29.891	57.5	53.4	61.5	59.5	46	1 st + 22 nd	65	3 rd 19 th 27 th 30 th	414
10. IRELAND, S.	{ Parsonstown ...	29.948	57.7	51.7	64.8	58.3	43	3 rd + 22 nd	71	6 th 15 th 29 th	411
	{ Valencia ...	29.966	58.8	54.7	63.3	59.0	47	3 rd	67	2 nd	455
	{ Roche's Point ...	29.968	58.9	54.2	64.4	59.3	45	1 st	73	6 th	438
CHANNEL ISLANDS	{ Scilly, St. Mary's ...	30.014	60.6	56.6	64.4	60.5	53	3 rd	69	2 nd 13 th 30 th	461
	{ Jersey (Noirmont) ...	30.030	60.5	56.6	66.5	61.6	52	2 nd	77	29 th	480

* Hawes Junction is 1135 feet above mean Sea Level and the

* Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the Month of AUGUST 1886.

Thunderstorms and Gales are counted irrespective of the hours at which they occurred.

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

Relative Humidity	Amount of Cloud	Rainfall.			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of Observation of								
		ins.	in.		Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%																				
88	8.6	1.84	0.44	1 st	21	0	0	0	2	22	1	3	1	0	2	7	5	7	6	0
85	6.7	2.21	0.95	10 th	16	0	0	0	5	14	2	0	1	0	0	12	2	5	10	1
88	6.5	3.28	0.59	30 th	25	0	0	0	5	10	5	1	1	0	2	9	12	3	3	0
82	4.8	1.19	0.60	10 th	17	0	0	0	8	4	0	1	0	1	0	0	15	5	3	6
77	5.1	1.01	0.17	10 th	11	0	0	0	10	4	2	2	0	0	0	10	9	5	4	1
78	5.8	0.59	0.32	10 th	12	0	0	1	8	7	0	0	2	1	4	1	5	11	7	0
82	7.2	2.15	0.44	18 th	11	0	0	0	3	12	0	3	1	1	0	6	12	6	2	0
86	6.5	2.55	0.67	18 th	11	0	0	1	8	12	0	4	2	1	1	9	5	6	3	0
90	4.8	1.20	0.42	18 th	13	0	0	0	8	4	0	5	0	2	2	3	8	5	6	0
87	4.5	2.02	0.40	10 th + 17 th	12	0	0	0	13	6	0	4	3	1	1	3	5	8	2	4
87	6.3	2.64	1.23	17 th	11	0	0	2	9	15	0	9	0	1	0	5	10	0	3	3
87	7.8	1.80	0.70	9 th	13	0	0	1	2	16	0	2	3	1	3	1	5	10	5	1
85	6.0	1.49	0.54	9 th	9	0	0	0	9	12	0	2	4	0	1	4	9	4	3	4
82	7.4	0.79	0.17	9 th	12	0	0	0	4	16	0	2	4	1	1	2	5	7	6	3
89	6.6	1.58	0.26	17 th	10	0	0	0	4	9	0	3	5	0	1	3	4	6	6	3
90	6.4	1.00	0.17	1 st 12 th + 23 rd	14	0	0	0	5	7	1	5	7	3	0	1	6	5	2	2
91	6.6	1.66	0.43	10 th	16	0	0	1	10	17	2	2	2	2	3	8	4	6	3	1
91	7.8	3.20	1.01	15 th	19	0	0	2	5	21	0	1	1	2	1	6	10	5	3	2
88	7.1	2.56	0.72	6 th	15	0	0	1	4	15	2	3	4	1	2	5	6	2	8	0
79	7.2	1.70	0.63	15 th	14	0	0	1	4	14	0	2	1	1	7	5	4	8	3	0
92	6.7	1.60	0.48	15 th	10	0	0	0	5	8	0	4	1	0	0	8	10	2	3	3
91	7.0	0.87	0.25	12 th	14	0	0	0	4	14	2	4	2	1	2	6	6	5	4	1
88	5.5	1.28	0.42	1 st	13	0	0	0	10	9	2	3	6	2	0	2	4	8	4	2
88	8.2	1.87	0.39	10 th	20	0	0	0	0	15	0	5	1	1	2	9	7	4	2	0
92	6.6	2.14	0.39	6 th	18	0	0	0	6	15	1	1	3	1	1	3	10	10	2	0
84	7.8	2.83	0.68	30 th	19	0	0	0	1	11	7	1	1	2	3	8	8	4	3	1
87	8.5	2.98	0.75	25 th	23	0	0	0	2	22	3	3	3	0	3	5	10	6	1	0
86	8.4	2.24	0.45	21 st	19	0	0	0	2	19	0	1	1	0	3	5	7	1	1	12
92	8.5	5.27	1.16	12 th	24	0	0	0	1	21	5	3	1	3	5	4	6	5	2	2
89	7.2	3.53	0.92	21 st	18	0	0	0	4	14	2	5	2	0	1	5	9	7	2	0
87	8.4	1.87	0.40	5 th 8 th 72 nd	15	0	0	0	2	19	3	3	2	2	2	6	5	2	6	3
92	6.2	1.81	0.52	13 th	18	0	0	4	9	14	2	2	5	4	1	0	6	8	5	0

Barometric Observations at this Station are not corrected for altitude.

2. CORRECTIONS.

[illegible]