

1815-4

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1893.

Sec. Hyg. Serv.

21. 1. 95

DAILY WEATHER REPORT.

July to December 1893.



DAILY WEATHER REPORT

for 8 a.m. on TUESDAY, 1ST AUGUST. 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.		BAROMETER.		SHADE TEMP.			WIND.		SHADE TEMP.		Amount of Rainfall.					
		Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 2).	Weather.	Max.	Min.	Amount of Rainfall.			
		Inch.	°				Inch.	°	°	°									Inch.			
SCANDINAVIA.	Haparanda ...	29.75	66	06E	4	C	29.81	-12	62	60	0	SW	4	C	*	C	66	54	0.63			
	Hernösand ...	29.63	58	06E	6	C	29.75	+23	62	55	+1	S	2	C	*	C	62	55	0.16			
	Stockholm ...	29.74	61	S	2	C	29.77	+31	65	61	-1	ESE	2	C	*	C	69	61	—			
	Wisby ...	29.78	65	S	2	C	29.73	+21	63	60	+1	SEW	2	C	*	C	70	61	—			
	Bodö ...	29.44	62	E	4	C	29.56	-22	53	52	-7	N	2	C	1	C	63	50	0.35			
	Christiansund...	29.56	54	NNW	4	T	29.68	+14	53	53	+1	NNW	2	C	3	T	53	54	0.47			
	Skudesnaes ...	29.60	56	NNW	4	C	29.67	+13	53	53	+2	SSE	2	C	3	C	61	54	—			
	Christiania Fjord (Færdier)	29.61	60	06W	6	C	29.72	+27	61	56	0	S	2	C	2	C	64	59	—			
	Skagen (The Scaw)	29.65	58	S	1	0	29.72	+34	58	55	-3	SW	1	C	*	0	66	52	0.24			
	Fanö ...	29.69	58	N	2	C	29.69	+10	53	53	0	NNW	4	C	*	C	66	55	—			
ISLANDS.	Sumburgh Head	29.76	50	NNW	4	0	29.77	+22	51	50	-1	NNW	2	0	3	0	53	47	0.03			
	Stornoway ...	29.96	54	NW	4	0	29.86	-28	54	52	0	S	0	C	2	0	58	42	0.01			
	Wick ...	29.89	55	NE	2	0	29.86	+21	54	53	+1	NW	2	C	1	0	58	48	0.02			
	Nairn ...	29.91	55	NW	2	0	29.86	0	53	50	-3	S	0	0	1	0	60	47	0.26			
	Aberdeen ...	29.88	52	NNW	4	C	29.88	+27	52	49	-2	NW	2	C	2	C	57	45	0.03			
	Leith ...	29.88	55	S	1	0	29.89	+23	56	51	-3	N	2	0	*	0	66	50	0.14			
	Shields ...	29.89	56	N	2	0	29.89	+29	56	52	+1	N	2	C	3	C	61	50	0.05			
	Spurn Head ...	29.88	58	N	5	C	29.92	+13	57	52	0	N	1	C	3	C	60	53	0.05			
	York ...	29.89	60	N	2	C	29.93	+10	57	54	0	NNW	1	C	*	C	65	52	—			
	Loughborough	29.92	60	NNW	2	C	29.98	+11	56	53	-1	N	2	C	*	C	67	49	0.06			
BRITISH.	Ardrossan ...	29.92	60	NW	4	C	29.91	+22	57	54	-2	NW	1	0	1	C	65	50	—			
	Malin Head ...	29.02	56	NW	4	0	29.89	-10	53	53	-3	S	2	0	2	0	58	52	0.04			
	Mullaghmore ...	29.11	60	NNW	2	0	29.94	-17	60	58	0	NNW	2	C	*	0	62	56	0.09			
	Belmullet ...	29.01	59	NW	5	C	29.96	0	54	53	-2	SW	2	0	1	C	63	53	—			
	Donaghadee ...	29.96	61	NNW	5	C	29.97	+27	57	51	-1	NNW	2	0	2	C	63	54	—			
	Holyhead ...	29.00	58	NNW	2	C	29.98	+22	57	54	-1	N	1	0	1	C	63	53	—			
	Parsonstown ...	29.07	62	NW	1	C	29.94	-13	58	55	0	S	1	0	3	C	65	53	0.10			
	Valencia ...	29.17	62	NW	4	C	29.04	-29	62	60	+2	N	4	0	4	C	64	57	0.10			
	Roche's Point	29.09	65	NNW	4	C	29.04	-24	60	58	+1	N	2	0	3	C	69	56	—			
	Pembroke (St. Ann's Hd.)	29.04	60	NNW	2	C	29.04	+22	58	56	0	NNW	1	0	1	C	63	54	—			
GERMANY & HOLLAND.	Seilly ...	29.10	62	NNW	4	C	29.09	+24	61	58	0	NNW	3	0	3	C	63	56	—			
	Prawle Point ...	29.03	61	NW	4	C	29.06	+27	60	58	-2	N	2	0	2	C	65	53	—			
	Jersey (St. Aubin's)	29.02	65	NNW	4	C	29.08	+10	64	57	+1	NNW	3	0	3	C	68	56	—			
	Hurst Castle ...	29.95	66	NW	4	C	29.02	+29	61	57	-1	NNW	2	0	1	C	70	51	—			
	Dungeness ...	29.91	56	NW	1	C	29.96	+11	53	53	0	NW	2	C	1	C	66	48	0.11			
	North Foreland	29.88	59	NW	1	C	29.95	+14	53	54	+1	NW	2	C	2	C	63	51	0.08			
	London ...	29.92	62	NW	2	C	29.00	+11	57	52	-1	NW	2	C	*	C	68	48	0.03			
	Oxford ...	29.00	56	NW	1	C	29.00	+10	58	52	+1	NW	2	C	*	C	66	46	0.03			
	Cambridge ...	29.91	59	NNW	1	C	29.97	+12	56	54	-2	NNW	2	C	3	C	64	48	0.28			
	Yarmouth ...	29.86	61	NW	3	C	29.92	+14	57	53	0	NW	2	C	3	C	62	51	0.20			
FRANCE AND BELGIUM.	Cuxhaven ...	29.79	53	NNW	2	C	29.75	+28	53	58	-3	N	2	C	*	C	65	57	0.16			
	Berlin ...	29.78	60	2	0	C	29.80	+13	56	53	-3	NNW	2	C	*	C	63	52	0.28			
	Wiesbaden ...	29.96	56	2	0	C	29.96	+12	56	54	-2	NE	2	C	*	C	64	52	0.04			
	Munich ...	29.95	53	SW	6	T	29.01	+12	53	51	+2	SW	5	0	3	T	63	50	0.04			
	The Helder ...	29.85	57	NNW	5	T	29.91	+12	59	53	0	NW	5	0	3	T	61	53	0.12			
	Brussels (P. a.m.)	29.89	59	NW	4	0	29.97	+11	57	54	+1	NNW	2	C	*	C	63	48	0.16			
	Cape Gris Nez	29.95	62	SW	2	C	29.94	+29	56	54	0	NW	4	C	4	0	63	53	0.16			
	Paris ...	29.95	62	SW	2	C	29.03	+28	56	54	-2	S	1	C	*	C	65	49	—			
	Brest ...	29.04	68	NNW	2	C	29.11	+27	57	52	-5	NW	1	C	2	C	66	52	—			
	Lorient ...	29.04	68	NNW	4	C	29.11	+27	57	54	-6	N	2	C	2	C	72	52	—			
PENIN- SULA.	Rochefort ...	29.02	66	NNW	4	C	29.07	-22	61	58	-1	ENE	2	C	*	C	70	57	—			
	Belfort ...	29.01	62	N	1	C	29.05	+28	59	54	+1	NW	2	C	*	C	64	50	0.04			
	Lyons ...	29.73	68	2	0	C	29.85	+14	66	60	+1	E	1	C	1	C	69	61	—			
	Nice ...	29.00	74	NW	2	C	29.03	-21	72	61	+5	NW	2	C	*	C	79	59	—			
	Perpignan ...	29.08	68	NW	2	C	29.08	-22	64	61	-3	ENE	2	C	2	C	73	61	—			
	Biarritz ...	29.93	75	N	7	C	29.95	-22	65	61	-13	N	2	C	*	C	93	63	—			

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 1st August 1893.

BAROMETER, WIND AND 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

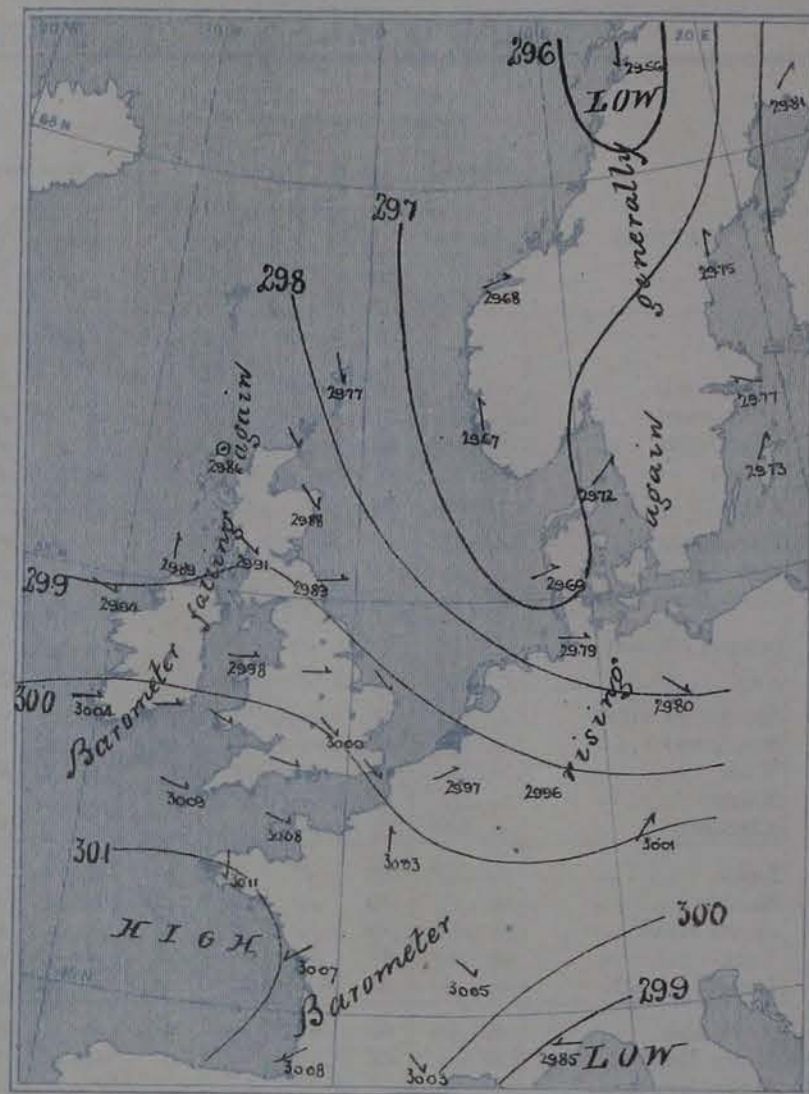
at 8.0 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sunbury Head	29.781
Stornoway	29.794
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.903
York	29.908
Loughborough	29.928
Ardrrossan	29.957
Mullaghnore	29.988
Donaghadee	29.970
Holyhead	29.987
Liverpool	29.996
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.995
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

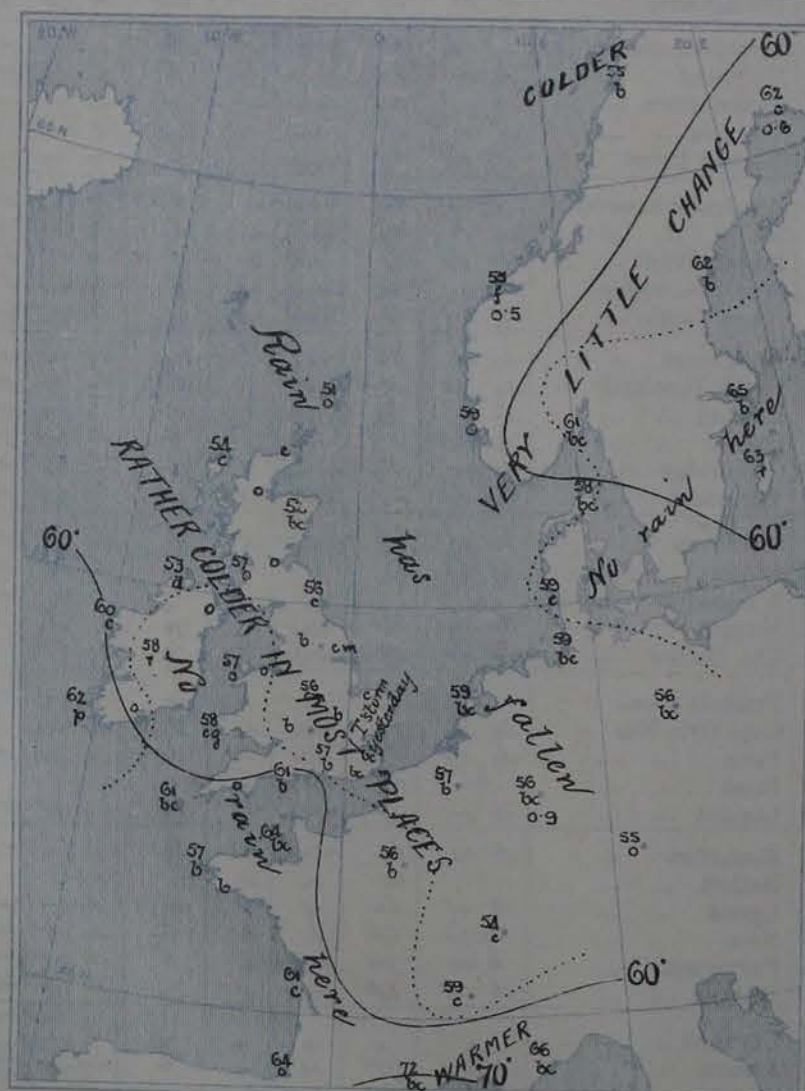
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of August.)

STATIONS.	TEMPERATURE				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Day at 8 a.m.	Night at 8 a.m.	
Sunbury Head	57.7	48.4	53.4	51.7	3.16
Stornoway	50.8	48.8	54.9	53.2	3.05
Wick	61.1	48.3	55.2	53.2	2.37
Nairn	63.4	50.3	55.8	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.3	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.0	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrrossan	63.6	52.8	57.2	54.3	3.78
Mullaghnore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.0	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	54.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.0	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	58.5	60.9	57.3	2.21
Oxford	69.3	58.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	69.3	54.8	60.5	57.6	2.16

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 35 years 1855-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE	Highest 30.1 ins. and upwards in an anticyclone lying over the Bay of Biscay. Lowest 29.6 ins. and less in a depression lying over the northwest of Norway.
TEMPERATURE	Gradients slight. Barometer falling in the W. and N. of our Islands, but rising elsewhere. Highest (1) 72° at Perpignan, 64° at Lisle, 66° at Nice, and 60° at Jersey and Biarritz; (2) 65° at Stockholm, and 63° at Wisby. Lowest 51° at Stirling N.H., 52° at Aberdeen, 53° at Kilmartin and Malin H. and 54° at Stornoway, Wick, and Donaghadee. During yesterday the thermometer over the central and southern parts of our Islands rose to between 65° and 70°; on our extreme north and northwest coasts it did not reach 60°.
WIND	Light from the W. over the greater part of our Islands, but S.W. or S. in the north of Ireland. Moderate to fresh from the W. or S.W. over Denmark, Germany and the Netherlands; light from the S. in Sweden and the south of Norway. N.E. in the west of France; variable in the south of that country.
WEATHER	Dull in the west and northwest of our Islands, with rain at some of the Irish stations. Fair or fine in most other parts of western Europe, but rainy at Wisby. Showers fell yesterday in all the more N. and E. parts of the United Kingdom, with thunder and lightning at some of our E. and S.E. stations. Considerable quantities of rain have fallen in some parts of Scandinavia and Germany.
SEA	Slight or smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow depressions are apparently advancing over our Islands from the northwestward, and unsettled showery weather is therefore likely to continue in most districts.

FORECASTS

For the 24 hours ending at NOON on 2nd AUGUST 1893

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Light breezes, chiefly W. ² , changeable, some showers.	6 SCOTLAND WEST	S.W. ² to W. ² winds, light; cloudy showery.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.	W. ² and S.W. ² winds, light; fair to dull and showery.	8 ENGLAND S.W.	W. ² to N.W. ² winds, light; cloudy, showery.
3 ENGLAND EAST		9 IRELAND NORTH	Same as N ^o 6 and 7.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as N ^o 8.
5 ENGLAND SOUTH		WARNINGS	None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.56	61	54	NW	4	c	2	Valencia ...	30.17	64	60	WNW	4	cv	4
Sumburgh Head ...	29.73	57	50	NNW	4	o	4	Scilly ...	30.07	63	59	WNW	4	c	3
Stornoway ...	29.96	56	54	N	4	o	4	Jersey ...	30.01	66	59	WNW	4	bc	3
Aberdeen ...	29.86	56	50	NNW	5	cq	0	Hurst Castle ...	29.93	67	61	NNW	3	bc	2
Shields ...	29.85	60	58	NNW	3	c	3	Dungeness ...	29.87	61	57	ENE	2	cf	1
Ardrossan ...	29.92	62	61	NW	4	b	3	North Foreland ...	29.84	63	56	NNW	2	bef	3
Malin Head ...	30.02	57	52	NNW	3	o	2	London ...	29.87	67	56	NW	3	cf	3
Mullaghmore ...								Yarmouth ...	29.81	61	53	NW	4	c	4
Belmullet ...	30.12	61	56	NW	2	o	*	Rochefort ...	30.04	67	64	WNW	5	T	*
Holyhead ...	30.00	60	53	NNW	3	bc	3								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

The Continental Information has not yet arrived.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY, 2ND AUGUST. 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Haparanda ...	29.83	59	2	0	b	29.76	-0.05	68	66	+6	SE	2	bc	*	b	?	54	0.08		
	Hernösand ...	29.72	58	SE	4	c	29.53	-0.20	60	58	-2	ESE	6	o	*	c	2	54	0.08		
	Stockholm ...	29.54	63	ENE	4	o	29.58	-0.15	60	57	-5	SW	4	o	*	o	70	53	0.04		
	Wisby ...	29.58	58	NNW	8	T	29.70	-0.03	61	58	-2	WSW	4	b	*	T	64	53	0.58		
	Bodö ...	29.77	51	SW	6	b	29.78	+0.01	51	49	-4	N	2	o	1	b	55	2	-		
	Christiansund...	29.78	54	N	1	c	29.63	-0.05	52	51	-3	NNE	3	T	3	c	57	?	-		
	Skudesnaes ...	29.71	58	S	1	bc	29.64	-0.03	58	53	-1	NNW	2	c	2	T, bc	61	50	-		
	Christiania Fjord (Færd)	2	61	WSW	2	bc	29.56	-0.16	62	57	+1	SW	4	b	2	bc	64	53	-		
	Skagen (The Scaw)	29.67	60	SE	1	bc	29.60	-0.12	58	56	0	SW	1	bc	0	bc	70	50	-		
	Fanö ...	29.71	57	N	6	c	29.73	+0.04	57	53	-2	NNW	6	c	*	c	64	53	0.08		
BRITISH ISLANDS.	Sumburgh Head	29.78	57	NNW	2	o	29.71	-0.06	57	57	0	NNW	1	o	2	c, o	54	47	0.07		
	Stornoway ...	29.79	57	SE	3	bc	29.71	-0.15	56	53	+2	2	0	3	c, bc	58	50	-			
	Wick ...	29.83	54	S	1	bc	29.76	-0.11	55	54	+1	S	1	c	0	bc	58	45	-		
	Nairn ...	29.78	53	E	1	c	29.73	-0.13	53	54	+2	2	0	c	1	c	61	50	-		
	Aberdeen ...	29.83	53	S	2	c	29.74	-0.14	58	54	+6	NNW	1	bc	1	c	59	49	-		
	Leith ...	29.81	57	W	1	o	29.75	-0.14	58	53	+2	W	2	c	*	o	68	53	0.07		
	Shields ...	29.85	57	SE	3	o	29.75	-0.14	53	56	+3	W	2	o	3	c, p, o	63	53	0.06		
	Spurn Head ...	29.86	60	W	3	c	29.79	-0.13	58	57	+1	NNW	2	o, bc	3	c, p	66	53	0.03		
	York ...	29.88	61	W	2	c	29.80	-0.13	60	57	+3	W	2	o, bc	*	c	66	53	0.01		
	Loughborough	29.91	63	WSW	2	o	29.85	-0.13	59	57	+2	W	1	cm	*	o, p	68	53	0.37		
GERMANY & HOLAND.	Ardrossan ...	29.80	56	NE	1	T	29.75	-0.12	53	56	+2	W	4	c	3	o, T	59	54	0.08		
	Malin Head ...	29.83	56	NNW	4	odp	29.83	-0.06	57	54	+4	NNW	3	o	2	o, odp	59	53	0.15		
	Mullaghmore ...	29.81	60	NNW	3	bc, p	29.90	-0.04	60	56	0	SW	2	c	*	o, bc, p	63	53	0.04		
	Belmullet ...	29.84	60	WSW	1	T	29.86	-0.10	57	53	+3	NNW	4	c	2	o	61	54	0.08		
	Liverpool (Bldston)	29.87	53	SW	2	T	29.87	-0.10	53	53	+2	NNW	4	c	3	T	61	56	0.15		
	Holyhead ...	29.87	53	SW	2	d	29.90	-0.03	58	56	+1	W	3	c	2	o, d	62	53	0.08		
	Parsonstown ...	29.91	64	SW	1	o	29.97	+0.03	60	53	+2	SW	1	c	*	o	67	53	0.02		
	Valencia ...	29.06	60	W	4	o, p	29.02	-0.02	61	53	-1	WSW	2	o, p	3	o, o, p	64	57	0.02		
	Roche's Point	29.97	63	NNW	4	bc	29.01	-0.03	60	53	0	W	4	b	3	bc	68	53	-		
	Pembroke (St. Ann's Hd.)	29.91	59	SW	3	T	29.97	-0.07	58	56	0	W	4	bc	4	T	63	57	0.06		
FRANCE AND BELGIUM.	Scilly ...	29.99	61	NNW	3	c, p	29.03	-0.06	61	58	0	NNW	4	c	3	o, p, c, p	69	57	0.14		
	Prawle Point ...	29.00	59	SW	4	c	29.96	-0.10	53	57	-1	NNW	5	c	4	c, T	64	56	0.76		
	Jersey (St. Aubin's)	29.04	65	W	4	bc	29.98	-0.10	64	61	0	W	5	c	4	T, bc, p	67	53	0.13		
	Hurst Castle ...	29.98	67	NNW	3	c	29.90	-0.12	64	61	+3	NNW	3	bc	1	c	69	60	-		
	Dungeness ...	29.93	62	WSW	5	c	29.83	-0.13	64	63	+5	W	3	bc	2	c, T	68	59	0.72		
	North Foreland	29.91	65	W	1	bc	29.81	-0.14	62	60	+4	SW	2	c, p	2	bc	69	53	0.05		
	London ...	29.94	65	W	2	c	29.85	-0.15	63	53	+6	W	2	o, p	*	c, o	68	57	0.04		
	Oxford ...	29.93	60	WSW	2	T	29.87	-0.13	60	53	+2	W	3	o	*	c, T	67	57	0.10		
	Cambridge ...	29.91	65	SW	3	c	29.83	-0.14	61	53	+5	W	4	b	*	c	66	53	0.14		
	Yarmouth ...	29.90	63	SW	2	bc	29.80	-0.12	58	58	+1	SW	1	o, p	*	o, bc	63	53	0.25		
PENINSULA.	Cuxhaven ...	29.87	58	NNW	4	bc	29.87	+0.01	56	53	-3	SW	3	bc	*	bc	63	53	0.20		
	Berlin ...	29.84	58	W	3	b	29.96	+0.16	58	53	+2	W	4	b	*	b	64	54	-		
	Wiesbaden ...	29.09	53	SW	2	*	29.02	+0.06	53	53	-1	NNW	1	bc	*	*	64	50	0.24		
	Munich ...	29.09	53	SW	2	*	29.12	+0.11	57	51	+2	SW	2	b	*	b	61	46	0.24		
	The Helder ...	29.95	59	WSW	1	bc	29.88	-0.03	61	56	+2	WSW	1	bc	1	bc	61	52	-		
	Brussels (9 a.m.)	*	*	*	*	*	29.95	-0.02	53	54	-2	SW	4	T	*	o	63	57	0.24		
	Cape Gris Nez	29.93	61	NNW	5	o	29.86	-0.01	60	53	+4	WSW	5	T	5	o	63	53	0.58		
	Paris ...	29.02	66	W	2	bc	29.02	-0.01	56	53	0	S	1	o	*	b	70	52	-		
	Brest ...	2	67	W	2	bc	?	?	61	53	+4	NNW	2	o	2	bc	72	57	-		
	Lorient ...	29.09	63	W	5	c	29.04	-0.07	62	57	+6	NNW	4	c	*	a	72	57	-		
PENINSULA.	Rocheport ...	29.06	85	NNW	4	b	29.06	-0.01	64	60	+3	W	3	b	*	b	70	53	-		
	Belfort ...	2	60	W	1	b	2	?	53	53	+1	NNW	3	bc	*	c	69	50	-		
	Lyons ...	29.02	68	N	1	b	29.09	+0.04	60	53	+1	E	1	b	*	b	72	49	-		
	Nice ...	29.86	71	SW	1	b	29.95	+0.10	66	57	0	E	1	b	2	b	77	59	-		
	Perpignan ...	29.02	73	W	2	o	29.09	+0.06	69	63	-3	2	0	o	*	o	81	63	-		
	Biarritz ...	29.08	69	NNW	3	b	29.10	+0.02	64	59	0	E	2	b	2	b	75	59	-		
	Corunna ...	29.93	71	N	5	*	29.94	-0.01	70	64	+1	ENE	3	b	*	*	81	64	-		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charis on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 2nd August 1893.

BAROMETER, WIND AND 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.

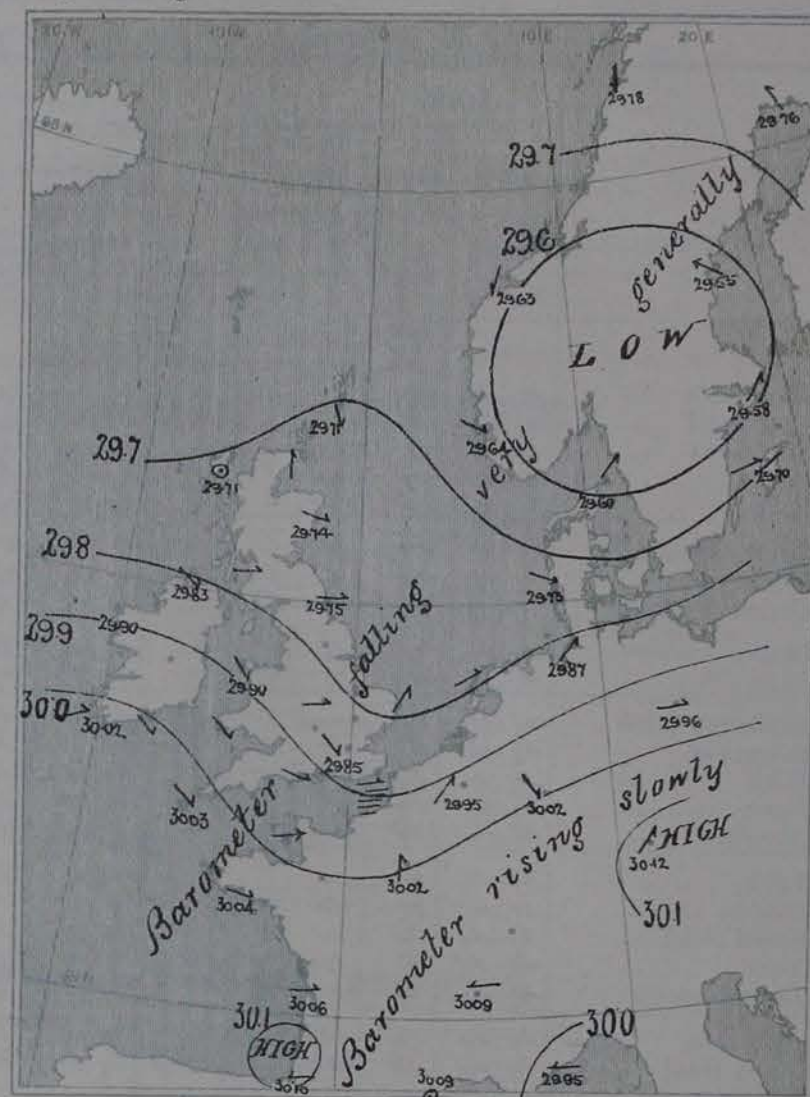
MEAN HEIGHT OF THE BAROMETER

at 8 a.m. for the month of August.
 During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sundburgh Head	29.781
Stornoway	29.796
Wick	29.819
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.957
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.994
Parsonstown	29.999
Valencia	29.997
Roche's Point	29.997
Pembroke	29.998
Scilly	29.999
Prawle Point	29.999
Jersey	29.999
Hurst Castle	29.999
Dover	29.999
LONDON	29.999
Oxford	29.999
Cambridge	29.999
Yarmouth	29.999



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.

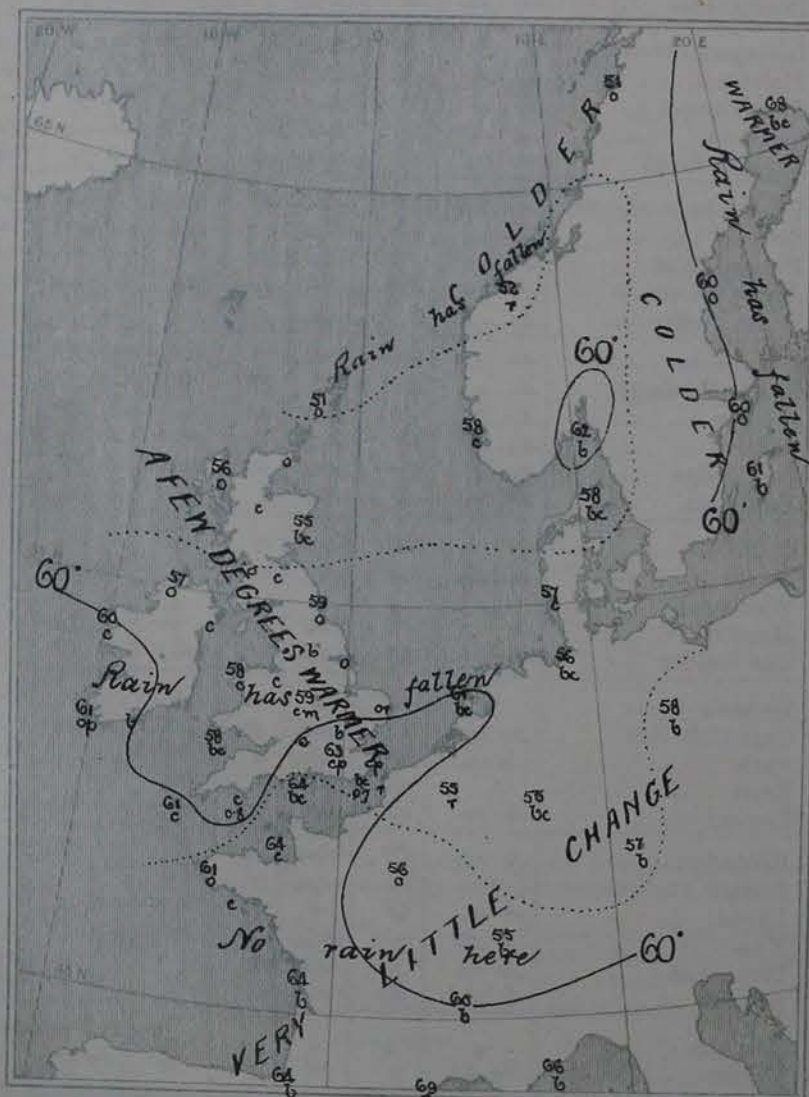
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of August.)

STATIONS.	TEMPERATURE				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry.	Wet.	
Sundburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	58.8	48.8	54.3	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.3	52.7	2.75
Aberdeen	63.1	50.1	56.5	54.1	3.03
Leith	65.7	51.3	57.5	54.3	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.2	55.0	58.8	56.6	1.80
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	69.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	51.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.2	56.3	3.02
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871–90, the Rainfall means are mainly those for the 25 years 1866–90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. to 30.1 ins. over the extreme southwest of our Islands, the Bay of Biscay, the greater part of France and the greater part of Germany.
Lowest 29.6 ins. and less in a large depression lying over the southern part of Scandinavia.
Gradients slight. Barometer falling in our Islands and Scandinavia, but rising at most of the French and German stations.

TEMPERATURE

Highest (1) 70° at Lisbon, 69° at Perpignan, 66° at Nice, and 64° at Jersey, Hurst Castle, Dungeness, Rochefort and Biarritz; (2) 68° at Haparanda.
Lowest 55° at Bodø and Sumburg Ht., 52° at Christiansund, and 51° at Wick, Kairi & Aberdeen; (2) 55° at Brussels, Wiesbaden and Belfort.

WIND

During yesterday the thermometer over the central and southern part of our Islands rose to between 65° and 70°; on our extreme north and northwest coasts it did not reach 60°.
Light or moderate from the Wnd over the greater part of our Islands, — inclining to the NWnd on the western and southern coasts of Great Britain, but to the SWnd in the west of Ireland.
SWnd over the Netherlands, North Germany, Denmark and the south of Scandinavia; End in the north of Sweden; Nnd or NWnd in the west of Norway.
Variable or light from the End over the southern parts of France.

WEATHER

Fair over the greater part of the United Kingdom, but showery at some of the southern stations.
Fine and bright over Denmark, Germany and the greater part of France.
Raining at Brussels and Cape Gris Nez; cloudy in Scandinavia, with rain at Christiansund.
Since yesterday morning rain has fallen in most parts of the United Kingdom, the largest amounts being 0.8 inch at Brawle Point, and 0.7 inch at Dungeness.

SEA

Moderate to smooth generally, but rather rough at Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Conditions are favourable for the advance of further shallow depressions over our Islands, and changeable showery weather is therefore likely to continue in nearly all districts.

FORECASTS

For the 24 hours ending at NOON on 3rd AUGUST 1893.

DISTRICTS.

FORECASTS.

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

SWnd and Wnd winds, light; changeable, some showers.

Wnd to SWnd winds, light or moderate; changeable, some showers.

DISTRICTS.

FORECASTS.

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

Varying Wnd (SWnd to NWnd) winds; changeable, showery.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.71	61	57	WNW	1	7	3	Valencia ...	30.04	62	60	NW	4	CV	4
Sumburgh Head ...	29.78	53	50	NNW	1	C	3	Scilly ...	30.04	65	62	SW	3	ofm	3
Stornoway ...	29.82	58	56	S	3	C	3	Jersey ...	30.08	65	61	W	3	C	3
Aberdeen ...	29.85	57	57	ESE	1	C	2	Hurst Castle ...	30.00	63	64	NNW	3	C	2
Shields ...	29.86	63	56	W	2	C	3	Dungeness ...	29.50	63	58	WNW	3	C	4
Ardrossan ...	29.86	57	54	SSE	2	0	1	North Foreland ...	29.50	65	59	NNW	3	bc	2
Malin Head ...	29.83	58	58	NNW	4	0	2	London ...	29.97	69	56	W	3	C	*
Mullaghmore ...								Yarmouth ...	29.93	60	55	ESE	3	0	3
Belmullet ...	29.94	62	58	NW	2	bc	*	Rochefort ...	30.08	72	67	NNW	3	0	*
Holyhead ...	29.93	60	57	SW	3	C	1								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Algeria, the Mediterranean and greater part of France, together with the southern parts of England, cloudy or overcast elsewhere and unsettled. Showers falling in the extreme west and over some parts of central Europe. Rain later more or less over nearly the whole of the British Islands, the northeast of France, Germany and Sweden - amounts exceeding 0.7 ins. at Dungeness and Pwll Point, and 0.3 ins. at Paris.

Temperature changing very little. Morning reading highest 79° to 70° over the Mediterranean except on its northern shores, as well as on the south coast of Russia, and exceeding 60° over the remainder of Russia, with the Baltic, Finland and Sweden; Lowest 51° at Sumburgh H., 52° at Aberdeen, 53° at Malin Head and Vain, and 55° on the northwest coast of Norway and at Münster. Rising later to 81° at Perpignan, and to 70° at Paris, but failing to reach 70° at any of our own stations - at which the highest values recorded were 69° at Hurst Castle, and 68° at Dungeness and in London.

Wind was (1) W² to NW² over our Islands, the Netherlands, and the Channel, NE² to N² over the southwest of France and in Spain; (2) E² to SE² over Russia, Finland and south of Sweden. Very variable elsewhere, faint cyclonic circulation being prevalent over northern, central and southern Europe. New but small cyclonic circulation advancing over our northwestern districts later.

Barometer Highest 30.1 ins. to 30.0 ins. and more (1) over the Bay of Biscay, Spain, France and (2) over the north and northeast of Russia. Lowest (1) 29.6 ins. and less over Finnmark and the north of Sweden, and below 29.7 ins. in other depressions (1) over the eastern side of the North Sea, and (2) over Poland, Hungary and the southwest and south of Russia; below 29.9 ins. over the northeastern parts of the Mediterranean also. New disturbance reaching our northwest coasts later and another forming over the Baltic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on THURSDAY, 3RD AUGST. 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.					
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Weather.	Max.	Min.	Amount of Rainfall.					
Inch.	°			Inch.										°		Inch.				
SCANDINAVIA.	Haparanda ...																			
	Hernösand ...	29.63	54	S	2	bc	29.63	+0.8	56	53	-4	S	6	C	bc	61	54	—		
	Stockholm ...	29.68	60	SE	2	b	29.77	+1.9	62	55	+2	SW	2	0	b	70	57	—		
	Wisby ...	29.76	55	S	4	b	29.86	+1.6	62	55	+1	SW	4	bc	b	68	55	—		
	Bodö ...	29.45	65	E	2	c	29.54	-2.4	55	52	+4	NW	1	bc	c	?	50	—		
	Christiansund...	29.56	51	WNW	6	T	29.55	-0.8	51	49	-1	SW	2	f	T	52	48	1.02		
	Skudesnaes ...	29.66	57	NW	4	0	29.67	+0.3	56	52	-2	S	2	C	C, O	55	—	—		
	Christiania Fjord (Fjorder)	29.41	65	WNW	5	b	29.65	+0.9	60	55	-2	W	5	b	b	59	—	—		
	Skagen (The Seaw)	29.65	59	W	5	0	29.70	+1.3	57	54	-1	SW	2	0	0	64	54	0.04		
	Fanö ...	29.79	57	WNW	2	c	29.78	+0.5	60	57	+3	W	5	C	c	64	57	—		
BRITISH ISLANDS.	Sumburgh Head	29.66	54	NW	2	bc	29.55	-1.6	53	50	+2	E	1	0	C, bc	58	48	—		
	Stornoway ...	29.66	56	N	2	0	29.54	-3.5	54	54	-2	SE	5	T	0	60	50	0.21		
	Wick ...	29.71	54	S	1	0	29.49	-2.5	54	54	-1	S	4	0	0	60	52	0.15		
	Nairn ...	29.67	56	S	0	T	29.41	-3.2	56	55	+1	S	0	T	0	61	49	0.07		
	Aberdeen ...	29.69	56	SE	2	0	29.47	-2.7	56	54	-2	S	2	0	C, O, f	62	51	0.03		
	Leith ...	29.71	58	W	2	C	29.44	-3.1	61	60	+3	S	1	T	C	65	58	0.15		
	Shields ...	29.75	62	WNW	4	C, f	29.54	-2.1	61	60	+2	SW	2	T	C, C, f	68	58	0.48		
	Spurn Head ...	29.80	63	WNW	2	C	29.68	-1.1	64	61	+6	SW	5	0	C, f	66	56	0.01		
	York ...	29.81	63	W	3	bc	29.63	-1.7	62	61	+2	S	4	T	bc	69	54	0.23		
	Loughborough	29.87	64	W	3	C	29.74	-1.1	64	60	+5	SW	4	O, W	C	69	57	0.01		
BRITISH ISLANDS.	Ardrossan ...	29.73	56	SW	1	T	29.43	-3.6	58	58	-1	SW	4	0	0, T	62	52	0.30		
	Malin Head ...	29.60	54	SE	4	OT	29.44	-3.9	56	55	-1	W	4	C, f	OT	60	54	0.28		
	Mullaghmore ...																			
	Belmullet ...	29.67	61	SW	4	OU	29.54	-3.6	59	56	-1	WNW	2	0	OT, OU	61	56	0.50		
	Donaghadee ...	29.75	56	SW	4	OT	29.51	-3.5	62	61	+5	SW	4	C	T, O	65	56	0.22		
	Liverpool (Bidston)	29.84	58	WNW	2	T	29.61	-2.6	64	61	+5	SW	5	T	T	64	56	0.18		
	Holyhead ...	29.84	59	SW	2	T, W, m	29.59	-3.1	61	60	+3	SW	5	T, W, m	C, T, W, m	67	57	0.21		
	Parsonstown ...	29.75	62	SW	1	T	29.62	-3.5	60	57	0	SW	1	0	OT	64	58	0.19		
	Valencia ...	29.84	63	SW	4	O, W, m	29.71	-3.1	61	60	0	WNW	2	OT, m	O, W, m	65	59	0.24		
	Roche's Point	29.86	61	WNW	4	d	29.70	-3.1	63	59	+3	WNW	4	bc	d	68	58	0.15		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.92	61	W	5	C	29.70	-2.7	62	62	+4	SW	6	OT	C	65	57	0.14		
	Scilly ...	29.83	63	SW	4	C	29.86	-1.7	62	61	+1	SW	5	O, W, f	bc, C	65	58	0.01		
	Prawle Point ...	29.80	60	WNW	5	b	29.96	0.0	60	59	+1	WNW	6	C	b	64	56	—		
	Jersey (St. Aubin's)	29.84	66	WNW	5	bc	29.82	+0.4	64	60	0	SW	5	C, f	bc	68	59	—		
	Hurst Castle ...	29.96	71	WNW	3	bc	29.92	+0.2	63	61	-1	SW	6	C	bc	72	59	—		
	Dungeness ...	29.89	66	W	2	C	29.91	+0.8	64	62	0	WNW	5	C	C	74	56	—		
	North Foreland	29.87	67	NW	2	bc	29.88	+0.8	63	59	+1	SW	4	O, W	bc	70	54	0.02		
	London ...	29.89	69	WNW	2	bc	29.88	+0.3	65	60	+2	SW	4	C	bc, C, b	71	55	—		
	Oxford ...	29.92	59	WNW	2	C	29.82	-0.5	63	60	+3	SW	5	O, W	C	68	58	—		
	Cambridge ...	29.88	66	WNW	3	b	29.81	-0.2	63	60	+2	S	7	0	0	70	54	—		
GERMANY & HOLLAND.	Yarmouth ...	29.83	63	SE	2	b	29.81	+0.1	62	58	+4	SW	5	C	C, b	66	56	0.06		
	Cuxhaven ...	29.87	60	SW	2	bc	29.90	+0.3	60	59	+4	SW	2	f	bc	63	56	—		
	Berlin ...	29.92	63	SW	1	b	29.98	+0.2	62	58	+4	W	4	f	b	70	52	—		
	Wiesbaden ...						29.97	+0.5	59	58	+4	SW	2	0	#	64	46	0.08		
	Munich ...	29.10	59	S	0	0	29.88	+0.6	61	57	+4	SW	5	bc	0	68	52	0.04		
	The Helder ...	29.87	62	WNW	2	C	29.90	+0.2	62	59	+1	SW	5	C	C	64	59	0.04		
	Brussels (9 a.m.)						29.01	+0.6	60	57	+5	SW	2	b	bc	65	55	0.20		
	Cape Gris Nez	29.89	62	WNW	5	O, bc	29.93	+0.7	61	58	+1	WNW	5	bc	0	63	59	0.33		
	Paris ...	29.93	65	SW	2	b	29.89	+0.7	57	54	+1	S	2	0	bc	70	49	—		
	Brest ...		67	NW	2	b			62	59	+1	NW	2	0	0	70	57	—		
FRANCE AND BELGIUM.	Lorient ...	29.07	64	W	5	b	29.05	+0.1	63	58	+1	SW	2	bc	b	70	55	—		
	Rochefort ...	29.07	67	NW	4	b	29.07	+0.1	62	60	-2	SE	1	0	0, b	75	55	—		
	Belfort ...		66	SW	2	bc			56	50	+1	SW	1	0	bc	74	50	—		
	Lyons ...	29.04	71	WNW	1	bc	29.15	+0.6	64	57	+4	N	1	0	bc	80	56	—		
	Nice ...	29.01	66	S	2	b	29.09	+1.4	66	60	0	E	1	0	b	75	57	—		
	Perpignan ...	29.04	70	NE	2	b	29.12	+0.3	68	62	-1	2	0	0	86	58	—			
	Biarritz ...	29.08	71	NW	2	b	29.04	-0.6	62	59	-2	ENE	2	0	b	75	57	—		
	Corunna ...																			
	Lisbon ...	29.86	80	WNW	6	b	29.89	-0.5	78	67	+8	E	2	0	#	88	70	—		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 3rd August, 1893.

BAROMETER, WIND AND 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

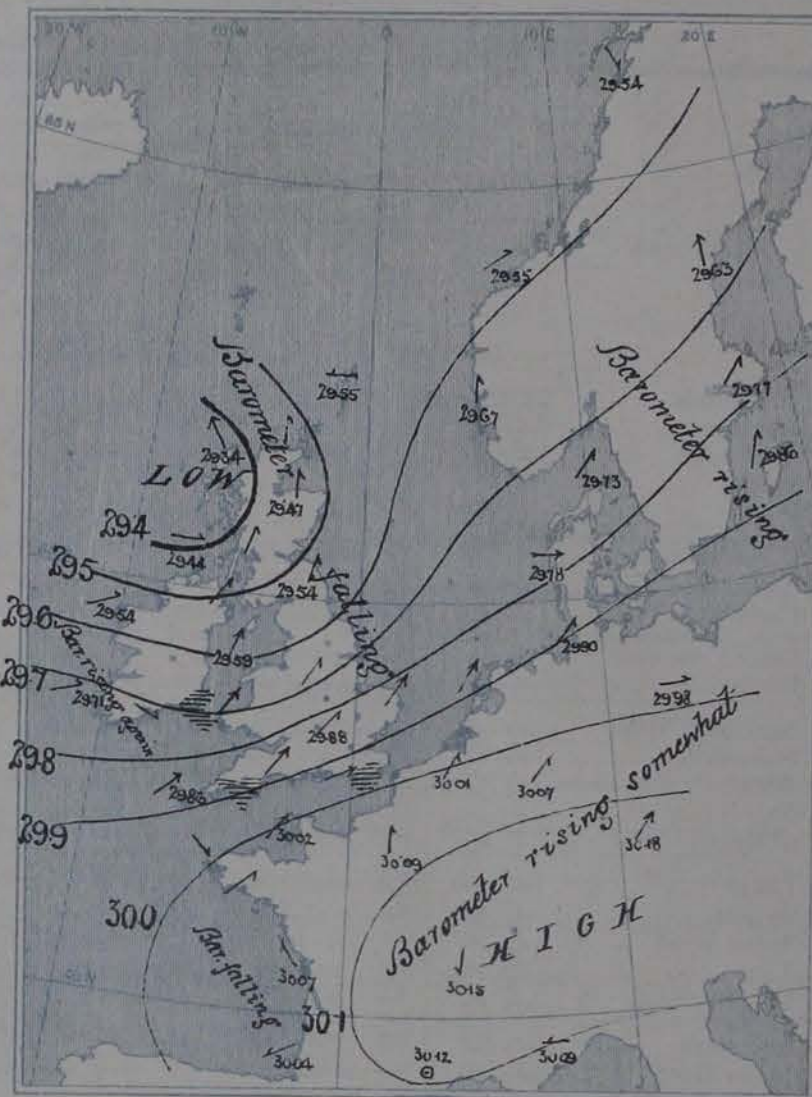
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormoway	29.790
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrrossan	29.957
Mullaghmore	29.988
Donaghadee	29.979
Holyhead	29.967
Liverpool	29.966
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

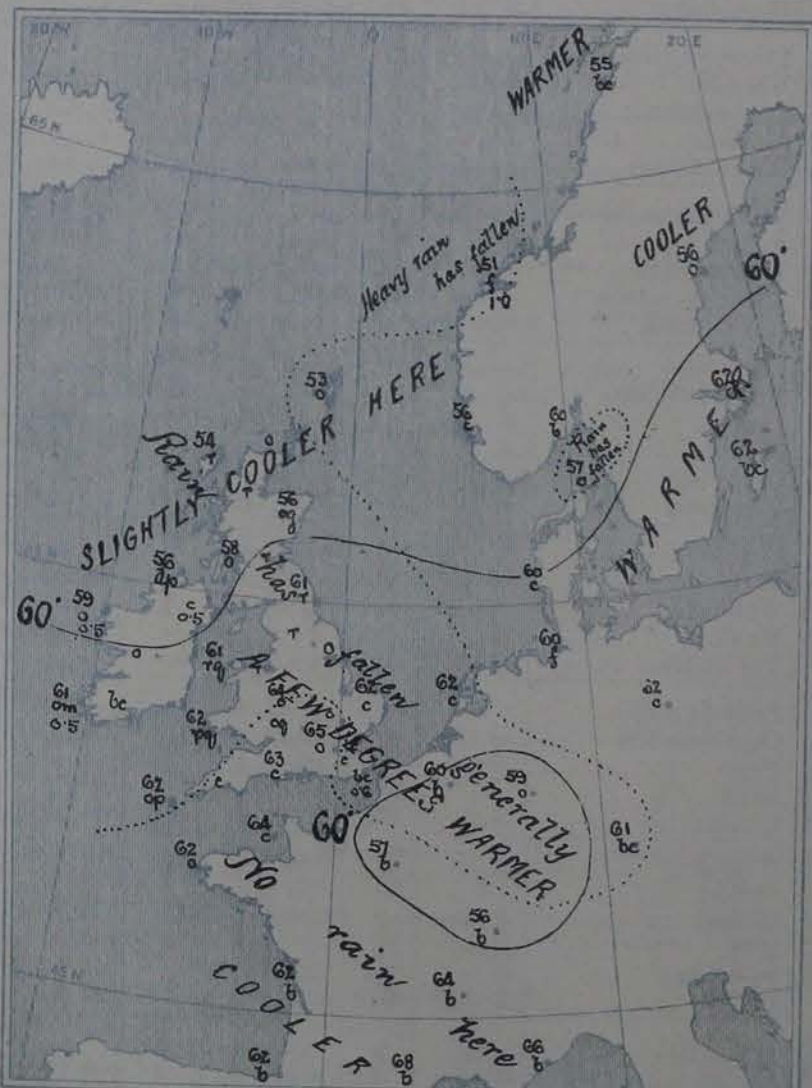
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry, at 8 a.m.	Wet, at 8 a.m.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stormoway	59.8	48.8	54.0	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.59
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.0	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.0	2.53
Ardrrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	50.8	57.8	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	54.4	57.8	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.34
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	69.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over south Germany & the central & S. part of France.
Lowest 29.4 ins. and less in a depression lying off the west of Scotland.

Gradients moderate over England, but slight elsewhere.

Barometer falling in most parts of our Islands and also in the west of France, but rising again at Valence (Ireland); rising over Denmark, Germany, the S. part of Scandinavia & the central & S. part of France.

Highest 78° at Lisbon, 68° at Perpignan, 66° at Nice, 65° in London, and 64° at Spurn Head, & Longborough, Liverpool, Jersey, Dungeness and Lyons.

TEMPERATURE

Lowest (1) 51° at Christiansund, 53° at Sumburgh H., 54° at Stornoway and Wick, & 55° at Bodo; (2) 56° at Belfort & 57° at Paris.

During yesterday the thermometer rose to 65° or more at most of the English & Irish stations, and to 70° or more in the south of England, the highest reading of all being 74° at Dungeness.

WIND

Moderate from the W. in Ireland; fresh or strong from the S.W. over England and the Channel and moderate from the same quarter over Denmark, Germany and the Netherlands. S. or S.E. in Scotland and Scandinavia.

Light from the E. over the southern parts of France.

WEATHER

Rainy in the western and northern parts of Great Britain and cloudy over the United Kingdom generally, with showers in the north of Ireland.

Fair or fine at most of the Continental stations, but foggy at Cuxhaven.

Since yesterday morning rain has fallen in the west and north of our Islands generally, the largest amounts being 0.5 inch at Belmullet, Donaghadee and Valence (Ireland) 1.0 inch of rain has fallen at Christiansund. A lunar halo was seen at Dungeness yesterday.

SEA

Moderate to smooth generally, but rather rough at Pembroke & Pwllheli and Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the west of Scotland seems likely to travel in a northeasterly direction, but secondary systems will probably advance over Ireland and England. Unsettled weather is likely in most districts, with strong S.W. winds on our southern coasts.

FORECASTS

For the 24 hours ending at NOON on 4TH AUGUST 1893.

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

SE^{ly} to variable breezes; dull, rain at times.

1 SCOTLAND EAST

S^{ly} to SW^{ly} winds, moderate; dull and rainy at first, but improving later.

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

SW^{ly} winds, fresh or strong; squally, showery.

5 ENGLAND SOUTH

DISTRICTS.

FORECASTS.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

SW^{ly} to W^{ly} winds, fresh or strong; squally, showery.

W^{ly} and SW^{ly} winds, fresh; changeable, some rain.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.65	60	55	SW	6	C	2	Valencia ...	29.83	61	61	S	4	mg	4
Sumburgh Head	29.68	56	53	NW	1	C	2	Scilly ...	29.04	65	60	WNW	4	bc	3
Stornoway ...	29.70	60	55	NW	2	O	2	Jersey ...	29.03	68	60	W	5	bc	4
Aberdeen ...	29.72	55	54	SE	2	C	2	Hurst Castle	29.94	69	61	WNW	4	bc	1
Shields ...	29.75	66	58	WNW	4	C	2	Dungeness...	29.85	68	64	WNW	4	C	3
Ardrossan ...	29.78	61	58	SW	2	O	1	North Foreland...	29.84	68	62	NW	4	bc	3
Malin Head ...	29.78	55	53	WNW	4	OT	2	London ...	29.88	71	59	WNW	3	bc	*
Mullaghmore	29.78	55	53	WNW	4	OT	2	Yarmouth ...	29.80	65	59	NW	4	C	3
Belmullet ...	29.78	55	53	SW	5	OT	*	Rochefort ...	29.08	67	64	WNW	4	O	*
Holyhead ...	29.81	65	55	SW	3	C	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southwestern and southeastern Europe, as well as the northern parts of Russia; changeable elsewhere, with showers in a few places, but a showery tendency in many. Rain falling later over the northern and western parts of the United Kingdom, as well as in the Netherlands and North Germany, and slight showers on our extreme east coasts; amounts considerable at our extreme northwestern stations, and a heavy fall at Christiansund.

Temperature fallen fast in the south of Russia, not changed materially elsewhere. Morning readings 82° at Brindisi, and exceeding 70° over the southern parts of the Mediterranean, at the coast stations of southeastern Europe, and also over Finland and the north of Russia. Below 60° over central Europe, the northwestern and northern parts of the British Islands, and Norway. Lowest 51° at Bodø and Sumburgh Head, 52° at Christiansund, 55° at Narvik, Brussels and Wiesbaden. Touching 88° at Lisbon, 86° at Perpignan, 80° at Lyons later, and slightly exceeding 70° over the southern parts of England; scarcely exceeding 60° in the northern parts of Scotland and Ireland.

Wind NW² to W² over the British Islands, the Channel and west of France, and blowing freshly at some of the Channel stations, W² to SW² over North Germany (fresh in places) S² to SE² over Finland, E² to N² light over the northern parts of Scandinavia. Very variable over southern Europe and the Mediterranean, NE² over Spain. Backing to SW. and S. on our western coasts later, and freshening.

Barometer Highest 30.1 ins. and more to 30.0 ins. (1) over central Russia, (2) over the Bay of Biscay, Spain and the southern countries of Europe generally. Lowest 29.6 ins. and less in a large shallow depression over Scandinavia, and below 29.8 ins. in a long "V" stretching from the Baltic Provinces across western and southwestern Russia to the Black Sea. Rather below 30.0 ins. over the northern parts of the Mediterranean and Italy, with the Adriatic. Falling on our western and northwestern coasts later, and fell spreading eastwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on FRIDAY, 4TH AUGUST,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Haparanda ...	29.81	58	SW	2	0	29.85	+21	59	57	+1	SW	6	0	*	0	66	53	—		
	Hernösand ...	29.73	56	S	4	C	29.77	+14	56	54	0	S	4	0	*	C	59	46	—		
	Stockholm ...	29.89	59	S	2	C	29.87	+10	63	59	+1	SW	4	C	*	C	68	54	—		
	Wisby ...	29.95	59	ESE	4	C	29.97	+11	67	62	+5	SW	4	C	*	C	68	55	—		
	Bodö ...	29.62	58	S	0	C	29.57	-01	60	58	+5	E	2	C	*	C	70	50	0.16		
	Christiansund...	29.60	54	SW	2	C	29.41	-14	53	53	+4	S	0	T	0	C	55	48	0.04		
	Skudesnaes ...	29.53	57	SE	6	T	29.57	-10	59	57	+3	S	6	0	4	C, T	61	56	—		
	Christiania Fjord (Færdler)	29.72	60	SW	4	0	29.63	-02	63	60	+3	SW	5	M	4	0	63	57	—		
	Skagen (The Scaw)	29.67	59	SW	5	0	29.69	-04	60	59	+3	SW	3	0	2	0, T	66	54	0.75		
	Fanö ...	29.76	62	SW	7	T	29.75	-03	62	61	+2	SW	5	C	*	T	64	59	0.20		
BRITISH ISLANDS.	Sumburgh Head	29.35	53	E	3	T	29.36	-13	51	51	-2	NE	2	T	4	T	56	50	0.81		
	Stornoway ...	29.29	58	S	5	T	29.37	+03	59	57	+5	SW	3	C	3	C, T	61	52	0.04		
	Wick ...	29.36	53	S	1	0	29.44	-03	60	59	+6	N	1	C	1	0	60	50	0.20		
	Nairn ...	29.36	61	SW	1	C	29.41	00	61	56	+5	SW	2	C	1	C	65	48	0.06		
	Aberdeen ...	29.39	66	SW	2	C	29.47	00	60	58	+4	SW	2	C	1	C	67	50	0.01		
	Leith ...	29.47	57	W	2	C	29.47	+03	62	56	+1	SW	2	C	*	C	67	53	0.09		
	Shields ...	29.54	67	SW	2	C	29.54	00	61	57	0	SW	4	C	2	C	71	54	0.18		
	Spurn Head ...	29.62	65	SW	5	C	29.64	-04	62	59	-2	SW	3	C	3	C	70	57	0.13		
	York ...	29.62	65	SW	3	C	29.62	-01	59	57	-3	SW	1	C	*	C	70	54	0.25		
	Loughborough	29.68	64	SW	2	C	29.68	-06	61	58	-3	SW	2	C	*	C	71	57	0.49		
GERMANY & HOLLAND.	Ardrossan ...	29.49	59	SW	1	0	29.47	+04	58	56	0	SW	4	C	3	C	64	54	0.11		
	Malin Head ...	29.46	59	SW	5	C	29.58	-06	56	54	0	SW	4	C	3	C	63	53	0.06		
	Mullaghmore ...	29.54	61	SW	4	C	29.44	-10	57	56	-2	W	6	T	*	C	62	55	0.17		
	Belmullet ...	29.55	60	W	2	T	29.49	-02	59	56	-3	SW	5	C	3	C	70	58	0.03		
	Donaghadee ...	29.55	60	W	2	T	29.49	-02	59	56	-3	SW	5	C	3	C	70	58	0.03		
	Liverpool (Bldston)	29.63	64	SW	2	0	29.60	-01	61	56	-5	SW	2	C	2	0	67	58	0.46		
	Holyhead ...	29.63	61	SW	2	0	29.59	00	61	56	0	SW	4	C	4	C	67	55	0.01		
	Parsonstown ...	29.62	63	SW	2	C	29.56	-06	56	54	-4	SW	1	T	*	C	67	52	0.17		
	Valencia ...	29.71	61	SW	5	C	29.67	-04	60	57	-1	SW	5	C	5	C	65	54	0.10		
	Roche's Point	29.71	63	SW	4	C	29.66	-04	60	55	-5	W	4	C	4	C	68	54	—		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.71	62	SW	4	C	29.67	-04	60	57	-2	W	5	C	5	C	64	57	0.45		
	Scilly ...	29.80	60	SW	4	C	29.77	-03	62	58	0	SW	5	C	5	C	66	56	0.53		
	Prawle Point ...	29.83	59	SW	5	0	29.78	-18	59	58	-1	SW	5	C	4	C	62	57	0.31		
	Jersey (St. Aubin's)	29.92	68	SW	4	C	29.83	-19	65	62	+1	SW	5	C	4	C	70	62	—		
	Hurst Castle ...	29.83	64	SW	7	C	29.76	-16	63	62	0	SW	6	C	4	C	67	60	0.01		
	Dungeness ...	29.88	65	SW	4	C	29.75	-16	62	62	-2	SW	5	C	4	C	67	61	0.09		
	North Foreland	29.83	66	SW	4	C	29.73	-16	62	61	-1	SW	4	C	4	C	68	59	0.06		
	London ...	29.83	65	SW	4	0	29.74	-14	63	60	-2	SW	1	C	*	C	67	60	0.04		
	Oxford ...	29.77	62	SW	4	T	29.71	-11	61	58	-2	SW	2	C	*	C	66	58	0.38		
	Cambridge ...	29.75	64	SW	7	T	29.71	-10	62	60	-1	S	4	0	*	C	71	57	0.20		
PENINSULA.	Yarmouth ...	29.75	65	SW	4	C	29.70	-11	63	61	+1	SW	3	C	3	C	70	60	0.13		
	Cuxhaven ...	29.93	61	SW	2	C	29.91	+01	63	60	+3	SW	3	C	*	C	67	60	—		
	Berlin ...	29.01	66	SW	1	C	29.02	+04	63	58	+1	SW	2	C	*	C	73	57	—		
	Wiesbaden ...	29.00	61	SW	1	C	29.00	-07	61	59	+2	S	0	C	*	C	72	54	—		
	Munich ...	29.15	64	S	0	C	29.12	-06	62	58	+1	SE	2	C	*	C	73	48	—		
	The Helder ...	29.87	63	SW	5	C	29.81	-09	66	61	+4	SW	4	C	3	C	66	61	—		
	Brussels (9 a.m.)	29.88	64	SW	5	C	29.88	-18	70	61	+10	SW	4	C	*	C	71	57	—		
	Cape Gris Nez	29.88	64	SW	5	C	29.78	-15	63	61	+2	S	4	C	4	C	64	53	—		
	Paris ...	29.96	77	SW	2	C	29.89	-20	64	59	+7	SE	2	C	*	C	73	54	—		
	Brest ...	29.96	63	SW	2	0	29.89	-20	61	60	-1	SW	2	C	3	0	66	55	0.16		
FRANCE AND BELGIUM.	Lorient ...	29.97	66	SW	2	C	29.89	-16	64	62	+1	SW	4	C	3	C	72	61	—		
	Rochefort ...	29.95	68	SW	2	C	29.95	-12	64	64	+2	SW	3	0	*	C	82	63	—		
	Belfort ...	29.95	72	W	1	C	29.95	-12	67	61	+11	SW	2	0	*	C	79	53	—		
	Lyons ...	29.99	78	SE	1	C	29.93	-22	69	61	+5	SW	2	0	*	C	82	60	—		
	Nice ...	29.99	70	S	0	C	29.97	-22	69	63	+3	E	2	0	*	C	75	59	—		
	Perpignan ...	29.99	76	NE	2	C	29.92	-10	70	68	+2	NE	2	0	*	C	81	65	—		
	Biarritz ...	29.99	76	E	4	C	29.92	-22	71	69	+2	SW	4	0	2	C	90	62	0.04		
	Corunna ...	29.99	76	E	4	C	29.92	-22	71	69	+2	SW	4	0	2	C	90	62	0.04		
	Lisbon ...	29.99	76	E	4	C	29.92	-22	71	69	+2	SW	4	0	2	C	90	62	0.04		
	Lisbon ...	29.99	76	E	4	C	29.92	-22	71	69	+2	SW	4	0	2	C	90	62	0.04		

For Explanation of Columns, see bottom of last page.

† Entered too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 4th August, 1893.

BAROMETER, WIND AND 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

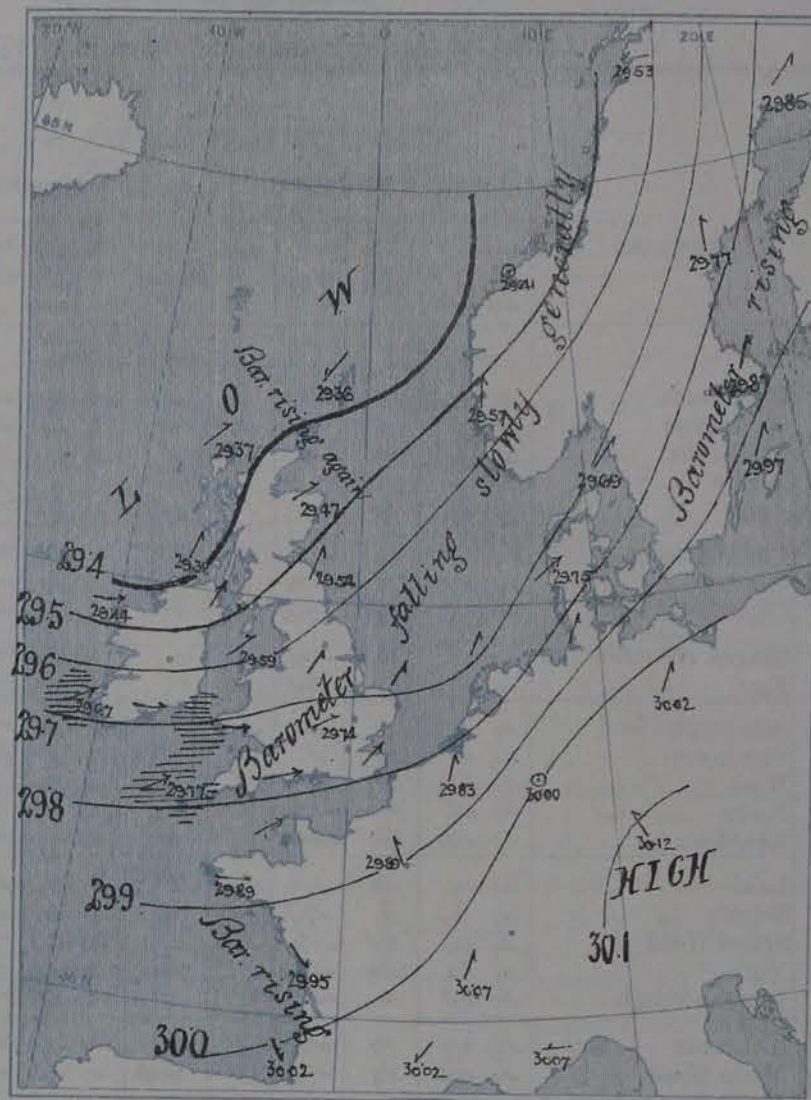
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Androssan	29.957
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.986
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Selly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	Dry, at 8 a.m.	Wet.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stormoway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.9	2.61
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.59
Shields	63.6	51.9	57.2	53.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	54.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	9.53
Androssan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	55.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	54.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.0	56.5	2.77
Selly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.2	2.26
Dover	67.2	56.5	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	69.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards over South Germany, and also in the south of Portugal.
Lowest 29.4 ins. and less in the west and extreme north of Scotland.

Gradients slight. Barometer falling a little at some of our western stations as well as in Norway, the Netherlands and the northeast of France, rising in most other localities.

TEMPERATURE

Highest 73° at Lisbon, 71° at Biarritz, 70° at Brussels and Perquigny, 69° at Lyons and Nice and 67° at Wisby and Belfast.
Lowest 51° at Sumburgh Head, 55° at Christiansund, 56° at Hernösund, Malin Head and Lonsdown, and 57° at Belmullet.

During yesterday the thermometer rose to 70° or a little more at several of our E. & central stations, as well as at Donaghadee.

WIND

SW² over the greater part of our Islands, as well as in Denmark, North Germany and the Netherlands, light or moderate in force generally, but fresh or strong on the more exposed parts of our western and southern coasts.

Light to fresh from the S. and in Scandinavia.

NW² in the west of France, light and variable in the south of that country.

Fine in many parts of the United Kingdom, but showery at some of our western & southern stations.

Cloudy or overcast in the west of France, and also in Scandinavia, with rain at Christiansund.

WEATHER

Fine and bright over the Netherlands, Germany and the central and southern parts of France.

In the course of the past 24 hours rain has fallen in nearly all parts of the Kingdom, the largest amounts being 0.8 inch at Sumburgh Head, and 0.5 inch at Loughborough, Liverpool, Pembroke and Scilly. Thunder was heard at Loughborough yesterday, and thunder and lightning occurred at Biarritz.

SEA

Rather rough on our southwest coasts, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow depressions continue to pass over our Islands from the westward, and changeable showery weather is therefore probable in most districts.

FORECASTS

For the 24 hours, ending at NOON on 5TH AUGUST 1893.

DISTRICTS.

FORECASTS.

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

S² to SW² winds, light or moderate; fine to showery.

SW² winds, moderate or fresh; fair generally, but local showers, possibly thunder.

DISTRICTS.

FORECASTS.

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

SW² and W² winds, fresh;

changeable, showery.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29. 65	60	56	S	6	C	4	Valencia ...	29. 73	63	61	SW	4	cm	4
Sumburgh Head ...	29. 46	52	51	E	3	T	3	Scilly ...	29. 83	62	61	SW	4	T	4
Stornoway ...	29. 50	60	55	S	5	C	5	Jersey ...	29. 97	71	63	SW	4	be	2
Aberdeen ...	29. 38	64	55	SW	3	C	3	Hurst Castle ...	29. 88	65	63	SW	6	ben	5
Shields ...	29. 50	67	63	SW	4	p	2	Dungeness ...	29. 91	65	62	WSW	6	o	5
Ardrossan ...	29. 43	62	58	SW	4	C	3	North Foreland ...	29. 87	67	61	SW	5	cq	5
Malin Head ...	29. 46	62	58	WSW	6	bp	4	London ...	29. 84	66	51	SW	3	o	*
Mullaghmore ...								Yarmouth ...	29. 77	69	62	SW	6	C	5
Belmullet ...	29. 56	62	58	WSW	5	b	*	Rochefort ...	29. 02	75	67	WNW	3	b	*
Holyhead ...	29. 64	65	60	SW	3	b	3								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not yet received

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on SATURDAY, AUGUST 5TH 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
		Ins.	°				Ins.	°	°	°							°	Ins.		
SCANDINAVIA.	Haparanda ...	29.78	59	06W	6	T	29.84	-0.1	60	59	+1	SW	4	0	7	66	53	0.20		
	Hernösand ...	29.72	55	0	6	0	29.78	+0.1	59	57	+2	0	4	0	0	59	52	0.12		
	Stockholm ...	29.87	62	06E	2	0	29.77	-1.0	70	63	+7	SE	6	0	0	72	57	—		
	Wisby ...	29.93	65	0	4	0	29.80	-1.7	72	63	+9	0	4	0	0	78	57	—		
	Bodö ...	29.50	56	ESE	1	bc	29.67	+1.4	50	44	-10	WNW	4	0	bc	64	44	0.08		
	Christiansund...	29.58	53	WNW	2	0	29.65	+1.24	55	53	0	ESE	1	0	0	63	44	—		
	Skudesnaes ...	29.61	53	SE	6	0	29.57	0.0	58	57	-1	2	0	0	0	54	—	—		
	Christiania Fjord (Færder)	29.68	58	ESE	1	T	29.55	-0.8	60	53	-7	SE	5	0	0	64	57	0.20		
	Skagen (The Seaw)	29.67	61	W	3	0	29.54	-1.5	59	58	-1	SW	2	0	0	66	57	1.10		
	Fanö ...	29.62	62	SW	3	T	29.59	-1.6	60	58	-2	WNW	4	0	0	70	57	0.67		
BRITISH ISLANDS.	Sumburgh Head	29.50	50	NE	2	0	29.69	+1.3	50	44	-1	N	2	0	0	52	46	0.09		
	Stornoway ...	29.55	51	WNW	7	T	29.83	+1.4	50	49	-9	WNW	4	0	0	53	40	0.25		
	Wick ...	29.53	58	N	1	0	29.79	+1.3	53	51	-2	N	2	0	0	65	49	0.10		
	Nairn ...	29.51	58	2	0	C	29.77	+1.3	52	50	-9	WNW	2	0	0	68	48	0.12		
	Aberdeen ...	29.49	58	W	1	bc	29.75	+1.2	52	49	-3	WNW	4	0	bc	65	51	0.08		
	Leith ...	29.49	52	0	1	0	29.75	+1.2	54	52	-2	WNW	1	0	0	65	50	0.53		
	Shields ...	29.51	64	SW	3	C	29.71	+1.7	57	54	-3	WNW	2	0	0	67	50	0.18		
	Spurn Head ...	29.58	62	SW	1	CV	29.72	+1.2	58	55	-3	WNW	4	0	0	68	53	0.23		
	York ...	29.56	62	0	3	C	29.70	+1.1	59	55	0	W	3	0	0	69	53	0.07		
	Loughborough	29.63	65	SW	3	0	29.79	+1.1	60	55	-1	WNW	4	0	bc	68	53	0.02		
GERMANY & HOLLAND.	Ardrossan ...	29.48	61	WNW	1	0	29.79	+1.2	58	52	0	WNW	4	0	bc	64	52	—		
	Malin Head ...	29.53	59	WNW	3	0	29.88	+1.5	54	50	-2	WNW	5	0	bc	60	50	0.24		
	Mullaghmore ...	29.71	57	WNW	6	0	29.85	+1.3	57	52	0	WNW	3	0	bc	62	51	0.07		
	Belmullet ...	29.46	53	WNW	5	bc	29.85	+1.3	56	52	-3	WNW	6	0	bc	65	41	0.40		
	Donaghadee ...	29.55	60	SW	4	C	29.83	+1.3	57	51	-4	WNW	4	0	bc	67	53	0.08		
	Holyhead ...	29.54	60	WNW	5	C	29.86	+1.3	56	52	-5	WNW	5	0	bc	65	53	0.01		
	Parsonstown ...	29.66	60	SW	1	0	29.98	+1.4	56	52	0	2	0	0	64	48	0.04			
	Valencia ...	29.54	62	WNW	4	bc	29.85	+1.3	60	50	0	WNW	3	0	bc	63	52	0.05		
	Roche's Point	29.75	63	WNW	5	bc	29.82	+1.3	59	54	-1	WNW	3	0	bc	65	52	—		
	Pembroke (St. Ann's Hd.)	29.68	61	W	6	bc	29.93	+1.2	56	55	-4	WNW	4	0	bc	63	53	0.23		
FRANCE AND BELGIUM.	Scilly ...	29.85	63	W	5	bc	29.80	+1.3	61	57	-1	W	4	0	bc	65	56	0.02		
	Prawle Point ...	29.80	60	WNW	3	0	29.96	+1.8	60	52	+1	W	4	0	bc	63	53	—		
	Jersey (St. Aubin's)	29.87	65	W	5	C	29.98	+1.5	64	58	-1	WNW	4	0	bc	69	58	0.17		
	Hurst Castle ...	29.75	64	WNW	7	bc	29.91	+1.5	63	60	0	W	6	0	bc	67	59	0.02		
	Dungeness ...	29.71	62	WNW	6	C	29.82	+1.0	63	60	+1	W	5	0	bc	66	59	0.23		
	North Foreland	29.70	63	W	5	0	29.78	+1.0	62	57	0	W	5	0	bc	67	56	0.42		
	London ...	29.71	60	SW	2	bc	29.84	+1.0	61	56	-2	WNW	4	0	bc	68	54	0.73		
	Oxford ...	29.70	60	SW	2	bc	29.84	+1.3	61	55	0	W	3	0	bc	68	54	—		
	Cambridge ...	29.69	57	0	4	0	29.79	+1.0	61	57	-1	WNW	6	0	bc	72	54	0.04		
	Yarmouth ...	29.65	58	SW	3	T	29.71	+1.0	59	55	-4	W	6	0	bc	69	54	0.76		
PENINSULA.	Cuxhaven ...	29.77	62	WNW	2	bc	29.72	-1.9	60	53	-3	SW	4	0	bc	76	53	0.40		
	Berlin ...	29.78	74	SE	3	bc	29.82	-2.0	64	61	+1	W	3	0	bc	81	63	—		
	Wiesbaden ...	29.93	66	SE	2	0	29.93	-0.7	61	58	0	SW	2	0	bc	75	53	—		
	Munich ...	29.94	66	SE	2	0	29.94	-0.8	56	56	-6	SW	1	0	bc	73	53	0.20		
	The Helder ...	29.67	63	SW	4	C	29.72	-0.9	62	57	-4	SW	5	0	bc	68	53	—		
	Brussels (9 a.m.)	29.83	62	WNW	5	C	29.83	+0.4	59	57	-11	SW	4	0	bc	78	53	0.16		
	Cape Gris Nez	29.73	62	WNW	5	C	29.80	+0.2	61	53	-2	W	5	0	bc	84	53	0.04		
	Paris ...	29.86	65	WNW	3	C	29.95	+0.6	62	57	-4	SW	2	0	bc	82	54	0.16		
	Brest ...	29.93	65	WNW	3	C	29.93	+0.6	60	59	-1	N	1	0	bc	68	57	—		
	Lorient ...	29.94	65	W	5	C	29.83	+1.4	60	58	-4	2	0	bc	70	57	0.04			
FRANCE AND BELGIUM.	Rochefort ...	29.99	67	W	4	0	29.81	+1.0	67	67	+3	W	2	0	bc	77	64	0.16		
	Belfort ...	29.97	72	SW	4	C	29.88	+1.0	65	59	-2	W	3	0	bc	86	54	0.23		
	Lyons ...	29.97	67	SW	3	T	29.88	+1.0	67	61	-2	ESE	1	0	bc	77	60	0.28		
	Nice ...	29.99	72	W	1	C	29.90	-1.7	69	62	0	2	0	bc	79	61	—			
	Perpignan ...	29.93	70	2	0	0	29.90	+0.8	69	62	-1	W	3	0	bc	77	66	0.04		
	Biarritz ...	29.12	71	W	3	bc	29.90	+0.8	69	64	-2	SW	3	0	bc	78	66	—		
	Corunna ...	29.18	68	WNW	5	0	29.21	+1.1	70	64	-3	N	5	0	bc	84	64	—		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 5th August 1893.

BAROMETER, WIND AND 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

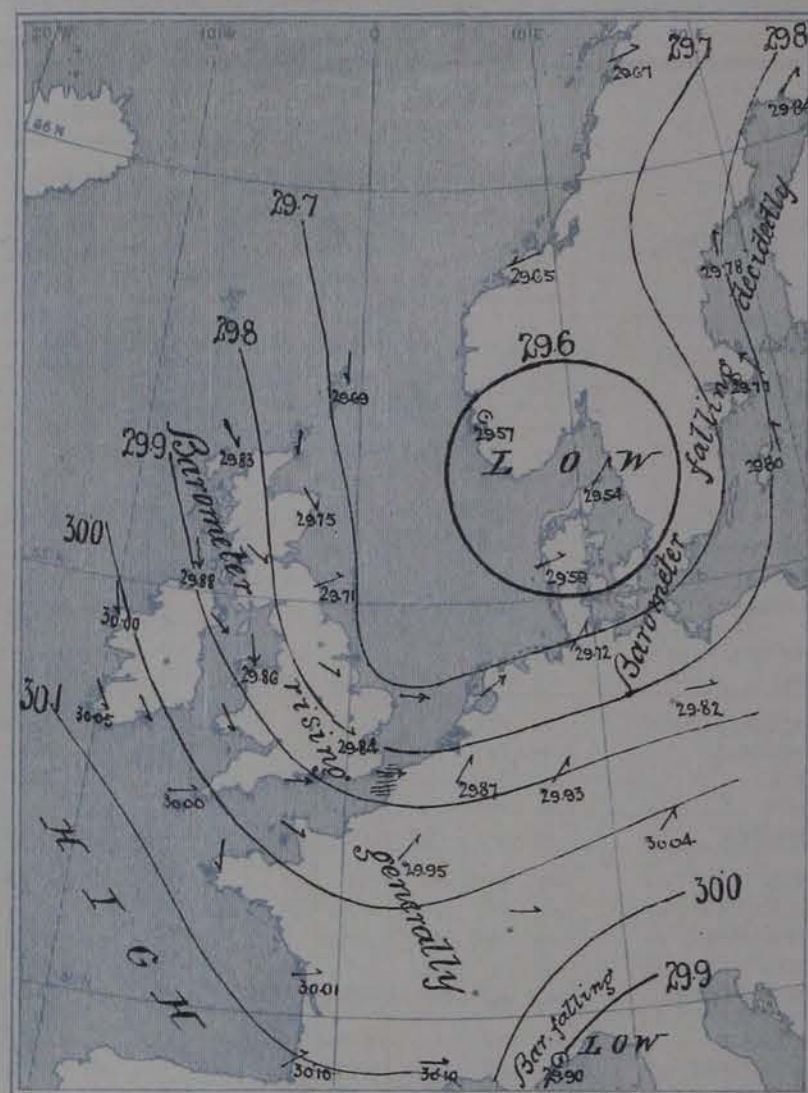
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sunburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.822
Leith	29.849
Shields	29.871
Spurn Head	29.885
York	29.906
Loughborough	29.928
Ardrossan	29.937
Mullaghmore	29.958
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.990
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.995
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	Wet.	Dry.	
Sunburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.0	53.2	3.07
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.50
Shields	63.0	51.9	57.2	54.5	2.85
Spurn Head	64.8	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.0	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	53.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.0	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.0	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.2 ins. and more to 30.0 ins. over the Spanish Peninsula, the Bay of Biscay, the west of France and southwest of our Islands; (2) 29.8 ins. and more over Finland and many parts of the Baltic.

Lowest 29.6 ins. and less over Denmark, the south of Norway and the E. side of the North Sea.

Gradients moderate and mainly favourable for NW² winds in our Islands.

Barometer rising decidedly, but not steadily, at our own stations, falling on the E. shores of the North Sea.

Highest 72° at Wisby, 70° at Stockholm and Lisbon, 69° at Biarritz, 64° at Jersey and Berlin, 63° at Harst - Castle and Dungeness.

TEMPERATURE

Lowest 50° at Bodo, Sumburg N.H. and Stornoway, 52° at Kairi and Aberdeen.

It rose to between 69° and 72° in many parts of England yesterday, but was very unsteady & the night was ^{cool}

WIND

W² to NW² in our Islands and varying in force from a light to a very fresh or strong breeze. In France it was W², in the Netherlands and Germany SW², and in Sweden S². Over Lapland, however, it was more W².

It blew strongly at times in many parts of our Islands during yesterday or the night, & was still gusty this morning.

WEATHER

Very changeable; In some places clear and bright, at others very cloudy, with passing showers. The showers yesterday were heavy in some localities and were accompanied by thunder and lightning in many places. The fall in London was the heaviest experienced there for many months.

SEA

Rather rough in the Channel, moderate on our western and northern coasts, slight in the southeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of showery weather is probable today, to be followed by a very cool night. Some improvement probable on Sunday.

FORECASTS

For the 24 hours, ending at NOON on 6TH AUGUST 1893.

DISTRICTS.

FORECASTS.

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

NW² breezes, moderate; some passing showers. Cold tonight.

W² to NW² breezes, fresh to moderate; heavy passing showers. Cold and fine tonight.

DISTRICTS.

FORECASTS.

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

Same as Nos. 0. and 1.

NW² and N² breezes, light, fair as a whole but passing showers, very cool.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.63	62	59	SE	6	o	4	Valencia ...	29.76	63	60	W	5	bcp	5
Sumburgh Head ...	29.46	57	51	NE	2	o	4	Scilly ...	29.80	65	60	WSW	5	bc	5
Stornoway ...	29.44	59	58	NW	4	c	4	Jersey ...	29.86	68	60	W	5	cp	4
Aberdeen ...	29.48	62	58	S	2	bc	2	Hurst Castle ...	29.76	63	60	SW	7	c	5
Shields ...	29.52	66	60	SW	4	c	2	Dungeness ...	29.73	63	61	WSW	6	c	5
Ardrossan ...	29.46	62	58	SW	2	bc	1	North Foreland ...	29.69	65	62	WSW	4	c	5
Malin Head ...	29.42	57	56	ENE	3	o	2	London ...	29.69	61	58	SW	1	tbl	*
Mullaghmore ...								Yarmouth ...	29.66	68	60	WSW	4	c	3
Behnullet ...	29.57	61	58	NW	6	bcp	*	Rochefort ...	29.98	74	69	W	4	c	*
Holyhead ...	29.57	65	60	SW	4	bc	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Russia, central, southern, and southwestern Europe, as well as at some English stations, but changeable and unsettled over our Islands and the North Sea as a whole, with rain at several of our western and northern stations. Showers later in nearly all parts of NW Europe, as well as in many parts of France and Germany. Thunderstorms and hail in several places, rainfall exceeding 0.7 inch. at Yarmouth and in London, and amounting to 0.8 at Faerder and 1.1 at the Scaw.

Temperature changing somewhat irregularly. Morning readings ranging between 70° and 80° in the extreme S.E. and S., and exceeding 60° over nearly the whole of Russia, central, and western Europe. Lowest 51° at Sumburgh H., 55° at Christiansund, 56° at Malin H. and Parsonstown. Rising later to between 69° and 72° over several parts of England, to 78° at Brussels, 82° at Paris, and 84° at Lisbon, 87° at Lyons.

Wind W. over the western parts of our Islands and the Bay of Biscay, SW. in the east and over Germany, S. over NW Europe; very variable in the N.E. of Scotland. Very light and variable over E. and S. Europe also. Blowing strongly in many parts of our Islands, and freshly on the E. shores of the North Sea. Veering to NW. on our northwest coasts later and becoming very strong and squally in those regions.

Barometer highest 30.1 ins. and more to 30.0 ins. over the E., S., and SW. countries generally. Lowest 29.4 ins. and less in a complex depression off our extreme NW. and N. coasts, and below 29.9 ins. in a shallow system over the Black Sea. Rising very quickly in the W. and N. of the United Kingdom later, and less quickly over the Bay of Biscay and Spain, but falling rather decidedly over the more eastern countries.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on SUNDAY, 6TH AUGUST.

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.	Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.			Dir.	Force (0 to 12).	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.	
		In.	°				In.	°	°	°						°	ins.			
SCANDINAVIA.	Haparanda ...	29.87	66	W	2	c	29.88	+0.04	65	61	+5	S	2	b	68	57	—			
	Hernösand ...	29.72	59	S	4	bc	29.80	+0.02	59	53	-4	S	2	b	66	52	—			
	Stockholm ...	29.75	63	SE	2	b	29.81	+0.04	64	60	-6	S	0	b	70	59	—			
	Wisby ...	29.81	62	S	4	T	29.84	+0.04	63	60	-3	W	2	b	75	59	0.04			
	Bodö ...	29.68	53	N	1	T	29.60	-0.07	48	47	-2	W	4	0	65	46	0.04			
	Christiansund...	29.74	53	NNW	3	f	29.82	+0.07	49	48	-6	NNW	1	0	48	48	0.04			
	Skudesnaes ...	29.73	54	NNW	6	0	29.88	+0.15	53	50	-3	NNW	8	c	61	50	—			
	Christiania Fjord (Færdar)	29.60	62	NNW	2	0	29.73	+0.13	62	59	+2	NNW	1	b	60	59	—			
	Skagen (The Scaw)	29.60	61	SW	3	0	29.73	+0.13	59	55	0	W	2	bc	64	54	0.12			
	Fanö ...	29.74	57	NNW	3	bc	29.88	+0.14	58	53	-2	NNW	5	b	64	54	—			
BRITISH ISLANDS.	Sumburgh Head	29.85	50	N	3	b	30.01	+0.16	49	47	-1	N	1	b	54	42	0.03			
	Stornoway ...	29.98	53	NNW	4	bc	29.98	+0.15	53	49	-3	SE	4	b	59	40	0.02			
	Wick ...	29.98	52	N	2	c	30.05	+0.07	53	49	-3	S	1	bc	58	41	0.03			
	Nairn ...	29.97	54	NNW	1	bc	30.03	+0.06	53	50	+1	S	0	b	58	58	0.09			
	Aberdeen ...	29.94	54	NNW	3	b	30.07	+0.13	56	50	+4	ENE	1	b	58	41	—			
	Leith ...	29.93	53	S	0	c	30.04	+0.11	56	52	+2	ENE	2	c	65	44	0.06			
	Shields ...	29.93	56	N	2	c	30.07	+0.14	58	54	+1	SE	1	c	59	48	—			
	Spurn Head ...	29.91	53	NNW	3	rm	30.08	+0.17	57	53	-1	NNW	1	b	62	50	1.05			
	York ...	29.95	53	NNW	1	bc	30.10	+0.15	56	52	-3	S	1	b	67	43	0.79			
	Loughborough	29.97	61	NNW	4	b	30.13	+0.16	55	52	-3	E	1	bc	66	43	—			
GERMANY & HOLLAND.	Ardrossan ...	29.97	53	NNW	4	bc	30.01	+0.04	53	52	-3	SE	1	0	63	43	—			
	Malin Head ...	30.01	57	NNW	4	b	29.90	-0.11	52	50	-2	SE	4	0	57	49	—			
	Mullaghmore ...	30.05	60	NE	2	b	29.79	-0.26	58	57	+1	SE	3	T	62	52	0.15			
	Belmullet ...	30.03	58	N	5	b	30.02	-0.01	54	52	-2	SE	5	0	63	53	—			
	Donaghadee ...	30.03	58	N	5	b	30.02	-0.01	54	52	-2	SE	5	0	63	53	—			
	Liverpool (Bldston)	30.00	53	NNW	5	b	30.08	+0.08	53	53	+2	S	1	c	66	53	0.02			
	Holyhead ...	30.03	57	N	3	bm	30.05	+0.02	58	55	+2	S	3	0.02	64	48	—			
	Parsonstown ...	30.04	64	S	0	b	29.88	-0.16	58	57	+2	WN	1	0.07	66	53	0.24			
	Valencia ...	30.07	60	S	1	rm	29.80	-0.27	64	64	+4	S	3	0.07	64	58	0.23			
	Roche's Point	30.07	60	SW	3	c	29.89	-0.18	60	60	+1	S	5	T	66	57	0.55			
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.07	53	NNW	2	bc	30.05	+0.02	60	57	+4	S	4	0.02	61	56	—			
	Scilly ...	30.10	63	N	3	bc	30.06	+0.06	61	60	0	SE	4	0.02	65	57	0.01			
	Prawle Point ...	30.08	58	NNW	3	bc	30.13	+0.05	56	54	-4	ENE	1	0.02	66	50	—			
	Jersey (St. Aubin's)	30.07	65	W	4	bc	30.13	+0.06	63	56	-1	NE	2	bc	68	53	—			
	Hurst Castle ...	29.99	67	W	4	bc	30.13	+0.14	60	53	-3	ENE	2	bc	72	48	—			
	Dungeness ...	29.92	63	NNW	3	c	30.08	+0.16	59	56	-4	NNE	3	b	71	47	0.01			
	North Foreland	29.83	65	NNW	2	c	30.08	+0.25	59	53	-3	N	2	b	68	53	—			
	London ...	29.94	66	NNW	3	bc	30.13	+0.19	59	53	-4	W	1	b	70	46	0.11			
	Oxford ...	30.03	56	NNW	3	b	30.13	+0.10	56	52	-3	SW	1	b	68	46	—			
	Cambridge ...	29.95	62	W	6	b	30.14	+0.19	58	54	-3	NNW	1	bc	70	47	—			
PENINSULA.	Yarmouth ...	29.88	58	NNW	3	c	30.08	+0.20	58	53	-1	N	4	b	65	50	0.62			
	Cuxhaven ...	29.77	60	NNW	1	b	29.92	+0.15	60	53	0	NNW	3	b	67	53	0.40			
	Berlin ...	29.85	68	W	3	bc	29.91	+0.06	60	57	-4	NNW	4	c	73	57	—			
	Wiesbaden ...	30.06	58	W	4	c	30.13	+0.07	53	53	-1	N	2	bc	72	55	0.04			
	Munich ...	30.06	58	W	4	c	30.13	+0.07	53	53	-1	SW	4	0	68	54	0.12			
	The Helder ...	29.89	61	NNW	4	b	30.07	+0.18	59	54	-3	NNW	3	b	63	57	0.12			
	Brussels (9 a.m.)	*	*	*	*	*	30.08	+0.21	59	56	-2	NNW	2	0	67	51	0.04			
	Cape Gris Nez	29.93	62	W	3	c	30.04	+0.11	59	53	-2	N	3	b	64	57	—			
	Paris ...	30.00	68	NNW	2	b	30.11	+0.11	59	54	-3	N	2	b	73	54	—			
	Brest ...	30.07	67	N	2	b	30.14	+0.07	59	54	-1	SE	1	c	73	54	—			
PENINSULA.	Lorient ...	30.07	67	W	5	b	30.14	+0.07	59	54	-1	ENE	3	c	72	54	—			
	Rocheport ...	30.04	70	NNW	3	c	30.09	+0.05	60	57	-3	N	3	b	75	53	—			
	Belfort ...	29.97	73	SW	3	c	30.08	+0.11	62	56	-3	W	3	b	76	58	0.04			
	Lyons ...	30.01	69	NE	1	b	29.88	-0.13	65	63	-4	E	1	c	77	63	—			
	Nice ...	29.85	72	E	1	b	29.88	-0.03	76	67	+7	NNW	2	b	86	69	—			
	Perpignan ...	30.02	73	NNW	4	c	30.04	-0.02	76	67	+7	NNW	2	b	86	69	—			
	Biarritz ...	30.14	72	W	3	0	30.09	-0.05	69	68	0	NNW	2	T	77	68	0.04			
	Corunna ...	30.15	68	N	5	b	30.06	-0.09	71	65	+1	N	5	b	82	66	—			
	Lisbon ...	30.15	68	N	5	b	30.06	-0.09	71	65	+1	N	5	b	82	66	—			

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 6th August 1893.

BAROMETER, WIND AND 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

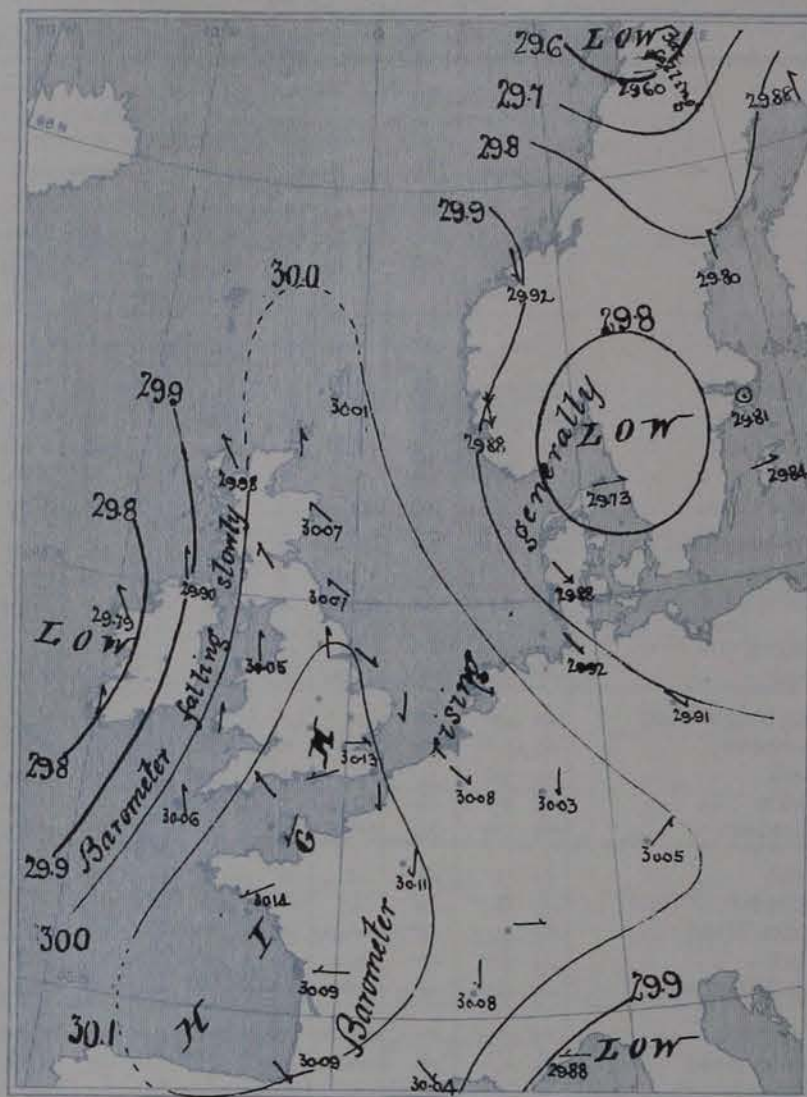
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.937
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.997
Liverpool	29.996
Parsonstown	29.929
Valencia	29.927
Rochie's Point	29.927
Pembroke	29.928
Seilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

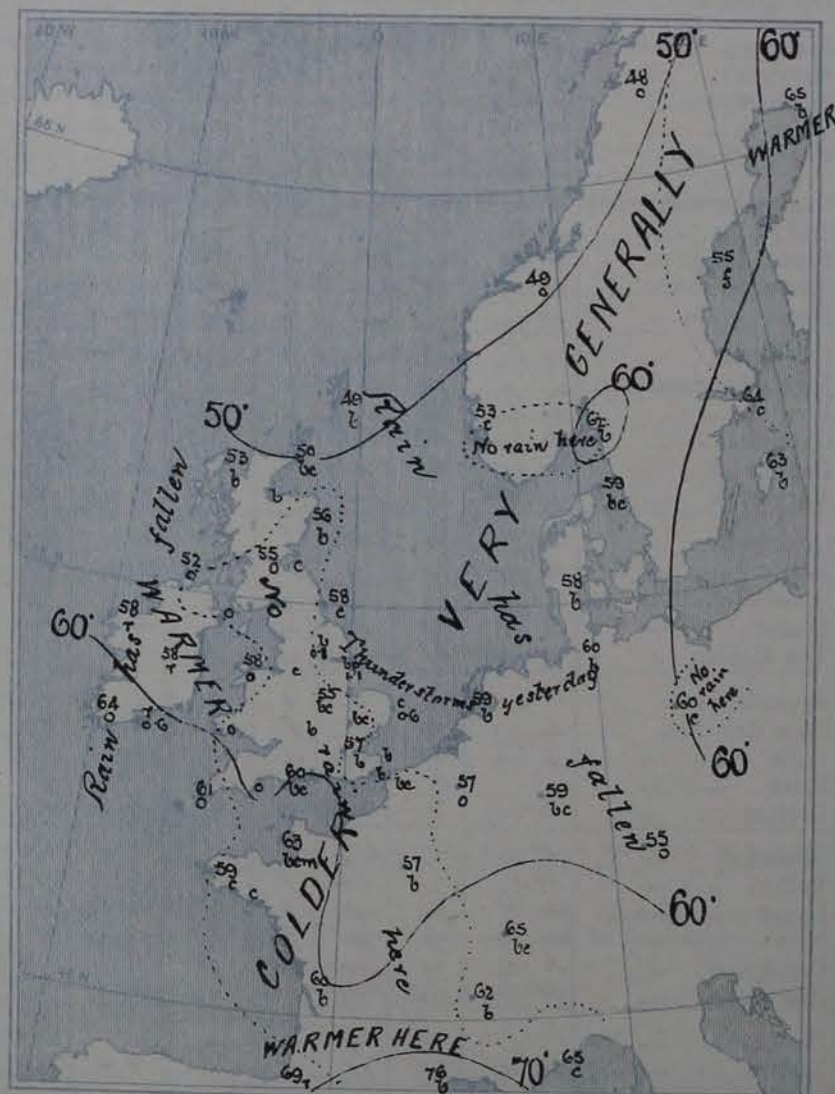
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry, at 8 a.m.	Wet, at 8 a.m.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stormoway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	53.5	2.85
Spurn Head	64.3	55.0	58.8	56.8	1.86
York	67.0	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.0	2.33
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Rochie's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Seilly	64.9	57.0	60.0	58.8	2.30
Prawle Point	65.3	54.4	60.1	57.0	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.8	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.13

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 30.0 ins. over the Bay of Biscay, Spain, France, Holland, Great Britain and adjacent parts of the North Sea.
Lowest 29.6 ins. and less over Finmark; about 29.7 ins. over the S. of Sweden, & 29.8 ins. & less off the W. of Ireland.
Gradients slight in the S. and E. moderate to rather steep in the north.

TEMPERATURE

Barometer falling decidedly in the northwest and also over Lapland, rising in the N.E. and E.
Highest 76° at Perpignan, 71° at Lisbon, 65° at Nice, 64° at Valencia.
Lowest 48° at Bodo, 49° at Christiansund and Lumburgh N.H., 58° at Wick, 57° in London & at Paris.
The maxima slightly exceeded 70° over our southern countries yesterday and touched 73° at Paris, 77° at Nice, and 86° at Perpignan.

WIND

Light to moderate from E. and S.E. over the Bay of Biscay.
Moderate to fresh from S. and S.E. on our west and northwest coasts.
Light N.W. at Sunbargh Head and on our east coast; fresh to a gale from N. and N.W. on the eastern shores of the North Sea; but S.W. over the northern half of Sweden.

WEATHER

Fine over France and St. Britain, Holland and Denmark, very rainy in Ireland
Dull and unsettled over Norway.
Heavy Thunderstorms have occurred in the N.E. and E. of England giving 1.1 ins. of rain at Spink Head, 0.8 ins. at York, and 0.6 ins. at Yarmouth.

SEA

Moderate at Stornoway and on our southwestern coasts, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 7TH AUGUST 1893.

DISTRICTS.

FORECASTS.

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

NONE ISSUED

DISTRICTS.

FORECASTS.

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

NONE ISSUED

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.62	60	56	NW	6	HC	2	Valencia ...	30.09	63	59	WNW	2	cr	2
Sumburgh Head ...	29.76	51	50	N	3	C	3	Scilly ...	30.07	64	59	NNW	4	bc	3
Stornoway ...	29.94	53	53	NW	4	C	4	Jersey ...	30.05	66	58	W	5	b	4
Aberdeen ...	29.88	56	50	N	4	CQ	4	Hurst Castle ...	29.93	71	63	WNW	4	b	3
Shields ...	29.87	56	54	NW	4	mp	2	Dungeness ...	29.88	67	63	WNW	6	CQ	5
Ardrossan ...	29.90	62	56	WNW	4	bc	3	North Foreland ...	29.87	67	59	WNW	5	C	4
Malin Head ...	30.00	57	52	NNW	5	b	3	London ...	29.81	69	59	W	4	C	*
Mullaghmore ...								Yarmouth ...	29.82	63	59	N	4	ct	3
Belmullet ...	30.07	61	57	N	3	b	*	Rochefort ...	30.07	74	73	NNW	3	bc	*
Holyhead ...	29.98	61	54	NW	4	b	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Baltic, Russia, E. Germany, Austria, the Mediterranean and in many parts of western Europe; changeable and unsettled over the British Islands and North Sea, though temporarily clear at many stations — showery and squally at several of our northwestern, northeastern and eastern stations. Rain falling in many parts of the British Islands, western and northern Europe later, and heavy thunderstorms occurring along our N.E. and E. coasts and in Holland. Subsequently becoming rainy in Ireland also.

Temperature falling in Scotland, rising over the Baltic and central Europe. Morning readings highest 81° at Oran and exceeding 70° at most of the Mediterranean and Adriatic stations; exceeding 60° in most other places. Lowest 50° at Bodø, Sumburgh H. and Stornoway, 52° at Aberdeen, 54° at Malin Head, 55° at Christiansund, 56° at Bonapradee and Parsonstown. Rising later to 90° and more over Algeria, to 80° and more over parts of Spain, the south of France and Italy, and to 70° and more over Germany, France and the southern parts of England. Succeeding night cold (42° to 45°) over England.

Wind moderate to fresh from between N. and W. over our Islands, moderate to light from W. and SW. over France, from SW. and S. over Germany, from S. over the Baltic, Finland and Sweden; light NE³ at Christiansund. Moderating still more in our Islands later and shifting to S. again at Valencia, but becoming NW⁴ on the eastern shores of the North Sea and blowing strongly at Skudesnaes.

Barometer — Highest 30.2 ins. and more to 30.0 ins. (1) over Spain, the Bay of Biscay, the greater part of France and southwest of our Islands; (2) over the northern half of Russia. Lowest 29.6 ins. and less in a depression over the S. of Norway and eastern side of the North Sea, and about 29.9 ins. over the Gulf of Genoa. Rising over western Europe later as the North Sea depression moved eastwards, but inclined to fall again in the west of Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Monday, 7th August,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
Reading at 8 ³⁰ P. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).	Reading at 8 ³⁰ P. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).	Max.	Min.	ins.								
Ins.	°			Ins.		°	°														
SCANDINAVIA.																					
Haparanda ...	29.84	65	Z	0	c	29.80	- .08	63	63	- 2	Z	0	r	#	c	72	52	0.32			
Hernösand ...	29.86	56	S	2	b	29.85	+ .05	56	51	+ 1	NW	4	b	#	b	66	52	-			
Stockholm ...	29.80	62	Z	0	b	29.93	+ .12	57	55	- 7	NNE	2	0	#	b	73	57	-			
Wisby ...	29.85	62	W	2	b	29.94	+ .10	62	60	- 1	NW	4	c	#	b	72	57	-			
Bodö ...	29.97	48	SW	2	0	30.01	+ .04	48	45	- 0	SW	2	c	0	a	50	43	0.04			
Christiansund...	30.04	51	N	3	c	30.06	+ .14	51	49	+ 2	NNE	1	bc	4	c	55	45	-			
Skudesnaes ...	30.00	51	NW	1	bc	30.02	+ .14	54	48	+ 1	NW	2	b	1	bc	57	43	-			
Christiania Fjord (Færd)	29.86	64	SW	1	b	29.98	+ .25	58	53	- 4	N	3	b	2	b	66	57	-			
Skagen (The Scaw)	29.87	57	NW	1	b	29.96	+ .23	60	59	+ 1	Z	0	bc	0	b	66	50	-			
Fanö ...	30.02	54	NW	4	b	30.07	+ .19	57	51	- 1	NW	3	c	#	b	64	54	-			
Sumburgh Head	29.99	51	E	1	c	29.85	- .16	52	52	+ 3	SSE	3	r	4	c	53	46	0.08			
Stornoway ...	29.80	58	E	2	0	29.72	- .26	58	57	+ 5	SW	3	c	3	c, 0	60	50	0.10			
Wick ...	29.95	54	S	5	bc	29.80	- .25	57	56	+ 7	SW	3	c	2	bc	57	50	0.04			
Nairn ...	29.85	60	SSE	2	0	29.77	- .26	64	60	+ 11	Z	0	bc	0	0	66	51	0.02			
Aberdeen ...	29.99	53	SSE	3	c	29.83	- .24	56	54	- 0	S	2	og	2	c, p	57	53	0.07			
Leith ...	29.92	62	S	1	0	29.83	- .21	58	57	+ 2	Z	0	om	#	0	66	53	0.24			
Shields ...	29.95	59	SE	4	c	29.85	- .22	63	61	+ 5	SSW	2	c	2	c	63	54	0.11			
Spurn Head ...	30.02	59	SSE	5	c	29.96	- .12	63	60	+ 6	SSW	4	c	4	c, t	63	52	0.01			
York ...	30.03	63	S	3	c	29.94	- .16	61	60	+ 5	S	1	0	#	c	66	54	0.06			
Loughborough	30.06	60	SW	1	r	30.01	- .12	64	61	+ 9	SSW	2	cw	#	p	67	54	0.03			
BRITISH ISLANDS.																					
Ardrossan ...	29.87	56	SSE	4	tm	29.81	- .20	59	58	+ 4	E	1	tm	0	tm	61	53	0.63			
Malin Head ...	29.71	57	S	5	ot	29.73	- .17	57	56	+ 5	SSE	3	op	1	ot	59	52	0.73			
Mullaghmore ...	29.76	61	SW	2	c	29.76	- .03	60	59	+ 2	SW	3	bc	#	o, c	62	52	0.33			
Belmullet ...	29.85	55	SSE	6	ot	29.81	- .21	61	61	+ 7	S	4	0	2	r	61	54	0.91			
Donaghadee ...	29.85	55	SSE	6	ot	29.81	- .21	61	61	+ 7	S	4	0	2	r	61	54	0.91			
Liverpool (Bidston)	29.96	58	SE	4	r	29.92	- .16	65	59	+ 6	SW	4	c	3	r	65	55	0.19			
Holyhead ...	29.91	57	S	5	r	29.89	- .16	61	60	+ 3	SSW	5	omgp	5	rgm	61	55	0.37			
Parsonstown ...	29.78	67	SW	1	c	29.82	- .06	66	61	+ 8	SW	1	b	#	o, c	69	57	0.09			
Valencia ...	29.85	66	S	2	ogp	29.86	+ .01	63	62	- 1	SSW	1	vgm	2	0	68	60	0.32			
Roche's Point	29.88	63	WSW	4	tf	29.89	- .00	63	62	+ 3	WSW	3	c	4	rfm	64	59	0.30			
Pembroke (St. Ann's Hd.)	29.93	61	SSW	5	0	29.96	- .09	62	61	+ 2	SSW	4	cg	4	0	62	56	0.30			
Scilly ...	30.01	67	SSW	4	c	29.99	- .07	66	65	+ 5	S	4	c	3	c, f	67	60	0.08			
Prawle Point ...	30.09	58	S	3	c	30.06	- .07	61	61	+ 5	SW	2	f	2	p	61	56	0.06			
Jersey (St. Aubin's)	30.12	66	SSE	2	cpq	30.10	- .03	70	64	+ 7	SE	2	bcnw	2	c, p	70	53	0.01			
Hurst Castle ...	30.12	60	SW	4	r	30.09	- .04	65	62	+ 5	SSW	3	c	2	bc, r	67	58	0.03			
Dungeness ...	30.10	63	SSW	2	bc	30.08	- .00	65	62	+ 6	WSW	2	c	1	bc	66	59	-			
North Foreland	30.09	60	SE	2	bc	30.08	- .00	64	58	+ 5	SW	2	0	2	b, bc	62	57	-			
London ...	30.09	65	SW	3	ov	30.08	- .05	62	59	+ 5	SW	2	0	#	mg, bc, or	72	56	0.02			
Oxford ...	30.08	55	S	1	r	30.06	- .07	62	59	+ 6	S	3	0	#	c, r	66	55	0.02			
Cambridge ...	30.06	65	SSE	1	0	30.06	- .05	62	60	+ 4	S	4	0	#	0	71	54	0.03			
Yarmouth ...	30.09	60	SE	3	bc	30.04	- .04	61	58	+ 3	SW	3	c	3	bcv	62	56	-			
GERMANY & HOLLAND.																					
Cuxhaven ...	30.06	59	NW	3	b	30.15	+ .23	59	56	- 1	WNW	2	b	#	b	62	57	-			
Berlin ...	30.01	63	W	4	b	30.12	+ .21	57	53	- 3	WNW	4	b	#	b	70	52	-			
Wiesbaden ...	30.18	52	W	3	#	30.16	+ .13	58	55	- 1	NW	1	b	#	#	66	54	-			
Munich ...	30.18	52	NW	3	#	30.21	+ .16	56	53	+ 1	SE	1	b	#	c	64	46	0.08			
The Helder ...	30.15	58	NW	1	b	30.16	+ .09	57	54	- 2	S	1	c	1	b	61	46	-			
FRANCE AND BELGIUM.																					
Brussels (9 a.m.)	30.08	62	NE	1	bc	30.12	+ .04	62	57	+ 5	SSW	1	0	#	0	68	52	-			
Cap Gris Nez	30.08	62	NE	1	bc	30.07	+ .03	64	60	+ 5	S	1	bc	2	bc	66	57	-			
Paris ...	30.12	66	N	2	b	30.14	+ .03	61	56	+ 4	Z	0	c	#	b	74	54	-			
Brest ...	30.12	68	S	2	c	30.07	+ .07	58	56	+ 3	E	3	b	2	c	66	54	-			
Lorient ...	30.12	64	SW	1	c	30.07	+ .07	58	56	+ 3	E	3	b	2	c	72	55	-			
Rochefort ...	30.08	71	W	3	b	30.12	+ .04	63	55	+ 1	SE	1	bc	#	b	75	58	-			
Belfort ...	30.08	68	NE	2	b	30.12	+ .04	63	55	+ 1	SE	1	bc	#	b	74	61	-			
Lyons ...	29.85	74	SW	2	bc	30.00	+ .12	71	63	+ 6	E	3	bc	1	b	81	64	-			
Nice ...	29.96	80	NW	4	b	30.03	- .01	71	63	- 5	SE	2	b	#	b	73	62	-			
Perpignan ...	30.04	73	N	4	b	30.01	- .08	68	64	- 1	S	3	b	2	b	77	63	-			
Biarritz ...	30.04	73	N	4	b	30.01	- .08	68	64	- 1	S	3	b	2	b	77	63	-			
PENINSULA.																					
Corunna ...	30.02	66	N	5	b	29.97	- .09	69	64	- 2	N	4	b	#	#b	82	64	-			
Lisbon ...	30.02	66	N	5	b	29.97	- .09	69	64	- 2	N	4	b	#	#b	82	64	-			

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 1st Aug. 1893.

BAROMETER, WIND AND 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

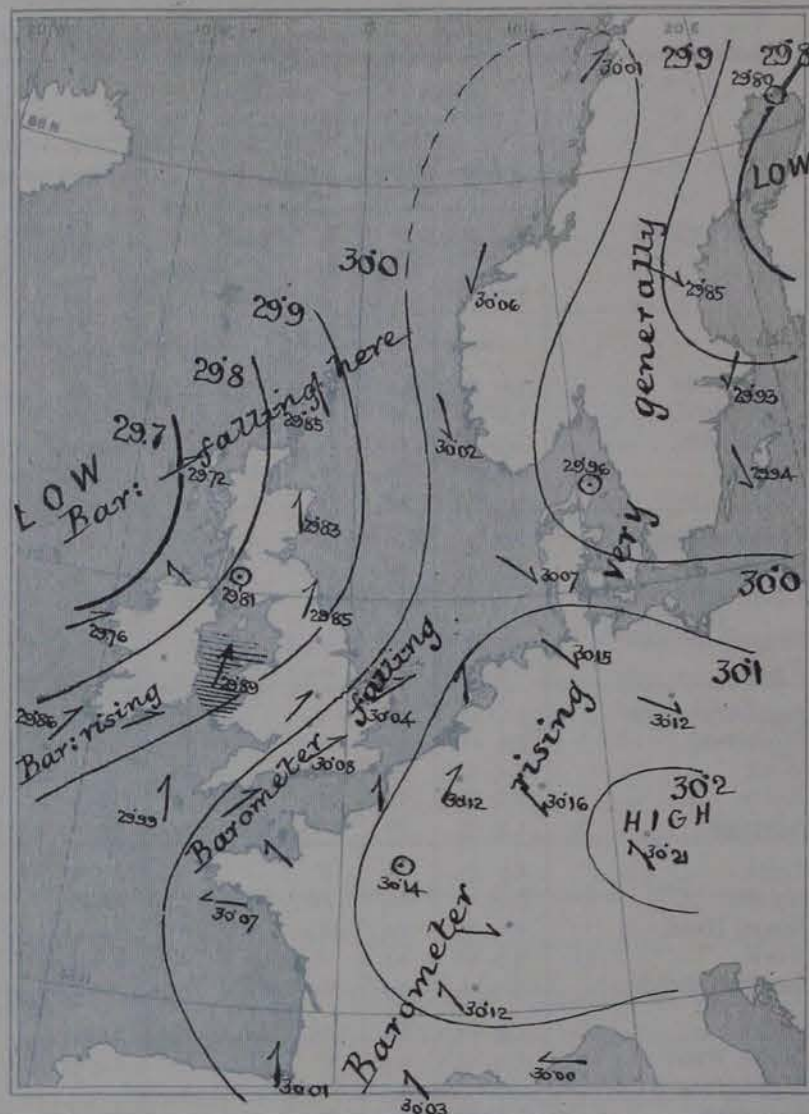
at 8 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sambargh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.822
Leith	29.840
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.957
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.986
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prayle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.940
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

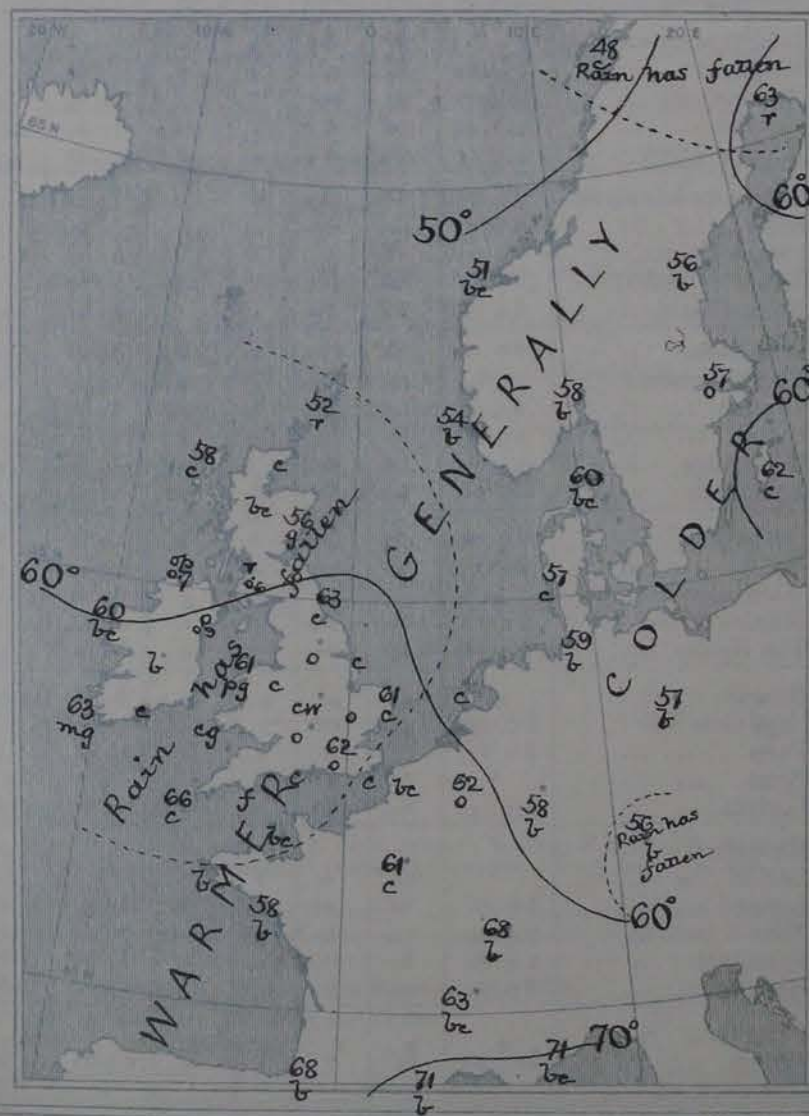
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry.	Wet.	
Sambargh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.9	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.1	3.03
Leith	65.7	51.3	57.5	54.4	2.50
Shields	63.0	51.0	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	59.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.0	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prayle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	60.6	2.24
Hurst Castle	68.1	55.9	61.0	58.1	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more to 30.0 ins. in an anticyclone over Germany, France and the south of England, and exceeding 30.0 ins. in a long "ridge" stretching N^{W} from the Netherlands, over Denmark to W. of Norway to Denmark. Lowest about 29.7 ins. or less in a depression off our NW. coast to 29.8 ins. and less in another over Ireland. Gradients slight to moderate. Barometer rising a little over the Continent and on our own SW. coast, falling in the north.

TEMPERATURE

Highest 71° in the south of France, 70° at Jersey, 66° at Sicily, 65° at Liverpool, 64° at Nain, 63° at Shields. Lowest 48° at Bodø, 52° at Sumburgh H., 54° at Malin Head, the Helder & Berlin, 58° at Wiesbaden. It rose to 82° at Lisbon yesterday, to 77° at Biarritz and to rather more than 70° over the southern counties of England.

WIND

(1) SW^{2} to S^{2} over the greater part of our Islands, but SSE^{2} at Sumburgh H. and Malin Head, and was light to moderate in force generally.

(2) N^{2} and NW^{2} over Scandinavia, NW^{2} to W^{2} over Germany, (3) E^{2} to SE^{2} over France and the Bay of Biscay.

WEATHER

Fine and bright at most of the Continental stations, cloudy or overcast on our own coasts, with showers at several of our western and northwestern stations.

A good deal of rain has fallen at our northern and western stations (especially in Ireland) and a little in the east and south.

SEA

Moderate at some of our northern and our southwestern stations, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the northwest is passing off, and the weather in Ireland and Scotland seems likely to clear up before long. Settled weather, however, is not indicated.

FORECASTS

For the 24 hours ending at NOON on 8TH AUGUST. 1893.

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

SE^{2} and S^{2} breezes; some rain.

1 SCOTLAND EAST

2 ENGLAND N.E.

SW^{2} breezes, light; cloudy, possibly a little rain at times

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

SW^{2} and S^{2} breezes moderate; cloudy, close, fair as a whole.

DISTRICTS.

FORECASTS.

6 SCOTLAND WEST

SW^{2} breezes, moderate, some showers.

7 ENGLAND N.W.

8 ENGLAND S.W.

Same as No. 5.

9 IRELAND NORTH

10 IRELAND SOUTH

S^{2} and SW^{2} breezes; fair, close, slight rain in places.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone. The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.96	57	50	rw	6	o	3	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.88	59	53	SE	4	c	4	Jersey ...	30.15	66	59	SE	2	c	2
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.11	64	60	SE	1	bc	1
Ardrossan ...								North Foreland ...	30.10	62	56	E	2	b	2
Malin Head ...	29.76	57	56	SE	5	o	2	London ...							*
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.77	62	61	SW	3	o	*	Rochefort ...	30.09	73	64	rw	3	b	*
Holyhead ...	29.98	56	53	S	5	o q m	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over Central Russia, the Mediterranean, France and the southern, central, and eastern parts of England; cloudy and unsettled over Eastern Germany, Poland and Austria, with rain in places, dull and unsettled in Norway, Wales and west of England, rain over Ireland. Much rain in west and northwest of our islands later, smaller quantities in the north and showers over England.

Temperature changing very fitfully. Morning readings highest 70° to 78° over Spain, the southern and eastern shores of the Mediterranean and Atlantic, and at Constantinople and exceeding 60° over Russia, the Baltic, Central Europe and the southern and southwestern coasts of our islands. Lowest 48° to 49° on the northwest coasts of Norway, 50° at Wick, 52° at Malin Head, 53° at Harri, 57° in London and Paris. Rising later to a little more than 70° in the south of our islands, to 74° at Paris and Lyons to 81° at Nice, and 82° at Lisbon.

Wind extremely variable over southeastern, southern, and southwestern Europe, fresh over Spain, light elsewhere. Very changeable over the more northern countries - very fresh southerly on our western coasts, moderate to a gale from northwest over the eastern side of the North Sea, and in the east of England, westerly over Germany, southerly on the eastern side of the Baltic and over the Gulf of Bothnia. Southerly and southerly winds becoming general over England later.

Barometer Highest (1) 30.1 inches and more to 30.0 inches over Spain, France the Bay of Biscay, nearly the whole of Great Britain and adjacent parts of the North Sea; (2) 30.0 inches and more over Central Russia. Lowest (1) below 29.5 inches in depression over the south of Russia, the Baltic Provinces and the south of Scandinavia, and in a new one approaching our western coast; 29.6 inches in another advancing towards Lapland from the northward. Depression in west moving northwards later and spreading eastwards over the United Kingdom.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 30TH JULY TO THE 5TH AUGUST. 1883.

In the course of this week a number of depressions have reached our northwestern and northern coasts from the Atlantic, and on moving further to the eastward, have spread down in a southerly direction over the North Sea and Denmark. The weather in our islands has consequently been in a very changeable condition, showers of rain have been of frequent occurrence, and thunderstorms were very prevalent over the eastern parts of England on Friday. Rainfall has been in excess of the mean in most places - but especially in the east and northeast, the aggregate falls being 2.0 inches at Yarmouth, 1.1 inches at Cambridge, 1.4 inches at Spurn Head, 1.6 inches at York and 1.2 inches at Leith.

Temperature has not varied much and it has not been high, however, on any occasion.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY, 8TH AUGUST, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.		°	°	°					°	Inch.			
SCANDINAVIA.	Haparanda ...	29.92	55	NW	4	C	30.19	+0.27	58	49	-10	N	2	b	*	C	66	53	0.02	
	Hernösand ...	30.08	56	2	0	b	30.25	+0.17	58	48	-1	N	2	b	*	b	68	50	—	
	Stockholm ...	29.72	60	2	0	b	30.23	+0.50	60	53	+3	ENE	2	b	*	b	72	54	—	
	Wisby ...	30.11	60	N	2	b	30.23	+0.12	62	62	+1	ENE	2	b	*	b	68	53	—	
	Bodö ...	30.09	49	NW	5	T	30.23	+0.14	50	48	+2	NW	5	C	*	T	52	45	0.20	
	Christiansund...	30.08	55	NE	1	0	30.15	+0.07	56	53	+3	NNE	1	C	2	0	57	48	—	
	Skudesnaes ...	30.07	57	SE	2	0	30.11	+0.04	60	58	+6	SE	2	0	2	0.0	57	54	0.05	
	Christiania Fjord (Fæder)	30.09	63	NW	2	b	30.23	+0.14	64	58	+6	SW	2	C	2	0	68	58	—	
	Skagen (The Scaw)	30.12	57	NW	2	b	30.24	+0.12	58	55	-2	NW	1	C	0	b	64	52	—	
	Fanö ...	30.16	59	S	1	C	30.21	+0.05	58	57	+1	SE	4	C	*	C	66	57	—	
BRITISH ISLANDS.	Sumburgh Head	29.86	55	SE	1	f	29.99	+0.13	55	55	+3	N	1	m	3	0.0	56	50	0.02	
	Stornoway ...	29.80	57	S	2	T	29.95	+0.15	58	57	0	NE	2	0	2	0.0	60	51	0.10	
	Wick ...	29.85	57	N	2	b	29.95	+0.10	60	58	+3	S	2	b	1	0	64	49	0.04	
	Nairn ...	29.80	63	2	0	C	29.99	+0.19	61	58	-3	2	0	m	0	C	67	52	—	
	Aberdeen ...	29.85	62	S	2	C	30.05	+0.20	63	58	+7	SW	1	C	1	b	68	52	—	
	Leith ...	29.89	64	NW	2	0	30.04	+0.15	62	60	+4	2	0	m	*	0	73	56	—	
	Shields ...	29.94	67	SW	2	C	30.08	+0.14	64	63	+1	SW	2	C	2	C	72	59	—	
	Spurn Head ...	30.00	70	NW	1	C	30.11	+0.11	65	63	+2	SE	2	C	2	C	74	58	—	
	York ...	30.00	70	NW	1	C	30.12	+0.12	64	62	+3	SE	1	C	*	C	73	58	—	
	Loughborough	30.03	78	N	2	b	30.14	+0.11	66	62	+2	SE	1	C	*	b	80	59	—	
GERMANY & HOLLAND.	Ardrossan ...	29.83	63	NW	1	0	30.02	+0.19	61	60	+2	SE	2	0	2	0.0	64	56	0.05	
	Malin Head ...	29.87	63	NW	1	0	29.91	+0.04	63	61	+6	S	2	0	1	0.0	65	57	0.07	
	Mullaghmore ...	29.86	65	NW	2	b	29.91	+0.05	63	61	+3	SW	2	0	*	b	67	59	0.15	
	Belmullet ...	29.92	65	SE	4	C	30.01	+0.09	61	61	0	SE	4	T	2	C	73	58	0.01	
	Donaghadee ...	29.92	65	SE	4	C	30.01	+0.09	61	61	0	SE	4	T	2	C	73	58	0.01	
	Liverpool (Bldston)	30.00	61	SW	2	C	30.08	+0.08	63	63	0	SE	2	0	1	C	70	61	0.04	
	Holyhead ...	29.98	62	SW	4	omg	30.05	+0.07	64	62	+3	S	1	C	2	omg	64	60	0.03	
	Parsonstown ...	29.89	66	2	0	0	29.97	+0.08	64	62	-2	S	1	0	*	0.0	69	61	0.26	
	Valencia ...	29.87	65	SE	4	omg	29.94	+0.07	63	62	0	SE	1	0	2	0.0	66	61	0.40	
	Roche's Point	29.94	63	SW	2	C	29.99	+0.05	63	61	0	SE	4	0	4	0.0	64	59	0.33	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.02	62	SW	4	T	30.03	+0.01	63	61	+1	ENE	3	b	3	T	66	59	0.01	
	Scilly ...	30.02	64	SE	3	C	29.96	-0.06	65	63	-1	E	4	C	4	C	67	61	—	
	Prawle Point ...	30.08	62	S	1	C	30.06	0.0	65	60	+4	E	2	C	1	f	65	58	—	
	Jersey (St. Aubin's)	30.07	75	SE	1	b	30.08	+0.01	71	63	+1	ENE	3	C	3	b	76	63	—	
	Hurst Castle ...	30.10	69	NW	2	b	30.12	+0.02	71	67	+6	ENE	1	b	1	b	72	60	—	
	Dungeness ...	30.09	64	NW	1	b	30.15	+0.06	68	62	+3	NW	1	b	1	b	71	59	—	
	North Foreland	30.06	65	S	2	b	30.14	+0.08	66	63	+2	S	2	b	2	b	74	59	—	
	London ...	30.07	74	SW	2	b	30.15	+0.08	71	63	+3	SE	1	b	*	b	77	54	—	
	Oxford ...	30.09	68	SW	1	b	30.13	+0.04	68	59	+6	SE	2	b	*	b	76	56	—	
	Cambridge ...	30.05	77	SW	2	b	30.15	+0.10	67	62	+5	SE	1	b	*	b	77	56	—	
PENINSULA.	Yarmouth ...	30.05	66	S	2	b	30.16	+0.11	65	63	+4	SE	2	b	2	b	70	58	0.01	
	Cuxhaven ...	30.22	61	N	2	b	30.27	+0.05	59	57	0	S	2	C	*	b	65	53	—	
	Berlin ...	30.19	63	NW	1	C	30.27	+0.08	59	54	+2	ENE	1	C	*	C	68	53	—	
	Wiesbaden ...	30.24	63	NW	1	C	30.24	0.0	60	56	+2	2	0	C	*	b	72	55	—	
	Munich ...	30.28	59	NE	2	b	30.30	+0.02	59	54	+1	NE	2	b	*	b	68	46	—	
	The Helder ...	30.18	63	SW	1	b	30.25	+0.07	62	61	+5	SE	1	b	1	b	68	55	—	
	Brussels (9 a.m.)	*	*	*	*	*	30.21	+0.09	70	63	+8	SE	1	b	*	b	75	59	—	
	Cape Gris Nez	30.07	68	S	1	b	30.12	+0.05	67	60	+3	S	1	b	0	b	72	57	—	
	Paris ...	30.12	74	NE	2	b	30.16	+0.04	64	59	+3	NNE	1	b	*	b	75	54	—	
	Brest ...	30.04	72	NW	1	b	30.04	0.0	67	62	+5	ENE	3	b	2	b	75	53	—	
PENINSULA.	Lorient ...	30.04	75	2	0	b	30.00	-0.04	64	59	+6	E	4	b	2	b	81	57	—	
	Rocheport ...	29.98	82	E	3	b	29.96	-0.02	64	60	-4	ENE	4	b	*	b	90	59	—	
	Belfort ...	30.01	71	NE	2	b	30.01	0.0	65	59	-3	NE	3	b	*	b	78	55	—	
	Lyons ...	30.07	73	N	1	b	30.14	+0.07	65	57	+2	ENE	1	b	*	b	77	57	—	
	Nice ...	30.04	72	SE	1	b	30.13	+0.09	72	64	+1	E	1	b	1	b	75	66	—	
	Perpignan ...	30.02	74	SE	1	b	30.10	+0.08	69	66	+7	E	1	C	*	b	83	59	—	
	Biarritz ...	30.04	72	SE	1	b	29.86	-0.18	71	65	+4	SE	4	b	1	b	79	66	—	
	Corunna ...	29.98	66	N	5	b	29.93	-0.05	68	63	-5	NE	2	b	*	b	79	63	—	
	Lisbon ...	29.98	66	N	5	b	29.93	-0.05	68	63	-5	NE	2	b	*	b	79	63	—	

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 8. August, 1893.

BAROMETER, WIND AND 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 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.790
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.900
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.963
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	Dry.	Wet.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.07
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	65.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.50
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.0	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.63
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	54.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.0	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	60.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	55.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.0 ins. in a large anticyclone covering nearly the whole of the Continent, the North Sea, and Great Britain.

Lowest. Below 29.9 ins. over the N. of Spain, and apparently off the extreme NW. of Ireland also.

Gradients very slight over the Continent, moderate over our Islands & mainly favourable for S. & E. winds.

Barometer rising except on our southwest coasts and over the Bay of Biscay, where a slight fall was in progress.

Highest 72° at Nice, 71° at Biarritz, Hurst Castle and London.

TEMPERATURE

Lowest 50° to 55° over the N. parts of Scandinavia, 55° at Sunderland N., 57° at Munich, 59° at Berlin & Luxembourg.

The maxima recorded yesterday ranged between 75° and 80° over the inland parts of England, but did not touch 70° at the Irish and most of the Scotch stations.

WIND

Moderate from E. and SE. over the Bay of Biscay and the Channel, and SE. to S. over the United Kingdom, SW. at Porto, W. at Hertz Island and at Sunderland Head.

It had backed round very steadily over our Islands during the past 24 hours.

WEATHER

Very fine over Germany, France, and the greater part of England, dull in Ireland and the west of Scotland, showery at Valencia and Belmullet. A partial halo was reported at Exford. Considerable rain fell yesterday in the western and northern parts of Ireland and in Norway, and smaller quantities in the west and north of Scotland.

SEA

Moderate on our southwestern coasts, smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance of yesterday has disappeared, and anticyclonic conditions have spread over the whole of our Islands and northwestern Europe.

FORECASTS

For the 24 hours ending at NOON on 9TH AUGUST 1893.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|-----------------------------------------|
| 0 | SCOTLAND NORTH | Varying airs; some showers. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | SE. and varying airs; fine, warm. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | SE. breezes, moderate; fine, very warm. |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--------------------------------------------------------|
| 6 | SCOTLAND WEST | SE. and S. breezes; warm, some showers. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | Same as Nos 3 to 5. |
| 9 | IRELAND NORTH | SE. and S. breezes; fine in east, showery in the west. |
| 10 | IRELAND SOUTH | |

WARNINGS

None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.05	58	50	SEW	2	C	2	Valencia ...	29.88	64	63	SEW	3	PM	3
Sumburgh Head ...	29.84	50	50	SEW	3	T	5	Scilly ...	30.01	67	65	S	4	C	3
Stornoway ...	29.75	60	58	SW	2	O	3	Jersey ...	30.10	71	64	SEW	1	b	1
Aberdeen ...	29.82	67	62	S	2	bc	3	Hurst Castle ...	30.09	71	67	SW	2	b	1
Shields ...	29.89	71	65	SW	4	C	2	Dungeness ...	30.09	70	66	WSW	1	bc	1
Ardrossan ...	29.81	63	60	S	1	C	1	North Foreland ...	30.07	70	65	N	1	b	2
Malin Head ...	29.82	64	61	W	4	C	2	London ...	30.07	76	65	SW	3	bc	*
Mullaghmore ...	29.84	67	64	SEW	2	bc	*	Yarmouth ...	30.04	70	63	WSW	3	bc	3
Belmullet ...	29.84	67	64	SEW	5	0.5m	5	Rocheport ...	30.03	81	72	WNW	3	b	*
Holyhead ...	29.95	64	63	SEW	5	0.5m	5								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over SE^m, S^m and the greater part of central Europe, as well as over Norway. Cloudy or overcast over the British Islands, as well as over Finland and western Russia, with rain in several localities. Considerable rain over our W^m districts later, and in some parts of Scandinavia, smaller quantities in the W. and N. of Scotland; continuing very fine elsewhere.

Temperature rising over our Islands and W^m Europe. Morning readings 70° to 79° in the extreme S. and SE., and over Algeria, and exceeding 60° in most other places — as high as 71° at Archangel. Lowest 48° at Bodo, 51° at Christiansund, 52° at Sumburgh H^d, 56° at ^{Munich} Cracow and Breslau, 57° at Berlin and Münster. Rising later to 93° at Rocheport, 83° at Perpignan, 79° at Paris, and to between 75° and 80° over the inland parts of England.

Wind light and anticyclonic over the greater part of the Continent; NE^{ly} to NW^{ly} over the Mediterranean, E^{ly} over the Bay of Biscay, SW^{ly} and S^{ly} over the British Islands, but mainly N^{ly} over Scandinavia, NW^{ly} to W^{ly} over Germany, SE^{ly} over Finland. Backing gradually towards S. and SE. over the British Islands later, but freshening from NW. at Lisbon.

Barometer highest 30.2 ins. and more to 30.0 ins. over Germany, France, the SE. of England, the North Sea and Norway, and exceeding 30.0 ins. over Tunis. Lowest 29.8 ins. and less in a depression off our NW. coasts, in another over the S. of Finland, and in a third over western Russia. Rising over the United Kingdom later, falling a little over Spain and France. The Continental anticyclone spreading eastwards and northwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 9th August, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)											PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 3).	Weather.	Shade Temp.		Amount of Rainfall.			
Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Max.	Min.								
Ins.		°				Ins.	°	°	°				°	ins.							
SCANDINAVIA.	Haparanda ...	30.36	52	Z	0	b	30.37	+18	58	55	+ 5	SW	4	bc	#	b	63	45	-		
	Hernösand ...	30.37	49	SW	2	b	30.32	+03	57	53	+ 2	S	2	bc	#	b	63	45	-		
	Stockholm ...	30.34	61	Z	0	b	30.33	+10	65	59	+ 5	E	2	b	#	b	70	55	-		
	Wisby ...	30.31	63	ESE	2	b	30.28	+05	67	59	+ 4	E	4	o	#	b	73	55	-		
	Bodö ...	30.28	53	Z	0	b	30.17	?	60	57	+ 10	Z	0	b	0	b	?	48	-		
	Christiansund...	30.16	62	SW	1	r	30.21	+06	57	56	+ 1	Z	0	r	1	r	63	54	0.20		
	Skudesnaes ...	30.24	60	SSW	4	o	30.24	+13	61	59	+ 1	S	6	o	5	o	63	?	-		
	Christiania Fjord (Fjord)	30.32	61	SSW	1	o	30.31	+08	64	60	0	SSE	2	c	1	o	64	61	-		
	Skagen (The seaw.)	30.30	61	S	1	c	30.31	+07	62	59	+ 4	SSW	1	b	0	c	66	52	-		
	Fanö ...	30.28	61	Z	0	b	30.28	+07	61	60	+ 3	E	1	b	#	b	75	57	-		
ISLANDS.	Sumburgh Head	30.08	55	SE	1	r	30.14	+15	55	55	0	NE	2	f	3	r	60	53	0.63		
	Stornoway ...	30.00	60	S	3	o	30.09	+14	59	59	+ 1	E	2	o	3	r	60	54	0.35		
	Wick ...	30.06	59	S	1	r	30.16	?	60	59	0	NE	1	o	1	r	64	51	0.10		
	Nairn ...	30.03	62	ESE	1	o	30.10	+11	63	62	+ 2	Z	0	c	0	o	63	55	0.06		
	Aberdeen ...	30.09	62	S	3	ogmp	30.15	+10	64	61	+ 1	WNW	1	c	1	ogp	66	57	0.01		
	Leith ...	30.09	67	SE	1	o	30.11	+07	61	60	- 1	SE	1	c	#	o	70	54	0.01		
	Shields ...	30.12	66	ESE	2	o	30.15	+07	61	59	- 3	ESE	2	cw	2	r, o	71	58	0.02		
	Spurn Head ...	30.12	66	ESE	3	c	30.14	+03	65	61	0	ESE	3	bw	3	c	68	59	-		
	York ...	30.13	74	ESE	1	bc	30.15	+03	66	63	+ 2	E	2	b	#	bc	77	58	-		
	Loughborough	30.11	80	SE	2	bc	30.12	-02	67	63	+ 1	ESE	1	bwm	#	bc	85	52	-		
BRITISH.	Ardrossan ...	30.06	67	Z	0	o	30.05	+03	69	65	+ 8	NE	2	bm	1	o	69	59	-		
	Malin Head ...	30.00	66	ESE	3	o	29.99	+08	60	58	- 3	ESE	3	om	1	o	67	60	0.02		
	Mullaghmore ...																				
	Belmullet ...	29.97	65	NHE	1	o	29.90	-01	66	62	+ 3	E	2	o	#	o	70	62	0.02		
	Donaghadee ...	30.07	61	SE	2	o	30.04	+03	61	59	0	E	3	m	1	o	63	54	0.01		
	Liverpool (Bldston)	30.08	75	ESE	2	bc	30.05	-03	69	64	+ 4	ESE	2	b	1	bc	80	60	-		
	Holyhead ...	30.04	68	Z	0	bc	29.98	-07	67	62	+ 3	ESE	2	c	2	c, bc	78	61	-		
	Parsonstown ...	29.97	71	Z	0	o	29.88	-09	69	62	+ 5	Z	0	bc	#	o	74	61	-		
	Valencia ...	29.92	73	ESE	2	c	29.75	-19	68	65	+ 5	E	6	cm	4	o, c	73	62	0.17		
	Roche's Point	29.97	66	ESE	4	c	29.82	-17	66	63	+ 3	ESE	5	bc	4	c	68	60	-		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.99	71	ESE	4	c	29.90	-13	67	65	+ 4	ESE	5	bcm	5	c	73	63	-		
	Scilly ...	29.95	67	ESE	4	c	29.86	-10	68	66	+ 3	S	3	cw	3	c	68	63	-		
	Prawle Point ...	29.99	65	E	4	b	29.95	-11	68	64	+ 3	E	3	bcm	2	b	71	63	-		
	Jersey (St. Aubin's)	29.97	78	E	3	bm	29.94	-14	71	67	+ 6	E	3	bcm	3	bm	81	68	-		
	Hurst Castle ...	30.06	72	E	3	bm	30.02	-10	71	67	0	ESE	4	bm	3	bc, bm	77	64	-		
	Dungeness ...	30.10	67	EHE	4	bc	30.06	-09	68	64	0	E	4	b	3	bc	74	63	-		
	North Foreland	30.18	66	E	3	b	30.09	-05	67	64	+ 1	ESE	3	bw	3	b	72	58	-		
	London ...	30.12	76	ESE	3	b	30.09	-06	72	66	+ 1	E	1	b	#	c, b, bwm	85	60	-		
	Oxford ...	30.11	71	E	2	b	30.06	-07	72	65	+ 4	SE	2	b	#	bm	80	59	-		
	Cambridge ...	30.14	76	E	2	b	30.11	-04	68	65	+ 1	E	2	b	#	b	85	57	-		
FRANCE AND BELGIUM.	Yarmouth ...	30.18	67	ESE	1	b	30.15	-01	65	62	0	E	3	bw	3	b	68	62	-		
	Cuxhaven ...	30.31	63	NE	1	b	30.33	+06	64	60	+ 5	E	1	b	#	b	69	59	-		
	Berlin ...	30.25	66	NE	1	b	30.23	-04	60	56	+ 1	WNW	5	b	#	b	73	54	-		
	Wiesbaden ...	#	#	#	#	#	30.21	-03	65	59	+ 5	E	1	b	#	#	75	55	-		
	Munich ...	30.27	60	SE	2	b	30.25	-05	60	56	+ 3	HW	1	b	#	b	70	48	-		
	The Helder ...	30.26	66	EHE	1	b	30.26	+01	65	61	+ 3	E	1	b	#	b	70	62	-		
	Brussels (9 a.m.)	#	#	#	#	#	30.15	-06	70	62	0	E	3	b	#	c	79	59	-		
	Cape Gris Nez	30.09	71	EHE	3	b	30.06	-06	68	62	+ 1	ESE	2	b	2	b	75	61	-		
	Paris ...	30.06	80	EHE	3	b	30.07	-09	67	59	+ 3	ESE	2	b	#	b	86	59	-		
	Brest ...	?	78	Z	0	bc	?	?	62	62	- 5	SSW	2	f	2	bc	88	52	-		
PENIN-SULA.	Lorient ...	29.90	80	Z	0	bc	29.93	-07	66	66	+ 2	S	1	m	?	bc	90	64	-		
	Rochefort ...	29.88	86	Z	0	b	29.95	-01	69	66	+ 5	SE	3	b	#	b	97	61	0.12		
	Belfort ...	?	75	NE	3	b	?	?	67	58	+ 2	NE	3	b	#	b	82	55	-		
	Lyons ...	?	82	SSE	1	b	30.10	-04	69	54	+ 4	SSE	1	b	#	b	89	59	-		
	Nice ...	30.11	70	SW	1	bc	30.11	+09	71	60	- 1	NE	2	b	#	bc	77	64	-		
	Perpignan ...																				
	Biarritz ...	29.84	77	W	8	b	29.90	+04	69	66	- 2	E	3	b	2	b	95	66	-		
	Corunna ...																				
	Lisbon ...	30.00	66	HW	4	b	30.05	+12	70	65	+ 2	S	3	b	#	b	82	64	-		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 9th Aug: 1893.

BAROMETER, WIND AND 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

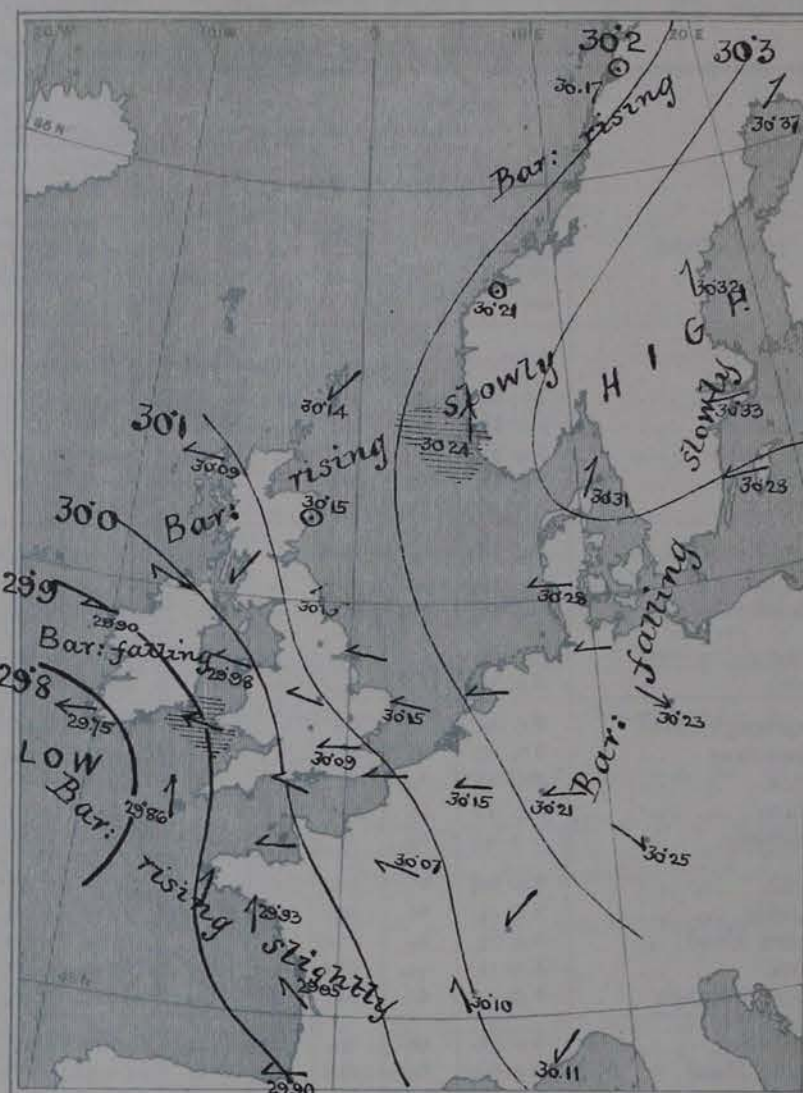
at 8.0 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head.	29.781
Stormoway.	29.796
Wick.	29.810
Nairn.	29.819
Aberdeen.	29.832
Leith.	29.840
Shields.	29.871
Spurn Head.	29.005
York.	29.000
Loughborough.	29.028
Ardrossan.	29.857
Mullaghmore.	29.808
Donaghadee.	29.879
Holyhead.	29.007
Liverpool.	29.006
Parsonstown.	29.920
Valencia.	29.927
Roche's Point.	29.927
Pembroke.	29.928
Silly.	29.062
Prawle Point.	29.975
Jersey.	29.984
Hurst Castle.	29.965
Dover.	29.949
LONDON.	29.954
Oxford.	29.948
Cambridge.	29.937
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.

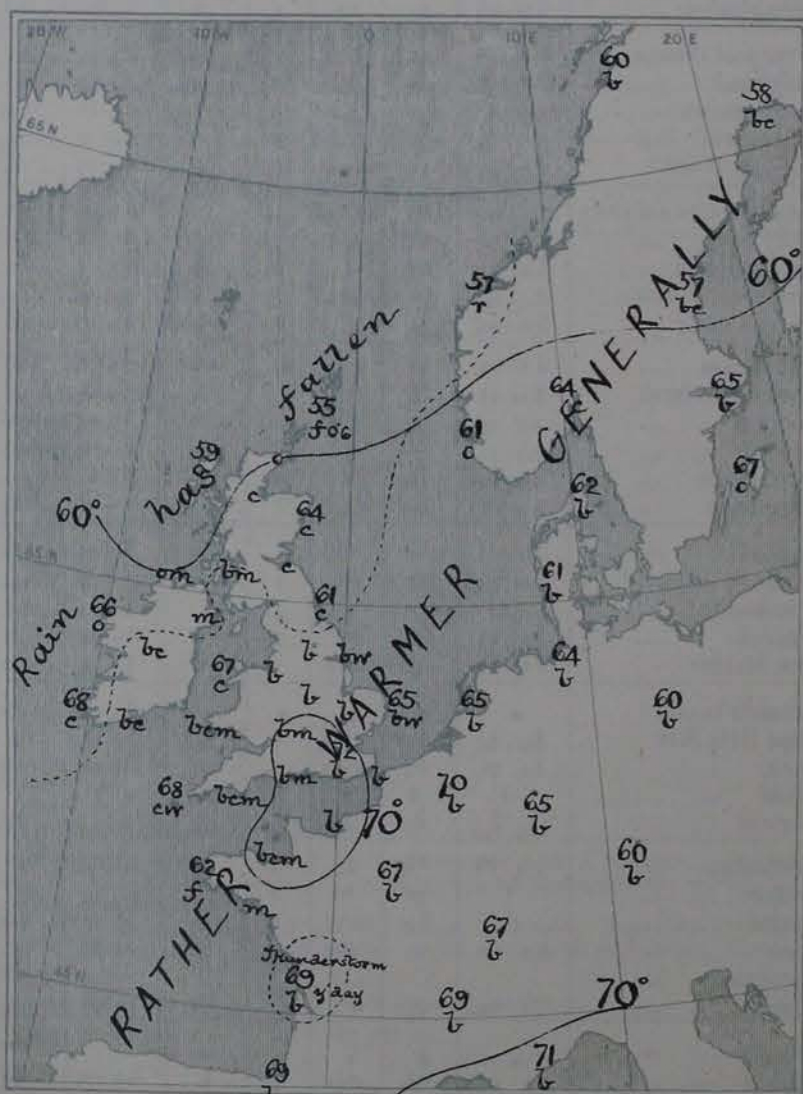
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

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.	57.7	48.4	53.4	51.7	3.16
Stormoway.	59.8	48.8	54.0	53.2	3.87
Wick.	61.1	48.3	55.2	53.2	2.57
Nairn.	63.4	50.3	55.5	52.7	2.75
Aberdeen.	63.1	50.1	56.5	53.4	3.03
Leith.	65.7	51.3	57.5	54.4	2.56
Shields.	63.6	51.9	57.2	54.5	2.85
Spurn Head.	64.3	55.0	58.8	56.6	1.80
York.	67.9	51.3	57.7	55.0	2.54
Loughborough.	70.4	51.8	59.3	56.9	2.53
Ardrossan.	63.6	52.8	57.2	54.8	3.78
Mullaghmore.	63.3	53.8	57.3	54.5	3.65
Donaghadee.	62.2	52.2	56.9	53.3	3.04
Holyhead.	64.1	54.8	58.4	56.2	2.77
Liverpool.	65.8	54.1	58.5	56.2	2.83
Parsonstown.	66.0	51.4	57.3	55.2	3.38
Valencia.	64.7	54.1	59.3	56.9	4.70
Roche's Point.	66.1	53.8	58.9	56.3	3.62
Pembroke.	63.2	55.6	58.6	56.5	2.77
Silly.	64.9	57.0	60.9	58.8	2.39
Prawle Point.	65.3	54.4	60.1	57.9	2.14
Jersey.	68.8	57.1	62.8	59.6	2.24
Hurst Castle.	68.1	55.9	61.0	58.9	2.26
Dover.	67.2	56.7	62.0	58.6	2.04
LONDON.	71.8	53.5	60.0	57.3	2.21
Oxford.	69.3	53.0	58.8	56.0	2.24
Cambridge.	71.3	51.8	60.0	57.1	2.19
Yarmouth.	66.3	54.8	60.5	57.6	2.15

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.1 ins. over all the northern and central countries of Europe, together with the North Sea and the eastern half of Great Britain.
 Lowest 29.8 ins. and less in a depression, the centre of which is lying off the southwest of Ireland.
 Gradients moderate in the west, slight in the east and north.
 Barometer falling in Ireland, the south of England, and over Germany, rising elsewhere.

TEMPERATURE

Highest 77° at Jersey, 72° in London, 71° at Harst Castle and Nice, 70° at Brussels, 68° at Sicily and Valencia (Ireland), 67° at Paris and Stockholm.
 Lowest 55° at Sumburgh Head, 60° at Wick, Malin Head, Berlin and Munich.
 The maxima recorded yesterday were as high as 85° at Loughborough, Cambridge and in London, 86° at Paris, 89° at Lyons, and 90° to 97° on the west coast of France.

WIND

Moderate from the SE^w over France and the Bay of Biscay, and light to fresh from the E^w over our Islands - but S² at Sicily. Over Germany it was W².
 It appeared to be freshening somewhat from the E^w at the Channel stations.

WEATHER

Dull and misty in the northwest of Ireland and the west and north of Scotland, foggy at Sumburgh Head, but very fine everywhere else.
 Considerable rain has fallen in the Shetlands and Hebrides, slight showers in the northern and western parts of Scotland and Ireland. A thunderstorm occurred at Rochefort last night.

SEA

Moderate on our west coasts, slight in the Channel, smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is moving northwards, and does not seem likely to affect the weather on the English coasts much.

FORECASTS

For the 24 hours ending at NOON on 10TH AUGUST. 1893.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|-------------------------------------------------------------------------------------|
| 0 | SCOTLAND NORTH | { E ² and SE ² airs and light breezes, some rain, then finer. |
| 1 | SCOTLAND EAST | { E ² and SE ² breezes, moderate; fine, warm. |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | Same as No. 5. |
| 4 | MIDLAND COUNTIES | { E ² breezes, light; fine, very warm day, cool night. |
| 5 | ENGLAND SOUTH | { E ² breezes, fresh; fine, very warm inland, but night cool. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--------------------------------------------------------------------|
| 6 | SCOTLAND WEST | Same as No. 0. |
| 7 | ENGLAND N.W. | E ² and SE ² breezes, moderate; fine. |
| 8 | ENGLAND S.W. | S ² to E ² breezes, moderate to fresh; fine. |
| 9 | IRELAND NORTH | { SE ² breezes, moderate; showery to fine. |
| 10 | IRELAND SOUTH | |

WARNINGS

None Issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeenæs ...	30.19	63	59	SSE	6	c	4	Valencia ...	29.95	70	66	ESE	2	o	2
Sumburgh Head								Scilly ...	29.95	67	63	ESE	4	c	4
Stornoway ...	29.98	58	58	SE	2	r	2	Jersey ...	30.02	80	68	ESE	4	b	3
Aberdeen ...	30.08	66	61	S	3	o	2	Hurst Castle ...	30.10	76	67	E	3	bc	1
Shields ...	30.12	67	64	ESE	2	o	2	Dungeness ...	30.18	74	65	E	1	bc	1
Ardrossan ...	30.07	67	63	SSE	1	o	1	North Foreland ...	30.15	72	65	E	2	b	1
Malin Head ...	29.99	67	62	S	3	o	1	London (Westminster)	30.13	82	65	SE	2	c	*
Mullaghmore ...								Yarmouth ...	30.18	68	65	SSE	2	b	2
Behnullet ...	29.97	66	64	SW	2	o	*	Rochefort ...	29.92	92	78	ESE	3	b	*
Holyhead ...	30.05	74	65	S	2	c	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over nearly the whole of Europe, cloudy, with an unsettled appearance over the greater part of our Islands, overcast in the W. and NW., with rain in places. Considerable rain in the Shetlands and Hebrides later, and small quantities in Scotland and Ireland; thunderstorm at Rochefort.

Temperature increasing decidedly over the W^m countries, falling over Finland. Morning readings 70° to 79° over the Mediterranean and Spain, and 71° in London and Hurst Castle. Lowest (1) 50° to 56° over the N^m parts of Scandinavia and the Shetland Isles to 55° to 59° over the central and southern parts of Germany. Rising during day to between 80° and 85° over England, to 86° at Paris, and to between 90° and 97° in the west of France.

Wind: light to moderate — from between NW. and NE over southeastern Europe, from E. over Spain, from SE over the Bay of Biscay and the British Islands, and from NW over Finland. Becoming more E^{ly} at our southern stations later and freshening, but blowing hard at Biarritz for a time.

Barometer highest 30.3 ins. to 30.5 ins. in a large anticyclone covering nearly the whole of Europe, having its maximum over South Germany. Lowest 29.9 ins. and less over the N. of Spain, and off our extreme NW. coasts; 30.0 ins. and less over the White Sea and also over the extreme SE. of Europe. Rising over the N^m countries later, falling over France and the S^m parts of the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 10th August,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.				
Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.	Amount of Rainfall.			
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	30.19	57	Z	0	c	30.08	- 2.9	58	55	0	SW	2	0	#	c	63	50	-	
	Hernösand ...	30.18	58	S	6	r	30.16	- 1.6	61	54	+ 4	W	6	b	#	r	64	41	0.02	
	Stockholm ...	30.26	62	Z	0	b	30.21	- 1.2	69	60	+ 4	W	2	c	#	b	73	54	-	
	Wisby ...	30.26	65	E	2	b	30.23	- 0.5	63	61	- 4	ESE	2	b	#	b	70	55	-	
	Bodö ...	30.13	53	Z	0	o	30.22	+ 0.5	50	48	- 10	W	4	r	2	o	?	48	1.74	
	Christiansund...	30.24	54	NNW	8	b	?	?	55	54	- 2	?	1	f	2	b	59	52	0.35	
	Skudesnaes ...	30.27	61	S	4	f	30.25	+ 0.1	60	60	- 1	ESE	2	f	2	f	62	37	0.35	
	Christiania Fjord (Færdar)	30.25	64	NNW	3	bc	30.24	- 0.7	63	59	- 1	NNW	3	o	2	bc	64	63	-	
	Skagen (The Scaw)	30.25	62	NW	1	bc	30.22	- 0.9	64	62	+ 2	NW	1	bc	0	bc	73	55	-	
	Fanö ...	30.24	62	Z	0	b	30.21	- 0.7	62	60	+ 1	E	2	b	#	b	73	61	-	
BRITISH ISLANDS.	Sumburgh Head	30.19	55	ESE	3	o	30.18	+ 0.4	55	55	0	ESE	2	f	4	o	58	54	0.01	
	Stornoway ...	30.01	64	NE	3	c	29.95	- 1.4	63	60	+ 4	NE	3	bc	3	c	65	55	0.01	
	Wick ...	30.13	60	S	2	bc	30.13	- 0.3	59	58	- 1	S	3	bc	2	bc	65	54	-	
	Nairn ...	30.03	72	SE	2	b	30.02	- 0.8	64	57	+ 1	SSW	1	b	1	b	74	56	-	
	Aberdeen ...	30.14	61	ESE	2	b	30.11	- 0.4	61	59	- 3	SE	3	bw	2	bc, b	69	54	-	
	Leith ...	30.04	71	E	1	b	29.98	- 1.3	60	59	- 1	NE	2	r	#	b	77	56	0.01	
	Shields ...	30.08	61	ESE	5	b	29.99	- 1.6	59	58	- 2	ESE	5	op	#	bc, b	68	55	-	
	Spurn Head ...	30.05	62	ESE	5	b	29.87	- 2.7	60	59	- 5	E	6	cm	5	b, bc	66	59	0.18	
	York ...	30.06	72	E	2	b	29.96	- 1.9	62	61	- 4	E	3	c	#	b, bc	81	59	0.29	
	Loughborough	30.00	81	SE	4	b	29.96	- 1.6	63	62	- 4	SE	1	cm	#	b, bc	85	61	0.25	
GERMANY & HOLLAND.	Ardrossan ...	29.94	75	SE	1	cm	29.90	- 1.5	62	60	- 7	NE	3	cm	2	bc, bc	78	57	0.15	
	Malin Head ...	29.84	73	S	5	o	29.79	- 2.0	61	58	+ 1	ESE	5	o	2	o, bc	73	59	0.73	
	Mullaghmore ...																			
	Belmullet ...	29.80	73	SE	3	c	29.73	- 1.7	67	63	+ 1	E	3	bc	#	c	77	60	-	
	Donaghadee ...	29.93	65	ESE	5	c	29.86	- 1.8	60	59	- 1	ESE	5	c	4	c, bc	67	60	0.38	
	Liverpool (Bldston)	29.92	77	ESE	4	b	29.91	- 1.4	67	62	- 2	SE	2	o	2	b	80	64	-	
	Holyhead ...	29.90	69	NW	1	cl	29.88	- 1.0	67	63	0	SSW	1	b	1	b, cl	83	61	-	
	Parsonstown ...	29.86	71	SE	1	o	29.74	- 1.4	65	61	- 4	SE	2	o	#	c, o	77	60	-	
	Valencia ...	29.77	67	SE	4	p	29.62	- 1.3	64	63	- 4	SSE	4	op	#	cq, r	73	61	0.32	
	Roche's Point	29.85	64	SSE	3	c	29.73	- 0.9	63	61	- 3	S	5	op	#	c	69	60	0.45	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.90	67	S	1	bc	29.87	- 0.3	63	62	- 4	SE	4	bc	3	bc, l	73	60	-	
	Scilly ...	29.89	65	SSE	3	c	29.83	- 0.3	65	63	- 3	S	4	c	4	c, b	71	62	-	
	Prawle Point ...	29.91	69	Z	0	b	29.94	- 0.1	64	63	- 4	SW	4	c	3	b, l	70	59	-	
	Jersey (St. Aubin's)	29.89	74	NNW	3	bc	30.00	+ 0.6	68	64	- 9	SW	3	bc	3	bc	84	59	-	
	Hurst Castle ...	29.91	74	ESE	5	b	29.98	- 0.4	65	62	- 6	W	2	c	2	b, l	77	63	-	
	Dungeness ...	29.96	68	ESE	4	bc	29.93	- 1.3	68	65	0	SSW	3	c	2	bc, l	73	65	-	
	North Foreland	29.98	68	E	4	b	29.92	- 1.7	67	63	0	SE	4	c	4	bc, bc	69	62	0.15	
	London ...	29.98	76	ESE	3	b	29.93	- 1.6	73	65	+ 1	SW	1	bc	#	b, bc	86	64	0.11	
	Oxford ...	29.96	72	E	2	b	29.93	- 1.3	67	64	- 5	S	1	c	#	b, bc	82	43	0.01	
	Cambridge ...	30.02	76	E	4	b	29.92	- 1.9	68	65	0	E	2	c	#	b, r	85	62	0.63	
PENINSULA.	Yarmouth ...	30.07	67	E	4	b	29.97	- 1.8	65	62	0	Z	0	c	3	b	68	62	-	
	Cuxhaven ...	30.27	65	ESE	2	b	30.25	- 0.8	66	63	+ 2	E	2	b	#	b	71	64	-	
	Berlin ...	30.18	64	NW	4	c	30.20	- 0.3	60	57	0	ESE	2	b	#	c	70	57	-	
	Wiesbaden ...	#	#	#	#	#	30.14	- 0.7	66	59	+ 1	E	2	b	#	#	77	55	-	
	Munich ...	30.17	66	NE	2	r	30.19	- 0.6	58	54	- 2	NE	1	b	#	r	72	52	-	
	The Helder ...	30.18	68	ESE	3	b	30.15	- 1.1	67	62	+ 2	ESE	3	b	2	b	72	64	-	
	Brussels (9 a.m.)	#	#	#	#	#	30.05	- 1.0	70	61	0	ESE	2	bc	#	b	83	62	-	
	Cape Gris Nez	29.97	80	SE	1	b	29.92	- 1.4	69	63	+ 1	S	1	c	2	b	88	?	-	
	Paris ...	29.99	84	E	2	b	29.99	- 0.8	71	65	+ 4	ESE	1	c	#	b	91	64	-	
	Brest ...	?	68	SSW	2	b	?	?	64	63	+ 2	S	4	c	3	b	79	61	-	
FRANCE AND BELGIUM.	Lorient ...	29.96	70	W	4	b	30.02	+ 0.9	65	64	- 1	S	3	c	2	b	78	?	-	
	Rochefort ...	29.94	72	N	3	bc	30.00	+ 0.5	68	63	- 1	NNW	4	c	#	b, bc	86	63	0.08	
	Belfort ...																			
	Lyons ...	30.00	84	S	1	b	30.04	- 0.6	68	58	- 1	SSW	1	b	#	b	92	62	-	
	Nice ...	30.06	71	Z	0	b	30.01	- 1.0	69	62	- 2	E	1	bc	1	b	81	64	-	
	Perpignan ...	30.03	72	NE	3	b	30.04	- 0.7	69	61	+ 3	N	2	f	#	b	81	63	-	
	Biarritz ...	29.93	73	W	4	o	30.01	+ 1.1	70	68	+ 1	SW	2	o	2	o	92	68	-	
	Corunna ...	30.05	#	#	#	#	30.09	+ 0.4	69	62	- 1	N	4	bc	#	#	82	64	-	
	Lisbon ...																			

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 10th Aug: 1893.

BAROMETER, WIND AND 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.

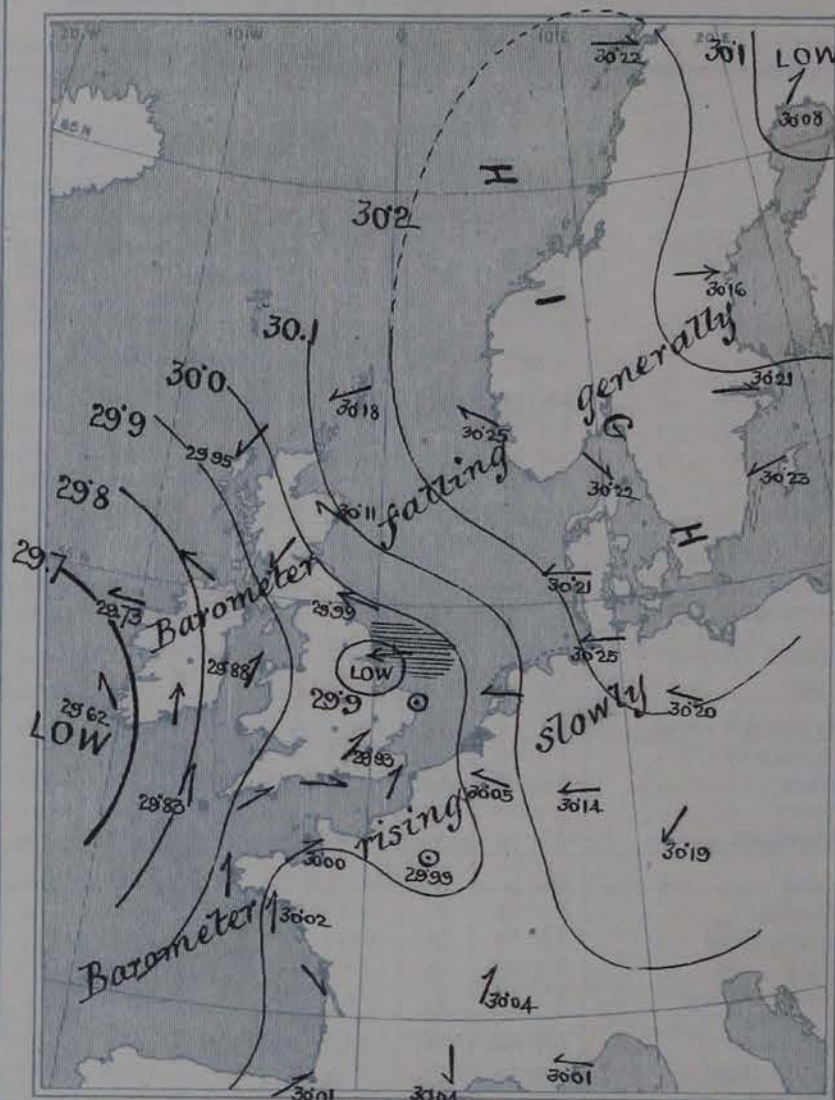
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of August.
during the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Androssan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.982
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.940
LONDON	29.954
Oxford	29.948
Cambridge	29.937
Yarmouth	29.928



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more to 30.1 ins. in an anticyclone of irregular form covering Scandinavia, the North Sea and Germany; and exceeding 30.1 ins. over France and Spain.

Lowest 29.7 ins. and less over the southwest of Ireland and adjacent parts of the Atlantic, and rather below 29.9 ins. in a local depression over Lincolnshire.

Gradients rather steep off our N.E. and E. coasts, moderate in the W., slight and irregular elsewhere. Barometer changing very fitfully, but slightly, in the S. falling in the N.W. and N.E.

TEMPERATURE

Highest 73° in London, 71° at Paris, 70° at Brussels and Biarritz.

Lowest 50° at Bodo, 55° at Christiansund and Sumburgh, 59° at Wick and Shields.

The maxima recorded yesterday were as high as 86° in London, and 80° to 85° in many other parts of England, 91° at Paris, 92° at Lyons and Biarritz.

WIND

Moderate from S. at the mouth of the Channel and on our southwestern coasts, from E. in the north of Ireland and from N.E. in the west of Scotland, but from S.E. and E. on our N.E. coasts. In the Channel it was light from S.W. and over Germany from the E.

WEATHER

Fine over the southern half of England and the greater part of Scotland, rainy in the N.E. of England and in Finmark, foggy in the west of Norway. Over France & Germany it was very fine. Considerable rain fell during the night over the S.E. and E. of England, and also on our N.W. coasts, where thunderstorms, of brief duration occurred, while lightning was seen at our S.W. and W. stations also.

SEA

Slight in the Channel, moderate generally elsewhere; rather rough at the mouth of the Humber.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In the rear of the depression over Lincolnshire the weather is becoming clear again, but is not at all settled, there being some indications of further disturbances being developed over France.

FORECASTS

For the 24 hours ending at NOON on 11TH AUGUST 1893.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

SE² winds, showery, unsettled, thunder locally.

1 SCOTLAND EAST

2 ENGLAND N.E.

E² and varying winds, thundery, showery, finer later, but not settled.

3 ENGLAND EAST

Same as No. 5.

4 MIDLAND COUNTIES

Same as No. 2.

5 ENGLAND SOUTH

Varying light breezes, unsettled, very warm at times, thunder showers later.

6 SCOTLAND WEST

Same as Nos. 0. and 1.

7 ENGLAND N.W.

8 ENGLAND S.W.

SE² to SW² breezes, close, changeable, showery, bright intervals, thunder in some localities.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

None Issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.27	62	60	S	4	f	4	Valencia ...	29.79	72	67	SSE	4	cqj	4
Sumburgh Head ...	30.20	58	57	NE	2	o	3	Scilly ...	29.89	71	68	SE	3	b	3
Stornoway ...	30.06	62	61	NE	3	c	3	Jersey ...	29.94	78	69	ESE	2	b	2
Aberdeen ...	30.15	63	61	SE	1	bc	1	Hurst Castle ...	29.96	77	69	E	6	bm	3
Shields ...	30.12	65	63	E	3	bc	2	Dungeness ...	30.00	72	66	E	3	bc	2
Ardrossan ...	?	75	68	?	1	bc	1	North Foreland ...	30.03	69	65	E	4	b	3
Malin Head ...	29.93	63	60	ESE	4	o	2	London (Westminster)	30.02	80	65	ENE	3	b	*
Mullaghmore ...								Yarmouth ...	30.11	68	64	E	3	b	3
Belmullet ...	29.80	72	67	E	5	c	*	Rochefort ...	29.95	80	74	W	3	b	*
Holyhead ...	29.79	83	67	SSE	3	b	3								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information will be issued tomorrow.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday, 11th August,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°						°	ins.			
SCANDINAVIA.	Haparanda ...	29.95	55	NW	4	o	29.99	-0.09	55	51	-3	NW	2	bc	#	o	59	54	-	
	Hernösand ...	30.19	59	W	4	b	30.19	+0.03	60	53	-1	W	4	bc	#	b	70	55	-	
	Stockholm ...	30.22	62	W	0	b	30.23	+0.02	66	57	-3	NNE	2	b	#	b	73	55	-	
	Wisby ...	30.21	66	S	4	b	30.22	-0.01	63	62	0	N	2	b	#	b	70	55	-	
	Bodö ...	30.18	60	N	4	T	30.10	-0.12	50	49	0	SW	4	T	2	T	50	48	0.16	
	Christiansund...	30.28	57	NNE	1	b	30.25	?	53	52	-2	NNE	1	f	1	b	61	48	-	
	Skudesnaes ...	30.19	64	NW	2	b	30.18	-0.07	57	57	-3	W	0	f	2	b	72	52	-	
	Christiania Fjord (Færd)	30.20	67	W	1	b	30.20	-0.04	63	59	0	NNE	2	b	1	b	70	63	-	
	Skagen (The Scaw)	30.20	60	N	1	bc	30.18	-0.04	65	64	+1	NNE	1	b	0	bc	68	54	-	
	Fanö ...	30.14	66	ESE	2	b	30.14	-0.07	64	61	+2	E	1	b	#	b	81	61	-	
BRITISH ISLANDS.	Sumburgh Head	30.15	55	ENE	2	f	30.11	-0.07	55	55	0	ENE	2	f	4	f	58	53	-	
	Stornoway ...	29.90	68	SE	3	c	29.89	-0.06	63	61	0	S	3	bc	3	c	72	56	0.04	
	Wick ...	30.07	58	SE	5	o	30.07	-0.06	58	56	-1	SE	4	o	3	o	64	55	-	
	Nairn ...	29.95	69	ESE	2	c	29.96	-0.06	67	60	+3	W	0	bc	1	c	75	59	-	
	Aberdeen ...	30.05	59	SE	3	c	30.03	-0.08	61	59	0	SSE	3	c	3	c	65	57	0.02	
	Leith ...	29.92	65	ENE	2	o	29.99	+0.01	60	59	0	N	1	om	#	o	69	57	0.27	
	Shields ...	29.97	59	ESE	4	o	30.02	+0.03	61	60	+2	S	1	m	2	p.c.p	64	55	0.30	
	Spurn Head ...	29.95	61	ESE	3	c	30.04	+0.17	61	60	+1	W	3	f	3	tlr	65	58	0.38	
	York ...	29.93	66	E	1	b	30.05	+0.09	62	61	0	SW	1	b	#	tlr, b	70	59	0.39	
	Loughborough	29.92	76	SSW	2	bc	30.08	+0.12	63	61	0	SSW	1	cmw	#	bc	81	52	0.02	
GERMANY & HOLLAND.	Ardrossan ...	29.87	68	SE	2	o	29.94	+0.04	64	62	+2	ESE	2	om	2	tlr	72	60	0.25	
	Malin Head ...	29.74	68	SSE	4	bc	29.79	+0.00	62	60	+1	S	5	o	2	bc	73	60	-	
	Mullaghmore ...																			
	Belmullet ...	29.65	67	SE	5	o	29.69	-0.04	63	62	-4	SE	5	o	#	o	70	58	0.21	
	Donaghadee ...	29.86	62	ESE	5	b	29.93	+0.07	60	60	0	SSE	5	f	3	b	65	59	-	
	Liverpool (Bldston)	29.90	70	NW	1	bc	30.02	+0.11	67	64	0	SE	1	b	1	bc	77	58	0.02	
	Holyhead ...	29.87	67	S	3	cq	29.97	+0.09	64	62	-3	S	4	ogm	3	c, cq	74	62	0.02	
	Parsonstown ...	29.73	66	SE	1	rd	29.79	+0.05	61	60	-4	SE	2	ot	#	o, t	72	59	0.30	
	Valencia ...	29.71	66	S	5	omp	29.81	+0.19	66	65	+2	S	4	om	4	gmp	68	61	1.06	
	Roche's Point	29.80	64	SSW	4	c	29.86	+0.13	63	63	0	SSW	5	T	4	p.c.t	67	60	1.05	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.92	64	SSW	4	b	30.00	+0.13	62	60	-1	S	4	ogp	5	b	67	61	0.01	
	Scilly ...	29.93	68	SSE	4	c	30.01	+0.18	65	64	0	S	4	T	4	c	71	60	0.47	
	Prawle Point ...	29.78	64	SW	4	c	30.11	+0.17	62	62	-2	SW	3	f	3	cq	67	62	-	
	Jersey (St. Aubin's)	30.01	71	WNW	2	b	30.16	+0.16	67	64	-1	SW	3	c	3	b	75	60	-	
	Hurst Castle ...	30.01	68	SSW	3	b	30.13	+0.15	67	65	+2	SW	3	om	2	bm	74	64	-	
	Dungeness ...	29.98	66	W	4	c	30.10	+0.17	66	64	-2	WNW	2	c	1	bc, c	70	57	-	
	North Foreland	29.89	64	W	3	tlr	30.09	+0.17	64	62	-3	W	1	o	2	tlr, l	72	59	0.02	
	London ...	29.96	75	SW	2	bv	30.11	+0.18	67	62	-6	SW	1	c	#	bv, bl, o	81	61	-	
	Oxford ...	30.00	67	SW	4	b	30.08	+0.15	67	63	0	SW	3	c	#	c, b, l	77	61	-	
	Cambridge ...	29.93	75	SSE	1	b	30.09	+0.17	66	63	-2	SW	1	c	#	b	77	57	0.49	
PENIN- SULA.	Yarmouth ...	29.95	66	SE	3	c	30.06	+0.09	66	63	+1	W	2	b	2	tp, c, ltr	67	58	0.20	
	Cuxhaven ...	30.19	65	E	2	b	30.19	-0.06	64	61	-2	SSE	1	m	#	b	72	62	-	
	Berlin ...	30.15	69	ENE	1	b	30.16	-0.04	63	59	+3	NNE	1	b	#	b	75	59	-	
	Wiesbaden ...	*	*	*	*	*	30.12	-0.02	68	60	+2	E	1	c	#	#	77	55	-	
	Munich ...	30.19	60	E	2	b	30.17	-0.02	60	56	+2	NNE	3	b	#	b	70	46	-	
	The Helder ...	30.08	70	E	2	bc	30.09	-0.06	67	64	0	ESE	1	c	1	bc	75	64	-	
	Brussels (9 a.m.)	*	*	*	*	*	30.11	+0.06	64	63	-6	SW	2	o	#	o	85	61	0.12	
	Cape Gris Nez	29.93	64	SW	2	o	30.09	+0.17	62	61	-7	WNW	3	o	3	o	86	52	-	
	Paris ...	30.01	72	NW	2	o	30.13	+0.14	63	61	-8	NNE	2	b	#	o	80	58	0.35	
	Brest ...	?	67	SW	3	c	?	?	64	64	0	SW	2	c	4	c	72	59	-	
PENIN- SULA.	Lorient ...	30.06	70	WSW	4	b	30.15	+0.13	66	65	+1	SW	1	bc	4	b	75	63	-	
	Rochefort ...	30.05	71	NW	4	bc	30.14	+0.14	66	64	-2	NNE	3	b	#	tl, bc	82	59	-	
	Belfort ...	?	78	NE	1	b	?	?	63	59		NNE	3	T	#	b	84	60	-	
	Lyons ...	29.97	80	NW	1	o	30.07	+0.03	72	64	+4	NW	2	o	#	o	94	68	-	
	Nice ...	29.96	72	W	0	bc	30.00	-0.01	70	67	+1	E	1	o	2	bc	81	64	-	
	Perpignan ...	29.97	77	E	2	o	30.06	+0.02	78	69	+9	W	2	b	#	o	86	69	-	
	Biarritz ...	30.06	73	N	3	c	30.15	+0.14	69	65	-1	ENE	3	bc	2	c	77	68	-	
	Corunna ...	*	*	*	*	*										*	*	*	*	
	Lisbon ...	30.08	67	NW	5	b	30.11	+0.02	69	61	0	NNE	3	b	#	b	61	63	-	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 11th August, 1893.

BAROMETER, WIND AND 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:

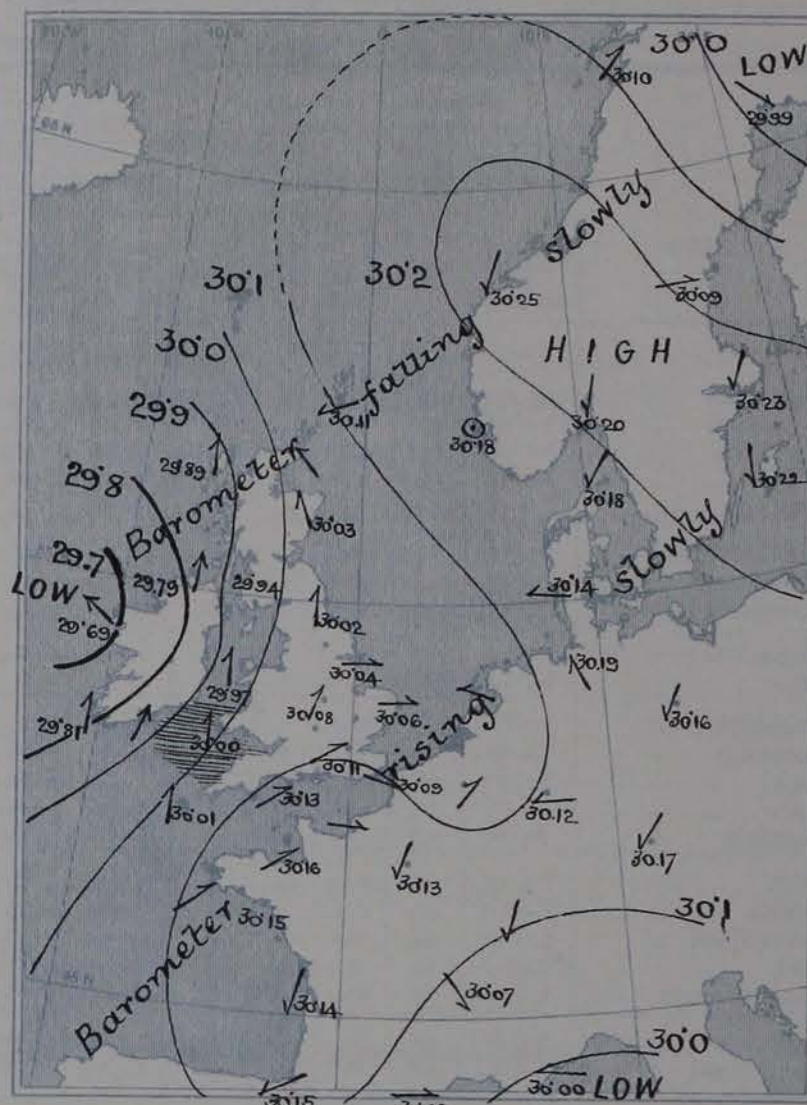
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.	MEAN READINGS.
Sunbury Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.957
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.996
Parsonstown	29.999
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	
Sunbury Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	53.0	58.8	56.0	1.86
York	67.6	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.0	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	53.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.0	2.77
Scilly	64.9	57.0	60.0	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.0	2.04
LONDON	71.8	53.5	60.3	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.10
Yarmouth	66.3	54.8	60.5	57.6	2.13

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more over Scandinavia, and exceeding 30.1 ins. in an Anticyclone of irregular outline covering the greater part of the Continent.

Lowest 29.7 ins. and less in a depression off our western coasts, and about 30.05 ins. in a small shallow system between the mouth of the Thames and Flushing.

Gradients somewhat decided over our western districts, slight and variable in the east.

Barometer falling at our northern stations, ^{rising} ~~steadily~~ in the south.

Highest 78° at Perpignan, 70° at Nice, 69° at Lisbon and Biarritz, 67° at Harst Castle, London and Oxford, 66° even at Stockholm.

TEMPERATURE

Lowest 50° at Bodø, 53° at Christiansund, 55° at Sumburg H., 60° at Donaghadee.

The maxima recorded yesterday were below 80° in most parts of the Kingdom, but 81° at Loughborough and in London, 80° at Paris, 85° at Brussels, & 94° at Lyons. The night was again warm.

W. to N. over Sweden, N. to NE. over the greater part of France and Spain.

SW. to S. over England, S. to SE. in Ireland, SE. in Scotland.

In force it was light or moderate generally, but strong (SE.) at Belmullet.

It had been very variable over England during the preceding day.

WIND

Fine and bright at the Continental stations as a whole, fair over England and Scotland, dull, wet and misty on our southwestern and western coasts.

Thunderstorms occurred very generally over our Midland and eastern counties yesterday, and much lightning in the south at night. Heavy rains have fallen in the south of Ireland.

WEATHER

SEA

Moderate at the western and southwestern stations, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west is moving northwards and is likely to cause rain in the west and northwest; the small disturbance in the east may perhaps cause some more thunderstorms over our eastern and northeastern counties, but fine, warm weather is probable in the south.

FORECASTS

For the 24 hours ending at NOON on 12TH AUGUST 1893.

DISTRICTS.

FORECASTS.

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

SE. breezes, moderate; cloudy, perhaps local showers, fine later.

Varying airs; close, misty, some lightning, improving later.

SW. breezes, light to moderate; fair generally, warm.

DISTRICTS.

FORECASTS.

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

S. and SW. breezes, light to moderate; close, cloudy, fair.

SW. and S. breezes, moderate; showers at times, close.

S. and SW. winds, changeable, some rain at times, bright intervals.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.24	71	64	NW	4	b	2	Valencia ...	29.65	65	65	S	5	ogmp	5
Sumburgh Head ...	30.18	57	57	E	2	f	4	Scilly ...	29.89	71	68	S	4	c	4
Stornoway ...	29.93	70	65	SE	3	c	3	Jersey ...	30.02	72	67	SS E	2	b	2
Aberdeen ...	30.10	63	60	SS E	4	cq	4	Hurst Castle ...	30.02	72	67	SW	3	bm	1
Shields ...	29.98	62	56	SE	4	c	0	Dungeness ...	29.97	69	65	WSW	3	bc	2
Ardrossan ...	29.87	67	64	SE	2	0	2	North Foreland ...	29.96	68	65	S	3	c	3
Malin Head ...	29.78	71	64	SE	5	bc	2	London (Westminster)	29.96	80	66	WSW	2	c	*
Mullaghmore ...								Yarmouth ...	29.99	66	63	ESE	6	cq	4
Belmullet ...	29.68	70	65	E	5	0	*	Rocheport ...	30.02	74	72	NW	4	bc	*
Holyhead ...	29.89	72	64	SE	2	0	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Mediterranean and S^m Europe, as well as over the Netherlands and W^m Germany, the Baltic Provinces and N^m Russia; cloudy and unsettled elsewhere, with rain in many places, and thunder showers in the N.E. and E. of England. Steady rain over Hungary and Poland also. Heavy falls during day in the S. of Ireland, and thunderstorms in the N. and E. of England and at Rocheport. Much lightning over the S. of England at night.

Temperature changing very fitfully. Morning readings, exceeding 70° over all the S^m countries, and, locally, in London also. Lowest 50° at Bodo, 55° at Christiansund and Sumburgh H., 59° at Wick, above 60° elsewhere. Rising later to 81° at Loughborough, and in London to 85° at Brussels, 86° at Perpignan, and to 94° at Lyons.

Wind exceedingly variable over the Continent, but chiefly NE² over the Baltic, E² over Germany and the Netherlands and E. of England, SE² over Scotland and the N. of Ireland, S² over our extreme SW. districts and Brittany, and W² to SW² over the SE. of England. Not much change later over our Islands, but N² breeze setting in over France.

Barometer highest 30.2 ins. and more to 30.1 ins. in an anticyclone of very complex form covering the greater part of N^m and central Europe, and exceeding 30.0 ins. over S^m Europe, the Mediterranean and Algeria. Lowest 29.7 ins. and less in a depression off the W. of Ireland, and 29.9 ins. and less in a shallow secondary over Lincolnshire; 29.8 ins. and less in another over the N^m part of the Black Sea. Gradients very irregular. The depression in the west moving W² later, that over Lincolnshire disappearing, but other shallow systems forming over France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning, m. misty, (heavy); 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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 12th August, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)											PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.	
		Ina.	°				Ina.	°	°	°							°	ins.			
SCANDINAVIA.	Haparanda ...	29.88	54	2	0	c	29.82	-17	55	50	0	NE	4	bc	#	c	66	48	0.16		
	Hernösand ...	30.06	58	2	0	b	30.01	-18	60	53	0	W	2	c	#	b	75	46	-		
	Stockholm ...	30.12	61	S	2	b	30.04	-19	68	61	+2	NW	2	b	#	b	78	55	-		
	Wisby ...	30.16	62	SSE	2	b	30.08	-14	64	61	+1	W	4	b	#	b	70	55	-		
	Bodö ...	30.00	49	W	6	r	30.05	-05	46	43	-4	W	4	o	2	r	50	43	0.20		
	Christiansund...	30.15	55	NNE	1	c	30.12	-13	56	53	+3	NNE	2	f	1	c	56	50	-		
	Skudesnaes ...	30.14	61	2	0	f	30.08	-10	61	59	+4	SSE	3	o	2	b.f	72	54	-		
	Christiania Fjord (Fjord)	30.10	68	W	1	b	30.06	-14	64	61	+1	NW	2	b	1	b	70	63	-		
	Skagen (The Scaw)	30.13	66	2	0	bc	30.08	-10	65	61	0	W	1	bc	0	bc	75	57	-		
	Fanö ...	30.12	68	E	1	b	30.06	-08	67	64	+3	E	1	b	#	b	84	61	-		
BRITISH ISLANDS.	Sumburgh Head	30.04	55	NE	3	f	29.96	-15	56	56	+1	2	0	r	4	f	57	53	0.09		
	Sternoway ...	29.84	62	S	2	f	29.93	+04	60	60	-3	SW	5	o	4	f	67	57	0.08		
	Wick ...	29.96	66	SE	2	f	30.00	-07	65	63	+7	2	0	c	0	f	65	55	-		
	Nairn ...	29.90	66	2	0	f	29.98	+02	65	62	-2	W	2	bc	0	f	74	57	0.07		
	Aberdeen ...	29.98	58	S	2	odm	30.00	-03	67	62	+6	NW	1	bc	1	om, md	67	54	0.02		
	Leith ...	29.94	63	2	0	o	30.03	+04	65	60	+5	WSW	2	bc	#	o	65	55	0.05		
	Shields ...	29.99	68	SSW	1	r	30.06	+04	65	62	+4	WSW	3	c	2	c, p	70	68	-		
	Spurn Head ...	30.04	70	SSW	2	c	30.08	+04	66	64	+5	WSW	2	b	2	c, t, r, m	70	60	0.03		
	York ...	30.04	71	SW	2	o	30.10	+05	67	63	+5	W	1	b	#	o	76	61	0.03		
	Loughborough	30.10	69	SW	3	o	30.14	+06	68	66	+5	W	1	cm	#	o, p	77	63	0.20		
GERMANY & HOLLAND.	Ardrossan ...	29.91	63	2	0	om	30.07	+13	60	59	-4	S	2	bc	2	om	65	57	0.30		
	Malin Head ...	29.85	66	SW	2	cp	30.04	+25	62	59	0	SW	3	om	2	o, cp	69	58	0.04		
	Mullaghmore ...																				
	Belmullet ...	29.91	66	SW	2	b	30.05	+36	64	62	+1	SW	2	b	#	b	70	58	-		
	Donaghadee ...	29.91	64	SE	3	c	30.09	+16	63	61	+3	WSW	3	bc	2	c	65	57	0.07		
	Liverpool (Bidston)	30.02	69	S	2	o	30.13	+11	67	63	0	WSW	2	b	2	o	71	61	0.07		
	Holyhead ...	29.97	63	SSW	5	gm	30.13	+16	60	60	-4	SE	1	fg	1	r, gm	65	57	0.20		
	Parsonstown ...	29.92	73	SW	1	c	30.13	+34	64	61	+3	2	0	fg	#	c	75	54	0.02		
	Valencia ...	29.97	68	SSW	4	bcm	30.12	+31	66	64	0	SSE	2	bc	3	bcm	70	59	-		
	Roche's Point	29.99	66	SW	3	c	30.17	+31	65	61	+2	SW	2	bc	3	c	70	60	0.04		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.05	63	SSW	5	r	30.15	+15	64	63	+2	S	1	c	5	r, f	64	62	0.29		
	Scilly ...	30.08	68	S	4	om	30.15	+14	65	65	0	S	3	f	4	c, om	69	61	0.03		
	Prawle Point ...	30.16	64	SW	2	o	30.20	+09	63	63	+1	WSW	2	f	3	o, f	67	62	0.01		
	Jersey (St. Aubin's)	30.18	75	W	3	b	30.23	+07	72	65	+5	WSW	3	bw	3	b	78	58	-		
	Hurst Castle ...	30.17	67	WSW	4	cm	30.20	+07	66	65	-1	SW	2	odm	1	cm	72	64	-		
	Dungeness ...	30.12	66	W	4	c	30.18	+08	66	65	0	W	2	op	1	bc, c	71	64	0.01		
	North Foreland	30.09	72	SW	2	ct	30.15	+06	65	64	+1	W	1	og	2	bc, ct	72	63	0.07		
	London ...	30.12	73	WSW	2	c	30.18	+07	66	65	-1	WSW	1	o	#	bc, c, or	81	62	0.05		
	Oxford ...	30.13	68	SW	2	o	30.17	+09	66	65	-1	WSW	1	og	#	c, o, r	76	64	0.08		
	Cambridge ...	30.10	73	SW	3	o	30.15	+06	66	65	0	SSW	1	r	#	o	79	62	0.21		
PENINSULA.	Yarmouth ...	30.09	71	2	0	b	30.12	+06	66	65	0	W	2	o	2	b	73	64	0.08		
	Cuxhaven ...	30.15	66	E	1	b	30.15	+04	64	62	0	SW	1	m	#	b	73	62	-		
	Berlin ...	30.10	73	NNE	1	b	30.12	+04	65	61	+2	NNE	2	b	#	b	79	61	-		
	Wiesbaden ...	#	#	#	#	#	30.15	+03	67	63	-1	N	2	b	#	#	77	57	-		
	Munich ...	30.17	64	SW	2	b	30.19	+02	62	59	+2	SW	5	o	#	b	73	55	-		
	The Helder ...	30.16	66	W	1	b	30.17	+08	66	64	-1	SW	1	c	1	b	72	57	-		
	Brussels (9 a.m.)	#	#	#	#	#	30.20	+09	63	61	-1	WSW	1	o	#	c	77	59	-		
	Cape Gris Nez	30.12	64	WSW	3	m	30.13	+04	64	63	+2	WSW	2	r	2	m	81	61	-		
	Paris ...	30.17	73	NNE	2	b	30.19	+06	63	61	0	2	0	c	#	b	79	57	-		
	Brest ...	?	69	SW	2	b	?	?	63	63	-1	ESE	1	f	2	b	73	61	-		
GERMANY & HOLLAND.	Lorient ...	30.20	72	W	3	b	30.20	+05	62	60	-4	NE	1	b	4	b	77	59	-		
	Rochefort ...	30.14	69	NW	5	b	30.13	-01	66	64	0	NE	3	b	#	b	77	63	-		
	Belfort ...																				
	Lyons ...	30.08	78	N	2	bc	30.13	+06	68	62	-4	NW	5	b	#	bc	85	64	-		
	Nice ...	29.95	73	W	3	c	29.96	-04	73	69	+3	2	0	b	0	c	81	64	-		
	Perpignan ...	30.03	86	NW	3	b	30.08	+02	79	64	+1	NW	2	b	#	b	95	72	-		
	Biarritz ...	30.12	74	NNE	4	b	30.13	-02	68	66	-1	WSW	2	b	2	b	81	66	-		
	Corunna ..	30.08	#	#	#	#	30.10	-01	70	65	+1	NNW	4	b	#	#	81	66	-		
	Lisbon ...																				

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 12th August 1893.

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EXPLANATION OF MAP

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☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

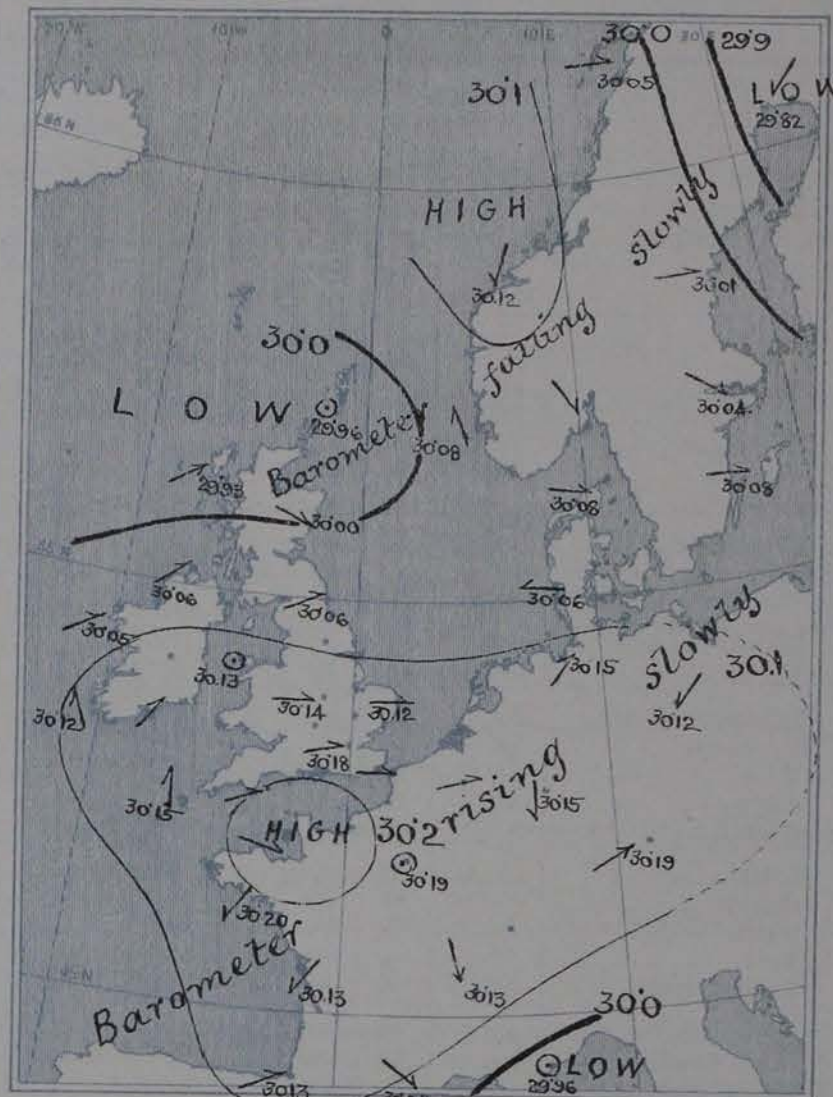
at 800 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
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Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
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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.	Dry.	Wet.	
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York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.5	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.0	57.0	60.0	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.2 ins. to 30.1 ins. in an anticyclone covering Germany, France, England and the S.th half of Ireland, and 30.1 ins. and more over the northwest of Norway.</p> <p>Lowest. Below 30.0 ins. over the Shetlands, Hebrides and north of Scotland, and also over the Riviera and the neighbouring parts of the Mediterranean.</p> <p>Gradients slight; pressure distribution mainly anticyclonic.</p> <p>Barometer rising except at a few of the most northern stations.</p> <p>Highest 79° at Perpignan, 73° at Nice, 69° at Holyhead and York, 68° at Stockholm.</p>
TEMPERATURE	<p>Lowest 46° at Bodo, 55° at Haparanda, 56° at Christiansund and Sunnburgh H.</p> <p>The maxima recorded yesterday were 77° at Loughborough, 79° at Cambridge, 81° in London and at Cape Gris Nez and Nice.</p>
WIND	<p>Very light generally; - Variable over Germany, N.th to E.th over France, SSE.th to SW.th and W.th over the British Islands; N.th to W.th over Scandinavia.</p>
WEATHER	<p>Very fine over the Baltic, Germany, France, Ireland and Scotland, foggy at many of the stations on the west and southwest coasts of St. Britain, and off Ushant; dull and close over England, with slight rain at Hurst Castle, Dungeness and Cambridge.</p> <p>Some rain has fallen pretty generally over our Islands; at Pembroke the fall has been considerable. The amount (1.21 ins.) reported from Cambridge is <u>probably</u> an error.</p>
SEA	<p>moderate on our extreme northern and southwestern coasts, slight to smooth elsewhere.</p>

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather appears likely to clear up over the south of England during today, and to become very warm and close.

FORECASTS

For the 24 hours ending at NOON on 13TH AUGUST 1893.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	<p>{ SW.th and W.th breezes, close, some rain at times.</p> <p>{ W.th breezes, light; fair, warm, close.</p>	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	{ Wind backing to SE, light, fair, close, misty.
3 ENGLAND EAST		9 IRELAND NORTH	{ Varying breezes, mainly S. th , fine, warm, hazy in places.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None Issued.

Note.—The South Cone, point downwards (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	Wet.	WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.												
Skudesnaes ...	30.17	70	64	W.W.	2	b	1	Valencia ...	29.92	70	67	SW	4	bcm	4
Sumburgh Head ...	30.11	55	55	E.N.E.	2	f	4	Scilly ...	30.07	68	66	S	4	c	4
Stornoway ...	29.87	66	62	S	2	o	2	Jersey ...	30.18	74	65	W.S.W.	3	b	3
Aberdeen ...	30.02	59	58	S	3	om	3	Hurst Castle ...	30.16	70	67	SW	2	cm	2
Shields ...	30.00	65	62	SE	3	c	3	Dungeness ...	30.11	69	65	W	5	bc	4
Ardrossan ...	29.92	63	62	SE	2	o	1	North Foreland ...	30.18	71	67	S	1	bc	3
Malin Head ...	29.78	67	64	S	4	o	2	London (Westminster) ...	30.11	69	67	SW	2	c	*
Mullaghmore ...	29.86	69	65	SW	3	b	2	Yarmouth ...	30.08	72	67	NE	3	b	2
Behnullet ...	29.80	62	62	S	5	rgm	4	Rochefort ...	30.12	76	7	NW	3	b	*
Holyhead ...	29.97	62	62	S	5	rgm	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

The Continental Information not yet received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 13th August, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (9 to 12).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirce.	Force (0 to 12).		Max.	Min.
		Ins.	°				Ins.	°	°	°							°	Ins.		
SCANDINAVIA.	Haparanda ...	29.86	50	Z	0	0	29.88	+ .06	49	45	—	6	NE	2	0	0	61	49	—	
	Hernösand ...	29.94	55	Z	0	0	29.99	— .02	51	44	—	9	NW	4	0	0	72	46	—	
	Stockholm ...	29.96	63	SE	2	0	29.93	— .11	64	60	—	4	NNW	2	0	0	79	55	—	
	Wisby ...	29.99	65	SW	2	0	29.94	— .14	67	63	+	3	NNW	2	0	0	73	57	—	
	Bodö ...	30.04	44	NW	4	0	30.03	— .02	46	43	—	0	N	4	0	0	46	43	0.28	
	Christiansund...	30.08	53	NE	5	0	30.15	+ .03	51	49	—	5	NE	1	0	0	61	46	—	
	Skudesnaes ...	30.03	62	Z	0	0	30.06	— .02	60	57	—	1	NNW	4	0	0	66	55	—	
	Christiania Fjord (Fæder)	29.97	66	SW	3	0	29.95	— .11	65	63	+	1	NNE	3	0	0	70	64	—	
	Skagen (The Scaw)	29.99	64	NNW	1	0	29.93	— .15	64	62	—	1	W	3	0	0	79	61	—	
	Fanö ...	30.03	65	NW	1	0	30.02	— .04	63	61	—	4	NNW	4	0	0	77	63	—	
BRITISH ISLANDS.	Sumburgh Head	30.02	59	NW	3	0	30.07	+ .11	56	56	—	0	W	1	0	0	61	54	0.04	
	Stornoway ...	30.04	63	SW	3	0	30.09	+ .16	60	59	—	0	Z	0	0	0	68	55	—	
	Wick ...	30.13	65	NW	1	0	30.14	+ .14	64	52	—	1	Z	0	0	0	74	52	—	
	Nairn ...	30.08	68	WSW	1	0	30.13	+ .15	60	58	—	5	Z	0	0	0	72	56	—	
	Aberdeen ...	30.10	63	E	1	0	30.15	+ .15	64	59	—	3	E	1	0	0	72	53	—	
	Leith ...	30.11	69	WSW	1	0	30.14	+ .11	64	59	—	1	W	1	0	0	74	52	—	
	Shields ...	30.11	73	W	3	0	30.17	+ .11	64	60	—	1	Z	0	0	0	75	55	—	
	Spurn Head ...	30.11	65	ENE	1	0	30.16	+ .08	65	61	—	1	ESE	1	0	0	72	59	—	
	York ...	30.13	73	NNW	1	0	30.18	+ .08	59	57	—	8	W	1	0	0	78	54	—	
	Loughborough	30.14	77	NNW	1	0	30.19	+ .05	64	61	—	4	Z	0	0	0	82	53	—	
GERMANY & HOLLAND.	Ardrossan ...	30.11	64	S	1	0	30.15	+ .08	63	60	+	3	NNW	1	0	0	66	52	—	
	Malin Head ...	30.10	62	ESE	2	0	30.09	+ .05	62	60	—	0	E	1	0	0	66	59	—	
	Mullaghmore ...	30.10	60	Z	0	0	30.07	+ .02	66	64	+	2	S	2	0	0	70	58	—	
	Belmullet ...	30.15	60	SSE	4	0	30.16	+ .07	60	59	—	3	SSE	3	0	0	69	59	—	
	Liverpool (Bliston)	30.16	68	NNW	1	0	30.17	+ .04	65	61	—	2	ESE	1	0	0	71	60	—	
	Holyhead ...	30.16	64	WSW	1	0	30.15	+ .02	63	63	+	3	S	2	0	0	70	57	0.07	
	Parsonstown ...	30.08	76	Z	0	0	30.11	— .02	67	64	+	3	Z	0	0	0	77	63	—	
	Valencia ...	30.08	70	SSE	2	0	30.11	— .01	66	65	—	0	SSE	2	0	0	75	62	0.02	
	Roche's Point	30.12	65	ESE	4	0	30.14	— .03	64	64	—	1	ESE	2	0	0	66	61	0.02	
	Pembroke (St. Ann's Hd.)	30.16	64	S	1	0	30.17	+ .02	61	61	—	3	SE	1	0	0	68	61	0.01	
FRANCE AND BELGIUM.	Scilly ...	30.20	69	SSW	2	0	30.15	— .00	63	63	—	2	SE	2	0	0	70	60	0.01	
	Prawle Point ...	30.20	60	WSW	2	0	30.18	— .02	64	64	+	1	E	1	0	0	68	61	0.01	
	Jersey (St. Aubin's)	30.19	75	NNW	3	0	30.17	— .06	74	65	+	2	NNE	1	0	0	78	60	—	
	Hurst Castle ...	30.18	66	WSW	4	0	30.18	— .02	66	65	—	0	WSW	1	0	0	70	63	—	
	Dungeness ...	30.12	67	WSW	4	0	30.16	— .02	63	63	—	3	Z	0	0	0	72	58	—	
	North Foreland	30.12	67	S	1	0	30.16	+ .01	64	63	—	1	E	1	0	0	72	62	0.01	
	London ...	30.13	76	NNW	2	0	30.18	— .00	69	66	+	3	ESE	1	0	0	80	61	0.03	
	Oxford ...	30.16	71	SW	1	0	30.18	+ .01	64	64	—	2	WSW	1	0	0	78	60	—	
	Cambridge ...	30.13	76	SW	1	0	30.19	+ .04	63	62	—	3	NNW	1	0	0	78	57	0.03	
	Yarmouth ...	30.12	69	SE	2	0	30.18	+ .06	65	63	—	1	NE	2	0	0	72	57	0.04	
PENIN- SULA.	Cuxhaven ...	30.14	65	NNW	1	0	30.09	— .06	66	65	+	2	NW	4	0	0	70	64	0.06	
	Berlin ...	30.04	74	NNE	1	0	30.02	— .10	70	63	+	5	W	3	0	0	81	63	—	
	Wiesbaden ...	30.18	67	SE	3	0	30.13	— .02	69	65	+	2	Z	0	0	0	79	64	—	
	Munich ...	30.18	67	SE	3	0	30.18	— .01	64	61	+	2	SW	4	0	0	75	55	—	
	The Helder ...	30.17	65	W	1	0	30.10	+ .03	62	60	—	4	N	3	0	0	70	63	—	
	Brussels (9 a.m.)	30.18	69	65	+	6	NNE	1	0	0	0	0	0	0	0	77	63	—		
	Cape Gris Nez	30.12	64	SW	3	0	30.12	— .01	62	62	—	2	SSW	1	0	0	68	61	0.08	
	Paris ...	30.15	77	NNE	2	0	30.18	— .01	66	64	+	3	N	1	0	0	81	59	—	
	Brest ...	30.15	73	NNE	2	0	30.18	— .01	66	63	+	3	E	3	0	0	75	61	—	
	Lorient ...	30.12	74	W	3	0	30.12	— .08	66	62	+	4	ENE	4	0	0	81	61	—	
PENIN- SULA.	Rochefort ...	30.06	76	NNW	3	0	30.06	— .07	84	67	+	18	ENE	3	0	0	91	61	—	
	Belfort ...	30.05	75	NE	1	0	30.05	— .01	70	61	—	0	NE	1	0	0	82	54	—	
	Lyons ...	30.05	78	N	4	0	30.12	— .01	68	60	—	0	N	1	0	0	84	62	—	
	Nice ...	29.95	74	ENE	2	0	30.04	+ .08	70	66	—	3	Z	0	0	0	84	64	0.08	
	Perpignan ...	29.97	89	NW	2	0	30.05	— .03	75	69	—	4	Z	0	0	0	94	64	—	
	Biarritz ...	30.02	76	N	3	0	29.99	— .14	71	65	+	3	SSW	2	0	0	82	66	—	
	Corunna ...	30.01	67	NNW	5	0	30.00	— .10	68	63	—	2	NNW	3	0	0	81	64	—	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 13th Aug. 1893.

BAROMETER, WIND AND 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

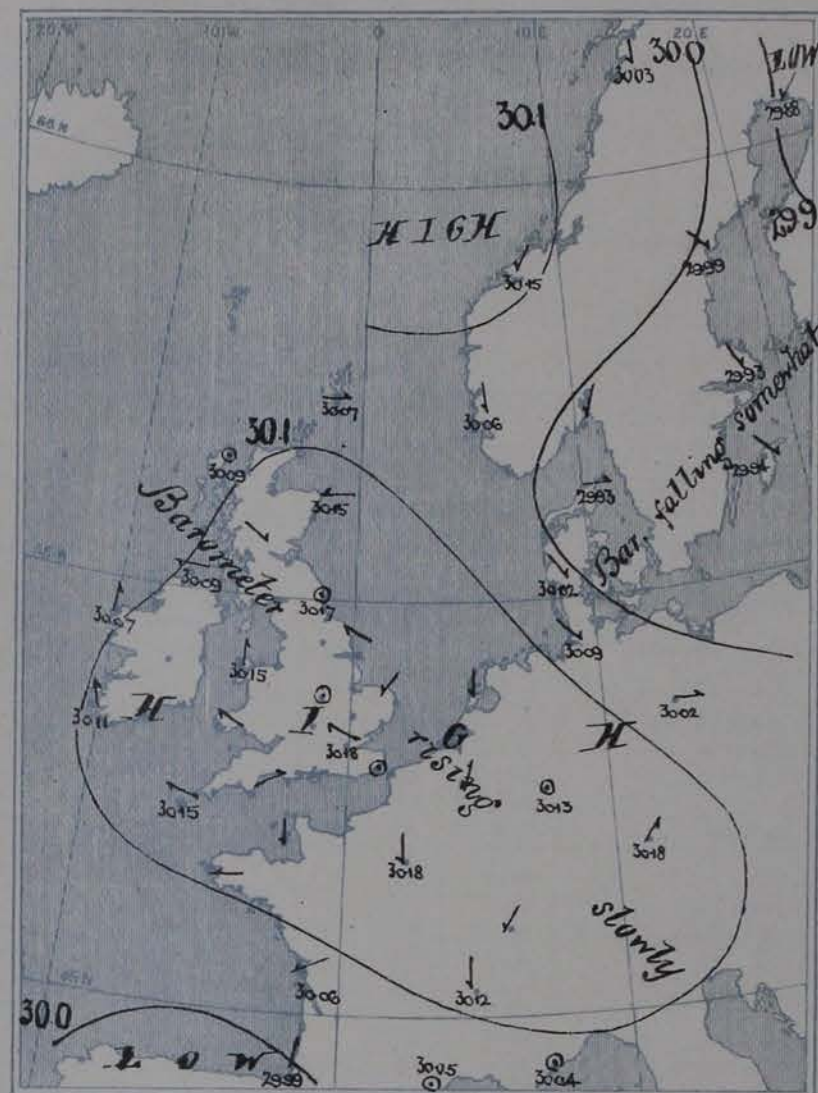
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.902
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.6	2.33
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins: and more in an anticyclone over the British Isles, north and east of France and Western Germany, also off the northwest coast of Norway.
Lowest, 29.8 ins: and less, over the northern, eastern, and southern part of Russia, and below 30.0 ins: over Spain.

Gradients very slight except over Denmark.

Barometer rising at our northernmost and northern stations, unsteady elsewhere.

TEMPERATURE

Highest, 70° to 75° in the south of France, 74° at Jersey, 69° in London, above 60° except in the far north.

Lowest, 46° at Moscow, 49° at Havanna, 51° at Herisand, 56° at Lumburgh.

Maxima yesterday 75° to 82° over England, 81° at Paris, 87° at Lisbon, 91° at Rochefort, 94° at Perpignan.

WIND

Extremely light generally, - anticyclone over the British Isles and their neighbourhood, moderate E² over the Bay of Biscay, SW³ at Oporto and Biarritz.

WEATHER

Fine in almost all places; clear in most localities, but much wet fog over the Channel and the southern and southwestern parts of our Islands, after slight rain over Ireland and the south of England.

SEA

Moderate at Valencia, at the mouth of the English Channel, and off Ushant, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours, ending at NOON on 14TH AUGUST 1893.

DISTRICTS.

FORECASTS.

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

NONE ISSUED.

DISTRICTS.



FORECASTS.

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

NONE ISSUED.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.04	66	62	S	2	c	2	Valencia ...	30.11	75	71	S	2	bcv	3
Sumburgh Head ...	30.00	60	59	NW	1	c	3	Scilly ...	30.18	69	67	S	3	c	4
Stornoway ...	30.02	68	63	SW	3	bc	3	Jersey ...	30.21	77	69	WSW	2	b	2
Aberdeen ...	30.06	71	63	SSE	2	c	1	Hurst Castle ...	30.22	69	66	SW	4	cm	1
Shields ...	30.09	73	64	W	3	c	2	Dungeness ...	30.14	70	67	WSW	4	c	3
Ardrossan ...	30.11	65	62	S	1	c	1	North Foreland ...	30.14	68	66	SSE	2	c	2
Malin Head ...	30.10	66	62	WNW	2	bc	2	London ...	30.15	79	70	NW	2	c	1
Mullaghmore ...								Yarmouth ...	30.12	69	67	NE	2	c	2
Belmullet ...	30.10	69	65	SW	1	b	2	Rocheport ...	30.12	81	74	WNW	3	b	2
Holyhead ...	30.16	65	62	S	2	bcv	3								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southern, central, eastern, and many parts of Northern Europe, as well as in several localities in our Islands, cloudy or overcast in many parts of England, the Hebrides, Shetlands, and on the Norwegian coast, with rain at Sumburgh H^d and over the eastern half of the Channel, fog over the western half and off Uthman. A little rain later over the southern half of our Islands, the Netherlands and some parts of North Germany, local showers over northern and southeastern Europe, faint lightning in London at night, and thick fog in many parts of England.

Temperature in morning exceeding 70° over the Mediterranean and the most southern parts of Europe (highest of all, 80° at Rome), 72° at Jersey, and exceeding 60° in almost all other places. Lowest, however, 46° at Bodo, 51° at Archangel, 56° at Christiansund and Sumburgh H^d. Rising later to between 75° and 82° over England, to 81° at Paris, 85° to 88° over Italy, 91° at Rochefort, and 90° to 100° or more over various parts of Spain and Algeria. Night exceedingly close over England.

Wind light and anticyclonic over Western Europe — N³ to NE³ over France, S³ to W³ over the United Kingdom, W³ to N³ over Scandinavia and the Baltic, very variable over the southeastern and southern countries. Backing to SE. on our southwestern and southern coast later, but no other change of importance.

Barometer highest 30.2 ins: and more to 30.0 ins: in an anticyclone of irregular form, covering the whole of western and northwestern Europe, and having two maxima — one near Cherbourg, the other near Christiansund. Lowest 29.8 ins: and less, over the southern parts of Russia, and below 30.0 ins: over the north of Scotland, the Hebrides, and Shetlands. Rising slightly over our Islands later; no decided change elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Monday, 14th August,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	WIND.		Force (0 to 12).	Weather.	Barometer.		SHADE TEMP.			WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.						
Ins.	°					Ins.	°	°	°								°	Ins.			
SCANDINAVIA.	Haparanda ...	29.93	43	NW	2	b	29.98	+10	44	42	-5	N	4	0	#	b	57	43	-		
	Hernösand ...	30.05	52	NW	2	bc	30.12	+13	52	46	+1	NW	6	0	#	bc	63	45	-		
	Stockholm ...	30.06	54	ENE	2	b	30.10	+17	56	51	-8	N	2	0	#	b	70	54	-		
	Wisby ...	30.01	60	E	4	b	30.10	+16	58	54	-9	E	2	0	#	b	70	57	-		
	Bodö ...	30.19	46	NW	4	0	30.23	+20	48	45	+2	N	4	0	2	0	48	43	0.08		
	Christiansund...	30.21	51	NE	4	b	30.25	+10	51	46	0	ENE	6	0	3	b	55	45	-		
	Skudesnaes ...	30.12	58	NW	4	bc	30.15	+09	60	56	0	NW	4	0	1	bc	62	52	-		
	Christiania Fjord (Færdler)	29.99	67	N	3	0	30.12	+17	59	54	-6	N	3	0	2	0	68	57	-		
	Skagen (The Scaw)	29.97	64	N	1	bc	30.01	+08	66	61	+2	ENE	3	0	2	bc	75	63	-		
	Fanö ...	30.06	61	NW	6	c	30.09	+07	61	57	-2	NW	6	0	#	c	68	61	-		
ISLANDS.	Sumburgh Head	30.12	55	N	2	f	30.15	+08	56	55	0	E	1	0	2	f	59	49	0.01		
	Stornoway ...	30.09	65	S	2	bc	30.09	00	61	61	+1	S	3	0	3	bc	67	55	0.17		
	Wick ...	30.16	60	2	0	b	30.18	+04	56	56	-8	S	1	0	0	b	79	52	-		
	Nairn ...	30.11	62	NE	1	c	30.16	+03	61	60	+1	2	0	0	c	71	53	-			
	Aberdeen ...	30.14	61	SE	2	b	30.19	+04	64	61	0	ESE	1	0	1	b	69	54	-		
	Leith ...	30.11	68	2	0	0	30.18	+04	64	62	0	NW	2	0	#	0	75	58	-		
	Shields ...	30.13	66	E	2	c	30.17	00	65	63	+1	SW	1	0	2	c	68	58	-		
	Spurn Head ...	30.14	63	SE	3	bc	30.17	+01	65	62	0	SW	1	0	2	bc	68	61	-		
	York ...	30.15	73	N	1	c	30.19	+01	66	63	+7	SSW	1	0	#	c	78	58	-		
	Loughborough	30.15	79	NSW	1	bc	30.21	+02	69	66	+5	SE	1	0	#	bc	81	60	-		
BRITISH.	Ardrossan ...	30.13	65	2	0	b	30.17	+02	66	64	+3	2	0	0	0	b	71	59	-		
	Malin Head ...	30.09	65	SW	1	0	30.10	+01	69	66	+7	S	2	0	0	0	71	62	0.14		
	Mullaghmore ...	30.10	67	S	1	c	30.09	+02	65	64	-1	SSW	1	0	#	c, l	68	63	0.22		
	Belmullet ...	30.16	60	SE	3	bc	30.19	+03	58	58	-2	SE	2	0	0	bc	65	57	0.02		
	Donaghadee ...	30.16	60	SE	3	bc	30.19	+03	58	58	-2	SE	2	0	0	bc	65	57	0.02		
	Liverpool (Bidston)	30.16	72	NW	1	b	30.20	+03	65	64	0	2	0	0	0	b	75	62	-		
	Holyhead ...	30.15	66	SSW	4	c	30.17	+02	65	64	+2	2	0	0	0	c	67	60	0.01		
	Parsonstown ...	30.10	74	2	0	f	30.13	+02	67	64	0	SE	1	0	#	c, r	79	63	0.10		
	Valencia ...	30.12	69	S	2	0	30.12	+01	67	65	+1	SSE	0	0	3	p, o	72	59	-		
	Roche's Point	30.15	66	ESE	2	f	30.16	+02	62	62	-2	ESE	3	0	3	f	68	60	0.01		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.15	64	N	1	b	30.17	00	67	65	+6	ESE	2	0	1	b, l	68	61	-		
	Scilly ...	30.15	64	E	3	c	30.12	-03	64	64	+1	E	4	0	4	c	68	60	-		
	Prawle Point ...	30.15	67	ENE	1	b	30.17	?	68	65	+4	ENE	4	0	3	bf	71	62	-		
	Jersey (St. Aubin's)	30.13	76	NW	3	b	30.16	-01	75	69	+1	2	0	0	0	b	82	65	-		
	Hurst Castle ...	30.16	72	NSW	1	b	30.20	+02	69	66	+3	ENE	2	0	1	b	74	64	-		
	Dungeness ...	30.15	67	E	2	f	30.21	+05	67	64	+4	E	3	0	2	f	70	62	-		
	North Foreland	30.16	65	E	1	bc	30.22	+06	67	64	+3	SSE	1	0	2	f, b	67	61	-		
	London ...	30.15	74	SE	2	c	30.23	+05	69	61	0	ESE	1	0	#	m, b, w	81	59	-		
	Oxford ...	30.16	73	ESE	1	c	30.22	+04	68	62	+4	S	1	0	#	c	79	63	-		
	Cambridge ...	30.16	75	ESE	1	b	30.22	+03	66	63	+3	SSE	1	0	#	b	82	58	-		
FRANCE AND BELGIUM.	Yarmouth ...	30.18	67	SSE	2	b	30.21	+03	65	63	0	SSE	4	0	3	b	69	61	-		
	Cuxhaven ...	30.12	59	NW	5	0	30.17	+08	63	60	-3	NNW	5	0	#	0	66	54	-		
	Berlin ...	29.98	68	NNW	3	0	30.07	+05	62	58	-8	N	4	0	#	0	75	59	0.12		
	Wiesbaden ...	*	*	*	*	*	30.21	+08	64	59	-5	N	2	0	#	#	77	63	-		
	Munich ...	30.17	66	SW	2	b	30.22	+04	62	58	-2	2	0	0	#	b	77	57	-		
	The Helder ...	30.24	63	N	1	b	30.28	+08	63	60	+1	NW	1	0	1	b	66	61	-		
	Brussels (9 a.m.)	*	*	*	*	*	30.26	+08	64	59	-5	E	2	0	4	b	77	54	-		
	Cape Gris Nez	30.16	64	ESE	2	bc	30.18	+06	63	61	+1	ESE	1	0	1	bc	70	57	-		
	Paris ...	30.12	78	NE	2	b	30.18	00	66	62	0	NE	2	0	4	b	84	59	-		
	Brest ...	?	80	NE	2	b	?	?	70	66	+4	E	3	0	2	b	90	59	-		
PENINSULA.	Lorient ...	30.07	77	NW	3	b	30.10	-02	68	65	+2	ENE	4	0	2	b	86	64	-		
	Rochefort ...	29.97	89	E	3	b	30.02	-04	71	65	-13	ENE	4	0	#	b	102	63	-		
	Belfort ...	30.04	81	N	1	b	30.11	-01	69	62	+1	N	1	0	#	b	87	64	-		
	Lyons ...	30.02	73	2	0	bc	30.04	00	73	62	+3	2	0	0	1	bc	84	66	-		
	Nice ...	30.03	75	E	1	b	30.06	+01	70	68	-5	N	1	0	#	b	84	63	-		
	Perpignan ...	29.92	79	NE	2	b	29.94	-05	72	68	+1	E	3	0	2	b	82	68	-		
	Biarritz ...	29.92	79	NE	2	b	29.94	-05	72	68	+1	E	3	0	2	b	82	68	-		
	Corunna ...	*	*	*	*	*	30.06	+06	68	64	0	NE	3	0	#	#	81	63	-		
	Lisbon ...	30.00	66	NNW	4	b	30.06	+06	68	64	0	NE	3	0	#	b	81	63	-		

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 14th August, 1893.

BAROMETER, WIND AND 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

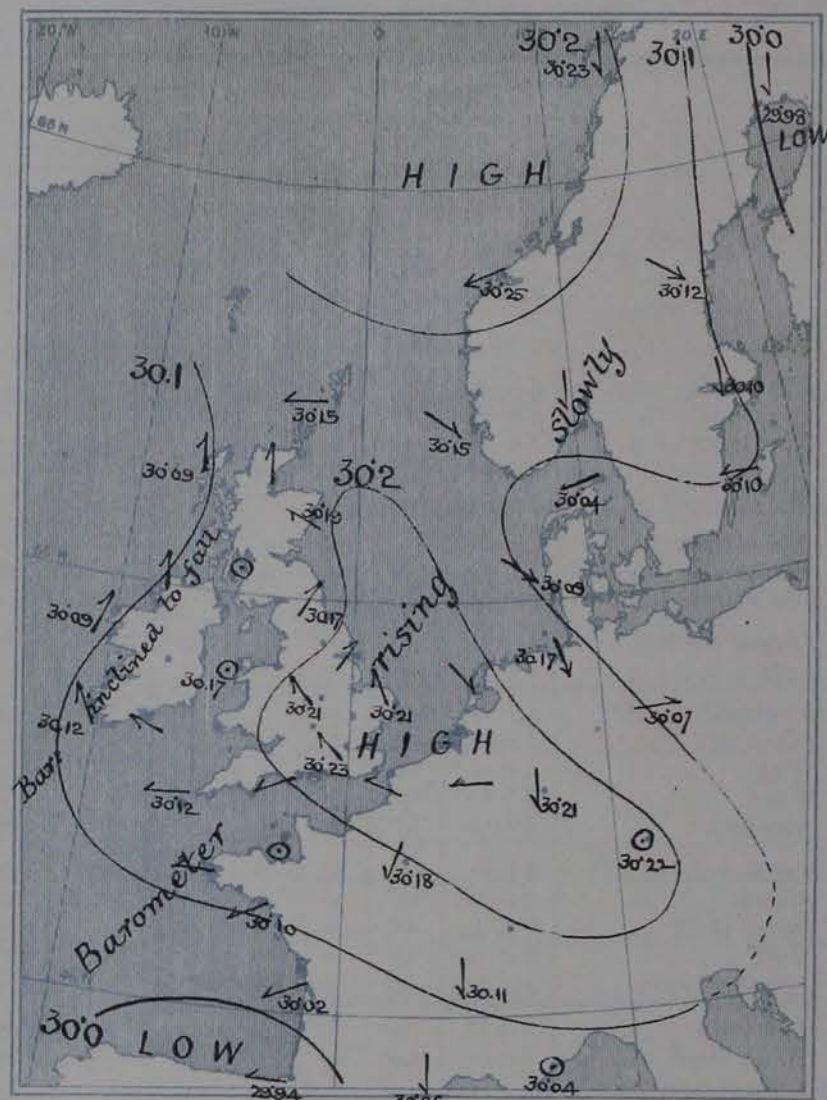
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.790
Wick	29.810
Nairn	29.810
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.870
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.985
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

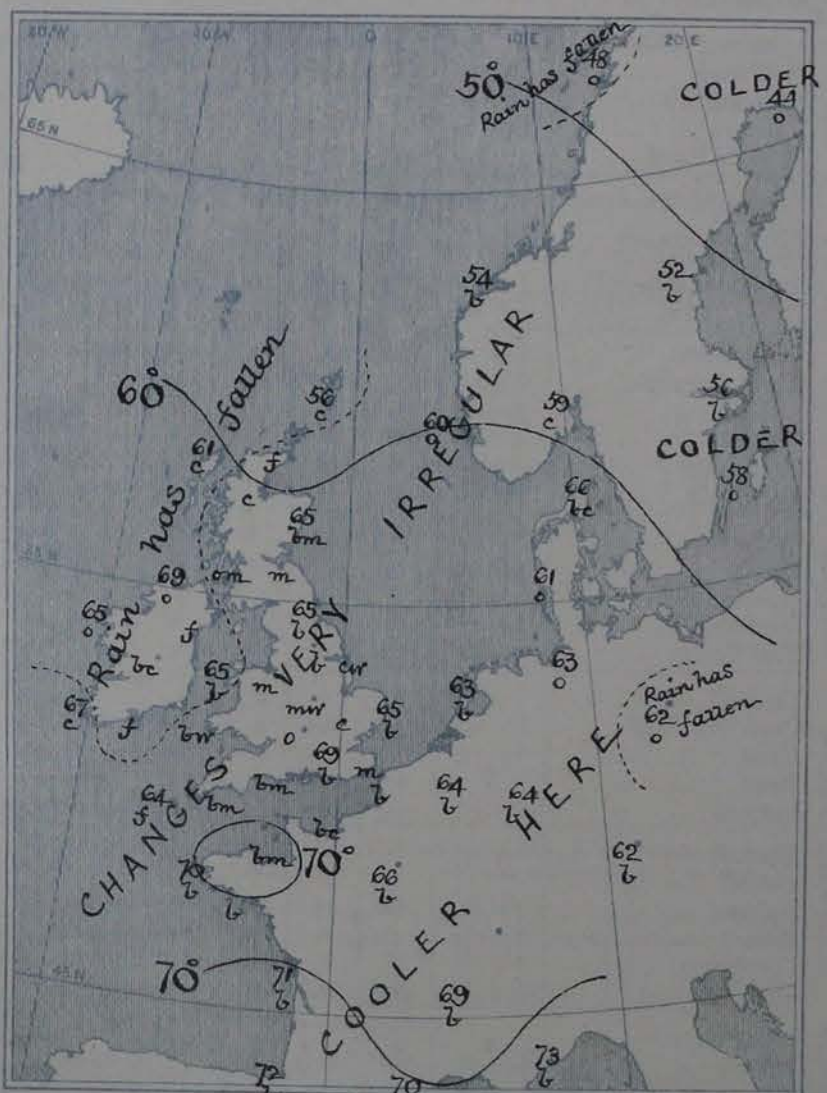
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	Dry. at 8 a.m.	Wet at 8 a.m.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.87
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.5	1.86
York	67.0	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1860-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins: and more to 30.1 ins: in a large but rather complex anticyclone, covering the whole of our Islands and northwestern Europe.

Lowest, 30.0 ins: and less, in a very shallow depression over Spain.

Gradients slight and favourable for SE¹ to S² winds over our Islands.

Barometer rising in the southeast, steady or nearly so elsewhere.

TEMPERATURE

Highest, 75° at Jersey, 70° to 73° over the southern and western parts of France, 69° at Hurst Castle, Loughborough and London, 67° at Valencia (Island).

Lowest, 44° at Haparanda, 48° to 52° at the other stations in the north of Scandinavia, 56° at Lumburg, H¹.

The maxima registered yesterday were 81° at Loughborough and in London, 82° at Cambridge and Jersey, 84° at Paris and Nice, 102° at Rochefort.

WIND

Light to moderate from the E¹ over the Bay of Biscay and English Channel, light from SE and S. in Ireland and the west of Scotland, SW¹ in the northeast of England, NW¹ to N¹ and moderate to the eastwards of the North Sea.

WEATHER

Cloudy in the extreme northwest and north of our Islands, the west of Norway and over Germany, fine generally elsewhere, but very hazy or foggy over the Channel and our southern coasts. In France the sky is very clear.

A little rain has fallen on our extreme west and northwest coasts, and also at Berlin; elsewhere fine weather has continued.

SEA

Moderate at Scilly, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any decided change.

FORECASTS

For the 24 hours, ending at NOON on 15th AUGUST, 1893.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--------------------------------------------------------------------------|
| 0 | SCOTLAND NORTH | SE ² breezes, light; some rain, but fair as a whole. |
| 1 | SCOTLAND EAST | Varying airs; fine generally, hazy in places. |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | Same as N°5. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | SE ² and E ² airs; fine, very warm, hazy at night. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|----------------------------------------------------------------------------------------|
| 6 | SCOTLAND WEST | SE ² breezes, light; fine, warm. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | E ² breezes, light to moderate; fine, warm. |
| 9 | IRELAND NORTH | SE ² and S ² airs and light breezes; fair, warm, hazy in places. |
| 10 | IRELAND SOUTH | |

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.
		Dry	Wet							Dry	Wet				
Skudesnaes ...	30.02	62	60	Z	0	r	2	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	30.10	67	62	S	3	b	3	Jersey ...	30.16	81	67	E	1	b	1
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.16	68	65	S	1	f	1
Ardrossan ...								North Foreland ...	30.17	65	64	E	1	f	2
Malin Head ...	30.09	67	64	E	1	0	0	London ...							*
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.08	67	65	SW	1	0	2	Rocheport ...	30.02	83	77	E	4	b	*
Holyhead ...	30.16	66	65	SSW	3	opm	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southern and central Europe, as well as in many parts of Great Britain and Scandinavia; very variable elsewhere, cloudy or overcast in Ireland, very foggy on our southwestern and southern coasts, dull over Russia, rainy at Hermanstadt. A little rain later in Ireland and the western and northern parts of Scotland and Norway, as well as at Berlin, fog clearing somewhat on our coasts, but air close, hazy and sultry in most parts of England during the day.

Temperature showing no decided change of a general character, but altering fitfully in many places. Morning readings exceeding 70° over southern Europe and as high as 84° at Rocheport. Exceeding 60° in almost all other places but lowest, 46° at Haparanda, 48° at Ullaborg, 51° at Christiansund and Hernösand, and 56° at Sumburgh Head. Rising later to 80° and more in several parts of England, to 84° at Paris, 90° at Brest, and (locally) to 102° at Rocheport.

Wind very light generally; E⁷ over the Bay of Biscay, SE⁷ to S⁷ on our western coasts, calm in Scotland and mainly NW⁷ over northern and eastern Europe, extremely variable over the southern countries. No decided change during day.

Barometer 30.1 ins. and more to 30.0 ins. in a large anticyclone covering the whole of the British Islands and northwestern Europe. Lowest 29.8 ins. and less on the northern and the southern parts of Russia, and below 30.0 ins. over Spain. Anticyclone undergoing no important change later but depression over Spain growing rather deeper.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 6TH TO 12TH AUG. 1893.

During the early half of this week anticyclonic conditions prevailed over the Continent generally, spreading thence in a westerly direction to England, while depressions, of no great depth, moved in a northerly or northeasterly direction outside our western coasts. S⁷ (SE to SW) winds were consequently reported on the coasts of the United Kingdom. Over England temperature was very high and the weather fine and bright, but in Ireland and the western and northern parts of Scotland rain fell daily, and some of the falls were locally very heavy.

On the night of the 9th and early on 10th, however thunderstorms were experienced in almost all parts of the Kingdom — that in the north of Ireland having been unusually heavy — and during the remainder of the week the conditions were most sultry over England and thunder showers were of frequent occurrence. At the close of the week a gradual improvement was in progress.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY, 15TH AUGUST, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom. Reading at 32° F. and Sea Level.	Temp. Dry Bulb.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Change since Yester- day Morn.		SHADE TEMP.		WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.					
				Direc.	Force (0 to 12).			Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Amount of Rainfall.			
		Inch.	°				Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Häparesund ...	30.01	44	N	2	bc	30.01	+0.3	46	43	+2	NNE	4	0	*	bc	61	57	—		
	Hernösand ...	30.12	46	N	0	b	30.11	-0.1	52	46	0	N	2	0	*	b	61	45	—		
	Stockholm ...	30.15	53	N	2	b	30.15	+0.5	56	49	0	N	2	0	*	b	64	46	—		
	Wistby ...	30.13	53	N	2	b	30.18	+0.5	58	51	0	NNE	4	0	*	b	64	52	—		
	Bodö ...	30.23	46	NW	1	0	30.19	-0.4	46	43	-2	N	2	0	1	0	48	43	—		
	Christiansund ...	30.24	55	NNE	7	b	30.15	-1.0	51	47	0	ENE	4	0	2	b	53	45	—		
	Skudesnaes ...	30.18	56	NW	2	b	30.17	+0.2	57	53	-3	N	0	0	1	b	63	52	—		
	Christiania Fjord (Færder)	30.14	61	NNW	1	c	30.13	+0.1	60	58	+1	NNW	2	0	1	c	61	59	—		
	Skagen (The Seaw)	30.13	62	SE	2	0	30.12	+1.1	64	61	-2	NNE	1	0	0	0	70	59	0.02		
	Fanø ...	30.17	59	NW	4	b	30.19	+1.0	60	57	-1	NW	4	0	*	b	72	59	—		
SUNBURY HEAD	Sumburgh Head	30.15	57	SE	2	0	30.02	-1.3	57	55	+1	N	0	0	3	bc, 0	59	54	0.11		
	Stornoway ...	30.09	63	S	2	c	30.08	-0.1	61	61	0	N	0	0	2	0, c	68	57	0.01		
	Wick ...	30.18	60	S	1	bc	30.11	-0.7	66	64	+10	N	2	0	0	bc	68	53	0.05		
	Nairn ...	30.13	63	NE	1	0	30.09	-0.4	57	54	-4	N	1	0	0	0	71	54	0.07		
	Aberdeen ...	30.17	64	S	2	c	30.11	-0.6	71	65	+7	SW	1	0	1	bc, c	71	57	0.01		
	Leith ...	30.15	63	N	1	c	30.13	-0.2	70	65	+6	N	1	0	0	c	74	56	—		
	Shields ...	30.18	66	E	2	b	30.16	-0.1	67	63	+2	SW	2	0	2	b	72	59	—		
	Spurn Head ...	30.16	64	NNE	2	bc	30.18	+0.1	66	63	+1	ENE	1	0	1	bc	72	53	—		
	York ...	30.17	75	E	1	b	30.19	0.0	67	64	+1	ENE	1	0	*	b	82	61	—		
	Loughborough ...	30.17	80	SE	1	bc	30.21	0.0	67	66	-2	N	0	0	0	bc	85	61	—		
ISLANDS.	Ardrossan ...	30.15	67	SE	1	bc, m	30.14	-0.3	70	66	+4	N	0	0	0	bc, m	70	58	—		
	Malin Head ...	30.12	67	N	2	b	30.09	-0.1	71	65	+2	S	2	0	0	bc	77	61	—		
	Mullaghmore ...	30.10	65	SW	1	b	30.07	-0.2	68	64	+3	SW	1	0	*	b	72	61	—		
	Belmullet ...	30.18	61	SE	2	m	30.16	-0.3	62	60	+4	SE	2	0	1	m	62	56	—		
	Donaghadee ...	30.18	61	SE	2	m	30.16	-0.3	62	60	+4	SE	2	0	1	m	62	56	—		
	Liverpool (Bidston)	30.18	74	N	0	b	30.18	-0.2	75	67	+10	NE	1	0	1	b	78	65	—		
	Holyhead ...	30.17	67	N	0	b	30.16	-0.1	68	65	+3	SW	0	0	2	b	69	63	—		
	Parsonstown ...	30.12	80	SE	1	b	30.11	-0.2	70	66	+3	SE	1	0	*	b	82	63	—		
	Valencia ...	30.11	70	SE	2	bc, m	30.11	-0.1	68	66	+1	S	2	0	0	bc, m	80	61	—		
	Roche's Point ...	30.17	67	SE	2	b	30.15	-0.1	67	64	+3	ENE	2	0	0	bc, m	72	61	—		
Pembroke (St. Ann's Hd.)	Pembroke (St. Ann's Hd.)	30.17	74	ENE	1	b	30.17	0.0	66	63	-1	ENE	2	0	2	b	75	62	—		
	Scilly ...	30.14	68	ENE	4	c	30.12	0.0	68	66	+4	E	4	0	4	c	69	61	—		
	Prawle Point ...	30.19	66	ENE	2	b	30.19	+0.2	70	66	+2	ENE	2	0	1	b	72	63	—		
	Jersey (St. Aubin's)	30.15	80	NE	2	b	30.19	+0.3	75	67	0	N	0	0	0	bc, m	86	66	—		
	Hurst Castle ...	30.20	74	ENE	1	b	30.22	+0.2	72	68	+3	E	2	0	0	b	76	62	—		
	Dungeness ...	30.18	67	E	2	b	30.21	0.0	67	65	0	E	1	0	0	b	72	57	—		
	North Foreland ...	30.20	66	E	2	b	30.20	-0.2	69	66	+2	S	1	0	1	b	69	61	—		
	London ...	30.19	78	ENE	1	bc, m	30.22	-0.1	71	64	+2	SW	1	0	*	bc, m	85	58	—		
	Oxford ...	30.19	72	ENE	1	b	30.22	0.0	69	63	+1	N	0	0	0	b	85	59	—		
	Cambridge ...	30.18	78	SE	1	b	30.22	0.0	69	64	+3	SE	2	0	*	b	84	61	—		
Yarmouth	Yarmouth ...	30.20	68	SE	2	b	30.20	-0.1	69	65	+4	SW	2	0	2	b	69	62	—		
	Cuxhaven ...	30.22	62	NNW	3	bc	30.24	+0.7	62	60	-1	NNW	2	0	*	bc	65	60	—		
	Berlin ...	30.13	64	NNW	4	b	30.20	+1.3	62	59	0	N	2	0	*	b	70	59	—		
	Wiesbaden ...	30.26	63	*	*	*	30.26	+0.5	62	60	-2	N	2	0	*	*	70	57	—		
	Munich ...	30.26	63	2	0	b	30.32	+1.0	60	56	-2	E	2	0	*	b	70	58	—		
	The Helder ...	30.28	65	N	1	bc	30.28	0.0	65	62	+2	SW	2	0	1	bc	68	61	—		
	Brussels (9 a.m.)	*	*	*	*	*	30.26	0.0	68	61	+4	SE	1	0	*	b	75	57	—		
	Cape Gris Nez ...	30.18	67	ENE	2	b	30.17	-0.1	69	64	+6	SE	1	0	0	b	72	63	—		
	Paris ...	30.17	77	NE	2	b	30.18	0.0	64	60	-2	NE	1	0	*	b	84	58	—		
	Brest ...	30.17	79	N	1	b	30.17	0.0	71	63	+1	E	3	0	2	b	77	56	—		
Lorient	Lorient ...	30.10	85	NNW	2	b	30.14	+0.4	68	63	0	E	4	0	2	b	90	66	—		
	Rochefort ...	30.00	90	NNE	2	b	30.09	+0.7	71	67	0	ENE	2	0	*	b	106	68	—		
	Belfort ...	30.00	77	NE	4	b	30.09	+0.7	69	58	-1	NNE	2	0	*	b	86	57	—		
	Lyons ...	30.06	82	NNE	1	b	30.15	+0.4	68	59	-1	N	1	0	*	b	88	62	—		
	Nice ...	30.03	71	SE	3	bc	30.09	+0.5	71	68	-2	E	1	0	2	bc	82	64	—		
	Perpignan ...	30.04	76	NE	2	b	30.10	+0.4	69	68	-1	N	2	0	*	b	81	66	—		
	Biarritz ...	30.08	75	N	3	b	30.08	+1.4	73	69	+1	N	3	0	2	b	90	72	—		
	Corunna ...	30.05	75	N	4	b	30.28	+1.2	74	66	+6	NNE	2	0	*	b	90	64	—		
	Lisbon ...	30.05	75	N	4	b	30.28	+1.2	74	66	+6	NNE	2	0	*	b	90	64	—		

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 15th August, 1893.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

BAROMETER—Isobars are drawn for each tenth of an inch.

Changes since previous morning are stated in words.

WIND—Arrows shew 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

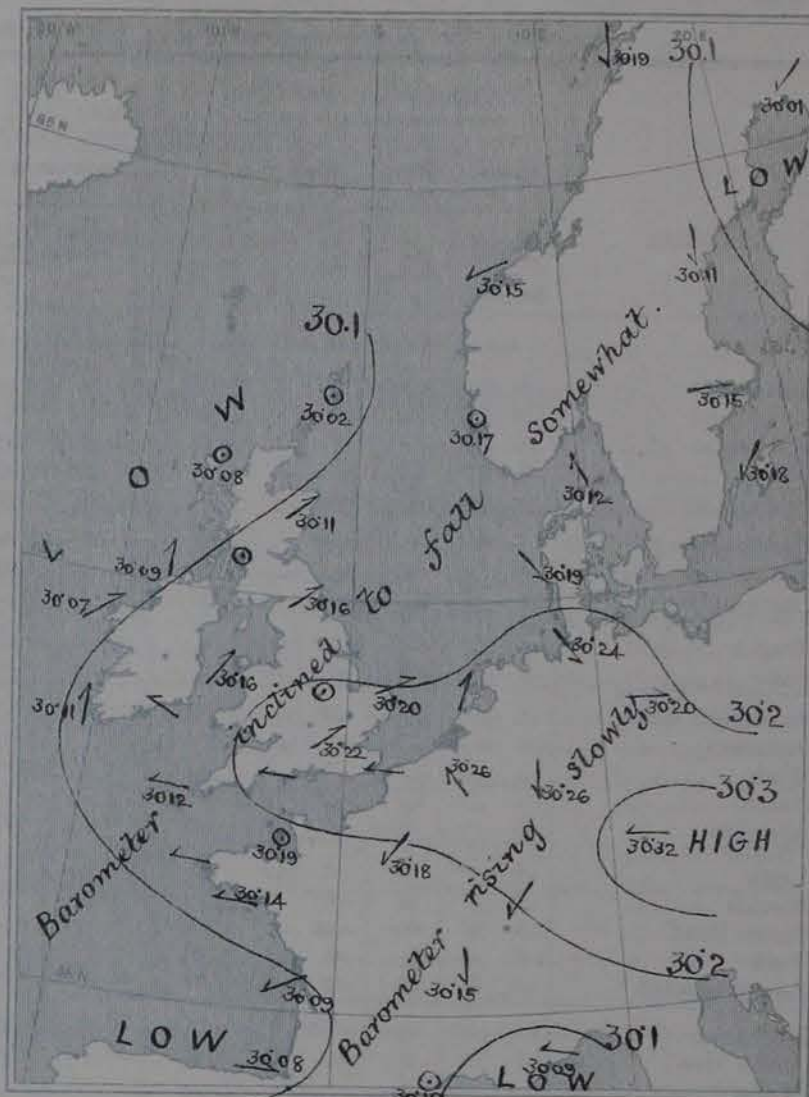
at 8.0 a.m. for the month of August.

During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.840
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.925
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.985
Dover	29.990
LONDON	29.994
Oxford	29.998
Cambridge	29.997
Yarmouth	29.998



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.

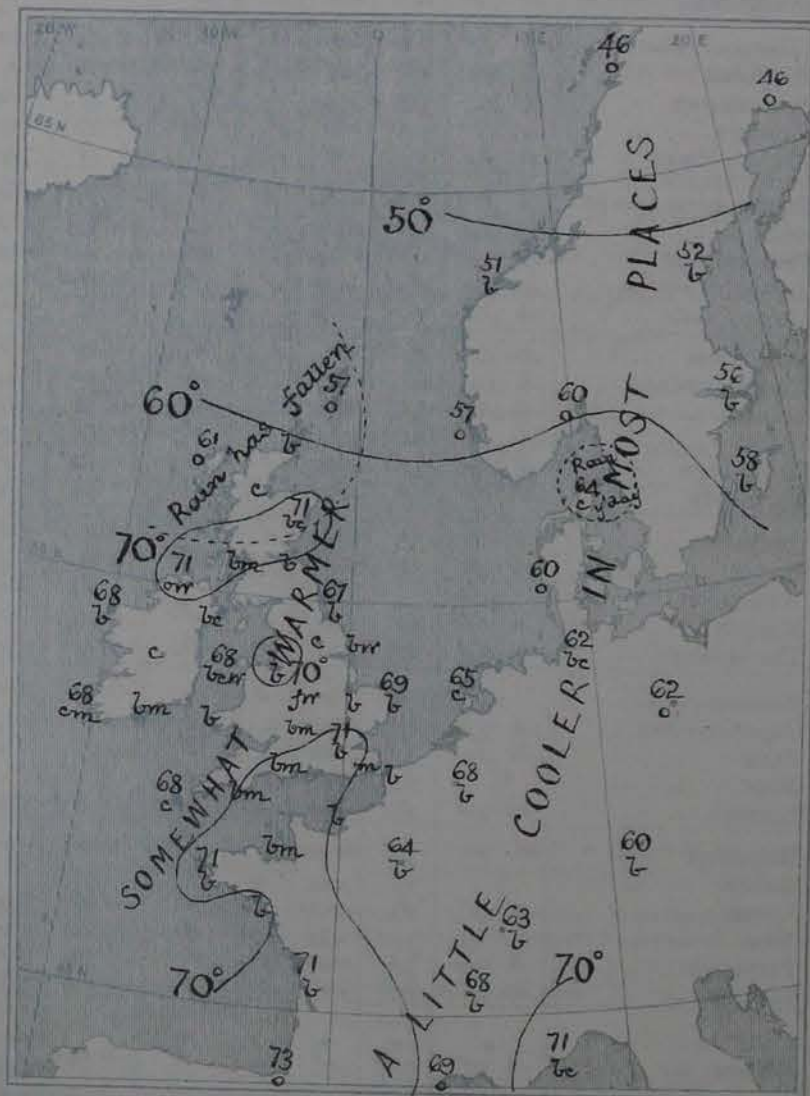
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	8.0 a.m.	Wind	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.07
Wick	61.1	48.3	55.2	53.2	2.87
Nairn	62.4	50.3	55.5	52.7	2.73
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.50
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.0	1.80
York	67.0	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	4.70
Valencia	64.7	54.1	59.3	56.9	3.38
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.0	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	60.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.0	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.10
Yarmouth	66.3	54.8	60.5	57.0	2.15

NOTE—The Temperature means are for the 20 years 1871–90, the Rainfall means are mainly those for the 25 years 1865–90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1.) 30.3 ins: and more to 30.2 ins: over Central Europe, the Netherlands, and the southeastern counties of England;
(2.) 30.2 ins: and more over the southwest of the Spanish Peninsula.
Lowest about 30.0 ins: (1) over Ireland, (2) in a "bottle" over the Bay of Biscay.
Gradients slight, and favourable for SW³ winds in the north and E³ in the south of our Islands, but for W³ to NW³ over Spain.
Barometer rising both over Spain and Central Europe, but inclined to fall over our Islands.

TEMPERATURE

Highest, 70° to 74° at the stations over southern Europe, 75° at Jersey and Liverpool, 77° in London and at Aberdeen.
Lowest, 46° at Bodø and Haparanda, 51° at Christiansund, 60° at Janö and also at Munich, 62° at Berlin, 64° at Paris.
The maximum recorded yesterday were 106° at Rochefort, 97° at Brest, 90° at Lisbon, Biarritz and Lorient, 85° at Loughborough, Oxford, and in London, 84° at Paris. Over Germany they ranged from 70° to 73°.

WIND

Moderate E³ in the west of France, very light E³ in the English Channel; light SE³ to S³ on our western coasts, SW³ in the northeast, NW³ on the eastern shores of the North Sea, NE³ over the east of France.

WEATHER

Fine almost everywhere — clear and bright over Spain, France, and Germany, hazy in many parts of our Islands, dull over the Hebrides, Shetlands and coasts of Norway.
About 0.3 in: of rain fell at the Low yesterday, and a small quantity at the most northern of our own stations.

SEA

Moderate at Pelly, slight or smooth at all our other stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is not quite so settled today as it was yesterday.

FORECASTS

For the 24 hours, ending at NOON on 16th AUGst 1893

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

SW² winds, light to moderate; some rain.

1 SCOTLAND
EAST

SW² and Varying airs; fine, very warm.

2 ENGLAND
N.E.

3 ENGLAND
EAST

Varying airs; fine, very warm, hazy at times.

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

E² breezes, light; fine, very warm.

6 SCOTLAND
WEST

Same as No. 0.

7 ENGLAND
N.W.

SE² breezes, light; fine, very warm.

8 ENGLAND
S.W.

E² breezes, moderate; fine, warm.



9 IRELAND
NORTH

SE² breezes, light or moderate; fine, warm, less fair in south later.

10 IRELAND
SOUTH

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.18	62	56	NW	4	b	2	Valencia ...	30.12	79	69	SE	2	bn	2
Sumburgh Head ...	30.17	59	56	SE	2	7	3	Scilly ...	30.13	68	66	E	4	c	4
Stornoway ...	30.11	60	67	S	2	0	3	Jersey ...	30.16	85	74	E	2	bn	2
Aberdeen ...	30.19	66	62	SE	2	b	1	Hurst Castle ...	30.20	75	70	ENE	2	b	1
Shields ...	30.18	69	64	ENE	2	b	2	Dungeness ...	30.21	71	66	E	2	b	2
Ardrossan ...	30.16	68	65	SE	1	bn	0	North Foreland ...	30.21	67	64	E	2	b	2
Malin Head ...	30.11	75	69	ENE	1	bn	0	London ...	30.20	82	70	E	2	bn	2
Mullaghmore ...								Yarmouth ...	30.20	68	64	SE	4	b	3
Belmullet ...	30.12	71	65	S	1	b	*	Rochefort ...	30.02	100	78	ENE	1	b	*
Holyhead ...	30.15	67	65	S	0	b	0								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the whole of southern and western Europe and nearly the whole of the British Islands, dull at our extreme western stations and in the extreme north of Scandinavia; dull and overcast over Russia and eastern Germany, rainy at Breslau. Slight rain in the north of Scotland later and O'Brien at the Lows, very fine elsewhere.

Temperature in morning 81° at Barcelona and exceeding 70° over the Mediterranean and southern Europe as a whole; exceeding 60° over our Islands and the greater part of Europe, lower in the north. Lowest of all 42° at Archangel, 44° at Kharavanda, 48° at Koda, 51° at Christiansund. Rising later to 70° and more in the east of Scotland, 72° at Belmullet, 80° to 85° over England, 90° at Lorient, Biscay, and Lisbon, 106° at Rochefort.

Wind N³, moderate to fresh, over northern Europe and the Baltic Provinces, W³ and NW³ over Hungary and the south of Russia, and NW³, strong, in Holstein. Light and anticyclonic over the British Islands and their neighbourhood—mainly E³ over the Bay of Biscay, SE³ to S³ on our west and north-west coasts.

Barometer highest 30.2 ins. and more to 30.1 ins. in a complete anticyclone covering northwestern Europe and the United Kingdom. Lowest, 29.7 ins. and less, over Central Russia, and below 30 ins. over the southwest of France and the north of Spain. Rising over the eastern part of the North Sea later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 16th August, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
				Force (10 to 12).	Dir.		Reading at 2 P.M. and Sea Level.	Change since Yesterday Morning.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).			Max.	Min.				
		Inch.	°				Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.	Haparanda ...	29.95	48	Z	0	0	29.88	-13	49	46	+ 3	E	2	c	#	0	57	44	-		
	Hernösand ...	30.01	46	NW	2	6	29.84	-22	48	45	- 4	Z	0	bc	#	0	61	43	-		
	Stockholm ...	30.03	59	WSW	2	0	29.79	-36	51	56	+ 1	Z	0	0	#	0	68	46	0.47		
	Wishy ...	30.09	59	SW	2	bc	29.85	-33	51	54	- 1	S	8	r	#	bc	64	46	0.16		
	Bodö ...	30.06	45	Z	0	0	29.92	-27	47	44	+ 1	NE	2	0	1	c	47	43	-		
	Christiansund...	30.02	53	N	2	bc	29.95	-20	51	49	0	Z	0	0	0	bc	59	48	-		
	Skudesnaes ...	30.04	60	SSW	2	f	29.97	-20	60	59	+ 3	WNW	2	0	2	o.f	61	57	-		
	Christiania Fjord (Fjord)	29.99	64	SW	3	0	29.86	-27	63	59	+ 3	N	2	bc	2	0	66	60	0.04		
	Skagen (The Skaw)	29.97	62	N	1	0	29.87	-25	64	62	0	NW	4	b	2	0	70	59	0.04		
	Faro ...	30.12	61	N	1	6	30.01	-18	62	61	+ 2	WNW	4	m	#	6	68	60	-		
BRITISH ISLANDS.	Sunburgh Head	30.00	57	SW	3	f	29.90	-12	58	58	+ 1	Z	0	r	2	m.f	59	53	0.03		
	Stornoway ...	30.01	62	SW	2	r	29.95	-13	64	64	+ 3	SW	3	c	3	r	66	58	0.24		
	Wick ...	30.09	61	NW	1	r	29.99	-12	65	63	- 1	Z	0	0	0	clt	65	56	0.28		
	Nairn ...	30.06	64	Z	0	r	29.97	-12	66	64	+ 9	SW	1	c	1	clt	77	57	0.88		
	Aberdeen ...	30.08	60	E.N.E.	1	cpt	29.98	-13	67	65	- 4	N	1	bc	1	c, clt	78	57	0.79		
	Leith ...	30.04	71	WNW	1	6	30.01	-12	67	62	- 3	WSW	2	0	#	6	85	63	-		
	Shields ...	30.10	72	SW	1	r	30.02	-14	70	65	+ 3	SW	2	m	2	bc, clt	82	62	-		
	Spurn Head ...	30.09	66	SE	2	cm	30.05	-13	68	64	+ 2	SE	1	bc, m	1	cm, l	73	63	-		
	York ...	30.10	76	WSW	1	bc	30.06	-13	67	65	0	N	1	b	#	bc	81	60	-		
	Longborough	30.12	84	SW	1	bc	30.11	-10	71	60	+ 4	N	2	cmw	#	bc	88	61	-		
GERMANY & HOLLAND.	Androssan ...	30.06	70	Z	0	0	30.05	-09	64	63	- 6	SW	1	0	1	bc, clt	76	60	0.03		
	Malin Head ...	30.03	66	N	1	oml	30.07	-02	62	59	- 9	N	3	op	1	o, mt	79	60	0.02		
	Mullaghmore ...	30.06	67	SW	1	6	30.04	-03	65	62	- 3	SSW	1	0	#	6	72	62	-		
	Belmullet ...	30.08	62	S	3	c	30.09	-07	65	62	+ 3	N	4	bc	2	c	7	60	-		
	Liverpool (Bidston)	30.12	73	Z	0	6	30.10	-08	77	64	+ 2	N	3	bc	2	6	82	62	-		
	Holyhead ...	30.10	72	SW	2	6	30.12	-04	66	64	- 2	SSW	1	c	2	bc, 6	78	60	-		
	Parsonstown ...	30.10	75	NE	1	6	30.12	+01	63	60	- 7	Z	0	c	#	6	82	61	-		
	Valencia ...	30.14	67	SW	2	om	30.11	00	65	63	- 2	SE	3	0	3	om	73	57	-		
	Roche's Point	30.11	68	SSW	3	6	30.15	00	61	60	- 6	ESE	1	f	2	6	71	57	-		
	Pembroke (St. Ann's Head)	30.11	69	SSE	2	6	30.14	-03	63	63	- 3	S	2	f	2	6	75	62	-		
FRANCE AND BELGIUM.	Seilly ...	30.12	68	WSW	2	cm	30.17	+05	64	63	- 4	N	1	bw	0	c, m	73	61	-		
	Prawle Point ...	30.17	68	E	1	6	30.16	-03	68	64	- 2	S	1	bm	0	bm	75	60	-		
	Jersey (St. Aubin's)	30.15	83	Z	0	6	30.17	-02	75	63	0	ESE	1	bm	1	bm	87	62	-		
	Hurst Castle ...	30.17	72	SE	3	6	30.16	-06	70	67	- 2	ESE	1	bm	0	6	82	61	-		
	Dungeness ...	30.16	71	E	1	m	30.13	-08	69	66	+ 2	Z	0	6	0	m	77	57	-		
	North Foreland	30.16	70	SSE	2	6	30.12	-08	74	67	+ 5	N	1	6	2	6	74	64	-		
	London ...	30.15	81	S	2	6	30.15	-07	73	62	+ 2	WSW	1	6	#	bc, 6	87	57	-		
	Oxford ...	30.16	74	SSE	1	6	30.13	-09	70	61	+ 1	SW	2	6	#	6	86	60	-		
	Cambridge ...	30.14	80	SSE	1	6	30.12	-10	69	63	0	SSE	2	6	#	6	85	58	-		
	Yarmouth ...	30.15	73	S	1	6	30.10	-10	73	64	+ 4	N	2	6	2	6	75	64	-		
PENINSULA.	Cuxhaven ...	30.24	65	WNW	2	c	30.15	-09	66	64	+ 4	N	3	m	#	c	69	62	-		
	Berlin ...	30.18	64	N	1	6	30.12	-08	64	60	+ 2	WSW	2	c	#	6	70	59	-		
	Wiesbaden ...	30.23	63	NE	4	6	30.23	-03	63	60	+ 1	Z	0	6	#	6	77	54	-		
	Munich ...	30.28	63	NE	4	6	30.30	-02	60	57	0	Z	0	6	#	6	70	48	-		
	The Heider ...	30.22	68	SW	1	6	30.15	-13	68	64	+ 3	SW	2	c	2	6	72	64	-		
	Brussels (9 a.m.)	30.19	72	64	+ 4	WSW	1	6	#	6	80	66	-								
	Cape Gris Nez	30.25	70	E	1	6	30.21	+03	64	60	0	NE	1	m	1	6	73	63	-		
	Paris ...	30.17	80	N.E.	1	6	30.21	+03	64	60	0	NE	1	m	1	6	80	56	-		
	Brest ...	30.14	76	WNW	1	6	30.16	+02	64	61	- 9	NE	1	m	2	6	90	59	-		
	Lorient ...	30.14	82	N	2	6	30.16	+02	73	64	+ 5	E.N.E.	2	6	2	6	90	66	-		
PENINSULA.	Rochefort ...	30.06	78	NW	4	6	30.11	+02	69	63	- 2	E.N.E.	3	6	#	6	91	61	-		
	Belfort ...	30.09	81	N	1	6	30.18	+03	67	63	- 1	ESE	1	6	#	6	88	62	-		
	Lyons ...	30.08	70	SW	1	c	30.14	+05	71	67	0	E	1	bc	2	c	82	66	-		
	Nice ...	30.04	78	NE	2	6	30.14	+04	72	68	+ 3	WSW	2	6	#	6	84	67	-		
	Perpignan ...	30.08	74	NW	3	0	30.09	+01	72	69	- 1	NW	2	0	1	0	82	72	-		
	Biarritz ...	30.08	74	NW	3	0	30.09	+01	72	69	- 1	NW	2	0	1	0	82	72	-		
PENINSULA.	Cornwall ...	30.05	78	N.W.	5	6	30.09	-19	74	68	0	SSW	2	6	#	6	91	68	-		
	Lisbon ...	30.05	78	N.W.	5	6	30.09	-19	74	68	0	SSW	2	6	#	6	91	68	-		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 16th Aug., 1893.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

BAROMETER—Isobars are drawn for each tenth of an inch.

Changes since previous morning are stated in words.

WIND—Arrows shew 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 shewn thus:

⊖ = Rough. ⊕ = High.

MEAN HEIGHT OF THE BAROMETER

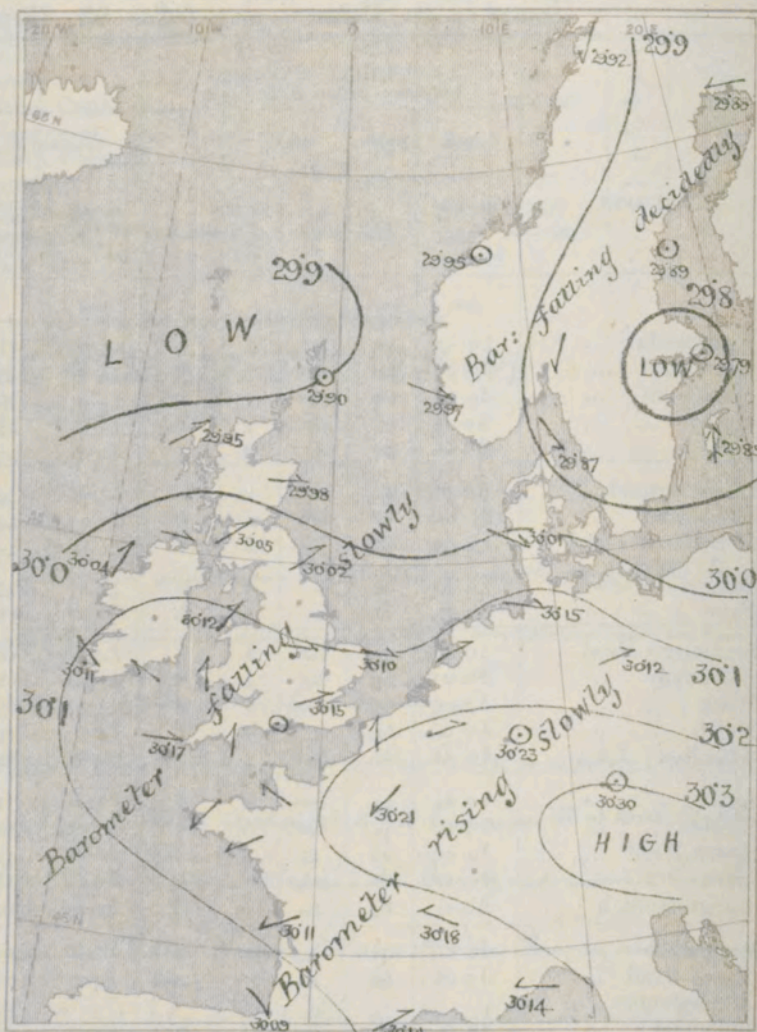
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
Yarmouth	29.928



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: and more over South Germany, and exceeding 30.1 in: over the whole of Central Europe, France, and the southern part of our Islands.
 Lowest, 29.8 in: and less in a depression near Stockholm, and 29.90 in: at Lumburgh Head.
 Gradients slight—mainly favourable for SW winds over the United Kingdom.
 Barometer falling a little and irregularly over our Islands generally and to the eastward of the North Sea also.

TEMPERATURE

Highest, 77° at Liverpool, 75° at Jersey, 73° in London and at Yarmouth, 70° at Shields.
 Lowest, 47° at Bodo, 49° at Haparanda, 51° at Christiansund, 58° at Lumburgh Head.
 It changed very fitfully in Scotland yesterday; over England it was very high, the maxima being 88° at Loughborough, 87° in London, 86° at Cambridge. In the west of France and at Liebow the maxima were 90° to 91°.

WIND

W³ to S³ over the greater part of our area, and very light in force. Variable airs prevail in the Channel and south of England, light NE² airs over France, and E² breezes in the Bay of Biscay.

WEATHER

Cloudy and somewhat unsettled over the northern districts, with rain at Wick, showers at Malin Head; over England, France, and Germany the sky is clear and bright.
 Thunderstorms occurred very generally over the northern parts of our Islands yesterday, and in the northeast of Scotland the rainfall was (heavy 0.9 in: to 0.8 in:).

SEA

Smooth very generally, and in many places dead calm.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 17th AUGUST, 1893.

DISTRICTS.

FORECASTS.

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

SW² breezes; changeable, some showers, thunder at times.

Varying and SW² airs; very fine and warm today, uncertain later.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 to 2.

Same as Nos 3 to 5.

Same as Nos 0 to 2.

SE² and S² airs; fine generally.

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnæs ...	30.11	58	57	S	2	o	2	Valencia ...	30.13	69	67	S S W	2	o m	3
Sumburgh Head ...	30.02	57	57	W	1	m	3	Scilly ...	30.12	73	70	SE	3	c	3
Sternoway ...	30.06	63	62	S	2	r	2	Jersey ...	30.18	81	68	E	2	b	2
Aberdeen ...	30.09	64	62	E	2	c	1	Hurst Castle ...	30.20	80	72	SSW	2	b	0
Shields ...	30.10	75	68	ESE	3	bc	2	Dungeness ...	30.19	77	70	E	1	m	0
Ardrossan ...	30.10	73	67	S	1	bc	0	North Foreland ...	30.19	74	66	S	2	b	2
Malin Head ...	30.03	71	67	S	2	0	0	London (Westminster) ...	30.18	84	69	SE	2	b	2
Mullaghmore ...								Yarmouth ...	30.17	69	65	S	2	b	2
Behmullet ...	30.07	71	66	SW	1	b	*	Rochefort ...	30.07	89	74	WNW	2	b	*
Holyhead ...	30.14	77	66	SW	2	bc	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 17 August,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	SHADE TEMP.				
Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Weather.	Max.	Min.	Amount of Rainfall.				
Inch.	°				Inch.												Inch.			
SCANDINAVIA.	Haparanda ...	29.82	46	NE	0	b.c.	29.87	- 01	48	45	- 1	NNE	2	c	#	b.c.	57	43	-	
	Hernösand ...	29.75	52	NE	4	r	29.89	00	51	47	+ 3	W	6	b	#	r	61	39	0.04	
	Stockholm ...	29.71	55	NE	2	o	29.74	- 05	50	48	- 2	N	6	o	#	o	63	50	1.58	
	Wishby ...	29.74	56	SW	4	b	29.60	- 25	52	50	- 2	NW	10	r	#	b	66	?	0.12	
	Bodö ...	?	49	NE	2	b	30.03	+ 11	50	46	+ 3	N	2	b	1	b	50	43	-	
	Christianund...	29.96	51	WNW	2	c	30.10	+ 15	50	48	- 2	E	1	b	1	c	54	46	0.08	
	Skudesnaes ...	29.89	60	WNW	2	r	29.97	00	58	54	- 4	W	2	b	1	o.r	61	57	-	
	Christiania Fjord (Fæsther)	29.69	69	WNW	4	c	30.01	+ 15	54	46	- 8	NNE	7	b	3	c	69	52	0.12	
	Skagen (The Seaw)	29.74	62	W	5	o	30.00	+ 13	58	50	- 8	ENE	5	b	4	o	70	54	-	
	Fanö ...	29.93	64	WNW	2	c	29.97	- 04	62	60	- 2	W	4	o	#	c	70	61	-	
BRITISH ISLANDS.	Sumburgh Head	29.89	56	N	1	r	29.94	+ 04	54	53	- 1	NE	1	o	4	f.r	59	51	0.09	
	Stornoway ...	29.95	65	SW	2	c	29.81	- 14	60	60	- 0	SW	3	r	3	c	68	56	0.08	
	Wick ...	29.99	63	W	2	b.c.	29.94	- 05	59	58	- 1	SE	4	f	2	b.c.	69	56	0.01	
	Nairn ...	29.96	70	W	1	c	29.89	- 07	62	60	- 2	W	0	o	1	c	75	54	-	
	Aberdeen ...	29.97	64	ESE	1	b.c.	29.97	- 01	59	59	- 0	SSE	2	o.f	2	p.b.c.	75	59	0.11	
	Leith ...	29.99	66	W	3	b	29.96	- 03	65	61	- 4	SSE	1	om	#	b	75	58	-	
	Shields ...	30.01	74	WNW	3	b.c.	30.01	- 01	65	60	- 5	SSW	2	c	2	b.c.	78	58	-	
	Spurn Head ...	30.02	70	WNW	3	b.c.m	30.06	+ 04	68	63	- 5	SE	1	c.w	2	b.c.m	75	60	-	
	York ...	30.05	72	W	2	b	30.06	+ 01	66	63	- 3	W	1	b	#	b	77	58	-	
	Loughborough	30.07	79	WNW	2	b	30.09	- 02	63	61	- 2	SE	1	cmw	#	b.f	84	56	-	
GERMANY & HOLLAND.	Ardrossan ...	30.02	66	W	0	c	29.94	- 08	64	63	- 1	SSE	2	om	1	b.c.	70	60	0.03	
	Malin Head ...	29.99	62	ESE	3	o	29.83	- 16	64	61	+ 3	S	4	op	1	b.o	66	61	0.03	
	Mullaghmore ...																			
	Belmullet ...	29.99	69	SW	1	o	29.88	- 11	66	64	+ 2	SW	4	o	#	o	70	62	0.35	
	Donaghadee ...	30.04	66	S	4	b.c.	29.96	- 08	64	63	- 1	S	4	c	2	b.c.	71	60	-	
	Liverpool (Blanton)	30.10	68	WNW	1	b	30.04	- 06	66	63	- 3	SE	1	c	1	b	71	61	-	
	Holyhead ...	30.08	63	SW	1	c	30.03	- 05	63	62	- 1	SSW	3	mg	2	b.c.	72	60	-	
	Parsonstown ...	30.01	72	SW	1	c	29.94	- 07	65	62	+ 3	SE	1	o	#	c	82	60	-	
	Valencia ...	30.06	69	S	3	c	29.92	- 14	67	65	+ 2	SSE	4	o	#	o.m.p.c	71	64	0.04	
	Roche's Point	30.08	66	S	3	om	29.94	- 14	65	64	+ 1	S	4	o	3	m.o.r	70	60	0.10	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Bld.)	30.13	63	SW	1	b	30.05	- 08	63	62	- 1	SSE	1	c.g	1	o.b	64	61	-	
	Scilly ...	30.14	66	W	1	o	30.05	- 09	64	63	- 1	SSE	1	o	1	b.o	68	60	-	
	Prawle Point ...	30.11	68	W	2	b	30.08	- 03	64	64	- 0	E	1	f	0	b.m.f	76	55	-	
	Jersey (St. Aubin's)	30.13	78	WNW	1	b	30.08	- 05	74	67	- 7	W	0	b.m.w	0	b	84	59	-	
	Hurst Castle ...	30.10	73	SW	3	b.c.m	30.09	- 01	72	69	+ 3	S	2	b.m	0	b.b.c.m	81	60	-	
	Dungeness ...	30.08	71	SW	3	b.c.	30.08	- 01	69	65	- 4	SW	1	b	1	b.b.c	74	59	-	
	North Foreland	30.04	79	SSW	1	b.c.	30.07	- 03	69	66	- 3	SSE	1	b	1	b.c	84	65	-	
	London ...	30.05	83	W	2	b	30.09	- 04	72	65	- 7	WNW	1	b	#	b.c.b	90	58	-	
	Oxford ...	30.08	74	WSW	3	b	30.08	- 01	63	61	- 2	WSW	1	b.m	#	b	86	58	-	
	Cambridge ...	30.05	82	WSW	2	b	30.08	- 03	68	66	- 2	S	1	b.c	#	b	86	59	-	
PENINSULA.	Yarmouth ...	30.03	79	N	1	b	30.08	- 05	70	65	- 5	W	0	b	2	b	85	64	-	
	Cuxhaven ...	30.08	64	WNW	3	c	30.05	- 03	64	63	- 1	W	5	b.c	#	c	71	62	0.20	
	Berlin ...	30.02	72	W	3	b.c.	29.97	- 05	70	63	+ 7	W	5	b	#	b.c	81	64	-	
	Wiesbaden ...						30.12	- 11	66	63	+ 3	W	0	b	#	#	82	55	-	
	Munich ...	30.24	67	NE	2	b	30.24	- 06	66	60	+ 6	SW	4	b	#	b	73	55	-	
	The Helder ...	30.07	69	SW	2	b	30.13	- 02	67	64	- 3	W	1	b	1	b	73	64	-	
	Brussels (9 a.m.)																			
	Cape Gris Nez	30.07	71	SW	1	m	30.06	- 01	66	64	- 2	S	1	m	1	m	75	63	-	
	Paris ...	30.12	80	NNE	2	b	30.13	- 01	64	62	- 2	W	0	b	#	b	88	59	-	
	Brest ...	?	71	N	3	b	?	?	63	60	+ 3	NE	1	b	1	b	77	57	-	
FRANCE AND BELGIUM.	Lorient ...	30.12	60	WNW	1	b	30.05	- 07	68	62	- 6	E	3	b	2	b	91	66	-	
	Rochefort ...	30.05	76	W	3	b	30.02	- 03	69	66	- 3	E	2	b	#	b	93	61	-	
	Belfort ...																			
	Lyons ...	30.09	83	N	1	b	30.15	- 06	70	60	+ 10	SE	1	b	#	b	92	62	-	
	Nice ...	30.12	72	W	0	b.c.	30.15	+ 03	72	64	+ 8	E	2	b	1	b.c	82	66	-	
	Perpignan ...	30.08	78	E	3	b	30.13	- 05	?	?	?	W	1	o	#	b	84	68	-	
	Biarritz ...	30.06	76	N	2	b	30.04	- 02	69	68	- 1	E	2	m	0	b	81	68	-	
	Corunna ...																			
	Lisbon ...	30.06	71	N	4	b	30.04	- 02	78	64	+ 14	NNE	3	b	#	b	88	64	-	

For Explanation of Columns, see bottom of last page

+ Received too late for insertion in Chart on next page

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for 8 a.m. on Thursday, 17th August, 1893.

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— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

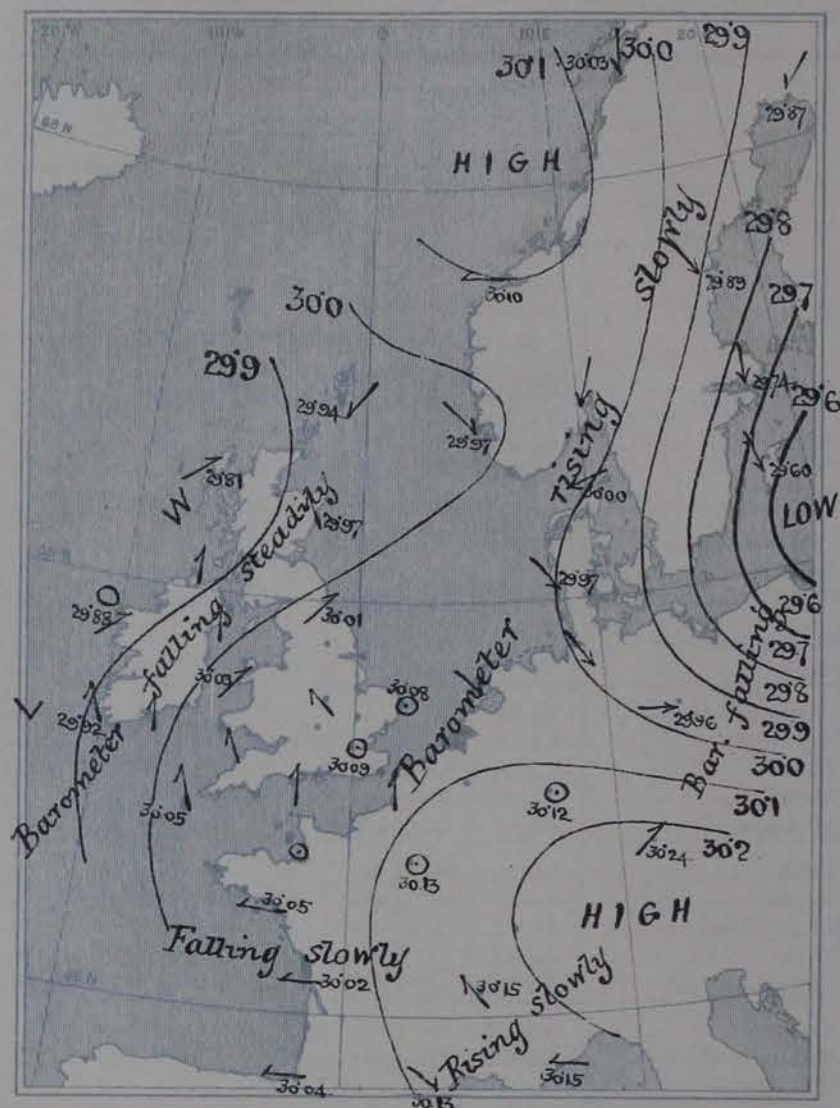
at 8 a.m. for the month of August.

During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.885
York	29.900
Loughborough	29.928
Ardrossan	29.937
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.990
Parsonstown	29.999
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Silly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.918
Cambridge	29.937
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.	Dry.	Wet.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.9	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Silly	64.9	57.0	60.0	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE—The Temperature means are for the 20 years 1871–90, the Rainfall means are mainly those for the 25 years 1865–90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins: and more over Austria, south Germany, and the east of France, and exceeding 30.0 ins: over England and the Irish Channel.
 Lowest, 29.6 ins: and less, in a rather deep depression over the Baltic, and below 29.5 ins: off our extreme northwestern and western coasts.
 Gradients moderate for S² winds in the west, very slight over England and France, steep for N² winds over the southern parts of Sweden.
 Barometer falling rather decidedly on our west and northwest coasts, and the fall is spreading eastwards.

TEMPERATURE

Highest, 78° at Lisbon, 74° at Jersey, 72° at Nice and in London.
 Lowest, 48° at Haparanda, 50° at Stockholm, 54° at Lumburgh H², 60° at Lonsay.
 The maxima recorded yesterday were 91° to 93° in the east of France, 90° in London, 86° at Oxford and Cambridge, 84° at Loughborough.
 During the night, however, there has been a fall over our midland counties.

WIND

- (1.) S², light to fresh and increasing at our western stations, variable from the S² and very light over England.
- (2.) NE² to NW², and moderate over the eastern side of the North Sea, and N², strong to a gale, over the Baltic.

WEATHER

Very fine and bright over Germany, France, the greater part of England and the North Sea; dull and rainy over the south of Sweden, dull and gloomy on our own west and northwest coasts, with rain at Hornum and Malin Head.
 Fog prevails at Wick and Aberdeen.

SEA

Moderate at Valencia (Ireland), Lumburgh H² and the Scar, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The decrease of pressure in the west is apparently spreading eastwards, and will apparently break up the weather over England shortly.

FORECASTS

For the 24 hours, ending at NOON on 18th AUGUST, 1893.

DISTRICTS.

FORECASTS.

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

S² and SE² breezes, rainy, unsettled.
 S² winds; weather after a hot morning becoming unsettled and showery.
 S² airs, very fine and hot; but becoming unsettled later, perhaps rainy.

DISTRICTS.

FORECASTS.

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

Wind S² and freshening; becoming rainy and unsettled.

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnæs ...	29.94	61	59	W	2	o	2	Valencia ...	30.08	68	68	S	4	ompe	4
Sumburgh Head ...	29.87	57	57	W	1	f	2	Scilly ...	30.17	68	65	WNW	1	b	0
Stornoway ...	29.96	68	65	SW	3	c	3	Jersey ...	30.15	81	67	WNW	3	b	3
Aberdeen ...	29.97	65	63	SE	2	c	1	Hurst Castle ...	30.16	75	69	SW	2	bm	0
Shields ...	30.01	77	69	WNW	3	bc	2	Dungeness ...	30.10	73	65	SW	2	b	1
Ardrossan ...	30.05	68	63	S	1	bc	1	North Foreland ...	30.06	79	70	S	1	b	1
Malin Head ...	30.06	65	62	NE	1	b	1	London (Westminster) ...	30.08	89	71	WSW	3	bc	*
Mullaghmore ...								Yarmouth ...	30.06	85	70	WNW	3	b	2
Belmullet ...	30.11	69	66	SS E	1	o	*	Rochefort ...	30.09	87	74	NW	1	b	*
Holyhead ...	30.12	72	65	SW	1	bc	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning very fine and bright over the Mediterranean, Spain, France, Austria, and the greater part of the British Islands, dull on our extreme western and northern coasts, in Norway, over the Baltic, and the greater part of Germany and Russia, with rain at Lumburg, H^t, Wist, and Kharkov. A little rain later at our extreme western and northern stations, and larger quantities over Sweden and at Copenhag. Lightning seen at Nibel, much Anis moving from west over London.

Temperature changing fitfully, but, as a whole, increasing over our Islands. Morning readings 70° to 84° on the shores of the Mediterranean and the coasts of the Iberian Peninsula, 75° at Jersey, 73° in London. Below 60° at the most northern stations and over Russia and Hungary; lowest of all 45° at Archangel, 47° at Tobo, 46° at Hurno and 50° at St Petersburg, 51° at Kharkov. Rising later to 88° at Lisbon ^(and Paris) 84° to 90° over England, 91° to 93° in the west of France.

Wind very light, variable, and anticyclonic over the southern half of the Continent; E³ over the Bay of Biscay, SE³ to S³ on our western coasts, SW³ in the north and northeast, NW³ in Denmark. A S³ gale reported at Wist. No decided change later.

Barometer highest, 30.3 ins. to 30.1 ins. over Central Europe, the Mediterranean, and the southern half of our Islands. Lowest 29.8 ins. and less, in a depression near Stockholm, and below 29.9 ins. over the Faro and Shetland Islands. Falling irregularly over the Baltic and the British Isles later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on FRIDAY, 18TH AUGUST, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Weather.	Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.	
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.				Direc.	Force (0 to 12).		Max.
		Inch.	°				Inch.		°	°	°							°	Inch.	
SCANDINAVIA.	Haparanda ...	29.95	42	X	0	b	30.01	+14	43	43	0	ENE	2	b	*	b	57	39	—	
	Hernösand ...	30.05	45	2	0	b	30.04	+15	50	47	-1	2	0	o	*	b	61	45	—	
	Stockholm ...	30.10	52	NW	2	b	30.15	+41	55	52	+7	2	0	b	*	b	53	45	—	
	Wisby ...	30.10	58	N	4	b	30.23	+63	56	54	+4	NW	2	b	*	b	61	50	—	
	Bodö ...	30.10	49	N	1	b	30.03	0	46	43	-4	E	2	b	1	b	5	37	—	
	Christiansund...	30.05	51	ENE	2	b	29.88	-22	52	50	+2	ENE	2	T	2	b	55	48	0.12	
	Skudesnaes ...	30.07	61	S	4	b	29.96	-01	62	60	+4	SE	6	o	4	b	64	58	—	
	Christiania Fjord (Færd)	30.09	60	NW	2	b	30.07	+06	63	59	+9	NW	5	C	3	b	2	54	—	
	Skagen (The Scaw)	30.12	54	NW	1	b	30.10	+10	62	53	+4	NW	3	C	1	b	62	50	—	
	Fanö ...	30.11	60	2	0	C	30.09	+12	62	60	0	SE	3	C	*	C	72	59	—	
BRITISH ISLANDS.	Sumburgh Head	29.81	55	SE	3	f	29.60	-24	55	58	+5	SE	3	o	5	T, f	60	53	0.06	
	Stornoway ...	29.73	63	NW	6	f	29.50	-23	60	60	0	NW	4	T	4	T, f	63	57	0.50	
	Wick ...	29.84	62	S	2	o	29.61	-23	61	59	+2	S	3	o	2	o	63	58	0.22	
	Nairn ...	29.81	67	N	1	C	29.55	-22	65	61	+7	NW	4	C	2	C	70	53	—	
	Aberdeen ...	29.88	64	NW	2	o	29.67	-20	62	60	+3	S	1	b	1	C, o	68	53	—	
	Leith ...	29.87	67	W	2	C	29.66	-20	64	62	-1	SE	1	cm	*	C	76	58	—	
	Shields ...	29.93	69	ENE	2	C	29.71	-20	70	68	+5	SE	2	m	2	C	78	63	—	
	Spurn Head ...	29.95	67	SE	3	C	29.78	-28	69	65	+1	SE	4	b	4	cm	71	64	—	
	York ...	29.94	75	S	1	b	29.76	-20	69	65	+3	SE	2	b	*	b	81	63	—	
	Loughborough	29.96	83	S	1	b	29.79	-20	73	64	+10	S	3	ho	*	b	89	61	—	
BRITISH ISLANDS.	Ardrossan ...	29.86	65	SE	3	o	29.64	-20	65	63	+1	SE	3	C	3	cm, o	69	59	—	
	Malin Head ...	29.75	69	S	4	og	29.58	-25	60	59	-4	NW	2	odp	2	o, og	69	60	0.03	
	Mullaghmore ...	29.75	66	NW	4	o	29.56	-22	61	60	-5	NW	2	o	*	op, o	67	58	1.38	
	Belmullet ...	29.75	64	S	6	C	29.56	-20	63	61	-1	NW	6	o	4	C	71	61	—	
	Donaghadee ...	29.87	64	S	6	C	29.56	-20	63	61	-1	NW	6	o	4	C	71	61	—	
	Liverpool (Bidston)	29.93	72	NW	1	b	29.72	-21	67	64	+1	NW	1	b	1	b	80	65	—	
	Holyhead ...	29.93	66	NW	3	b	29.72	-21	62	61	-1	NW	4	omg	3	og, b	71	60	—	
	Parsonstown ...	29.82	69	2	0	C	29.69	-27	60	59	-5	2	0	C	*	C, p	74	60	0.42	
	Valencia ...	29.79	66	SE	2	ogm	29.60	-22	62	61	-5	SE	2	og	2	omg	69	59	0.39	
	Roche's Point	29.86	66	S	4	o	29.68	-21	63	63	-2	S	1	op	3	map	68	61	0.25	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.92	61	SE	2	f	29.76	-23	63	62	0	SE	2	og	2	f	65	58	0.01	
	Scilly ...	29.92	68	SE	3	C	29.76	-23	63	68	+5	NW	4	cm	3	b	69	60	—	
	Prawle Point ...	29.95	68	E	1	b	29.79	-23	67	66	+3	NW	1	cm	3	f	75	63	—	
	Jersey (St. Aubin's)	29.94	86	ENE	1	b	29.84	-24	75	65	+1	ENE	3	bm	1	b	80	64	—	
	Hurst Castle ...	29.99	74	ENE	2	bm	29.82	-27	74	68	+2	S	3	b	1	b, bm	80	68	—	
	Dungeness ...	30.00	71	E	2	b	29.86	-22	72	65	+3	S	4	b	3	b, b	74	67	—	
	North Foreland	30.01	70	S	3	b	29.86	-21	74	67	+5	S	2	b	2	b, b	75	67	—	
	London ...	30.01	82	S	2	b	29.82	-23	74	67	+12	S	3	b	*	b, b	82	72	—	
	Oxford ...	29.96	88	SE	1	b	29.80	-28	75	64	+12	S	2	b	*	b	89	62	—	
	Cambridge ...	29.98	85	S	1	b	29.82	-26	74	66	+6	SE	3	b	*	b	91	64	—	
Yarmouth ...	30.02	70	SE	3	b	29.89	-19	70	66	0	SE	4	bu	3	b	72	65	—		
GERMANY & HOLLAND.	Cuxhaven ...	30.17	63	N	3	C	30.17	+12	62	61	-2	S	2	b	*	C	67	60	—	
	Berlin ...	30.12	68	NNE	3	b	30.22	+25	65	59	-5	ENE	1	b	*	b	77	59	—	
	Wiesbaden ...	30.22	70	NW	2	b	30.13	+01	69	64	+3	2	0	b	*	*	86	59	—	
	Munich ...	30.22	70	NW	2	b	30.23	+01	69	61	+1	E	1	b	*	b	82	54	—	
	The Helder ...	30.13	71	ENE	1	b	30.04	-09	71	66	+4	SE	2	b	1	b	73	66	—	
FRANCE AND BELGIUM.	Brussels (9 a.m.)	30.05	77	SE	4	b	30.05	0	77	66	0	SE	4	b	*	b	88	66	—	
	Cape Gris Nez	30.01	72	SE	1	b	29.83	-17	77	66	+11	SE	3	b	2	b	84	63	—	
	Paris ...	30.03	86	E	2	b	29.98	-15	72	62	+8	SE	2	b	*	b	93	63	—	
	Brest ...	30.03	76	NW	1	b	29.98	-15	65	64	+2	NW	2	o	2	b	84	59	—	
	Lorient ...	29.94	82	2	0	b	29.88	-17	68	65	0	NW	4	C	2	b	83	66	—	
FRANCE AND BELGIUM.	Rochefort ...	29.93	79	NW	3	b	29.90	-12	73	69	+4	SE	4	b	*	b	100	66	—	
	Belfort ...	29.93	76	NNE	2	b	29.90	-12	68	62	+8	NNE	1	b	*	b	84	63	—	
	Lyons ...	30.02	83	SE	1	b	30.08	-07	73	65	+3	S	1	b	*	b	95	67	—	
	Nice ...	30.11	73	2	0	b	30.12	-03	73	66	+1	2	0	b	*	b	84	64	—	
	Perpignan ...	30.02	81	NNE	1	b	30.06	-07	73	70	+2	2	0	C	*	b	84	64	—	
Biarritz ...	29.88	95	E	3	b	29.97	-07	72	70	+4	NW	2	C	1	b, l	100	69	—		
PENIN- SULA.	Corunna ...	30.02	67	NW	5	b	30.02	-02	71	66	-7	N	1	b	*	b	88	63	—	
	Lisbon ...	30.02	67	NW	5	b	30.02	-02	71	66	-7	N	1	b	*	b	88	63	—	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 18th Aug: 1893.

BAROMETER, WIND AND 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

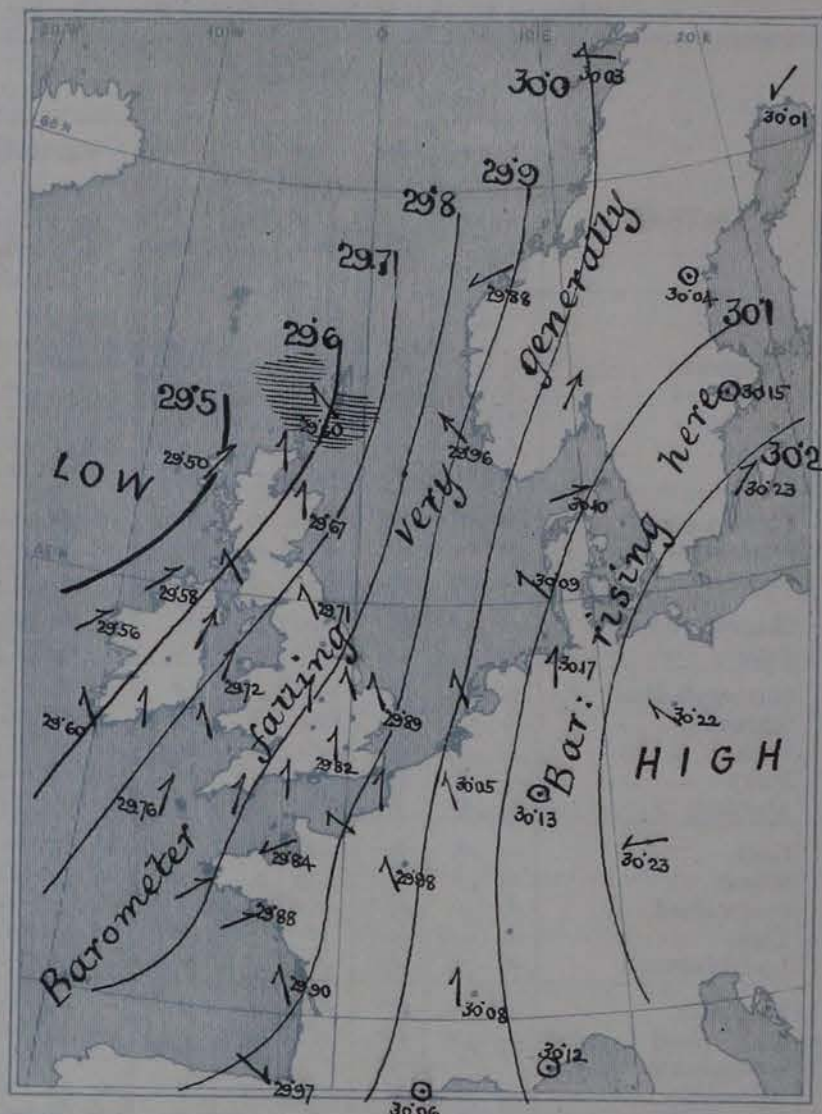
at 8.0 a.m. for the month of August.

During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Silly	29.962
Pravle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
Yarmouth	29.928



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins: and more to 30.0 ins: over Germany, Denmark, the eastern side of the North Sea, the Netherlands and east of France.
Lowest, 29.50 ins: in the Hebrides, 29.60 ins: at Valerius Island.

Gradients moderate for 5th winds.

Barometer still falling, but somewhat unsteadily.

TEMPERATURE

Highest, 84° in London, 77° at Cape Frio, 75° at Oxford, 73° at Loughborough and in the south of France.

Lowest, 46° at St. 80°, 48° at Haparanda, 52° at Christiansund, 57° at Stockholm, and 59° at Lumburgh H^{ld}.

The maxima recorded yesterday rose as high as 100° at Biarritz and Rochefort, 93° at Paris, 92° in London, 91° at Cambridge, 89° at Oxford, and 88° at Brussels.

WIND

S², as a whole over our Islands and France — light to fresh at our own stations, light on the Continent.

Over the North Sea it is S² to SE⁴, and in the northwest of Norway E², as well as at Jersey and Havre.

WEATHER

Very fine and bright over Germany, France, the North Sea, and the eastern half of England, dull in the west and north of our Islands and in Norway, with rain at several stations.

Rain has fallen generally over Ireland and the northwest and north of Scotland; lightning has occurred at Biarritz.

SEA

Rather rough at Lumburgh H^{ld}, moderate at several northern stations, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours, ending at NOON on 19th August, 1893.

DISTRICTS.

FORECASTS.

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

S² winds, moderate; showery.

S² winds, moderate; fair and warm then unsettled.

S² winds, moderate; fine, hot, uncertain later.

DISTRICTS.

FORECASTS.

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

S² winds, fresh; some showers.

SW² breezes; changeable, showery.

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.07	64	57	S	2	b	1	Valencia ...	29.87	69	66	SE	4	o	5
Sumburgh Head ...	29.89	56	56	SE	2	7	5	Scilly ...	29.98	69	65	SE	2	c	1
Stornoway ...	29.74	62	62	SW	6	0	5	Jersey ...	29.02	71	67	SE	2	b	2
Aberdeen ...	29.92	64	61	S	2	c	2	Hurst Castle ...	29.04	70	70	S	1	b	0
Shields ...	29.97	76	68	SW	2	c	2	Dungeness ...	29.06	72	69	SW	2	b	1
Ardrossan ...	29.91	67	65	SE	2	cm	2	North Foreland ...	29.05	72	68	S	1	b	2
Malin Head ...	29.81	60	63	S	4	0	1	London ...	29.03	90	72	SW	2	b	*
Mullaghmore ...								Yarmouth ...	29.05	72	69	SE	2	b	2
Behmullet ...	29.78	67	65	S	2	op	*	Rochefort ...	29.99	95	72	S	1	b	*
Holyhead ...	29.98	68	64	SW	2	og	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and light over southeastern, southern, and western Europe, including the greater part of England; dull over Ireland and Scotland, as well as over the northern half of Russia and the Baltic, with rain in some localities, fog in the northeast of Scotland. Rain later at the Irish and several of the Scotch stations, but weather very fine over England and France.

Temperature changing rather irregularly but increasing over France and the southern half of England. Morning readings highest 81° at Brindisi, 84° at Barcelona, and 70° to 80° over the Mediterranean and southern Europe generally; 74° at Jersey, 72° at Hurst Castle and in London. Lowest 47° to 51° over the most northern parts of Europe, 54° at Sumburgh Head, 58° at the Lizard, 52° to 57° over the south of Russia. Rising later to 100° at Biarritz and Rochefort, to 95° at Lyons, 93° at Paris, 92° in London, 91° at Cambridge, and 89° at Oxford and Loughborough.

Wind extremely light and variable over southern and southeastern Europe; SE¹ to SW¹ over the British Islands moderate to fresh at the western stations, very light in the east; N¹ over Scandinavia (a gale at Murby), NW¹ to W¹ over North Germany, SW¹ over Central Russia, E¹ over the Gulf of Finland.

Barometer highest 30.2 ins. in the south of Russia, and exceeding 30.1 ins. over southeastern and southern Europe, and the Mediterranean, as well as the the northwest of Norway. Lowest 29.6 ins. and less, in a depression over the eastern side of the Baltic; 29.9 ins. and less, over the northwestern parts of Ireland and Scotland and adjacent parts of the Atlantic. Falling irregularly in our Islands later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 19th August, 1893

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.			
				Force (0 to 12).	Dirac.		Reading at 5 P.M. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.				
Ins.		°				Ins.	°	°	°							°	Ins.				
SCANDINAVIA.	Haparanda ...	29.43	48	2	0	b	29.84	-17	55	51	+ 7	SW	2	b	#	b	59	36	-		
	Hernösand ...	29.93	57	S	4	a	29.78	-26	61	58	+ 11	SW	4	c	#	0	61	37	-		
	Stockholm ...	30.07	59	SW	2	b	29.99	-16	68	63	+ 11	SW	4	b	#	0	68	46	-		
	Wishby ...	30.17	60	SSW	2	b	30.13	-10	64	58	+ 8	SW	4	b	#	0	66	48	-		
	Bodo ...																				
	Christiansund...																				
	Skudesnaes ...	29.78	68	SSE	8	c	29.73	-23	64	62	+ 2	S	4	0	#	c	68	61	-		
	Christiania Fjord (Færder)	30.02	63	SSE	2	m	29.89	-18	66	63	+ 3	SSW	3	?	#	m	?	63	-		
	Skagen (The Scaw)	30.01	66	S	4	bc	29.86	-24	67	63	+ 5	S	6	b	#	bc	72	61	-		
	Fanö ...	29.95	69	SE	4	b	29.87	-22	68	63	+ 6	S	4	b	#	0	62	62	-		
BRITISH ISLANDS.	Sumburgh Head	29.50	61	SSW	3	c	29.60	+00	57	55	- 2	S	1	c	#	c	65	52	0.06		
	Stornoway ...	29.52	61	W	4	c	29.53	+03	59	59	- 1	SW	6	0	5	0,c	65	55	0.40		
	Wick ...	29.62	60	S	1	b	29.62	+01	63	59	+ 2	SW	1	0	0	b	72	45	-		
	Nairn ...	29.60	63	W	1	bc	29.62	+05	65	59	- 4	2	0	0	0	bc	76	53	0.18		
	Aberdeen ...	29.60	71	SW	4	bc	29.67	+00	65	60	+ 3	SSW	2	bc	1	bc	73	56	-		
	Leith ...	29.64	68	W	4	b	29.69	+03	62	60	- 2	WSW	1	bm	#	b	71	55	-		
	Shields ...	29.68	74	SW	3	c	29.72	+01	65	60	- 5	SSW	2	a	2	c,tl	83	59	0.67		
	Spurn Head ...	29.71	72	W	3	c	29.80	+02	67	62	- 2	WSW	4	cw	#	c,l	87	62	-		
	York ...	29.71	74	W	1	c	29.78	+02	66	63	- 3	W	3	bc	#	c	86	60	-		
	Loughborough	29.76	77	SW	2	c	29.86	+07	65	60	- 8	SW	3	cw	#	c	91	62	-		
BRITISH ISLANDS.	Ardrossan ...	29.65	63	S	3	b	29.68	+04	62	60	- 3	SSW	2	c	3	c,b	66	59	0.15		
	Malin Head ...	29.63	62	W	2	bc	29.62	+04	61	58	+ 1	S	4	b	2	c,p	67	56	0.09		
	Mullaghmore ...																				
	Belmullet ...	29.65	64	SSW	3	b	29.64	+08	64	61	+ 3	SW	2	c	#	b	65	60	-		
	Donaghadee ...	29.68	65	SSW	4	bc	29.72	+06	63	61	0	SSW	4	b	2	bc	72	60	0.24		
	Liverpool (Bidston)	29.73	75	N	1	bc	29.81	+08	65	58	- 2	SW	2	b	2	bc	79	61	0.13		
	Holyhead ...	29.73	64	SW	2	c	29.79	+07	64	62	+ 2	SW	3	b	2	bc,c,t	70	59	0.07		
	Parsonstown ...	29.70	69	W	1	c	29.76	+09	61	58	+ 1	SW	1	b	#	c	72	54	0.05		
	Valencia ...	29.75	65	S	2	c	29.73	+03	63	61	+ 1	S	4	bc	#	c	69	57	0.13		
	Roche's Point	29.75	68	W	3	bc	29.81	+08	64	61	+ 1	SW	3	b	3	bc	70	60	-		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.74	65	SSW	2	c	29.82	+06	65	63	+ 2	SSW	3	cp	3	c	68	61	0.02		
	Scilly ...	29.82	65	W	4	bc	29.85	+09	69	65	0	SSW	4	bc	3	c,tl	75	61	-		
	Prawle Point ...	29.84	66	SW	4	c	29.91	+12	64	63	- 3	SW	3	bc	2	o,c,p	69	61	0.01		
	Jersey (St. Aubin's)	29.89	72	W	3	c	29.97	+13	68	64	- 7	WSW	3	cp	3	bc,cl	77	64	0.01		
	Hurst Castle ...	29.86	68	WSW	5	c	29.93	+11	69	65	- 5	SW	3	bc	1	bc,c	78	64	-		
	Dungeness ...	29.82	68	WSW	3	bc	29.91	+05	67	64	- 5	WSW	3	bc	2	b,br,l	79	64	-		
	North Foreland	29.79	83	SW	3	b	29.90	+04	70	64	- 16	W	3	bc	2	b,tl	89	63	-		
	London ...	29.80	74	SW	3	c	29.93	+11	67	62	- 17	SSW	2	c	#	b,br,clp	93	63	-		
	Oxford ...	29.82	71	SW	2	bc	29.89	+09	64	61	- 11	WSW	1	c	#	bc,l	89	61	-		
	Cambridge ...	29.76	79	S	4	c	29.88	+06	66	62	- 8	SSW	4	c	#	c	92	62	-		
GERMANY & HOLLAND.	Yarmouth ...	29.77	73	S	3	b	29.85	+04	69	64	- 1	W	4	b	2	b,tl	76	60	0.01		
	Cuxhaven ...	30.06	70	SSE	2	b	29.97	-20	68	64	+ 6	SSE	3	b	#	b	79	62	-		
	Berlin ...	30.13	71	ESE	5	b	30.09	-13	66	60	+ 1	SE	3	b	#	b	79	59	-		
	Wiesbaden ...	*	*	*	*	*	30.03	-10	69	63	0	2	0	b	#	#	88	63	-		
	Munich ...																				
	The Helder ...	29.89	77	SE	1	b	29.92	-12	70	66	- 1	SW	4	b	3	b	86	64	-		
	Brussels (9 a.m.)	*	*	*	*	*	29.99	-06	68	62	- 9	W	1	c	#	b	94	61	-		
	Cape Gris Nez																				
	Paris ...	29.86	92	SSE	2	b	30.04	+06	65	61	- 7	ESE	1	0	#	b	96	62	-		
	Brest ...	?	68	SW	3	c	?	?	64	64	- 1	SW	2	c	3	c	75	63	-		
FRANCE AND BELGIUM.	Lorient ...	29.94	71	SSW	4	0	29.97	+09	66	64	- 2	WSW	2	l	3	0	84	64	-		
	Rochefort ...	29.97	73	NW	3	b	29.98	+08	68	68	- 5	2	0	tl	#	0,b	90	66	0.24		
	Belfort ...	?	85	NNE	1	b	?	?	68	63	0	W	1	bc	#	b	91	59	-		
	Lyons ...	29.97	86	S	3	b	30.04	-04	73	61	0	S	1	b	#	b,l	95	66	-		
	Nice ...	30.09	75	2	0	bc	30.11	-01	74	61	+ 1	2	0	b	#	bc	84	68	-		
	Perpignan ...	30.00	79	E	1	c	30.04	-02	71	68	- 2	2	0	b	#	c	90	63	-		
	Biarritz ...	29.98	74	N	3	c	29.99	+02	69	68	- 4	E	2	r	2	c	79	68	-		
	Corunna ...																				
	Lisbon ...	30.01	70	NW	5	0	30.06	+04	70	65	- 1	N	4	c	#	0	84	68	-		

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 19th August, 1893.

BAROMETER, WIND AND 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.

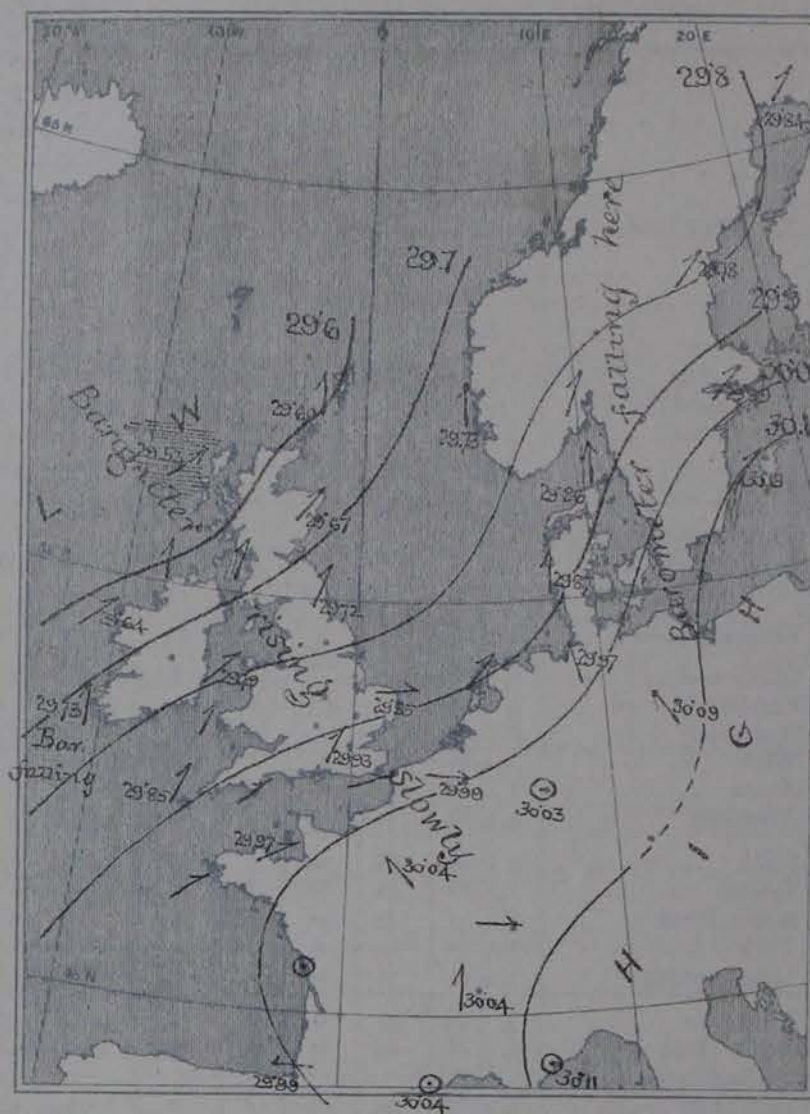
MEAN HEIGHT OF THE BAROMETER

at 8 a.m. for the month of August,
During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormway	29.790
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.840
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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	57.7	48.4	53.4	51.7	3.16
Stormway	59.8	48.8	54.9	53.2	3.07
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871–90, the Rainfall means are mainly those for the 25 years 1866–90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and more over the Baltic, Germany, and France.
 Lowest, 29.6 in: and less over the north-west of Scotland, the Hebrides, Shetlands and neighbouring parts of the Atlantic.
 Gradients slight to moderate.

TEMPERATURE

Barometer rising except in Ireland, where a fresh fall has set in during the night.
 Highest, 82° at Languisvie, 71° to 74° in the south of France, 67° in London, 65° at Paris.
 Lowest, 55° at Haparanda, 57° at Lumburgh H^t, 59° at Hovsøy, 61° at Malin H^t.
 The maxima recorded yesterday were as high as 96° at Paris, 95° in London, 92° at Cambridge, 91° at Loughborough, 89° at Oxford and the North Foreland, 87° at Spurn H^t, 86° at York, 83° at Shields. [The maximum in London occurred before 12 noon]. There was subsequently a decided decrease over England.

WIND

SW^{ly} to S^{ly} over our Islands and their neighbourhood generally, moderate in force; SE^{ly} over North Germany, nearly calm over France.
 It blew a moderate gale from SW. in the Minch for some hours last night, and freshened over England considerably.

WEATHER

Fine over Germany, the eastern shores of the North Sea and many parts of our Islands, dull in the extreme northwest, showery at Valencia and Pembroke. Rain is falling in the southwest of France, and thunder is in progress at Lisieux and Rochefort.
 Rain fell yesterday at our western and northern stations, a thunderstorm occurred at Shields, and lightning was seen over the greater part of England at night. Aurora was seen at Wick and Ardsheal last night.

SEA

Moderate in the extreme north and west, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A fine day is probable over England, with partial recovery of temperature, showers are probable over Ireland and the west of Scotland.

FORECASTS

For the 24 hours ending at NOON on 20th August, 1893.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ^{ly} and S ^{ly} breezes, fresh to moderate; showery.
1	SCOTLAND EAST	SW ^{ly} breezes, moderate; fine, warm, perhaps some showers later.
2	ENGLAND N.E.	
3	ENGLAND EAST	SW ^{ly} and S ^{ly} winds, moderate; fine, becoming very warm later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	



DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ^{ly} breezes, moderate; fine, warm, perhaps a few showers later.
9	IRELAND NORTH	S ^{ly} and SW ^{ly} breezes, fresh; some rain, bright intervals.
10	IRELAND SOUTH	

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.89	66	63	SSE	7	c	5	Valencia ...	29.74	68	64	SW	4	bc	4
Sumburgh Head ...	29.54	63	60	S	2	c	4	Scilly ...	29.75	70	67	SW	4	bc	1
Stornoway ...	29.51	63	62	W	3	c	4	Jersey ...	29.90	75	67	WNW	4	bc	3
Aberdeen ...	29.60	72	65	S	3	bc	3	Hurst Castle ...	29.85	70	67	SW	4	bc	1
Shields ...	29.64	82	69	SSW	3	c	2	Dungeness ...	29.82	78	68	SW	3	b	1
Ardrossan ...	29.62	64	63	S	3	c	2	North Foreland ...	29.79	85	75	S	4	b	2
Malin Head ...	29.61	67	62	SW	2	b	1	London (Westminster) ...	29.79	88	70	SW	3	b	3
Mullaghmore ...	29.61	67	62	SW	2	b	1	Yarmouth ...	29.81	74	68	SSE	3	b	3
Belmullet ...	29.64	65	61	SW	3	b	3	Rochefort ...	29.96	84	71	WNW	3	o	3
Holyhead ...	29.73	69	66	SSW	4	bc	3								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning very fine and bright over the Baltic, central, southern, and western Europe, including the eastern half of England, cloudy in the west and north, with rain in several places, dull over Russia, with rain at Riga. Rain falling later in the west and north of the United Kingdom, heavy thunderstorm at Shields, and thunder and lightning occurring in many parts of England. Aurora at Nick and Rock Point.

Temperature risen considerably over England, the Netherlands, and northeast of France — exceptionally high for the time of day in London. Morning readings (1) 85° at Palma, 81° at La Calle and Brindisi, and exceeding 70° over southern Europe generally; (2) 70° to 77° over the eastern half of England, the Netherlands, and northeast of France, and as high as 81° in London; above 60° over Ireland and Scotland. Lowest 45° to 49° over Lapland and the north of Russia, 52° at Moscow and Chertanovsk, 53° at Riga; 56° to 58° over eastern Germany, Poland, and the north of Hungary. Rising later to 96° at Paris, 94° at Brussels, 93° in London, and to between 85° and 92° over the greater part of England and France. Decreasing rather decidedly over England later.

Wind (1) very light and anticyclonic over the Baltic, central, southeastern, and southern Europe; (2) S³ but somewhat variable over the British Isles and the neighbourhood — moderate in most places, but fresh in the northwest and at Skudesnaes; (3) N¹, and light over Finland, the Baltic Provinces and Western Russia, W³ at Charkov and Moscow. Varying a good deal between S. and W. in our Islands later — freshening over ^(the south of) England, falling light at the more northern stations.

Barometer highest 30.2 ins. and more over Germany and Austria, and exceeding 30.0 ins. in a broad band extending from Lapland over Finland, Sweden, the Baltic to central, southern, and southeastern Europe. Lowest (1) 29.4 ins. and less, in a depression over Central Russia, (2) 29.5 ins. and less, in another off our extreme northwest coast; slight secondary disturbance near Lally. Rising at our western stations later, falling over France and Germany, steadily in the south of England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 20th AUG: 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.	
				Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (0 to 12).				Max.	Min.		
Ins.		°				Ins.	°	°	°								°	ins.		
SCANDINAVIA.	Haparanda ...	29.66	54	Z	0	o	29.59	- .25	55	54	0	2	f	#	o	57	37	-		
	Hernösand ...	?	67	S	4	bc	29.65	- .13	63	59	+	2	nm	2	c	75	52	-		
	Stockholm ...	29.89	63	SW	4	b	29.78	- .21	65	62	-	3	SW	2	c	77	55	0.04		
	Wisby ...	29.99	64	SSW	7	b	29.88	- .25	65	62	+	1	SW	2	c	73	57	0.04		
	Bodö ...	29.67	50	SW	6	r	29.69	+ .06	51	50	-	3	SW	2	r	65	46	0.32		
	Christiansund...	29.73	57	W	1	f	29.69	+ .03	59	56	-	1	ESE	2	c	59	55	0.04		
	Skudesnaes ...	29.77	62	SSE	2	b	29.73	.00	64	60	0	6	SSE	6	e	64	59	0.04		
	Christiania Fjord (Fjorder)	29.79	65	S	3	m	29.78	- .11	65	63	-	1	WSW	5	m	66	63	0.04		
	Skagen (The Seaw)	29.90	62	W	1	c	29.87	+ .01	64	62	-	3	W	3	b	72	57	-		
	Fanö ...	29.91	65	WSW	6	c	29.91	+ .04	66	64	-	2	WSW	4	c	77	64	-		
BRITISH ISLANDS.	Sumburgh Head	29.59	60	SW	1	b	29.51	- .09	58	57	+	1	S	3	c	64	52	-		
	Stornoway ...	29.53	63	SW	5	c	29.30	- .23	58	58	-	1	SW	6	r	65	54	0.52		
	Wick ...	29.61	63	S	2	b	29.44	- .18	62	60	-	1	S	3	b	73	56	-		
	Nairn ...	29.58	66	SW	1	c	29.43	- .19	62	55	-	3	W	3	b	72	52	0.05		
	Aberdeen ...	29.65	64	S	3	b	29.50	- .17	57	56	-	8	S	4	orgg	72	57	0.08		
	Leith ...	29.67	67	WSW	3	b	29.51	- .18	57	56	-	5	WSW	1	o	70	55	0.44		
	Shields ...	29.73	68	S	4	c	29.58	- .14	62	60	-	3	S	5	p	74	59	0.02		
	Spurn Head ...	29.80	72	SSW	3	bcv	29.73	- .07	65	61	-	2	S	5	cv	76	59	-		
	York ...	29.79	67	W	1	bc	29.68	- .10	63	61	-	3	S	3	c	75	58	0.01		
	Loughborough	29.84	71	SSW	2	bc	29.75	- .11	65	61	0	5	S	5	cgpr	80	58	0.01		
GERMANY & HOLLAND.	Ardrossan ...	29.61	65	SSW	4	c	29.50	- .18	61	59	-	1	SSW	3	bc	67	59	0.01		
	Malin Head ...	29.48	63	S	5	o	29.44	- .18	60	57	-	1	S	5	bc	68	56	0.05		
	Mullaghmore ...																			
	Belmullet ...	29.67	61	SW	3	c	29.48	- .16	62	57	-	2	SW	4	b	67	57	0.46		
	Donaghadee ...	29.63	64	SSW	6	c	29.53	- .19	63	60	0	SW	4	bc	3	c	70	60	0.11	
	Liverpool (Bidston)	29.77	67	SSW	2	bc	29.61	- .20	64	61	-	1	SSW	3	bc	73	60	0.07		
	Holyhead ...	29.74	63	SSW	4	c	29.59	- .20	60	60	-	4	W	1	cg	68	58	0.75		
	Parsonstown ...	29.60	64	SSW	1	o	29.60	- .16	63	55	+	2	SW	1	o	72	53	0.43		
	Valencia ...	29.60	64	SSW	5	c	29.62	- .11	64	61	+	1	SSW	3	c	68	56	0.60		
	Roche's Point	29.68	65	SW	5	p	29.67	- .14	64	61	0	WSW	1	b	3	p	68	56	0.40	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.79	65	SW	5	bc	29.69	- .13	62	60	-	3	W	4	c	66	61	0.34		
	Scilly ...	29.86	68	SSW	5	c	29.77	- .08	66	63	-	3	WSW	4	c	72	61	0.13		
	Prawle Point ...	29.91	65	WSW	4	bc	29.79	- .12	63	63	-	1	SW	6	b	68	62	-		
	Jersey (St. Aubin's)	29.96	72	SE	2	c	29.93	- .04	70	65	+	2	SSW	5	cg	74	59	-		
	Hurst Castle ...	29.94	69	SW	4	bc	29.87	- .06	68	65	-	1	SSW	5	bc	74	64	-		
	Dungeness ...	29.98	66	WSW	4	bc	29.91	.00	67	65	0	SSW	4	bc	3	of bc	70	63	0.16	
	North Foreland	29.91	68	SW	2	bc	29.89	- .01	68	65	-	2	S	4	bcpr	73	61	0.03		
	London ...	29.90	71	S	3	b	29.88	- .05	68	63	+	1	SSW	4	bc	78	58	-		
	Oxford ...	29.89	65	S	3	b	29.80	- .09	65	61	+	1	SSW	3	o	75	59	-		
	Cambridge ...	29.87	72	S	4	b	29.83	- .05	67	62	+	1	SSE	6	b	77	57	-		
PENINSULA.	Yarmouth ...	29.87	73	SSW	2	b	29.87	+ .02	69	62	0	SSW	3	b	2	b	78	60	-	
	Cuxhaven ...	30.00	62	WNW	3	c	30.00	+ .03	65	63	-	3	S	1	c	85	63	0.12		
	Berlin ...	29.97	79	SSE	4	b	30.01	- .08	71	64	+	5	NNW	1	b	88	66	-		
	Wiesbaden ...	*	*	*	*	*	30.07	+ .04	72	68	+	3	NN	2	b	88	63	-		
	Munich ...	30.12	71	E	1	c	30.17		74	65			W	5	b	84	57	-		
	The Helder ...	29.99	66	S	1	o	29.99	+ .07	68	64	-	2	SSW	4	bc	73	63	-		
	Brussels (9 a.m.)	*	*	*	*	*	29.99	.00	68	65	0	SW	1	c	#	r	75	60	0.04	
	Cape Gris Nez	29.94	65	SW	3	r	29.92		65	64			SW	2	c	70	61	0.28		
	Paris ...	30.03	67	Z	0	b	30.02	- .02	64	63	-	1	SSE	2	c	71	60	0.24		
	Brest ...	?	68	SW	2	bc	?	?	66	64	+	2	SW	4	c	68	55	-		
FRANCE AND BELGIUM.	Lorient ...	30.00	70	SW	4	bc	29.96	- .01	68	64	+	2	SSW	5	c	77	64	-		
	Rochefort ...	29.98	73	WNW	3	bc	29.98	.00	68	68	0	NN	2	bc	#	bc, El	81	66	-	
	Belfort ...	84	84	S	2	c	?	?	67	62	-	1	NNW	1	b	#	95	59	-	
	Lyons ...	29.99	86	S	4	b	30.08	+ .04	69	60	-	4	WSW	1	b	#	93	61	-	
	Nice ...	30.07	78	Z	0	b	30.07	- .04	77	63	+	3	Z	0	b	#	90	70	-	
	Perpignan ...	29.98	82	S	2	c	30.07	+ .03	77	66	+	1	Z	0	b	#	96	61	-	
	Biarritz ...																			
	Corunna ...																			
	Lisbon ...	30.13	67	N	4	b	30.14	+ .08	68	64	-	2	N	4	bc	#	77	64	-	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 20th Aug. 1893.

BAROMETER, WIND AND 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

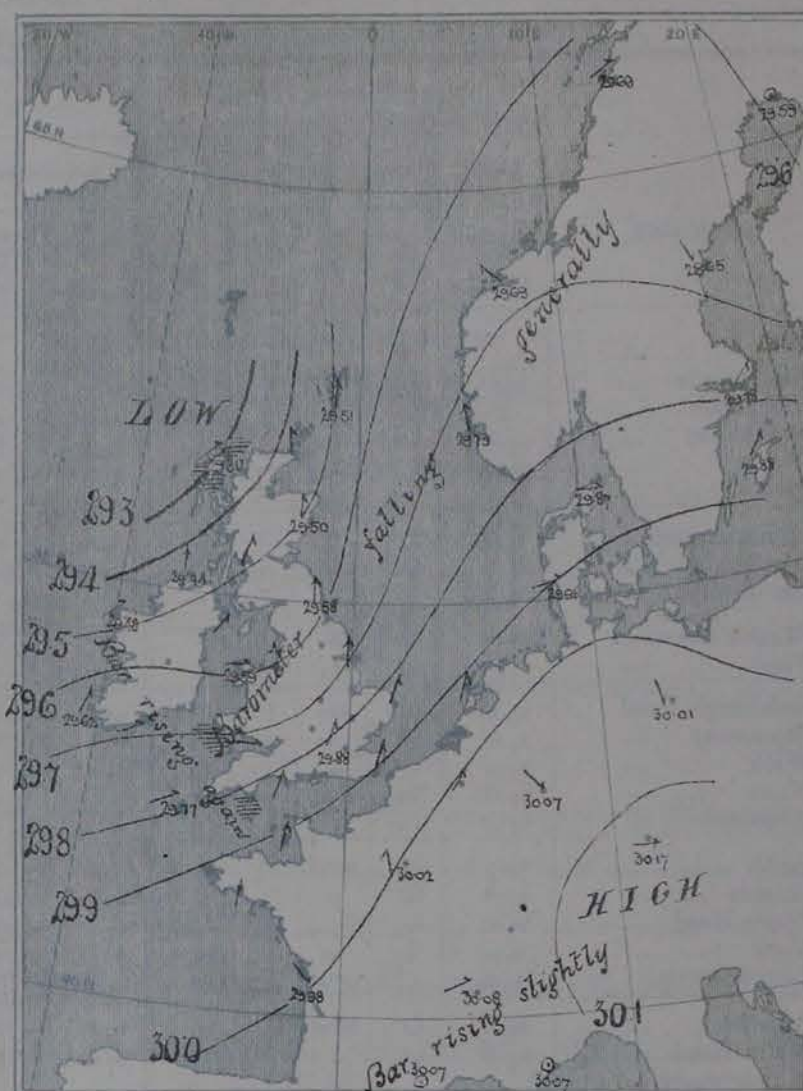
at 8 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardsossan	29.857
Mullaghmore	29.868
Donaghadee	29.870
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Pravle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	Dry.	Wet.	
Sumburgh Head	57.7	48.4	53.4	50.7	3.16
Stormoway	59.8	48.8	54.9	50.2	1.07
Wick	61.1	48.3	55.2	50.2	2.57
Nairn	63.4	50.3	56.5	52.7	2.70
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.1	2.50
Shields	63.6	51.0	57.2	54.5	2.85
Spurn Head	64.3	53.0	58.8	50.6	1.80
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.0	2.53
Ardsossan	67.6	52.8	57.2	51.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.0	53.1	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.0	4.70
Roche's Point	66.1	53.8	58.0	55.3	3.92
Pembroke	63.2	55.6	58.6	54.5	2.77
Scilly	64.0	57.0	60.9	58.8	2.39
Pravle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.20
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.5	51.8	60.0	57.1	2.10
Yarmouth	66.3	54.8	60.5	57.6	2.16

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and more over Germany and the east and south of France.
Lowest, 29.3 in: in a depression having its centre off the northwest of Scotland; 29.6 in: and less, over the north of Russia.
Gradients favourable for S. to W. winds in our Islands—rather steep over our eastern and northern districts, moderate in the west.

TEMPERATURE

Highest, 77° at Nice, 74° at Munich, 72° at Wiesbaden, 71° at Jersey, 69° at Lyons and Yarmouth, 68° at Lorient, London and the Helder.
Lowest, 51° at Åbo, 57° at Aberdeen and Felt, 62° at Shields, 64° at Paris.
The maxima recorded over our Islands yesterday fell short of 80° except at Loughborough. The night minima were below 60° at the northern and inland stations.

WIND

Moderate to light from W. on our southwestern coasts; fresh and gusty from S. or S.W. over the west of France, the Channel, and the eastern half of England, slight from S. in the east of Scotland; and from S.E. in Norway; Moderate W. over Denmark, S.W. at Helsingør.
A moderate gale from S.W. was again felt in the Minch last night.

WEATHER

Fine, clear in the south and east of France, but not settled looking at our eastern and southern stations, more cloudy in the west, squally and showery in the north and northeast.
A good deal of rain has fallen in Ireland and showers at the northern stations, as well as locally in the extreme southeast of England, where (as well as over the North Sea) lightning was seen last night. Aurora has again been seen at Wick.

SEA

Rather rough in the Minch and also on the southwestern coasts of England, moderate in the Channel, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 21st Aug^r 1893.

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

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	Wet.	WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.												
Skudeenæs ...	29.83	64	63	S	4	f	4	Valencia ...	29.64	67	63	S	5	o	5
Sumburgh Head ...	29.57	63	60	S	2	b	3	Scilly ...	29.86	71	66	SSW	4	bc	3
Stornoway ...	29.54	64	62	SW	5	c	5	Jersey ...	29.98	73	65	SSW	3	bc	3
Aberdeen ...	29.66	70	62	S	4	bg	3	Hurst Castle ...	29.96	71	67	SW	3	bc	1
Shields ...	29.77	72	63	SW	3	b	2	Dungeness ...	29.95	67	65	WSW	3	op	2
Ardrossan ...	29.66	67	62	SSW	4	c	3	North Foreland ...	29.93	67	65	SSW	3	r	3
Malin Head ...	29.59	67	61	S	4	oup	2	London ...	29.92	75	65	SSW	3	c	*
Mullaghmore ...	29.55	63	61	S	5	c	*	Yarmouth ...	29.91	74	65	WSW	2	b	2
Belmullet ...	29.76	68	63	SSW	5	b	4	Rochefort ...	29.99	78	72	SE	3	c	*
Holyhead ...	29.76	68	63	SSW	5	b	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine over eastern and southeastern Europe and the Mediterranean and on our own coasts, cloudy and changeable in the west, north, and northeast, as a whole, with showers at Valencia (Ireland) Bodö, and St Petersburg. Considerable rain in Ireland later, and smaller quantities on the western and northern coasts generally, as well as over Belgium, the northeast of France and extreme southeast of England; lightning in last named districts and over the North Sea.

Temperature decreased very decidedly over the southeastern half of England, Belgium, and the northeast of France. Morning readings 82° at La Calle and Panguinaires and exceeding 70° over southern Europe generally, lower elsewhere. Lowest 45° at Archangel, 48° at Moscow, 49° at Uleaborg, 51° at Charkov and Kiev, 54° at Bodö, 57° at Sumburgh H^d, Breslau and Warsaw. Falling to reach 80° over our Islands (except at Loughborough) and over the north of France during day, but touching 85° to 88° over Germany and 90° to 96° in the south of France. Succeeding night cool over England.

Wind very light and variable over eastern and southern Europe; SW¹ to S¹ in the northwest—moderate on our own coasts, and strong on the eastern shores of the North Sea; SW¹ over Sweden, SW¹ to NW¹ over Finland and the north of Russia. Increasing decidedly from the S¹ at our western stations later.

Barometer highest 30.3 ins. to 30.1 ins. in an anticyclone over eastern, southeastern and central Europe, and exceeding 30 ins. over the Baltic, France, and the Iberian Peninsula. Lowest 29.6 ins. and less, over the northwest of Scotland, the Hebrides, Shetlands, and all adjacent parts of the Atlantic. Gradients moderate over the western and northern countries, and increasing. Falling rather decidedly over Ireland later, and fall spreading eastward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on MONDAY 21st AUGUST.

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.		TEMP.		WIND.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Force (0 to 12).	Weather.		Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).		Weather.	Weather.	Max.		Min.	
		Inch.	°				Inch.	°	°	°							°	Inch.		
SCANDINAVIA.	Haparanda ...	29.70	53	2	0	b	29.86	+17	57	57	+2	SW	2	f	*	b	64	41	—	
	Hernösand ...	29.80	57	2	0	b	29.79	+14	60	59	-3	S	2	f	*	b	75	57	—	
	Stockholm ...	29.86	65	W	2	b	29.91	+13	65	62	0	SW	2	b	*	b	75	58	—	
	Wisby ...	29.90	65	S	4	b	29.97	+09	66	63	+1	W	2	b	*	b	73	61	—	
	Bodö ...	29.75	51	2	0	o	29.63	-06	60	54	+9	E	4	o	2	o	72	50	0.24	
	Christiansund...	29.56	62	W	1	T	29.56	-13	59	57	0	W	1	c	1	T	68	57	0.08	
	Skudesnaes ...	29.66	62	SE	0	T	29.59	-14	63	61	-1	SE	7	o	4	c, T	76	—	—	
	Christiania Fjord (Færdet)	29.81	64	SW	5	m	29.75	-05	64	62	-1	SW	5	m	4	m	68	63	—	
	Skagen (The Scaw)	29.85	63	SW	1	c	29.78	-09	67	64	+3	SW	2	bc	1	c	68	59	—	
	Fanö ...	29.84	65	S	2	bc	29.80	-11	69	65	+3	SW	4	b	*	bc	73	64	—	
BRITISH ISLANDS.	Sumburgh Head	29.40	58	SW	1	T	29.25	-26	58	55	-3	E	2	T	4	T	62	50	0.15	
	Stornoway ...	29.31	61	SW	5	bc	29.04	-26	58	55	0	S	2	bc	3	b, bc	62	53	—	
	Wick ...	29.43	63	S	3	b	29.14	-29	60	58	-2	S	4	o	3	b	69	56	0.03	
	Nairn ...	29.41	64	W	2	bc	29.08	-33	61	59	-1	2	0	bc	1	bc	70	58	0.29	
	Aberdeen ...	29.48	65	SW	2	bc	29.18	-32	59	58	+2	SE	6	rogy	5	bc	67	55	0.32	
	Leith ...	29.50	66	SW	4	c	29.12	-38	64	63	+1	SW	4	T	*	c	72	55	0.31	
	Shields ...	29.60	65	SW	2	c	29.30	-28	66	63	+4	SW	5	o	2	p, c	69	57	0.08	
	Spurn Head ...	29.68	67	SW	2	bc	29.46	-22	68	64	+3	S	6	o	5	o, bc, p	71	62	—	
	York ...	29.68	65	S	3	c	29.39	-29	68	65	+3	S	4	bc	*	c	71	60	0.02	
	Loughborough	29.71	72	SW	2	b	29.49	-26	67	64	+2	SW	5	ogp	*	b	77	63	0.05	
GERMANY & HOLLAND.	Ardrossan ...	29.40	61	SW	4	op	29.13	-37	60	57	-1	SW	5	o	4	op	63	56	0.66	
	Malin Head ...	29.42	62	W	1	o	29.32	-32	56	52	-4	S	7	c	4	c, o, T	66	56	0.25	
	Mullaghmore ...	29.53	63	SW	1	o	29.33	-35	58	56	-4	W	9	o	*	c, o	46	46	0.20	
	Belmullet ...	29.51	61	SW	5	T	29.16	-37	58	55	-5	SW	6	b	4	T	71	57	0.74	
	Donaghadee ...	29.51	61	SW	5	T	29.16	-37	58	55	-5	SW	6	b	4	T	71	57	0.74	
	Liverpool (Bidston)	29.64	62	SE	1	o	29.42	-19	64	60	0	SW	5	b	4	o	69	62	0.07	
	Holyhead ...	29.62	61	SW	4	cp	29.37	-22	61	56	+1	W	6	bc	5	c, cp	65	58	0.58	
	Parsonstown ...	29.38	60	W	1	o	29.26	-34	57	53	-6	SW	2	c	*	o	68	53	0.77	
	Valencia ...	29.44	59	S	1	rm	29.44	-10	59	56	-5	SW	7	cmg	6	rm	65	56	0.48	
	Roche's Point	29.49	64	SW	5	p	29.48	-22	60	55	-4	W	5	b	4	p, T	65	56	0.95	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.58	65	SW	7	c	29.50	-10	62	58	0	W	6	bc	7	cq	66	60	0.37	
	Scilly ...	29.69	68	SW	5	cpm	29.63	-14	65	59	-1	W	6	c	4	cpm	72	58	0.06	
	Prawle Point ...	29.78	63	W	6	o	29.64	-15	62	61	-1	W	5	b	4	o	69	60	0.15	
	Jersey (St. Aubin's)	29.87	69	W	3	odm	29.73	-20	67	66	-3	S	4	rm	3	cp, odm	77	65	0.20	
	Hurst Castle ...	29.82	65	SW	5	c	29.65	-22	66	65	-2	SW	3	cpm	4	c	71	64	0.03	
	Dungeness ...	29.84	70	SW	4	c	29.71	-20	67	65	0	SW	5	c	4	b, c	72	65	—	
	North Foreland	29.81	73	SW	3	bc	29.67	-22	68	65	0	SW	6	og	5	b, bc	74	63	—	
	London ...	29.80	68	SW	3	cr	29.66	-22	68	64	0	S	5	og	*	bc, op, br	78	63	0.02	
	Oxford ...	29.75	65	SW	4	c	29.56	-24	66	63	+1	S	6	od	*	c, p	73	63	0.06	
	Cambridge ...	29.75	68	S	6	bc	29.55	-24	68	64	+1	SE	7	o	*	bc	76	62	—	
PENINSULA.	Yarmouth ...	29.77	72	SW	4	bc	29.67	-20	69	65	0	SW	5	c	4	bc	74	65	—	
	Cuxhaven ...	29.96	66	E	1	b	29.90	-10	66	64	+1	S	2	b	*	b	74	65	—	
	Berlin ...	29.96	70	SW	2	c	29.96	-05	71	66	0	2	0	b	*	c	80	68	—	
	Wiesbaden ...	*	*	*	*	*	29.99	-08	70	66	-2	SE	2	b	*	*	86	68	—	
	Munich ...	*	*	*	*	*	29.99	-08	70	66	-2	S	3	bc	*	b	73	59	—	
	The Helder ...	29.89	68	SW	1	b	29.81	-10	66	63	-2	S	3	bc	2	b	73	59	—	
	Brussels (9 a.m.)	*	*	*	*	*	29.85	-14	69	62	+1	SW	5	bc	*	bc	81	64	—	
	Cape Gris Nez	29.84	69	SW	2	b	29.78	-14	69	65	+2	SW	4	o	4	b	72	61	—	
	Paris ...	29.95	76	SW	3	c	29.93	-09	66	61	0	SW	2	c	*	c	81	59	—	
	Brest ...	*	67	SW	2	c	29.93	-09	66	61	0	SW	4	o	4	c	73	64	0.24	
PENINSULA.	Lorient ...	*	67	SW	2	c	29.93	-09	66	61	0	SW	4	o	4	c	73	64	0.24	
	Rochefort ...	30.01	72	W	2	b	29.93	-05	70	68	+2	SW	2	c	*	c, b	81	66	—	
	Belfort ...	*	84	W	2	c	29.93	-05	70	68	+2	SW	2	bc	*	c	82	59	—	
	Lyons ...	29.96	86	S	1	c	29.91	-07	73	68	+4	S	1	c	*	c	95	67	—	
	Nice ...	30.02	77	2	0	b	29.98	+01	80	72	+3	2	0	b	1	b	88	72	—	
	Perpignan ...	30.02	76	NE	2	bc	29.92	-05	71	69	-1	2	0	b	3	bc	83	63	—	
PENINSULA.	Biarritz ...	29.99	75	N	3	o	29.95	-05	70	66	-1	ENE	3	b	3	o	82	66	—	
	Corunna ...	30.11	67	W	4	b	29.78	-41	71	66	+5	W	2	c	*	b	79	66	—	
PENINSULA.	Lisbon ...	30.11	67	W	4	b	29.78	-41	71	66	+5	W	2	c	*	b	79	66	—	

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 21st Aug: 1893.

BAROMETER, WIND AND 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

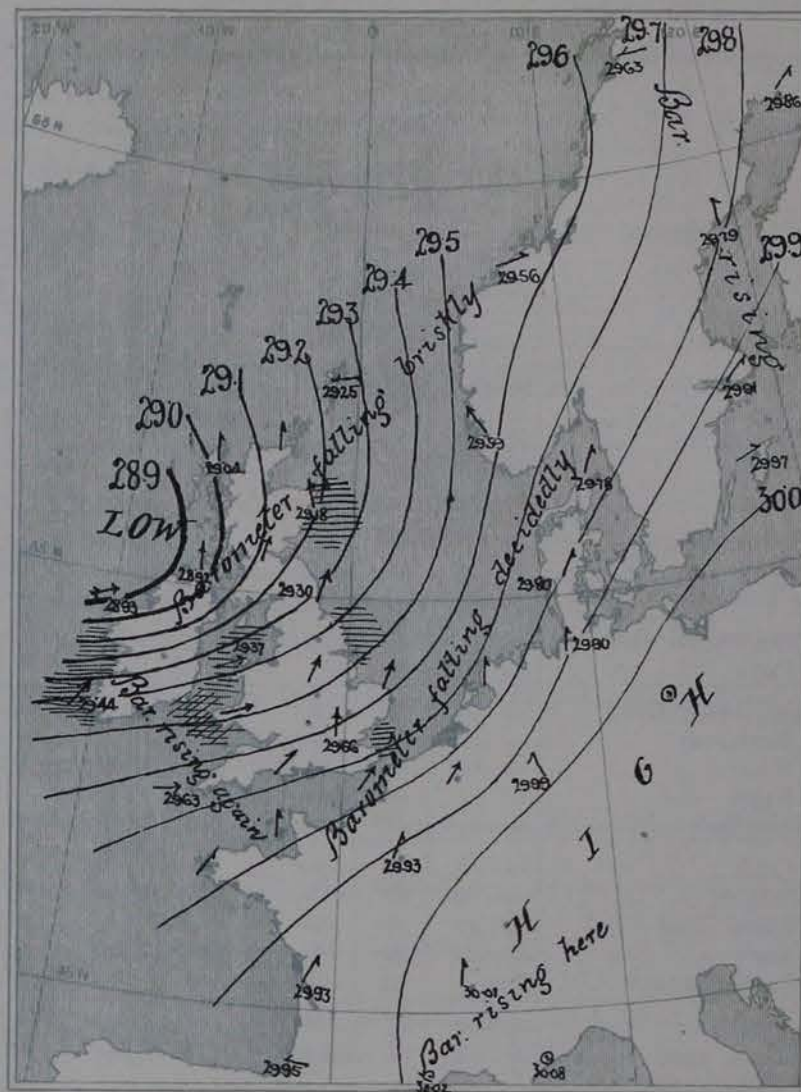
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Bumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.848
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

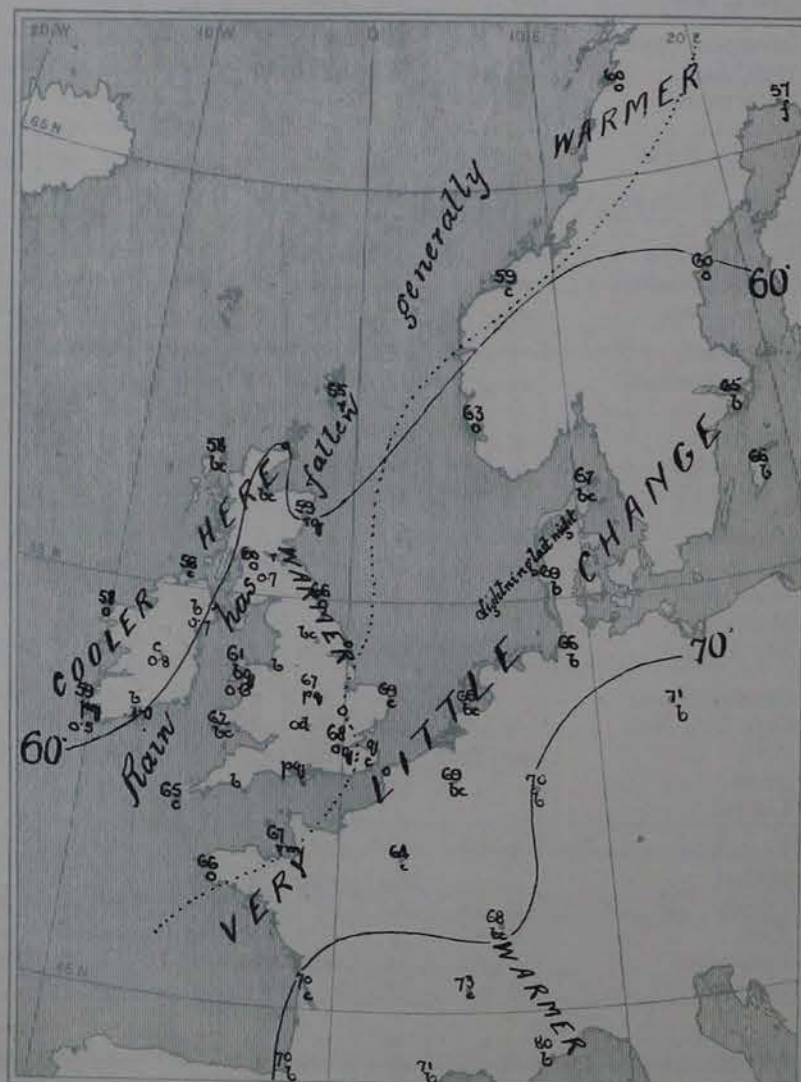
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry Wet	Wet	
Bumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.0	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.58
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.0	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	54.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.0	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.30
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.0	61.0	58.0	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.6	60.0	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	65.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1864-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 ins: and more to 29.8 ins: over France, Germany, the Netherlands, and Baltic.
 Lowest, about 28.9 ins: in a deep depression having its centre off the extreme northwest of Ireland.
 Gradients are very steep over the north of Ireland, steep over Scotland, the east of England and the North Sea.
 Barometer after falling generally, and rapidly in the west, has begun to rise again quickly at Valencia (Ireland).

TEMPERATURE

Highest, 80° at Nice, and 70° to 73° over southern and central Europe generally, 68° in London and at York.
 Lowest, 56° to 60° in the extreme west of our Islands and the north of Scandinavia.
 The thermometer did not reach 80° at any of our own stations yesterday, but rose to 81° at Brussels and Paris to 88° at Berlin and Nice, and to between 90° and 95° over the inland parts of the south of France.

WIND

W¹ and SW² fresh to strong, and squally, at our southern stations; S², strong and squally, over the eastern parts of England and Scotland; SW², strong and squally, over the Irish Sea; SW² to S², a gale, in the extreme northwest of Ireland, and S¹, light, in the north of Scotland. Bilmullet reports a heavy gale in the night during a "terrible Whirlwind" which passed over the station.

WEATHER

Cloudy or overcast, and squally over our Islands and the Channel generally, with rain in many places.
 Over France it is fair, and over Germany and the Baltic clear.
 Rain has fallen at all but our southeastern stations; in Ireland the fall has been heavy.

SEA

Very rough on our southwest coasts; rather rough to moderate elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

- (1) The depression in the northwest, as it moves northwards is likely to cause SW² gales in Scotland, the western and northern coasts of which have therefore been warned.
- (2) If the barometric reading at Lisbon be correct more serious disturbances are advancing towards our Islands from the southward, — at present, however, there is considerable doubt as to its accuracy.

FORECASTS

For the 24 hours ending at NOON on 22nd August, 1893.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S ² and SW ² winds, strong to a gale; squally, showery.	6 SCOTLAND WEST	Same as Nos 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	SW ² winds, strong; squally, showery, finer later.
2 ENGLAND N.E.	SW ² winds, fresh and squally, to moderate and fair.	8 ENGLAND S.W.	W ² winds, strong; squally, showery, very uncertain later.
3 ENGLAND EAST		9 IRELAND NORTH	Same as Nos 0 and 1.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No 8.
5 ENGLAND SOUTH		WARNINGS	At 10.20 am to districts 0, 6 and part of 9. "Hoist South Cone"

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.72	67	63	SE	6	C	4	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.21	63	59	SW	6	B	6	Jersey ...	29.89	76	66	SW	5	CP	4
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.89	71	65	SW	4	B	C
Ardrossan ...								North Foreland ...	29.84	74	66	SW	5	B	4
Malin Head ...	29.46	64	58	SW	4	C	2	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.48	66	65	SW	1	C	*	Rochefort ...	30.01	81	73	NW	3	C	*
Holyhead ...	29.66	64	60	SW	5	C	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not yet received

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 13TH TO 19TH AUG. 1893.

During nearly the whole of this week fine weather has been prevalent at all ^{but} our western and northern stations; there showers have been reported frequently, and on Tuesday thunderstorms of considerable importance were felt over Scotland and the northern parts of England and Ireland. Over the other English districts and in France temperature rose day by day, until it reached 90° in London on Wednesday, 92° on Thursday, and 93° on Friday, while in Paris the maximum of Friday was 96°. The London value (93°) is the highest recorded for 12 years.

On Friday, however, a change set in, and the evening was much cooler than the morning. Saturday was cool but fair.

At the close of the week the general appearance was less settled than for some time previously.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY, 22ND AUGUST. 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
			Reading at 32° F. and Sea Level.	Dry Bulb.			Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirce.	Force (0 to 12).		Max.	Min.
	Inch.	°					Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	29.86	55	2	0	bc	29.85	-0.1	58	56	+1	SE	4	c	*	bc	61	59	—	
	Hernösand ...	29.77	63	2	4	c	29.71	-0.8	63	60	+3	S	4	0	*	c	72	50	—	
	Stockholm ...	29.88	65	2	2	0	29.80	-1.1	66	63	+1	S	2	0	*	0	77	59	—	
	Wisby ...	29.92	64	SEW	2	b	29.81	-1.6	70	65	+4	S	2	bc	*	b	75	59	—	
	Bodö ...	29.65	60	SE	2	0	29.52	-1.1	65	59	+5	ENE	4	r	2	0	75	54	0.04	
	Christiansund...	29.43	60	E	1	b	29.41	-1.5	60	59	+1	ENE	4	b	2	b	61	57	0.16	
	Skudesnaes ...	29.43	63	SEW	0	c	29.38	-2.1	62	58	-1	SEW	0	c	5	r, c	64	55	—	
	Christiania Fjord (Færder)	29.50	65	SE	0	0	29.71	-0.4	65	62	+1	SW	3	m	4	0	66	63	0.08	
	Skagen (The Scaw)	29.75	63	S	2	c	29.75	-0.3	62	61	-5	SW	1	b	0	c	70	59	—	
	Fanö ...	29.75	68	SW	4	c	29.80	0.0	64	61	-5	WSW	4	b	*	c	79	63	0.04	
BRITISH ISLANDS.	Sumburgh Head	29.02	55	SE	5	b	29.10	-1.5	55	54	0	WSW	6	r	6	o, b	62	50	0.24	
	Stornoway ...	29.78	60	WSW	5	c	29.32	+2.8	55	54	-5	WSW	4	0	4	r, c	61	52	1.00	
	Wick ...	29.83	60	S	7	0	29.27	+1.3	56	55	-4	W	4	0	3	0	66	54	0.20	
	Nairn ...	29.92	58	SEW	4	0	29.52	+2.4	59	55	-2	SW	4	c	2	0	70	52	0.20	
	Aberdeen ...	29.10	59	SEW	0	bcq	29.40	+2.2	61	55	+2	SW	6	bcq	5	bcq	66	56	0.03	
	Leith ...	29.24	55	WSW	2	0	29.50	+2.8	60	55	-4	SW	4	b	*	0	66	49	0.07	
	Shields ...	29.40	64	SEW	6	b	29.63	+2.3	61	55	-5	SEW	3	c	2	c, b	69	53	—	
	Spurn Head ...	29.58	68	SW	5	bc	29.76	+2.3	62	55	-6	SW	4	c	4	p, b, v	72	56	0.02	
	York ...	29.55	66	W	5	b	29.72	+2.3	59	56	-9	S	3	b	*	b	72	54	0.12	
	Loughborough	29.65	67	WSW	5	b	29.81	+2.2	60	55	-7	SEW	2	cw	*	b	74	53	0.03	
GERMANY & HOLLAND.	Ardrossan ...	29.27	60	SW	7	c, p	29.51	+2.8	58	55	-2	SEW	5	bc	4	c, p	61	56	0.23	
	Malin Head ...	29.21	55	W	6	cq	29.47	+2.5	55	55	+1	SEW	4	0	3	o, cq	59	53	0.36	
	Mullaghmore ...	29.40	61	SW	6	c	29.54	+2.6	59	55	+1	WSW	3	c	*	c	65	49	0.08	
	Belmullet ...	29.40	61	WSW	6	bc	29.59	+2.4	61	58	+3	WSW	4	c	3	bc	65	58	—	
	Donaghadee ...	29.40	61	WSW	6	bc	29.59	+2.4	61	58	+3	WSW	4	c	3	bc	65	58	—	
	Liverpool (Bidston)	29.58	64	SW	5	b	29.71	+2.9	62	55	-2	SEW	1	b	2	b	68	55	—	
	Holyhead ...	29.55	62	SW	6	bc	29.66	+2.9	61	55	0	SW	4	mq	4	bq	65	58	—	
	Parsonstown ...	29.54	61	SW	2	c	29.65	+2.3	56	55	-1	SW	1	c, r	*	c	65	54	0.04	
	Valencia ...	29.64	63	SW	6	bc, m	29.69	+2.3	59	55	0	WSW	3	bc, p	4	cq, bc, m	65	53	0.15	
	Roche's Point	29.64	64	W	5	b	29.65	+2.0	59	55	-1	WSW	3	bc, p	3	q, b	65	56	0.25	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.67	63	W	6	bc	29.68	+2.1	62	60	0	SEW	6	cq, p	7	bc	64	59	0.23	
	Scilly ...	29.80	65	WSW	4	c	29.76	+2.3	65	62	0	SW	4	c	4	bc, c	68	58	0.02	
	Prawle Point ...	29.80	62	WSW	5	b	29.84	+2.0	62	60	0	WSW	6	c	5	p, b	66	58	0.09	
	Jersey (St. Aubin's)	29.85	68	W	4	bc, m	29.94	+2.1	65	62	-2	SEW	3	cq, m	3	q, p, bc, m	69	62	0.23	
	Hurst Castle ...	29.78	66	WSW	6	b	29.88	+2.3	65	63	-1	SW	5	c	4	bc, m, b	69	48	0.02	
	Dungeness ...	29.74	66	SW	6	bc	29.90	+2.1	65	61	-2	WSW	5	c	3	cq, bc	70	62	0.04	
	North Foreland	29.70	68	SW	2	b	29.83	+2.2	65	60	-5	SW	2	c	2	bc, b	72	55	0.06	
	London ...	29.72	70	WSW	4	bc	29.88	+2.2	63	59	-5	S	2	0	*	q, p, b	77	53	0.01	
	Oxford ...	29.78	70	WSW	3	b	29.84	+2.8	61	59	-5	SEW	2	r	*	r, b	72	54	0.26	
	Cambridge ...	29.69	69	SEW	5	b	29.85	+2.6	61	58	-7	S	5	bc	*	b	75	51	0.12	
PENINSULA.	Yarmouth ...	29.68	71	WSW	3	b	29.84	+2.1	64	58	-5	WSW	3	b	3	cq, b	74	54	0.01	
	Cuxhaven ...	29.83	69	W	1	b	29.89	-0.1	68	65	+2	WSW	2	b	*	b	81	66	—	
	Berlin ...	29.86	78	SW	3	bc	29.91	-0.5	70	65	-1	WSW	2	bc	*	bc	88	68	0.04	
	Wiesbaden ...	29.85	*	*	*	*	29.91	+0.2	68	66	-2	SW	1	c	*	*	82	63	0.47	
	Munich ...	29.85	*	*	*	*	29.91	+0.2	71	64	-7	S	4	c	*	bc	71	64	—	
	The Helder ...	29.75	68	SEW	4	bc	29.94	+2.3	65	59	-1	SW	4	b	2	bc	73	63	0.04	
	Brussels (9 a.m.)	*	*	*	*	*	29.99	+1.4	66	62	-5	SW	4	c	*	0	80	59	0.04	
	Cape Gris Nez	29.88	65	SW	5	b	29.89	+1.1	63	59	-4	WSW	4	c	4	b	68	61	0.35	
	Paris ...	29.88	76	W	3	r	29.92	+0.9	65	63	+1	SEW	2	c	*	0	80	62	—	
	Brest ...	29.88	68	W	3	c	29.92	+0.9	63	61	-3	SW	3	c	3	c	73	61	0.28	
GERMANY & HOLLAND.	Lorient ...	29.93	68	W	5	bc	29.95	+1.7	67	61	-1	SW	5	c	4	bc	70	63	0.12	
	Rocheport ...	29.95	73	WSW	4	bc	29.92	+0.9	70	66	0	WSW	3	c	*	c, bc	79	64	—	
	Belfort ...	29.95	73	WSW	4	bc	29.92	+0.9	70	66	0	WSW	3	c	*	c, bc	79	64	—	
	Lyons ...	29.93	84	S	2	0	29.98	+0.7	72	62	-1	W	1	c	*	0	83	69	—	
	Nice ...	29.93	76	SW	2	bc	29.96	+0.2	71	63	-5	E	1	b	1	bc	86	68	—	
	Perpignan ...	29.97	78	E	2	c	29.98	+0.6	72	68	+1	NE	1	b	*	c	86	64	—	
	Biarritz ...	29.97	78	WSW	2	bc	29.96	+1.1	72	68	+2	SW	1	b	4	bc	84	70	—	
	Corunna ...	29.97	*	*	*	*	29.97	-0.5	73	65	+2	WSW	4	b	*	*	82	66	—	
	Lisbon ...	29.97	70	N	5	b	29.97	-0.5	73	65	+2	WSW	4	b	*	*	82	66	—	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday 22nd AUG: 1893.

BAROMETER, WIND AND 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

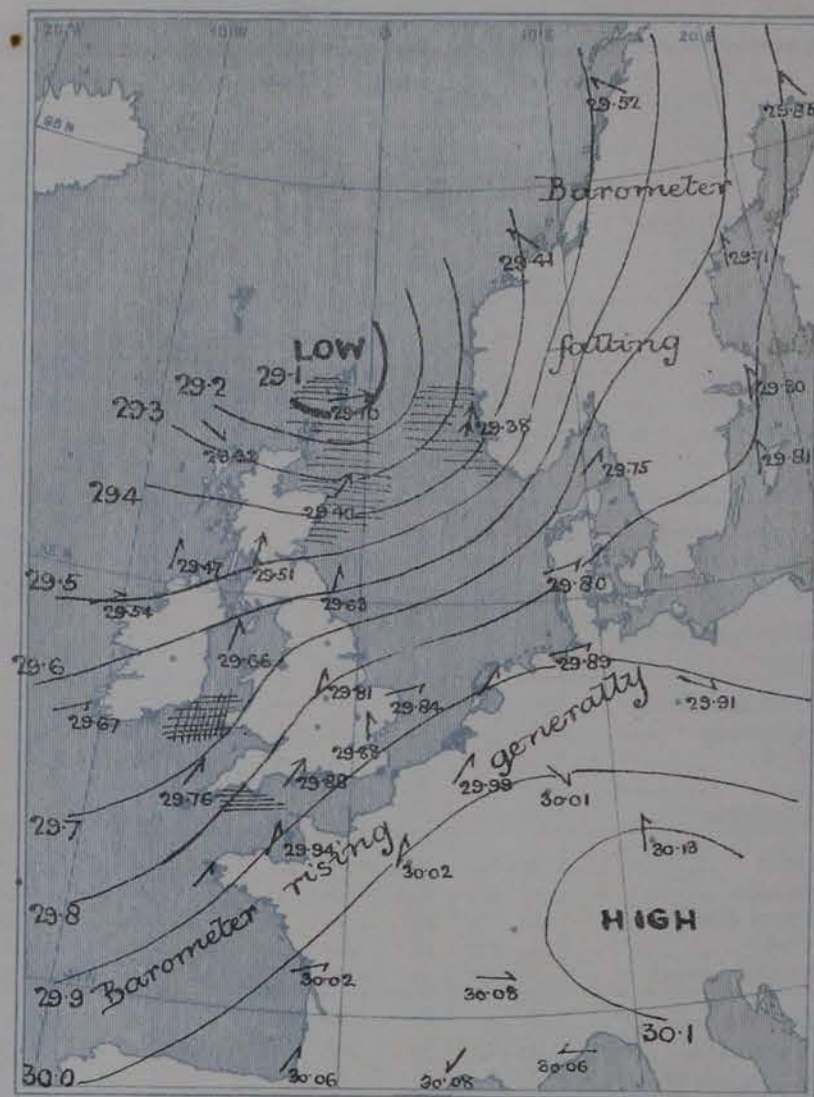
at 8.0 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.937
Mullaghmore	29.938
Donaghadee	29.979
Holyhead	29.997
Liverpool	29.996
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Silly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

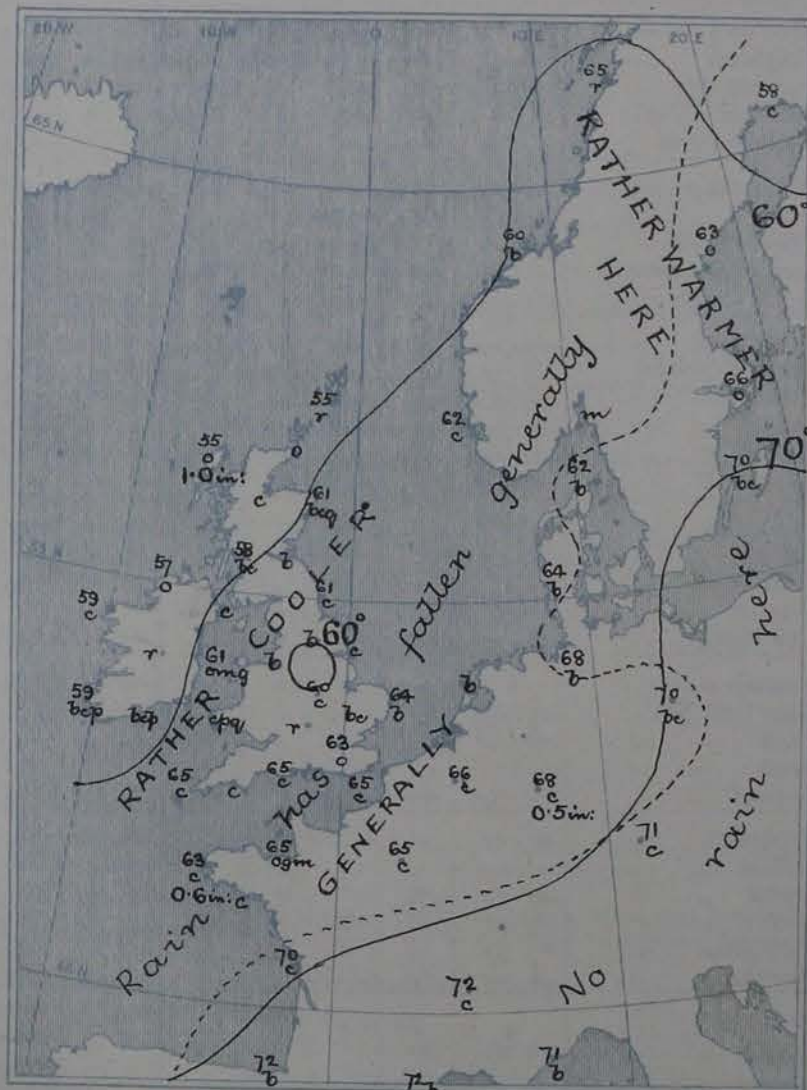
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

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	57.7	48.4	53.4	51.7		3.16
Stornoway	59.8	48.8	54.9	53.2		3.67
Wick	61.1	48.3	55.2	53.2		2.37
Nairn	63.4	50.3	55.5	52.7		2.75
Aberdeen	63.1	50.1	56.5	53.4		3.63
Leith	65.7	51.3	57.5	54.4		2.56
Shields	63.6	51.9	57.2	54.5		2.85
Spurn Head	64.3	55.0	58.8	56.0		1.80
York	67.9	51.3	57.7	55.0		2.54
Loughborough	70.4	51.8	59.3	56.9		2.53
Ardrossan	63.6	52.8	57.2	54.8		3.78
Mullaghmore	63.3	53.8	57.3	54.5		3.65
Donaghadee	62.2	52.2	56.9	55.3		3.04
Holyhead	64.1	54.8	58.4	56.2		2.77
Liverpool	65.8	54.1	58.5	56.2		2.83
Parsonstown	66.0	51.4	57.3	55.2		3.38
Valencia	64.7	54.1	59.3	56.9		4.79
Roche's Point	66.1	53.8	58.9	56.3		3.62
Pembroke	63.2	55.6	58.6	56.5		2.77
Silly	64.9	57.0	60.9	58.8		2.39
Prawle Point	65.3	54.4	60.1	57.9		2.14
Jersey	68.8	57.1	62.8	59.6		2.24
Hurst Castle	68.1	55.9	61.0	58.9		2.26
Dover	67.2	56.7	62.0	58.6		2.04
LONDON	71.8	53.5	60.9	57.3		2.21
Oxford	69.3	53.0	58.8	56.0		2.24
Cambridge	71.3	51.8	60.0	57.1		2.19
Yarmouth	66.3	54.8	60.5	57.6		2.13

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 29.9 ins. over Germany, France and Spain.
Lowest 29.1 ins. and less in a depression, the centre of which now lies to the N.W. of Sumburgh Head.
Gradients steep at the northern stations, but decreasing - moderate to slight in the south.

TEMPERATURE

Barometer unsteady over the west and southwest of England rising fast in the N., slightly in the E.
Highest 70° to 73° over the south and southwest of France and at Lisbon, 71° at Munich, 70° at Berlin.
Lowest 55° at Sumburgh H., 56° at Wick, 57° at Malin Head.

WIND

The maxima recorded over our Islands yesterday were all below 18° those in France ranged between 80° and 86°, those in N. Germany, between 81° and 88°. The night was cool and fresh over S.W. Britain - fresh and squally in the N.E. and N., and also in the Channel; W.S.W. moderate to gentle in Ireland; S.W. moderate over the North Sea, but blowing a gale from S. at Skudesnæs, and a moderate breeze from E.S.E. in the northwest of Norway.
Over France and Germany it was high and anticyclonic.
The gales in the north have died down.

WEATHER

Fine and bright in many parts of our Islands, cloudy and rainy in others and changeable generally.
In France and Germany it was fair.
Rain has fallen generally - heavily at Stormoway only.

SEA

Rough on our northern and southwestern coasts, moderate in the Channel, the Bay of Biscay and the North Sea.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The secondary disturbance in the west will probably cause showers in most, if not all parts of England today. A temporary clearance is likely to take place generally towards night.

FORECASTS

For the 24 hours ending at NOON on 23rd AUGUST 1893.

DISTRICTS.

FORECASTS.

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

W² breezes, falling light gradually, with clearing weather, cool at night.
S² to W² breezes, changeable, showers, bright intervals.
S² winds, fresh, showery, then W² fine, bright, cool, but not settled.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 and 1

Wind backing to SW. or S. again; weather very changeable from fine to rainy.

WARNINGS

The signals hoisted in districts 0, 1 and 6 yesterday are now lowered. Those in district 9 are still up.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.55	64	62	SE	7	7	5	Valencia ...	29.58	64	60	SW	7	cq	6
Sumburgh Head ...	29.17	59	58	SE	4	0	5	Scilly ...	29.74	66	60	W	7	bc	4
Stornoway ...	29.54	57	57	SW	3	7	8	Jersey ...	29.80	68	64	W	4	0	5
Aberdeen ...								Hurst Castle ...	29.73	65	66	SW	7	bc	4
Shields ...	29.56	67	56	SW	7	C	2	Dungeness ...	29.70	66	65	WdW	7	cq	4
Ardrossan ...	29.10	59	56	S	9	C	7	North Foreland ...	29.67	70	67	SW	6	bc	5
Malin Head ...	29.02	57	55	WdW	7	09	5	London ...	29.66	75	66	SW	5	bc	*
Mullaghmore ...								Yarmouth ...	29.62	70	68	SW	5	cq	4
Belmullet ...	29.30	61	58	WdW	6	C	*	Rochefort ...	29.94	78	70	WdW	4	C	*
Holyhead ...	29.48	64	59	SW	6	bc	5								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over E^m, central and S^m Europe, changeable, squally and unsettled in the British Islands and their neighbourhood; dull and foggy in the far N. Rain later over nearly all parts of our Islands, the N. of France, St. Germany and Norway - heavy at Stornoway, considerable at Malin H. and Drest. Sky alternately clear and cloudy in most places.

Temperature fallen somewhat over the Mediterranean, changed little and irregularly elsewhere. Morning readings, ^{highest} 84° at Barcelona, 83° at Trieste and 70° to 80° over S^m Europe generally, 71° over N. Germany. Lowest 48° at Archangel, 54° at Kaspis, 55° at Sumburgh H., and 56° at Malin H. Rising later to between 70° and 77° over Sweden, Denmark and England, to between 70° and 80° over the N^m parts of France, and to between 80° and 88° over Germany and the S. of France, touching 93° at Lyons. Succeeding night cool over St. Britain.

Wind extremely light and variable over E^m, S^m and S.W. Europe. Strong and cyclonic over the British Islands and their neighbourhood and blowing a gale from the S.W. in the west of Ireland, moderate S² over Scandinavia, light N.W. over Finland. Strong S² gales spreading to Scotland later, but wind veering and moderating over Ireland and England.

Barometer, ^{highest} 30.2 ins. and more to 30.1 ins. over S.E. Europe and the Baltic and exceeding 29.9 ins. over the S.W. S^m and central countries and the Baltic. Lowest 28.9 ins. and less in a deep depression moving N.E. outside our extreme N.W. coast; gradients steep over the United Kingdom. Barometer rising considerably over England, rapidly over Ireland later, falling in Scotland and Norway.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 23rd AUGUST, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)											PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
				Force (0 to 12).	Direc.		Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.								
																Reading at 32° F. and Sea Level.	Dry Bulb.		Change since Yester- day Morn.	Change in dry since Yesterday.	Max.
Inch.		°				Inch.	°	°	°							°	Inch.				
SCANDINAVIA.	Haparanda ...	29.80	59	SE	4	r	29.70	- .15	57	57	-	1	SE	4	r	#	r	61	54	0.59	
	Hernösand ...	29.65	62	S	2	c	29.65	- .06	58	55	-	5	L	0	b	#	c	66	57	-	
	Stockholm ...	29.80	63	L	0	b	29.80	.00	63	59	-	3	W	2	b	#	b	73	59	-	
	Wisby ...	29.85	65	NW	1	b	29.87	+ .06	63	60	-	7	W	4	bc	#	b	75	59	0.08	
	Bodö ...	29.53	55	SW	2	o	29.64	+ .12	54	53	-	11	L	0	c	0	o	65	50	0.12	
	Christiansund...	29.52	58	ENE	1	bc	29.61	+ .20	59	57	-	1	L	0	bc	1	bc	70	57	-	
	Skudesnaes ...	29.73	?	SSW	6	c	?	?	?	?	-	?	?	?	?	4	c	63	55	-	
	Christiania Fjord (Fjorder)	29.75	63	SW	5	b	29.71	.00	61	57	-	4	SSE	3	o	4	b	66	59	0.08	
	Skagen (The Scaw)	29.74	62	W	2	c	29.72	- .03	60	59	-	2	SW	3	bc	1	c	68	57	-	
	Fanö ...	29.84	62	WSW	4	b	29.86	+ .06	62	58	-	2	W	6	b	#	b, bc	70	59	0.12	
BRITISH ISLANDS.	Sumburgh Head	29.41	55	WSW	5	c	29.59	+ .49	54	52	-	1	WSW	1	c	4	c	57	50	0.02	
	Stornoway ...	29.51	56	W	3	c	29.64	+ .32	57	56	+ 2	2	S	4	c	4	c	58	50	0.05	
	Wick ...	29.53	59	W	3	c	29.68	+ .41	57	56	+ 1	1	W	3	bc	2	c	65	48	-	
	Nairn ...	29.50	59	W	1	r	29.68	+ .36	57	53	-	2	SSW	2	bp	1	r	66	47	0.33	
	Aberdeen ...	29.53	61	SSW	3	c	29.74	+ .34	59	52	-	2	W	1	bc	1	bc, bp	68	48	-	
	Leith ...	29.59	57	SSW	1	r	29.73	+ .23	59	55	-	1	L	0	cmv	#	r	66	53	0.22	
	Shields ...	29.62	60	SSW	4	c	29.80	+ .17	57	54	-	4	SSW	3	c	2	op, c	67	50	-	
	Spurn Head ...	29.71	65	SW	4	b	29.89	+ .13	64	58	+ 2	2	SW	3	bc	3	bp, b	72	54	0.04	
	York ...	29.69	63	SSW	4	bc	29.88	+ .16	59	56	0	0	S	2	bc	#	p, bc	69	51	0.30	
	Loughborough	29.79	66	WSW	4	bc	29.94	+ .13	60	56	0	0	SW	3	bc	#	bc	73	52	0.11	
GERMANY & HOLLAND.	Ardrossan ...	29.60	61	SW	2	bp	29.71	+ .20	58	57	-	0	SSW	4	op	3	cp, b	61	54	0.14	
	Malin Head ...	29.61	60	W	3	bp	29.71	+ .24	55	54	-	2	WSW	3	op	2	op, b	63	53	0.16	
	Mullaghmore ...																				
	Belmullet ...	29.67	61	SW	2	bc	29.78	+ .24	58	57	-	1	WSW	3	c	#	b, bc	62	53	0.10	
	Donaghadee ...	29.67	60	WSW	4	bc	29.76	+ .17	60	58	-	1	WSW	4	bc	2	bc	63	59	0.38	
	Liverpool (Bidston)	29.76	61	W	4	bc	29.86	+ .15	59	57	-	3	SSW	2	bc	2	bc	66	54	0.31	
	Holyhead ...	29.75	61	SW	4	c	29.84	+ .18	62	58	+ 1	1	WSW	5	b	4	bc, c	64	58	0.24	
	Parsonstown ...	29.75	61	SW	1	bc	29.86	+ .21	58	55	+ 2	2	S	1	b	#	bc	65	52	0.05	
	Valencia ...	29.78	62	SW	4	cp	29.91	+ .24	59	56	0	0	SSW	2	o	2	bc	65	54	0.11	
	Roche's Point	29.82	64	WSW	3	b	29.92	+ .27	60	56	+ 1	1	W	3	b	3	b	65	54	-	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.83	62	WSW	5	bc	29.91	+ .23	62	60	0	0	WSW	4	bc	5	bc	64	59	0.06	
	Scilly ...	29.92	65	WSW	4	c	29.97	+ .21	63	58	-	2	WNW	3	bc	3	c	71	57	-	
	Prawle Point ...	29.93	62	WSW	4	bc	29.98	+ .14	58	58	-	4	S	1	c	0	p, bc	67	56	0.19	
	Jersey (St. Aubin's)	29.99	68	W	4	og	29.99	+ .05	66	64	+ 1	1	SE	3	ogm	3	o, p	73	62	0.37	
	Hurst Castle ...	29.91	65	WSW	7	cpq	29.97	+ .09	60	59	-	5	NNE	1	ogm	2	bc, cpq	69	59	0.13	
	Dungeness ...	29.89	68	SW	6	c	29.98	+ .08	63	62	-	2	SW	3	r	2	c	70	61	0.01	
	North Foreland	29.87	68	SW	6	c	29.97	+ .08	63	62	-	2	SSW	2	og	3	c	70	59	-	
	London ...	29.87	64	SW	4	o	29.97	+ .09	64	60	+ 1	1	SW	1	c	#	p, bc	73	57	0.01	
	Oxford ...	29.91	61	SW	3	bc	29.96	+ .12	59	57	-	2	S	2	o	#	p, bc	71	54	0.09	
	Cambridge ...	29.87	67	S	6	bc	29.98	+ .13	58	57	-	3	SSE	1	bc	#	bc	74	52	-	
PENINSULA.	Yarmouth ...	29.79	70	SW	5	c	29.96	+ .12	60	56	-	4	SW	3	b	3	c	71	55	0.02	
	Cuxhaven ...	29.96	65	NNE	1	m	29.99	+ .10	65	63	-	3	WSW	3	b	#	m	73	64	-	
	Berlin ...	29.97	72	NW	1	c	30.06	+ .15	69	63	-	1	NW	2	bc	#	c	84	68	0.04	
	Wiesbaden ...		#	#	#	#	30.13	+ .12	63	60	-	5	WSW	2	b	#	#	79	61	-	
	Munich ...	30.13	71	L	0	c	30.22	+ .09	70	65	-	1	E	1	b	#	c	82	63	-	
	The Helder ...	29.93	74	SSW	10	bc	30.04	+ .10	64	60	-	1	SW	1	c	1	b	70	63	-	
	Brussels (9 a.m.)	*	*	*	*	*															
	Cape Gris Nez	29.91	66	WSW	5	bc	29.97	+ .08	62	59	-	1	SW	3	o	3	bc	68	59	0.04	
	Paris ...	29.84	73	SW	2	c	30.00	- .02	64	60	-	1	SSE	1	b	#	c	78	57	-	
	Brest ...	?	65	SW	3	o	?	?	59	59	-	4	N	3	f	3	o	70	57	0.71	
FRANCE AND BELGIUM.	Lorient ...	30.03	66	SW	4	r	29.99	+ .04	68	66	+ 1	1	SW	4	f	4	r	73	63	0.43	
	Rocheport ...	30.04	73	WNW	3	b	30.03	+ .01	66	65	-	4	ESR	2	c	#	b	81	64	-	
	Belfort ...	?	85	NE	2	b	?	?	69	65	-	?	NE	2	b	#	b	88	60	-	
	Lyons ...	30.01	84	N	1	b	30.10	+ .02	72	65	0	0	SSE	1	b	#	bl, b	96	66	-	
	Nice ...	30.07	73	SW	1	bc	30.12	+ .06	72	67	+ 1	1	SW	1	b	0	bc	86	66	-	
	Perpignan ...	30.04	77	NE	2	b	30.10	+ .02	71	70	-	1	W	2	o	#	b	85	66	-	
	Biarritz ...	30.02	76	NNE	3	b	30.03	- .03	72	69	0	0	WSW	3	c	3	b	81	72	-	
	Corunna ..	30.03	*	*	*	*	30.03	- .04	73	66	0	0	SSE	2	b	#	*	86	66	-	
	Lisbon ...	30.03	71	NNW	6	b*															

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 23rd Aug. 1893.

BAROMETER, WIND AND 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

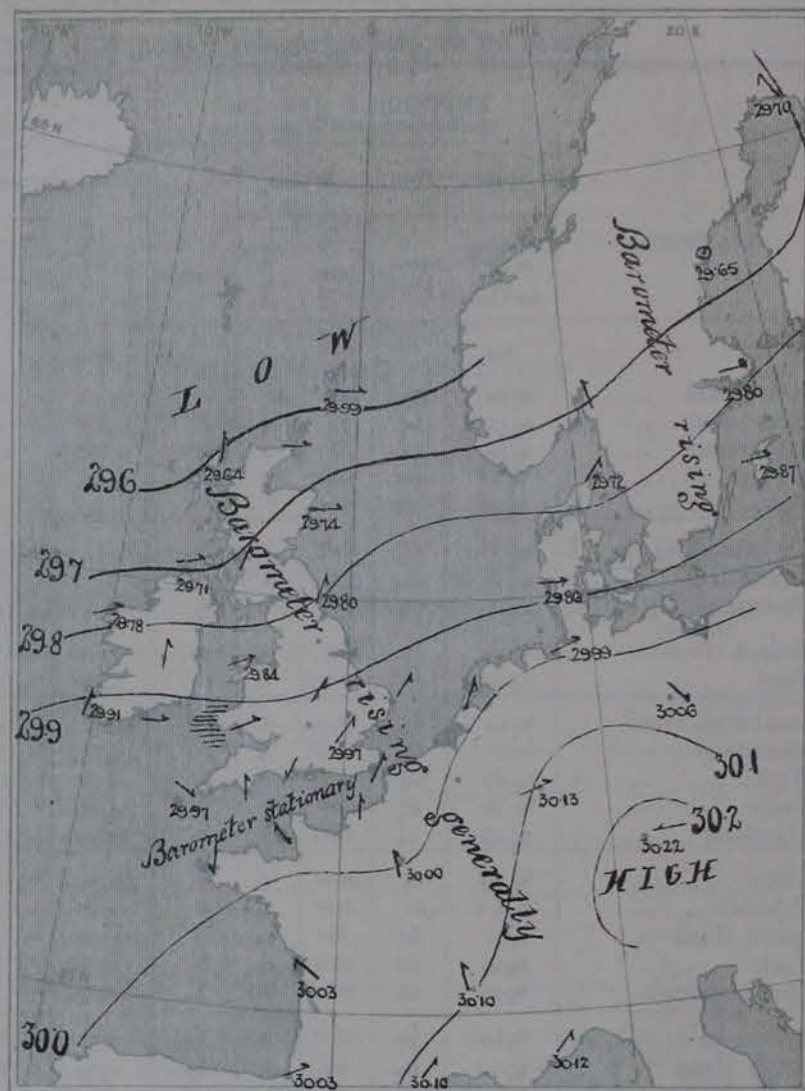
at 8 a.m. for the month of August.

During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardsman	29.937
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.990
Parsonstown	29.990
Valencia	29.927
Roche's Point	29.927
Pembroke	29.929
Seilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.73
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.2	56.0	2.33
Ardsman	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.2	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Seilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871–90, the Rainfall means are mainly those for the 25 years 1866–90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more over Bavaria, and exceeding 30.0 ins. over Germany, France & Spain generally.
 Lowest 29.6 ins. and less to the N.W. of Scotland and the Shetland Islands, & below 29.7 ins. over the N.W. half of Scandinavia.
 Gradients moderate to slight, - very complex over the English Channel and immediate neighbourhood.
 Barometer steady over the Channel, rising in the west and north.

TEMPERATURE

Highest 73° at Lisbon, 71° to 72° over the southern parts of France, 70° at Munich, 69° at Berlin.
 Lowest 54° at Sumburgh N.H., 55° at Malin Head, 59° to 59° at the Scotch Stations generally.
 The maxima recorded yesterday ranged between 70° and 74° over the inland and southern parts of England and the N. of France, but 80° to 85° over the S. half of France, & touched 91° at Lyons.

WIND

Moderate from between W. and S. over the greater part of the United Kingdom, the North Sea and Denmark, light and very variable over the Channel and France.
 The strong breezes of the past two days have entirely died down.

WEATHER

Fine and bright over the Continent, very variable over the greater part of our Islands (with showers locally) but becoming dull and very rainy over the southern parts of England with an appearance indicative of much rain.
 Showers have fallen in most places, heavy rain over Brittany, and a considerable quantity at Jersey. Thunderstorms occurred at Spurn Head and Farns yesterday.

SEA

Moderate in the far north, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather in the north seems likely to become finer, but the shallow local depressions forming over the Channel are likely to cause very much rain over the south of England, with light varying SE^{ly} to NE^{ly} winds.

FORECASTS

For the 24 hours ending at NOON on 24TH AUGUST 1893.

DISTRICTS.

FORECASTS.

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

Varying SW^{ly} and W^{ly} breezes; changeable, some showers.
 SW^{ly} and varying breezes, light; fine to rainy.
 Same as Nos 0 to 2.
 Varying airs; dull, very rainy.

DISTRICTS.

FORECASTS.

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

WARNINGS

Same as Nos 0 to 2.
 Varying breezes; with rain, then fine.
 SW^{ly} to NW^{ly} breezes; fair generally.
 The Cone is lowered in far west this morning.

Note.—The South Cone; point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone; point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.60	62	58	SSW	8	c	5	Valencia ...	29.77	65	59	SW	5	bcp	5
Sumburgh Head ...	29.92	56	54	WSW	6	o	6	Scilly ...	29.87	66	60	WSW	4	c	4
Stornoway ...	29.46	55	52	SW	3	c	3	Jersey ...	29.96	73	65	SW	5	b	4
Aberdeen ...	29.51	66	56	SSW	5	bcp	4	Hurst Castle ...	29.89	68	65	SW	4	bc	4
Shields ...	29.61	64	56	SSW	3	o	2	Dungeness ...	29.90	70	65	SW	5	bc	4
Ardrossan ...	29.56	59	58	SSW	3	c	3	North Foreland ...	29.87	69	64	SW	6	c	4
Malin Head ...	29.54	59	56	WSW	4	o	2	London ...	29.84	71	61	SSW	5	cq	*
Mullaghmore ...								Yarmouth ...	29.82	65	62	SW	3	op	3
Behmullet ...	29.61	63	58	WSW	4	b	*	Rochefort ...	30.06	78	69	W	3	bc	*
Holyhead ...	29.65	63	60	SW	5	bpc	5								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over all the S^W and S^E countries of Europe, as well as over Denmark; cloudy and very changeable in the N.W. and N., with rain at Archangel, Rodo, Sumburgh H^d and several parts of the British Islands. Showers falling later over the British Islands generally, and considerable quantities of rain over Brittany and the Channel Islands, thunderstorms at Spurn Head, Fano and Lyons.

Temperature decreasing over N.W. Europe. Morning readings still exceeding 70° at the most S^W of the Continental Stations - 81° at Trieste, 83° at Barcelona; lowest 46° at Archangel, 54° at S^t. Petersburg, 58° at Kuopio and Moscow; (2) 55° at Sumburgh H^d and Stornoway, 57° at Malin H^d, 59° at Behmullet, Valencia and Roches H^t. Rising later to between 70° and 74° over England and the N. of France to 84° at Berlin, and to between 80° and 88° over the S. of France and in Portugal.

Wind very light and variable over the S^W, S^E and E countries, moderate to strong in the W. and N.W. mainly S.W. over the British Islands and North Sea, S.W. over the Baltic, S.E. over Lapland and Finland. Blowing strong and squally over the Channel and S. of England later, no great change elsewhere.

Barometer Highest 30.5 ins. and more to 29.9 ins. over nearly the whole of the Continent - the Baltic and Scandinavia being excepted. Lowest 29.1 ins. and less in a depression lying to the N.W. of Sumburgh H^d, and below 29.7 ins. in a shallow secondary system over the S. of Ireland. Both systems moving N.W. later, and the barometer rising fast in Scotland, more gradually over England.

General Remarks on the Weather over Europe for 24 hours ended at 8 a.m. on Aug: 21st/93.

Weather in morning fine, bright, and quiet over Eastern, Central, southern and southernmost Europe, and the Mediterranean; changeable over the British Islands, their neighbourhood, and northern Europe, with rain at several of the most northern stations. Rain falling later in nearly all parts of the United Kingdom, at Lishant, and over the most northern parts of the Continent, slight local showers in a few localities - the fall heavy over Ireland; thunder and lightning in south Germany.

Temperature risen decidedly over Russia and Central Europe and on the northern shores of the Mediterranean. Morning readings highest 80° to 84° at several of the Mediterranean stations, and above 70° at the others, as well as at Berlin and Wiesbaden. Below 60° in the extreme northwest and north, and lowest 51° at Archangel and Rodo, 55° at Uleaborg, 58° at Sumburgh H^d and Stornoway. Rising later to between 70° and 78° over England, to 92° at Belfort and 95° at Lyons and in some parts of Algeria.

Wind very light and variable (anticyclonic) over Eastern, Central, and southern Europe; moderate to strong and gusty in the northwest - SW to W on our western coasts, S over Great Britain, SE in the west of Norway; S over the Baltic also, but of little strength. Backing to S. again in Ireland later, falling light over England and veering a little.

Barometer highest 30.3 ins. and more to 30.1 ins. over all the southeastern parts of the Continent, and exceeding 30.0 ins. over Spain, France and Germany. Lowest 29.3 ins. and less off the extreme northwest of Scotland, and below 29.6 ins. over the east of Lapland. Changing little and irregularly over northernmost Europe during day, falling in southeast. A decided fall setting in over Ireland in afternoon.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on THURSDAY, 24TH AUGUST. 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	Barom.	Temp.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
			Reading at 32° F. and Sea Level.	Change since Yester- day Morn.			Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Max.			Min.				
	Inch.	°		Force (0 to 12)		Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Haparanda ...	29.73	55	SE	2	7	29.69	-0.1	51	51	-6	ENE	4	0	*	7	61	5	1.69	
	Hernösand ...	29.53	56	SE	0	bc	29.60	-0.5	57	55	-1	N	2	0	*	bc	64	44	—	
	Stockholm ...	29.74	60	SW	2	0	29.70	-0.10	61	57	-2	SW	2	0	*	0	70	55	0.04	
	Wisby ...	29.86	63	SW	4	bc	29.82	-0.5	60	55	-5	WSW	4	bc	*	bc	72	55	—	
	Bodö ...	29.73	55	N	2	bc	29.72	+0.8	50	50	-4	SW	4	7	2	bc	61	50	0.43	
	Christiansund...	29.77	55	WNW	3	7	29.77	+0.16	54	51	-5	2	0	bc	3	7	52	50	0.04	
	Skudesnaes ...	29.89	57	ENE	1	bc	?	?	57	54	?	SE	6	7	4	bc	63	54	?	
	Christiania Fjord (Farder)	29.73	64	N	5	bc	29.71	0.0	57	53	-4	WNW	3	bc	4	bc	64	55	—	
	Skagen (The seaw)	29.73	62	N	3	c	29.73	+0.1	58	56	-2	WSW	3	c	0	c	66	54	0.08	
	Fanö ...	29.91	62	WNW	4	bc	29.78	-0.8	61	57	-1	N	4	bc	*	bc	72	53	0.24	
BRITISH ISLANDS.	Sumburgh Head	29.67	55	WNW	2	c	29.63	+0.4	56	54	+2	2	0	c	3	bc	57	55	0.19	
	Stornoway ...	29.63	53	N	3	c	29.72	+0.8	53	53	-2	SW	2	bc	2	7.5	53	42	0.20	
	Wick ...	29.66	57	N	2	bc	29.70	+0.2	55	54	-2	WNW	3	bc	2	bc	64	44	0.06	
	Nairn ...	29.68	60	N	1	bc	29.73	+0.5	52	51	-5	SW	1	c	1	bc	64	45	0.10	
	Aberdeen ...	29.71	59	SW	2	bc	29.74	0.0	53	49	-3	WNW	2	0.75	1	bc	64	46	0.16	
	Leith ...	29.74	61	SW	1	0	29.75	+0.2	54	52	-5	N	3	c	*	0	64	51	0.08	
	Shields ...	29.80	63	SW	2	c	29.80	0.0	54	52	-3	SW	3	c	2	bc	64	45	0.12	
	Spurn Head ...	29.83	66	N	3	c	29.88	-0.1	61	58	-3	WNW	5	bc	4	bc	71	53	—	
	York ...	29.85	65	WNW	2	bc	29.87	-0.1	58	54	-1	SW	3	bc	*	bc	70	51	—	
	Loughborough	29.83	67	WNW	2	bc	29.87	+0.3	57	54	-1	SW	4	bc	*	bc	74	52	—	
GERMANY & HOLLAND.	Ardrossan ...	29.76	59	SW	3	c	29.78	+0.7	57	55	0	N	3	bc	2	0.5	63	52	0.15	
	Malin Head ...	29.73	58	WNW	4	bc	29.80	+0.9	56	53	+1	WNW	5	bc	3	bc	61	51	0.42	
	Mullaghmore ...	29.76	57	SW	5	7	29.96	+0.8	59	57	+2	N	4	bc	*	bc	61	53	0.51	
	Belmullet ...	29.81	57	SW	4	bc	29.85	+0.9	58	55	-2	WNW	3	bc	2	bc	69	52	0.11	
	Donaghadee ...	29.81	57	SW	4	bc	29.85	+0.9	58	55	-2	WNW	3	bc	2	bc	69	52	0.11	
	Liverpool (Bldston)	29.86	63	WNW	3	c	29.90	+0.4	60	55	+1	WNW	6	bc	5	c	66	54	0.02	
	Holyhead ...	29.87	58	SW	4	c	29.93	+0.9	62	57	0	N	5	bc	4	bc	65	56	0.10	
	Parsonstown ...	29.76	55	SE	1	c	29.98	+0.2	61	54	+3	2	0	0.7	*	c	63	52	0.25	
	Valencia ...	29.94	61	SW	4	bc	30.11	+0.20	60	57	+1	WNW	4	c	4	bc	62	53	0.24	
	Roche's Point	29.93	62	N	4	bc	30.10	+0.18	60	56	0	N	3	bc	3	bc	64	53	0.10	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.93	61	WNW	5	bc	30.05	+0.14	62	57	0	N	5	bc	5	bc	64	58	0.03	
	Scilly ...	30.04	63	N	4	c	30.15	+0.18	63	58	0	WNW	4	c	3	c	70	57	0.04	
	Prawle Point ...	30.02	61	WNW	4	bc	30.14	+0.16	60	55	+2	WNW	3	c	2	bc	67	57	—	
	Jersey (St. Aubin's)	30.06	65	WNW	4	bc	30.13	+0.20	65	60	-1	N	4	c	3	bc	68	61	—	
	Hurst Castle ...	29.97	66	WNW	4	bc	30.12	+0.15	64	60	+4	N	5	bc	3	bc	66	58	0.38	
	Dungeness ...	29.93	66	WNW	4	cm	30.06	+0.8	66	60	+3	WNW	4	bc	3	cm	70	53	—	
	North Foreland	29.89	64	N	1	c	30.23	+0.6	65	63	+2	N	5	bc	3	bc	70	54	—	
	London ...	29.93	64	WNW	2	c	30.06	+0.9	61	57	-3	WNW	3	bc	*	bc	66	51	0.32	
	Oxford ...	29.97	60	SW	2	bc	30.05	+0.9	60	55	+1	WNW	2	bc	*	bc	70	55	—	
	Cambridge ...	29.90	63	SW	2	bc	30.22	+0.4	59	58	+1	SW	6	bc	*	bc	65	49	0.20	
PENINSULA.	Yarmouth ...	29.88	61	WNW	1	bc	29.96	0.0	60	55	0	N	4	bc	3	bc	69	51	0.03	
	Cuxhaven ...	30.02	64	NNE	2	bc	29.90	-0.3	64	61	-1	WNW	3	c	*	bc	71	62	—	
	Berlin ...	30.01	71	NW	2	0	29.89	-0.7	62	62	-4	SW	3	0	*	bc	81	63	0.04	
	Wiesbaden ...	30.04	70	N	3	*	30.04	-0.3	67	65	+4	2	0	bc	*	bc	81	53	—	
	Munich ...	30.16	78	N	4	c	30.14	-0.8	73	65	+3	SW	4	bc	*	c	86	64	0.04	
	The Helder ...	29.95	65	S	1	0	30.00	-0.4	64	58	0	N	5	bc	3	0	70	63	—	
	Brussels (9 a.m.)	*	*	*	*	*	30.09	*	62	58	*	WNW	4	bc	*	0	68	53	0.08	
	Cape Gris Nez	29.95	65	WNW	3	0	30.01	+0.4	61	61	-1	WNW	5	bc	5	0	70	55	—	
	Paris ...	30.01	72	NW	2	c	30.17	+0.7	63	59	-1	N	2	bc	*	c	84	53	—	
	Brest ...	30.01	59	N	2	c	30.17	+0.7	62	60	+3	WNW	2	c	2	c	72	56	—	
PENINSULA.	Lorient ...	30.08	67	WNW	5	c	30.21	+0.22	62	59	-6	WNW	3	c	2	c	70	61	—	
	Rocheport ...	30.06	74	NW	3	bc	30.17	+0.14	67	65	+1	NW	4	c	*	bc	81	63	—	
	Belfort ...	30.03	73	N	2	bc	30.17	?	67	62	-2	N	3	bc	*	bc	81	56	—	
	Lyons ...	30.02	80	NE	1	bc	30.12	+0.2	72	64	0	WNW	3	c	*	bc	84	68	—	
	Nice ...	30.09	76	SE	1	bc	30.10	-0.2	74	65	+2	2	0	bc	*	bc	84	70	—	
	Perpignan ...	30.08	76	NW	2	bc	30.17	+0.14	71	69	-1	E	2	0	3	bc	82	68	—	
	Biarritz ...	30.08	76	NW	2	bc	30.17	+0.14	71	69	-1	E	2	0	3	bc	82	68	—	
	Corunna ..	30.03	*	*	*	*	30.06	+0.3	76	65	+3	NE	2	bc	*	bc	91	70	—	
	Lisbon ...	30.03	77	N	4	bc	30.06	+0.3	76	65	+3	NE	2	bc	*	bc	91	70	—	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 24th August 1893.

BAROMETER, WIND AND 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

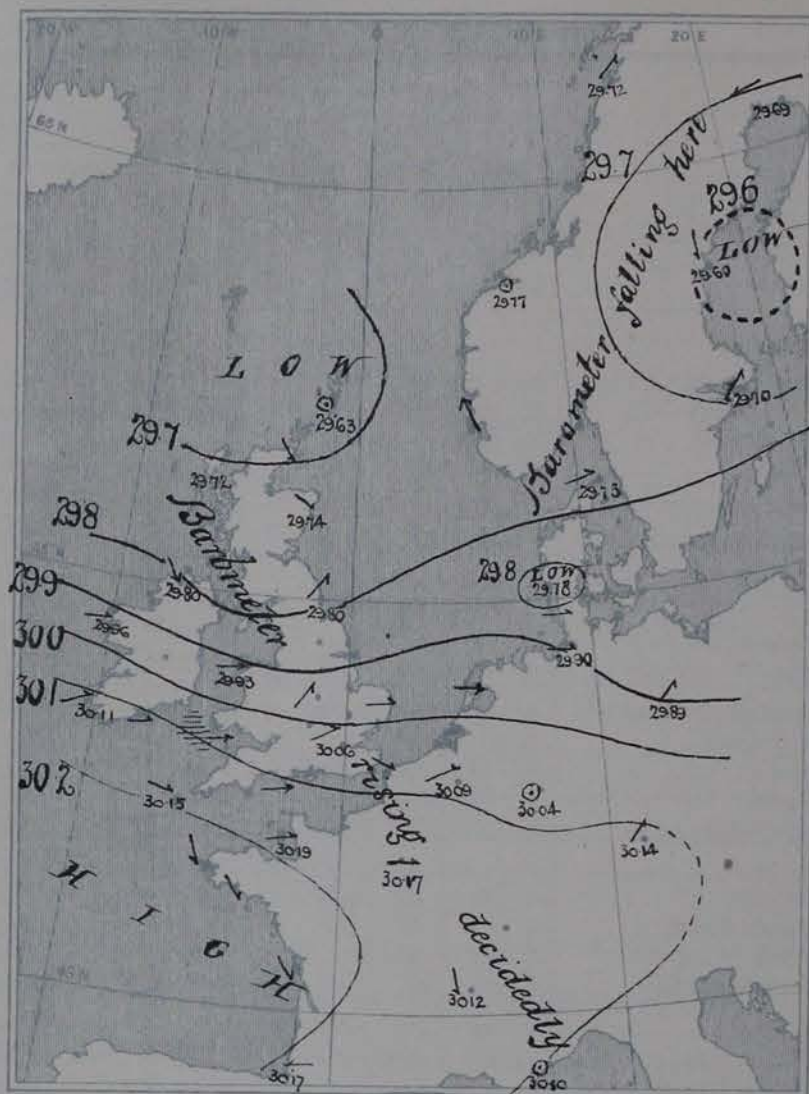
at 8 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.957
Mullaghmore	29.968
Donaghadee	29.979
Holyhead	29.997
Liverpool	29.996
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.985
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
Yarmouth	29.928



TEMPERATURE, & WEATHER AT 8 A.M., WITH RAINFALL IN PAST 24 HOURS.

TEMPERATURE—Isotherms are drawn for each 1°. 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.	Dry, at 8 a.m.	Wet, at 8 a.m.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.0	53.2	3.07
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.0	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	53.3	3.94
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	53.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: and more to 30.0 in: over the Bay of Biscay, France, south Germany, and the southern parts of our Islands.
 Lowest, 29.6 in: in a depression near Hunsand, and 29.7 in: and less in another to the northward of our Islands.
 Gradients moderate for W^y (SW to NW) winds over our Islands.
 Barometer rising unsteadily in most places.

TEMPERATURE

Highest, 76° at Lubeck, 70° to 74° over the southern parts of France; 60° to 66° over the south of our Islands.
 Lowest, 50° at Aberdeen, 52° at Nain, 55° to 56° in the north and west of Scotland, and at Malin Head.
 The maxima recorded yesterday scarcely exceeded 70° in any part of our Islands, and the night was cold (49° to 51°) over England.

WIND

W^y (SW to NW) over the United Kingdom and North Sea, light at the northern stations, moderate in the west, fresh and gusty in the east and southeast.
 It is light W^z over France, NW over the Bay of Biscay.
 NE^z on the coast of Spain and Portugal.

WEATHER

Fine and bright over Spain and France, very changeable elsewhere—showers alternating with bright intervals in almost all districts.
 Showers have fallen over almost all parts of our Islands and the North Sea.
 A steady rain fell yesterday morning over a considerable part of our southern countries.

SEA

Rather rough on the northwest coast of England and North Wales, slight as a whole elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Further showers are likely to fall over our Islands today—the intervals between them being bright; and a clear cold night is probable over England.

FORECASTS

For the 24 hours ending at NOON on 25TH AUGUST, 1893.

DISTRICTS.

FORECASTS.

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

Varying SW^y to NW^y winds; showery, changeable, cool.
 SW^y to NW^y winds, fresh; squally, sharp passing showers, bright intervals, temperature rather low.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 to 2.

W^y and NW^y winds; showery, bright intervals, rather cold at night.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudegnaes ...								Valencia ...	29.94	60	56	SW	4	c	4
Sumburgh Head	29.67	56	54	W	2	c	4	Scilly ...	30.01	60	60	W	4	c	3
Stornoway ...	29.64	55	54	SW	2	7	3	Jersey ...	30.03	63	63	W	3	c	3
Aberdeen ...	29.73	58	55	S	2	0	2	Hurst Castle	29.98	63	61	W	2	bc	2
Shields ...	29.77	66	58	SW	4	c	2	Dungeness...	29.96	70	65	SW	3	c	2
Ardrossan ...	29.76	60	56	SW	3	0	3	North Foreland...	29.93	70	64	S	5	bc	4
Malin Head ...	29.73	60	55	W	4	bc	3	London ...	29.97	60	58	SE	1	0	*
Mullaghmore ...								Yarmouth ...	29.94	65	60	WNW	1	c	3
Belmullet ...	29.80	61	56	SW	3	b	*	Rochefort ...	30.06	72	72	W	4	b	*
Holyhead ...	29.88	64	58	SW	5	bc	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning very fine over the Mediterranean, southern, southeastern, and central Europe, changeable and unsettled over the more northern countries, with showers in several localities, steady rain over part of the Channel and south of England. Last named fall continuing for several hours and travelling northward, passing showers over many over part of our Islands and the North Sea. Lightning or thunder at Sicily, Aberdeen and Lyons, but weather over France generally remaining fine.

Temperature decreasing slowly and unsteadily. Morning readings 80° or more at ^{Trieste} Barcelona, Brindisi, La Calle, and Aumale, and above 70° over southern Europe generally, as well as at Prague and Piacenza. Lowest 46° at Archangel, 54° at ^{St. Petersburg} and Lumburgh 44°, 55° at Malin 44°, 58° at Belmullet, Ardrossan, Hermand, and St. Petersburg. Slightly exceeding 70° over England later, touching 81° at Berlin, 84° at Paris, 88° at Belfast, 91° at Lisbon. Succeeding night cold over England.

Wind very light and variable over all the southern and eastern countries, moderate in the northwest and north. Mainly SW¹ over the United Kingdom, W¹ over North Germany and the Baltic, but SE¹, light to calm over the extreme north of Europe. Very variable axis over the English Channel, subsequently giving way to a moderate breeze from WSW.

Barometer highest 30.2 ins: and more at Munich, and exceeding 30.0 ins: over the whole of southern, central, and southeastern Europe. Lowest 29.6 ins: and less off the extreme north of our Islands and the west of Norway. Gradients moderate but very irregular owing to local depressions of slight intensity over the United Kingdom and the Channel. Rising at our southwestern stations later, changing little and irregularly elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Friday 25th August, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.									
		Ins.	°			Ins.	°	°	°					Ins.							
SCANDINAVIA.	Haparanda ...	29.68	55	E	2	c	29.67	-0.2	57	53	+	6	E	2	b	#	61	50	—		
	Hernösand ...	29.57	57	Z	0	o	29.54	-0.6	57	54	+	0	NN	4	c	#	66	48	—		
	Stockholm ...	29.59	57	SW	2	c	29.51	-1.9	56	55	—	5	NNW	2	r	#	66	?	—		
	Wisby ...	29.66	58	NN	4	c	29.59	-1.23	57	55	—	3	NNW	4	b	#	66	55	0.08		
	Bodo ...	29.68	51	Z	0	f	29.70	-0.2	53	50	+	3	Z	0	o	0	73	50	0.04		
	Christiansund...	29.77	53	NNW	2	b	29.86	+0.9	53	50	—	1	NN	3	o	3	67	52	0.04		
	Skudesnaes ...	29.71	59	W	2	o	29.86	?	58	53	+	1	NNW	6	b	2	59	55	—		
	Christiania Fjord (Færdler)	29.63	61	W	3	c	29.70	-0.1	58	53	+	1	NN	3	b	3	61	55	—		
	Skagen (The Seaw)	29.71	60	W	3	b	29.68	-0.5	60	56	+	2	NNW	3	b	1	63	55	0.28		
	Fanö ...	29.83	58	W	6	c	29.84	+0.6	59	56	—	2	NN	7	cp	#	66	55	0.08		
BRITISH ISLANDS.	Sumburgh Head	29.75	54	NNW	2	c	29.91	+0.28	54	52	—	2	NNW	2	c	2	57	46	—		
	Stornoway ...	29.87	59	W	2	c	30.04	+0.22	55	53	—	0	N	4	c	4	62	50	0.03		
	Wick ...	29.89	55	N	2	b	30.00	+0.30	54	52	—	1	N	3	b	2	61	42	0.03		
	Nairn ...	29.90	61	NNW	1	c	30.05	+0.32	57	51	+	5	SW	1	c	1	64	50	0.39		
	Aberdeen ...	29.91	56	NN	2	b	30.06	+0.32	58	52	+	8	W	3	b	1	61	47	0.16		
	Leith ...	29.94	60	W	3	b	30.11	+0.36	57	54	+	3	W	3	b	#	67	51	—		
	Shields ...	29.94	63	W	3	b	30.12	+0.32	57	53	+	3	W	3	b	2	65	49	0.05		
	Spurn Head ...	29.99	62	W	5	b	30.15	+0.27	59	55	—	2	W	4	b	3	65	55	—		
	York ...	30.05	61	NNW	2	b	30.18	+0.31	59	55	+	1	W	2	b	#	65	51	0.01		
	Loughborough	30.09	64	W	2	c	30.25	+0.28	57	54	—	2	W	4	b	#	69	51	0.09		
GERMANY & HOLLAND.	Ardrossan ...	29.97	61	W	4	b	30.14	+0.36	61	56	+	3	W	4	b	3	64	54	0.02		
	Malin Head ...	30.00	57	W	5	o	30.18	+0.38	56	51	—	0	NN	4	o	2	61	55	0.03		
	Mullaghmore ...																				
	Belmullet ...	30.11	59	W	4	o	30.30	+0.24	59	54	—	0	NNW	2	b	#	62	51	0.01		
	Donaghadee ...	30.06	59	SW	4	c	30.22	+0.37	58	55	—	0	NN	4	b	2	66	55	0.06		
	Liverpool (Bldston)	30.04	61	W	5	c	30.24	+0.34	59	57	—	1	W	5	c	4	65	56	0.01		
	Holyhead ...	30.09	61	W	3	b	30.25	+0.32	59	56	—	3	NNW	4	b	3	67	54	—		
	Parsonstown ...	30.14	61	SW	1	b	30.30	+0.32	55	53	—	6	Z	0	c	#	65	48	0.30		
	Valencia ...	30.24	62	WSW	3	cm	30.34	+0.23	59	58	—	1	Z	0	og	#	64	56	—		
	Roche's Point	30.22	64	NNW	3	b	30.34	+0.24	61	58	+	1	NNW	1	b	2	67	55	—		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.16	62	W	5	b	30.31	+0.26	60	55	—	2	NN	3	b	4	64	58	—		
	Scilly ...	30.28	64	NNW	3	b	30.34	+0.19	63	60	—	0	NNW	1	c	0	68	58	—		
	Prawle Point ...	30.22	62	WSW	4	b	30.33	+0.19	60	58	—	0	WSW	2	c	1	66	55	—		
	Jersey (St. Aubin's)	30.25	66	W	4	b	30.35	+0.16	65	60	—	0	NNW	3	b	3	69	56	—		
	Hurst Castle ...	30.17	67	NN	6	b	30.30	+0.18	65	60	+	1	NNW	3	b	3	70	55	—		
	Dungeness ...	30.09	66	W	6	b	30.25	+0.19	64	58	—	2	NN	3	b	2	70	50	—		
	North Foreland	30.07	68	W	5	b	30.23	+0.20	62	57	—	3	NNW	4	b	3	72	53	—		
	London ...	30.11	67	W	3	b	30.27	+0.21	59	55	—	2	W	2	b	#	71	50	—		
	Oxford ...	30.17	59	WSW	2	b	30.27	+0.22	59	55	—	1	NN	1	b	#	70	50	—		
	Cambridge ...	30.08	66	WSW	4	c	30.25	+0.23	59	54	—	0	WSW	3	b	#	71	52	—		
PENINSULA.	Yarmouth ...	30.02	65	NNW	4	b	30.19	+0.23	59	56	—	1	NNW	2	b	2	68	50	—		
	Cuxhaven ...	29.97	59	W	4	b	29.99	+0.09	59	57	—	5	NN	6	c	#	69	59	0.12		
	Berlin ...	29.98	62	W	3	b	29.97	+0.08	59	54	—	6	W	6	c	#	73	55	0.04		
	Wiesbaden ...	*	*	*	*	*	30.22	+0.18	61	56	—	6	W	2	b	#	73	61	—		
	Munich ...	30.21	62	NN	5	r	30.29	+0.15	60	55	—	13	W	5	b	#	82	57	0.32		
	The Helder ...	30.04	64	W	6	b	30.17	+0.17	62	57	—	2	NNW	5	b	3	68	61	—		
	Brussels (9 a.m.)	*	*	*	*	*	30.25	+0.16	60	59	—	2	WSW	2	b	#	71	52	—		
	Cape Gris Nez	30.09	63	W	5	b	30.19	+0.18	59	57	—	2	NN	3	b	3	66	57	—		
	Paris ...	30.22	69	NN	2	b	30.22	+0.15	57	54	—	6	?S	1	b	#	76	51	—		
	Brest ...	?	70	NNW	2	c	?	?	59	57	—	3	N	2	b	2	73	55	—		
FRANCE AND BELGIUM.	Lorient ...	30.26	67	W	4	c	30.34	+0.13	59	57	—	3	NE	4	b	2	73	57	—		
	Rochefort ...	30.19	70	NN	4	b	30.25	+0.08	61	56	—	6	ENE	4	b	#	79	55	—		
	Belfort ...																				
	Lyons ...	30.14	75	N	1	b	30.25	+0.13	65	55	—	7	N	2	b	#	86	61	—		
	Nice ...	30.03	77	SW	2	b	30.18	+0.08	75	71	+	1	Z	0	b	#	86	60	—		
	Perpignan ...	30.11	80	NE	2	b	30.18	+0.08	74	68	+	1	Z	0	b	#	91	67	—		
	Biarritz ...	30.18	75	NNE	4	b	30.19	+0.02	69	67	—	2	SE	1	b	#	79	66	—		
	Corunna ...	*	*	*	*	*															
	Lisbon ...	30.08	78	SW	2	b	30.13	+0.07	68	66	—	8	SW	3	a	#	93	68	—		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 25th August, 1893.

BAROMETER, WIND AND 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 about 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

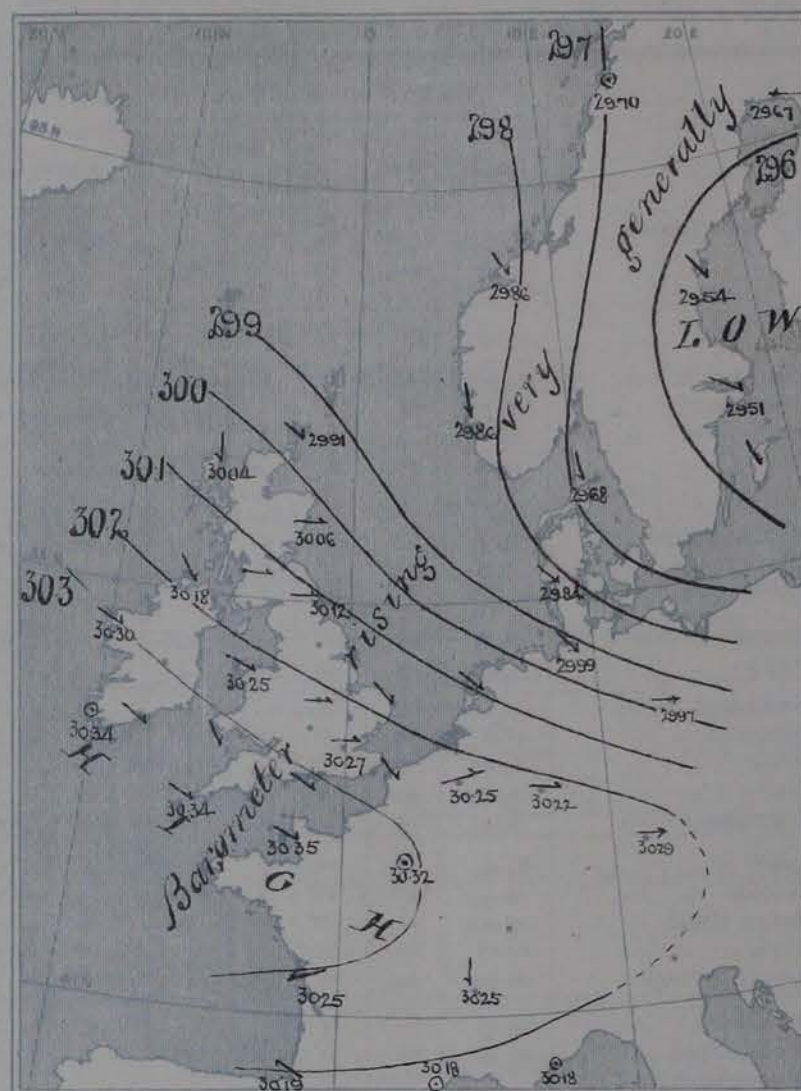
at 8 A.M. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
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Nairn	29.819
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Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.937
Mullaghmore	29.958
Donaghadee	29.979
Holyhead	29.987
Liverpool	29.990
Parsonstown	29.990
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.932
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.985
Dover	29.946
LONDON	29.954
Oxford	29.948
Cambridge	29.937
Yarmouth	29.928



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.5 ins. over the Bay of Biscay, Spain, France, S. Germany and our Islands.
Lowest 29.6 ins. and less over the Gulfs of Bothnia and Finland and the Baltic.

Gradients mainly favourable for NW² winds over our Islands and the North Sea, and for NE² over France and Spain.

Barometer still rising slowly — most in the north and east.

TEMPERATURE

Highest 74° at Perpignan, 75° at Nice, but below 70° elsewhere, 65° at Jersey & Hurst Castle, 63° at Sully.
Lowest 53° at Bodø and Christiansund, 54° at Sumburgh H^o and Wick, 55° at Stornoway, 56° at Malin H^o.

The maxima recorded yesterday again exceeded 70° over our southern counties and the N. of France, and touched 76° at Paris, 86° at Lyons and Nice, 91° at Perpignan, 93° at Lisbon. Over the Nth half of Scotland they barely exceeded 60°.

WIND

W² to NW² over our Islands and the North Sea — light at our SWth and Sth stations, moderate in the N.W. and N.E., and strong on the Eth side of the German Ocean.

In the W. of France they were light from the Eth, in Germany W², and strong.

WEATHER

Showery at Fano and Stockholm, dull in the N.W. of Norway. Very fine over our Islands & France.

Some rain has fallen at our NWth and Nth stations, as well as over Scandinavia, the Baltic and Germany; none at our SWth or Sth stations, nor over France. Heavy dew fell over England in the night.

SEA

Moderate at the mouth of the Mersey, slight or smooth at all other stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is very fine, quiet and settled.

FORECASTS

For the 24 hours ending at NOON on 26TH AUGUST. 1893.

DISTRICTS.

FORECASTS.

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

W² and NW² breezes; fair generally.

W² and NW² breezes, light; fine, warm today, cold tonight, perhaps hazy inland.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 to 2.

NW² breezes, light; fine, warm today, cold inland, and perhaps foggy tonight.

WARNINGS

None Issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.89	59	56	W	2	c	3	Valencia ...	30.21	63	59	W	3	bcv	4
Sumburgh Head ...	29.69	54	52	NNE	3	r	2	Scilly ...	30.22	67	62	WNW	4	bc	3
Stornoway ...	29.82	60	54	W	3	bc	3	Jersey ...	30.25	68	61	W	4	bc	3
Aberdeen ...	29.83	60	55	WNW	3	c	2	Hurst Castle ...	30.15	69	64	WSW	7	bc	6
Shields ...	29.98	61	57	WNW	3	cp	3	Dungeness ...	30.07	67	62	W	6	bc	5
Ardrossan ...	29.92	64	58	W	4	b	3	North Foreland ...	30.06	69	62	W	6	b	4
Malin Head ...	29.95	61	56	W	5	bc	4	London ...	30.08	71	60	WSW	4	bc	#
Mullaghmore ...								Yarmouth ...	29.99	65	57	WNW	5	bc	3
Belmullet ...	30.06	61	57	W	3	b	#	Rochefort ...	30.20	76	75	NW	3	bc	#
Holyhead ...	30.05	63	59	WSW	4	bc	4								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over S.E.^m, and the greater part of S.^m and central Europe, as well as England, cloudy and changeable over the N.^m countries, with rain in a few places, and thunder at Fionn. Showers prevailing later over Germany, Denmark and the Baltic, as well as over the N.^m and N.W.^m parts of the United Kingdom, with thunder on the E.^m shores of the North Sea. Lunar halo seen over England.

Temperature exceeding 80° at Barcelona, Trieste and Brindisi, and exceeding 70° over S.^m Europe generally, as well as at Breslau, below 60° over most of the N.^m countries. Lowest of all 49° at Archangel, 50° at Porto and Aberdeen, 52° at Narvik, 54° at Shields. Rising later to between 69° and 71° over the greater part of England, to 76° at Paris, 82° at Munich, 86° at Lyons and Nice, and 93° at Lisbon. Succeeding night very cool.

Wind continuing very light and variable over the E.^m and S.^m countries; NE.² over Spain, N.² to W.² over France; chiefly NW.² to SW.² (and variable) over the United Kingdom, W.² and SW.² over Germany and the Baltic, SE.² to E.² over Finland and the N.^m parts of the Gulf of Bothnia.

Barometer highest 30.2 ins. and more over the Bay of Biscay and W. of France, and exceeding 30.0 ins. over the whole of S.W.^m, S.^m and S.E.^m Europe. Lowest 29.7 ins. and less off the N. of Scotland, 29.6 ins. to 29.7 ins. over Sweden and the Gulf of Bothnia, and below 29.9 ins. over the S.E. of Russia. Rising decidedly over the United Kingdom later. No important change elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on SATURDAY, 26th AUGUST.

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.	°	°	°							°	Ins.			
SCANDINAVIA.	Haparanda ...	29.69	54	NE	2	0	29.76	+0.07	57	49	-6	ENE	4	C	#	0	63	50	—		
	Hernösand ...	29.66	56	NE	4	0	29.72	+0.06	56	51	-1	NW	4	0	#	0	64	52	—		
	Stockholm ...	29.54	53	WNW	4	7	29.58	+0.04	56	56	0	WNW	4	0	#	0	53	52	0.09		
	Wisby ...	29.57	60	N	6	bc	29.55	-0.02	58	53	+1	N	4	C	#	bc	61	54	0.59		
	Bodö ...	29.77	51	2	0	f	29.82	+0.05	49	49	-4	WNW	2	7	#	f	54	48	—		
	Christiansund...	29.93	52	NW	2	7	29.97	+0.04	53	51	0	SW	1	C	3	7	53	50	0.35		
	Skudesnaes ...	29.91	56	NW	4	C	29.90	+0.01	53	51	-5	WNW	4	0	2	C	53	50	—		
	Christiania Fjord (Færdier)	29.75	63	WNW	4	C	29.80	+0.05	58	51	0	N	6	6	3	C	63	52	—		
	Skagen (The Scaw)	29.74	53	NW	2	bc	29.78	+0.04	53	53	-1	NE	2	bc	1	bc bl	68	53	—		
	Fanö ...	29.95	57	NW	6	bc	29.89	+0.06	56	54	-3	NW	4	C	#	bc	66	54	0.20		
BRITISH ISLANDS.	Sumburgh Head	30.01	49	NW	4	C	30.07	+0.06	53	50	-4	N	1	0	2	C	57	47	0.02		
	Stornoway ...	30.18	56	NW	3	bc	30.21	+0.03	53	54	0	NW	4	7	4	bc	53	50	0.05		
	Wick ...	30.13	55	N	3	C	30.15	+0.02	53	52	-1	N	2	0	2	C	53	46	0.03		
	Nairn ...	30.18	55	N	1	C	30.18	+0.00	53	53	-4	N	1	0	1	C	61	50	—		
	Aberdeen ...	30.15	53	NW	4	C	30.19	+0.04	54	51	-4	NW	2	C	2	C	61	50	0.03		
	Leith ...	30.15	62	WNW	2	bc	30.20	+0.05	57	53	0	N	4	0	#	bc	66	51	—		
	Shields ...	30.15	60	N	2	C	30.21	+0.06	55	52	-2	N	2	C	2	bc	66	49	0.03		
	Spurn Head ...	30.16	62	WNW	4	bc	30.20	+0.04	56	54	-3	WNW	4	C	3	bc	65	54	—		
	York ...	30.20	61	N	2	bc	30.23	+0.03	55	52	-4	WNW	1	6	#	bc	68	50	—		
	Loughborough	30.25	64	WNW	4	bc	30.28	+0.03	57	52	-3	WNW	2	over	#	bc	68	49	—		
GERMANY & HOLLAND.	Ardrossan ...	30.22	53	N	4	bc	30.23	+0.01	53	53	-3	N	2	0	2	bc	65	53	—		
	Malin Head ...	30.27	58	NW	4	bc	30.29	+0.02	53	53	+2	WNW	4	of	2	bc	60	54	0.03		
	Mullaghmore ...	30.27	60	WNW	1	bc	30.28	+0.01	57	53	-2	N	2	0	#	bc	62	46	—		
	Belmullet ...	30.26	60	NW	4	C	30.31	+0.05	57	53	-1	WNW	4	bc	2	bc	66	56	—		
	Donaghadee ...	30.26	60	NW	4	C	30.31	+0.05	57	53	-1	WNW	4	bc	2	bc	66	56	—		
	Liverpool (Bidston)	30.28	60	N	4	0	30.29	+0.01	53	53	-1	N	4	C	3	0	63	56	—		
	Holyhead ...	30.29	53	N	2	bc	30.31	+0.02	53	53	0	NW	2	C	2	bc	65	53	—		
	Parsonstown ...	30.32	64	2	0	bc	30.33	+0.01	48	49	-7	NE	1	C	#	bc	66	41	—		
	Valencia ...	30.35	61	2	adm	adm	30.31	-0.04	61	61	+2	2	0	7	1	adm	63	58	0.25		
	Roche's Point	30.35	62	SW	1	7	30.36	+0.01	60	60	-1	SE	1	7	2	7	64	58	0.04		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.32	61	NW	3	bc	30.32	+0.00	60	58	0	E	1	bc	2	bc	63	56	—		
	Scilly ...	30.34	65	NNE	1	C	30.33	-0.01	65	60	+2	E	1	C	1	bc	68	53	—		
	Prawle Point ...	30.32	62	NW	2	bc	30.33	+0.01	65	60	+5	WNW	1	C	0	bc	68	53	—		
	Jersey (St. Aubin's)	30.32	66	NW	2	bc	30.32	-0.00	64	57	-1	NE	2	bc	3	bc	69	58	—		
	Hurst Castle ...	30.28	66	NW	2	bc	30.31	+0.03	60	57	-5	WNW	1	bc	1	bc	73	48	—		
	Dungeness ...	30.21	63	N	2	C	30.23	-0.02	59	54	-5	N	2	bc	2	bc	75	47	—		
	North Foreland	30.19	66	NW	2	bc	30.21	-0.02	59	56	-3	NW	4	bc	3	bc	68	54	—		
	London ...	30.23	67	NW	2	bc	30.28	+0.05	57	54	-2	NW	2	bc	#	bc	71	46	—		
	Oxford ...	30.28	60	N	2	bc	30.30	+0.02	56	53	-3	WNW	2	bc	#	bc	70	46	—		
	Cambridge ...	30.22	65	WNW	1	bc	30.26	+0.04	57	54	-2	N	3	bc	#	bc	65	40	—		
PENINSULA.	Yarmouth ...	30.18	63	NW	1	bc	30.20	+0.02	58	53	-1	NW	2	bc	2	bc	66	56	—		
	Cuxhaven ...	30.06	59	NW	5	C	29.99	-0.07	58	56	-1	N	5	bc	#	C	63	57	0.08		
	Berlin ...	30.01	62	WNW	5	bc	29.98	-0.03	56	53	-3	WNW	4	C	#	bc	66	52	0.04		
	Wiesbaden ...	30.19	59	2	0	bc	30.19	-0.00	59	53	-2	NW	1	bc	#	bc	70	53	—		
	Munich ...	30.25	60	N	1	0	30.22	-0.03	57	52	-3	SW	4	bc	#	bc	68	54	—		
	The Helder ...	30.19	62	WNW	5	bc	30.16	-0.03	60	56	-2	NW	5	C	3	bc	64	57	0.12		
	Brussels (9 a.m.)	*	*	*	*	*	30.21	-0.04	58	53	-2	WNW	1	bc	#	bc	70	49	—		
	Cape Gris Nez	30.18	64	2	4	C	30.19	+0.01	57	53	-2	N	2	bc	4	C	66	53	—		
	Paris ...	30.25	69	WNW	2	bc	30.26	+0.01	53	51	-4	2	0	0	#	bc	74	47	—		
	Brest ...	30.25	65	NE	3	bc	30.25	0.00	53	53	0	E	2	C	2	bc	75	53	—		
PENINSULA.	Lorient ...	30.26	70	NW	2	bc	30.29	+0.03	60	58	+1	E	4	C	2	bc	75	57	—		
	Rochefort ...	30.19	80	NNE	2	bc	30.17	-0.02	62	58	+1	ENE	5	bc	#	bc	91	53	—		
	Belfort ...	30.17	71	N	1	bc	30.19	-0.02	62	52	-3	N	4	bc	#	bc	77	58	—		
	Lyons ...	30.28	77	SE	1	bc	30.30	+0.02	75	67	0	E	1	bc	1	bc	84	66	—		
	Nice ...	30.06	83	N	2	bc	30.07	+0.01	77	60	+3	N	2	bc	#	bc	84	60	—		
PENINSULA.	Perpignan ...	30.08	76	NNE	2	0	30.10	+0.02	68	64	-1	ENE	2	0	2	bc	86	66	—		
	Biarritz ...	30.08	76	NNE	2	0	30.10	+0.02	68	64	-1	ENE	2	0	2	bc	86	66	—		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 26th August, 1893.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

BAROMETER—Isobars are drawn for each tenth of an inch.

Changes since previous morning are stated in words.

WIND—Arrows shew 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

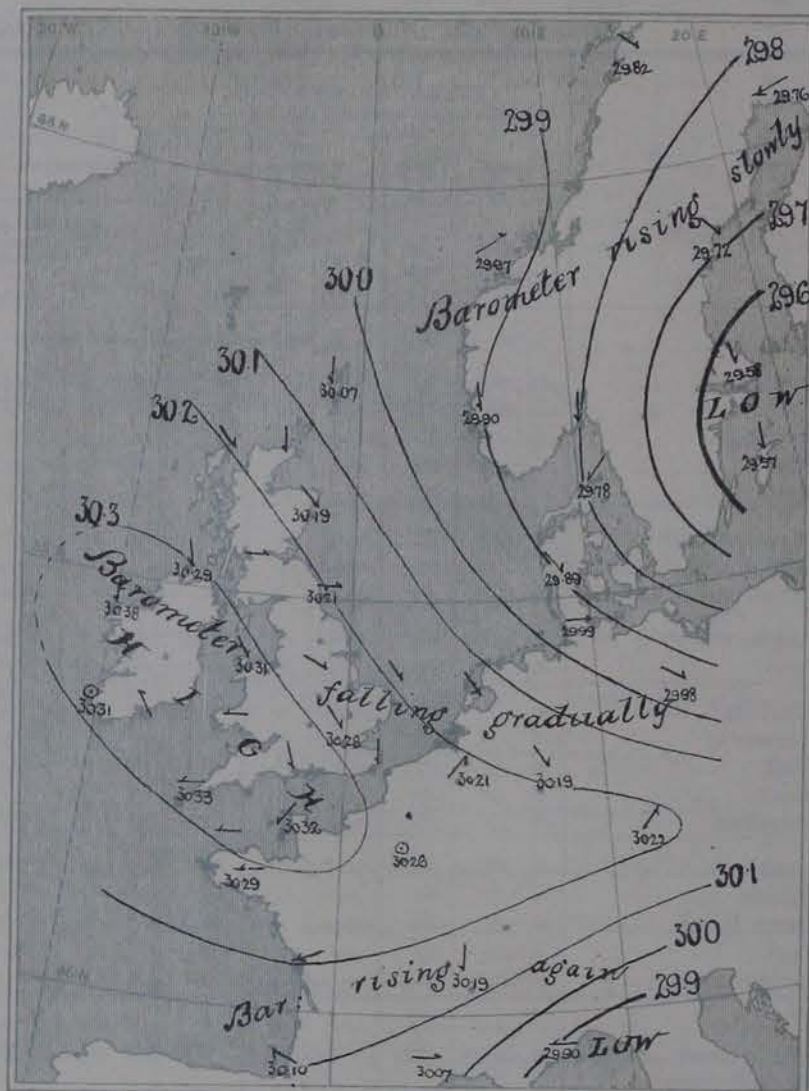
at 8 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.810
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.808
Donaghadee	29.870
Holyhead	29.907
Liverpool	29.900
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.902
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

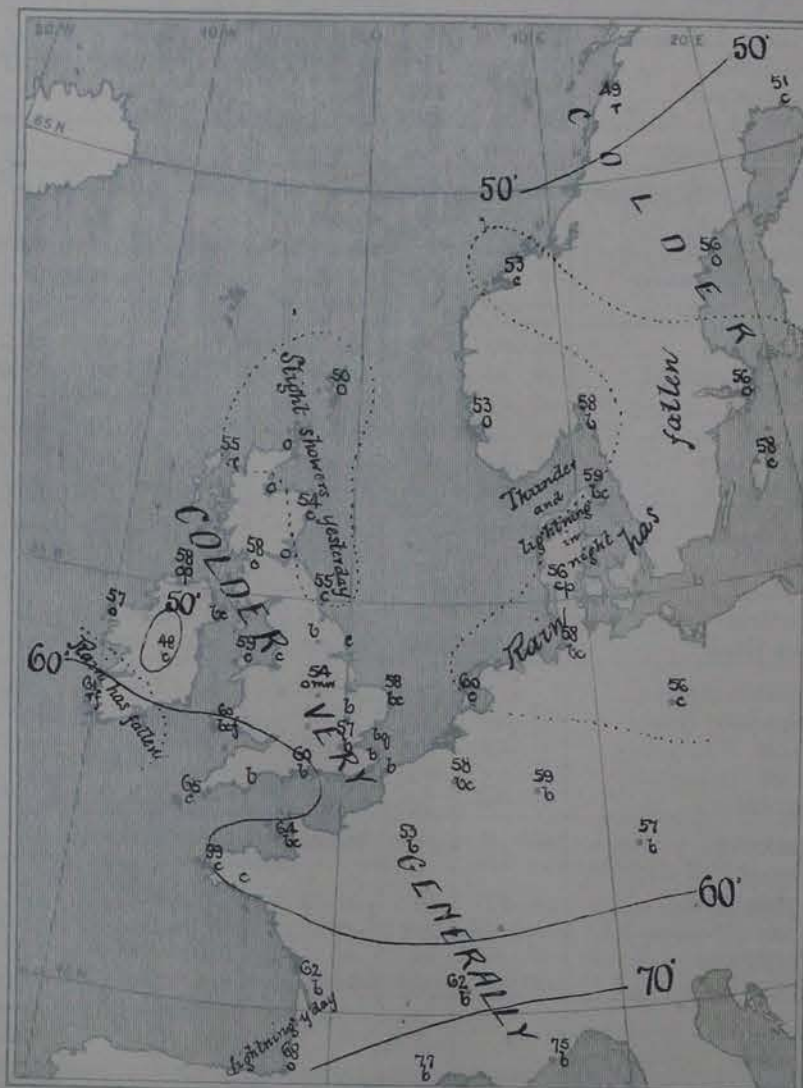
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry.	Wet.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.8	53.2	3.07
Wick	61.1	48.3	55.2	53.2	2.51
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.45
Spurn Head	64.3	55.0	58.8	56.0	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.0	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.3	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.20
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.0	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins: and more to 30.1 ins: in an anticyclone covering our Islands, Belgium, France, and the Bay of Biscay.
Lowest, 29.6 ins: and less, in a depression over the Baltic; 29.9 ins: and less over the Gulf of Genoa.

Gradients moderate over the North Sea, slight over our Islands and France.

Barometer falling a little in several parts of our Islands - most in the southwest, but rising decidedly over Scandinavia.

TEMPERATURE

Highest 77° at Perpignan, 75° at Nice, 65° on our extreme southwestern coast.

Lowest, 49° at Bodo; 50° at Loughborough; 48° at Parsonstown, 53° at Paris, 54° at Loughborough.

The maxima recorded yesterday were 70° to 75° over the south of our Islands and north of France, 84° to 86° in the south of France.

The minima in the night were very low - viz 41° at Parsonstown, 46° in London and at Oxford.

WIND

NW⁴ over the greater part of the United Kingdom and the North Sea; light to moderate in force.

Variable over France; E over the Bay of Biscay; SE³ very light at Rocher Point.

WEATHER

Cloudy or overcast at the Irish and Scotch stations, with rain at Rocher Point, Valence, and Hornouay; rainy at Bodo and showery at Bodo; fair over England, very bright over the east and south of France.

Considerable rain has fallen in some parts of Scandinavia, small quantities in Germany and the Netherlands, as well as in some parts of Scotland and Ireland, and 0.25 in at Valence (Ireland). Thunder and lightning have occurred at the Low, lightning at Biarritz.

SEA

Moderate at Hornouay and also at Cape Fin Raz, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone seems to be giving way a little, most on its southeastern side.

FORECASTS

For the 24 hours ending at NOON on 27th August, 1893.

DISTRICTS.

FORECASTS.

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

NW² breezes, light; cloudy to fair.

Same as No 5.

Same as No 0 to 2.

N² and NE² breezes, light; fair, cold at night.

DISTRICTS.

FORECASTS.

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

Same as No 0 to 2.

E² breezes, moderate; cloudy to showery.

Varying airs, finally SE²; fair as a whole.

SE² breezes; unsettled, rainy.

None issued.

WARNINGS

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.91	59	53	NW	4	c	2	Valencia ...	30.36	62	60	S	2	on	2
Sumburgh Head ...	29.97	53	50	WNW	2	c	3	Scilly ...	30.35	61	61	WNW	1	c	1
Stornoway ...	30.15	57	53	NW	4	bc	4	Jersey ...	30.35	67	60	WNW	2	bc	2
Aberdeen ...	30.10	60	54	NW	4	cq	2	Hurst Castle ...	30.29	72	61	WNW	2	b	2
Shields ...	30.15	65	56	WNW	2	c	2	Dungeness ...	30.23	70	62	W	2	b	2
Ardrossan ...	30.19	62	58	W	4	b	2	North Foreland ...	30.21	68	58	WNW	2	b	2
Malin Head ...	30.25	59	53	NW	5	of	2	London ...	30.26	68	53	NW	2	bc	*
Mullaghmore ...	30.35	61	56	WNW	1	b	*	Yarmouth ...	30.19	65	55	NW	2	bc	2
Belmullet ...	30.30	65	59	NW	2	b	2	Rochefort ...	30.20	68	69	NNE	2	b	*
Holyhead ...															

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the southern and western parts of the Continent and the greater part of the United Kingdom, as well as in the south of Scandinavia, and over the northern shores of the Gulf of Bothnia; cloudy or overcast elsewhere, rainy over the northeast of Germany, and at Helsingfors, foggy at St. Petersburg. Considerable rain later in several parts of Scandinavia and also at Valencia (Ireland), slight showers in Scotland, the north of Ireland and North Germany. Thunder and lightning at the Scaw and Biarritz.

Temperature highest 80° at Trieste and Ispas, 84° at Barcelona, and exceeding 70° over the extreme southern parts of Europe generally; below 60° over all the northern countries, but unusually uniform. Lowest 48° at Archangel, 53° at Rodo and Christiana, and 54° at Moscow, Helsingfors, and Wick. Rising later to between 65° and 71° over the greater part of England, to 74° at Dungeness and Paris, and to between 84° and 86° in the south of France. Succeeding night cold over central Ireland and many parts of England.

Wind (1) moderate from NW. over the United Kingdom and the Channel, and from NE. and E. over the Bay of Biscay and Spain; (2) strong from NW. on the eastern shores of the North Sea and from W. over North Germany and the Baltic Provinces, light from S. at Moscow and at Hangö, and from the E. over Finland and the North of Russia; very variable over the southern countries. S. air setting in over the south of Ireland later, and the NW wind over the eastern parts of the North Sea decreasing in force.

Barometer highest 30.3 ins. and more to 30.0 ins. over the British Islands, France, Germany, the Mediterranean and Spain. Lowest, 29.5 ins. and less to 29.6 ins. over the Baltic, Finland, and the Gulf of Bothnia, and 29.8 to 29.9 ins. over the southern parts of Russia. Rising over our Islands later, falling over France and the Peninsula, and shallow local disturbances appearing within the area of high pressure.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Sunday 28th August,

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom. Reading at 32° F. and Sea Level.	Temp. Dry Bulb.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
				Force (0 to 12).			Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Force (0 to 12).				Max.	Min.			
Ina.		°		Direc.		Ina.	°	°	°			Direc.				°	Ina.			
SCANDINAVIA.	Haparanda ...	29.84	45	NE	4	b	29.91	+ .15	44	41	- 7	NNE	4	c	#	b	57	44	-	
	Hernösand ...	29.79	54	NE	2	r	29.84	+ .12	51	50	- 5	NN	4	r	#	r	63	50	0.20	
	Stockholm ...	29.71	52	N	2	b	29.82	+ .34	50	52	0	NNE	2	b	#	b	59	50	0.08	
	Wisby ...	29.64	58	NNE	4	r	29.74	+ .17	58	55	0	ESE	4	r	#	r	63	52	0.24	
	Bodö ...	29.78	49	S	1	r	29.93	+ .11	52	50	+ 3	NE	2	bc	1	r	52	46	0.24	
	Christiansund...	30.03	54	N	2	c	30.09	+ .12	53	50	0	NN	3	r	3	c	59	52	0.08	
	Skudesnaes ...	29.93	61	NNW	6	bc	29.97	+ .07	58	54	+ 5	NNW	4	b	1	bc	61	53	-	
	Christiania Fjord (Færder)	29.83	61	NNE	4	o	29.93	+ .13	56	50	- 2	NNE	8	b	3	o	61	55	-	
	Skagen (The Scaw)	29.78	60	NE	3	c	29.88	+ .10	58	54	- 1	NE	3	bc	1	c	63	52	-	
	Fanö ...	29.84	54	NN	4	bc	29.86	- .03	56	53	0	NNE	3	bc	#	bc	63	52	0.28	
BRITISH ISLANDS.	Sumburgh Head	30.07	52	NE	1	c	30.16	+ .09	51	48	+ 1	N	1	o	2	c	57	46	0.02	
	Stornoway ...	30.17	55	NN	4	r	30.21	.00	54	54	- 1	Z	0	r	3	r	58	49	0.19	
	Wick ...	30.15	52	N	1	bc	30.20	+ .05	53	51	0	N	3	bc	1	bc	58	45	0.08	
	Nairn ...	30.14	55	NN	1	r	30.21	+ .03	54	50	+ 1	W	1	c	1	r	58	49	0.06	
	Aberdeen ...	30.13	53	NW	4	o	30.20	+ .01	53	49	- 1	NNW	3	c	2	cp	60	47	0.15	
	Leith ...	30.16	60	Z	0	o	30.20	.00	56	51	- 1	N	3	c	#	o	65	62	-	
	Shields ...	30.15	58	SW	2	c	30.16	- .05	54	52	- 1	N	3	o	3	p,c,z	62	48	-	
	Spurn Head ...	30.14	57	NNW	3	c	30.10	- .10	57	54	+ 1	N	4	c	3	o,c,p	60	53	0.01	
	York ...	30.19	58	N	1	c	30.16	- .07	56	53	+ 1	N	2	c	#	c	64	52	0.01	
	Loughborough	30.20	59	WNW	3	c	30.17	- .11	54	52	0	N	1	adm	#	c	63	49	0.01	
GERMANY & HOLLAND.	Ardrossan ...	30.18	60	W	4	c	30.21	- .02	57	55	- 1	N	1	o	1	c	64	53	-	
	Malin Head ...	30.27	58	NNW	4	b	30.25	- .04	57	54	- 1	N	4	o	2	b	60	55	-	
	Mullaghmore ...																			
	Belmullet ...	30.37	58	NNW	1	c	30.39	+ .01	60	57	+ 3	N	3	bc	#	b,c	61	52	-	
	Donaghadee ...	30.29	58	NNW	5	bc	30.23	- .08	57	55	0	NNW	5	c	3	bc	64	55	0.02	
	Liverpool (Bidston)	30.22	59	WSW	4	c	30.18	- .09	56	55	- 2	N	1	o	3	c	61	55	0.24	
	Holyhead ...	30.26	58	NN	2	bc	30.20	- .11	58	55	- 1	NNW	4	c	3	c,bc	61	56	-	
	Parsonstown ...	30.32	63	Z	0	bc	30.29	- .08	50	47	+ 2	Z	0	o	#	bc	65	42	-	
	Valencia ...	30.28	66	NE	3	c	30.32	+ .01	69	54	- 2	Z	0	b	1	op,c	66	47	0.05	
	Roche's Point	30.31	58	SE	3	r	30.32	- .04	55	53	- 5	NE	2	b	1	rm	61	49	0.01	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.28	58	N	3	b	30.24	- .08	59	54	- 1	NNW	2	b	1	b	64	53	-	
	Scilly ...	30.29	65	NNW	1	o	30.25	- .08	63	58	- 2	ENE	3	bc	1	o	69	57	-	
	Prawle Point ...	30.25	63	WNW	3	bc	30.22	- .11	63	58	- 2	NNW	2	b	1	bc	68	51	-	
	Jersey (St. Aubin's)	30.25	65	WNW	3	b	30.19	- .13	64	57	0	NNW	3	bc	3	b	67	54	-	
	Hurst Castle ...	30.21	67	N	3	b	30.18	- .13	60	56	0	N	3	b	2	b	73	49	-	
	Dungeness ...	30.16	64	NN	2	o	30.11	- .12	54	52	- 5	NNW	3	m	2	o	67	50	-	
	North Foreland	30.14	63	NN	2	o	30.09	- .12	58	56	- 1	NN	4	og	3	og	66	55	-	
	London ...	30.18	63	NN	2	bc	30.15	- .13	56	52	- 1	NNW	2	c	#	o	65	46	-	
	Oxford ...	30.22	59	N	2	o	30.16	- .14	55	52	- 1	W	1	c	#	o	66	48	-	
	Cambridge ...	30.18	61	NN	2	o	30.14	- .12	65	53	- 2	NN	2	o	#	o	66	50	-	
PENIN- SULA.	Yarmouth ...	30.14	60	NN	3	b	30.06	- .14	56	55	- 2	NN	3	cp	3	bc,b	62	49	0.03	
	Cuxhaven ...	29.96	55	WNW	5	r	29.90	- .09	55	54	- 3	WNW	2	b	#	r	63	55	0.68	
	Berlin ...	29.89	56	WNW	3	o	29.86	- .12	53	50	- 3	WNW	4	o	#	o	63	52	0.16	
	Wiesbaden ...	#	#	#	#	#	30.06	- .13	58	53	- 1	NN	2	o	#	#	68	54	-	
	Munich ...	30.11	58	W	2	o	30.08	- .14	51	49	- 6	NN	2	r	#	o	64	52	-	
	The Helder ...	30.10	59	NNW	5	c	30.04	- .12	58	54	- 2	N	2	c	3	c	61	55	0.24	
	Brussels (9 a.m.)	#	#	#	#	#	30.09	- .12	57	54	- 1	SW	2	c	#	c	68	48	0.04	
	Cape Gris Nez	30.13	63	N	3	c	30.08	- .11	58	56	+ 1	N	3	o	3	c	66	55	-	
	Paris ...	30.16	66	N	2	b	30.15	- .11	54	52	+ 1	Z	0	b	#	b	71	48	-	
	Brest ...	?	68	NE	2	b	?	?	60	58	+ 1	NE	2	c	3	b	77	55	-	
FRANCE AND BELGIUM.	Lorient ...	30.21	69	NE	4	b	30.21	- .08	59	57	- 1	NNE	4	c	2	b	79	55	-	
	Rochefort ...	30.08	73	NNW	4	b	30.13	- .04	57	56	- 5	NE	4	b	#	b	?	55	-	
	Belfort ...	?	67	W	3	b	?	?	62	54	-	W	3	b	#	b	77	53	-	
	Lyons ...	30.06	71	NNE	2	b	30.10	- .09	58	50	- 4	N	2	b	#	b	76	54	-	
	Nice ...	29.86	74	SW	2	c	29.82	- .08	72	63	- 3	E	1	b	2	c	82	66	-	
	Perpignan ...	29.96	86	NN	2	b	30.00	- .07	73	58	- 4	NN	2	c	#	b	93	66	-	
	Biarritz ...	30.07	76	N	3	b	30.07	- .03	64	62	- 4	E	2	bc	2	b	77	63	-	
	Corunna ...	#	#	#	#	#	30.02	- .11	68	66	0	E	2	c	#	bc	81	64	-	
	Lisbon ...	30.04	68	N	3	bc														

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 27th Aug 1893.

BAROMETER, WIND AND 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.

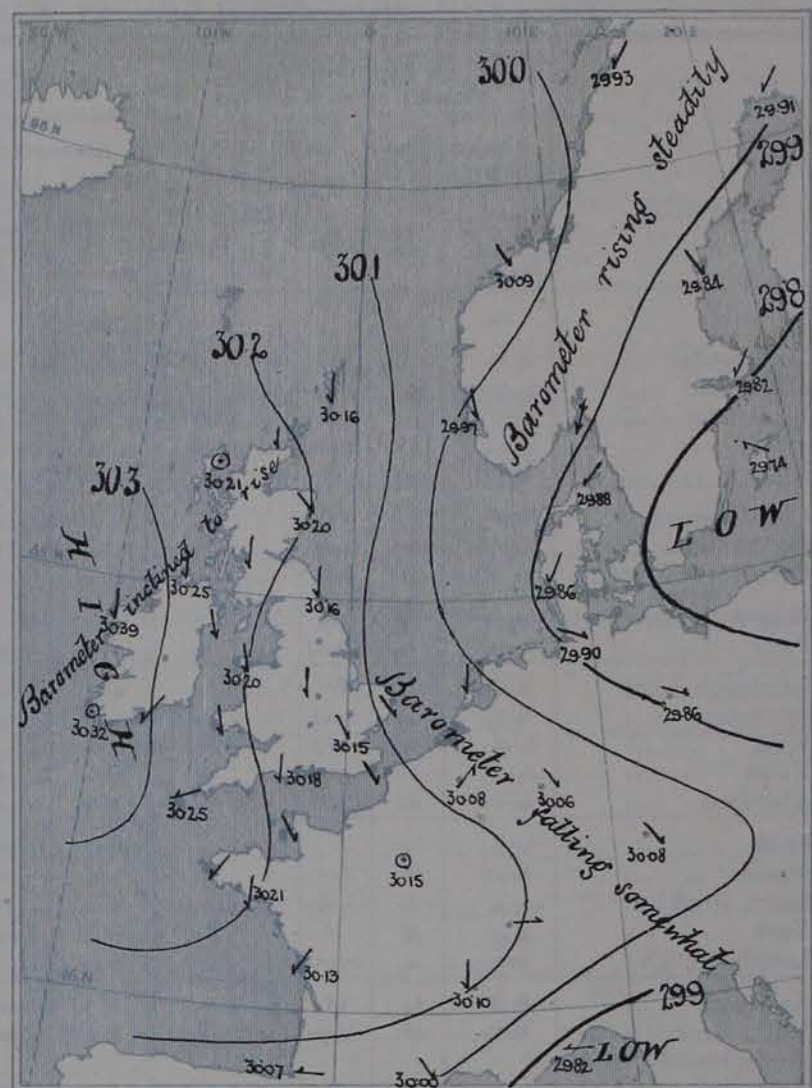
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of August.
During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.900
Loughborough	29.928
Ardrossan	29.957
Mallaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Sedilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stormway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mallaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Sedilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	58.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 ins: to 30.1 ins: in the eastern part of an anticyclone spreading in from the Atlantic over the British Isles, France, and the Bay of Biscay.
Lowest, 29.8 ins: and less, over the Baltic, and 29.9 ins: and less over the Riviera.

Gradients slight and favourable for N² to NE² winds.

Barometer still rising at the western and northern stations, falling slightly in the south and east.

TEMPERATURE

Highest, 73° at Perpignan, 72° at Nice, 63° at Kelly and Hawke's, 60° at Hurst Castle.

Lowest, 51° at Lumburgh, 53° at Christiansund and Wick, 54° at Loughborough and Paris.

The maxima over our inland countries yesterday ranged from 60° to 66°; the part night over those regions being cold - viz 46° to 48°.

WIND

N², light to moderate over all the northern and northeastern districts and the North Sea; moderate NW² over our eastern counties. NE² on our southwestern coasts and over the Bay of Biscay.

At Valencia and Stornoway calms prevail.

WEATHER

Fine and bright at our western and southwestern stations, cloudy elsewhere, with some cold showers in parts of Great Britain and at Christiansund.

A measurable quantity of rain is reported from Ireland, Scotland, Scandinavia, the northeast and east of England and the German stations, but at none of them does the fall exceed 0.24 in: and in many of them only a hundredth or so.

SEA

Slight or smooth at all stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours, ending at NOON on 28th August, 1893.

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.

Note.—The South Cone, point downwards (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeanaes ...	29.91	61	54	NN	6	bc	3	Valencia ...	30.31	65	63	NE	2	op	2
Sumburgh Head ...	30.06	59	53	2	0	c	1	Scilly ...	30.33	68	62	W	1	c	1
Stornoway ...	30.20	58	58	NN	3	r	3	Jersey ...	30.30	67	56	NNN	3	b	3
Aberdeen ...	30.14	59	53	NN	4	cq	3	Hurst Castle ...	30.25	68	60	N	3	bc	2
Shields ...	30.19	58	54	N	3	c	3	Dungeness ...	30.19	66	57	N	3	o	2
Ardrossan ...	30.24	62	58	W	4	c	3	North Foreland ...	30.18	64	57	NNN	4	o	3
Malin Head ...	30.29	60	56	NNN	4	b	2	London ...	30.22	64	55	NN	2	o	*
Mullaghmore ...								Yarmouth ...	30.17	61	56	NN	3	bc	3
Belmullet ...	30.38	60	56	NNN	2	b	*	Rochefort ...	30.17	81	78	NE	4	c	*
Holyhead ...	30.30	61	56	NN	3	c	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine over the greater part of England, as well as in Denmark, Germany, France, Spain, and Italy. Cloudy in Ireland and Scotland, with rain in places, dull at most of the Scandinavian, Russian, and Austrian stations, with rain at Rostock, St. Petersburg and Minsk. Light rain falling later in the east of England, and larger amounts in Scandinavia, Germany, and Central Russia.

Temperature fallen in most countries. Morning readings highest 82° at Rimini, 81° at Barcelona, 79° at Cagliari and Malta and 78° at Toulon, Lérins, and Palermo, above 70° in nearly all parts of southern Europe. Lowest 42° at Archangel, 49° at Rostock, and 50° at Uleaborg, Kuopio, and Sumburgh H^d; below 55° over the northern part of Scotland generally, as well as in some parts of Central England. Daily maxima below 60° in the north of Scotland, and below 65° at all but our extreme southern and south-western stations. Thermometer exceeding 75° in most parts of France and southern Europe, and exceeding 90° at several of the Spanish and Italian stations, the highest reading of all being 104° at Madrid.

Wind light to moderate from the Wnd or NWnd over the northern and eastern parts of the United Kingdom, as well as in Denmark, Germany, and the greater part of Scandinavia. NE^{ly} in the north of Russia; W^{ly} or SW^{ly} in the south of that country, E^{ly} over the extreme southwest of our Islands, the coast of France, and the greater part of Italy. Subsequently shifting to the N^{ly} in the west of France; no important change occurring elsewhere.

Barometer highest 30.2 ins: to 30.4 ins: in an anticyclone lying over our Islands, Belgium, western Germany, and the northern parts of France. Lowest 29.4 ins: and less, in a well-marked depression lying over the northern parts of Russia. Anticyclone subsequently moving slowly westwards towards the Atlantic; depression moving eastwards and partially filling up. Small shallow disturbances appearing over Spain in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " 21 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 28th August,*

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.	
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.				Dirac.	Force (0 to 12).		Max.
		Inch.	°				Inch.		°	°	°						°	Inch.		
SCANDINAVIA.	Haparanda ...	29.40	42	N	2	c	29.95	+0.4	41	38	-3	NE	4	60	#	c	50	39	-	
	Hernösand ...	29.97	55	NE	2	o	29.92	+0.8	52	47	+1	N	4	c	#	o	55	43	0.20	
	Stockholm ...	29.88	54	Z	0	r	29.93	+1.1	52	50	-4	WNW	4	6	#	r	59	48	0.08	
	Wisby ...	29.89	54	NNE	4	c	29.91	+1.7	54	?	-4	NNE	4	r	#	c	61	52	0.12	
	Bodö ...	30.00	57	SW	1	b	29.93	-0.0	51	49	-1	SE	1	c	1	b	52	48	-	
	Christiansund...	30.14	51	WNW	4	r	30.10	+0.1	50	49	-3	WSW	4	r	4	r	57	50	0.16	
	Skudesnaes ...	29.99	58	WNW	8	b	30.10	+1.3	56	52	-2	WNW	6	c	2	b	63	54	-	
	Christiania Fjord (Færder)	29.97	62	WNW	4	b	30.06	+1.3	55	48	-1	NNE	6	60	1	b	63	54	-	
	Skagen (The Seaw)	29.97	60	N	3	b	30.02	+1.4	59	54	+1	ENE	2	0	0	b	63	54	0.04	
	Fanö ...	30.01	54	N	4	b	30.04	+1.8	57	55	+1	NW	4	c	#	b	66	52	0.08	
BRITISH ISLANDS.	Sumburgh Head	30.21	52	WNW	1	c	30.19	+0.3	53	51	+2	WNW	2	0	2	c	56	45	0.01	
	Stornoway ...	30.24	55	Z	0	r	30.31	+1.0	54	52	0	NW	2	0	3	r	55	50	0.35	
	Wick ...	30.25	55	N	1	b	30.27	+0.7	55	54	+2	NW	3	6	1	b	58	38	-	
	Nairn ...	30.24	57	E	1	b	30.30	+0.9	54	52	0	N	1	0	1	b	63	39	-	
	Aberdeen ...	30.27	54	NNE	2	c	30.30	+1.0	55	51	+2	NW	1	cw	1	c	59	39	-	
	Leith ...	30.23	58	ENE	3	b	30.32	+1.2	57	48	-5	W	2	60	#	b	64	42	-	
	Shields ...	30.22	57	N	3	c	30.33	+1.7	56	51	+2	N	2	60	3	c	62	44	-	
	Spurn Head ...	30.15	57	WNW	5	cw	30.26	+1.6	58	54	+1	WNW	5	cw	4	cw,p	61	53	-	
	York ...	30.21	56	N	3	c	30.32	+1.6	54	51	-2	N	1	6	#	c	62	48	-	
	Loughborough	30.19	58	N	2	c	30.33	+1.6	53	52	-1	NNE	3	cw	#	c	66	42	0.02	
GERMANY & HOLLAND.	Ardrossan ...	30.23	61	WNW	1	b	30.35	+1.4	55	52	-2	SSE	1	cw	0	b	61	43	-	
	Malin Head ...	30.26	56	WNW	4	op	30.34	+0.9	58	57	+1	N	1	0	1	p	60	55	0.06	
	Mullaghmore ...	30.29	59	N	3	o	30.38	-0.1	59	57	-1	NNE	1	0	#	c	63	54	0.01	
	Belmullet ...	30.27	56	WNW	4	o	30.37	+1.4	54	53	-3	NW	3	m	2	o	66	53	0.03	
	Donaghadee ...	30.21	59	NNE	1	o	30.35	+1.7	56	51	0	NNE	1	0	1	o	63	48	-	
	Holyhead ...	30.23	58	NNE	3	c	30.34	+1.4	59	55	+1	ENE	1	60	1	c	60	50	-	
	Parsonstown ...	30.25	62	NE	1	o	30.38	+0.9	55	53	+5	NE	1	6	#	o	68	46	0.30	
	Valencia ...	30.28	64	NE	3	60	30.35	+0.3	60	57	+1	Z	0	6	1	60	52	-		
	Roche's Point	30.25	64	NE	2	c	30.35	+0.3	60	56	+5	NE	2	6	2	c	66	50	-	
	Pembroke (St. Ann's Hd.)	30.18	60	NNE	4	60	30.31	+0.7	61	56	+2	ENE	3	6	2	60	56	0.02		
FRANCE AND BELGIUM.	Scilly ...	30.23	62	N	4	60	30.24	-0.1	62	57	-1	ENE	4	60	1	60	57	-		
	Prawle Point ...	30.16	60	ENE	1	c	30.26	+0.4	57	53	-6	ENE	5	6	4	c,p	68	54	0.04	
	Jersey (St. Aubin's)	30.15	64	WNW	3	b	30.21	+0.2	60	56	-4	NNE	5	c,p,q	4	b,o,q	67	54	0.17	
	Hurst Castle ...	30.14	62	NNE	1	c	30.26	+0.8	56	53	-4	NE	3	60	3	c	68	50	-	
	Dungeness ...	30.09	62	NNE	4	c	30.19	+0.8	58	56	+4	NNE	4	c	3	c	65	46	-	
	North Foreland	30.09	56	NNE	3	r	30.19	+1.0	61	59	+3	NNE	5	c,p	4	c,o,r	61	54	0.48	
	London ...	30.13	58	NNE	1	c	30.26	+1.1	54	51	-2	NE	1	0	#	c,o,p,b	62	48	0.02	
	Oxford ...	30.20	54	N	1	c	30.31	+1.5	50	49	-5	N	1	0	#	c,p	64	43	0.01	
	Cambridge ...	30.16	56	WNW	2	60	30.28	+1.4	55	54	0	NW	2	6	#	60	44	-		
	Yarmouth ...	30.10	59	N	4	60	30.21	+1.5	60	56	+4	NNE	5	c	4	60	55	0.03		
PENINSULA.	Cuxhaven ...	29.97	61	NNE	3	c	30.13	+2.3	61	59	+6	NNE	2	6	#	c	62	?	-	
	Berlin ...	29.91	56	NW	2	60	29.92	+0.6	59	51	0	WNW	2	c	#	60	50	0.20		
	Wiesbaden ...	30.10	50	Z	0	r	30.14	+0.8	54	51	-4	Z	0	6	#	63	54	0.08		
	Munich ...	30.10	50	Z	0	r	30.15	+0.7	50	49	-1	NW	2	c	#	59	45	0.51		
	The Helder ...	30.10	50	Z	0	r	30.15	+0.7	50	49	-1	NW	2	c	#	59	45	0.51		
	Brussels (9 a.m.)	30.06	58	NNE	4	o	30.14	+0.6	58	56	0	NNE	5	0	3	o	64	43	0.28	
	Cape Gris Nez	30.09	62	NNE	2	o	30.16	+0.1	54	52	0	NE	2	0	#	o	66	55	0.16	
	Paris ...	30.09	62	NNE	2	o	30.16	+0.1	54	52	0	NE	2	0	#	o	69	51	-	
	Brest ...	30.10	69	NNE	4	b	30.12	-0.9	57	55	-2	NE	4	c	2	6	70	55	-	
	Lorient ...	30.10	69	NNE	4	b	30.12	-0.9	57	55	-2	NE	4	c	2	6	75	55	-	
PENINSULA.	Rocheport ...	30.02	69	NW	5	b	30.02	-1.1	59	55	+2	E	4	6	#	6	75	55	-	
	Belfort ...	30.00	65	W	3	b	30.06	-0.4	57	52	-1	N	2	6	#	6	78	41	-	
	Lyons ...	30.00	66	NNE	2	b	30.06	-0.4	57	49	-1	N	2	6	#	6	73	53	-	
	Nice ...	29.80	72	Z	0	b	29.88	+0.6	71	64	-1	E	2	6	1	6	72	66	-	
	Perpignan ...	29.91	80	WNW	3	b	29.97	-0.3	64	54	-9	SW	1	0	#	6	89	56	-	
	Biarritz ...	30.00	71	NE	5	b	29.96	-1.1	61	58	-3	SSE	3	0	2	6	77	59	-	
	Corunna ...	30.00	69	WSW	4	c	30.02	0.0	72	66	+4	W	2	c	#	c	82	66	-	
	Lisbon ...	30.00	69	WSW	4	c	30.02	0.0	72	66	+4	W	2	c	#	c	82	66	-	
	Lisbon ...	30.00	69	WSW	4	c	30.02	0.0	72	66	+4	W	2	c	#	c	82	66	-	
	Lisbon ...	30.00	69	WSW	4	c	30.02	0.0	72	66	+4	W	2	c	#	c	82	66	-	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 28th August, 1893.

BAROMETER, WIND AND 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

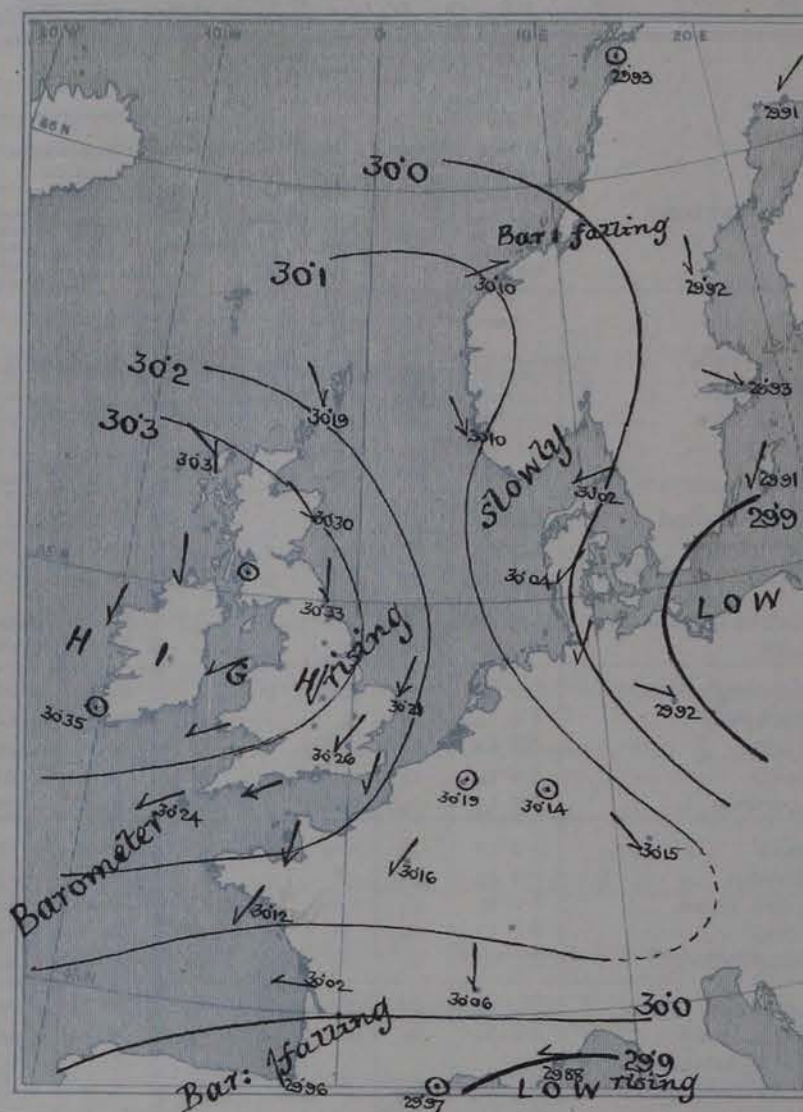
at 8.0 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stormoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.995
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
Yarmouth	29.928



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins: and more to 30.2 ins, over the British Islands and rather higher over the adjacent parts of the Atlantic.
Lowest, 29.9 ins: and less, over the Baltic Provinces and eastern part of North Germany.

Gradient slight over our Islands, moderate over the North Sea and France.

Barometer still inclined to rise over the United Kingdom, but to fall over Spain and the south of France.

TEMPERATURE

Highest, 72° at Lisbon, 71° at Nice, much lower elsewhere; 62° at Dublin, 60° at Rock Point and Valencia Island.

Lowest, 41° at Haparanda, 50° at Christiansund and Oxford, 51° at Riga, 54° in London and at Paris.

The maxima recorded over England yesterday were as low as 61° to 64°; the minima early this morning were 42° to 48°, and on the grass at Oxford there was all but a frost.

WIND

(1) Light from NW. in Scotland and from N. over England and Ireland; moderate to fresh from N. on our east coasts, from NE. in the Channel, and moderate from E. over the Bay of Biscay.

(2) Strong from the N. in the south of Norway, moderate on the coast of Holstein, WNW and light at Berlin.

WEATHER

Fine and bright over Ireland and many parts of Great Britain and France, cloudy elsewhere, with rain at Christiansund and Wibby and heavy showers at the North Foreland.

A little rain has fallen during the past twenty-four hours at several of our stations, and about half an inch at the North Foreland and Munich.

SEA

Moderate on our east coast and in the Channel, slight off our southern coasts, smooth in the west and over the Bay of Biscay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The tendency this morning is for a continuation of light Nth (NW to NE) winds in our Islands, with finer weather and very cold nights.

FORECASTS

For the 24 hours, ending at NOON on 29th August, 1893.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

NWth and Wth breezes, a few showers, but fair as a whole.

1 SCOTLAND
EAST

NWth and Varying airs; fine generally.

2 ENGLAND
N.E.

Same as No 5

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

Similar to Nos 1 and 2: Very cold tonight.

5 ENGLAND
SOUTH

NEth breezes, light or moderate; fine, cold inland tonight.

DISTRICTS.

FORECASTS.

6 SCOTLAND
WEST

Same as Nos 1 and 2.

7 ENGLAND
N.W.

8 ENGLAND
S.W.

Same as No 5

9 IRELAND
NORTH

10 IRELAND
SOUTH

Nth airs; fine, very cold tonight and hazy.

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.01	63	55	N.W.	6	b	1	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	30.23	55	55	S	2	r	3	Jersey ...	30.19	65	58	N	3	b	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.09	63	57	N	3	c	2
Ardrossan ...								North Foreland ...	30.09	59	56	N.W.	4	o	3
Malin Head ...	30.26	56	56	N.W.	4	o	2	London ...							*
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.34	61	56	N	1	c	*	Rocheport ...	30.10	75	61	N.W.	3	b	*
Holyhead ...	30.23	60	53	N.E.	3	c	3								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine and bright in the extreme south and southwest of our Islands, as well as in France, Spain, Italy, Denmark and the south of Norway. Cloudy or overcast elsewhere, with rain at several of the German and Scandinavian Stations; slight rain falling also in some parts of England. Showers experienced during day in many parts of the United Kingdom - amounts varying greatly in different localities.

Temperature fallen generally. Morning readings highest, 80° at Algiers and 79° at La Calle, and 78° at Sanghaire, above 70° at most of the Mediterranean and Adriatic Stations, and above 65° over the Spanish Peninsula. Lowest 40° at Archangel, 43° at Uleaborg, 44° at Haparanda, and 46° at S^t. Petersburg; below 55° in several of the more northern parts of the United Kingdom, and below 60° on our extreme southern coasts. Daily maxima below 60° in the north of Scotland, and below 65° in most other parts of St. Britain. Thermometer exceeding 70° in France, and reaching 89° at Perpignan.

Wind light to moderate from the N^W over our Islands, Scandinavia and Denmark, from the W^W in Germany and Austria, and from the S^W over central Russia. NE^W in the west of France; E^W in Spain, variable in Italy; S^W in Algeria. Subsequently increasing to a strong breeze from the NW^W in the west of Norway; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in an anticyclone extending from the Atlantic over the western parts of Ireland. Lowest 29.6 ins. to 29.7 ins. in a large depression lying over the northern and central part of Russia, 29.8 ins. and less in a small disturbance over central Italy. No important change occurring over western Europe during day.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 20TH TO 26TH AUGUST 1893.

During the earlier part of this week pressure was highest over Germany and the southeastern parts of France, lowest off our northwest coasts, and depressions of considerable depth were moving from southwest to northeast over the last named region. SW^W (S to W) winds were consequently prevalent, and as the depression of the 20th - 21st was deep, these winds rose to a strong gale in Scotland and the west of Ireland, and a moderate gale in many other places, and a good deal of rain fell in Ireland and Scotland, smaller quantities in England.

On the disappearance of this disturbance, however, the barometer began to rise in the west and southwest, the wind veered to a more W^W point and fell light, and the weather began to dry up - first in the south and east, and later on at the more northern and northwestern Stations. On Thursday the distribution of pressure had become favourable for breezes from W. and NW., and at the close of the week anticyclonic conditions, with gradients for N^W winds, were spreading over us from the Atlantic. Temperature fell decidedly during the week, the maxima recorded over the inland parts of England on Saturday being as low as 63° to 66°.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " " 51 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY, 29TH AUGUST, 1893.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	29.89	37	2	0	b	29.86	-0.09	42	40	+1	NB	1	b	*	b	53	34	—	
	Hernösand ...	29.91	46	2	0	T	29.86	-0.06	50	47	-2	2	0	0	*	T	54	45	0.43	
	Stockholm ...	29.92	52	2	0	0	29.88	-0.05	52	50	0	N	2	0	*	0	53	46	0.04	
	Wisby ...	29.96	51	NNW	2	bc	29.90	-0.01	53	51	+1	NNW	4	c	*	bc	57	48	—	
	Bodö ...	29.82	48	2	0	c	29.68	-0.25	49	47	-2	SW	4	T	2	c	52	46	—	
	Christiansund...	29.99	52	SW	7	T	29.80	-0.27	51	51	+1	W	4	T	4	T	52	50	0.71	
	Skudesnaes ...	30.17	53	NNW	4	0	30.01	-0.09	58	57	+2	NNW	4	f	2	c, o	52	52	—	
	Christiania Fjord (Færd)	29.99	60	NNW	4	b	29.87	-0.19	59	54	+4	W	4	c	2	b	61	55	—	
	Skagen (The Seaw)	29.97	53	2	0	bc	29.92	-0.10	60	57	+1	W	1	bc	0	bc	60	52	—	
	Fanö ...	30.08	57	NW	6	c	30.07	+0.03	57	54	0	NW	6	c	*	c	66	55	—	
BRITISH ISLANDS.	Sumburgh Head	30.13	53	NNW	2	f	30.07	-0.12	54	54	+1	NNW	3	0	3	o, f	57	51	0.09	
	Stornoway ...	30.32	58	NW	2	0	30.31	0.0	58	57	+4	W	4	c	4	0	59	53	0.02	
	Wick ...	30.28	58	N	4	0	30.23	-0.04	58	57	+3	N	5	ou	2	0	61	54	0.01	
	Nairn ...	30.30	60	2	0	c	30.29	-0.01	58	54	+4	SW	2	c	1	c	62	52	0.01	
	Aberdeen ...	30.31	58	NW	2	b	30.26	-0.04	59	54	+4	NW	5	cq	3	o, bc, f, o	62	55	—	
	Leith ...	30.31	62	NNW	1	0	30.31	-0.01	56	52	+5	NNW	3	0	*	0	71	49	—	
	Shields ...	30.31	58	E	1	c	30.32	-0.01	60	57	+4	NNW	2	c	3	bc	61	50	—	
	Spurn Head ...	30.30	56	NNE	3	bc	30.30	+0.04	58	54	0	NW	3	c	3	bc	62	52	—	
	York ...	30.32	63	N	1	c	30.33	+0.03	55	53	+1	N	1	c	*	c	65	48	—	
	Loughborough	30.32	63	NNE	3	c	30.36	+0.03	53	51	0	NNW	1	c	*	c	68	42	—	
GERMANY & HOLLAND.	Ardrossan ...	30.32	62	W	2	b	30.33	-0.02	58	56	+3	W	3	cw	2	b	64	53	—	
	Malin Head ...	30.37	57	NNW	2	0	30.38	+0.04	57	52	-1	N	3	0	2	0	62	56	—	
	Mullaghmore ...	30.42	60	NNE	2	ou	30.45	+0.07	58	54	-1	NNE	2	0	*	o, ou	63	51	—	
	Belmullet ...	30.37	59	NNW	2	c	30.37	0.0	59	57	+5	NW	3	bc	1	c	62	53	—	
	Donaghadee ...	30.37	59	NNW	2	c	30.37	0.0	59	57	+5	NW	3	bc	1	c	62	53	—	
	Liverpool (Bldston)	30.34	61	NW	2	b	30.36	+0.01	59	56	+3	NNW	2	bc	1	b	63	53	—	
	Holyhead ...	30.36	58	N	2	b	30.36	+0.02	59	55	0	N	2	bc	1	b	61	56	—	
	Parsonstown ...	30.37	65	2	0	bc	30.41	+0.03	55	53	0	2	0	o, bc	*	bc, o	67	49	—	
	Valencia ...	30.39	63	NNW	2	c	30.42	+0.07	56	54	-4	2	0	bc	1	c	63	46	—	
	Roche's Point	30.37	62	SE	2	b	30.39	+0.04	56	53	-4	N	2	bc	2	b	65	50	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.32	59	NE	2	bc	30.38	+0.04	56	53	-5	NE	2	b	1	bc	62	52	—	
	Scilly ...	30.31	62	ENE	4	bc	30.30	+0.06	63	59	+1	ENE	4	bc	2	bc	63	54	—	
	Prawle Point ...	30.28	58	ENE	2	b	30.31	+0.05	56	55	-1	ENE	4	b	3	b	65	52	—	
	Jersey (St. Aubin's)	30.22	67	NE	5	c	30.25	+0.04	63	59	+3	NE	5	c	4	bc, o, g	67	59	0.01	
	Hurst Castle ...	30.26	65	NNE	3	bc	30.31	+0.05	56	54	0	NNE	3	b	2	bc	69	48	—	
	Dungeness ...	30.22	62	NE	4	bc	30.26	+0.07	60	55	+2	NE	4	bc	3	bc	69	45	—	
	North Foreland	30.28	61	NE	4	bc	30.27	+0.08	60	56	-1	NNE	4	bc	3	c, bc, g	64	53	—	
	London ...	30.28	64	NE	2	bc	30.33	+0.07	54	51	0	N	1	b	*	f, bc, g	68	42	—	
	Oxford ...	30.33	53	NE	1	b	30.35	+0.04	51	49	+1	NNW	1	0	*	c, b	68	42	—	
	Cambridge ...	30.31	50	N	1	c	30.34	+0.06	53	52	-2	NNW	1	0	*	c	67	44	—	
PENINSULA.	Yarmouth ...	30.29	60	N	4	c	30.28	+0.07	59	55	-1	N	3	c	4	c	64	50	—	
	Cuxhaven ...	30.17	60	NNW	6	c	30.20	+0.07	60	57	-1	NNW	3	b	*	c	63	58	—	
	Berlin ...	30.10	59	NNW	3	bc	30.14	+0.22	54	52	+1	NNW	3	b	*	bc	66	48	—	
	Wiesbaden ...	*	*	*	*	*	30.23	+0.09	57	54	+3	N	1	0	*	*	66	48	—	
	Munich ...	30.21	53	2	0	b	30.25	+0.10	53	50	+3	E	2	b	*	b	63	41	—	
	The Helder ...	30.29	53	N	1	c	30.29	+0.08	53	53	-1	NW	2	c	2	c	63	57	—	
	Brussels (9 a.m.)	*	*	*	*	*	30.23	+0.10	58	55	+5	NE	1	b	*	b	68	44	—	
	Cape Gris Nez	30.21	61	NE	4	bc	30.23	+0.09	53	55	+1	NE	4	b	4	bc	64	54	0.16	
	Paris ...	30.16	63	NE	2	b	30.22	+0.06	55	52	+1	NE	3	b	*	b	71	50	—	
	Brest ...	?	63	ENE	5	c	?	?	60	58	+2	ENE	3	c	3	c	70	53	—	
FRANCE AND BELGIUM.	Lorient ...	30.14	61	NE	5	c	30.14	+0.02	59	55	+2	NE	5	c	2	c	72	53	0.04	
	Rochefort ...	30.01	72	ENE	4	0	29.97	-0.05	62	57	+3	ENE	5	0	*	c, o	84	53	—	
	Belfort ...	30.01	69	N	2	b	30.10	+0.04	51	51	-6	N	1	b	*	b	71	51	—	
	Lyons ...	30.01	69	E	4	0	30.04	+0.16	68	61	-3	2	0	bc	1	0	75	63	—	
	Nice ...	29.95	72	NE	1	0	29.95	-0.02	65	65	+1	SE	1	T	*	0	79	63	0.04	
	Perpignan ...	29.93	72	N	3	0	29.96	0.0	63	60	+2	2	0	T	2	0	77	61	0.08	
	Biarritz ...	29.95	72	N	3	0	29.96	0.0	63	60	+2	2	0	T	2	0	77	61	0.08	
	Corunna ...	30.01	70	SW	3	b	30.03	+0.01	70	60	-2	NNW	4	c	*	b	79	68	—	
	Lisbon ...	30.01	70	SW	3	b	30.03	+0.01	70	60	-2	NNW	4	c	*	b	79	68	—	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 29th Aug: 1893.

BAROMETER, WIND AND 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

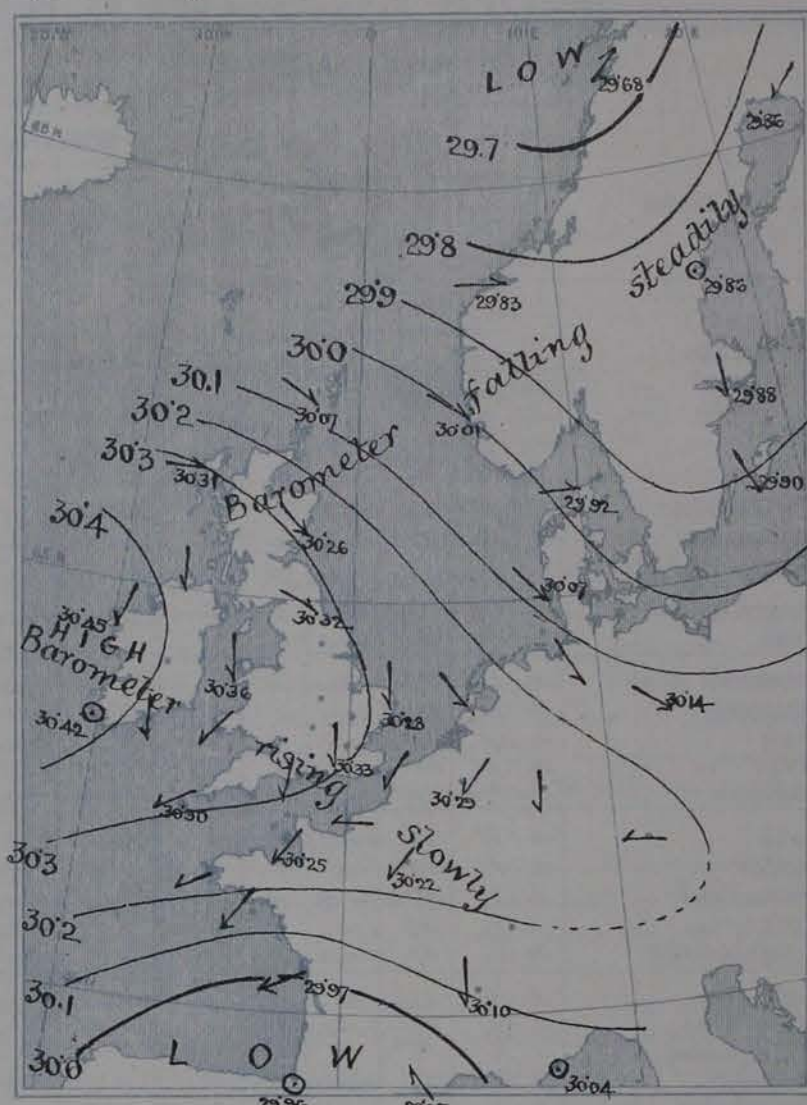
at 8 a.m. for the month of August.

During the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.832
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.	Dry.	Wet.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.0	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.59
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	50.0	1.80
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaghmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.02
Pembroke	63.2	55.6	58.0	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 ins: and upwards, in an anticyclone extending from the Atlantic over the western parts of Ireland.

Lowest, 29.7 ins: and less, in a depression lying off the northwest of Norway.

Gradients slight. Barometer falling in Scandinavia, Denmark, and the northern and eastern parts of Great Britain, but rising slightly elsewhere.

TEMPERATURE

Highest, 70° at Lisbon, 68° at Nice, 65° at Perpignan, 63° at Jersey and Biarritz, and 62° at Rochefort.

Lowest, (1) 42° at Haparanda, 49° at Umeå, 50° at Haparand, 51° at Christiansund, (2) 51° at Oxford and 53° at Loughborough and Cambridge.

The maxima registered over our islands yesterday were below 70° at all stations excepting Leith and below 65° in most of the northern districts. Slight ground frost was experienced last night over the inland parts of England.

WIND

Moderate to fresh from the W^{ind} or NW^{ind} on our north and northeast coasts, as well as on the eastern shores of the North Sea; variable or light from the N^{ind} in Sweden.

Light N^{ind} in Ireland; moderate NE^{ind} over the south of England and the northern part of France; calm in the south of France.

WEATHER

Fine and bright over all the more southern part of the United Kingdom, as well as in Denmark, Germany, the Netherlands, and the north and east of France. Dull elsewhere, with rain in the west of Norway, and also at Biarritz and Perpignan.

A little rain fell yesterday in the north of Scotland, as well as in the Channel Islands and some parts of France.

SEA

Light or smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions are now beginning to advance over Scandinavia from the Atlantic, and unsettled weather seems likely to set in on our extreme northern coasts. Over the southern parts of the United Kingdom no important change is likely at present.

FORECASTS

For the 24 hours ending at NOON on 30th AUGUST, 1893.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^{ind} and NW ^{ind} winds, increasing in force; dull, some rain.
1	SCOTLAND EAST	NW ^{ind} winds, freshening; fair generally.
2	ENGLAND N.E.	
3	ENGLAND EAST	N ^{ind} winds, light or moderate; fair generally.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	W ^{ind} and NW ^{ind} winds, light; fair generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NE ^{ind} winds, light; fine generally.
9	IRELAND NORTH	Same as Nos 3 to 5.
10	IRELAND SOUTH	
WARNINGS		None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.12	52	52	NW	7	c	2	Valencia ...	30.28	67	60	SW	1	cm	1
Sumburgh Head ...	30.10	54	52	NW	2	0	2	Scilly ...	30.29	62	55	ENE	4	bc	1
Stornoway ...	30.33	59	5	N	2	0	3	Jersey ...	30.28	67	60	ENE	5	bc	4
Aberdeen ...	30.32	57	53	NW	2	bc	2	Hurst Castle ...	30.26	68	61	NE	3	bc	2
Shields ...	30.33	60	54	NE	3	f	3	Dungeness ...	30.22	66	60	NE	4	bc	3
Ardrossan ...	30.34	62	58	N	3	f	2	North Foreland ...	30.24	64	57	NE	5	c	6
Malin Head ...	30.38	60	57	N	2	0	1	London ...	30.37	66	57	NNE	2	bc	*
Mullaghmore ...								Yarmouth ...	30.28	63	58	NNE	4	c	4
Belmullet ...	30.42	60	57	N	2	0	*	Rochefort ...	30.03	75	65	ENE	4	c	*
Holyhead ...	30.38	61	55	N	2	f	1								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fair over the British Islands and Western Europe generally, but dull or hazy in many places, clear and bright in others; less fair over the northern and eastern countries - rainy at Christiansund, Nisy and Copenhagen. Considerable rain later over various parts of Sweden and Norway, and small quantities in the north of Scotland; slight falls in some ~~in~~ parts of France also and at Jersey.

Temperature in morning highest 80° at Palermo, 82° at Sfax, and above 70° at most stations on the coast of southern Europe; exceeding 60° at Odessa and also at Scilly and Valencia Island, much lower elsewhere. Lowest 38° at Archangel, 39° at Uleaborg, 43° at Hangö, 44° at St Petersburg, 50° at Christiansund and also at Munich, 51° at Rieff and Hermannstadt. Rising to between 60° and 68° over the inland parts of England later to 71° at Paris, and to between 77° and 79° on the extreme south coast of France and at Lisbon, falling to very little above 40° at night - frost on the grass inland.

Wind light NW at our northwestern stations, light on our own coasts, moderate in Norway, N on the Swedish coast, as well as over the North Sea and greater part of England, NE in the Channel, NE to E over the Bay of Biscay; NW over North Germany, W over south Germany, Austria, Hungary and Poland. Increasing to a moderate gale from WSW at Christiansund later; hardly any other change.

Barometer highest 30.3 ins: and more to 30.1 ins: over the whole of the British Isles, the north of France, Holland, and the western half of the North Sea. Lowest 29.8 ins: and less, over Northern Europe, 29.9 ins: and less, over the northern parts of the Mediterranean. Falling over the north of Scandinavia later, no change over the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 30th August, 1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.		TEMP.		WIND.		BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.		Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Wet Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.		Min.	
Ins.		°				Ins.		°		°		°				°		Ins.			
SCANDINAVIA.	Haparanda ...	29.69	41		Z	0	bc	29.62	-24	44	41	+2	NE	2	c	#	bc	59	32	-	
	Hernösand ...	29.62	42		Z	0	bc	29.53	-23	46	43	-4	NW	4	c	#	bc	50	42	0.7	
	Stockholm ...	29.62	54		Z	0	0	29.54	-34	48	45	-4	NW	4	b	#	0	55	48	0.12	
	Wisby ...	29.62	59		S	4	0	29.54	-36	54	51	-1	N	6	0	#	0	61	52	0.04	
	Bodö ...	29.63	45		E	1	0	29.64	-04	46	44	-3	E	1	0	2	0	52	43	0.20	
	Christiansund...	29.91	50		WNW	6	r	29.78	-05	50	43	-1	W	8	0	5	r	54	45	0.63	
	Skudesnaes ...	29.97	58		NW	4	c	29.94	-07	51	47	-7	N	4	b	2	c	59	?	-	
	Christiania Fjord (Fæder)	29.69	65		WNW	5	c	29.78	-09	54	46	-5	WNW	4	b	0	c	?	54	-	
	Skagen (The Scaw)	29.78	58		NW	4	bc	29.77	-15	57	49	-3	NE	3	c	2	bc	66	55	-	
	Fanö ...	29.94	58		NW	6	c	29.86	-21	55	50	-2	NW	7	c	#	c	64	54	-	
BRITISH ISLANDS.	Sumburgh Head	30.11	53		NW	2	bc	29.95	-12	51	51	-3	Z	0	0	2	0.6c	56	48	0.06	
	Stornoway ...	30.29	59		NW	3	0	30.15	-16	58	57	-1	W	4	r	4	0	61	53	0.02	
	Wick ...	30.21	56		N	4	0	30.05	-18	56	54	-2	N	4	0	2	0	60	50	0.10	
	Nairn ...	30.26	61		WNW	1	c	30.13	-16	58	55	-3	SW	1	c	1	c	64	55	-	
	Aberdeen ...	30.24	61		WNW	3	c	30.10	-16	58	54	-4	WNW	4	oggg	3	bc,c	66	57	-	
	Leith ...	30.24	64		W	8	b	30.13	-18	58	55	+2	WSW	3	bc	#	b	74	52	-	
	Shields ...	30.24	62		SSE	2	c	30.14	-18	58	54	-2	WSW	2	bc	2	0.c	70	51	-	
	Spurn Head ...	30.25	61		S	1	c	30.14	-16	60	58	+2	W	2	bc	2	c	65	55	-	
	York ...	30.24	66		SE	1	0	30.17	-18	57	55	+2	W	1	c	#	0	70	50	-	
	Loughborough	30.27	66		N	2	0	30.20	-16	60	55	+7	NW	1	b	#	0	70	53	-	
GERMANY & HOLLAND.	Ardrossan ...	30.30	62		W	4	b	30.16	-17	59	55	+1	NW	3	c	2	b	65	53	-	
	Malin Head ...	30.35	58		WNW	3	0	30.25	-13	57	56	-1	NW	3	0	2	b,0	60	56	-	
	Mullaghmore ...	30.37	59		N	1	c	30.34	-11	57	54	-1	WNW	1	0	#	0.c	61	54	-	
	Belmullet ...	30.34	59		WNW	4	b	30.28	-09	58	54	-1	NW	5	c	3	b	65	56	-	
	Donaghadee ...	30.34	59		WNW	4	b	30.28	-09	58	54	-1	NW	5	c	3	b	65	56	-	
	Liverpool (Bidston)	30.30	60		WNW	1	0	30.21	-15	59	57	-2	W	3	bc	2	0	64	55	-	
	Holyhead ...	30.32	59		N	2	b	30.24	-12	60	56	+1	N	4	c	2	b	62	56	-	
	Parsonstown ...	30.36	60		NE	1	c	30.31	-10	55	51	-4	NE	1	m	#	c	63	52	-	
	Valencia ...	30.37	61		NNE	3	c	30.33	-09	58	55	+2	NE	2	bc	3	cm,c	66	50	-	
	Roche's Point	30.34	64		N	2	b	30.29	-10	55	52	-3	N	2	b	2	b	65	50	-	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.28	59		NNE	3	b	30.23	-12	58	57	+2	NNE	3	cq	2	b	65	55	-	
	Scilly ...	30.28	62		NNE	4	b	30.20	-10	63	60	-3	NE	3	b	2	b	67	56	-	
	Prawle Point ...	30.24	57		ESE	1	b	30.18	-13	61	57	+5	ESE	2	cq	1	b	67	54	-	
	Jersey (St. Aubin's)	30.19	64		NE	5	b	30.14	-11	64	59	+5	NE	5	cq	4	bc,b	68	58	-	
	Hurst Castle ...	30.23	64		ESE	3	b	30.18	-13	60	57	+3	NNE	1	cm	1	b	69	56	-	
	Dungeness ...	30.21	62		ESE	4	bc	30.13	-13	62	59	+3	NNE	3	0	3	c, bc	68	58	-	
	North Foreland	30.24	61		NE	4	bc	30.12	-15	61	59	+2	NNE	4	oggg	3	bc, bc	68	57	-	
	London ...	30.24	64		NE	2	bc	30.17	-16	60	56	+4	NE	1	oggm	#	bc, c, om	68	54	-	
	Oxford ...	30.27	58		NE	1	0	30.18	-17	60	56	+4	N	2	0	#	0	69	50	-	
	Cambridge ...	30.26	62		NNE	1	c	30.17	-17	59	56	+3	WNW	1	b	#	c	69	51	-	
PENINSULA.	Yarmouth ...	30.25	61		N	3	c	30.14	-14	62	58	+4	N	4	b	3	c	64	55	-	
	Cuxhaven ...	30.13	61		WNW	4	c	29.98	-22	61	58	+1	NW	5	c	#	c	63	60	-	
	Berlin ...	30.07	60		WSW	3	c	29.86	-28	58	57	+1	W	3	r	#	c	64	?	-	
	Wiesbaden ...	#	#		#	#	#	30.07	-16	54	51	-3	N	1	0	#	#	66	50	-	
	Munich ...	30.15	56		NE	3	b	30.04	-21	51	49	-2	NE	1	b	#	b	66	41	-	
	The Helder ...	30.22	61		WNW	3	0	30.12	-17	60	58	+1	WNW	5	0	3	0	63	59	0.04	
	Brussels (9 a.m.)	#	#		#	#	#	30.12	-17	57	57	-1	N	1	f	#	b	65	51	0.04	
	Cape Gris Nez	30.18	60		ESE	4	c	30.11	-12	60	57	+1	NE	4	0	4	c	64	55	-	
	Paris ...	30.12	66		NE	3	b	30.09	-13	52	49	-3	NE	2	b	#	b	74	47	-	
	Brest ...	?	60		E	4	0	?	?	58	57	-2	NE	2	c	3	0	70	54	-	
FRANCE AND BELGIUM.	Lorient ...	30.10	65		NNE	5	c	30.09	-05	57	53	-2	NE	5	c	2	c	68	55	-	
	Rochefort ...	29.99	67		NW	4	0	29.93	-04	59	59	-3	NE	4	0	#	0	73	57	0.16	
	Belfort ...	?	64		NE	3	b	?	?	60	54	-6	NE	3	b	#	b	73	46	-	
	Lyons ...	29.97	70		WNW	1	0	29.95	-15	59	55	+4	N	1	r	#	0	75	?	0.04	
	Nice ...	29.95	73		E	4	0	29.89	-15	65	62	-3	Z	0	c	3	0	79	61	0.12	
	Perpignan ...	29.92	68		Z	0	0	29.94	-01	61	60	-4	SW	1	bc	#	0	70	55	0.20	
	Biarritz ...	29.98	67		WNW	3	0	29.92	-04	62	58	-4	E	3	r	1	0	68	61	-	
	Corunna ...	30.09	#		#	#	#	30.06	+03	70	65	-5	WNW	2	b	#	b	79	63	-	
	Lisbon ...	30.09	68		WNW	2	b	30.06	+03	70	65	-5	WNW	2	b	#	b	79	63	-	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

PORT WEATHER CHARTS

for 8 a.m. on Wednesday, 30th Aug: 1893.

BAROMETER, WIND AND 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

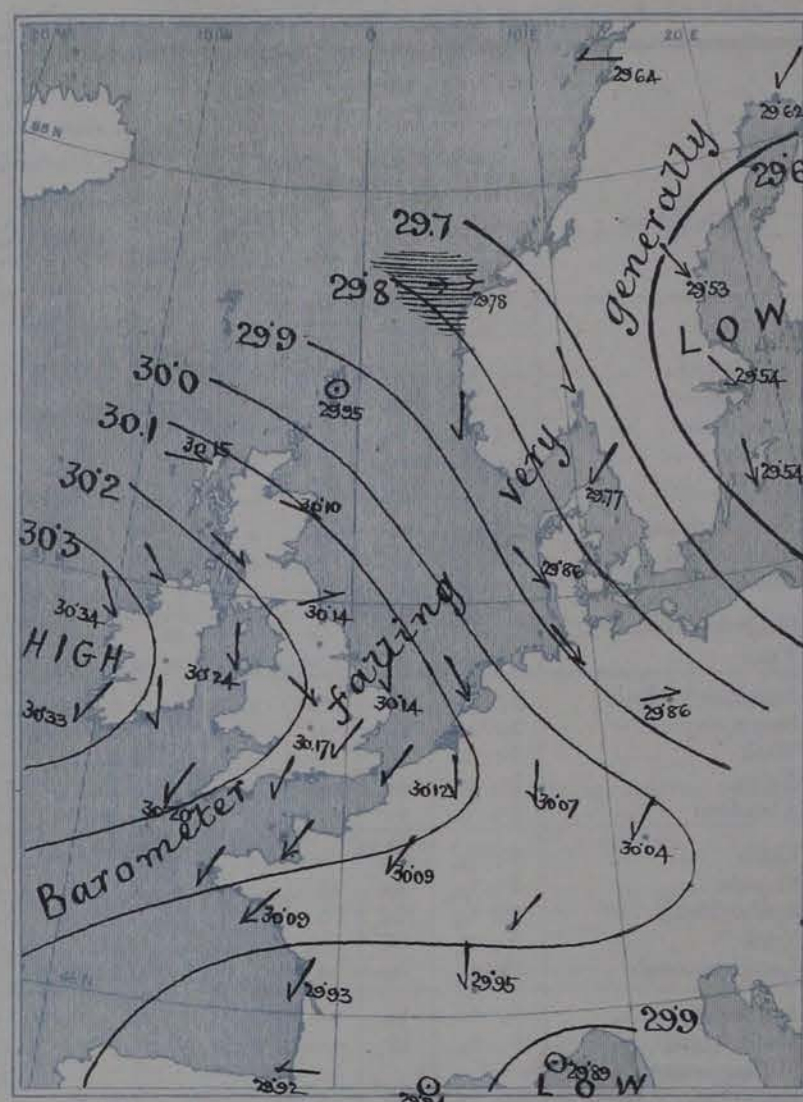
at 8 a.m. for the month of August,

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.781
Stornoway	29.796
Wick	29.810
Nairn	29.819
Aberdeen	29.822
Leith	29.849
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaglmore	29.868
Donaghadee	29.870
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.920
Valencia	29.927
Roche's Point	29.927
Pembroke	29.928
Scilly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.965
Dover	29.949
LONDON	29.954
Oxford	29.948
Cambridge	29.937
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.

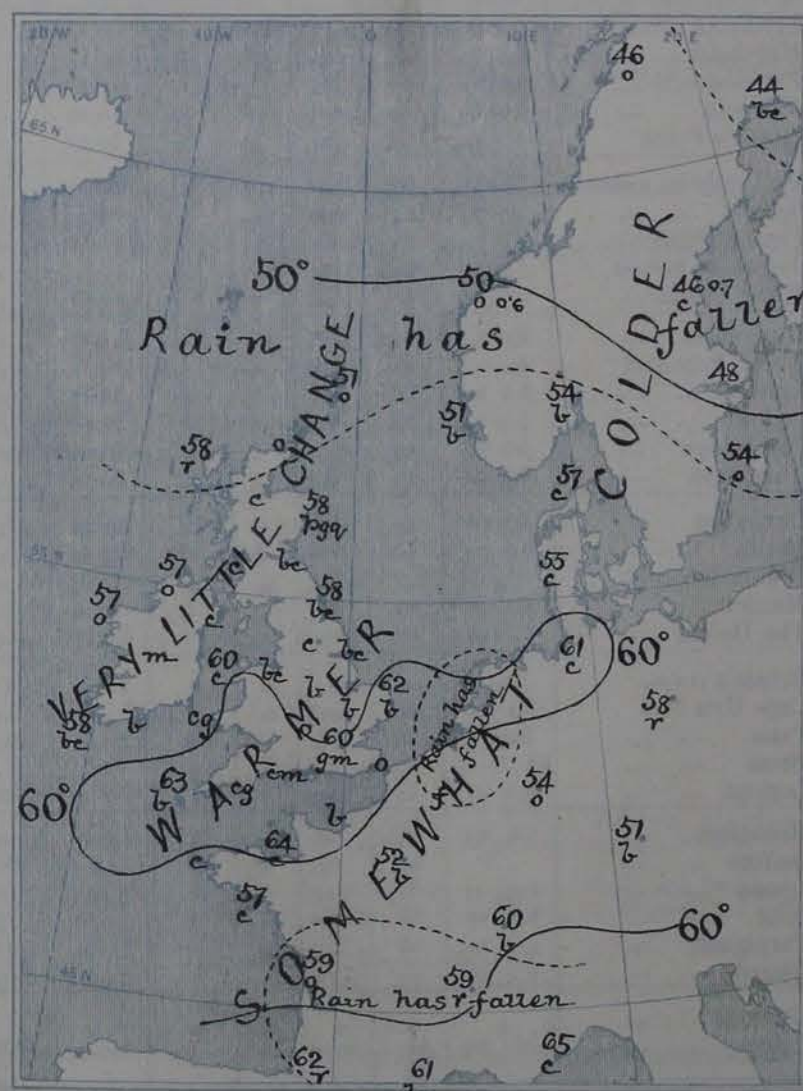
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of August.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry.	Wet.	
Sumburgh Head	57.7	48.4	53.4	51.7	3.16
Stornoway	59.8	48.8	54.8	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Nairn	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.58
Shields	63.6	51.9	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.86
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.9	2.53
Ardrossan	63.6	52.8	57.2	54.8	3.78
Mullaglmore	63.3	53.8	57.3	54.5	3.65
Donaghadee	62.2	52.2	56.0	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	51.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roche's Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.6	56.5	2.77
Scilly	64.9	57.0	60.9	58.8	2.89
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	58.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.3	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.6	2.15

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins: and upwards in an anticyclone extending from the Atlantic over the west and south of Ireland.

Lowest, 29.6 ins: and less, over Sweden, the Gulf of Bothnia and the northern part of the Baltic.

Gradients slight. Barometer falling generally.

TEMPERATURE

Highest, 70° at Lisbon, 65° at Nice, 64° at Jersey, 63° at Scilly, and 62° at Buzen, Yarmouth, and Biarritz.

Lowest, 44° at Haparanda, 46° at Bodö and Helsingfors, 48° at Stockholm, and 51° at Skutumpah and Sumburg H^{ts}; (2) 51° at Munich, and 52° at Paris.

The maxima registered over our Islands yesterday varied as a rule between 65° and 70°, but at Lenth the thermometer rose to 74°.

WIND

Light to moderate from the NW² over the northern part of the United Kingdom, as well as over the greater part of Scandinavia and Denmark, but strong to a gale from the W² at Christiansund.

NE¹ over the south of our Islands and the greater part of France, but variable in the south of France.

Drizzle over the greater part of Ireland and England, but cloudy at the Scotch and Continental stations. Rain is falling at Lomoway and also at Berlin, Lyons, and Biarritz and passing showers at Aberdeen.

WEATHER

In the course of the past 24 hours a little rain has fallen in the north of Scotland as well as in the Netherlands and south of France, and larger quantities at the Scandinavian stations.

SEA

Slight or smooth generally, but rather rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is gradually breaking up, but there are at present no indications of the advance of any important depression towards our Islands. The general character of the weather is therefore likely to remain unchanged for the present.

FORECASTS

For the 24 hours ending at NOON on 31st August, 1893.

DISTRICTS.

FORECASTS.

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

W² and NW² winds, moderate; cloudy, local showers.

W² winds, light; fair to cloudy and showery.

N² to NW² winds, light; fair generally.

DISTRICTS.

FORECASTS.

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

NW² winds, light; fair generally.

N² and NE² winds, light; fair generally.

NW² winds, moderate; cloudy local showers.

Same as Nos 6 & 7.

None issued.

WARNINGS

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Dirac.	F.	WEA.	SEA.		BAR.	THER. Dry.	Wet.	WIND. Dirac.	F.	WEA.	SEA.
		Dry.	Wet.												
Skudesnaes ...	?	59	57	W	6	c	2	Valencia ...	30.40	63	60	NE	3	cm	3
Sumburgh Head	30.10	54	53	W	3	o	3	Scilly ...	30.30	65	57	NNE	3	b	2
Stornoway ...	30.32	59	57	W	3	o	3	Jersey ...	30.23	61	59	NE	5	bc	4
Aberdeen ...	30.25	65	58	W	6	bcy	4	Hurat Castle ...	30.27	68	61	ENE	3	c	2
Shields ...	30.27	67	59	NE	1	o	2	Dungeness ...	30.24	66	59	NE	4	o	3
Ardrossan ...	30.31	65	59	W	3	b	2	North Foreland ...	30.25	63	59	NE	4	bc	5
Malin Head ...	30.39	60	54	NW	3	b	2	London ...	30.29	66	56	N	2	c	#
Mullaghmore ...								Yarmouth ...	30.28	63	58	N	3	cy	4
Belmullet ...	30.44	60	55	N	1	o	#	Rocheport ...	30.01	66	63	NE	4	o	#
Holyhead ...	30.36	61	57	N	2	b	1								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southeastern Europe and the south of Italy, also in many parts of France, the south of England and at the Welsh stations. Cloudy or overcast in most other places, with rain in the northwest of Norway. Considerable rain over Scandinavia later, and a little at the Scottish northern stations; slight falls in the Netherlands and in the south of France also.

Temperatures highest 83° to 86° over Tunis, and exceeding 70° on the southern shores of the Mediterranean, the eastern shores of the Adriatic, and at Constantinople. Much lower elsewhere, below 60° over our Islands and the greater part of the Continent, and as low as 41° to 44° over Iceland and the north of Russia. Rising lakes to between 70° and 74° over the northeast of England, the southeast of Scotland and the north of France, and touching 73° at Rochefort, 75° at Lyons and 79° at Nice and Lisbon. Succeeding night milder than of late.

Wind varying greatly, (1) W³ in the north of Scotland and the west of Norway; (2) N³ over Iceland, the Gulf of Bothnia, NW³ over the Baltic Provinces and north Germany, W¹ over Hungary and the south of Russia; (3) NW³ in the north of England, N³ in the east of England, NE¹ and fresh in the Channel as well as over the Bay of Biscay; NW³ at Lisbon. Becoming stronger from NW on the Norwegian coast later, no great change elsewhere.

Barometer highest 30.4 ins. and more over the west of Ireland and neighbouring parts of the Atlantic and exceeding 30.7 ins. in a well defined ridge extending thence across England to the Netherlands, central Europe and Hungary. Lowest 29.3 ins. and less in a depression over Central Russia; 29.7 ins. and less, in another off the east of Denmark, and 30.0 ins. and less, in a third over Spain and the southwest of France. Falling generally over our Islands later, rising in the northwest of Norway and at Lisbon.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

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

1893

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.			BAROMETER.		SHADE TEMP.			WIND.				SHADE TEMP.				
Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.	Amount of Rainfall.			
Ins.	°				Ins.		°	°	°									ins.		
SCANDINAVIA.																				
Haparanda ...																				
Hernösand ...																				
Stockholm ...																				
Wisby ...																				
Bodö ...	29.72	49	Z	0	b	29.80	+16	50	47	+4	ENE	1	b	1	b	50	43			
Christiansund...	29.76	48	S	2	r	29.89	+11	46	44	-4	SSW	4	r	4	r	50	41	0.51		
Skudesnaes ...	29.77	53	WNW	6	c	29.80	-14	45	44	-6	WNW	4	b	2	c	56	?			
Christiania Fjord (Fæder)	29.62	55	NW	3	b	29.71	-07	48	43	-6	NNE	8	b	2	b	59	48			
Skagen (The Scaw)	29.63	57	W	2	c	29.64	-13	45	45	-12	NW	2	0	1	c	59	45	0.24		
Fanö ...	29.73	55	WNW	4	r	29.67	-19	55	49	0	NW	6	b	4	r	61	52	0.04		
Sumburgh Head	29.92	50	N	3	b	29.95	-00	51	47	0	NNE	1	b	2	b, b	56	44			
Stornoway ...	30.05	58	W	2	0	29.95	-20	55	54	-3	SE	2	0	3	0	60	53	0.07		
Wick ...	29.99	55	N	2	r	29.99	-06	52	50	-4	N	1	b	1	d	60	45	0.10		
Nairn ...	30.01	59	W	1	c	29.97	-16	52	51	-6	SE	1	0	1	c	60	49	0.11		
Aberdeen ...	29.99	59	NW	5	0.99p	29.98	-12	51	48	-7	NNE	2	c	3	0.9p	64	49	0.24		
Leith ...	30.03	62	W	4	b	29.94	-19	58	56	0	NE	3	0	4	b	72	56	0.02		
Shields ...	30.03	59	ENE	1	c	29.93	-21	59	57	+1	WSW	2	0	2	c, c, r	66	55	0.01		
Spurn Head ...	30.01	62	ENE	2	b	29.92	-22	59	56	-1	NW	4	0	3	b	65	57			
York ...	30.04	67	W	2	b	29.96	-21	59	56	+2	WNW	2	c	4	b	72	53			
Loughborough	30.08	65	W	4	b	29.99	-21	60	57	0	WNW	3	c	4	b	75	55			
ISLANDS.																				
Ardrossan ...	30.08	61	WNW	4	c	29.95	-21	62	60	+3	W	3	0	2	c	65	57			
Malin Head ...	30.16	59	NW	3	c	30.01	-24	59	59	+2	NW	4	0.2	2	0, c	60	57	0.04		
Mullaghmore ...																				
Belmullet ...	30.25	60	WNW	1	0	30.16	-18	61	59	+4	NW	3	0	4	0	63	54			
Donaghadee ...	30.16	60	NW	4	c	30.03	-25	61	59	+3	WNW	4	c	2	c	64	55			
BRITISH.																				
Liverpool (Bldston)	30.13	60	W	4	0	30.00	-21	59	58	0	WNW	4	0	3	0	62	58			
Holyhead ...	30.16	60	WNW	2	c	30.05	-19	59	58	-1	NW	3	0.9	2	c	63	58			
Parsonstown ...	30.23	58	Z	0	c	30.13	-18	57	55	+2	SW	1	0.9	4	c	62	54			
Valencia ...	30.27	58	NNE	2	c	30.19	-14	60	59	+2	N	2	0	3	b, c, c	62	53			
Roche's Point	30.23	62	N	3	b	30.17	-12	59	56	+4	WNW	3	0	3	b	65	55			
Pembroke (St. Ann's Hd.)	30.15	59	N	4	b	30.08	-15	58	55	0	NW	3	0.9 p	3	b	64	55			
Scilly ...	30.16	62	NE	4	b	30.10	-10	62	57	-1	WNW	4	c	2	b	70	58			
Prawle Point ...	30.11	63	WSW	2	c	30.06	-12	62	58	+1	NW	1	b	0	c	71	52			
Jersey (St. Aubin's)	30.07	67	NNE	4	b, c	30.03	-11	65	62	+1	NW	1	c	1	0, b	69	59			
Hurst Castle ...	30.08	66	WSW	1	m	30.02	-16	62	58	+2	NW	1	b, c	1	m	69	52			
Dungeness ...	30.03	64	SSE	3	b	29.93	-20	57	56	-5	N	2	m	1	b, p	69	54	0.02		
North Foreland	30.02	62	E	2	b	29.92	-20	61	59	0	N	3	b	3	b	65	55	0.01		
London ...	30.05	66	WSW	1	0.9 m	29.99	-18	58	56	-2	W	2	b	4	c, 0.9, p	74	54	0.03		
Oxford ...	30.08	63	NW	2	b	30.00	-18	59	56	-1	NW	2	0	4	c, b	75	53			
Cambridge ...	30.03	68	WNW	2	b	29.97	-20	59	57	0	WSW	1	0	4	b	76	51			
Yarmouth ...	30.03	63	ENE	2	b	29.92	-22	59	57	-3	W	3	c	3	b	66	52			
GERMANY & HOLLAND.																				
Cuxhaven ...	29.93	57	WNW	4	b	29.79	-19	57	55	-4	NW	5	b	4	b	61	57	0.10		
Berlin ...	29.83	59	W	4	0	29.69	-17	55	54	-3	W	3	r	4	0	66	55	0.12		
Wiesbaden ...						29.91	-16	60	57	+6	N	2	0	4		68	50			
Munich ...	29.99	57	NE	1	b	29.91	-13	56	54	+5	E	1	0	4	b	66	50			
The Helder ...	30.02	64	NW	4	c	29.92	-20	59	55	-1	WNW	4	0	3	c	63	59			
FRANCE AND BELGIUM.																				
Brussels (S.A.M.)						29.94	-18	57	56	0	SW	1	c	4	b	69	51	0.04		
Cape Gris Nez	30.04	60	NE	2	b	29.95	-16	59	57	-1	NW	2	m	3	b	66	57			
Paris ...	30.06	67	NNE	2	0	30.00	-09	54	53	+2	N	1	0	4	0	74	52			
Brest ...	?	66	ENE	4	b	?	?	58	58	0	NE	2	0	4	b	72	54			
Lorient ...	30.01	68	NE	4	b	30.04	-05	59	57	+2	NNE	4	b	2	b	72	55			
Rochefort ...	29.93	62	NE	4	0	29.94	+01	59	58	0	NE	4	b	4	0	68	57	0.04		
Belfort ...	?	64	NE	3	b	?	?	62	56	+2	NE	3	b	4	0	67	46			
Lyons ...	29.92	58	N	1	0	29.85	-10	62	55	+3	WNW	2	0	4	0	69	57			
Nice ...	29.86	65	Z	0	r	29.71	-18	64	60	-1	E	1	0	2	+	81	61			
Perpignan ...	29.85	65	Z	0	r	29.82	-12	66	60	+5	WNW	3	0	4	t	77	59	0.43		
Biarritz ...	29.94	65	W	5	t	29.95	+03	63	59	+1	NE	3	0	2	t	70	61	0.51		
PENIN- SULA.																				
Corunna ...																				
Lisbon ...	30.06	68	WNW	3	b	30.02	-04	68	63	-2	ESE	2	0	4	b	79	64			

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 31st August, 1893.

BAROMETER, WIND AND 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

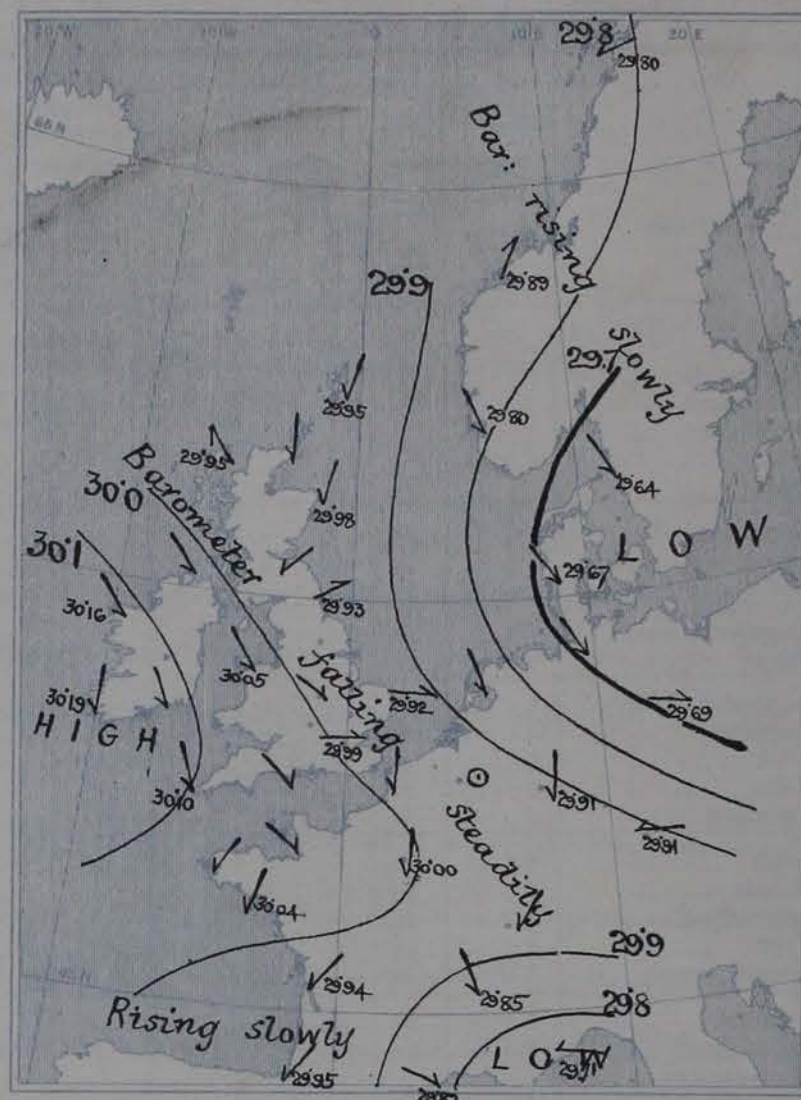
at 8.0 a.m. for the month of August.

During the 20 Years 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sunbury Head	29.781
Stormway	29.796
Wick	29.810
Naim	29.819
Aberdeen	29.832
Leith	29.840
Shields	29.871
Spurn Head	29.905
York	29.906
Loughborough	29.928
Ardrossan	29.857
Mullaghmore	29.868
Donaghadee	29.879
Holyhead	29.907
Liverpool	29.906
Parsonstown	29.925
Valencia	29.927
Roches Point	29.927
Pembroke	29.928
Selly	29.962
Prawle Point	29.975
Jersey	29.984
Hurst Castle	29.985
Dover	29.949
LONDON	29.954
Oxford	29.918
Cambridge	29.937
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.

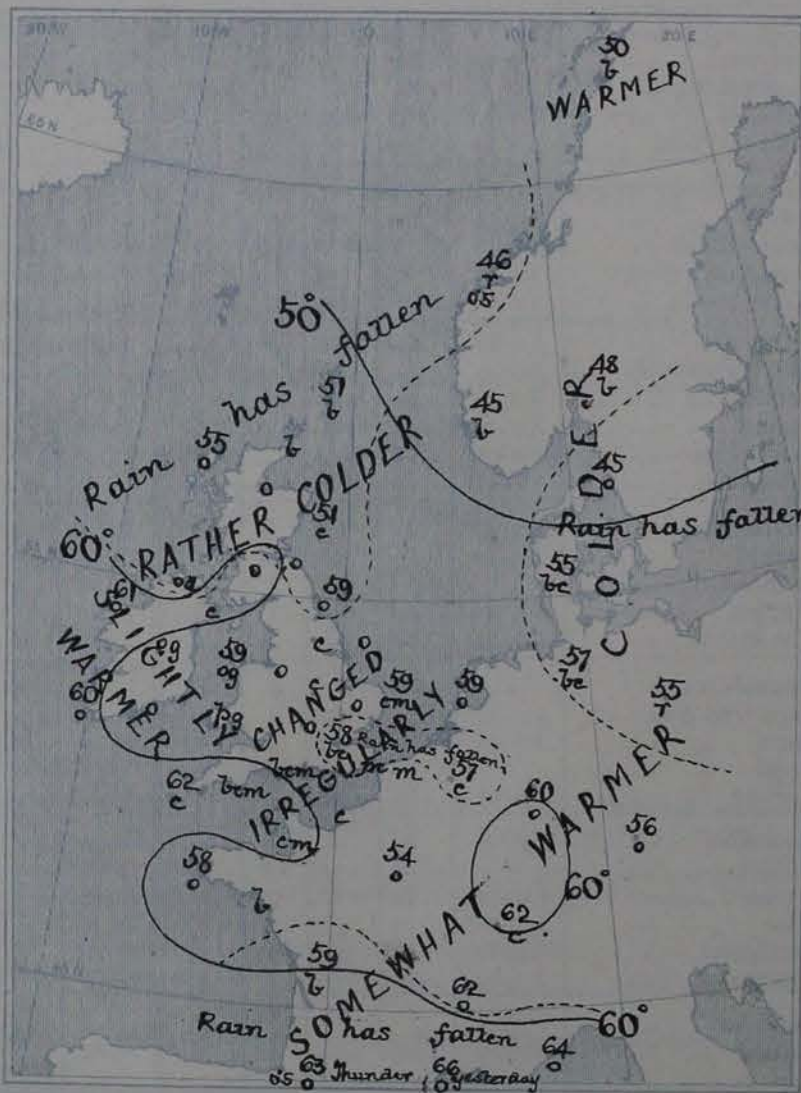
WEATHER is shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of .10 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.	
Sunbury Head	57.7	48.4	53.4	51.7	3.16
Stormway	59.8	48.8	54.9	53.2	3.67
Wick	61.1	48.3	55.2	53.2	2.57
Naim	63.4	50.3	55.5	52.7	2.75
Aberdeen	63.1	50.1	56.5	53.4	3.03
Leith	65.7	51.3	57.5	54.4	2.56
Shields	64.6	51.0	57.2	54.5	2.85
Spurn Head	64.3	55.0	58.8	56.6	1.89
York	67.9	51.3	57.7	55.0	2.54
Loughborough	70.4	51.8	59.3	56.0	2.53
Ardrossan	63.6	59.8	57.2	54.8	3.78
Mullaghmore	63.3	59.8	57.3	54.0	3.65
Donaghadee	62.2	52.2	56.9	55.3	3.04
Holyhead	64.1	54.8	58.4	56.2	2.77
Liverpool	65.8	54.1	58.5	56.2	2.83
Parsonstown	66.0	54.4	57.3	55.2	3.38
Valencia	64.7	54.1	59.3	56.9	4.70
Roches Point	66.1	53.8	58.9	56.3	3.62
Pembroke	63.2	55.6	58.0	56.5	2.77
Selly	64.9	57.0	60.9	58.8	2.39
Prawle Point	65.3	54.4	60.1	57.9	2.14
Jersey	68.8	57.1	62.8	59.6	2.24
Hurst Castle	68.1	55.9	61.0	58.9	2.26
Dover	67.2	56.7	62.0	58.6	2.04
LONDON	71.8	53.5	60.9	57.3	2.21
Oxford	69.3	53.0	58.8	56.0	2.24
Cambridge	71.2	51.8	60.0	57.1	2.19
Yarmouth	66.3	54.8	60.5	57.0	2.15

NOTE—The Temperatures means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1865-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and upwards in an anticyclone extending from the Atlantic over the southern parts of Ireland.

Lowest, 29.7 ins. and less, in a depression lying over Denmark, North Germany, and the south of Sweden.

Gradients slight. Barometer rising in Scandinavia and also in the west of France, but falling elsewhere.

TEMPERATURE

Highest, 68° at Lisbon, 66° at Perpignan, 65° at Jersey, 64° at Nice, 63° at Biarritz, and 62° at Ardrossan, Lilly, Howle Point and Hunt Castle.

Lowest, 45° at Skudenes and Slagen, 46° at Christiansund, 48° at Færevik, 50° at Bodø, and 51° at Sumburgh Head and Aberdeen.

During yesterday the thermometer rose to between 70° and 75° at several of our central and southern stations, and to 76° at Cambridge.

WIND

Light to moderate from the NWnd over the greater part of Ireland, England, Denmark, and the Netherlands, but variable in Scotland and the coast of Norway.

Nth or NEth in the western and northern parts of France; variable in the south of that country; Eth at Lisbon.

WEATHER

Cloudy or overcast in most parts of Western Europe, but fine in the extreme south of England, as well as at many of the Scandinavian and Danish stations.

Drizzling rain is falling at Malin Head and passing showers at Pembroke.

Rain fell yesterday in many parts of Scotland and showers were experienced early this morning in the southeast of England.

Thunderstorms and heavy rain have occurred at Biarritz and Perpignan.

SEA

Light or smooth on all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A shallow depression is apparently forming off the west of Scotland, and as the conditions are favourable for its advance southwards, less settled weather is probable over England, with thunder in places.

FORECASTS

For the 24 hours ending at NOON on 1st September 1893.

DISTRICTS.

FORECASTS.

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

Light Variable breezes; cloudy, local showers.

Same as N° 5

Wth and NWth winds, light; cloudy local thundershowers

DISTRICTS.

FORECASTS.

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


NWth winds, light; cloudy, showery.


Same as N° 5

Same as N° 6.

WARNINGS

None issued.

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.86	56	48	WNW	6	c	2	Valencia ...	30.31	60	57	NNE	3	bcm	3
Sumburgh Head ...	29.92	54	51	H	3	bc	3	Scilly ...	30.16	66	57	NE	4	b	2
Stornoway ...	30.01	60	57	W	4	o	3	Jersey ...	30.10	67	62	NE	5	o	4
Aberdeen ...	30.03	61	56	WNW	5	oggy	3	Hurst Castle ...	30.12	69	64	WSW	1	m	1
Shields ...	30.07	62	57	E	2	o	2	Dungeness ...	30.09	68	63	NE	3	bc	3
Ardrossan ...	30.12	64	60	WNW	4	c	2	North Foreland ...	30.09	65	61	NNE	2	b	3
Malin Head ...	30.20	59	56	NW	4	c	2	London (Westminster) ...	30.09	71	60	NW	1	c	#
Mullaghmore ...								Yarmouth ...	30.10	65	60	NNE	3	b	3
Belmullet ...	30.31	62	55	NW	1	o	#	Rocheport ...	29.93	59	59	NE	5	o	#
Holyhead ...	30.21	63	59	WNW	3	c	2								

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over Austria-Hungary, south Germany, and many parts of France and the British Isles; cloudy or overcast elsewhere. Rain falling at Stornoway, Aberdeen, Riga, Biaritz and Ibulon; fog prevalent at Brussels and some stations in England. Some rain later on all our northern coasts as well as over the North Sea, and a considerable fall in the southwest of France, where thunder also occurred.

Temperature risen somewhat over England, but readings low very generally for time of year. Morning readings highest 80° to 82° over Tunis, and exceeding 70° on the western, southern, and eastern shores of the Mediterranean as well as at Thiers and Constantinople. Below 60° in nearly all other parts of Europe, and lowest of all (1) 37° at Archangel, 42° to 45° over Iceland and the north of Russia, 47° at Riga, 50° at Kieff, Kharkoff, and at Christiansund, 51° at Lumburgh Mt., 55° at Janö, 56° at Wick; (2) 48° at Hamausadt, 50° at Prague and Vienna. Rising later to between 70° and 76° in many parts of England and France, to 79° at Lisbon, and to 81° at Nice.

Wind moderate and anticyclonic over our Islands and France, NW¹ at our northern stations, N¹ in the west, NE¹ in the south and over France and the Bay of Biscay; strong to a gale from the NW² on the eastern shores of the North Sea and in Sweden, light W¹ and SW¹ over central Europe, SE¹ at Riga; very variable and light over the Mediterranean. Becoming variable over our inland districts later.

Barometer highest 30.3 ins. and more over the west of Ireland and neighbouring parts of the Atlantic, and exceeding 30.0 ins. in a "ridge" extending thence across England and the north of France to western Germany and Austria. Lowest 29.4 ins. and less, to 29.5 ins. in a complex and secondary depression on the eastern side of the Baltic, and below 29.5 ins. in a larger system over the northeast of Russia, falling over our Islands later—most in the east and southeast.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
DATE.	STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.	
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).				Max.	Min.		
1	Corunna	*	*	*	*	*	30.12	-0.14	67	62	+3	NNE	5	0	3	*	68	59	-	
2	Corunna	*	*	*	*	*	30.12	0.00	67	61	0	NE	1	?	2	*	68	57	-	
3	Haparanda	29.73	61	SW	2	0	29.64	-0.12	58	58	-10	SW	2	7	*	0	82	55	0.43	
	Corunna	*	*	*	*	*	29.96	-0.16	66	62	-1	N	1	0	3	*	70	54	-	
4	Corunna	*	*	*	*	*	30.07	-0.05	71	67	+5	SSW	4	c	3	*	71	57	-	
5	Corunna	*	*	*	*	*	30.17	+0.10	73	67	+2	SSW	5	0	3	*	73	61	-	
7	Corunna	*	*	*	*	*	29.97	-	72	67	-	SSW	2	b	1	*	72	59	-	
8	Corunna	*	*	*	*	*	29.91	-0.06	70	67	-2	N	2	0	2	*	72	59	-	
	Sumburgh H. 2pm	-	-	-	-	-	30.07	-	58	56	-	N	1	c	3	-	-	-	-	
9	Perpignan	30.05	73	NW	2	0	30.11	+0.01	66	-	-3	SE	1	f	*	0	78	64	-	
	Corunna	*	*	*	*	*	29.93	+0.02	73	65	+3	SSW	6	b	1	-	75	59	0.04	
10	Belfort	?	76	E	3	b	?	?	68	-	+1	E	3	bc	*	b	84	54	-	
	Corunna	*	*	*	*	*	30.06	+0.13	73	-	0	S	4	c	3	*	79	57	-	
11	Corunna	*	*	*	*	*	30.16	+0.10	71	65	-2	N	3	b	2	*	73	54	-	
12	Belfort	?	67	NW	1	7	?	?	68	-	+5	ENE	1	m	*	7	82	54	0.24	
	Corunna	*	*	*	*	*	30.08	-0.08	65	64	-6	N	2	bc	2	*	71	55	-	
13	Corunna	*	*	*	*	*	29.94	-0.14	66	65	+1	NE	3	b	2	*	75	57	-	
14	Corunna	*	*	*	*	*	30.01	+0.07	73	67	+7	N	3	0	2	*	73	62	-	
15	Corunna	*	*	*	*	*	30.13	+0.12	70	68	-3	NW	3	0	2	*	73	64	-	
16	Corunna	*	*	*	*	*	30.10	-0.03	73	68	+3	NW	1	0	2	*	73	63	-	
17	Brussels	*	*	*	*	*	30.10	-0.09	72	-	0	SW	1	b	*	0	85	62	-	
	Corunna	*	*	*	*	*	29.97	-0.13	75	-	+2	SW	3	0	2	*	75	61	-	
18	Corunna	*	*	*	*	*	29.97	0.00	75	68	0	SW	3	bc	1	*	75	61	-	
19	Bodo	29.85	50	Z	0	b	29.63	-0.40	54	50	+8	E	4	7	2	b	54	43	-	
	Christiansund	29.68	59	E	2	7	29.66	-0.22	60	58	+8	SW	3	m	2	76	60	57	0.47	
	Cape Gris Neg.	29.80	70	SW	2	bc	29.90	+0.01	67	-	-10	NW	3	0	3	bc	91	64	-	
	Corunna	*	*	*	*	*	30.02	+0.05	69	65	-6	SW	4	bc	2	*	77	57	-	
21	Orient	29.91	69	SW	5	0	29.78	-0.18	68	-	0	SSW	7	7	4	0	84	64	-	
	Corunna	*	*	*	*	*	29.98	-	75	69	-	NW	7	0	4	*	79	64	-	
	Aberdeen 2pm	-	-	-	-	-	29.13	-	62	55	-	S	7	bc	6	-	-	-	-	
22	Corunna	*	*	*	*	*	30.04	+0.06	72	66	-3	SSW	6	b	4	*	75	50	-	
23	Corunna	*	*	*	*	*	30.06	+0.02	73	68	+1	S	5	c	4	*	77	61	-	
24	Perpignan	30.05	79	NE	2	b	30.14	+0.04	72	-	+1	Z	0	b	*	b	86	64	-	
	Corunna	*	*	*	*	*	30.14	+0.08	71	67	-2	N	5	b	4	*	77	52	-	
25	Belfort	?	78	N	3	bc	?	?	62	-	-5	N	3	c	*	bc	85	51	-	
	Corunna	*	*	*	*	*	30.05	-0.09	78	70	+7	N	1	b	2	*	79	62	-	
26	Lisbon	30.12	71	NW	3	0	30.13	0.00	69	-	+1	NW	1	0	*	0	?	?	-	
28	The Helder	30.10	59	N	2	c	30.21	+0.17	60	-	+2	N	3	b	2	c	67	57	0.04	
	Corunna	*	*	*	*	*	29.95	?	67	64	?	S	1	7	0	*	82	61	-	
29	Belfort	?	64	NE	3	b	?	?	62	56	0	NE	3	b	*	b	73	45	-	
	Corunna	*	*	*	*	*	30.04	+0.09	67	61	0	NNE	6	b	8	*	73	59	-	
30	Corunna	*	*	*	*	*	29.99	-0.05	66	60	-1	S	3	b	2	*	68	54	-	
31	Haparanda	29.61	44	NE	2	b	29.65	+0.03	46	42	+2	NE	4	0	*	b	55	36	-	
	Hernösand	29.60	47	NW	6	0	29.68	+0.15	46	42	0	NW	6	c	*	0	50	41	0.12	
	Stockholm	29.54	48	N	2	b	29.54	0.00	45	44	-3	N	2	0	*	b	55	45	0.12	
	Kristby	29.55	54	NW	6	b	29.52	-0.02	52	47	0	NW	4	bc	*	b	59	50	-	
	Corunna	*	*	*	*	*	29.99	0.00	66	61	0	E	1	bc	2	*	68	52	-	

REPORTS FOR AUGUST, 1893.

2. CORRECTIONS.

		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
DATE.	STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
		Reading at 52° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).		Reading at 52° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.			
2	Doughborough	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-		
3	Christiania Fjord	29.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	Valencia	29.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Parsonstown	29.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	Aradossan 2pm	-	-	-	-	-	29.97	-	-	-	-	-	-	-	-	-	-	-		
10	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	63	-		
	Yarmouth	-	-	-	-	-	30.07	- 08	-	-	-	-	-	-	-	-	-	-		
11	Prawle Point	29.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	North Foreland	29.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
12	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.40		
	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.21		
14	Hurst Castle 2pm	-	-	-	-	-	30.20	-	-	-	-	-	-	-	-	-	-	-		
16	Shields	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-		
	Liverpool	-	-	-	-	-	-	-	67	-	8	-	-	-	-	-	-	-		
	North Foreland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-		
17	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20		
	Prawle Point	30.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
18	Mairn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-		
	Valencia	-	-	-	-	-	29.70	- 22	-	-	-	-	-	-	-	-	-	-		
	Roches Point	-	-	-	-	-	29.68	-	-	-	-	-	-	-	-	-	-	-		
19	Wick	29.52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Liverpool	-	-	-	-	-	-	-	68	65	+ 1	-	-	-	-	-	-	-		
20	Cuxhaven	-	?	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Belmullet 2pm	-	-	-	-	-	-	-	61	55	-	-	-	-	-	-	-	-		
21	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-		
	Parsonstown	29.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Hurst Castle	-	-	-	-	-	-	-	-	-	-	88	7	-	-	-	-	-		
22	Christiania Fjord	29.69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Stornoway	28.88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-		
23	Stockholm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.51		
	Belmullet	-	-	-	-	-	-	-	57	53	- 2	-	-	-	-	63	-	-		
24	Parsonstown	29.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Brest	-	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
27	Mairn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-		
29	York	-	-	-	-	-	30.34	+ 02	-	-	-	-	-	-	-	-	-	-		