

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS

1ST JULY TO 31ST DECEMBER, 1898.

DAILY WEATHER REPORT.

July to December 1898.



DAILY WEATHER REPORT

for 8 a.m. on

Monday, 1st August,

1898.

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.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.				Max.	Min.	Rainfall.
SCANDINAVIA.	Ins.	°					Ins.	Ins.	°	°	°							°	°	Ins.
	Haparanda ...	29.73	58	N	2	c	29.52	-.40	53	53	- 4	N	4	τ	#	c	#	68	50	0.39
	Hernösand ...	29.66	62	N	2	c	29.52	-.33	60	52	+ 2	NW	6	τ	#	c	#	70	57	-
	Stockholm ...	29.46	55	NW	6	τ	29.52	-.05	57	55	- 2	NW	2	0	#	τ	#	61	54	1.38
	Wisby ...	29.46	57	NNE	9	τ	29.60	+ .02	59	55	0	NW	10	0	#	τ	#	64	54	1.14
	Karlstad ...	29.72	60	NW	2	bc	29.67	-.06	59	53	+ 7	N	2	τ	#	bc	#	#	#	-
	Bodö ...	29.81	55	N	2	b	29.65	-.36	56	50	+ 3	E	4	τ	1	b	#	59	48	-
	Christiansund ...	29.81	50	N	1	c	29.72	-.25	54	51	+ 3	SW	1	c	3	c	#	59	48	0.04
	Skudesnaes ...	29.93	51	S	2	τ	29.84	-.17	53	51	- 1	N	2	0	1	c, r, f	#	56	48	#
	Færder (Christiania Fjord) ...	29.77	61	WSW	1	b	29.69	-.16	59	54	+ 4	NW	1	τ	3	b	#	63	54	-
BRITISH ISLANDS.	Skagen (The Scaw) ...	29.81	55	N	4	b	29.74	-.11	58	56	+ 3	NW	4	0	1	b	#	63	54	-
	Fanö ...	29.95	57	NW	6	c	29.92	-.03	57	56	+ 2	N	4	0	#	c	#	59	54	-
	Sumburgh Head ...	29.86	53	N	2	τ	29.67	-.17	54	54	0	N	5	τ	5	τ	#	55	50	0.12
	Stornoway ...	29.97	57	N	3	0	29.81	-.14	57	56	+ 2	N	4	τ	4	τ	#	59	52	0.08
	Wick ...	29.98	56	N	1	0	29.83	-.12	59	56	- 1	N	3	0	1	0	#	61	52	0.02
	Nairn ...	29.97	60	NW	1	c	29.86	-.11	60	57	- 1	SW	2	c	1	c	#	69	53	-
	Aberdeen ...	29.98	55	NE	1	og	29.88	-.09	63	56	+ 3	N	1	τ	1	p, og	#	70	54	0.01
	Leith ...	29.94	65	WSW	3	c	29.98	+ .02	59	55	0	WSW	3	0	#	c	#	70	53	-
	Shields ...	30.03	66	N	3	c	29.99	-.04	61	57	+ 2	N	3	c	2	c	#	71	54	-
	Spurn Head ...	30.08	64	NW	4	c	30.04	-.10	63	59	+ 2	NW	3	c	3	c	#	69	59	-
GERMANY & HOLLAND.	York ...	30.11	65	N	3	b	30.06	-.10	63	58	+ 5	N	2	bc	#	c	#	71	56	-
	Loughborough ...	30.12	75	N	2	b	30.11	-.11	65	61	+ 7	N	3	c	#	bc, c	#	77	54	-
	Ardrossan ...	30.05	61	NW	3	0	30.02	-.06	58	57	+ 2	WSW	3	0	3	0	#	63	51	-
	Malin Head ...	30.10	59	N	4	omp	30.04	-.03	59	50	0	SW	5	c, pm	4	c, omp	#	60	55	0.02
	Belmullet ...	30.17	60	N	1	om	30.14	-.02	60	59	0	NW	3	0	#	0	#	64	57	0.02
	Donaghadee ...	30.12	62	NW	3	bc	30.08	-.07	60	57	+ 3	NW	3	c	1	bc	#	70	56	0.01
	Liverpool (Bidston) ...	30.14	64	N	3	c	30.10	-.10	61	58	+ 2	N	3	0	3	bc, cp	#	67	52	-
	Holyhead ...	30.16	61	SW	2	cm	30.13	-.08	60	59	0	N	2	0	1	cm	#	64	57	-
	Parsonstown ...	30.18	60	NW	1	c	30.15	-.06	61	56	+ 3	N	1	0	#	cp	#	68	57	0.03
	Valencia ...	30.23	63	SW	2	0	30.20	-.06	61	58	0	N	0	op	2	0	#	64	56	0.02
FRANCE & BELGIUM.	Roche's Point ...	30.23	65	SW	3	c	30.20	-.08	64	61	+ 4	N	2	bc	2	e	#	67	58	-
	Pembroke (St. Ann's Hd.) ...	30.25	62	NW	2	bc	30.17	-.08	61	59	+ 1	NW	2	og	2	b, bc	#	63	58	-
	Scilly ...	30.24	64	NW	1	b	30.18	-.07	64	60	- 1	N	1	b	0	b	#	64	57	-
	Prawle Point ...	30.23	62	SSW	2	bc	30.18	-.10	63	57	0	WSW	2	b	1	bc	#	65	50	-
	Jersey (St. Aubin's) ...	30.20	66	NW	3	b	30.18	-.09	66	61	+ 3	N	0	bmw	0	b, m	#	67	51	-
	Hurst Castle ...	30.18	67	SW	3	b	30.15	-.11	62	60	+ 2	WSW	1	b, cm	0	b, m	#	68	48	-
	Dungeness ...	30.16	63	WSW	4	b	30.12	-.11	64	59	+ 4	NW	1	b	0	bc, b	#	67	48	-
	North Foreland ...	30.15	63	S	3	b	30.13	-.11	64	59	+ 5	N	3	b	2	b	#	68	55	-
	London (Brixton) ...	30.14	75	N	2	b	30.13	-.11	61	57	+ 2	N	2	bc	#	b, bc	#	79	52	-
	Oxford ...	30.15	65	WSW	2	b	30.14	-.11	60	57	+ 2	N	2	0	#	b	#	76	51	-
GERMANY & HOLLAND.	Cambridge ...	30.12	74	WSW	2	b	30.13	-.09	60	57	+ 2	WSW	1	0	#	b	#	76	48	-
	Yarmouth ...	30.10	65	SSE	3	b	30.07	-.11	61	58	+ 1	N	3	b	2	b	#	65	54	-
	Cuxhaven ...	30.05	59	N	5	c	29.98	-.08	59	57	+ 4	N	3	0	#	c	#	61	55	-
	Berlin ...	30.03	60	NW	3	b	30.02	+ .03	58	55	+ 4	N	4	0	#	b	#	66	54	-
	Wiesbaden ...	#	#	#	#	#	30.17	-.06	53	51	- 2	N	1	b	#	#	#	64	46	-
	Munich ...	30.23	52	N	1	b	30.20	-.02	56	53	?	SE	3	b	#	b	#	57	45	0.04
	The Helder ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Brussels ...	#	#	#	#	#	30.15	-.11	61	56	+ 4	SW	1	bc	#	b	#	69	50	-
	Cape Gris Nez ...	?	62	WSW	2	m	?	?	61	58	+ 3	N	1	b	1	m	#	64	52	-
	Paris ...	30.17	66	NNE	2	b	30.16	-.10	57	54	+ 6	NE	2	bc	#	b	#	70	48	-
FRANCE & BELGIUM.	Brest ...	30.17	66	NE	3	b	30.20	-.02	59	54	+ 4	ENE	1	b	0	b	#	73	50	-
	Lorient ...	30.13	70	NW	1	b	30.16	-.05	58	54	+ 5	NE	4	b	2	b	#	79	55	-
	Rochefort ...	30.11	77	E	4	bc	30.10	-.07	61	57	+ 6	NE	4	c	#	bc	#	86	52	-
	Belfort ...	30.12	61	ENE	4	b	30.12	-.07	54	50	+ 2	E	5	m	#	b	#	65	44	-
	Lyons ...	30.05	71	N	1	b	30.10	-.05	58	54	+ 3	E	1	c	#	b	#	75	54	-
	Nice ...	30.01	73	S	2	b	30.01	+ .05	70	59	+ 1	N	0	b	1	b	#	79	61	-
	Perpignan ...	30.01	68	N	1	c	30.06	+ .03	68	62	+ 2	SW	2	b	#	c	#	77	57	-
	Biarritz ...	29.94	73	N	3	bc	30.00	+ .00	67	63	?	WSW	4	c	2	bc, l	#	77	66	-
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	30.07	67	NW	3	0	30.07	+ .02	67	62	+ 1	NW	1	0	#	0	#	72	66	-
PENIN- SULA.	Azores (P. Delgada) ...	30.26	70	ENE	3	bc	30.23	+ .03	71	65	- 1	NNE	3	b	2	bc	#	79	66	-

For Explanation of Columns, see bottom of last page.

+ Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is now recorded in the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 8.5 hrs;

WEATHER CHARTS

FOR *Monday, 1st August, 1898*

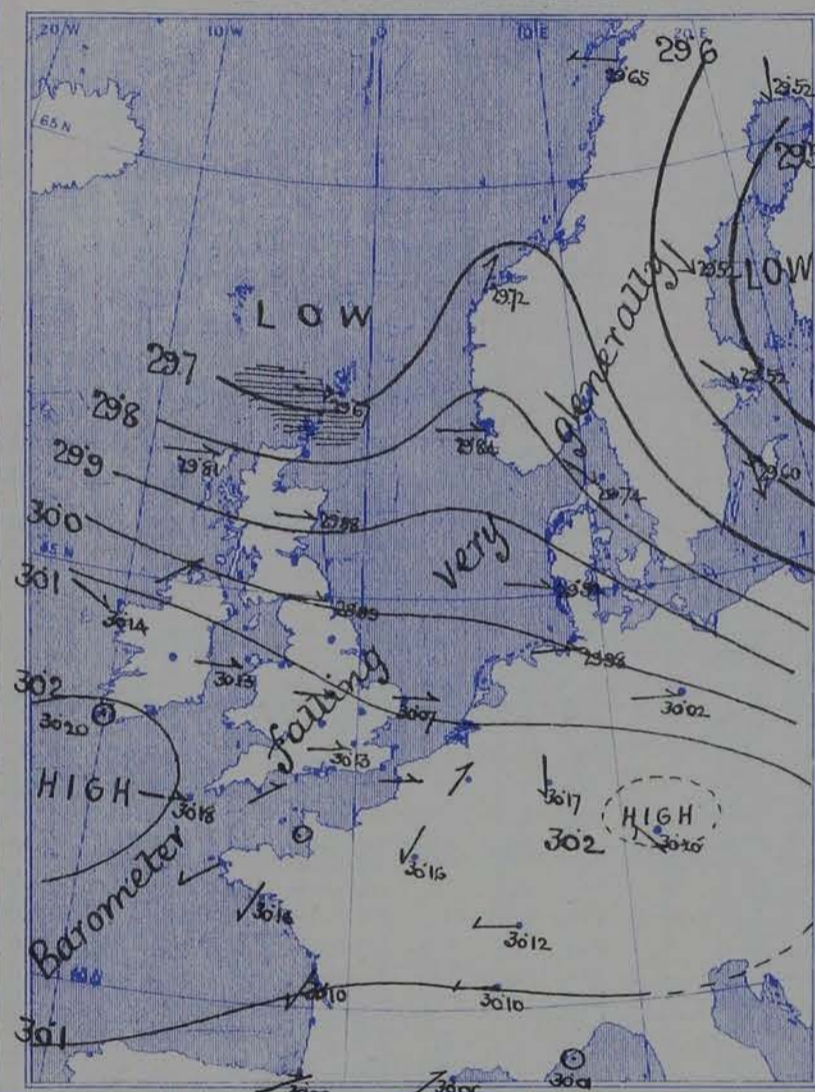
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 \rightarrow ; Force 5 to 7 \rightarrow ; Force 8 to 10 \rightarrow ; Force 1 to 4 \rightarrow ; Calm \odot

SEA—Rough \equiv ; High \equiv



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.0	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881—95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: and more in the south of Ireland, and exceeding 30.0 in: in a ridge stretching in from the Atlantic over England and the northern half of France to Germany.
 Lowest, Below 29.5 in: in a depression over Ireland and the Gulf of Bothnia.
 Gradients steep over North Germany and moderate over Scotland, slight over Ireland, England, and France.
 Barometer falling generally, most in the northwest and north.

TEMPERATURE

Highest, 70° at Nice, 67° at Athens, 65° to 60° over Ireland and England.
 Lowest, 51° at Anstrax, 54° at Lumburgh Head, 58° at Arcturion; (2) 53° at Minsk, 54° at Relfort.
 The maxima recorded yesterday ranged from 75° to 79° over England, and touched 70° at Paris, 86° at Rochefort, but did not exceed 66° at Berlin.

WIND

(1) W, light to moderate, over Great Britain, SW to W and strong in the northwest of Ireland; (2) NW strong to a gale over Sweden.
 (3) Light to moderate, and anticyclonic over France, NE to E over the Bay of Biscay.

WEATHER

Fine over France and the southern parts of England, dull and rather showery in Ireland and several parts of Scotland, dull and unsettled over North Germany, the Baltic and Sweden. Solar halo is prevalent at Oxford.
 Large quantities of rain have fallen at Stockholm and Misk, and small quantities in Ireland and Scotland.
 Bright Sunshine recorded yesterday exceeded 13 hrs in several of the southern and southern parts of England, but there was very little at the Irish and Scotch stations.

SEA

Rather rough in the far north, moderate in the northwest, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Disturbances are approaching our northern district and will cause showers over the northern half of the Kingdom today, and possibly over the southern counties also tomorrow.

FORECASTS

For the 24 hours ending at NOON on 2nd AUGUST 1898

DISTRICTS.

FORECASTS.

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

SW² to NW² winds, freshening;
 cloudy, some rain.
 W² breezes, light to moderate; fair
 and warm today, uncertain tomorrow.

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.

Varying W² (SW to NW) winds, fresh or strong; rain at times.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.98	56	52	SW	2	c	2	Valencia							
Sumburgh Head								Scilly							
Stornoway	29.98	58	55	W	4	2	4	Jersey	30.25	67	59	NE	3	b	3
Aberdeen								Hurst Castle							
Shields								Dungeness	30.19	65	60	SW	3	bc	2
Ardrossan								North Foreland	30.20	65	59	SSE	4	b	2
Malin Head	30.11	60	59	WSW	4	c	2	London (Westminster)							#
Belmullet	30.17	62	60	WNW	1	0	#	Yarmouth							
Holyhead								Rochefort	30.15	81	68	ENE	4	bc	#

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 24TH TO THE 30TH JULY 1898.

During the earlier half of the week the western countries were under the influence of an anticyclone of irregular form, the central portion of which lay at times over our Islands and at other times over France. The winds were therefore light and rather variable, and the weather mostly fair and dry, but with a good deal of cloud over the United Kingdom and a very close atmosphere. In the northern and central countries the conditions were affected by a well marked depression which advanced over Scandinavia from the north-westward at the close of the preceding week, and which afterwards moved eastwards across northern Russia. This disturbance occasioned cloudy and unsettled weather with rain in many places, and with gales from between SW and NW over the Baltic, Denmark and the south of Norway.

On the 27th the anticyclone began to recede from the neighbourhood of our Islands, and at night the centre of a well-marked depression appeared over Scotland. The disturbance afterwards moved southwards across the North Sea and eastwards across Germany and Russia. Rain now fell in all parts of western, northern, and central Europe, with thunderstorms over England on the 27th and 28th, and with strong N winds over the North Sea and the neighbouring coast on the 29th. As the depression moved away an anticyclone spread over Northern Europe from the Atlantic, but at the close of the week the northern parts of our Islands were beginning to be affected by shallow depressions which appeared off the north of Scotland and which occasioned showers both in that country and also in the north 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on

Tuesday 2nd August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Direc.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Inch.	°				Inch.	Inch.	°	°	°							°	°	Inch.	
SCANDINAVIA.	Haparanda ...	29.44	53	NNE	4	r	29.36	-0.16	52	51	-1	NNW	2	r	#	r	#	61	52	0.51	
	Hernösand ...	29.63	62	Z	0	c	29.42	-0.10	59	56	-1	SE	2	o	#	c	#	70	55	-	
	Stockholm ...	29.59	59	W	2	o	29.58	+0.06	62	58	+5	WSW	4	c	#	o	#	70	54	-	
	Wisby ...	29.67	59	SSW	4	b	29.70	+0.10	59	56	0	WNW	4	b	#	o	#	64	54	-	
	Karlstad ...	29.62	62	SW	2	o	29.56	-0.11	64	56	+5	SW	2	r	#	o	#	#	#	-	
	Bodö ...	29.48	56	WSW	2	b	29.32	-0.33	55	50	-1	E	4	o	1	b	#	59	50	0.04	
	Christiansund ...	29.45	56	NNE	2	r	29.40	-0.32	55	53	+1	W	4	r	3	r	#	56	54	0.08	
	Skudesnaes ...	29.75	53	SW	4	r	29.59	-0.25	53	53	0	WNW	4	rf	3	o, r	#	54	48	#	
	Færder (Christiania Fjord)	29.65	63	SW	4	o	29.54	-0.15	58	57	-1	SW	6	r	4	o	#	64	57	0.04	
	Skagen (The Scaw)	29.74	57	WNW	5	c	29.69	-0.05	58	57	0	WSW	4	r	1	c	#	63	55	-	
Fanö ...	29.92	56	WNW	4	b	29.85	-0.07	59	57	+2	W	4	c	#	b	#	63	55	0.04		
BRITISH ISLANDS.	Sumburgh Head	29.55	55	W	4	r	29.45	-0.22	55	54	+1	W	3	b, c	5	r	#	56	52	0.48	
	Stornoway ...	29.68	58	W	5	r	29.55	-0.26	58	56	+1	W	3	o	3	rq	#	59	54	0.50	
	Wick ...	29.70	60	NW	5	c	29.57	-0.26	64	60	+5	NW	4	o	2	c	#	70	56	0.08	
	Nairn ...	29.73	64	WSW	4	c	29.57	-0.29	63	61	+3	W	2	o	1	c	#	67	56	0.03	
	Aberdeen ...	29.76	66	SW	1	opm	29.63	-0.25	61	57	-2	SW	2	om	1	or, opm	#	74	60	0.05	
	Leith ...	29.88	61	W	5	o	29.73	-0.25	64	58	+5	WSW	4	o	#	o	#	66	58	-	
	Shields ...	29.94	66	WSW	3	c	29.84	-0.15	62	57	+1	SW	3	c	2	c	#	69	58	-	
	Spurn Head ...	29.99	63	WNW	4	c	29.93	-0.11	62	59	-1	WSW	4	c	3	c	#	68	56	-	
	York ...	30.03	64	W	4	b	29.93	-0.13	62	57	-1	WSW	3	o	#	c, b	#	70	56	-	
	Loughborough ...	30.06	70	WNW	3	b, c	30.01	-0.10	63	59	-2	WSW	2	b, c, w	#	c, b, c	#	75	54	-	
GERMANY & HOLLAND.	Ardrossan ...	29.95	61	WSW	3	om	29.77	-0.25	59	59	+1	SW	5	om	4	c, om	#	62	57	0.04	
	Malin Head ...	29.95	60	W	6	om	29.72	-0.32	59	59	0	SSW	6	r	5	c, om	#	60	58	0.12	
	Belmullet ...	30.07	62	WSW	3	o	29.82	-0.32	62	60	+2	WSW	5	r	#	o	#	64	59	0.08	
	Donaghadee ...	30.02	68	NW	4	c	29.84	-0.24	65	62	+5	W	4	c	2	c	#	71	56	-	
	Liverpool (Bidston)	30.06	62	W	3	o	29.97	-0.13	61	57	0	WSW	2	o	3	o	#	65	58	-	
	Holyhead ...	30.09	61	SW	2	o	29.99	-0.14	59	58	-1	SW	3	c	2	c, o	#	71	57	-	
	Parsonstown ...	30.10	63	W	2	o	29.96	-0.19	64	60	+3	W	1	c	#	o	#	68	57	-	
	Valencia ...	30.16	62	W	2	o	30.04	-0.16	65	62	+4	SW	3	b, c	4	o	#	65	59	-	
	Roche's Point ...	30.13	66	WSW	1	c	30.05	-0.15	64	61	0	WSW	3	b, c	2	c	#	67	57	-	
	Pembroke (St. Ann's Id.)	30.14	61	NW	2	b, c	30.07	-0.10	61	58	0	NW	1	o, g	1	b, c	#	66	58	-	
FRANCE & BELGIUM.	Seilly ...	30.15	65	WNW	1	o	30.11	-0.07	63	59	-1	WNW	2	o	0	o	#	69	59	-	
	Prawle Point ...	30.15	63	S	2	b	30.11	-0.07	62	60	-1	WSW	2	b	1	b	#	69	53	-	
	Jersey (St. Aubin's)	30.14	67	WNW	3	b	30.11	-0.07	66	62	0	E	2	b, w	2	b, w	#	71	62	-	
	Hurst Castle ...	30.09	66	WSW	3	c	30.08	-0.07	65	62	+3	W	1	b, w	0	c	#	71	54	-	
	Dungeness ...	30.06	65	SW	3	b, c	30.04	-0.08	65	60	+1	NW	2	b, c	1	b, b, c	#	70	53	-	
	North Foreland	30.06	68	SSW	3	b, c	30.04	-0.09	64	60	0	W	2	b	1	b, b, c	#	70	55	-	
	London (Brixton) ...	30.04	73	W	2	b, c	30.06	-0.07	64	58	+3	SW	1	b, c	#	b, c	#	78	52	-	
	Oxford ...	30.06	67	W	1	b	30.04	-0.10	63	58	+3	SW	2	b	#	b	#	76	52	-	
	Cambridge ...	30.03	74	W	1	b	30.02	-0.11	63	59	+3	WSW	2	b, w	#	b	#	76	50	-	
	Yarmouth ...	30.02	66	NE	1	b	30.00	-0.07	61	58	0	WSW	2	b	2	b	#	69	54	-	
GERMANY & HOLLAND.	Cuxhaven ...	29.99	63	WNW	4	b, c	29.94	-0.04	60	58	+1	SW	4	c	#	b, c	#	64	55	-	
	Berlin ...	29.99	65	W	2	o	30.01	-0.01	62	57	+4	W	2	c	#	o	#	70	57	-	
	Wiesbaden ...	#	#	#	#	#	30.10	-0.07	57	55	+4	N	1	b	#	#	#	73	50	-	
	Munich ...	30.15	57	Z	0	b	30.17	-0.03	60	57	+4	E	1	b	#	b	#	68	46	-	
	The Helder ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Brussels ...	#	#	#	#	#	30.06	-0.09	65	55	+4	SSW	1	b	#	b	#	76	53	-	
	Cape Gris Nez ...	#	64	SW	2	b	#	#	63	60	+2	SW	1	m	1	b	#	70	59	-	
	Paris ...	30.08	72	NE	1	b	30.10	-0.06	59	56	+2	? NE	2	b	#	b	#	76	50	-	
	Brest ...	30.15	64	N	3	b	30.13	-0.07	59	59	0	N	1	m	0	b	#	68	50	-	
	Lorient ...	30.09	71	W	1	b	30.12	-0.04	#	#	#	N	2	m	2	b	#	81	#	-	
FRANCE & BELGIUM.	Rochefort ...	30.10	79	NE	2	c	30.11	+0.01	63	62	+2	NE	2	b	#	c	#	88	61	-	
	Belfort ...	30.18	71	NNE	1	b, c	30.05	-0.07	62	58	+8	NE	2	m	#	b, c	#	75	53	-	
	Lyons ...	30.07	67	E	1	m	30.06	-0.04	65	59	+7	SE	1	b	#	m	#	72	55	0.04	
	Nice ...	30.01	71	SW	4	b	30.07	+0.06	70	63	0	E	1	b	0	b	#	79	63	-	
	Perpignan ...	30.03	72	NW	1	o	30.07	+0.01	66	62	-2	E	2	o	#	o	#	80	61	-	
	Biarritz ...	29.98	71	WNW	3	o	30.02	+0.02	68	64	+1	WSW	4	b, c	2	o	#	75	64	-	
PENIN- SULA.	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.07	65	N	3	b	30.05	-0.02	67	62	0	NNW	2	o	#	b	#	75	63	-	
	Azores (P. Delgada)	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 5.5 hrs;

WEATHER CHARTS

FOR Tuesday, 2nd August, 1898

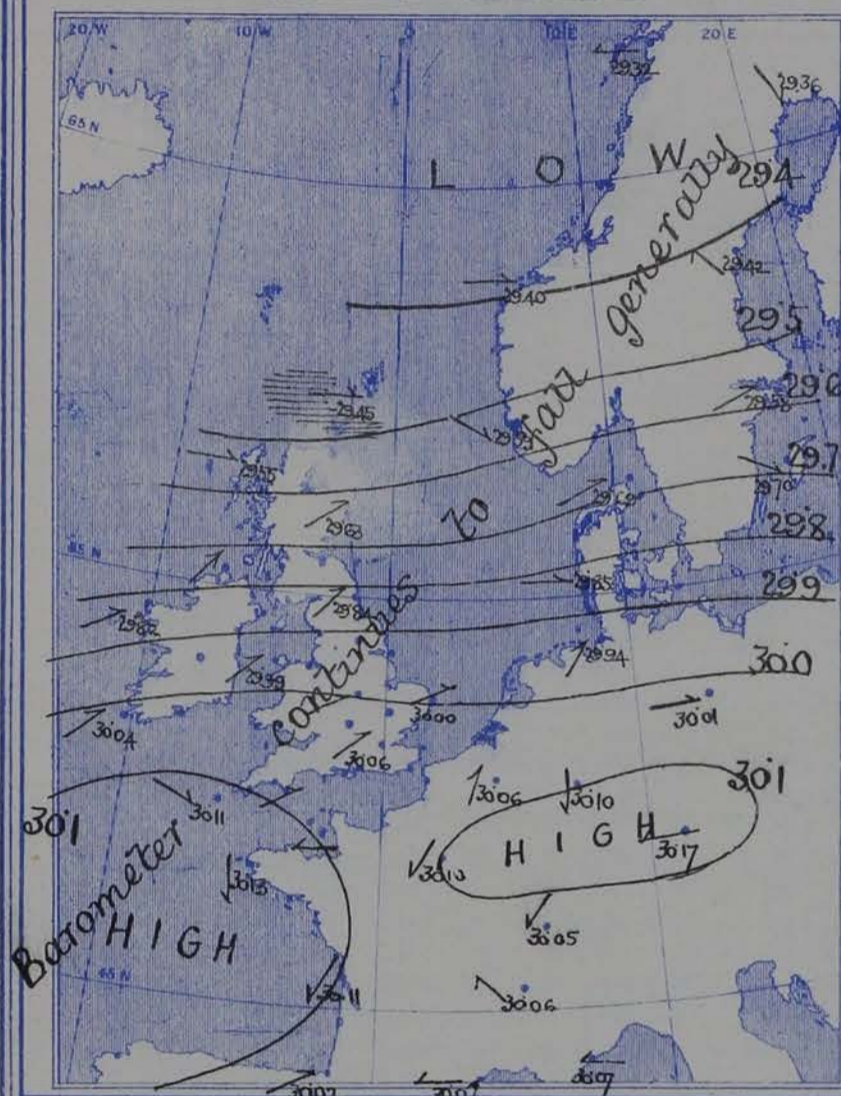
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → ; Force 5 to 7 → ; Force 1 to 4 → ; Calm ○

SEA—Rough ≡ ; High ≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866-95.	Hours.	Means, 1881-95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.			Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 30.0 ins. over France, Germany and the S. and SW parts of our Islands.
 Lowest Below 29.4 ins. over the N. half of our area and below 29.5 ins. in the Shetland Isles.
 Gradients slightly steep for SW winds over the N. parts of our Islands to the North Sea.
 Barometer still falling on all our coasts - most in the northwest.

TEMPERATURE

Highest 70° at Nice, 65° at Valencia (Ireland), 64° at Roche's Pt. and in London.
 Lowest 52° at Haparanda, 53° at Skudesnaes, 55° at Burnburgh Pt.
 It rose during yesterday to between 75° and 78° over many of the inland parts of England, the night was cool.

WIND

(1) Very light and anticyclonic over Germany, France and the English Channel;
 (2) W. and SW, moderate to strong over our Islands, and moderate over Scandinavia as a whole; (3) E. at Bodø.

WEATHER

Fine generally over Germany, France and the E. and S. of England, dull at our W. and N. stations and over Scandinavia, with rain in several places.
 The rainfall at Burnburgh Pt. and Stromoway has been considerable (0.5 in.) at our other N. and NW stations it has been slight. Bright Sunshine recorded yesterday was considerable over England, slight over Ireland and Scotland; at Parsonstown & Stromoway there was none.

SEA

Moderate to rather rough in the extreme W. and N., smooth generally elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No great change is indicated at present.

FORECASTS

For the 24 hours ending at NOON on 3RD AUGUST 1898

DISTRICTS.

FORECASTS.

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

W. and SW winds, strong to fresh, showery.

W. and SW breezes, moderate to fresh, fine and warm as a whole.

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.

SW breezes, freshening, slight showers.

SW breezes, fresh to strong, showery.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.81	54	53	SW	4	o	2	Valencia ...	30.20	63	58	WNW	2	o	3
Sumburgh Head ...	29.59	55	55	W	5	T	5	Scilly ...	30.18	69	65	WNW	1	6	0
Stornoway ...	29.74	59	58	W	5	T	5	Jersey ...	30.17	69	62	W	3	6	3
Aberdeen ...	29.83	66	59	SW	2	OT	1	Hurst Castle ...	30.13	68	65	SW	3	c	2
Shields ...	29.97	67	61	W	4	c	2	Dungeness ...	30.11	68	62	SW	4	6	3
Ardrossan ...	29.99	61	60	WSW	4	c	3	North Foreland ...	30.10	67	60	SSE	4	6	2
Malin Head ...	30.05	59	59	W	5	c	4	London (Westminster) ...	30.08	74	64	SW	2	6c	#
Belmullet ...	30.13	64	60	WSW	3	o	*	Yarmouth ...	30.05	67	62	SE	2	6	2
Holyhead ...	30.12	66	60	SW	2	c	1	Rocheport ...	30.04	78	68	NE	3	c	#

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

Weather in morning fine over S^m, central and W^m Europe, including the S^m and E^m parts of England; dull and showery over Ireland & Scotland, dull, very rainy and unsettled over many parts of Russia and Finland. Considerable rain later over the Hebrides, the Shetlands and the E. of Lapland, and small quantities over Scotland and the N. and W. of Ireland, remaining fine over England, France and Germany.

Temperature rising over our Islands and France. Morning readings highest 82° at Annaba, 77° at Brindisi, and exceeding 70° at many of the Mediterranean, Adriatic and Black Sea stations; above 60° as a whole over Russia, as well as over the W^m half of France and the greater part of the British Isles. Lowest (1) 53° at Haparanda and Skudesnaes, 54° at Christiansund, 57° at Stornoway, at Fano and Swinsmunde; (2) 53° to 56° over S. Germany and the E. of France, and 55° at Riga. Rising later to between 74° and 78° in many parts of Gt. Britain, to 70° at Berlin, 76° at Paris, to 79° at Nice, and 88° at Rocheport. Succeeding night cool over England.

Wind, slight to moderate in force, and as a whole anticyclonic in direction over the Mediterranean, S. Germany, France, and the SW^m parts of England and Ireland, W^m over Scotland and the E. of England. (2) Cyclonic over Sweden, the Baltic and W^m Russia, and blowing a gale from WSW. at Mermel and Neufahrwasser, and a severe gale from NW. at Wisby. Becoming still stronger on our NW^m coasts later, and freshening over our S^m countries also.

Barometer highest 30.2 ins. and more to 30.0 ins. over Ireland, England, France and Germany, as well as over Austria and the Mediterranean. Lowest (1) below 29.7 ins. over the Shetland Islands and NW. of Norway; (2) below 29.5 ins. in a depression over Finland and the Gulf of Bothnia, and below 29.4 ins. in a small but deep secondary disturbance over the Gulf of Riga. Falling decidedly over N^m half of our Islands and over Norway all day.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 3rd August, 1898.

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.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Weather.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	29.47	56	Z	0	0	29.50	+ .14	58	55	+ 6	S	2	0	#	0	#	61	50	—	
	Hernösand ...	29.45	58	Z	0	bc	29.49	+ .07	60	57	+ 1	N	2	f	#	bc	#	68	55	0.04	
	Stockholm ...	29.59	59	WSW	2	c	29.65	+ .07	60	58	— 2	SW	2	0	#	c	#	66	54	0.04	
	Wisby ...	29.73	62	W	6	0	29.79	+ .09	60	57	+ 1	SW	4	r	#	0	#	63	55	0.04	
	Karlstad ...	29.57	60	SW	4	bc	29.60	+ .04	59	57	— 5	SW	6	0	#	bc, r	#	#	#	0.08	
	Bodö ...	29.41	55	W	4	0	29.45	+ .13	53	52	— 2	WSW	4	c	2	0	#	57	50	—	
	Christiansund ...	29.47	55	W	5	0	29.43	+ .03	54	52	— 1	SW	2	r	2	0	#	55	52	—	
	Skudesnaes ...	29.61	54	SSW	4	f	29.56	— .03	54	53	+ 1	SW	2	f	2	f	#	55	52	#	
	Færder (Christiania Fjord)	29.58	59	WSW	6	0	29.58	+ .04	58	57	0	WSW	4	0	4	0	#	61	57	0.04	
	Skagen (The Scaw)	29.71	57	WSW	3	r	29.68	— .01	58	58	0	SW	3	r	0	r	#	64	57	0.04	
Fanö ...	29.85	59	WSW	4	c	29.80	— .05	61	59	+ 2	WSW	4	c	#	c	#	64	59	—		
BRITISH ISLANDS.	Sumburgh Head	29.44	56	W	2	bc	29.37	— .08	53	51	— 2	WSW	3	0	4	bc	#	59	48	0.02	
	Stornoway ...	29.50	58	W	3	c	29.45	— .10	55	53	— 3	WNW	4	c	4	c	4.4	61	50	0.10	
	Wick ...	29.53	56	W	1	0	29.49	— .08	56	53	— 8	W	3	bc	1	0, t	#	65	49	0.32	
	Nairn ...	29.51	63	W	1	c	29.52	— .05	57	54	— 6	W	1	d	1	c	#	64	50	0.08	
	Aberdeen ...	29.52	63	SW	1	omv	29.57	— .06	59	51	— 2	SW	2	b	2	omv, r, omv	0.0	65	50	0.03	
	Leith ...	29.62	61	W	4	r	29.65	— .08	60	54	— 4	WSW	3	c	#	r	#	67	52	0.08	
	Shields ...	29.71	65	SW	5	0	29.72	— .12	59	56	— 3	WSW	3	c	2	0, r	#	69	51	0.01	
	Spurn Head ...	29.85	67	WSW	4	c	29.77	— .16	67	64	+ 5	WSW	5	c	4	c, p	#	75	60	0.01	
	York ...	29.83	68	SSW	2	0	29.76	— .17	63	62	+ 1	SW	1	r	#	0, c	1.8	71	61	0.02	
	Loughborough ...	29.91	71	SW	2	c	29.84	— .17	65	61	+ 2	SW	4	bc	#	bc, c, q	#	78	57	—	
GERMANY & HOLLAND.	Ardrossan ...	29.65	60	WSW	3	rm	29.67	— .10	59	57	0	WSW	4	c	3	rm	#	60	54	0.35	
	Malin Head ...	29.65	59	SSW	6	omv	29.67	— .05	58	56	— 1	W	4	bc, m	4	r, omv	#	60	55	0.15	
	Belmullet ...	29.78	61	W	4	r	29.76	— .06	59	56	— 3	W	3	0	#	r	#	63	55	0.20	
	Donaghadee ...	29.72	66	WSW	5	0	29.75	— .09	58	57	— 7	W	4	bc	2	0	#	70	52	0.13	
	Liverpool (Bidston)	29.86	65	SW	5	0	29.79	— .18	60	58	— 1	W	3	r	2	b, op	#	70	59	0.19	
	Holyhead ...	29.87	60	SW	5	omv	29.79	— .20	60	60	+ 1	W	1	rgm	1	c, omv	#	65	58	0.39	
	Parsonstown ...	29.86	65	W	3	r	29.80	— .16	60	57	— 4	W	1	0	#	29, or	1.8	69	57	0.37	
	Valencia ...	29.94	65	SW	4	og	29.83	— .21	59	54	— 6	WSW	2	op	3	og	2.5	68	58	0.28	
	Roche's Point ...	29.47	65	SW	4	b	29.81	— .24	62	62	— 2	SW	3	dm	3	b	#	70	61	—	
	Pembroke (St. Ann's Hd.)	29.49	62	SW	5	b	29.85	— .22	62	61	+ 1	WSW	6	dg	4	b	6.1	65	60	—	
FRANCE & BELGIUM.	Scilly ...	30.08	65	WNW	1	c	29.96	— .15	65	63	+ 2	SW	4	0	2	c, t, l	2.7	70	59	—	
	Prawle Point ...	30.02	61	WSW	3	c	29.99	— .12	64	62	+ 2	WSW	3	bc	2	c	#	65	58	—	
	Jersey (St. Aubin's)	30.09	67	W	2	bm	30.07	— .04	63	61	— 3	WSW	3	0	3	bm, w	#	72	55	—	
	Hurst Castle ...	30.03	65	WSW	4	cm	29.99	— .09	65	63	0	WSW	4	bc	3	0, cm	#	68	61	—	
	Dungeness ...	29.98	63	SW	4	b	29.96	— .08	64	61	1	WSW	5	bc	4	b	#	70	60	—	
	North Foreland	29.98	70	SSW	3	b	29.97	— .07	64	59	0	SW	4	bc	3	b	#	76	56	—	
	London (Brixton) ...	29.97	71	SW	2	c	29.96	— .10	63	58	— 1	WSW	3	bc	#	bc	10.7	77	55	—	
	Oxford ...	29.98	62	SW	2	0	29.97	— .12	63	60	0	WSW	4	0	#	bc, 0	#	74	55	—	
	Cambridge ...	29.93	71	SSW	3	0	29.89	— .13	65	61	+ 2	SW	3	0	#	b, 0	8.7	77	53	—	
	Yarmouth ...	29.91	74	WSW	2	b	29.87	— .13	64	60	+ 3	WSW	4	b	2	b	#	76	54	—	
PENIN- SULA.	Cuxhaven ...	29.95	64	W	3	b	29.89	— .05	61	60	+ 1	SW	4	b	#	b	#	66	55	—	
	Berlin ...	29.98	69	WSW	2	c	30.01	0.0	63	59	+ 1	SW	2	b	#	c	#	77	57	—	
	Wiesbaden ...	#	#	#	#	#	30.07	— .03	60	58	+ 3	Z	0	b	#	#	#	77	54	—	
	Munich ...	30.12	62	E	1	b	30.16	— .01	63	59	+ 3	SE	1	b	#	b	#	73	48	—	
	The Helder ...	29.93	62	WSW	2	bc	29.88		63	60		SW	4	b	3	bc	#	66	61	—	
	Brussels ...	#	#	#	#	#	30.03	— .03	61	58	— 4	WSW	3	bc	#	b	#	77	54	—	
	Cape Gris Nez	?	62	SW	2	bc	?	?	62	59	— 1	W	4	b	4	bc	#	68	59	—	
	Paris ...	30.02	73	WSW	1	b	30.09	— .01	63	58	+ 4	NE	1	b	#	b	#	78	53	—	
	Brest ...	30.07	66	NW	1	b	30.08	— .05	61	59	+ 2	W	2	c	0	b	#	70	59	—	
	Lorient ...	30.08	67	W	4	b	30.11	— .01	61	58	?	Z	0	c	1	b	#	81	54	—	
GERMANY & HOLLAND.	Rochefort ...	30.09	68	NNW	4	b	30.12	+ .01	64	63	+ 1	WNW	4	b	#	b	#	81	59	—	
	Belfort ...	29.97	72	W	1	bc	30.05	0.0	66	61	+ 4	Z	0	m	#	b	#	81	57	—	
	Lyons ...	30.00	77	SW	1	a	30.08	+ .02	72	63	+ 7	NNW	1	b	#	0	#	84	61	—	
	Nice ...	30.01	73	SW	1	bc	30.05	— .02	69	60	— 1	E	2	b	2	bc	#	82	65	—	
	Perpignan ...	30.01	74	NW	3	0	30.09	+ .02	72	64	+ 6	W	2	b	#	0	#	84	59	—	
	Biarritz ...	30.02	72	W	4	bc	30.05	+ .03	68	64	0	SSW	2	b	2	bc	#	75	63	—	
PENIN- SULA.	Corunna ...	30.03	66	NNW	4	b	30.06	+ .01	70	65	+ 3	NNW	2	bc	#	b	#	75	64	—	
	Lisbon ...	30.22	69	NNW	2	bc	30.23	+ .04	71	64	— 2	N	1	b	2	bc	#	77	65	0.08	
	Azores (P. Delgada)																				

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 1.7 hrs;

WEATHER CHARTS

FOR *Wednesday, 3rd August, 1898*

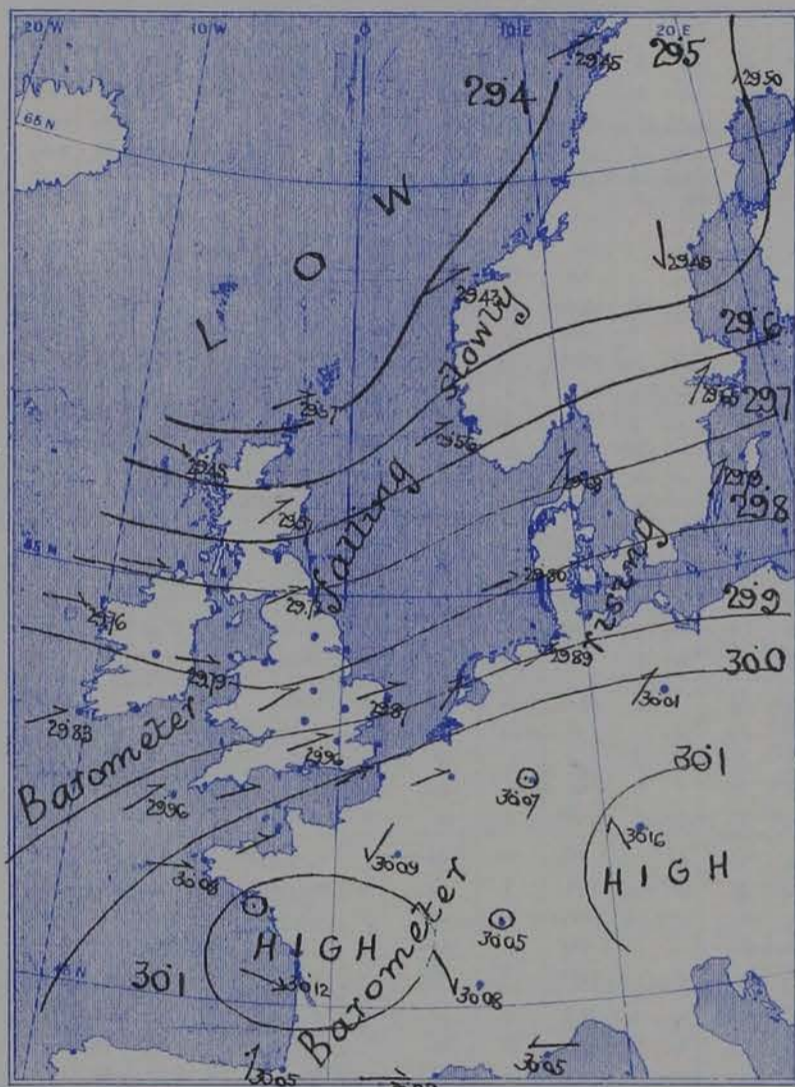
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; }
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; } Calm ○

SEA—Rough ≡≡≡ ; High ≡≡≡

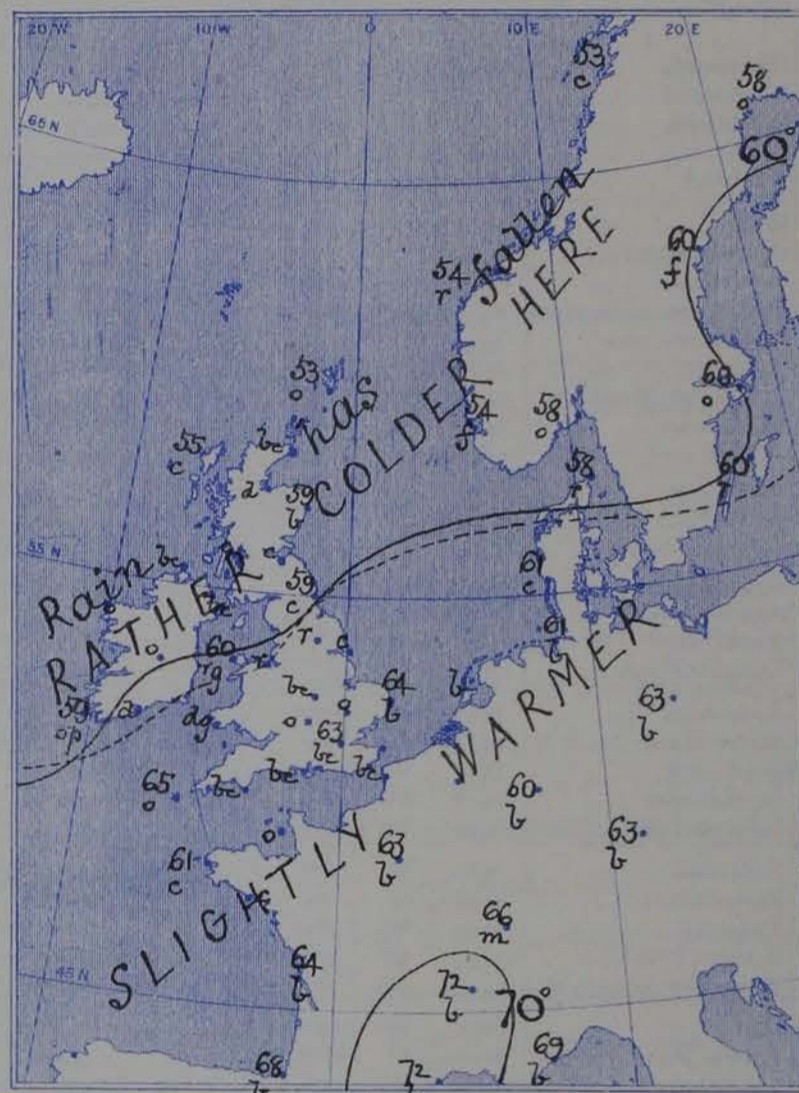


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.1 ins. and more to 29.9 ins. over Germany, France and the S. of England. Lowest Below 29.4 ins. over the Shetland Islands and their neighbourhood. Gradients moderate. Barometer still falling generally - most at Valencia.</p>
TEMPERATURE	<p>Highest 72° at Perpignan and Lyons, 65° to 60° over England and the S.E. of Ireland. Lowest 53° to 54° in the W. of Norway and the Shetland Islands, 55° at Stornoway, 56° at Wick. The highest of the maxima recorded yesterday were 74° to 78° over England, 77° at Berlin, 78° at Paris, 81° at Rochefort, 84° at Lyons and Perpignan.</p>
WIND	<p>(1) SW. to W. all over our Islands and the North Sea and was blowing very freshly in many places, moderately in the Channel. (2) Over France and Germany it was light in force and mainly anticyclonic in direction.</p>
WEATHER	<p>Dull and showery over the W. and N. parts of our Islands and in the W. of Norway; fine over Germany, France and the S.E. and E. of England. The showers in the W. and N. districts, though considerable and general were not heavy. Bright Sunshine recorded yesterday ranged from 13 to 10 hrs at many of our S. and S.E. stations, but was very slight in the N. and N.W.</p>
SEA	<p>Moderate in the extreme N, W, and S.</p>

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The showers in the N. and W. appear likely to continue and to spread slowly all over England.

FORECASTS

For the 24 hours ending at NOON on 4TH AUGUST 1898

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

W. breezes, fresh, showery.

Same as No 4.

Same as No 5.

SW^{ly} breezes, moderate to fresh, showery.

SW^{ly} breezes, freshening, fair to rather showery.

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

Same as Nos 0 and 1.

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	29.66	55	54	Z	0	f	2	Valencia	29.98	68	64	SW	5	0	5	
Sumburgh Head	29.46	50	53	W	3	bc	4	Scilly	30.15	69	65	WNW	3	0	0	
Stornoway	29.51	60	56	W	4	c	4	Jersey	30.12	70	61	WNW	3	bm	3	
Aberdeen	29.57	63	58	SW	2	omg	1	Hurst Castle	30.07	67	63	WSW	4	0	2	
Shields	29.77	66	61	SW	4	0	2	Dungeness	30.02	68	62	SW	4	b	3	
Ardrossan	29.67	60	59	SW	5	rm	4	North Foreland	30.01	68	61	E	1	b	1	
Malin Head	29.66	60	60	SSW	6	r	4	London (Westminster)	30.00	78	66	SW	3	bc	#	
Belmullet	29.79	62	62	WSW	5	r	*	Yarmouth	29.94	73	68	WSW	3	b	2	
Holyhead	29.95	64	59	SW	5	c	3	Rochefort	30.04	73	68	NNW	4	b	#	

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 4th August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.				Force (0 to 12.)	Weather.	Max.	Min.	Rainfall
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
Haparanda ...	29.53	55	2	0	c	29.51	+01	58	57	0	SSW	2	0	#	c	#	64	54	—		
Hernösand ...	29.48	63	2	0	r	29.58	+09	59	54	—1	SW	2	0	#	r	#	72	50	—		
Stockholm ...	29.69	63	SW	2	0	29.71	+06	66	61	+6	SW	4	0	#	0	#	66	55	—		
Wisby ...	29.81	63	S	4	b	29.82	+03	64	60	+4	SW	4	b	#	b	#	66	55	—		
Karlstad ...	29.65	67	SW	6	b	29.61	+01	54	53	—5	SE	2	r	#	b	#	#	#	—		
Bodö ...	29.45	57	N	2	c	29.51	+06	54	51	+1	ESE	4	c	0	c	#	57	50	0.16		
Christiansund ...	29.49	54	SW	2	c	29.52	+09	52	50	—2	WSW	5	r	3	c	#	55	52	0.12		
Skudesnaes ...	29.65	55	WSW	4	0	29.61	+05	53	52	—1	SW	4	0	3	c,0	#	57	50	#		
Færder (Christiania Fjord)	29.61	59	SW	16	m	29.60	+02	51	51	—7	NNW	1	r	3	m	#	61	52	0.24		
Skagen (The Scaw)	29.73	58	WSW	2	m	29.59	—09	58	58	0	SW	3	r	1	m	#	64	52	0.08		
Fanö ...	29.78	60	SW	4	c	29.65	—15	60	59	—1	SW	4	r	#	c	#	64	59	—		
Sumburgh Head	29.42	54	WSW	4	c	29.56	+19	50	48	—3	W	1	c	3	c	#	58	46	0.05		
Stornoway ...	29.51	56	W	3	c	29.63	+18	54	52	—1	WNW	3	c	3	c	#	59	47	0.08		
Wick ...	29.54	53	NW	1	bc	29.65	+16	54	51	—2	NW	2	0	1	bc	#	64	46	0.02		
Nairn ...	29.54	58	SW	2	c	29.66	+14	57	53	0	W	2	bc	1	c	#	63	47	—		
Aberdeen ...	29.55	60	SW	2	omv	29.67	+10	59	52	0	W	2	c	1	o,omv	#	66	48	—		
Leith ...	29.61	59	SW	1	0	29.73	+08	60	54	0	W	3	c	#	0	#	68	51	—		
Shields ...	29.66	56	WSW	2	r	29.77	+05	58	55	—1	W	3	c	2	o,r	#	66	50	0.24		
Spurn Head ...	29.65	61	WSW	2	r	29.85	+08	59	56	—8	WSW	5	bc	4	c,r,b	#	70	53	0.77		
York ...	29.69	59	NNW	2	r	29.86	+10	59	55	—4	W	2	b	#	r	#	65	50	0.71		
Loughborough ...	29.70	65	S	4	r	29.95	+11	57	53	—8	WSW	3	bc	#	cq,or,b	#	76	49	0.14		
Arrossan ...	29.63	60	WSW	3	0	29.79	+12	56	54	—3	WSW	4	bc	3	0	#	61	53	0.03		
Malin Head ...	29.65	57	W	5	c	29.81	+14	56	53	—2	NW	6	crg	5	o,c	#	59	51	0.25		
Belmullet ...	29.78	58	W	3	bc	29.96	+20	57	54	—2	WNW	3	b	#	o,bc	#	61	54	0.03		
Donaghadee ...	29.70	57	WSW	3	r	29.87	+12	60	55	+2	WNW	6	bcq	4	r	#	62	49	—		
Liverpool (Bidston)	29.73	52	WNW	1	r	29.92	+13	57	53	—3	W	5	0	5	r	#	61	51	0.56		
Holyhead ...	29.76	54	WSW	2	c	29.96	+17	57	55	—3	WSW	4	c	3	rmg,c	#	62	51	0.79		
Parsonstown ...	29.80	61	W	1	c	30.05	+25	59	58	—1	W	1	c	#	c,r	#	62	53	0.08		
Valencia ...	29.90	62	W	4	bc	30.08	+25	61	56	+2	WSW	3	0	4	c,bc	#	62	52	0.60		
Roche's Point ...	29.86	62	NW	4	b	30.09	+28	61	57	—1	W	3	c	3	r,b	#	63	54	0.65		
Pembroke (St. Ann's Hd.)	29.81	55	NNW	5	c	30.08	+23	59	54	—3	NW	5	b	5	c	#	62	53	—		
Scilly ...	29.85	59	NNW	4	r	30.12	+16	61	58	—4	W	3	c	3	o,r	#	70	57	0.09		
Prawle Point ...	29.86	62	SSW	5	0	30.10	+11	60	58	—4	W	3	bc	2	p,0	#	66	51	0.13		
Jersey (St. Aubin's)	29.99	67	SW	4	bc	30.12	+05	61	58	—2	WNW	3	bc	3	bc,p	#	72	55	0.19		
Hurst Castle ...	29.88	64	SW	6	cu	30.06	+07	62	59	—3	WSW	3	c	2	bc,cu	#	69	56	0.01		
Dungeness ...	29.88	64	SW	5	bc	30.01	+05	62	58	—2	WSW	3	b	2	bc	#	67	51	0.07		
North Foreland	29.85	65	SW	5	b	29.99	+02	60	55	—4	W	3	b	2	b	#	72	53	—		
London (Brixton) ...	29.82	70	SSW	3	bc	30.02	+06	59	55	—4	WSW	2	bc	#	bc,op,b	#	76	50	0.02		
Oxford ...	29.68	63	SW	5	p	30.00	+08	58	55	—5	W	2	bc	#	o,p	#	74	48	0.03		
Cambridge ...	29.75	69	SSW	3	c	29.98	+09	59	56	—6	WSW	2	bc	#	c	#	76	48	0.05		
Yarmouth ...	29.75	73	SW	4	bc	29.97	+05	59	55	—5	WNW	3	b	2	c,bc	#	75	50	—		
Cuxhaven ...	29.88	67	SW	4	bc	29.77	—12	60	60	—1	SW	4	0	#	bc	#	70	57	—		
Berlin ...	29.93	74	SW	1	b	29.89	—12	68	62	+5	SW	3	b	#	b	#	81	59	—		
Wiesbaden ...	#	#	#	#	#	29.98	—09	62	60	+2	NW	1	bc	#	#	#	79	55	—		
Munich ...	30.10	65	2	0	b	30.14	—02	65	60	+2	SW	6	c	#	b	#	77	57	—		
The Helder ...	29.80	63	SW	4	b	29.87	—01	60	55	—3	WNW	3	bc	3	b	#	66	59	—		
Brussels ...	#	#	#	#	#	29.98	—05	58	57	—3	WNW	3	r	#	b	#	76	57	0.08		
Cape Gris Nez...	?	62	W	5	bc	?	?	58	55	—4	NNW	3	m	3	bc	#	66	54	0.20		
Paris ...	29.93	77	SW	2	b	30.06	—03	61	57	—2	SSW	3	r	#	b	#	82	59	—		
Brest ...	30.00	63	SW	3	c	30.15	+07	59	57	—2	2	0	b	1	c	#	68	52	—		
Lorient ...	30.05	67	W	4	bc	30.16	+05	59	59	—2	N	3	b	2	bc	#	73	50	—		
Rochefort ...	30.13	66	WNW	4	b	30.21	+09	64	64	0	WNW	3	bc	#	b	#	72	63	—		
Belfort ...	29.96	78	W	2	0	30.06	+01	64	60	—2	W	3	c	#	0	#	83	57	—		
Lyons ...	30.02	76	W	1	c	30.14	+06	69	63	—3	N	1	bc	#	c	#	87	61	0.08		
Nice ...	30.04	73	NNE	4	c	30.02	—03	73	61	+4	E	1	b	1	c	#	84	64	—		
Perpignan ...	30.02	77	2	0	0	30.13	+04	72	65	0	W	2	0	#	0	#	88	?	—		
Biarritz ...	30.01	71	NNE	3	b	30.18	+13	68	66	0	2	0	0	0	b	#	75	64	—		
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lisbon ...	30.11	69	NNW	5	b	30.18	+12	70	63	0	NNE	3	b	#	b	#	82	63	—		
Azores (P. Delgada)	30.30	67	NE	3	b	30.31	+08	71	65	0	ENE	2	b	2	b	#	79	64	—		

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 0.0 hrs;

WEATHER CHARTS

FOR Thursday, 4th August, 1898

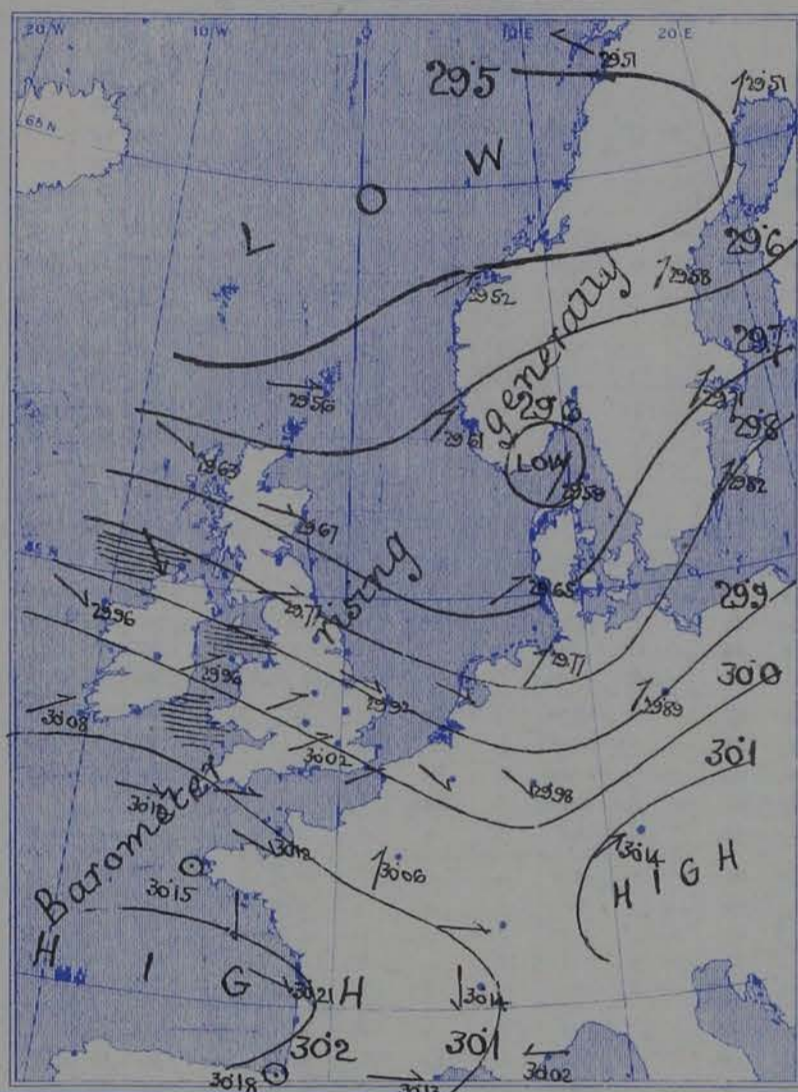
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ≡≡≡ ; High ≡≡≡

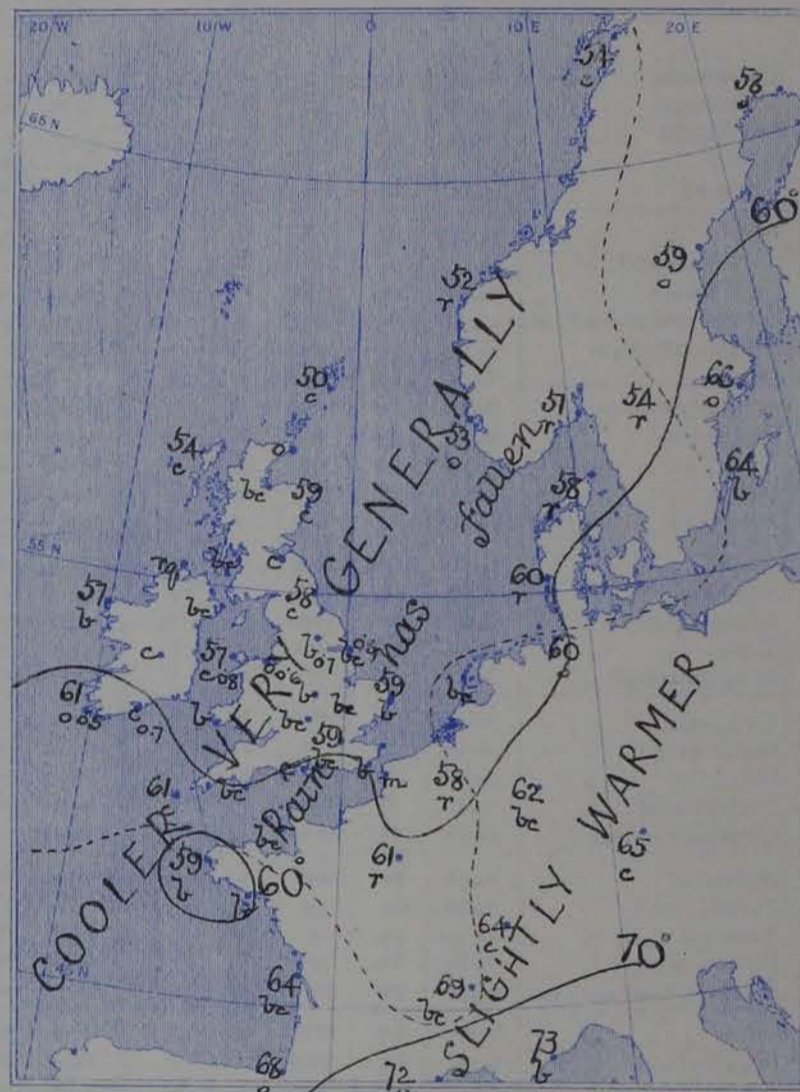


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of			Absolute Extremes.			Means, 1866-95.	Hours.	Means, 1881-95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.			Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	1893	46	1887, 90	1.84	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1
Loughborough	29.923	59.2	56.3	70.3	52.0	91	1893	38	1885, 87, 88	2.50	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—
Pembroke	29.923	58.6	56.6	63.0	55.8	78	1874	47	1885, 88	2.88	188.8
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82	1887	43	1888	2.24	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1870	39	1887, 90	2.30	160.9
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.1 ins. and more to 30.0 ins. (1) over the Bay of Biscay and the W^m half of France, (2) over the S^m parts of Germany.</p> <p>Lowest Below 29.5 ins. over the N^m parts of Norway and the adjacent parts of the Atlantic, and below 29.6 ins. in a small secondary system over the Skager Rack.</p> <p>Gradients slight over the SW^m districts, moderate in the N. and E.</p> <p>Barometer rising over our Islands generally and over France.</p>
TEMPERATURE	<p>Highest (1) 73° to 72° on the S. coast of France, 62° to 60° along the S. coasts of England and Ireland; (2) 66° at Stockholm, and 64° at Ulsby, 68° at Berlin.</p> <p>Lowest 53° at Sumburgh H^d, 51° to 54° at the Norwegian stations, and 54° in the extreme N. of Scotland.</p> <p>Maximum readings were recorded yesterday as high as 70° to 76° over central England, 81° at Berlin, 82° at Paris, 87° at Lyons, and 88° at Perpignan.</p>
WIND	<p>(1) WSW to NW over the British Islands — moderate at the southern stations, fresh to strong at many of those over the northern parts of England and Ireland, light in Scotland.</p> <p>(2) SW^m and moderate on the eastern shores of the North Sea and in Sweden.</p> <p>(3) A small cyclonic circulation is found over the Skager Rack.</p>
WEATHER	<p>Fair over our Islands generally, but heavy clouds are prevalent in many places.</p> <p>Rainy gusty weather occurred for a short time in many parts of the British Islands yesterday; the amounts measured this morning being very considerable in several parts of both Ireland and England. Bright Sunshine recorded yesterday ranged from 10 to 8 hrs. over the S^m parts of England, and exceeded 9 hrs. at Stornoway, but was slight at our W^m stations.</p>
SEA	<p>Moderate at our W^m stations generally, slight to smooth elsewhere.</p>

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Some slight showers are probable in a few localities today, but, as a whole, the tendency is to become dry and bright again.

FORECASTS

For the 24 hours ending at NOON on 5TH AUGUST 1898

DISTRICTS.

FORECASTS.

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

Varying W^m (NW. to SW.)
breezes, fresh to moderate;
fair as a whole.

DISTRICTS.

FORECASTS.

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

Varying W^m (NW. to SW.)
breezes, fresh to moderate;
fair as a whole.

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	29.63	57	54	WSW	4	c	2	Valencia	29.83	59	56	W	3	c	4
Sumburgh Head	29.37	57	54	WSW	4	c	5	Scilly	29.89	68	65	SSW	5	o	3
Stornoway	29.49	59	54	WNW	4	c	4	Jersey	30.02	72	61	SSW	3	bc	3
Aberdeen	29.57	64	62	SW	2	o	2	Hurst Castle	29.95	69	65	SW	5	bc	4
Shields	29.69	66	59	E	3	o	2	Dungeness	29.93	66	63	SW	5	bc	4
Ardrossan	29.63	60	57	WSW	3	o	2	North Foreland	29.90	71	61	SW	5	b	3
Malin Head	29.66	59	57	W	4	o	3	London (Westminster)	29.88	71	64	SW	3	c	#
Belmullet	29.75	59	55	WNW	3	o	#	Yarmouth	29.80	75	65	WSW	3	c	2
Holyhead	29.75	55	55	NW	1	rgm	1	Rocheport	30.07	71	68	NW	4	b	#

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

Weather in morning fine and bright over the Mediterranean, France, Germany, the S. and E. of England and the E. of Scotland; dull and rainy over our W. and NW. districts, as well as in Norway and Denmark. Rain later over almost the whole of our Islands and the Netherlands, the amounts being considerable over many parts of Ireland and England, slight elsewhere. Thunder and lightning observed in a few places.

Temperature in morning highest 77° at Brindisi, and above 70° at most of the Mediterranean and Adriatic stations, as well as over SE. Europe generally; 65° to 60° over England and the SE. of Ireland, as well as at the Baltic stations, and in some parts of Finland; lowest 53° at Bodø and Sumburgh H., 54° at Skudesnaes, and below 60° at the Scotch and Norwegian stations generally. Rising later to between 70° and 76° over the greater part of England to 81° at Berlin, 82° at Paris, and to upwards of 85° in the S. parts of France.

Wind (1) light and anticyclonic over France, Germany, SE. and S. Europe, as well as the Mediterranean; (2) W. and SW. over the British Islands, the North Sea and the Baltic, very variable over the northern parts of Scandinavia, becoming much stronger from SW. for a time over England later, and subsequently veering to NW.

Barometer highest 30.1 ins. and more to 29.9 ins. over all the S. half of Europe and the S. counties of England. Lowest below 29.4 ins. over the Shetland Islands and off the NW. coast of Norway. Rising later over the N. countries, but falling fast locally over the S. parts of England and the N. of 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 (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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 *Friday 5th August, 1898.*
 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.	TEMPERATURE.	WIND.								TEMP.			
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
SCANDINAVIA.	Haparanda ...	29.57	56	SSW	2	c	29.50	- .01	56	56	- 2	Z	0	0	#	c	#	63	50	0.08
	Hernösand ...	29.55	58	Z	0	r	29.69	+ .11	57	53	- 2	NW	4	0	#	r	#	64	48	-
	Stockholm ...	29.63	64	WSW	4	0	29.70	- .01	60	54	- 6	SW	4	c	#	0	#	72	57	-
	Wisby ...	29.85	62	SSW	6	b	29.86	+ .04	57	53	- 7	WNW	8	b	#	b	#	73	55	-
	Karlstad ...	29.64	56	S	2	b	29.69	+ .08	56	51	+ 2	SSW	6	b	#	b	#	#	#	0.12
	Bodo ...	29.55	57	SW	4	c	29.56	+ .05	55	50	+ 1	S	1	bc	1	c	#	59	50	0.20
	Christiansund ...	29.61	53	WSW	3	c	29.61	+ .09	50	48	- 2	SW	3	bc	3	c	#	54	46	0.20
	Skudesnaes ...	29.74	54	WSW	2	c	29.78	+ .17	53	50	0	W	2	c	3	c	#	57	50	#
	Færder (Christiania Fjord)	29.63	59	SW	4	b	29.73	+ .13	57	52	+ 6	WSW	6	b	4	b	#	59	50	0.08
	Skagen (The Scaw)	29.75	55	WSW	3	bc	29.82	+ .23	57	53	- 1	W	5	b	1	bc	#	61	52	0.12
BRITISH ISLANDS.	Fano ...	29.89	57	WSW	4	c	29.93	+ .28	59	56	- 1	WSW	4	c	#	c	#	63	55	-
	Sumburgh Head	29.64	50	W	3	0	29.64	+ .08	53	50	+ 3	Z	0	c	2	b, o	#	57	46	0.01
	Stornoway ...	29.76	57	NW	4	c	29.58	- .05	52	51	- 2	SW	2	r	2	p, c	10.0	58	47	0.15
	Wick ...	29.77	54	NW	1	0	29.66	+ .01	53	51	- 1	SSW	1	0	0	0	#	62	46	0.10
	Nairn ...	29.80	59	W	2	b	29.69	+ .03	52	51	- 5	W	1	r	1	b	#	63	46	0.04
	Aberdeen ...	29.79	60	NW	2	bc	29.68	+ .01	51	49	- 8	SW	1	ogrm	1	cq, bc	6.8	65	49	0.08
	Leith ...	29.86	59	WSW	2	c	29.56	- .17	53	52	- 7	E	3	r	#	c	#	67	50	0.18
	Shields ...	29.90	61	W	3	c	29.71	- .06	54	54	- 4	S	3	c	2	c, r	#	66	50	0.17
	Spurn Head ...	29.98	62	W	5	c	29.77	- .09	56	55	- 3	SSE	2	r	#	c, r	10.0	67	52	0.17
	Loughborough ...	30.05	64	W	4	c	29.89	- .06	56	55	- 1	SSW	4	ow	#	cq, or	#	67	55	0.16
GERMANY & HOLLAND.	Ardrossan ...	29.90	58	W	4	0	29.49	- .30	59	59	+ 3	S	4	r	3	0	#	64	52	0.18
	Malin Head ...	29.98	60	WSW	3	0	29.65	- .31	62	62	+ 5	WSW	6	0	#	o, r	#	62	55	0.70
	Belmullet ...	29.98	61	WNW	4	c	29.54	- .33	63	63	+ 3	SW	4	0	2	c	#	66	53	0.43
	Donaghadee ...	30.01	58	W	5	0	29.70	- .22	63	60	+ 6	SW	6	r	5	p, o	#	65	51	0.42
	Holyhead ...	30.04	60	SW	2	c	29.72	- .24	60	60	+ 3	SW	7	fg	5	bc, c	#	64	54	0.48
	Parsonstown ...	30.05	61	W	1	0	29.71	- .34	65	64	+ 6	W	2	r	#	c, o, r	4.8	66	55	0.60
	Valencia ...	30.08	62	SW	3	og	29.81	- .27	65	64	+ 4	SW	6	omg	6	o, og	2.0	65	56	0.35
	Roche's Point ...	30.09	62	W	4	0	29.86	- .23	62	61	+ 1	WSW	6	r	4	0	#	65	59	0.18
	Pembroke (St. Ann's Hd.)	30.11	61	NW	4	c	29.86	- .22	62	60	+ 3	SW	7	og	5	c	9.1	63	58	-
	Scilly ...	30.22	65	W	1	c	30.05	- .07	63	60	+ 2	SW	5	0	3	c	9.5	68	58	-
FRANCE & BELGIUM.	Prawle Point ...	30.18	63	WSW	3	c	30.08	- .02	62	60	+ 2	WSW	5	bc	4	c	#	66	57	-
	Jersey (St. Aubin's)	30.23	65	W	5	b	30.18	+ .06	66	61	+ 5	SW	3	b	3	b, w	#	67	55	-
	Hurst Castle ...	30.14	68	NW	2	c	30.08	+ .02	64	62	+ 2	SW	5	bc	3	c	#	70	59	-
	Dungeness ...	30.08	62	SW	5	c	30.09	+ .08	62	59	0	SW	5	c	4	c	#	67	60	-
	North Foreland	30.08	67	WSW	2	c	30.09	+ .10	61	56	+ 1	S	3	c	2	c	#	70	53	-
	London (Brixton) ...	30.08	68	NW	2	bc	30.04	+ .02	61	58	+ 2	SW	4	0	#	bc, c, o	9.1	72	56	-
	Oxford ...	30.12	60	WSW	2	bc	29.97	- .03	60	57	+ 2	SSW	6	og	#	bc, p	#	70	56	-
	Cambridge ...	30.07	65	WSW	4	bc	29.98	00	56	56	- 3	SSW	3	d	#	bc	10.0	71	52	0.05
	Yarmouth ...	30.00	66	WNW	3	b	29.98	+ .06	60	56	+ 1	SW	4	c	3	bc, b	#	67	53	-
	Cuxhaven ...	29.96	61	W	5	c	30.02	+ .25	59	57	- 1	SW	3	bc	#	c	#	64	54	-
PENIN- SULA.	Berlin ...	29.99	64	W	3	b	30.14	+ .25	61	56	- 7	W	3	b	#	b	#	81	54	-
	Wiesbaden ...	#	#	#	#	#	30.22	+ .24	57	54	- 5	NW	2	bc	#	#	#	75	50	-
	Munich ...	30.20	63	SW	5	r	30.32	+ .18	59	58	- 6	W	4	0	#	r	#	75	55	?
	The Helder ...	30.04	62	WSW	3	bc	30.01	+ .14	63	58	+ 3	SW	2	c	2	bc	#	66	59	-
	Brussels ...	#	#	#	#	#	30.17	+ .19	59	56	+ 1	SW	3	c	#	b	#	69	51	-
	Cape Gris Nez ...	?	62	W	5	bc	?	?	61	59	+ 3	W	4	0	4	bc	#	64	54	-
	Paris ...	30.20	68	NNW	2	b	30.24	+ .18	59	55	- 2	SSE	1	bc	#	b	#	75	50	0.04
	Brest ...	30.24	67	NW	1	b	?	?	60	57	+ 1	SW	3	b	2	b	#	72	55	-
	Lorient ...	30.23	65	W	4	b	30.21	+ .05	60	59	+ 1	Z	0	b	3	b	#	73	50	-
	Rocheport ...	30.28	66	WNW	3	b	30.28	+ .07	62	61	- 2	WNW	2	b	#	b	#	72	59	-
PENIN- SULA.	Belfort ...	30.14	52	W	3	c	30.23	+ .17	61	59	- 3	Z	0	m	#	c	#	77	54	-
	Lyons ...	30.19	73	NNW	2	0	30.25	+ .11	67	63	- 2	N	1	b	#	0	#	82	58	-
	Nice ...	29.99	78	SW	1	b	30.07	+ .05	73	68	0	SW	1	b	0	b	#	82	68	-
	Perpignan ...	30.17	73	NW	2	bc	30.22	+ .09	74	64	+ 2	NW	2	b	#	bc	#	84	66	-
	Biarritz ...	30.22	75	N	3	b	30.18	00	67	63	- 1	E	3	b	2	b	#	77	61	-
	Corunna ...	30.17	75	NNW	4	b	30.17	- .01	75	66	+ 5	Z	0	b	#	b	#	88	64	-
	Lisbon ...	30.32	64	NE	2	b	30.29	- .02	70	65	- 1	N	1	b	2	b	#	77	64	-
	Azores (P. Delgada)																			

For Explanation of Columns, see bottom of last page.

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

NOTE The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 7.9 hrs;

WEATHER CHARTS

FOR *Friday, 5th August, 1898*

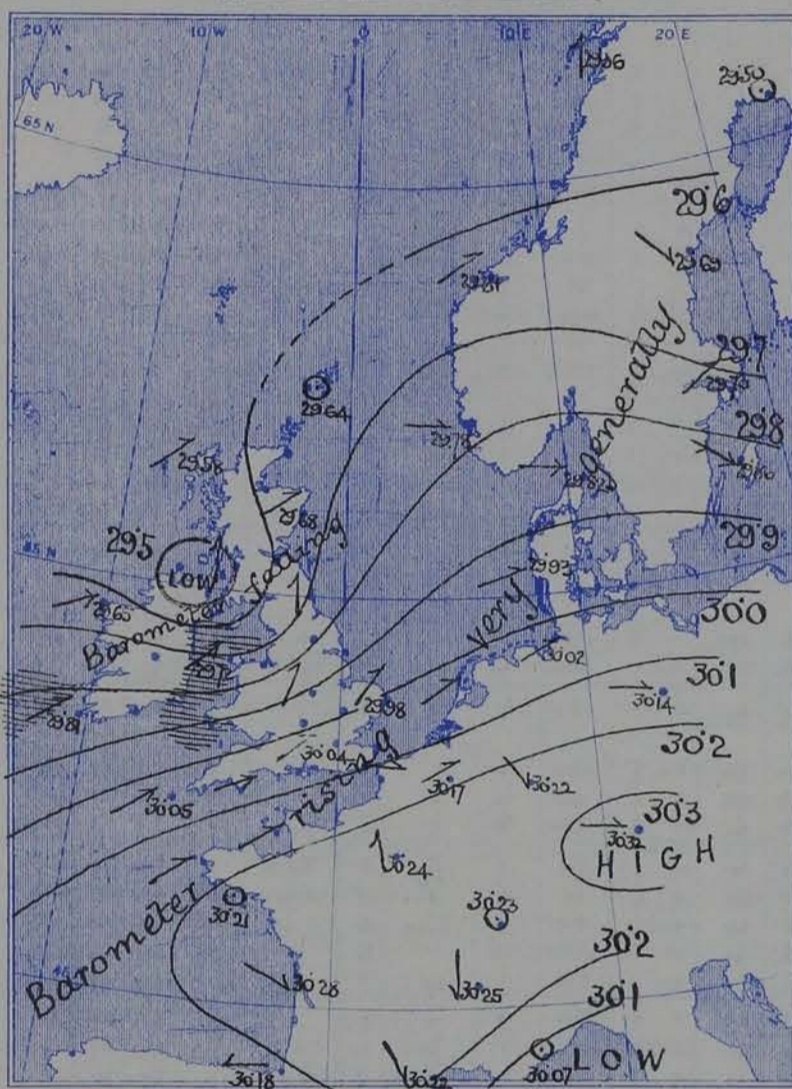
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ≡≡≡ ; High ≡≡≡

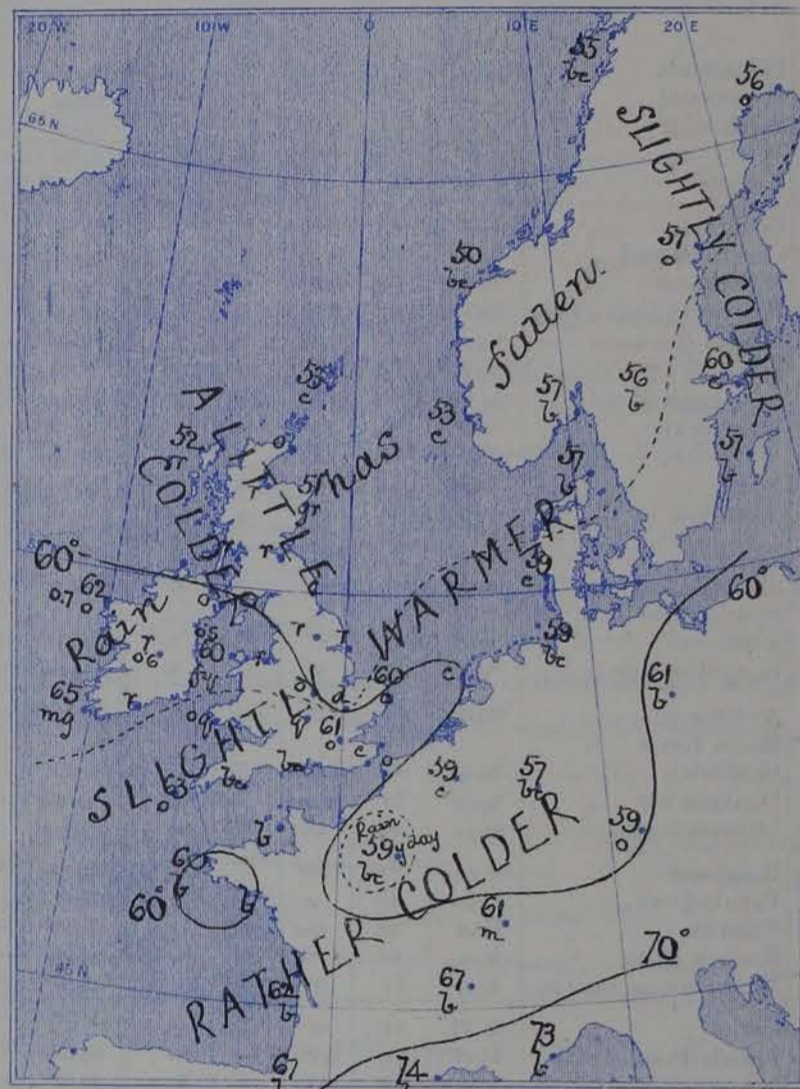


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 97	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more to 30.0 ins. over France the English Channel, the Netherlands & Germany.
Lowest. Below 29.5 ins. in a small but well-formed depression over the S.W. of Scotland.
Gradients rather steep over our Islands, and favourable for S.W. to N.W. winds.
Barometer falling very briskly over Scotland, but in the S. of Ireland the fall had ceased.

TEMPERATURE

Highest 73° to 74° in the S. of France, 65° to 64° over the S.W. parts of England and Ireland.
Lowest 50° at Christiansund, 51° to 53° over the N.W. and E. parts of Scotland, 59° at Paris & Munich.
The highest of the maxima recorded yesterday were - 67° at York, 71° at Cambridge, 72° in London, 75° at Paris, 82° at Lyons and Nice.

WIND

(1) S. to E. and light over Scotland; S.W. strong to fresh over England and Ireland, rather more W. over the North Sea.
(2) Light and anticyclonic over Germany and France.

WEATHER

Dull and rainy at the W. and N.W. stations, and cloudy, with a tendency to rain, over our S.W. and S.E. counties; very fine over France and Germany.
The rainfall has been very considerable over Ireland the N.W. of England, Sunshine yesterday was slight over Ireland, but considerable over Gt. Britain.

SEA

Rough in the W. and S.W. and at Holyhead, moderate in the English Channel, smooth off our N.E. coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression in the N.W. moves away to the northeastward the sky will probably clear temporarily over England; but the general condition is certainly becoming less settled than of late.

FORECASTS

For the 24 hours ending at NOON on 6TH AUGUST 1898

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Very variable light breezes, some showers, bright intervals.

S.W. to W. breezes, very fresh, showery, then fair.

S.W. winds, fresh, slight showers; then W. moderate, cooler, fair.

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

S.W. and W. winds moderating, changeable weather, showery to fair, not settled.

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	24.69	57	54	W	4	c	2	Valencia	30.12	64	58	WSW	5	o	5
Sumburgh Head	24.60	56	52	W	3	b	3	Scilly	30.22	66	59	W	1	e	2
Stornoway	24.73	57	53	NW	4	c	4	Jersey	30.21	66	61	W	5	bc	4
Aberdeen	24.73	57	53	E	2	cq	2	Hurst Castle	30.13	68	64	SW	4	c	3
Shields	24.86	66	58	W	3	c	3	Dungeness	30.05	64	61	SW	5	c	4
Ardrossan	24.88	58	56	W	5	c	3	North Foreland	30.06	67	56	W	4	c	3
Malin Head	24.91	57	56	NW	5	c	5	London (Westminster)	30.06	70	59	WNW	2	c	#
Belmullet	30.02	62	55	W	2	o	*	Yarmouth	24.99	65	56	WNW	3	bc	2
Holyhead	30.04	62	58	SW	3	bc	2	Rochefort	30.19	69	67	W	4	o	*

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France ; at 8 p.m. in Sweden, Norway and Germany. 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, 6th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dir.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	29.38	55	WSW	6	C	29.56	+0.6	57	53	+1	S	2	b	#	C	#	61	52	0.24	
	Hernösand ...	29.63	54	L	0	C	29.56	-1.3	55	52	-2	L	0	0	#	C	#	64	52	-	
	Stockholm ...	29.81	59	S	2	0	29.55	-1.5	57	56	-3	S	4	r	#	0	#	66	52	0.24	
	Wisby ...	29.91	60	SW	6	0	29.68	-1.8	60	54	+3	SSW	10	0	#	0	#	66	54	0.04	
	Karlstad ...	29.74	55	SW	4	C	29.42	-2.7	57	56	+1	SSW	4	r	#	C.r	#	#	#	0.30	
	Bodö ...	29.56	57	WSW	4	C	29.47	-0.9	54	49	-1	S	1	0	0	C	#	57	48	0.12	
	Christiansund ...	29.60	53	WSW	3	C	29.43	-1.8	52	50	+2	NNE	1	0	2	C	#	54	48	0.08	
	Skudesnaes ...	29.59	52	W	2	0	29.39	-3.9	52	51	-1	NNE	6	0	2	0	#	55	50	#	
	Færder (Christiania Fjord)	29.71	56	SW	6	0	29.37	-3.6	58	58	+1	SSW	4	m	3	0	#	59	54	0.30	
	Skagen (The Scaw)	29.74	56	SSW	4	0	29.48	-3.4	59	59	+2	SSW	3	m	0	0.r	#	61	54	0.63	
BRITISH ISLANDS.	Fanö ...	29.72	59	SSW	8	r	29.63	-3.0	61	60	+2	SW	6	0	#	r	#	63	57	0.16	
	Sumburgh Head	29.50	53	SE	1	0	29.52	-1.2	50	49	-3	NW	1	0	3	0	#	54	47	0.01	
	Stornoway ...	29.50	55	NNE	3	0	29.63	+0.5	51	50	-1	N	3	C	3	0.0	2.3	60	45	0.20	
	Wick ...	29.49	55	SSW	2	0	29.56	-1.0	53	50	0	NW	1	cp	0	0	#	57	45	0.03	
	Nairn ...	29.44	54	NE	2	0	29.65	-0.4	52	50	0	SW	2	bc	1	0	#	56	46	0.25	
	Aberdeen ...	29.41	52	N	2	ogm	29.65	-0.3	53	49	+4	N	4	bcq	2	ogm	0.0	55	49	0.43	
	Leith ...	29.40	61	SW	3	0	29.69	+1.3	60	54	+7	W	3	bc	#	0	#	64	50	0.21	
	Shields ...	29.51	66	SW	4	r	29.69	-0.2	57	53	+3	W	3	bc	2	r	#	72	52	0.43	
	Spurn Head ...	29.65	68	SW	5	0	29.75	-0.4	59	56	+3	NNE	5	C	4	rcq	#	72	56	0.08	
	York ...	29.62	71	W	3	0	29.77	-0.0	58	54	+2	W	1	cp	#	r.p	0.4	74	53	0.28	
GERMANY & HOLLAND.	Loughborough ...	29.74	69	SW	6	C	29.81	-0.8	58	55	+2	W	2	0	#	cp.p.c.0	#	76	56	0.02	
	Ardrossan ...	29.43	58	NNE	4	0	29.74	+2.5	59	55	0	W	4	C	3	r.0	#	62	52	0.09	
	Malin Head ...	29.50	55	NNE	5	C	29.75	+3.6	55	53	-6	WSW	3	bc	2	0.0	#	61	52	-	
	Belmullet ...	29.65	59	NNE	3	0	29.84	+1.9	57	51	-5	NW	2	0	#	om.0	#	62	51	0.03	
	Donaghadee ...	29.47	65	WSW	3	p	29.80	+2.6	59	56	-4	NW	4	bc	2	p	#	68	48	0.59	
	Liverpool (Bidston)	29.62	67	SW	7	0	29.81	+1.1	58	53	-5	NNE	2	C	3	p.r	#	71	54	0.19	
	Holyhead ...	29.63	61	SW	8	r.g.f	29.82	+1.0	57	54	-3	NNE	2	C	2	fg.r.f	#	64	53	0.18	
	Parsonstown ...	29.58	65	W	2	r	29.86	+1.5	56	53	-9	NE	1	C	#	0.1	0.0	68	50	0.30	
	Valencia ...	29.70	62	WSW	5	og	29.88	+0.7	57	54	-8	ESE	2	0	4	r.og	0.0	68	53	0.24	
	Roche's Point ...	29.67	62	WSW	6	pm	29.87	+0.1	57	54	-5	NW	3	C	3	pm	#	64	55	0.30	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.76	63	SW	7	0	29.83	-0.3	57	54	-5	NNE	4	og	4	0	0.0	63	55	0.09	
	Scilly ...	29.93	65	SSW	5	C	29.81	-2.4	60	60	-3	SW	2	r	3	m.c.f	2.1	67	59	0.08	
	Prawle Point ...	30.02	60	SW	5	opd	29.84	-2.4	60	60	-2	SW	5	rf	4	rm	#	64	59	0.07	
	Jersey (St. Aubin's)	30.07	71	SW	4	b	29.96	-2.2	65	63	-1	SW	4	od.p.m	4	b.c	#	74	62	0.03	
	Hurst Castle ...	29.97	64	SW	6	r	29.87	-2.1	64	63	0	SW	5	pa	3	om.pd	#	66	61	-	
	Dungeness ...	29.99	64	SW	5	b	29.89	-2.0	63	62	+1	SW	5	0	4	b	#	67	61	-	
	North Foreland	29.95	67	SW	6	b	29.86	-2.3	66	62	+5	SW	6	C	4	b	#	71	60	-	
	London (Brixton) ...	29.89	65	SW	5	0	29.84	-3.0	64	63	+3	SW	4	0	#	bc.og.p	2.8	74	61	0.01	
	Oxford ...	29.83	65	SSW	6	0	29.82	-1.5	62	61	+2	SW	2	op	#	og.p	#	71	60	0.13	
	Cambridge ...	29.81	70	SW	5	og.r	29.82	-1.6	61	61	+5	SW	2	r	#	c.og.r	4.8	77	55	0.24	
PENIN- SULA.	Yarmouth ...	29.81	72	SW	5	bc	29.77	-2.1	63	62	+3	NNE	2	rm	3	bcq	#	74	56	0.05	
	Cuxhaven ...	29.92	59	SSW	5	r	29.78	-2.4	63	60	+4	SW	6	0	#	r	#	66	57	0.04	
	Berlin ...	30.05	66	SW	3	bc	29.98	-1.6	67	60	+6	SW	4	b	#	bc	#	72	61	-	
	Wiesbaden ...	#	#	#	#	#	30.10	-1.2	61	58	+4	L	0	b	#	#	#	73	54	-	
	Munich ...	30.25	62	L	0	b	30.19	-1.3	65	61	+6	SE	3	b	#	b	#	72	52	-	
	The Helder ...	29.84	62	SW	5	bc	29.78	-2.3	64	62	+1	SW	5	bc	3	bc	#	64	57	0.08	
	Brussels ...	#	#	#	#	#	29.97	-2.0	65	60	+6	SW	4	b	#	b	#	75	57	-	
	Cape Gris Nez ...	?	64	N	5	b	?	?	62	60	+1	WSW	5	0	5	b	#	66	59	-	
	Paris ...	30.07	77	SW	2	b	30.04	-2.0	62	57	+3	SSW	2	b	#	b	#	81	53	-	
	Brest ...	30.10	64	SSW	3	b	29.94	?	62	61	+2	SSW	3	0	3	b	#	68	57	0.04	
GERMANY & HOLLAND.	Lorient ...	30.11	65	WSW	3	f	30.00	-2.1	63	63	+3	S	2	m	2	f	#	75	54	-	
	Rochefort ...	30.22	68	NNE	3	b	30.13	-1.5	66	66	+4	L	0	0	#	b	#	75	62	-	
	Belfort ...	30.12	72	WSW	2	b	30.04	-1.9	60	55	-1	L	0	m	#	b	#	78	53	-	
	Lyons ...	30.16	78	NE	1	bc	30.09	-1.6	67	63	0	W	1	b	#	b	#	83	58	-	
	Nice ...	30.05	?	SW	2	b	30.05	-0.2	75	62	+2	E	1	b	#	b	#	?	?	-	
	Perpignan ...	30.10	87	N	2	b	30.05	-1.7	75	65	+1	W	2	b	#	b	#	91	63	-	
	Biarritz ...	30.06	72	NNE	4	b	30.00	-1.8	66	65	-1	L	0	m	2	b	#	82	64	-	
	Corunna ...	30.09	79	N	3	b	30.07	-1.0	71	63	-4	NNE	4	b	#	b	#	93	68	-	
	Lisbon ...	30.25	70	L	0	b	30.18	-1.1	72	70	+2	W	1	C	2	b	#	77	68	-	
	Azores (P. Delgada)																				

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 0.2 hrs;

WEATHER CHARTS

FOR *Saturday, 6th August* 1898

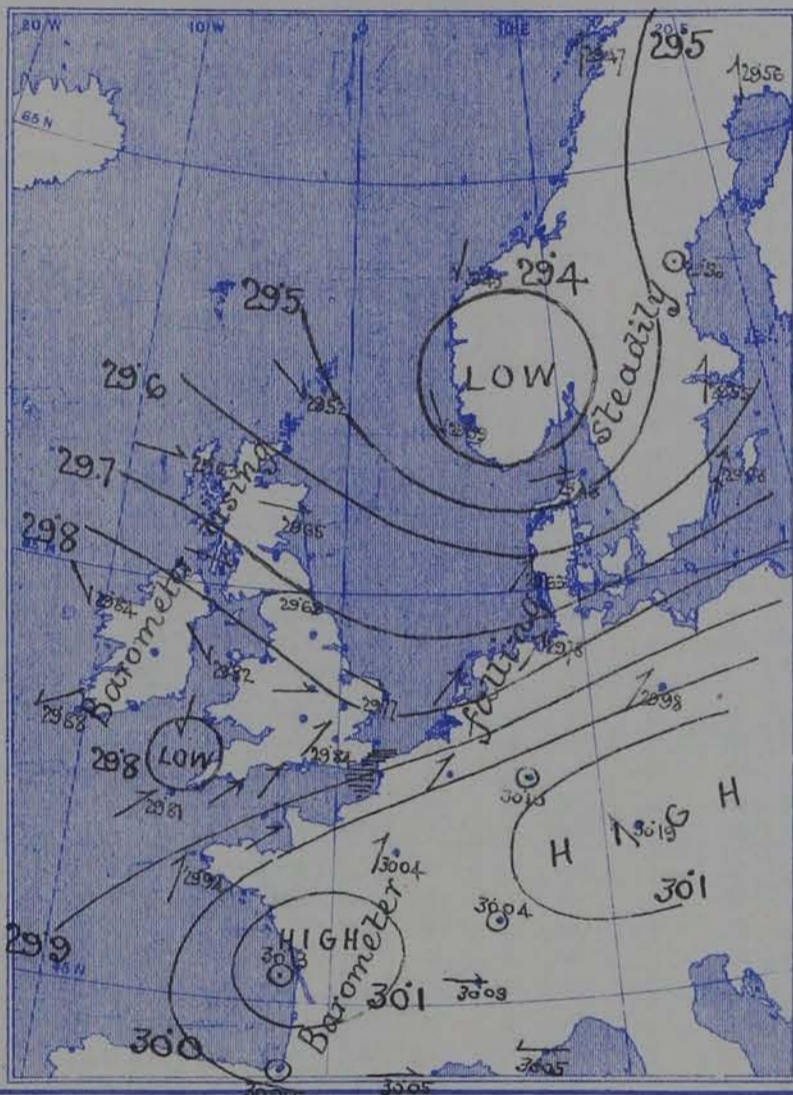
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and more to 29.9 in: over Germany and France.
 Lowest, 29.4 in: and less, in a depression over the southern half of Norway, and below 29.8 in: in a small system over the Bristol Channel.
 Gradients rather steep over the Channel and the Netherlands, very slight over Ireland.
 Barometer rising over Ireland and Scotland, very unsteady over the south of England.

TEMPERATURE

Highest, 75° at Nice and Perpignan, 65° to 60° over the northern parts of France, and the southern counties of England.
 Lowest, 56° to 55° over Ireland, 50° to 55° over the northern parts of Scotland and the west of Norway.
 The highest of the maxima recorded yesterday were 70° to 77° over England, 81° at Paris, 91° at Perpignan.

WIND

SW over the Channel and north of France, the Netherlands, North Germany and the Baltic, and blew a gale at Harty, a strong breeze on the eastern shores of the North Sea and a fresh breeze on our southern coasts.
 A moderate to fresh gale from SW. has been felt at our southern and western stations during the past night.

WEATHER

Fine in Scotland, cloudy in Ireland, showery over England and the North Sea and unsettled generally.
 Rain has fallen except over some parts of our southern and southeastern counties—most at our western and northern stations.
 Bright Sunshine recorded yesterday amounted to 8.4 hrs: at Earlboume, 7.1 hr at Hasting, but was much lighter elsewhere; at our western stations and Aberdeen there was none.

SEA

Moderate very generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure and the changes in progress are complex, and changeable weather, with rain at times, is probable very generally.

FORECASTS

For the 24 hours ending at NOON on 7th AUGUST 1898

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W ^{ly} and SW ^{ly} winds, moderate or light; fair as a whole.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as N°4
3	ENGLAND EAST	Same as N°5.
4	MIDLAND COUNTIES	Varying W ^{ly} breezes, moderate; changeable, occasional rain.
5	ENGLAND SOUTH	SW ^{ly} breezes, fresh; some rain—then NW ^{ly} , and temporarily finer.

DISTRICTS.

FORECASTS.

6	{ SCOTLAND WEST	{ Variable breezes, chiefly N ^W ; Weather fair and cool for a time.
7	{ ENGLAND N.W.	
8	{ ENGLAND S.W.	
9	{ IRELAND NORTH	
10	{ IRELAND SOUTH	
<hr/>		
At 11.15am today to districts 5, 8, and part of 7 "Lower 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.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.76	55	53	SSW	2	0	2	Valencia	29.70	66	65	SW	6	r	6
Sumburgh Head	29.57	53	51	SSW	1	0	2	Scilly	29.99	66	65	SW	4	m	4
Stornoway	29.50	60	57	E	3	C	3	Jersey	30.14	72	63	SSW	4	b	3
Aberdeen	29.47	51	51	E	3	ogm	2	Hurst Castle	30.04	65	63	SW	6	om	4
Shields	29.53	70	65	SW	4	0	2	Dungeness	30.01	67	63	SW	6	b	5
Ardrossan	29.46	61	60	SSW	3	r	3	North Foreland	29.98	70	61	SW	7	b	5
Malin Head	29.45	58	58	NSW	7	0	6	London (Westminster)	29.95	72	64	SW	4	bc	#
Belmullet	29.57	62	61	NSW	2	om	#	Yarmouth	29.83	73	64	WSW	5	bcg	4
Holyhead	29.68	62	61	SW	8	fg	6	Rochefort	30.21	73	70	W	3	b	#

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

Weather in morning fine and bright over France and the greater part of Germany, as well as over the south of Sweden; fair over the west of Norway; dull over the British Islands, and raining over the western and northwestern districts generally. Rain falling later in almost all parts of our Islands, but not in very large quantity, weather partly and unsettled over Ireland and England, but remaining fine over Spain, France, and Central Europe.

Temperature changing rather irregularly. Morning readings highest 78° at Trieste and Algiers, 77° at Oran, Palermo and Malta, and above 70° over Southern Europe generally; above 60° over the greater part of the United Kingdom, Germany, and Russia. Lowest, 50° to 53° over the west of Norway and the north of Scotland, 54° at Shields; (2) 57° at Munster and Wiesbaden, 59° at Paris and Munich. Rising later to between 70° and 74° in many parts of England, to 77° at Cambridge, 81° at Paris, and 91° at Liverpool.

Wind light to moderate and anticyclonic over Spain, France, and Germany; SW to S over Ireland and England, and blowing strongly in several places; light and variable in Scotland. Blowing a moderate to fresh gale over the English Channel and on the Dutch coast later, and shifting to the E at several of the Scotch stations.

Barometer highest 30.32 in. at Munich, and ranging between that value and 30.0 in. over the western, central, and southern parts of Europe generally. Lowest below 29.5 in. in the north of Sweden, and below 29.4 in. in a small well formed depression between Argyllshire and the north of Ireland. Latter disturbance moving northwards later, but barometer continuing to fall on all our coasts.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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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DAILY WEATHER REPORT

for 8 a.m. on

Sunday, 7th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Charge since Yester- day.					Dirac.	Force (0 to 12.)		Max.	Min.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	29.49	53	SE	2	0	29.49	-0.7	57	54	0	SE	2	0	#	0	#	61	52	0.12	
	Hernösand ...	29.50	57	S	6	0	29.75	+1.9	55	49	0	NW	6	6	#	0	#	57	43	0.12	
	Stockholm ...	29.63	61	SW	6	6	29.83	+2.8	60	57	+3	S	2	6	#	6	#	68	53	0.16	
	Wishby ...	29.78	63	WSW	6	6	29.85	+1.7	63	57	+3	SSW	6	0	#	6	#	68	55	-	
	Karlstad ...	29.62	59	SW	6	6	29.77	+3.5	55	53	-2	S	4	0	#	6	#	#	#	0.04	
	Bodö ...	29.43	56	Z	0	6	29.58	+1.1	51	48	-3	SW	6	7	3	6	#	57	48	0.12	
	Christiansund ...	29.58	51	N	8	7	29.77	+3.4	49	47	-3	N	4	7	3	7	#	55	46	0.16	
	Skudesnaes ...	29.76	53	N	2	bc	29.74	+3.5	51	50	-1	NE	2	0	2	c, bc	#	57	48	#	
	Færder (Christiania Fjord)	29.62	61	SW	4	6	29.69	+3.2	54	49	-4	NNE	2	0	3	6	#	61	54	-	
	Skagen (The Seaw)	29.76	55	N	4	c	29.65	+1.7	55	53	-4	ESE	2	7	0	c	#	63	54	0.08	
	Fanø ...	29.85	56	Z	0	c	29.53	-1.0	62	61	+1	SSW	4	c	#	c	#	64	55	0.12	
	Sumburgh Head	29.66	53	N	1	bc	29.70	+1.8	52	50	+2	N	1	bc	1	c, bc	#	55	45	-	
	Stornoway ...	29.68	56	NW	2	c	29.68	+0.5	54	52	+3	SW	3	c	3	a, bc	11.4	60	45	0.03	
	Wick ...	29.72	55	Z	0	c	29.73	+1.7	53	52	0	S	1	bc	1	c	#	62	44	0.10	
	Nairn ...	29.70	51	SW	1	c	29.72	+0.7	55	52	+3	WSW	1	6	1	c	#	63	45	0.03	
Aberdeen ...	29.73	54	E	2	ogp	29.73	+0.8	59	55	+4	NE	2	bc	2	c, ogp	6.9	63	46	0.05		
BRITISH ISLANDS.	Leith ...	29.72	59	WSW	2	0	29.73	+0.4	60	54	0	WSW	2	6	#	0	#	66	45	-	
	Shields ...	29.74	57	SSW	2	0	29.77	+0.8	57	53	0	WSW	2	cm	2	c, 0	#	65	45	-	
	Spurn Head ...	29.71	55	E	3	r	29.78	+0.3	54	52	-5	WSW	1	0	2	c, r	#	64	50	0.60	
	York ...	29.75	57	SW	1	r	29.80	+0.3	54	51	-4	NW	1	c	#	c, r	3.8	65	46	0.35	
	Loughborough ...	29.71	57	N	1	r	29.83	+0.2	49	49	-9	Z	0	ogmw	#	og, fm	#	63	46	0.79	
	Ardrossan ...	29.73	58	N	2	c	29.74	-0.0	58	54	-1	SE	1	bc	1	c, c	#	62	45	-	
	Malin Head ...	29.77	57	N	3	bc	29.70	-0.5	54	53	-1	SSW	3	c	1	bc	#	59	50	-	
	Belmullet ...	29.82	58	N	2	6	29.74	-1.0	57	55	0	WSW	2	0	#	c, 6	#	60	50	0.18	
	Donaghadee ...	29.80	57	NW	3	r	29.76	-0.4	57	55	-2	SW	3	6	1	r	#	64	41	0.02	
	Liverpool (Bidston)	29.77	55	NW	1	0	29.80	-0.1	55	51	-3	SSW	1	c	1	bc, p	#	59	51	0.06	
	Holyhead ...	29.79	56	N	1	c	29.78	-0.4	57	56	0	SE	1	c	1	c, c	#	60	50	-	
	Parsonstown ...	29.80	61	Z	0	c	29.76	-1.0	55	52	-1	Z	0	bc	#	c	2.5	63	44	-	
	Valencia ...	29.85	60	N	2	6	29.76	-1.2	58	55	+1	SSW	2	cr	3	c, 6v	5.9	61	49	0.05	
	Roche's Point ...	29.83	58	SW	2	c	29.79	-0.8	56	53	-1	N	1	bc	1	cp	#	60	52	-	
	Pembroke (St. Ann's Hd.)	29.79	57	N	3	c	29.78	-0.5	55	53	-2	SE	3	og	3	c, c	0.2	57	52	-	
GERMANY & HOLLAND.	Scilly ...	29.83	63	NW	2	bc	29.74	-0.7	57	56	-3	E	3	or	2	ry, bc	3.4	64	55	0.45	
	Prawle Point ...	29.75	60	NW	3	6	29.77	-0.7	53	52	-7	NNE	2	r	2	c, r	#	63	52	0.22	
	Jersey (St. Aubin's)	29.83	69	SW	5	c	29.70	-2.6	61	60	-4	NE	2	rm	3	c, cp	#	70	58	0.46	
	Hurst Castle ...	29.74	66	SSW	5	c	29.80	-0.7	55	54	-9	ESE	2	rm	2	c, cm	#	68	53	0.15	
	Dungeness ...	29.80	64	SSW	4	r	29.83	-0.6	55	54	-8	ESE	2	c	1	c, p	#	66	53	0.31	
	North Foreland	29.79	66	SSW	5	c	29.84	-0.2	55	52	-11	NE	2	0	2	c, ter	#	69	53	0.07	
	London (Brixton) ...	29.72	67	SW	4	op	29.82	-0.2	53	52	-11	ESE	1	or	#	op	0.0	69	52	0.03	
	Oxford ...	29.72	55	N	3	0	29.82	-0.0	57	50	-11	ESE	1	r	#	ter	#	68	48	0.88	
	Cambridge ...	29.68	65	S	4	0	29.83	+0.1	54	53	-7	Z	0	og	#	ot, r	0.1	68	49	0.63	
	Yarmouth ...	29.72	62	Z	0	c	29.82	+0.5	55	53	-8	Z	0	bc	3	pe	#	65	50	0.15	
	Cuxhaven ...	29.86	63	N	2	r	29.65	-1.3	63	61	0	SW	6	c	#	r	#	66	59	1.22	
	Berlin ...	29.91	74	WSW	2	6	29.84	-1.4	69	64	+2	SW	4	c	#	6	#	86	61	-	
	Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Munich ...	30.08	69	Z	0	6	30.09	-1.0	70	63	+5	SW	4	6	#	6	#	79	57	-	
	The Helder ...	29.78	63	SW	2	c	29.79	+0.1	59	55	-5	NW	2	bc	3	c	#	64	57	0.28	
FRANCE & BELGIUM.	Brussels ...	#	#	#	#	#	29.86	-1.1	62	59	-3	SW	1	0	#	0	#	80	60	-	
	Cape Gris Nez ...	#	64	SW	3	0	#	#	56	54	-6	ESE	2	r	2	0	#	66	54	0.16	
	Paris ...	29.90	77	WSW	2	0	29.87	-1.7	65	62	+3	SSW	2	bc	#	0.2	#	81	60	-	
	Brest ...	29.87	63	SW	3	0	29.71	-2.3	61	60	-1	SW	4	r	4	0	#	64	59	0.12	
	Lorient ...	29.91	67	SW	3	c	29.75	-2.5	64	64	+1	SW	5	r	5	c	#	75	54	-	
	Rochefort ...	29.95	68	NW	3	0	29.84	-2.9	66	65	0	N	1	6	#	b, 0	#	75	63	-	
PENIN- SULA.	Belfort ...	29.93	77	N	2	6	29.91	-1.3	72	62	+12	NW	1	m	#	6	#	83	58	-	
	Lyons ...	29.84	86	S	1	6	29.94	-1.5	74	61	+7	S	1	6	#	6	#	92	66	-	
	Nice ...	29.91	84	SW	3	6	29.87	-1.8	71	63	-4	S	3	0	0	6	#	87	59	-	
	Perpignan ...	30.00	76	NE	1	c	30.11	+0.6	74	71	-1	N	1	bc	#	c	#	87	63	-	
	Biarritz ...	29.97	72	N	5	0	29.86	-1.4	71	#	+5	N	3	0	2	ter	#	#	#	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
Lisbon ...	30.02	66	N	2	6	30.07	-0.0	68	62	-3	N	4	6	#	6	#	84	64	-		
Azores (P. Delgada)	30.14	73	N	1	6	30.10	-0.8	72	71	0	NW	2	c	2	6	#	79	70	0.08		

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 2.5 hrs;

WEATHER CHARTS

FOR Sunday, 7th August, 1898

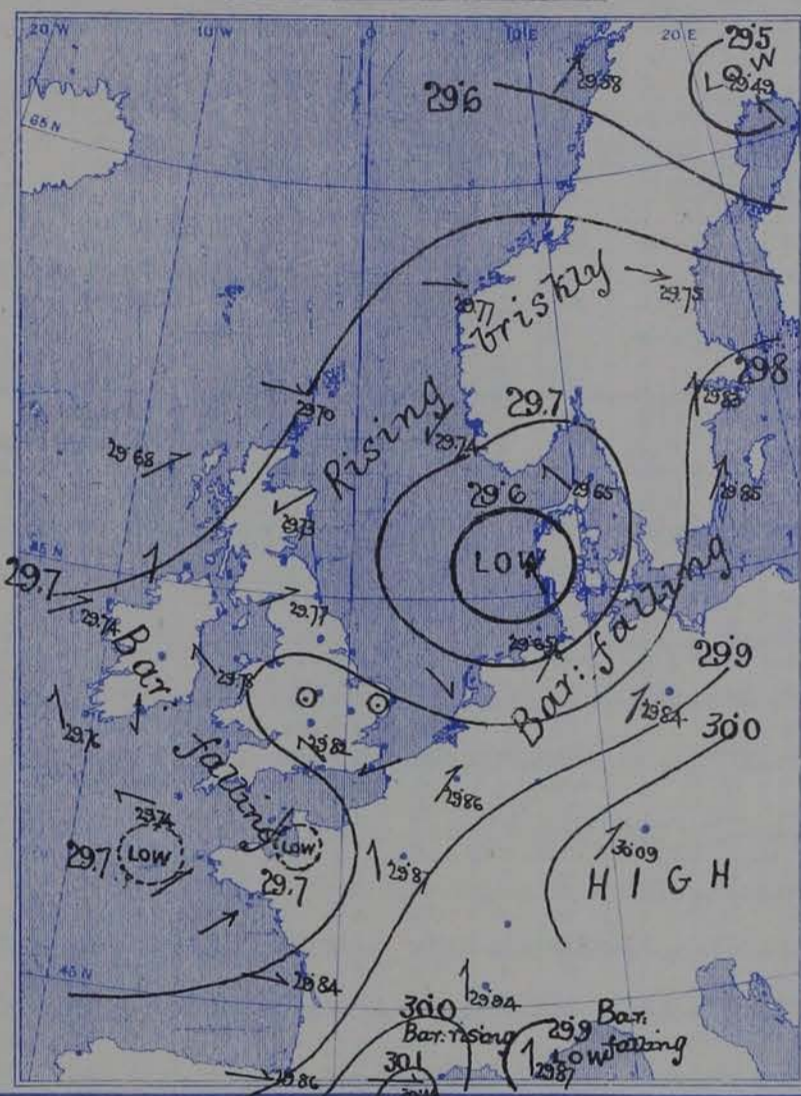
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → ; Force 5 to 7 → ; Force 8 to 10 → ; Force 1 to 4 → ; Calm ☉

SEA—Rough ≡ ; High ≡

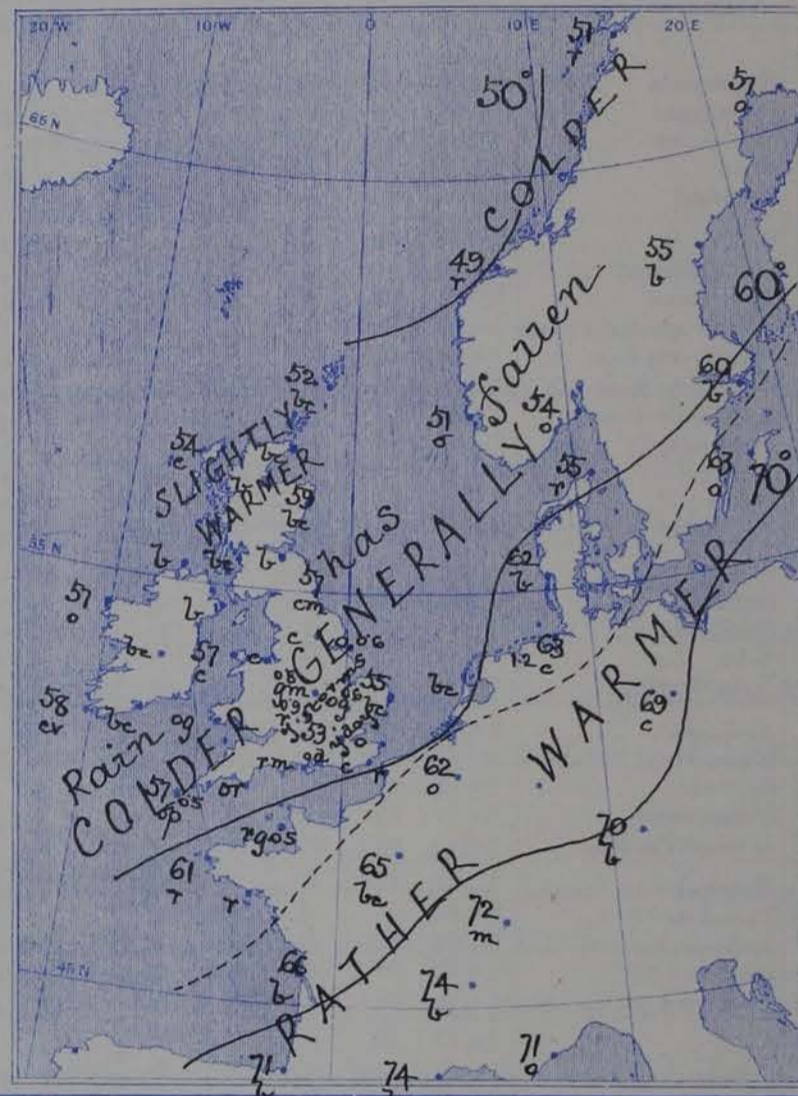


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871-95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866-95.	Means, 1881-95.	Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Minimum				
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	38	1880, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 30.0 ins. over the E. and S. of Spain and apparently over Austria Hungary. Lowest (1) Below 29.7 ins. over the extreme NW. of our Islands and the adjacent parts of the Atlantic, (2) below 29.5 ins. in a small depression over the N. of Sweden, below 29.6 ins. in another over the E. side of the North Sea and about 29.7 ins. in two others only just arrived, one over Jersey and the other off the mouth of the English Channel from the W. Gradients though slight varied exceedingly in direction. Distribution was exceedingly complex, especially over our S. regions and the N. of France. Barometer falling in the S. rising in the N.

TEMPERATURE

Highest 74° to 70° over the S. and E. parts of France and S. Germany, 69° at Berlin, 65° at Paris, 63° at Whist. Lowest Below 60° all over our Islands and Sweden and as low as (1) 49° at Christiansund, 51° at Rode and Skudonæs, (2) 49° at Loughborough, 51° at Oxford, 53° in London, 54° at Cambridge and York. The thermometer has fallen fast over England during the night, but was inclined to rise over Ireland and Scotland.

WIND

(1) SW. to W. and strong, over the northern parts of Scandinavia but SE. at Haparanda. (2) Light and exceedingly variable over our Islands, but NE. to SE. at the most southern of our stations, SW. to W. over the Bay of Biscay, and western parts of France, (3) SW. over Germany. The cyclonic circulation at the mouth of the Channel and near the Channel Islands was very complex.

WEATHER

Fair as a whole over the W. and N. parts of the Kingdom, rainy over the countries lying to the eastward of the North Sea, as well as over the S. and SW. parts of England, the Channel Islands and the NW. of France — and exceedingly changeable generally.

A great deal of rain had fallen in many parts of England, and a very heavy fall at the mouth of the Elbe. Thunder and lightning had occurred over the SE. of England. Bright Sunshine exceeded 11 hrs. at Stornoway, was moderate over Scotland and Ireland as a whole and exceedingly slight in the S. and E. of England.

SEA

Not much disturbed.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 8TH AUGUST 1898

DISTRICTS.

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

FORECASTS.

NONE ISSUED

DISTRICTS.

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

FORECASTS.

NONE ISSUED

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.63	57	52	W	4	c	2	Valencia ...	29.86	60	54	W	1	c	2
Sumburgh Head	29.63	53	50	W	2	c	3	Scilly ...	29.77	61	60	W	4	qr	3
Stornoway ...	29.67	59	53	W	3	bc	3	Jersey ...	29.89	68	65	SSW	4	o	4
Aberdeen ...	29.73	56	53	SE	2	c	3	Hurst Castle ...	29.82	68	66	SW	4	o	3
Shields ...	29.77	65	57	W	3	c	2	Dungeness ...	29.86	64	63	SW	5	o	4
Ardrossan ...	29.75	60	57	W	3	o	2	North Foreland	29.84	67	63	SW	5	c	3
Malin Head ...	29.76	59	57	NW	3	bc	2	London (Westminster)	29.79	67	64	SW	5	odp	#
Belmullet ...	29.89	57	53	NW	1	o	#	Yarmouth ...	29.80	59	57	ENE	4	or	3
Holyhead ...	29.81	58	55	NW	1	o	1	Rocheport ...	29.99	74	72	W	3	b	#

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

Weather in morning fine over the central, eastern, southeastern and southern countries and the Mediterranean; very unsettled and changeable in the N. with rain in several places, and especially over the SW^m parts of England. Large quantities falling later over many parts of England, thunder and lightning reported over the S^m half of the country, and a very heavy rainfall at Cuxhaven. Ireland and Scotland comparatively fine.

Temperature falling fast in Ireland, rising over Germany, changing little elsewhere. Morning readings highest 80° at Trieste, 79° at Brindisi, and exceeding 70° at almost all the Mediterranean stations; above 60° over Germany, France and the S^m half of England. Lowest below 60° over Finland, Scandinavia, the N^m parts of Gt. Britain, and apparently all over Ireland, and as low as 50° at Sumburgh H., 53° at Wick, 55° at Malin H., and 56° at Parsonstown. Rising later to a little above 60° over Ireland and Scotland, to between 63° and 69° over England, to 86° at Berlin, 83° at Belfort, and 87° at Perpignan.

Wind (1) Light and anticyclonic over France the Mediterranean central and E^m Europe. Cyclonic over the N^m and NW^m parts of the Continent viz. W^{ly} to SW^{ly} moderate to fresh over Gt. Britain, SW^{ly} strong, over Holland and blowing a gale over parts of the Mediterranean, S^{ly} to E^{ly}, light, in the northwest of Norway. A small independent cyclonic system over the Bristol Channel and Cornwall. Latter system spreading eastwards later.

Barometer. Highest 30.1 ins. and more to 29.9 ins. over the central, W. and S^m countries. Lowest 29.4 ins. and less over the S^m half of Norway, and about 29.8 ins. in a local system over Cornwall and the Bristol Channel. Latter system spreading N^{ly} later and undergoing considerable development - former (larger) system filling up.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 8th August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	TEMP.			Rainfall.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12.)				Max.	Min.			
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
Haparanda	...	29.71	56	WSW	2	bc	29.69	+20	57	53	0	N	2	C	#	bc	#	63	50	0.08	
Hernösand	...	29.73	50	Z	0	C	29.76	+01	54	50	-1	NW	2	C	#	C	#	61	48	0.04	
Stockholm	...	29.61	59	Z	0	0	29.71	-12	57	57	-3	SW	2	r	#	0	#	64	54	0.35	
Wisby	...	29.70	62	SSW	8	b	29.78	-07	58	57	-5	N	4	C	#	0	#	72	54	0.24	
Karlstad	...	29.67	49	NNE	4	0	29.82	+05	51	48	-4	N	2	0	#	0	#	#	#	0.67	
Bodö	...	29.74	51	WSW	6	C	29.76	+18	50	46	-1	WSW	7	0	4	C	#	54	45	0.28	
Christiansund	...	29.79	53	N	2	b	29.87	+10	51	44	+2	WNW	2	C	3	bc	#	55	46	0.12	
Skudesnaes	...	29.80	53	WNW	4	bc	29.84	+10	52	49	+1	N	4	b	2	b, bc	#	59	46	#	
Færder (Christiania Fjord)	...	29.73	54	N	9	b	29.85	+16	52	50	-2	NNE	2	0	2	b	#	54	50	0.32	
Skagen (The Scaw)	...	29.76	53	WNW	2	bc	29.82	+17	54	51	-1	NE	2	C	0	bc	#	59	52	0.47	
Faro	...	29.76	55	NNE	2	0	29.80	+27	53	51	-9	NNE	2	b	#	0	#	63	52	-	
Sumburgh Head	...	29.76	56	SSW	1	b	29.82	+12	51	50	-1	SE	3	0	3	b	#	57	45	-	
Stornoway	...	29.67	53	SSE	3	0	29.77	+09	52	50	-2	WNW	2	b	2	r, o	3.6	57	43	0.80	
Wick	...	29.75	55	S	1	bc	29.82	+09	54	52	+1	SE	1	0	1	bc	#	62	50	0.05	
Nairn	...	29.69	57	Z	0	0	29.78	+06	53	53	0	Z	0	bc	0	0	#	63	48	0.07	
Aberdeen	...	29.73	55	SE	3	b	29.81	+08	53	52	-6	N	1	omw	1	b, b	11.1	61	45	-	
Leith	...	29.70	61	S	1	C	29.78	+05	54	51	-6	WSW	1	om	#	C	#	65	45	-	
Shields	...	29.74	57	SE	3	C	29.80	+03	52	50	-5	WSW	1	m	2	C	#	61	47	-	
Spurn Head	...	29.75	57	S	1	C	29.80	+02	55	52	+1	WSW	1	0	2	o, c	#	58	51	-	
York	...	29.76	61	S	1	0	29.82	+02	49	49	-5	Z	0	C	#	f, o, c	1.7	64	46	-	
Loughborough	...	29.77	63	N	1	b	29.82	-01	51	50	+2	Z	0	cmw	#	o, bc, cm	#	63	46	-	
Ardrossan	...	29.70	59	SW	2	b	29.81	+07	53	53	-5	Z	0	rm	0	b	#	62	50	0.25	
Malin Head	...	29.69	55	SSE	2	bc	29.82	+12	54	54	0	WNW	4	b, c, p	2	C, bc	#	55	53	0.14	
Belmullet	...	29.75	53	WSW	1	0	29.89	+15	57	52	0	N	2	b	#	0	#	61	50	0.01	
Donaghadee	...	29.73	57	NW	3	bc	29.81	+05	54	54	-3	NW	2	r	0	bc	#	63	52	0.36	
Liverpool (Bidston)	...	29.75	60	WNW	1	bc	29.79	-01	55	53	0	SSE	2	C	?	bc	#	66	51	-	
Holyhead	...	29.75	59	SW	2	b	29.79	+01	57	55	0	NNE	1	C	1	b	#	63	51	-	
Parsonstown	...	29.72	58	Z	0	C	29.87	+11	53	51	-2	NW	1	bc	#	cp, r	5.3	65	51	0.33	
Valencia	...	29.71	60	SW	3	0	29.93	+17	58	52	0	N	5	C	4	C, o	4.3	63	53	0.08	
Roche's Point	...	29.74	60	SSW	3	0	29.87	+08	56	53	0	N	4	bc	3	C, o, p	#	64	52	0.45	
Pembroke (St. Ann's Hd.)	...	29.78	60	SW	3	0	29.74	-04	60	54	+5	NNE	3	0	2	bc, o	6.1	63	53	-	
Scilly	...	29.77	61	SSE	1	C	29.67	-07	56	55	-1	NNE	3	r	2	C	5.5	64	54	0.62	
Prawle Point	...	29.80	51	SSE	3	C	29.64	-13	54	53	+1	E	5	r	4	p, r	#	57	52	0.42	
Jersey (St. Aubin's)	...	29.80	62	WNW	3	C	29.54	-16	58	57	-3	NNE	3	rm	3	r, c, p	#	63	56	0.56	
Hurst Castle	...	29.78	60	N	1	C	29.69	-11	56	56	+1	NNE	5	rm	3	r, c	#	60	54	0.65	
Dungeness	...	29.67	56	NNE	5	C	29.70	-13	57	56	+2	NNE	5	r	4	r, c	#	57	48	0.82	
North Foreland	...	29.67	55	NW	6	0	29.75	-09	56	53	+1	NE	4	C	3	r, o	#	56	53	0.79	
London (Brixton)	...	29.73	54	NNE	3	bc	29.76	-06	53	52	0	NNE	2	or	#	or, b	0.3	54	45	0.63	
Oxford	...	29.83	52	NE	1	b	29.77	-05	51	50	0	NE	1	0	#	r, b	#	57	46	0.36	
Cambridge	...	29.76	53	N	2	bm	29.80	-03	52	52	-2	N	1	om	#	r, bm	1.1	57	42	0.35	
Yarmouth	...	29.72	55	NNE	5	r	29.78	-04	55	52	0	NNE	4	cy	4	ogr	#	57	50	0.53	
Cuxhaven	...	29.80	57	N	2	r	29.72	+07	54	53	-9	NE	5	0	#	r	#	64	54	0.20	
Berlin	...	29.76	74	SW	1	C	29.77	-07	73	65	+4	N	3	C	#	C	#	86	64	0.04	
Wiesbaden	...	?	#	#	#	#	29.83	?	65	62	?	SW	1	0	#	#	#	84	61	-	
Munich	...	29.91	?	E	2	b	29.96	-13	72	65	+2	SW	1	bc	#	b	#	84	57	-	
The Helder	...	29.61	56	NE	4	r	29.76	-03	57	54	-2	NE	3	C	3	r	#	61	54	0.91	
Brussels	...	?	#	#	#	#	29.77	-09	57	55	-5	E	2	0	#	0	#	71	52	0.04	
Cape Gris Nez	...	?	56	N	5	0	?	?	57	54	+1	E	3	C	3	0	#	64	54	0.55	
Paris	...	29.76	70	SW	3	b	29.71	-16	59	57	-6	SE	2	bc	#	b	#	81	55	0.04	
Brest	...	29.80	60	NW	2	bc	?	?	59	59	-2	?	5	r	4	bc	#	66	55	0.59	
Lorient	...	29.80	66	N	4	bc	29.48	-27	61	57	-3	SW	5	r	5	bc	#	70	54	0.71	
Rochefort	...	29.35	69	SW	3	0	29.73	-11	68	65	+2	N	5	0	#	0	#	75	63	-	
Belfort	...	29.75	80	SW	5	C	29.78	-13	64	62	-8	NNE	5	r	#	C	#	91	57	0.32	
Lyons	...	29.85	79	SW	3	b	29.79	-15	68	64	-6	S	2	bc	#	Z	#	90	63	0.04	
Nice	...	29.99	76	Z	0	b	29.95	+08	72	66	+1	E	1	b	1	b	#	84	64	-	
Perpignan	...	29.86	78	NE	2	b	29.84	-27	75	71	+1	E	2	C	#	b	#	82	66	0.39	
Biarritz	...	29.92	73	N	3	bc	29.86	-00	68	64	-3	SW	3	b	2	bc	#	77	64	-	
Corunna	...	30.08	69	NW	3	b	30.12	+05	69	63	+1	N	4	b	#	b	#	81	68	-	
Lisbon	...	30.17	72	NNE	3	bc	30.18	+08	73	70	+1	NNE	1	b	2	bc	#	81	68	-	
Azores (P. Delgada)	...																				

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 4.0 hrs;

WEATHER CHARTS

FOR *Monday, 8th August, 1898*

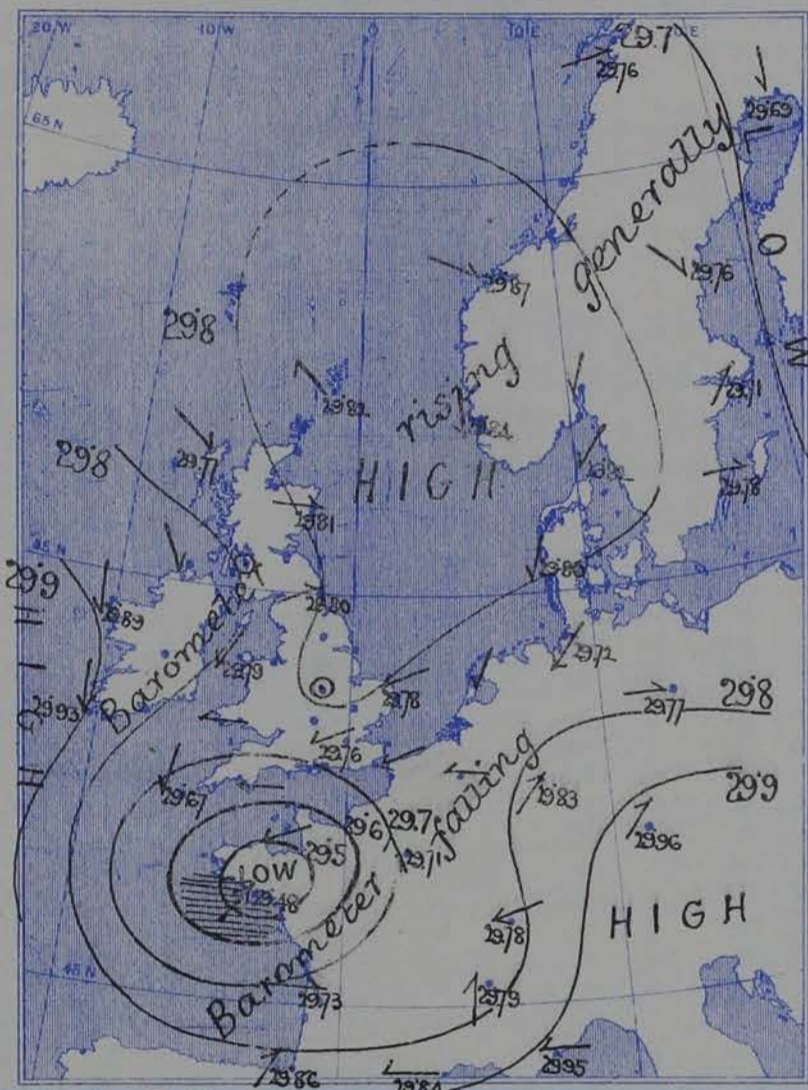
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ≡ : High ≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866—95.	Hours.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Minimum.			Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	38	1885, 95	—	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	33	1888	117.4	25	—
Wick	29.798	55.3	53.4	61.2	48.6	85	30	1886	—	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	33	1885, 91	—	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	33	1885	151.1	33	—
Leith	29.835	57.6	54.4	65.8	51.3	85	37	1874	—	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	39	1892	—	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	46*	1887, 90	—	—	—
York	29.895	57.8	55.1	67.8	51.4	89	37	1887	145.1	32	—
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	38*	1885, 87, 88	—	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	38	1881	—	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	38	1886	—	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	45	1888	—	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	44	1885	—	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	35	1885, 87	131.0	29	—
Valencia	29.921	59.3	56.9	64.4	54.2	80	42	1890	146.0	33	—
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	44	1883	—	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	47	1885, 88	188.8	42	—
Scilly	29.958	60.9	58.8	64.9	56.9	75	50	1885, 90, 95	—	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	43*	1888	—	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	45	1890	241.2	55	—
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	43	1877	—	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	39	1890	—	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	39	1887, 90	160.9†	36†	—
Oxford	29.944	58.8	55.9	69.1	53.0	90	39	1892	182.9	41	—
Cambridge	29.933	59.9	57.1	71.1	51.9	95	39	1876, 77, 81, 90	180.5	40	—
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	42	1876, 85	—	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 29.9 ins. and more (1) over the extreme W. of Ireland, and (2) over Switzerland, the N. of Italy and the S.E. of France.
 Lowest. Below 29.5 ins. in a depression over Brittany. (2) below 29.7 ins. over Finland & the N. of Russia.
 Gradients steep over Brittany and the W. parts of the English Channel, slight over all the N. parts of our Islands. Barometer falling fast over France, rising quickly over Ireland.

TEMPERATURE

Highest 75° to 72° on the S. coast of France, 72° at Munich, 73° at Berlin.
 Lowest. Below 60° all over our Islands and the N. countries of Europe, and as low as 49° at York, 51° at Loughborough, 52° at Cambridge, 53° in London.
 The daily maxima recorded over England yesterday were very low; that in London was only 54°, those at Oxford and Cambridge 56°.

WIND

Light in force and very variable in direction over the northern half of our area; fresh in the south, and circulating completely round the depression over Brittany so that in the Channel and S. of England it was E. and N.E., while at Rochfort it was W.

WEATHER

Fair as a whole over the N. half of Gt. Britain, very dull and rainy in the S. and over France. Large quantities of rain are reported at the S.E. stations, but the only report of thunder is from Aberdeen (where there was no rain).
 Bright Sunshine recorded yesterday was large in the E. of Scotland, considerable in Ireland, but very slight over the S. and S.E. parts of England.

SEA

Moderate to rather rough over the Channel and Bay of Biscay, smooth at Holyhead and on our N. coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Very changeable showery weather is still probable over our Islands generally, although a temporary improvement is likely in the S. of England tonight or tomorrow.

FORECASTS

For the 24 hours ending at NOON on 9TH AUGUST. 1898.

DISTRICTS.

FORECASTS.

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

Varying light winds, fair in most localities; unsettled later.

N.E. winds, fresh to light; rain at times, then fine.

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.

N. to W. breezes, fair at first, but unsettled again shortly.

N.W. winds, weather fine today, probably less fair tomorrow.

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 ...	29.76	58	52	HMW	4	6	2	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.69	54	52	SE	3	7	3	Jersey ...	29.75	60	57	N	3	C	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.59	57	57	NE	5	r	4
Ardrossan ...								North Foreland ...	29.79	56	55	NE	5	r	4
Malin Head ...	29.69	53	53	W	2	C	1	London (Westminster) ...							#
Belmullet ...	29.73	60	55	W	1	O	*	Yarmouth ...							
Holyhead ...								Rochefort ...	29.85	72	69	W	3	O	*

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

Continental information not received

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 31ST JULY TO 6TH AUG.

In the course of this week a decided change has taken place in the distribution of pressure over the whole of Europe and the Mediterranean. On Monday the barometer was highest over Ireland, England, France, Germany and the Mediterranean — the readings ranging from 30.2 in. to 30.0 in. It was lowest (29.4 in. to 29.6 in.) over W. Russia, Finland and the Baltic, and was giving way rather decidedly over the N. parts of the British Islands. The high pressure area then moved slowly to the SW. and E., the depressions over Russia and the Baltic filled up, and the depressions which reached the NW. coasts of our Islands moved in tracks lying further to the SW. than those previously experienced. By Wednesday morning the high pressure system was confined to the S. half of Europe, and the depressions as they moved over the NW. countries caused the rainy weather to spread over all but the S. parts of the Kingdom, and to fall heavily in many places. During the remainder of the week this tendency continued, though somewhat irregularly. Gales from SW. were experienced over many parts of England on Friday or Saturday, and in all respects the weather became thoroughly unsettled over our Island and SW. Europe, and temperature fell decidedly.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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

Tuesday, 9th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 5.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dir.	Force (0 to 12.)		Max.	Min.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand ...	29.90	54	W	2	bc	30.09	+ .40	58	50	+ 1	Z	0	b	#	bc	#	64	50	-	
	Stockholm ...	29.97	50	Z	0	b	30.09	+ .33	54	49	0	H	2	0	#	b	#	66	43	-	
	Wisby ...	29.93	54	Z	0	b	29.86	+ .15	57	55	0	ENE	6	0	#	b	#	61	52	0.04	
	Karlstad ...	29.90	57	W	4	0	29.71	- .07	63	61	+ 5	ESE	8	0	#	0	#	?	45	-	
		29.91	56	NE	2	0	29.85	+ .03	51	50	0	ENE	2	1	#	0	#	#	#	-	
	Bodo ...	29.91	52	SW	6	r	30.11	+ .35	49	46	- 1	SW	4	1	2	r	#	52	46	0.24	
	Christiansund ...	29.99	52	Z	0	b	29.94	+ .07	52	49	+ 1	NE	3	0	2	b	#	54	45	-	
	Skudesnaes ...	29.92	53	WNW	2	0	29.85	+ .01	54	51	+ 2	H	4	0	2	b, 0	#	59	50	#	
	Færder (Christiania Fjord)	29.89	60	NE	1	0	29.80	- .05	55	52	+ 3	NE	4	1	3	0	#	61	52	-	
BRITISH ISLANDS.	Skagen (The Scaw)	29.86	57	E	2	0	29.67	- .15	56	55	+ 2	E	4	1	0	0	#	63	54	0.04	
	Faro ...	29.74	58	E	2	0	29.54	- .26	58	57	+ 5	NE	2	1	#	0	#	64	53	0.63	
	Sumburgh Head	29.95	53	SE	1	0	29.89	+ .07	51	50	0	WNW	3	0	4	r, 0	#	54	44	0.97	
	Stornoway ...	29.95	54	WNW	4	bc	30.03	+ .26	51	48	- 1	WNW	3	0	3	p, c, bc	#	57	42	0.05	
	Wick ...	29.93	56	W	2	bc	30.04	+ .22	51	48	- 3	W	4	0	3	bc	#	59	42	0.03	
	Nairn ...	29.88	60	Z	0	c	30.04	+ .26	51	49	- 4	W	1	0	1	c	#	63	39	-	
	Aberdeen ...	29.90	55	WNW	2	og	30.02	+ .21	55	47	+ 2	WNW	4	0	3	bc, og	#	63	45	-	
	Leith ...	29.88	55	Z	0	r	30.04	+ .26	54	48	0	H	1	0	#	r	#	62	50	0.06	
	Shields ...	29.86	57	E	2	0	30.01	+ .21	53	51	+ 1	H	3	0	3	om, 0	#	63	48	-	
	Spurn Head ...	29.80	57	ENE	2	c	29.98	+ .18	57	54	+ 2	WNW	4	0	3	c	#	60	50	-	
GERMANY & HOLLAND.	York ...	29.83	57	S	1	0	30.03	+ .21	56	53	+ 7	WNW	2	0	#	28, p, 0	#	65	44	0.17	
	Loughborough ...	29.83	60	ESE	1	c	30.05	+ .23	57	54	+ 6	WNW	2	0	#	bc, w	#	65	48	0.21	
	Ardrossan ...	29.89	59	WNW	3	b	30.06	+ .25	55	49	+ 2	WNW	3	0	2	c, b	#	?	49	0.07	
	Malin Head ...	29.94	56	WNW	6	bc	30.10	+ .28	55	55	+ 1	WNW	2	0	1	bc	#	57	51	-	
	Belmullet ...	30.08	55	H	2	b	30.14	+ .25	56	54	- 1	S	3	0	#	c, b	#	59	43	0.01	
	Donaghadee ...	29.93	59	H	5	b	30.11	+ .30	54	57	0	W	4	0	2	b	#	60	48	0.05	
	Liverpool (Bidston)	29.88	57	WNW	2	0	30.03	+ .29	56	52	+ 1	WNW	4	0	3	o, p	#	64	53	0.10	
	Holyhead ...	29.92	56	H	4	bc	30.12	+ .33	56	52	- 1	WNW	4	0	3	o, b, bc	#	63	52	-	
	Parsonstown ...	30.00	61	W	3	bc	30.18	+ .31	53	50	0	Z	0	0	#	bc, p	#	64	43	0.06	
	Valencia ...	30.12	60	WNW	4	bc	30.20	+ .27	59	55	+ 1	Z	0	0	2	bc	#	62	49	-	
FRANCE & BELGIUM.	Roche's Point ...	30.04	62	H	5	bc	30.21	+ .34	56	53	0	SE	1	0	1	bc	#	64	49	-	
	Pembroke (St. Ann's Hd.)	29.95	58	WNW	4	b	30.17	+ .43	56	53	- 4	WNW	4	0	3	b	#	61	53	0.12	
	Scilly ...	30.01	61	W	4	c	30.21	+ .54	61	56	+ 5	WNW	3	0	2	c	#	62	55	0.03	
	Prawle Point ...	29.88	57	WNW	4	c	30.17	+ .59	62	56	+ 8	WNW	3	0	3	ep, c	#	65	48	0.09	
	Jersey (St. Aubin's)	29.79	59	WNW	5	og, m	30.16	+ .62	60	55	+ 2	W	4	0	3	ep, m	#	61	55	0.38	
	Hurst Castle ...	29.79	58	ENE	3	og, m	30.10	+ .41	58	55	+ 2	W	2	0	2	o, m	#	62	50	0.01	
	Dungeness ...	29.65	56	ENE	5	r	30.02	+ .82	55	54	- 2	WNW	4	0	3	r	#	58	48	0.21	
	North Foreland	29.68	57	H	6	r	29.99	+ .24	55	53	- 1	W	5	0	3	o, r	#	59	52	0.15	
	London (Brixton) ...	29.77	56	ENE	2	0	30.06	+ .30	56	52	+ 3	W	2	0	#	o, p, bc	#	59	48	-	
	Oxford ...	29.87	55	W	2	0	30.08	+ .31	54	50	+ 3	WNW	2	0	#	op	#	64	50	-	
GERMANY & HOLLAND.	Cambridge ...	29.80	55	H	3	0	30.04	+ .24	57	54	+ 5	WNW	3	0	#	0	#	60	47	0.05	
	Yarmouth ...	29.74	55	ENE	5	c	29.94	+ .16	57	53	+ 2	W	4	0	4	og, c	#	60	51	0.13	
	Cuxhaven ...	29.67	58	E	4	0	29.50	- .22	60	60	+ 6	SSW	3	0	#	0	#	61	54	0.24	
	Berlin ...	29.64	73	SE	1	0	29.65	- .12	66	63	- 7	SW	3	0	#	0	#	82	63	0.16	
	Wiesbaden ...	#	#	#	#	#	29.68	- .15	60	58	- 5	SW	1	0	#	#	#	75	57	0.47	
	Munich ...	29.75	63	W	5	0	29.91	- .05	51	51	- 21	S	5	0	#	0	#	82	52	0.79	
	The Helder ...	29.66	55	ENE	3	r	29.76	- .00	59	55	+ 2	WNW	5	0	3	r	#	59	54	0.51	
	Brussels ...	#	#	#	#	#	29.89	+ .12	54	53	- 3	WNW	4	0	#	r	#	66	51	1.54	
	Cape Gris Nez ...	?	58	NE	4	r	?	?	56	52	- 1	H	5	0	5	r	#	61	52	0.24	
	Paris ...	29.57	60	ENE	1	r	30.04	+ .33	57	54	- 2	WNW	3	0	#	r	#	73	52	1.02	
FRANCE & BELGIUM.	Brest ...	29.96	60	WNW	4	b	30.19	?	58	56	- 1	H	2	0	2	r, b	#	61	54	1.18	
	Lorient ...	29.92	69	WNW	6	c	30.21	+ .73	58	55	- 3	WNW	4	0	5	c	#	70	52	0.08	
	Rocheport ...	29.84	64	WNW	6	c	30.16	+ .43	61	59	- 7	H	5	0	#	c	#	70	57	0.24	
	Belfort ...	29.75	59	WNW	3	0	29.89	+ .11	52	51	- 12	W	8	0	#	0	#	80	51	0.51	
	Lyons ...	29.76	75	WNW	2	0	30.08	+ .29	56	52	- 12	W	3	0	#	p, 0	#	86	55	0.24	
	Nice ...	29.79	75	Z	0	b	29.69	- .26	71	55	- 1	H	4	0	3	b	#	84	64	-	
	Perpignan ...	29.90	71	W	4	0	30.12	+ .28	65	56	- 10	W	5	0	#	0	#	84	61	-	
	Biarritz ...	30.03	70	W	6	bc	30.18	+ .32	66	59	- 2	H	4	0	4	bc	#	72	71	-	
	Corunna ...	30.14	64	W	5	b	30.10	- .02	69	58	0	H	4	0	#	b	#	79	63	-	
	PENIN- SULA.	Azores (P. Delgada)	30.22	71	NE	1	b	30.18	- .00	75	71	+ 2	Z	0	0	b	#	80	70	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 1.0 hrs;

WEATHER CHARTS

FOR *Tuesday, 9th August, 1898*

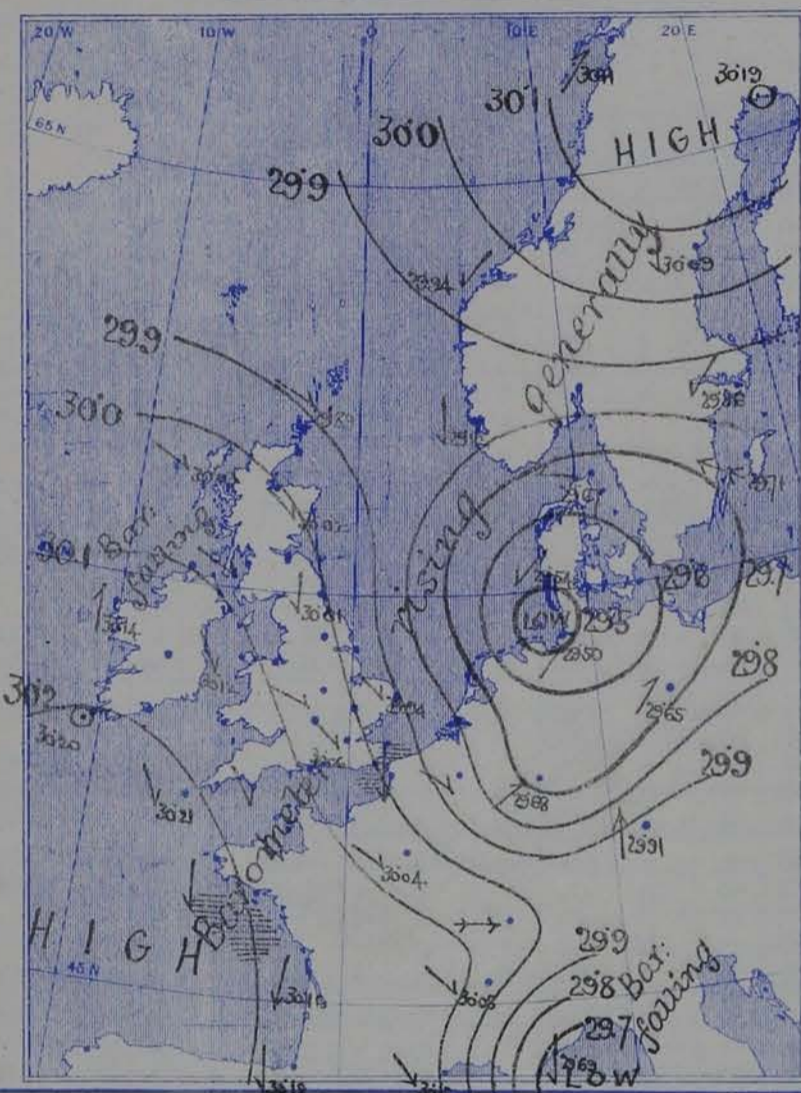
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡

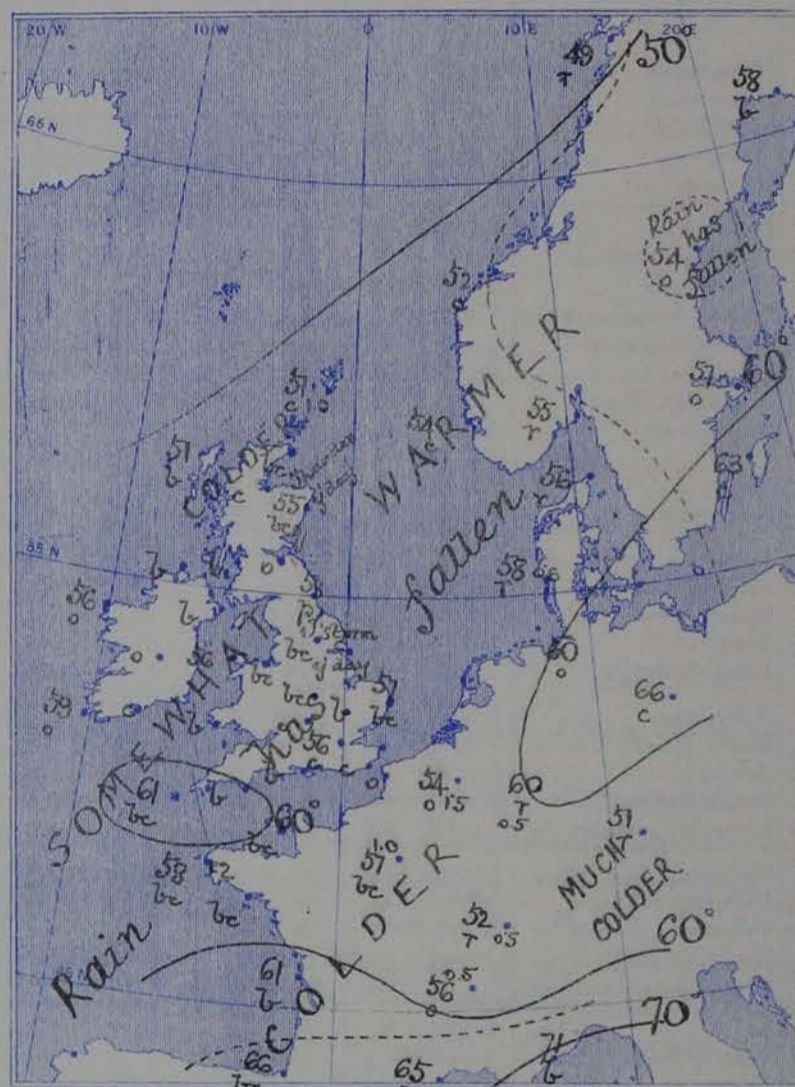


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

+ The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more over the Bay of Biscay and our extreme SW^m coasts.
 Lowest below 29.5 ins. in a depression over Holstein, and below 29.7 ins. in another over the Riviera and the Gulf of Genoa.
 Gradients slight over our Islands and the W^m parts of France, steep over the S^m parts of the North Sea, very steep over the Riviera and N. of Italy. Barometer rising all over St. Britain, but a fresh fall has set in over the extreme W. of Ireland.

TEMPERATURE

Highest 71° at Nice, 66° at Berlin, 63° at Ushly, 62° at Prowle Pt., 61° at Scilly.
 Lowest (1) 49° at Bodo, 51° over all the N^m parts of Scotland, 56° at York and in London, (2) 51° at Munich, 52° at Belfast.
 The maxima recorded yesterday ranged from 59° to 65° over our Islands as a whole, but touched 86° to 80° over the southern half of France.

WIND

Light to moderate from the NWnd over the British Islands and the North and West of France, blowing a gale from W. at Belfast, and from E. at Ushly.
 In the Riviera the wind is Nth, and at Sanghaie Wth.

WEATHER

Temporarily fair over our Islands, rainy over all countries lying to the End of the North Sea.
 Heavy falls of rain occurred yesterday over France and Belgium - the amounts exceeding an inch at three of the stations, and touching 1.54 ins. at Brussels. Bright Sunshine yesterday 13 hrs. at Valencia, 9 hrs. at Parsonstown and Stornoway. Over the SE. of England there was none.

SEA

Moderate to slight as a whole.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The present improvement in the weather over our Islands will probably be very temporary, as fresh disturbances are approaching us from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 10TH AUGUST 1898

DISTRICTS.

FORECASTS.

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

Wind backing S^{wd} again with rain, very unsettled.
 NWth breezes light, fine, then SWth warmer and less settled.
 NWth breezes light, fine, cool, then backing to SWth with unsettled weather.

DISTRICTS.

FORECASTS.

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

Wind backing to SWth, and showers coming on again from the Atlantic.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.90	58	52	N.W.	4	b	2	Valencia ...	30.05	60	54	N.W.	5	bc	5
Sumburgh Head ...	29.87	53	53	SE	1	r	4	Scilly ...	29.88	61	57	N.W.	4	c	3
Stornoway ...	29.88	56	53	N.W.	4	c	4	Jersey ...	?	60	58	NE	6	c	4
Aberdeen ...	29.84	61	54	N.W.	1	c	1	Hurst Castle ...	29.71	59	56	N.E.	4	0	3
Shields ...	29.81	60	55	E	3	om	2	Dungeness ...	29.63	56	56	E.N.E.	4	r	3
Ardrossan ...	29.86	?	?	W	1	c	1	North Foreland ...	29.67	58	56	NE	4	0	4
Malin Head ...	29.90	57	56	N.W.	4	bc	2	London (Westminster) ...	29.72	59	54	N.E.	4	0	#
Belmullet ...	30.02	50	55	N.W.	4	c	#	Yarmouth ...	29.77	56	54	NE	6	qgr	5
Holyhead ...	29.86	56	53	H	4	ot	2	Rochefort ...	29.72	68	64	W	6	c	#

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

Weather in morning fine over the Mediterranean, S^m and E^m Europe; fair over Scandinavia, the greater part of Scotland and Ireland, but very rainy, gusty and unsettled over France the English Channel and the extreme S^m parts of England. Heavy rains falling later over France and Belgium, the falls exceeding an inch in several places, and amounting to 1.54 ins. at Brussels. Very slight showers over Ireland and Scotland, but nearly an inch at Sumburgh H^d. Thunderstorms occurring in the N^o. of Gt. Britain.

Temperature in morning highest 87° at Algiers, 84° at Patras, exceeding 70° at almost all the Mediterranean stations; 73° at Berlin, 72° at Prague and Munich; 72° at Neufahrwasser, 70° at Memel. Lowest 50° at Bodo, 51° at Christiansund, Sumburgh H^d, Carlsbad, (2) 49° at York, 51° at Loughborough and Oxford, 53° in London and at Parsonstown. Rising later to between 60° and 65° in many parts of our Islands, and touching 82° at Munich, and 80° to 86° over the S^m half of France.

Wind very variable in direction, (1) N^o over Ireland, W^{ind} and SW^{ind} over the Bay of Biscay, SW^{ind} to SE^{ind} over France; E^{ind} on our southern coasts, (2) S^{ind} and SW^{ind} over the Baltic, but N^o and light over the northern parts of the Gulf of Bothnia. Becoming N^o later all over our Islands, and freshening on our east coast.

Barometer highest (1) 30.0 ins. and more to 29.9 ins. over the whole of E^m, SE^m and S^m Europe; (2) 30.1 ins. and more to 29.9 ins. over the Spanish peninsula; (3) exceeding 29.9 ins. in the extreme W. of Ireland; and exceeding 29.8 ins. over Norway, Denmark, the North Sea and the N^o. of England. Lowest below 29.5 ins. in a well marked depression lying over Brittany. Rising quickly later over the British Islands and W. of France as the depression named above moved E^{ind} and NE^{ind}.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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

Wednesday, 10th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dirac.	Force (0 to 12.)		Max.	Min.
		Ins.	°				Ins.	Ins.	°	°	°								°	°	Ins.
SCANDINAVIA.	Haparanda ...	30.17	55	2	0	0	29.73	- .26	61	60	+ 3	S	4	1	0	0	64	50	1.59		
	Hernösand ...	29.74	55	N.E.	8	6	29.71	- .38	58	57	+ 4	SSW	6	0	0	0	58	43	2.60		
	Stockholm ...	29.67	61	2	0	6	29.80	- .06	64	62	+ 7	S	2	0	0	0	72	48	0.04		
	Wisby ...	29.73	63	S	4	6	29.86	+ .15	59	58	- 4	NSW	4	0	0	0	79	52			
	Karlstad ...	29.64	57	SW	2	0	29.80	- .05	51	50	0	W	4	0	0	0			0.75		
	Bodö ...	29.99	55	E	2	0	29.63	- .48	51	50	+ 2	SE	1	1	0	0	57	46	0.32		
	Christiansund ...	29.84	56	N.E.	4	1	29.83	- .11	53	50	+ 1	N	2	0	2	0	61	48			
	Skudesnaes ...	29.82	53	NNW	6	0	29.93	+ .08	54	51	0	NNW	4	0	2	0	57	50			
	Færder (Christiania Fjord)	29.67	53	N.E.	4	0	29.81	+ .01	57	53	+ 2	W	2	0	2	0	57	52	0.67		
	Skagen (The Scaw)	29.66	56	N	1	1	29.91	+ .24	58	54	+ 2	NNW	2	0	0	0	58	52	0.24		
BRITISH ISLANDS.	Fanö ...	29.84	55	NNW	8	0	30.04	+ .50	57	49	- 1	NNW	6	0	0	0	63	54	0.20		
	Sumburgh Head	29.96	52	N.E.	2	0	29.81	- .08	50	47	- 1	ESE	3	0	4	0	55	42			
	Stornoway ...	29.98	55	SW	4	0	29.46	- .57	52	51	+ 1	SE	4	0	4	0	59	48	0.60		
	Wick ...	30.04	56	NNW	2	6	29.57	- .47	52	51	+ 1	S	6	0	5	0	58	40	0.20		
	Nairn ...	30.01	58	E	1	0	29.58	- .46	53	53	+ 2	2	0	0	0	65	45	0.46			
	Aberdeen ...	30.05	54	S	2	6	29.72	- .30	52	51	- 3	SE	5	0	5	0	62	44	0.30		
	Leith ...	30.02	56	W	4	0	29.64	- .40	56	55	+ 2	SSW	1	0	0	0	64	51	0.36		
	Shields ...	30.09	55	ESE	2	0	29.87	- .14	51	51	- 2	S	3	0	2	0	58	48	0.16		
	Spurn Head ...	30.10	56	ESE	3	0	30.00	+ .02	53	52	- 4	S	4	0	4	0	60	51	0.08		
	York ...	30.09	64	NNW	3	6	29.93	- .10	52	51	- 4	SE	2	0	0	0	66	46	0.32		
GERMANY & HOLLAND.	Loughborough ...	30.13	61	NNW	2	0	30.04	- .01	54	53	- 3	S	4	0	0	0	67	48	0.07		
	Ardrossan ...	30.06	59	2	0	0	29.61	- .45	59	59	+ 4	SW	7	0	5	0	62	54	0.52		
	Malin Head ...	29.99	58	S	3	0	29.59	- .51	61	61	+ 6	W	7	0	5	0	61	53	0.25		
	Belmullet ...	29.93	57	S	4	1	29.76	- .38	62	62	+ 6	NSW	5	0	0	0	62	55	1.03		
	Donaghadee ...	30.09	59	SW	4	0	29.78	- .33	65	65	+ 11	NSW	5	0	3	0	65	53	0.57		
	Liverpool (Bidston)	30.15	57	W	3	0	29.86	- .32	63	60	+ 7	SW	5	0	4	0	63	51	0.27		
	Holyhead ...	30.16	57	SW	2	0	29.88	- .24	60	59	+ 4	SW	7	0	5	0	62	52	0.65		
	Parsonstown ...	30.10	56	2	0	1	29.88	- .30	64	63	+ 11	NSW	2	0	0	0	64	52	0.83		
	Valencia ...	30.06	60	S	4	4	29.95	- .25	64	63	+ 5	SW	6	0	5	0	64	58	0.50		
	Roche's Point ...	30.15	59	SW	3	4	30.01	- .20	63	62	+ 7	W	5	0	4	0	63	55	0.20		
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.20	58	W	4	1	30.03	- .14	60	59	+ 4	SW	6	0	5	0	61	55	0.21		
	Scilly ...	30.25	63	NSW	1	0	30.17	- .04	64	61	+ 3	SW	4	0	3	0	66	56			
	Prawle Point ...	30.23	59	NSW	3	0	30.21	+ .04	60	57	- 2	SW	4	0	3	0	67	47			
	Jersey (St. Aubin's)	30.25	63	NNW	5	6	30.27	+ .11	62	57	+ 2	NSW	4	0	3	0	65	56			
	Hurst Castle ...	30.18	65	NNW	2	0	30.20	+ .10	61	59	+ 3	SW	4	0	4	0	71	55	0.01		
	Dungeness ...	30.13	62	NSW	4	0	30.20	+ .18	61	60	+ 6	NSW	3	0	2	0	67	51			
	North Foreland	30.15	63	W	2	0	30.20	+ .21	57	54	+ 2	NSW	2	0	2	0	66	52			
	London (Brixton) ...	30.15	64	N	1	6	30.19	+ .13	59	55	+ 3	SW	2	0	0	0	68	50			
	Oxford ...	30.17	59	NNW	2	0	30.13	+ .05	54	53	0	SSW	4	0	0	0	69	51	0.04		
	Cambridge ...	30.13	65	NNW	1	0	30.14	+ .10	56	55	- 1	S	2	0	0	0	68	47	0.01		
PENIN- SULA.	Yarmouth ...	30.11	59	NNW	2	6	30.12	+ .18	56	52	- 1	NSW	3	0	3	0	63	53	0.01		
	Cuxhaven ...	29.84	58	NNW	6	0	30.10	+ .60	55	51	- 5	NNW	4	0	0	0	63	54			
	Berlin ...	29.84	64	W	4	0	30.06	+ .41	56	52	- 10	NNW	5	0	0	0	72	54	0.04		
	Wiesbaden ...						30.28	+ .60	55	52	- 5	NNW	2	0	0	0	64	50	0.04		
	Munich ...	30.09	50	W	6	1	30.33	+ .42	51	49	0	W	5	0	0	0	55	48	0.91		
	The Helder ...	30.06	58	NNW	3	6	30.14	+ .38	61	56	+ 2	SSW	1	0	1	0	61	55			
	Brussels ...						30.25	+ .36	57	56	+ 3	S	2	0	0	0	65	49	1.62		
	Cape Gris Nez ...								60	56	+ 4	W	3	0	3	0	64	54			
	Paris ...	30.21	62	NNW	3	6	30.29	+ .25	54	52	- 3	SSW	1	0	0	0	67	46	0.24		
	Brest ...	30.30	64	NNW	1	6	30.26	+ .07	59	57	+ 1	SW	2	0	2	0	66	55			
GERMANY & HOLLAND.	Lorient ...	30.26	62	W	5	6	30.30	+ .09	57	56	- 1	NNW	1	0	2	0	68	52			
	Rocheport ...	30.24	64	NNW	5	6	30.25	+ .09	59	58	- 2	S	2	0	0	0	68	54			
	Belfort ...	30.17	53	NSW	3	0	30.29	+ .40	57	49	- 1	2	0	0	0	61	43	0.16			
	Lyons ...	30.21	61	NNW	1	6	30.29	+ .21	57	52	+ 1	NNW	2	0	0	0	67	51			
	Nice ...	29.81	75	NNW	2	6	30.03	+ .34	68	57	- 3	E	1	0	2	0	86	59			
	Perpignan ...	30.17	72	NNW	2	0	30.26	+ .14	66	56	+ 1	NNW	2	0	0	0	77	55			
	Biarritz ...																				
	Corunna ...																				
	Lisbon ...	30.03	75	SW	5	6	30.08	- .02	71	59	+ 2	E	4	0	0	0	88	71			
	Azores (P. Delgada)	30.19	72	2	0	6	30.15	- .03	72	70	- 3	2	0	0	0	79	68				

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport... 9.0 hrs;

WEATHER CHARTS

FOR Wednesday 10th August, 1898

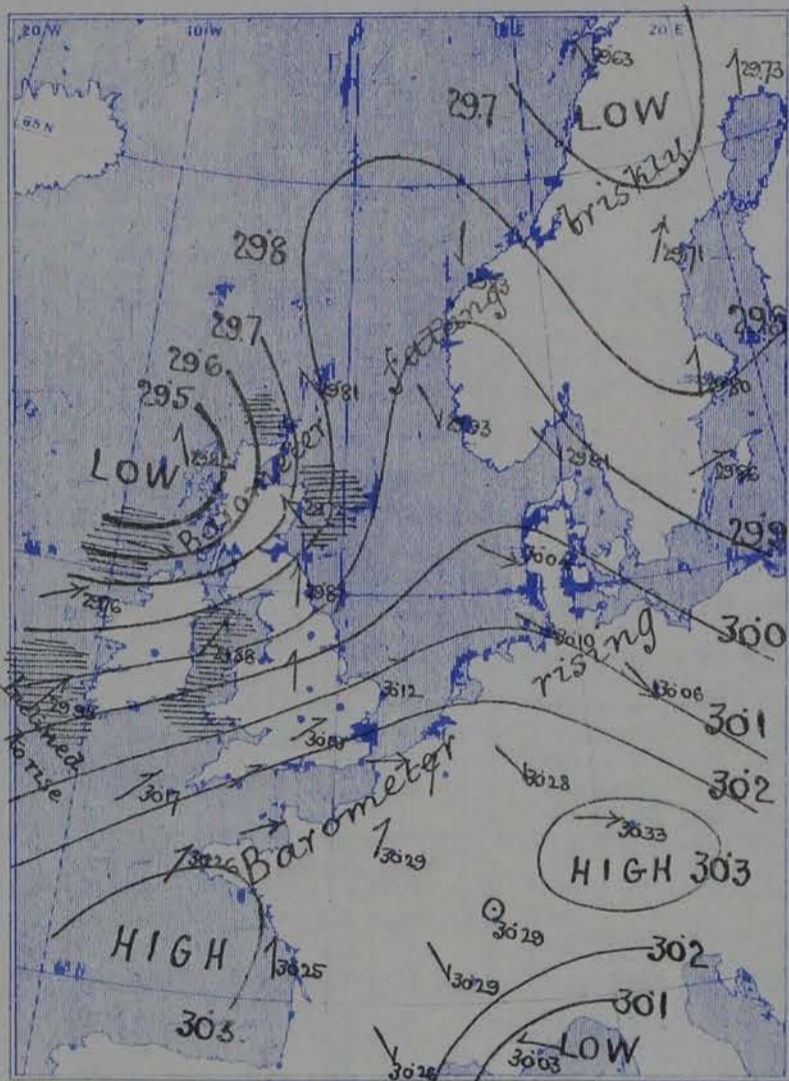
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ≡≡≡ ; High ≡≡≡

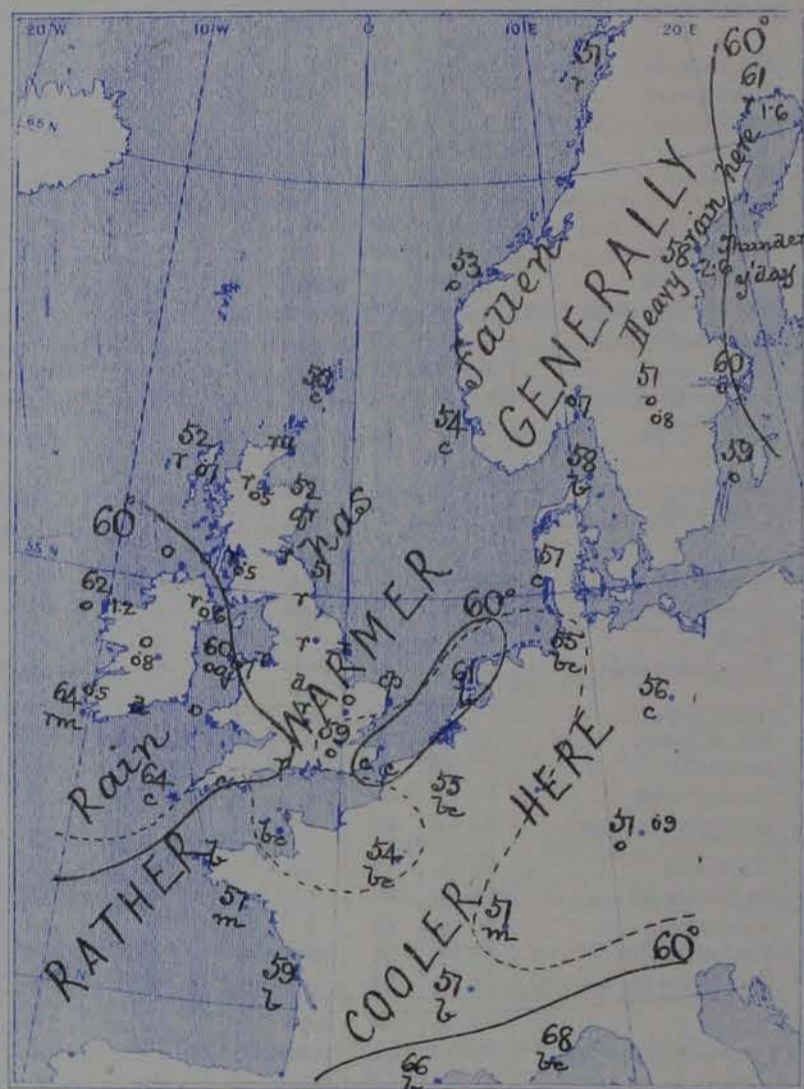


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR 1871—95.								RAINFALL Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)									(Inches.)		
Sunbury Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	1893	46	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91	1893	38	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1870, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	1.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Sally	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 93	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82	1887	43	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1870, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9	30+
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.1 ins. over Germany, France, Spain, the Bay of Biscay and the Southern counties of England.

Lowest. Below 295 m. in a depression off the W. of Scotland

Gradients steep over the N. and W. parts of our Islands, very slight over France & Germany.
Barometer falling fast over Scotland and the fall was extending to Norway; over Germany and France, however, it was rising.

TEMPERATURE

Highest (1) 66° to 68° on the S. coast of France; (2) 60° to 64° over the W^m and SW^m parts of our Islands.
Lowest (1) 51° to 54° in the W. of Norway; (2) 50° at Sumburgh H^d, and 51° to 54° over the NE^m and central parts of England; (3) 51° at Belfort and Munich.

The highest of the maxima recorded yesterday were 67° to 60° over England and Ireland as a whole, but 71° at Hurst Castle, 72° at Berlin, 86° at Nice. At Paris the maximum was only 67° .

WIND

1) Light and anticyclonic over France and Germany

(2) Cyclonic SW^{ly} to SE^{ly} over our Islands, and strong to a gale on our western and northern coasts, slight in the east and southeast.

(3) NW⁴ and strong on the eastern shores of the North Sea

The gale in the west and north came on during the night

Very dull and unsettled over the British Isles generally, but especially in the W. and N.
fine over France and Germany.

WEATHER

Heavy rain had fallen over the W. and N. parts of our Islands, and very heavy falls in Sweden. Bright Sunshine recorded yesterday exceeded 11 hrs. both at Aberdeen and Scilly; there were 8 hrs or more at Cambridge and on our S.E. coasts, 4 hrs. in London.

SEA

Rough at many W.ⁿ and N.ⁿ stations, moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT


The depression in the NW is apparently moving NE^{ward}, but secondary disturbances are likely to reach our SW^{ern} coasts shortly. No settled weather is likely.


FORECASTS

For the 24 hours ending at NOON on 11th AUGUST. 1898

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE ^{ly} to SW ^{ly} gales and strong winds, rainy, squally, unsettled.	6	SCOTLAND WEST	SW ^{ly} and S ^{ly} gales and strong winds, moderating later; rainy, squally, unsettled.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.		8	ENGLAND S.W.	
3	ENGLAND EAST	SW ^{ly} and S ^{ly} winds freshening, showery, close air.	9	IRELAND NORTH	At 7.25 pm yesterday to districts 0, 1 and 6 to 10. Hoist South Cone.
4	MIDLAND COUNTIES		10	IRELAND SOUTH	
5	ENGLAND SOUTH				

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.82	57	52	Dir.	6	0	2	Valencia ...	30.15	61	58	S	3	r	4
Sumburgh Head ...	29.90	57	52	WNW	2	c	3	Scilly ...	30.25	63	57	WNW	1	bc	1
Stornoway ...	30.01	58	53	SW	3	c	3	Jersey ...	30.24	63	56	WNW	5	c	4
Aberdeen ...	30.03	61	51	NW	3	bc	2	Hurst Castle ...	30.15	68	60	WSW	3	c	2
Shields ...	30.06	56	51	NE	3	bc	3	Dungeness ...	30.11	64	63	WSW	2	o	2
Ardrossan ...	30.08	62	55	W	3	bc	2	North Foreland ...	30.12	63	55	WNW	5	bc	3
Malin Head ...	30.08	59	59	N	2	b	0	London (Westminster) ...	30.10	67	58	WNW	2	c	#
Belmullet ...	30.08	58	55	SSW	2	rm	*	Yarmouth ...	30.05	63	56	WNW	5	bc	5
Holyhead ...	30.17	61	55	W	1	bc	1	Rochefort ...	30.23	68	63	WNW	5	b	#

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

Weather in morning clearing up decidedly over the British Islands and W. of France, but in a very rough and unsettled condition over the Baltic and the countries lying on the E. side of the North Sea, as well as over the S.E. of France and the S.E. parts of the Mediterranean. Heavy rain falling later at Munich, and in many of the W. and N. parts of our Islands, and exceedingly heavy falls in various parts of Sweden, but weather continuing fair over the S. and S.E. of England and the greater part of France.

Temperature fallen somewhat over France & Germany; risen over Italy. Morning readings highest 85° at Brindisi, 80° at Leina, and 83° at Algiers; above 70° over the Mediterranean and S.E. Europe, as well as at Neufahrwasser, Memel and Riga, 68° at Moscow. Lowest 49° at Bodø, 51° in the N. of Scotland, 53° at Shields and Oxford, 54° at Parsonstown. Rising later to between 63° and 69° in many parts of Ireland and England to 71° at Hurst Castle, 72° at Berlin, and 86° at Nice.

Wind NW. to N., moderate to light over the United Kingdom and W. of France, strong from between NW. and SW. over the Netherlands and Germany; SE. to E. over the Baltic and S. of Scandinavia. Another cyclonic circulation prevailing over the Riviera, Corsica and the N. of Italy. Backing to the S.W. in the west of our Islands later, and freshening.

Barometer in morning highest (1) 30.2 ins. and more to 30.1 ins. in an anticyclone covering the W. parts of our Islands, France and the Bay of Biscay; (2) 30.1 ins. and more to 30.0 ins. in another anticyclone over Russia, Finland and the N. half of Scandinavia. Lowest 29.5 ins. and less in a depression over Holstein, and below 29.7 ins. in another one over the N.E. parts of the Mediterranean. The German depression moving N.E. later, but a fresh fall of the barometer setting in on our own W. coasts.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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

Thursday, 11th August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)				Max.	Min.	Rainfall.		
		Inch.	°			Inch.	Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.	Haparanda ...	29.70	56	SW	2	r	29.96	+23	54	50	-7	SSW	2	c	#	r	#	63	50	0.55	
	Hernösand ...	29.94	52	W	0	b	29.99	+28	55	52	-3	W	0	0	#	b	#	61	50	0.08	
	Stockholm ...	30.04	54	W	0	b	30.10	+30	57	53	-7	N.W.	2	0	#	b	#	63	54	-	
	Wisby ...	30.10	58	WSW	4	b	30.19	+33	59	55	0	W	4	b	#	b	#	64	55	-	
	Karlstad ...	30.01	57	SW	2	0	29.99	+19	55	53	+4	S	6	0	#	0	#	#	#	-	
	Bodo ...	29.74	49	W	6	r	29.94	+31	50	?	-1	S	2	b	1	r	#	51	46	0.28	
	Christiansund ...	29.91	54	W	2	c	29.89	+06	50	49	-3	E, E, E	6	r	3	c	#	55	50	0.20	
	Skudesnaes ...	29.82	52	ESE	8	0	29.88	-05	55	54	+1	SSW	6	r, f	4	0	#	55	50	#	
	Færder (Christiania Fjord)	29.97	56	SSW	4	0	29.90	+09	58	57	+1	SSE	4	m	4	0	#	61	54	-	
	Skagen (The Seaw)	30.06	56	WSW	2	m	29.99	+08	59	58	+1	SW	3	m	1	m	#	59	55	0.04	
Fanø ...	30.06	59	SSW	4	0	30.08	+04	60	60	+3	SW	2	0	#	m	#	63	57	0.04		
BRITISH ISLANDS.	Sumburgh Head	29.44	50	E	6	r	29.94	+13	52	51	+2	NE	1	0	4	r	#	52	43	0.52	
	Stornoway ...	29.64	55	WSW	5	0	29.82	+36	57	56	+5	SE	4	m	4	0	#	59	50	0.25	
	Wick ...	29.62	55	WSW	7	c	29.96	+39	55	54	+3	S	1	0	3	c	#	62	50	0.23	
	Nairn ...	29.60	65	W	4	c	29.89	+31	61	60	+8	W	0	c	0	c	#	70	50	0.03	
	Aberdeen ...	29.64	71	SW	1	b	29.95	+23	58	56	+6	NE	2	c	2	b, c, b	5.5	72	52	0.30	
	Leith ...	29.75	62	W	4	0	29.95	+31	68	65	+12	WSW	2	om	#	0	#	72	55	0.08	
	Shields ...	29.84	70	WSW	3	c	30.00	+13	64	62	+13	SW	3	c	2	r, c	#	71	50	0.08	
	Spurn Head ...	29.93	66	WSW	5	c	30.10	+10	64	62	+11	WSW	3	c	3	r, c	#	68	53	0.24	
	York ...	29.93	65	SW	3	dp	30.10	+17	66	64	+14	SW	2	c	#	o, dp	0.0	68	50	0.10	
	Loughborough ...	30.04	66	WSW	5	c	30.16	+12	64	61	+10	SW	2	c	#	c, p, r, c	#	68	54	0.01	
GERMANY & HOLLAND.	Ardrossan ...	29.82	62	WSW	6	om	29.96	+35	62	61	+3	S	3	om	3	b, c, om	#	65	58	0.18	
	Malin Head ...	29.79	60	WSW	7	opm	29.86	+27	64	63	+3	SSW	4	c	3	opm	#	64	59	0.09	
	Belmullet ...	29.87	62	WSW	5	rm	29.88	+12	62	61	0	SSW	4	0	#	o, rm	#	64	61	0.06	
	Donaghadee ...	29.85	72	WSW	5	bc	30.02	+24	63	63	-2	S	4	0	2	bc	#	74	61	0.01	
	Liverpool (Biston)	29.96	61	SW	5	0	30.12	+26	66	61	+3	SW	3	0	2	p, c	#	69	59	0.11	
	Holyhead ...	29.97	60	SW	6	f	30.09	+21	60	59	0	SW	3	0	2	f	#	64	58	0.02	
	Parsonstown ...	29.96	68	W	1	0	30.05	+17	63	60	-1	S	1	c	#	o, c	0.0	68	61	0.06	
	Valencia ...	30.01	64	SSW	4	rm	29.98	+03	62	60	-2	S	4	0	4	om, rm	0.8	67	60	0.03	
	Roche's Point ...	30.06	63	WSW	5	r	30.07	+06	60	59	-3	SW	4	0	4	p, d	#	64	58	0.10	
	Pembroke (St. Ann's Hd.)	30.07	60	SW	6	0	30.13	+10	60	59	0	SW	4	og	4	0	0.0	62	59	0.03	
FRANCE & BELGIUM.	Seilly ...	30.22	65	SW	4	c	30.15	-02	64	60	0	S	3	bc	3	b, c, c	7.5	69	56	-	
	Prawle Point ...	30.20	60	WSW	4	c	30.23	+02	60	59	0	S	3	b	1	c	#	64	57	-	
	Jersey (St. Aubin's)	30.26	65	W	3	bc	30.25	-02	66	61	+4	E	3	bc	3	bc	#	68	51	-	
	Hurst Castle ...	30.19	63	WSW	5	cm	30.24	+04	64	61	+3	WSW	2	bc	2	cm	#	66	60	-	
	Dungeness ...	30.15	61	SW	5	c	30.21	+01	62	61	+1	WSW	3	c	2	o, c	#	64	60	-	
	North Foreland	30.14	63	SW	5	c	30.23	+03	66	62	+9	WSW	2	bc	1	o, c	#	66	53	-	
	London (Brixton) ...	30.12	66	SW	3	c	30.24	+05	62	59	+3	SW	2	0	#	dp, c, b	0.1	67	58	-	
	Oxford ...	30.14	63	WSW	3	c	30.21	+08	62	58	+8	SW	2	0	#	c	#	67	54	-	
	Cambridge ...	30.09	67	WSW	4	og	30.21	+07	64	62	+8	SW	3	0	#	og	0.3	68	54	0.06	
	Yarmouth ...	30.04	64	WSW	4	c	30.16	+04	66	63	+10	W	4	bc	3	r, g, c	#	66	54	0.19	
PENIN-SULA.	Cuxhaven ...	30.13	61	SSW	2	0	30.15	+05	58	57	+3	SW	3	0	#	0	#	63	55	0.08	
	Berlin ...	30.23	61	SW	2	c	30.28	+22	59	52	+3	SW	2	b	#	c	#	66	48	-	
	Wiesbaden ...	#	#	#	#	#	30.32	+04	61	58	+6	SW	1	0	#	#	#	68	57	-	
	Munich ...	30.36	54	W	2	bc	30.41	+08	55	51	+4	W	1	bc	#	bc	#	63	48	-	
	The Helder ...	30.09	58	SW	5	r	30.17	+03	63	62	+2	SW	2	bc	2	r	#	64	57	0.04	
	Brussels ...	#	#	#	#	#	30.28	+03	61	58	+4	SW	3	c	#	r	#	69	55	-	
	Cape Gris Nez ...	?	62	WSW	5	c	?	?	60	59	0	WSW	2	0	2	c	#	63	57	-	
	Paris ...	30.26	66	WSW	1	bc	30.30	+01	64	60	+10	W	0	bc	#	bc	#	72	54	-	
	Brest ...	30.27	64	SW	1	b	30.21	-05	57	54	-2	ESE	2	b	2	b	#	66	50	-	
	Lorient ...	30.26	68	W	1	b	30.22	-08	58	57	+1	E	4	b	2	b	#	73	52	-	
PENIN-SULA.	Rochefort ...	30.23	68	WSW	4	b	30.16	-09	62	59	+3	E, E, E	3	b	#	b	#	75	57	-	
	Belfort ...	30.25	61	NE	1	c	30.31	+02	56	51	+4	NE	2	0	#	c	#	68	50	-	
	Lyons ...	30.25	67	W	1	b	30.26	-03	61	53	+4	W	1	b	#	b	#	72	53	-	
	Nice ...	30.06	69	W	0	bc	30.11	+08	70	56	+2	E	2	b	1	bc	#	79	59	-	
	Perpignan ...	30.14	79	WSW	3	bc	30.18	-08	68	60	+2	W	0	b	#	bc	#	84	55	-	
	Biarritz ...	30.14	69	NE	4	b	30.10	-08	62	56	-	E	3	b	2	b	#	79	57	-	
PENIN-SULA.	Corunna ...																				
	Lisbon ...	30.06	75	WSW	4	b	30.06	-02	78	63	+7	NE	1	b	#	b	#	86	71	-	
	Azores (P. Delgada)	30.14	72	W	2	b	30.10	-05	74	71	+2	WSW	1	c	3	b	#	81	70	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport... 9 hrs.

WEATHER CHARTS

FOR Thursday 11th August, 1898

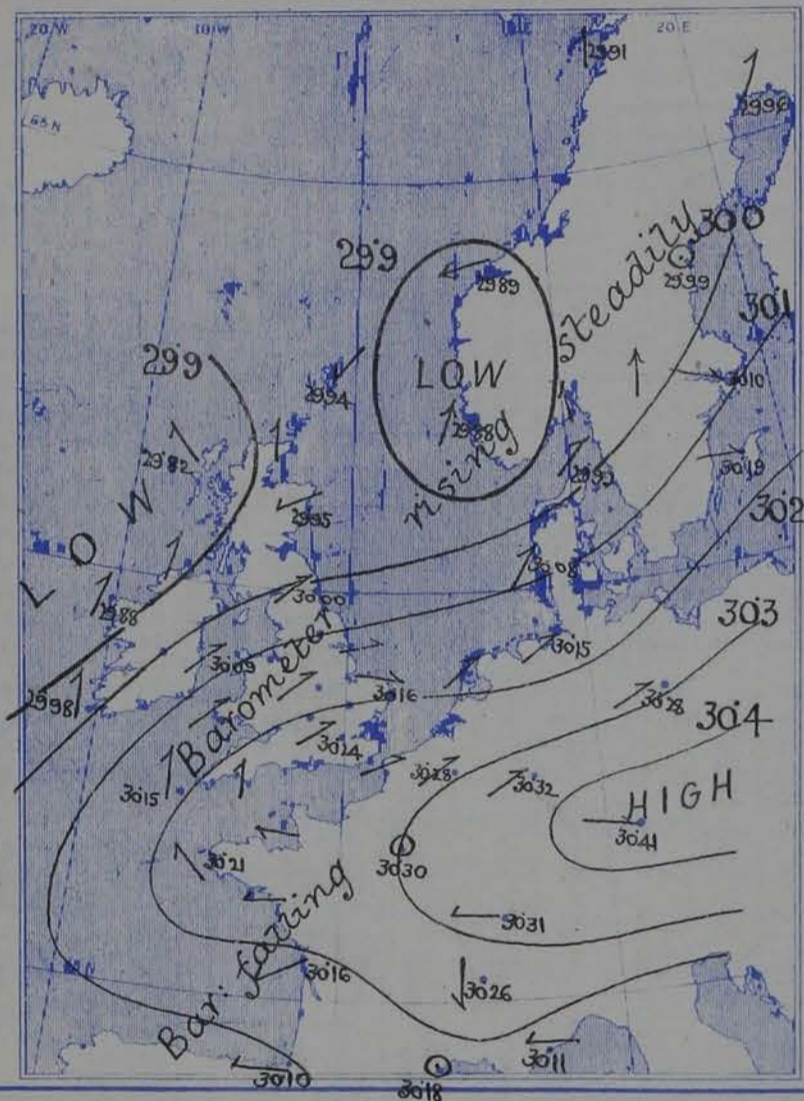
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ☉
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ≡ : High ≡

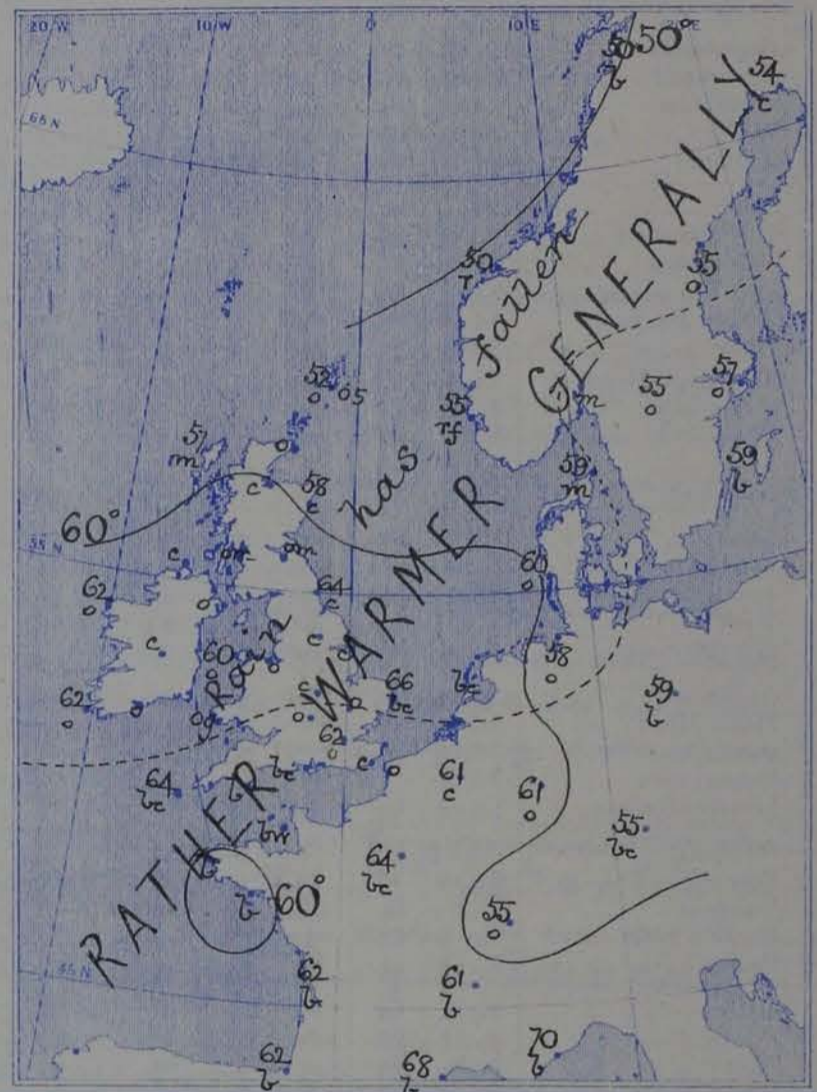


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of			Absolute Extremes.			Means, 1866—95.	Hours.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.			Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—
Sornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	1893	46	1887, 90	1.84	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1
Loughborough	29.923	59.2	56.3	70.3	52.0	91	1893	38	1885, 87, 88	2.50	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Behmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82	1887	43	1888	2.24	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—
LONDON	29.951	60.9	57.3	71.6	53.5	90	1876	39	1887, 90	2.36	160.9
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

+ The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.41 ins at Munich, and above 30.1 ins. all over Germany, France & the Sth half of England.
Lowest. Below 29.9 ins in a shallow depression over the Sth half of Norway and also over the western half of Scotland.

Gradients moderate over our Islands, slight over France and Germany.

Barometer falling slightly over the Bay of Biscay and the extreme S.W. of our Islands, rising elsewhere. The disturbances in the W. and N.W. were filling up.

TEMPERATURE

Highest (1) 70° at Nice, 64° at Paris and Sicily; (2) 68° at Leith, 66° at York, 64° at Loughborough, 62° at Oxford.

Lowest 50° at Bodo and Christiansund, 52° at Sumburgh Hd., 59° at Berlin.

Maxima were recorded yesterday as high as 70° to 74° at several stations in the N. and N.W. of our Islands; those at our more Sth parts were lower by several degrees. At Berlin the maximum was 66°, at Paris 72°, at Nice 79°.

WIND

Very light, and anticyclonic, over Germany and France; S.W. and S. moderate, in our Islands; stronger and cyclonic over Norway.

At our southwestern stations it was backing to the S.E. and E.

WEATHER

Still very dull at our Wth stations, with mist at Ardrossan; rainy in Norway; cloudy over England, fine and bright over France and Germany. The appearance of the sky, however, over England had improved greatly.

Rain fell yesterday at all our Nth and N.W. and most of our Wth stations, and a few spots even in London. Bright Sunshine recorded yesterday was 7.5 hrs. at Sicily, 5.5 hrs. at Aberdeen, very slight elsewhere.

SEA

Moderate on our S.W. coasts, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance of the map today is indicative of a renewal of fine warm weather - especially over England.

FORECASTS

For the 24 hours ending at NOON on 12TH AUGUST 1898.

DISTRICTS.

FORECASTS.

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

S.W. and S. breezes, light, fine.

DISTRICTS.

FORECASTS.

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

S. breezes, moderate, some showers.

WARNINGS

At 10.27 am. today to districts 0, 1 and 6 to 10. Lower 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.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.45	55	52	S	2	0	2	Valencia	30.01	66	65	SW	4	om	5
Sumburgh Head	29.63	44	44	E	5	r	5	Scilly	30.18	68	65	SW	5	bc	4
Stornoway	29.43	54	58	W	5	0	5	Jersey	30.29	66	60	WSW	3	bc	3
Aberdeen	29.57	62	60	SSW	4	bcy	4	Hurst Castle	30.20	66	62	SW	5	em	3
Shields	29.74	65	63	SSW	4	c	2	Dungeness	30.17	62	62	SW	5	0	4
Ardrossan	29.74	64	61	WSW	8	bc	6	North Foreland	30.16	63	58	SW	5	0	3
Malin Head	29.73	62	60	W	7	0	5	London (Westminster)	30.14	67	61	WSW	4	0	#
Belmullet	29.85	64	62	WSW	5	0	#	Yarmouth	30.05	58	56	SW	5	bcy	5
Holyhead	29.94	62	61	SW	7	bcy	5	Rochefort	30.26	73	69	WNW	2	6	#

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

Weather in morning very fine over Spain, France and W. Germany, as well as over Finland and the N. of Russia; dull and unsettled over our Islands, with rain in most places, but especially at the W. and N. stations, as well as over many parts of Scandinavia. Further rain during the day over Ireland, the NW. and N. of St. Britain and many parts of Scandinavia, as well as small quantities over the SE. of England and the Netherlands.

Temperature risen very considerably over the W. parts of our Islands, fallen fast over central Europe. Morning reading, highest 82° at the Greek station, and exceeding 70° over the Mediterranean as a whole, as well as over central Russia and some parts of Finland; 60° to 65° at our W. stations, 62° at Jersey. Lowest 50° at Sumburgh N., and 52° to 53° over the N.E. of Scotland generally; (2) 51° at Shields, 52° at York, 54° at Oxford, (3) 51° at Belfort and Munich, 52° at Münster, 54° at Paris. Rising later to between 70° and 74° at several of our N. and NW. stations to 72° at Paris, 79° at Nice, but not exceeding 66° at Berlin or 67° in London.

Wind (1) light and anticyclonic over Spain, France and W. Germany, as well as over the northern half of Russia; (2) cyclonic over the British Islands and Scandinavia — W. and SW. over Ireland and England, S. and SE. over Scotland, and blowing a moderate gale at several of our northwestern stations N. to W., however, in Norway, but S. over Sweden and Finland.

Barometer highest (1) 30.4 ins. and more to 30.0 ins. over Russia and the E. half of Finland, (2) 30.3 ins. and more to 30.0 ins. over Spain, France, W. Germany and the S. parts of England. Lowest 29.5 ins. and less in a depression off the W. coast of Scotland, and below 29.7 ins. in a shallower system over the N. of Norway. The Scotch depression moving NE. later, and the barometer rising briskly on all our NW. coasts.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 12th August,

1898.

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.		TEMPERATURE.				WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.				Max.	Min.		
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand ...	29.95	52	SW	2	r	30.19	+ 23	53	48	- 1	NW	2	b	#	r	#	59	45	0.24	
	Stockholm ...	30.07	56	NW	4	b	30.28	+ 29	53	46	- 2	N	2	b	#	b	#	63	46	-	
	Wisby ...	30.12	60	Z	0	o	30.30	+ 20	59	54	+ 2	N	2	b	#	o	#	64	50	-	
	Karlstad ...	30.19	61	SSW	4	c	30.28	+ 09	60	58	+ 1	N	4	bc	#	c	#	64	57	-	
	Karlstad ...	30.12	58	SW	1	b	30.32	+ 33	55	51	0	NE	2	b	#	b	#	#	#	-	
	Bodö ...	30.11	51	W	6	o	30.29	+ 35	51	46	+ 1	Z	0	b	0	o	#	54	46	0.08	
	Christiansund ...	30.18	53	ESE	3	c	30.12	+ 23	54	50	+ 4	ESE	3	c	2	c	#	55	48	0.04	
	Skudesnaes ...	30.16	55	ESE	4	o	30.18	+ 30	57	55	+ 2	E	4	o	3	c. o	#	59	52	#	
	Færder (Christiania Fjord)	30.08	62	SSW	2	b	30.30	+ 40	55	55	- 3	ESE	2	o	2	b	#	63	54	-	
	Skagen (The Seaw)	30.17	56	WSW	2	b	30.28	+ 29	55	55	- 4	Z	0	o	0	b	#	66	52	-	
	Fanö ...	30.22	61	SW	2	o	30.27	+ 19	62	61	+ 2	SE	2	o	#	o	#	66	59	-	
BRITISH ISLANDS.	Sumburgh Head ...	29.97	53	SE	3	o	29.87	- 07	57	55	+ 5	SSE	3	c	5	c. o	#	57	49	-	
	Stornoway ...	29.77	59	SSW	4	o	29.71	- 11	58	56	+ 1	W	3	c	3	c. o	#	61	53	0.50	
	Wick ...	29.89	58	SSE	1	c	29.86	- 10	58	54	+ 3	S	1	c	1	c	#	61	54	0.02	
	Nairn ...	29.85	68	WSW	1	c	29.82	- 07	63	55	+ 2	WSW	3	c	1	c	#	70	55	-	
	Aberdeen ...	29.95	64	S	2	bc	29.93	- 02	62	56	+ 4	S	3	bc	2	bc	#	75	53	-	
	Leith ...	29.98	69	SSW	2	c	29.93	- 02	63	58	- 5	S	1	bc	1	c	#	76	50	-	
	Shields ...	30.04	70	SW	3	c	30.00	- 00	59	57	- 5	SSW	3	m	2	c	#	73	55	-	
	Spurn Head ...	30.11	69	SSW	3	b	30.07	- 03	64	61	0	SSE	4	b	3	b. b. w	#	77	55	-	
	York ...	30.09	74	S	2	bc	30.05	- 05	63	58	- 3	SSE	1	b	#	bc	#	77	50	-	
	Loughborough ...	30.12	75	SW	2	b	30.07	- 09	65	60	+ 1	SE	3	bw	#	c. bc. b	#	77	51	-	
	Ardrossan ...	29.97	61	SSE	4	bm	29.85	- 11	63	58	+ 1	ESE	2	cm	3	o. bm	#	64	56	-	
	Malin Head ...	29.82	67	S	4	b	29.68	- 18	63	57	- 1	SE	6	c	3	bc. b	#	69	54	-	
GERMANY & HOLLAND.	Belmullet ...	29.77	64	S	6	o	29.64	- 24	60	59	- 2	S	2	or	#	bc. o	#	66	59	0.52	
	Donaghadee ...	29.96	61	SSW	6	b	29.84	- 18	61	58	- 2	SSE	6	bc	4	b	#	70	55	-	
	Liverpool (Bidston)	30.09	71	SW	2	b	29.95	- 17	66	58	0	ESE	4	b	3	b	#	74	55	-	
	Holyhead ...	30.06	60	SW	5	bm	29.86	- 23	71	65	+ 11	SE	4	c	2	bc. bm	#	71	58	-	
	Parsonstown ...	29.94	66	SE	3	b	29.71	- 34	62	58	- 1	SE	2	o	#	b	#	8.6	69	58	-
	Valencia ...	29.88	63	SSE	6	og	29.62	- 36	62	61	0	SSE	5	ogm	5	c. r	#	66	59	1.09	
	Roche's Point ...	29.98	63	SSW	4	c	29.74	- 33	61	60	+ 1	S	4	70	2	c	#	64	59	-	
	Pembroke (St. Ann's Hd.)	30.07	62	SSE	3	b	29.87	- 26	64	61	+ 4	SE	5	c	4	o. b	#	70	60	-	
	Scilly ...	30.20	64	SSE	3	b	29.88	- 32	65	63	+ 1	S	4	om	3	b	#	13.1	70	60	-
	Prawle Point ...	30.18	61	E	2	b	29.97	- 26	64	61	+ 4	E	4	b	3	c. b	#	66	59	-	
	Jersey (St. Aubin's)	30.18	74	E	1	b	30.03	- 22	70	65	+ 4	SE	3	bm	3	bc. b	#	76	65	-	
	Hurst Castle ...	30.18	67	SSE	2	b	30.05	- 19	70	66	+ 6	SE	3	bm	2	b	#	70	59	-	
	Dungeness ...	30.21	64	SW	1	b	30.12	- 09	67	63	+ 5	SSE	3	b	2	b	#	67	60	-	
FRANCE & BELGIUM.	North Foreland	30.21	67	S	3	b	30.15	- 08	67	63	+ 1	SSE	2	b	2	b	#	73	59	-	
	London (Brixton) ...	30.18	73	SSW	2	b	30.10	- 14	72	65	+ 10	SE	3	b	#	b	#	10.4	80	54	-
	Oxford ...	30.17	66	S	2	b	30.06	- 15	70	63	+ 8	S	3	b	#	b	#	77	51	-	
	Cambridge ...	30.15	75	SW	1	b	30.10	- 11	67	63	+ 3	S	1	b	#	b	#	10.4	80	52	-
	Yarmouth ...	30.16	65	SSE	3	b	30.13	- 03	64	62	- 2	SE	3	b	2	b	#	70	58	-	
	Cuxhaven ...	30.25	64	Z	0	o	30.26	+ 11	62	62	+ 4	SW	1	o	#	o	#	66	58	-	
	Berlin ...	30.28	67	Z	0	o	30.31	+ 03	66	62	+ 7	Z	0	o	#	o	#	73	59	-	
	Wiesbaden ...	*	*	*	*	#	30.26	- 06	61	58	0	Z	0	b	#	#	#	73	55	-	
	Munich ...	30.37	59	Z	0	c	30.30	- 11	60	56	+ 5	E	4	b	#	c	#	64	50	-	
	The Helder ...	30.22	63	SW	1	b	30.20	+ 03	70	66	+ 7	SSE	1	b	0	b	#	70	55	-	
	Brussels ...	*	*	*	*	#	30.21	- 07	68	62	+ 7	SSE	4	b	#	b	#	78	60	-	
	Cape Gris Nez ...	?	69	SW	1	b	?	?	69	61	+ 9	S	2	3	1	b	#	70	59	-	
PENIN- SULA.	Paris ...	30.22	75	ESE	2	b	30.16	- 14	64	59	0	E	1	b	#	b	#	79	59	-	
	Brest ...	30.15	68	SE	1	b	29.97	- 24	65	61	+ 8	SE	4	b	3	b	#	72	54	-	
	Lorient ...	30.11	75	Z	0	b	29.97	- 25	66	64	+ 8	SE	4	b	2	b	#	75	54	-	
	Rochefort ...	30.06	86	E	3	b	30.01	- 15	65	64	+ 3	ESE	3	b	#	b	#	99	59	-	
	Belfort ...	30.24	57	NE	3	m	30.22	- 09	57	53	+ 2	ESE	3	m	#	m	#	71	48	-	
	Lyons ...	30.17	72	H	1	b	30.15	- 11	64	56	+ 3	E	1	b	#	b	#	77	52	-	
	Nice ...	30.10	71	SW	2	b	30.09	- 02	72	61	+ 2	Z	0	b	1	b	#	81	63	-	
	Perpignan ...	30.11	75	S	1	b	30.10	- 08	65	59	- 3	Z	0	b	#	b	#	81	53	-	
	Biarritz ...	29.99	80	E	2	b	29.99	- 11	73	68	+ 11	Z	0	b	0	b	#	88	62	-	
	Corunna ...																				
	Lisbon ...	30.04	77	Z	0	b	30.05	- 01	77	61	- 1	NNE	2	b	#	b	#	90	72	-	
	Azores (P. Delgada)	30.06	74	WSW	4	bc	30.00	- 10	73	69	- 1	NNE	4	b	3	bc	#	80	70	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 8.4 hrs;

WEATHER CHARTS

FOR FRIDAY, 12TH AUGUST, 1898

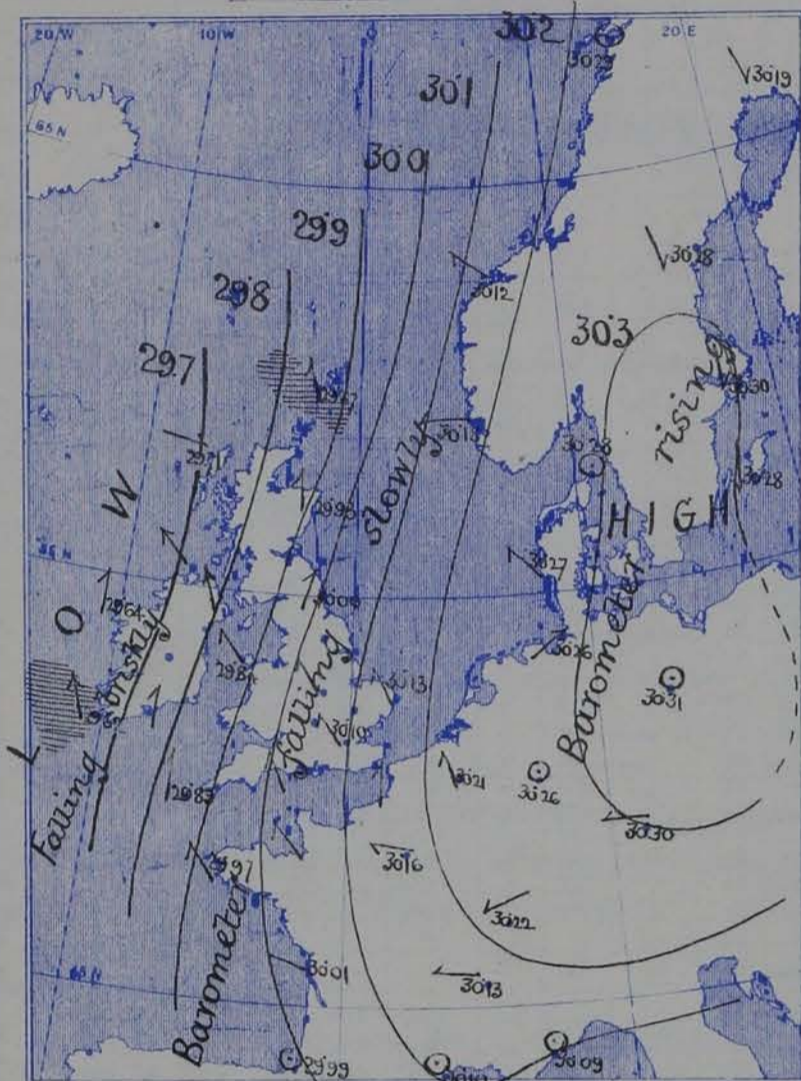
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : }
Force 8 to 10 → : Force 1 to 4 → : } Calm ○

SEA—Rough ≡ : High ≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.1 ins. over Germany, the Baltic, Scandinavia and nearly the whole of the North Sea, the E. of England and France.
Lowest about 29.6 ins. first off the W. coast of Ireland and apparently still lower over the Atlantic.
Gradients rather steep for SE^{ly} and S^{ly} winds over the western parts of our Islands, moderate in the east.

TEMPERATURE

Barometer falling generally over our Islands - most in the west.
Highest 73° at Biarritz and Sanghaire, 72° at Nice and in London, 71° at Holyhead, and 70° at Hurst Castle and Oxford.
Lowest 51° to 54° in the NW. of Norway, 57° to 58° in the extreme N. of Scotland; (2) 57° at Belfast, 60° at Munich.
The maxima recorded yesterday were as high as 77° at York and Loughborough, 80° at Cambridge and in London, 73° at Berlin, 79° at Paris, 81° at Nice, 99° at Rochefort.

WIND

Very light and anticyclonic over the Baltic, Germany and France, SE^{ly} to S^{ly} over the British Islands - light to moderate in the eastern districts, very fresh in the west.

WEATHER

Very fine over the Continent and Gt. Britain, dull in Ireland, with rain in places. Rain fell yesterday on our extreme W^m and N^m coasts, heavily in the extreme W. of Ireland. Bright Sunshine recorded yesterday was 13.1 hrs. at Scilly, 10.4 hrs. at Cambridge and in London, 7.9 hrs. at Aberdeen.

SEA

Rather rough in the extreme W. and NW.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of the fine warm weather is probable over England, but the South Cone has been hoisted on our extreme W^m coasts.

FORECASTS

For the 24 hours ending at NOON on 13TH AUGUST 1898

DISTRICTS.

FORECASTS.

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

Wind becoming S^{ly} again and increasing, some rain.
SE^{ly} and S^{ly} winds, moderate or fresh, fine.
SE^{ly} and S^{ly} winds, fresh, fine, very warm.

DISTRICTS.

FORECASTS.

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

SE^{ly} and S^{ly} winds, strong, perhaps some showers.
S^{ly} winds, strong, a gale in places, rain at times.
At 10.45 am. today to district 10. Hoist South Cone.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.04	59	57	W	2	c	3	Valencia ...	29.93	64	60	S	6	o g	6
Sumburgh Head ...	30.00	55	53	E	3	c	4	Scilly ...	30.13	68	65	SS E	3	b	3
Stornoway ...	29.81	60	59	SSW	4	r	4	Jersey ...	30.23	72	65	E NE	2	b	2
Aberdeen ...	29.95	72	66	SS E	2	bc	2	Hurst Castle ...	30.22	70	65	SSW	2	b	1
Shields ...	30.05	70	65	SSW	4	c	2	Dungeness ...	30.23	66	?	SW	3	b	2
Ardrossan ...	29.97	62	60	SS E	3	o	3	North Foreland ...	30.22	72	66	SW	3	b	2
Malin Head ...	29.80	69	63	S	6	bc	3	London (Westminster) ...	30.14	78	64	SW	3	b	#
Belmullet ...	29.82	61	61	SSW	6	bc	3*	Yarmouth ...	30.16	68	64	SS E	4	b	#
Holyhead ...	30.10	63	60	SW	5	bc	3*	Rochefort ...	30.13	94	84	E	3	b	#

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

Weather in morning bright and fine over France, W^m Germany and the major part of Gt. Britain, dull and unsettled at our W^m and NW^m stations, and misty in places, as well as over the W^m parts of Norway. Heavy rains later in the extreme W. of Ireland and the Hebrides, but weather remaining very fine all over Gt. Britain, France, Spain and Germany.

Temperature in morning exceeding 70° over the Mediterranean, the Adriatic and at Constantinople, as well as at Moscow, exceeding 60° over France and the British Islands, E^m Prussia, the Baltic provinces and central Finland. Lowest (1) 50° on the NW coasts of Norway, 52° at Sumburgh H^d, 55° at Wick, 58° at Cuachaven; (2) 51° at Vienna, 55° at Belfort and Munich, 56° at Prague, Breslau and Buda Pesth. Rising later to 77° in the N. of England and at Oxford, 80° at Cambridge and in London, to 73° at Berlin, 79° at Paris, 81° at Nice, and 99° at Rochefort.

Wind light and anticyclonic over the W^m, S^m and central parts of the Continent, moderate from between SW. and SE. over the British Islands as a whole, and a separate cyclonic circulation found over the southern half of Norway. Freshening considerably from the S^W in the west of our Islands later.

Barometer highest 30.41 ins. at Munich, and exceeding 30.1 ins. in a large elongated anticyclone extending from the Bay of Biscay across France, the S^m half of England, Germany and the Baltic to central Russia. Lowest (1) below 29.9 ins., (a) over the extreme NW. of our Islands, and (b) over the S^m half of Norway, (2) over Asia Minor and Turkey in Europe. Falling rather decidedly in the W. of our Islands later, and the fall tending to spread 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 13th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)					Max.	Min.	Rainfall.
	Ins.	°					Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.																				
Haparanda ...	30.36	53	Z	0	c		30.39	+20	56	52	+3	S	4	b	#	c	#	63	44	-
Hernösand ...	30.39	53	Z	0	b		30.38	+10	58	54	+5	S	4	b	#	b	#	64	43	-
Stockholm ...	30.41	57	Z	0	b		30.43	+13	59	55	0	E	2	b	#	b	#	64	55	-
Wisby ...	30.39	54	N	4	b		30.41	+13	60	56	0	ESE	4	o	#	b	#	63	52	-
Karlstad ...	30.34	61	WSW	2	b		30.38	+06	61	55	+6	SE	2	b	#	b	#	#	#	-
Bodö ...	30.21	51	Z	0	o		30.13	-16	60	54	+9	E	2	b	1	o	#	?	46	-
Christiansund ...	30.11	65	ESE	1	b		30.02	-10	65	59	+11	ESE	4	b	2	b	#	68	54	-
Skudesnaes ...	30.18	60	SSE	4	bc		30.10	-08	64	60	+7	SE	6	o	4	o	#	64	55	#
Færder (Christiania Fjord)	30.33	60	SW	1	bc		30.33	+03	58	55	+3	NE	1	o	1	bc	#	61	55	-
Skagen (The Seaw)	30.31	62	S	1	m		30.30	+02	61	60	+6	SSE	2	m	0	m	#	66	54	-
Fanø ...	30.24	65	SE	2	bc		30.21	-06	63	60	+1	SE	4	m	#	bc	#	70	61	-
Sumburgh Head	29.77	57	SSE	4	c		29.73	-14	55	54	-2	SSW	2	m	6	c	#	62	54	0.03
Stornoway ...	29.56	64	WSW	4	r		29.64	-07	59	58	+1	WSW	4	c	4	o.r	#	66	54	0.55
Wick ...	29.72	59	S	5	o		29.79	-07	62	59	+4	W	2	b	2	o,tlr	#	66	55	0.30
Nairn ...	29.64	76	SSW	3	c		29.75	-07	65	63	+2	W	1	b	1	c	#	76	55	0.04
Aberdeen ...	29.80	62	S	4	cq		29.84	-09	65	60	+3	S	3	b	3	bc,rl	#	69	57	0.28
Leith ...	29.72	62	S	1	o		29.84	-09	68	67	+5	SW	3	b	#	o	#	78	59	0.09
Shields ...	29.82	65	SSE	4	o		29.90	-10	64	61	+5	SSW	2	o	2	bc,o,r	#	73	57	0.08
Spurn Head ...	29.92	64	ESE	6	c		29.95	-12	67	63	+3	WSW	1	c	2	c	#	67	62	-
York ...	29.86	79	S	2	c		29.94	-11	65	63	+2	W	1	o	#	c	#	83	60	-
Loughborough ...	29.88	77	SSE	5	c		29.97	-10	65	61	0	WSW	1	o	#	bc,cq,o	#	83	62	-
BRITISH ISLANDS.																				
Ardrossan ...	29.71	62	SSE	3	rm		29.83	-02	61	59	-2	S	4	b	3	em,rm	#	70	57	0.33
Malin Head ...	29.54	63	SSE	5	o,q,p		29.72	+04	62	59	-1	S	5	bc	2	c,o,q,p	#	64	57	0.08
Belmullet ...	29.62	61	SSW	2	o		29.75	+11	62	59	+2	SSW	2	bc	#	o	#	62	57	0.26
Donaghadee ...	29.67	60	S	6	r		29.87	+03	62	62	+1	WSW	4	b	2	r	#	66	54	1.01
Liverpool (Bidston)	29.76	73	SSE	3	o		29.95	-00	66	60	0	SW	2	b	2	b,o	#	80	59	0.04
Holyhead ...	29.76	64	S	4	ct,u		29.94	+08	61	60	-10	SSW	3	cm	2	c,t	#	75	57	0.21
Parsonstown ...	29.67	63	W	1	bc		29.87	+16	64	60	+2	S	1	b	#	o,r	#	64	56	0.61
Valencia ...	29.69	65	SSW	3	c		29.86	+24	65	62	+3	S	4	c	4	o,r,c	#	66	59	0.17
Roche's Point ...	29.73	64	SW	4	bc		29.91	+17	61	60	0	SW	4	c	3	r,c	#	64	59	0.50
Pembroke (St. Ann's Hd.)	29.80	62	SSE	5	o		29.97	+10	62	61	-2	SW	3	c	4	c,o	#	67	59	0.07
Seilly ...	29.81	64	S	4	r		29.98	+15	62	61	-3	SW	1	c	3	c,r	#	69	60	0.09
Prawle Point ...	29.90	61	SSW	3	bc		29.99	+02	67	65	+3	SSE	2	bc	2	bc	#	68	60	0.03
Jersey (St. Aubin's)	29.94	75	SSE	2	bc		30.02	-01	66	63	-4	W	3	om	3	bc	#	78	56	-
Hurst Castle ...	29.92	72	SSE	3	om		30.00	-05	64	64	-6	SW	2	om	1	cm	#	76	63	-
Dungeness ...	29.98	70	SE	2	c		29.98	-14	67	63	0	SSW	2	b	1	bc	#	74	62	-
North Foreland	30.01	67	E	2	bc		29.98	+13	68	63	+1	SSE	2	b	2	b,bc	#	71	62	-
London (Brixton) ...	29.96	78	SE	2	c		29.99	-17	70	64	-2	SW	2	bc	#	b,c,o	#	85	62	-
Oxford ...	29.91	73	SSE	3	o		29.99	-07	65	62	-5	W	1	o	#	b,o	#	81	62	-
Cambridge ...	29.95	76	SE	2	c		29.98	-12	70	64	+3	SW	1	o	#	b,c	#	85	61	-
Yarmouth ...	30.01	66	SE	3	b		29.98	-15	65	63	+1	SSE	3	b	3	b	#	68	61	-
GERMANY & HOLLAND.																				
Cuxhaven ...	30.22	63	SE	1	b		30.18	-08	62	61	0	SE	2	b	#	b	#	64	59	-
Berlin ...	30.24	69	NE	2	b		30.25	-06	66	61	0	NE	2	b	#	b	#	75	61	-
Wiesbaden ...	#	#	#	#	#		30.15	-11	63	60	+2	Z	0	b	#	#	#	77	57	-
Munich ...	30.21	61	E	2	b		30.21	-09	60	58	0	SE	3	b	#	b	#	72	50	-
The Helder ...	30.09	73	SE	1	b		30.05	-15	71	66	+1	SSE	1	b	1	b	#	79	63	-
FRANCE & BELGIUM.																				
Brussels ...	#	#	#	#	#		30.07	-14	70	64	+2	SSW	1	b	#	b	#	81	61	-
Cape Gris Nez ...	?	76	SSE	1	m		?	?	69	62	0	S	2	bc	1	m	#	84	66	-
Paris ...	30.04	77	ESE	1	b		30.05	-11	67	62	+3	SE	2	b	#	b	#	82	57	-
Brest ...	29.95	68	S	2	c		29.99	+02	62	62	-3	SW	1	m	3	c	#	70	59	0.04
Lorient ...	29.97	70	SSW	1	b		30.06	+09	64	64	-2	SW	1	f	2	b	#	82	52	-
FRANCE & BELGIUM.																				
Rochefort ...	29.96	76	W	2	b		30.01	-00	68	68	+3	HW	2	b	#	b	#	91	65	-
Belfort ...	30.10	71	NE	2	m		30.13	-09	63	60	+6	E	1	m	#	m	#	76	55	-
Lyons ...	30.04	79	E	1	b		30.10	-05	66	58	+2	ESE	1	b	#	b	#	84	57	-
Nice ...	30.06	72	SW	1	b		30.06	-03	75	60	+3	E	1	b	1	b	#	81	68	-
Perpignan ...	30.06	71	SSE	2	b		30.11	+01	66	66	+1	Z	0	o	#	b	#	80	60	-
Biarritz ...	29.94	77	NE	4	b		30.02	+03	70	65	-3	SW	3	b	1	b	#	84	66	-
PENIN- SULA.																				
Corunna ...																				
Lisbon ...	30.03	75	N	4	b		30.05	-00	75	63	-2	NE	2	b	#	b	#	88	68	-
Azores (P. Delgada)	30.06	72	N	3	bc		30.03	+03	72	67	-1	Z	0	b	2	bc	#	81	66	-

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 6.6 hrs;

WEATHER CHARTS

FOR *Saturday, 13th August, 1898*

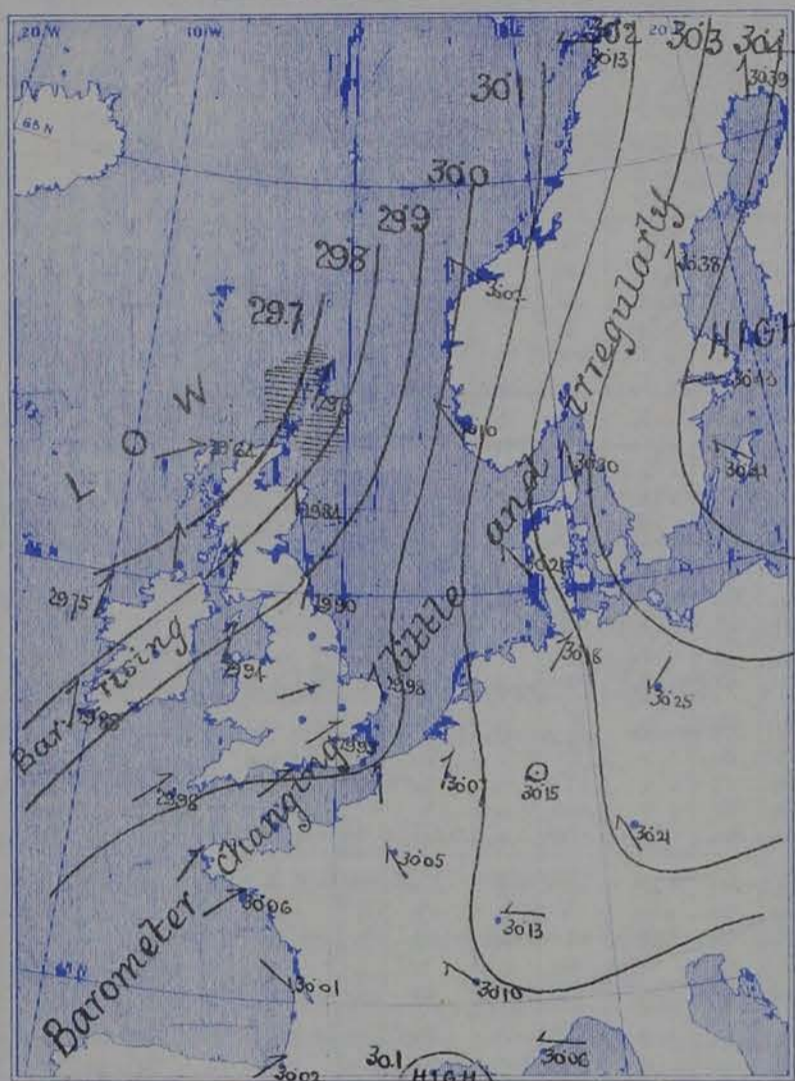
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→ ; }

SEA—Rough : High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866—95.	Hours.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.			Per cent. of possible.	
	(Inches.)							(Inches.)			
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8
Seilly	29.958	60.9	55.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—
Praslee Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.0†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	Highest 30.4 ins. and more over the E ^m half of the Baltic, and exceeding 30.0 ins. over the Continent generally and the extreme S.E. of England. Lowest. Below 29.7 ins. over the Hebrides, and extreme N.W. of Sutherlandshire. Gradients moderate for S.W. ^{ly} breezes over our W ^m and N ^m districts, slight and rather irregular elsewhere. Barometer rising decidedly over Ireland, changing very little and irregularly over England and France.
TEMPERATURE	Highest 75° at Nice, 70° at Biarritz, Brussels and in London, 67° at Paris 66° at Berlin. Lowest (1) 55° at Sumburgh H ^d , 59° at Stornoway; 56° to 59° at the Swedish stations. The highest of the maxima recorded yesterday were 81° at Oxford, 83° at York and Loughborough, 85° at Cambridge and in London; 75° at Berlin, 82° at Paris, 84° at Lyons and Biarritz.
WIND	Exceedingly light and variable over the Continent, light from between S.W. and S. over England, moderate from the same directions over Ireland and Scotland. The strong S. ^{ly} winds noted over Ireland yesterday have died down.
WEATHER	Fine generally, but the appearance of the sky in London was not settled. Thunder had occurred in the E. of Scotland and at Holyhead, heavy rain in some parts of Ireland and the Hebrides. Bright Sunshine recorded yesterday, exceeded 10 hrs at Aberdeen, and exceeded 12 hrs. over many of the S.E. ^m parts of England.
SEA	Rough in the far N. of our Islands, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now rising in Ireland, and the weather in that region, as well as in Scotland, is likely to improve. There are some indications of a depression being formed over the north of France, which might bring thunderstorms to England tonight or tomorrow. The said indications, however, are not sufficiently strong to be relied on at present.

FORECASTS

For the 24 hours ending at NOON on 14TH AUGUST 1898

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S.W. ^{ly} breezes, some rain at times.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	Varying S. ^{ly} (S.W. to S.E.) breezes, light, fine, warm.	9 IRELAND NORTH	S.W. ^{ly} breezes, light, fine, warm.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH			
	SW ^{ly} breezes, light, fine, very warm.		

WARNINGS

At 10.40 am. today to district 10. Lower 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.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.20	61	59	S	6	0	3	Valencia ...	29.67	63	61	SW	2	0	4
Sumburgh Head ...	29.84	59	55	SSW	4	C	6	Scilly ...	29.83	67	64	S	4	C	3
Stornoway ...	29.63	65	61	SSW	5	0	5	Jersey ...	29.97	75	67	SE	3	60	3
Aberdeen ...	29.85	67	58	S	5	bcq	4	Hurst Castle ...	29.97	75	68	SE	4	cm	2
Shields ...	29.90	73	64	SE	4	60	3	Dungeness ...	30.04	73	66	ESE	2	6	1
Ardrossan ...	29.74	68	66	S	3	C	3	North Foreland	30.07	69	65	ESE	2	6	2
Malin Head ...	29.58	63	62	SE	3	r	1	London (Westminster)	30.01	83	69	SE	4	60	#
Belmullet ...	29.60	60	59	WSW	1	0	*	Yarmouth ...	30.07	68	63	SE	3	6	3
Holyhead ...	29.79	71	66	S	3	cm	2	Rochefort ...	30.00	86	88	NW	2	6	#

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

The Continental information will be issued in Sunday's Report.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 14th August, 1898.

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.		TEMPERATURE.			WIND.		Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
							At 32° and M.S.L.	Dry Bulb.	Direc.	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.						Change since Yester- day.	Direc.		Max.	Min.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°								°	°	Ins.
	Haparanda ...	30.27	55	SW	4	b	30.17	-0.22	58	56	+ 2	SW	4	0	#	b	#	61	48	-	
	Hernösand ...	30.30	57	S	6	b	30.23	-0.15	61	56	+ 3	S	6	0	#	b	#	63	45	-	
	Stockholm ...	30.37	57	L	0	b	30.37	-0.06	62	59	+ 3	L	0	0	#	b	#	68	48	-	
	Wisby ...	30.40	58	S	4	b	30.42	+0.01	57	56	- 3	NNW	2	0	#	b	#	68	48	-	
	Karlstad ...	30.32	60	SE	2	b	30.31	-0.07	62	59	+ 1	S	4	0	#	b	#	#	#	-	
	Bodö ...	30.03	66	L	0	b	29.99	-0.14	62	59	+ 2	L	0	0	0	b	#	68	54	0.04	
	Christiansund ...	30.06	63	L	0	a	30.08	+0.06	59	59	- 6	ENE	1	0	2	0	#	77	59	0.12	
	Skudesnaes ...	30.11	63	SE	6	0	30.10	-0.00	61	59	- 3	SSE	4	0	4	0	#	65	59	#	
	Færder (Christiania Fjord)	30.31	60	SSE	1	0	30.29	-0.04	59	58	+ 1	SSE	2	0	2	0	#	63	57	-	
	Skagen (The Scaw)	30.29	61	S	2	m	30.27	-0.03	58	55	- 3	S	4	0	1	m	#	63	57	-	
	Fanø ...	30.18	66	SE	5	c	30.15	-0.06	62	61	- 1	SE	4	0	#	c	#	77	61	-	
	Sumburgh Head	29.85	60	S	1	b	29.94	+0.21	57	56	+ 2	L	0	0	4	b	#	64	50	-	
	Stornoway ...	29.75	62	WSW	5	b	29.84	+0.20	57	56	- 2	S	3	0	3	b	#	63	53	0.03	
	Wick ...	29.87	68	S	2	b	29.97	+0.18	61	58	- 1	S	1	0	1	b	#	70	52	-	
	Nairn ...	29.84	67	W	1	bcm	29.90	+0.15	59	54	- 6	L	0	0	0	bcm	#	74	49	-	
	Aberdeen ...	29.91	64	SSW	3	b	29.95	+0.11	67	59	+ 2	S	2	0	1	bg, bc	#	71	51	-	
	Leith ...	29.91	70	SW	1	0	29.96	+0.12	68	67	0	NE	1	0	#	0	#	77	51	-	
	Shields ...	29.97	67	W	2	0	30.00	+0.10	62	58	- 2	SW	2	0	2	0	#	77	54	-	
	Spurn Head ...	29.99	63	E	2	c	30.00	+0.05	62	60	- 5	ESE	2	0	2	c	#	69	60	-	
	York ...	29.99	70	SW	1	0	30.01	+0.07	63	60	- 2	NNW	1	0	#	c, 0	#	72	56	-	
	Loughborough ...	30.00	71	WSW	1	c	30.02	+0.05	63	61	- 2	W	1	0	#	d, c, bc, 0	#	76	59	0.01	
	Ardrossan ...	29.89	64	SSW	2	b	29.94	+0.11	60	59	- 1	SSE	3	0	2	b	#	65	56	-	
	Malin Head ...	29.85	62	WNW	2	bcm	29.85	+0.13	62	60	0	SE	4	0	2	bcm	#	69	56	-	
	Belmullet ...	29.84	63	WSW	4	b	29.85	+0.10	58	56	- 14	WSW	2	0	#	bc, b	#	65	54	0.49	
	Donaghadee ...	29.92	64	SSW	5	b	29.96	+0.09	61	61	- 1	SSW	5	0	3	b	#	67	53	0.05	
	Liverpool (Bidston)	29.99	67	L	0	0	30.00	+0.05	65	61	- 1	L	0	0	1	0	#	70	58	-	
	Holyhead ...	29.99	63	SSW	3	c	30.02	+0.08	60	59	- 1	SW	2	0	1	c	#	66	57	-	
	Parsonstown ...	29.90	66	W	1	b	29.92	+0.05	62	59	- 2	SE	2	0	#	bc, p	#	72	54	0.02	
	Valencia ...	29.91	66	SSW	4	b	29.94	+0.08	62	59	- 3	WSW	3	0	4	c, bc	#	68	59	0.23	
	Roche's Point ...	29.98	63	SSW	3	c	29.98	+0.07	63	61	+ 2	SW	3	0	3	c, f	#	64	58	-	
	Pembroke (St. Ann's Hd.)	30.02	63	SW	2	c	30.02	+0.05	62	60	0	SSE	3	0	3	c	#	5.5	65	59	-
	Scilly ...	30.01	68	SSW	1	c	30.02	+0.04	67	63	+ 5	SSW	1	0	2	c	#	4.2	69	61	-
	Prawle Point ...	30.03	64	WSW	2	b	30.05	+0.06	62	59	- 5	WNW	2	0	2	b	#	70	56	-	
	Jersey (St. Aubin's)	30.03	70	W	2	c	30.05	+0.03	65	63	- 1	NNW	3	0	3	b, og	#	76	63	-	
	Hurst Castle ...	30.02	66	SW	3	f	30.03	+0.03	65	64	+ 1	SSW	1	0	0	f	#	73	62	-	
	Dungeness ...	29.99	63	SW	3	f	30.00	+0.02	64	63	- 3	WNW	1	0	0	f	#	74	58	-	
	North Foreland	30.00	76	SSW	1	b	30.01	+0.03	70	67	+ 2	W	1	0	1	b	#	80	61	-	
	London (Brixton) ...	29.97	76	SW	2	c	30.02	+0.03	69	60	- 1	WSW	1	0	#	c, bc	#	6.7	85	61	-
	Oxford ...	30.01	70	SSE	1	0	30.01	+0.02	68	64	+ 3	W	1	0	#	0	#	74	62	-	
	Cambridge ...	30.00	75	WNW	1	0	30.01	+0.03	70	67	0	NNW	1	0	#	0	#	8.3	82	63	-
	Yarmouth ...	29.97	67	SSE	2	b	30.00	+0.02	67	63	+ 2	N	2	0	2	b	#	70	60	-	
	Cuxhaven ...	30.13	70	ESE	3	b	30.12	-0.06	65	64	+ 3	ESE	3	0	#	b	#	70	61	-	
	Berlin ...	30.19	73	E	4	b	30.23	-0.02	66	61	0	ESE	3	0	#	b	#	80	61	-	
	Wiesbaden ...	#	#	#	#	#	30.12	-0.03	69	64	+ 6	L	0	#	#	#	#	80	61	-	
	Munich ...	30.19	66	SE	3	b	30.20	-0.01	63	61	+ 3	E	2	0	#	b	#	79	52	-	
	The Helder ...	30.02	75	SE	1	b	30.02	-0.03	73	68	+ 2	SSE	1	0	1	b	#	80	66	-	
	Brussels ...	#	#	#	#	#	30.05	-0.02	75	68	+ 5	S	1	0	#	b	#	86	65	-	
	Capé Gris Nez ...	?	65	SW	1	b	?	?	63	62	- 6	W	1	0	0	b	#	75	59	-	
	Paris ...	30.01	82	ESE	2	b	30.02	-0.03	70	64	+ 3	SE	2	0	#	b	#	89	62	-	
	Brest ...	30.02	66	NW	1	m	30.05	+0.06	59	58	- 3	NE	1	0	1	m	#	68	52	-	
	Lorient ...	30.04	67	SSW	1	m	30.05	-0.01	64	64	0	L	0	0	2	m	#	73	61	-	
	Rocheport ...	30.00	68	NNW	4	m	30.01	-0.00	63	63	- 5	NNW	3	0	#	m	#	76	61	-	
	Belfort ...	30.06	78	L	0	b	30.05	-0.08	65	62	+ 2	L	0	0	#	b	#	82	58	-	
	Lyons ...	30.02	84	NE	1	b	30.06	-0.04	68	60	+ 2	E	1	0	#	b	#	73	59	-	
	Nice ...	30.03	76	L	0	b	30.03	-0.03	73	60	- 2	E	1	0	0	b	#	86	68	-	
	Perpignan ...	30.02	76	E	2	b	30.06	-0.05	67	67	+ 1	NE	2	0	#	b	#	80	66	-	
	Biarritz ...	29.99	71	W	4	b	30.00	-0.02	68	66	- 2	L	0	0	2	b	#	79	64	-	
	Corunna ...	#	#	#	#	#	30.05	-0.00	71	64	- 4	NNW	4	0	#	b	#	88	63	-	
	Lisbon ...	30.02	69	NNW	5	b	30.05	-0.00	71	64	- 4	NNW	4	0	#	b	#	88	63	-	
	Azores (P. Delgada)	29.99	72	SSW	2	b	29.95	-0.08	70	67	- 2	NE	2	0	3	b	#	80	66	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 7.8 hrs.

WEATHER CHARTS

FOR *Sunday, 14th August, 1898*

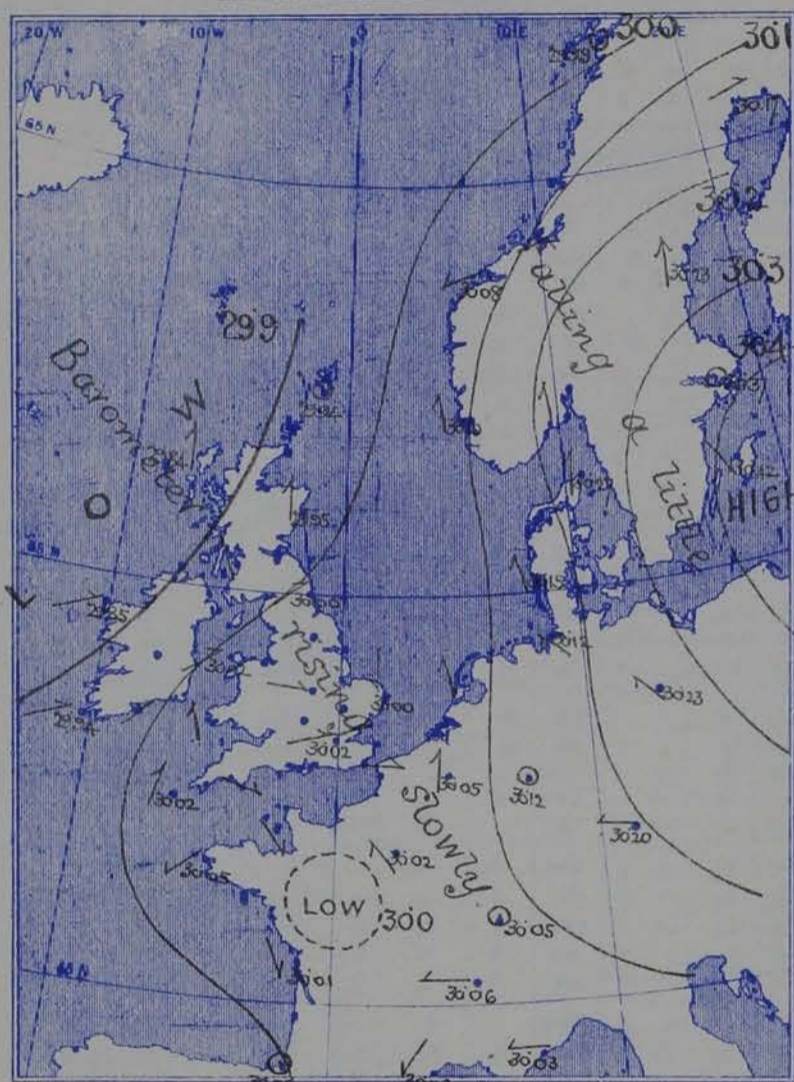
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → ; Force 5 to 7 → ; } Calm ☉
Force 8 to 10 → ; Force 1 to 4 → ; }

SEA—Rough ≡ ; High ≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866—95.		Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.			Hours.	Per cent. of possible.
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	146.0	33
Rochester Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	180.5	40
Yarmouth	29.920	60.5	57.5	68.3	54.7	85	1893	42	1876, 85	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in. to 30.1 in. over the countries lying to the eastward of the North Sea, and exceeding 30.0 in. over the greater part of England & France.
 Lowest, Below 29.9 in. over the northwestern parts of our Islands.
 Gradients slight over the United Kingdom and France.
 Barometer rising at our northernmost stations, falling a little on the Continent.

TEMPERATURE

Highest, 75° at Brussels, 73° at Kiev, 70° at Yarmouth and at Paris, 69° at Windward and in London; above 60° over almost the whole of Europe.
 Lowest, (1) 51° at Hammer and Lumburg Head, 58° at Belmullet, 59° at Christianund; (2) 51° at Wex, 58° at the Scars.
 The maxima recorded yesterday were 76° at Loughborough, 82° at Cambridge and in London, 85° in London, 80° at Berlin, 86° at Brussels and Kiev, and 89° at Paris.

WIND

Light E³ to SE³ over Central Europe; S³ over the southern half of Scandinavia; exceedingly light and variable over France and England; light to moderate from between SW. and SE. on the Irish and Scotch coasts.
 Hardly any change later.

WEATHER

Fog, fine over France, Germany, and the Baltic, as well as over the greater part of our Islands, but dull on our extreme north-west coasts, in which regions some rain had fallen, as well as in the west of Norway.
 Thick haze or fog has been experienced on our southern coasts during the past 24 hours.
 Bright sunshine recorded yesterday ranged from 1.7 hrs at York to 12.5 hrs at Valencia.

SEA

Moderate at Lumburg Head and Valencia, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 15 AUGUST, 1898.

DISTRICTS.

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

FORECASTS.

NONE ISSUED.

DISTRICTS.

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

FORECASTS.

NONE ISSUED.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.11	65	60	SE	6	o	4	Valencia ...	29.91	66	62	SSW	4	c	4
Sumburgh Head ...	29.82	64	59	S	2	b	5	Scilly ...	30.01	68	65	SSW	2	c	3
Stornoway ...	29.72	63	61	WSW	6	bc	6	Jersey ...	30.03	74	68	WSW	2	b	2
Aberdeen ...	29.89	67	60	S	4	bg	3	Hurst Castle ...	30.02	70	67	SW	2	om	2
Shields ...	29.94	75	65	SSW	3	b	2	Dungeness ...	29.99	72	66	SW	2	bc	1
Ardrossan ...	29.89	65	62	S	3	bc	2	North Foreland ...	29.99	76	66	S	2	bc	1
Malin Head ...	29.77	68	62	S	5	bc	3	London (Westminster) ...	29.98	84	73	SW	2	c	#
Belmullet ...	29.88	64	59	SW	4	bc	#	Yarmouth ...	29.98	67	64	SSE	3	b	3
Holyhead ...	30.00	66	64	SSW	3	c	2	Rochefort ...	30.01	76	73	NW	3	b	#

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

Weather in morning fine and bright over almost the whole of the Continent, the southeast of England and over Scotland, dull over the midland counties, with a wet mist at Loughborough. Rain later over Ireland, the extreme northwest of Scotland and the northwest of Norway; weather fair but very oppressive over England, fine and very bright over France and Germany.

Temperature in morning highest (1) 80° at Barcelona, above 70° over the Mediterranean generally; (2) 71° at the Helder, 70° in London and at Cambridge, above 60° over Ireland, England, and the Continent generally. Lowest 55° at Sumburgh Head, 59° at Stornoway, (2) 54° at Uleaborg, and below 60° over Finland generally. Rising later to between 80° and 85° over the southeastern part of England, to 86° at Brussels, and 89° at Paris. Successive night very warm over England.

Wind (1) light and anticyclonic over the northern half of Europe, and light and variable over the southern countries; SW to S over the British Islands - very light over England, but moderate at our western and northwestern stations - no decided change later.

Barometer highest 30.5 ins: over the central parts of Finland, and exceeding 30.1 ins: over the northern and central parts of Europe. Lowest (1) below 29.7 ins: over the extreme northwestern parts of our Islands; (2) below 29.9 ins: over the most southeastern parts of Europe. Rising later at our northwestern stations, falling slightly in various parts of England and 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 (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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 15 August,

1898.

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.	TEMPERATURE.	WIND.											
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
		Inch.	°				Inch.	Inch.	°	°	°							°	°	Inch.
SCANDINAVIA.	Haparanda ...	30.29	58	S	2	b	30.07	-10	58	55	0	S	2	o	#	b	#	61	52	-
	Hernösand ...	30.17	60	Z	0	b	30.13	-10	60	61	+5	S	6	b	#	b	#	68	54	-
	Stockholm ...	30.33	59	S	2	b	30.29	-08	60	61	+4	Z	0	b	#	b	#	72	52	-
	Wisby ...	30.37	59	S	4	b	30.30	-12	64	61	+7	E	4	b	#	b	#	68	50	-
	Karlstad ...	30.25	63	SW	1	b	30.23	-08	62	59	0	S	2	b	#	b	#	#	#	-
	Bodo ...	30.06	56	SW	4	c	29.97	-02	55	53	-7	Z	0	f	0	c	#	64	52	0.16
	Christiansund ...	30.06	59	ENE	3	r	30.03	-05	59	59	0	Z	0	f	1	r	#	68	57	0.35
	Skudesnaes ...	30.03	62	SSE	6	o	30.13	+03	57	57	-4	SE	2	f	2	o	#	63	54	#
	Færder (Christiania Fjord) ...	30.23	59	ENE	1	c	30.18	-11	60	59	+1	SSE	2	o	2	c	#	61	57	-
	Skagen (The Seaw) ...	30.21	62	SSE	2	m	30.17	-10	62	60	+4	S	3	b	0	m	#	68	57	-
BRITISH ISLANDS.	Faro ...	30.11	67	ESE	3	b	30.10	-05	68	65	+6	ESE	2	b	#	b	#	82	62	-
	Sumburgh Head ...	29.88	59	SE	2	c	30.06	+12	55	54	-2	SSW	1	c	3	c	#	66	50	-
	Stornoway ...	29.86	63	W	3	b	30.02	+18	57	56	0	WSW	3	c	3	b	#	64	51	0.05
	Wick ...	29.94	62	S	2	b	30.12	+15	57	54	-4	S	1	b	1	b	#	70	45	-
	Nairn ...	29.90	64	WSW	2	b	30.09	+19	58	54	-1	Z	0	b	0	b	#	75	44	-
	Aberdeen ...	29.95	64	S	2	b	30.09	+14	59	55	-8	W	2	ew	1	b	#	71	47	-
	Leith ...	29.94	72	W	3	b	30.08	+12	57	55	-11	W	1	m	#	b	#	75	52	-
	Shields ...	30.00	68	W	2	b	30.09	+09	60	58	-2	E	1	c	2	b	#	71	56	-
	Spurn Head ...	30.01	63	SSE	2	b	30.06	+06	63	61	+1	N	3	c	3	b	#	70	60	-
	York ...	30.01	73	WNW	1	b	30.09	+08	61	59	-2	NNW	1	c	#	b	#	79	54	-
GERMANY & HOLLAND.	Loughborough ...	30.01	80	W	1	b	30.08	+06	63	60	0	Z	0	cmw	#	c, b, cmw	#	82	55	-
	Ardrossan ...	29.97	61	SSW	3	cp	30.08	+14	59	57	-1	N	1	cmw	1	cp	#	65	50	-
	Malin Head ...	29.94	61	WSW	4	b	30.06	+21	60	57	-2	SSW	1	bmw	0	b	#	64	52	0.12
	Belmullet ...	29.98	61	W	1	b	30.10	+25	60	57	+2	SSW	1	b	#	b	#	63	55	0.03
	Donaghadee ...	29.97	63	SSW	4	b	30.08	+12	53	53	-8	NNW	2	f	0	b	#	69	54	0.04
	Liverpool (Bidston) ...	30.04	67	Z	0	b	30.08	+08	64	60	-1	Z	0	c	#	b	#	70	59	-
	Holyhead ...	30.03	63	S	3	c	30.08	+06	60	60	0	W	1	f	0	c	#	67	57	-
	Parsonstown ...	30.01	66	W	1	b	30.09	+17	57	55	-5	Z	0	c	#	b	#	10.4	68	48
	Valencia ...	30.03	61	SW	2	b	30.07	+13	59	57	-3	SW	1	o	2	b	#	11.9	64	52
	Roche's Point ...	30.02	65	SW	3	b	30.10	+12	57	56	-6	NNW	2	o	2	b	#	67	56	-
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.) ...	30.07	63	SW	3	c	30.06	+04	60	59	-2	Z	0	og	2	c	#	65	57	-
	Seilly ...	30.07	67	WSW	1	c	30.03	+01	62	60	-5	NE	2	ow	2	c	#	10.9	71	60
	Prawle Point ...	30.06	64	WNW	2	b	30.01	-04	67	62	+5	NNE	2	c	1	b	#	69	60	-
	Jersey (St. Aubin's) ...	30.07	69	NNW	2	b	29.99	-06	68	65	+3	NNE	2	b	2	c, b, w	#	75	62	-
	Hurst Castle ...	30.02	71	SW	2	b	30.00	-03	70	66	+5	NNE	1	bmw	1	b	#	74	61	-
	Dungeness ...	29.99	68	SW	3	c	29.99	-01	70	65	+6	N	1	b	1	c	#	76	62	-
	North Foreland ...	30.00	75	S	1	b	30.02	+01	66	63	-4	NW	1	b	1	b	#	76	61	-
	London (Brixton) ...	29.99	80	WSW	1	b	30.03	+01	72	67	+3	N	1	c	#	b, c, o	#	10.8	85	65
	Oxford ...	30.04	69	SW	2	b	30.04	+03	66	62	-2	NE	2	o	#	b	#	81	60	-
	Cambridge ...	30.00	78	NNW	1	b	30.04	+03	69	65	-1	N	2	o	#	b	#	9.3	84	61
PENINSULA.	Yarmouth ...	30.00	69	ESE	1	b	30.00	00	67	63	0	NNW	2	b	2	b	#	72	61	-
	Cuxhaven ...	30.08	72	SE	3	b	30.08	-04	66	64	+1	ESE	1	b	#	b	#	72	63	-
	Berlin ...	30.15	76	SE	2	b	30.15	-08	69	64	+3	SE	2	b	#	b	#	82	64	-
	Wiesbaden ...	#	#	#	#	#	30.12	00	68	64	-1	Z	0	b	#	#	#	84	61	-
	Munich ...	30.15	66	E	2	b	30.12	-08	64	62	+1	SE	3	b	#	b	#	79	55	-
	The Helder ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Brussels ...	#	#	#	#	#	30.01	-04	76	67	+1	SSW	1	b	#	b	#	88	61	-
	Cape Gris Nez ...	#	67	SW	1	m	#	#	64	63	+1	ENE	2	m	#	m	#	75	59	-
	Paris ...	29.97	82	N	3	b	29.98	-04	67	64	-3	NE	1	b	#	b	#	92	61	-
	Brest ...	30.03	66	NE	2	c	30.00	-05	61	60	+2	N	1	c	0	c	#	68	59	-
GERMANY & HOLLAND.	Lorient ...	30.02	74	E	1	b	29.96	-09	62	60	-2	ENE	2	b	1	b	#	79	59	-
	Rochefort ...	29.96	71	NW	3	b	29.91	-10	68	68	+5	E	3	b	#	b	#	75	63	-
	Belfort ...	29.95	79	NNE	1	b	29.99	-06	66	62	+1	E	2	m	#	b	#	85	59	-
	Lyons ...	29.96	85	NNE	1	b	29.99	-07	69	64	+1	ESE	1	b	#	b	#	93	62	-
	Nice ...	29.96	76	Z	0	b	29.95	-08	76	61	+3	E	1	b	0	b	#	88	70	-
	Perpignan ...	29.96	74	SE	2	o	29.99	-07	67	67	0	NE	2	o	#	o	#	81	66	-
	Biarritz ...	29.99	70	NW	3	c	29.93	-07	68	65	0	SW	2	o	2	c	#	73	66	-
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	30.03	68	NNW	4	b	30.02	-03	71	65	0	NNE	2	b	#	b	#	82	64	-
	Azores (P. Delgada) ...	30.02	70	NNE	4	b	30.06	+11	68	62	-2	NNE	4	c	3	b	#	73	66	-

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 11.9 hrs;

WEATHER CHARTS

FOR *Monday, 15th August, 1898*

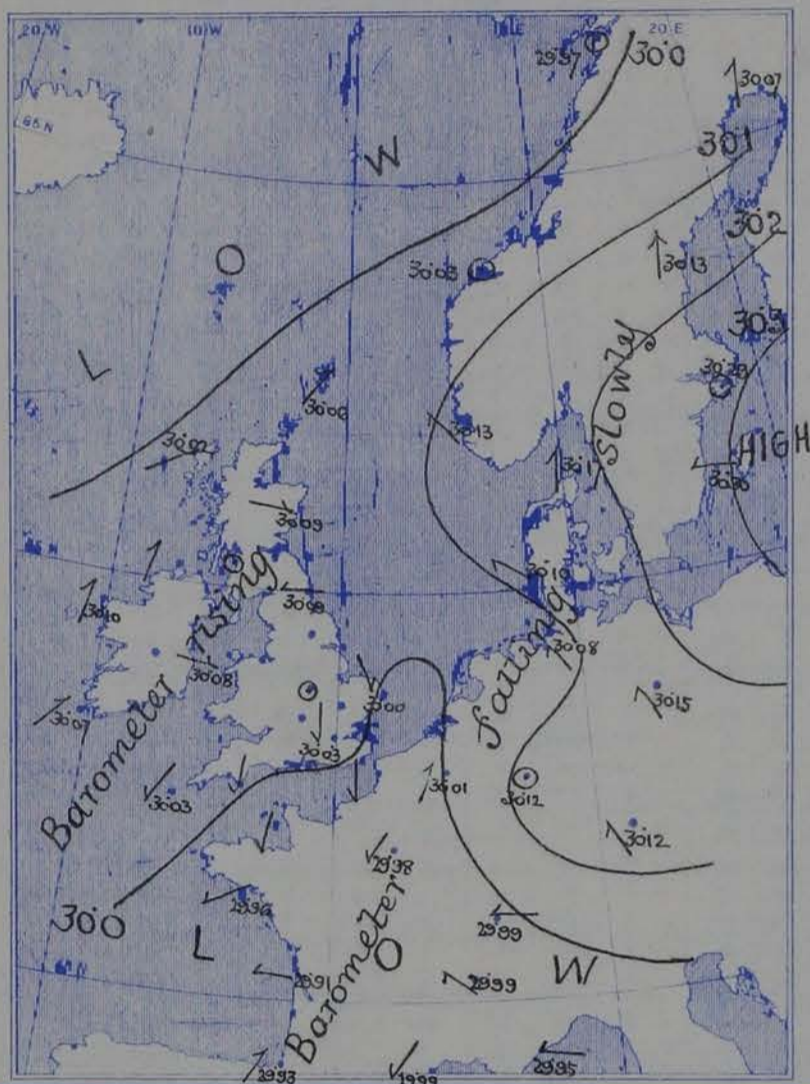
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → ; Force 5 to 7 → ; Force 1 to 4 → ; Calm ○

SEA—Rough ≡ ; High ≡

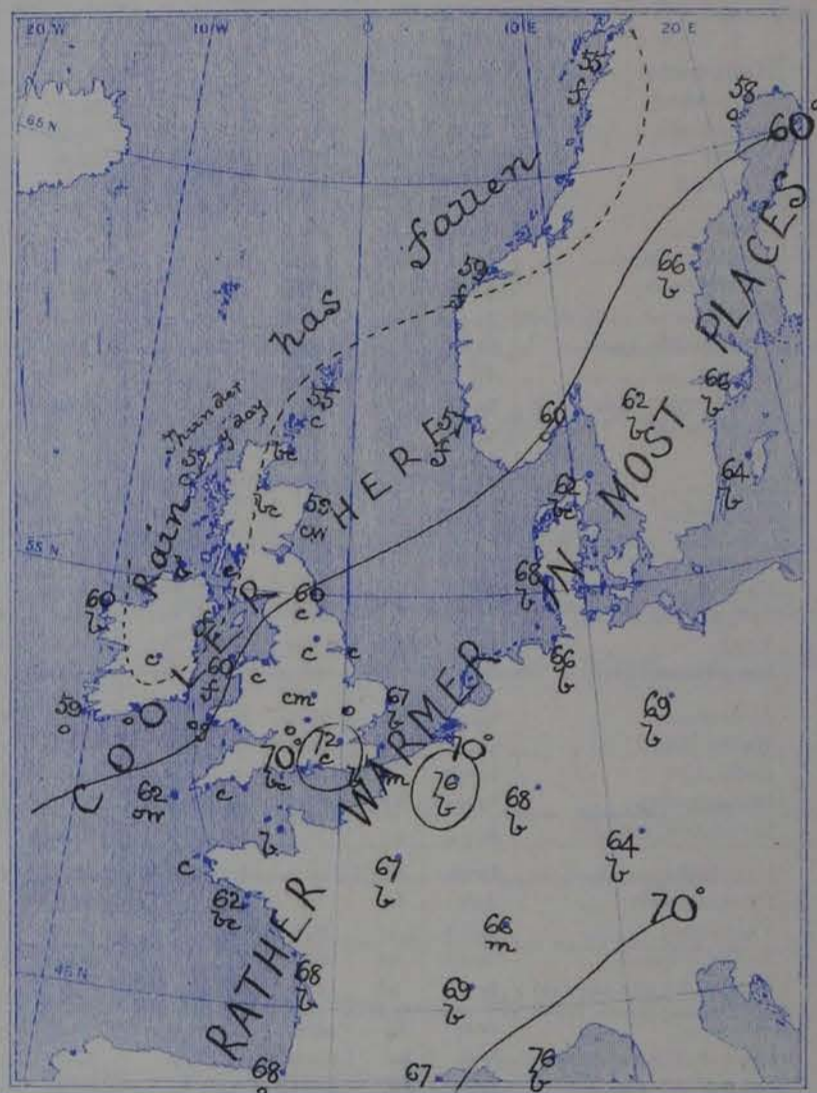


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.						RAINFALL.		BRIGHT SUNSHINE	
		Means of				Absolute Extremes.		Means, 1866—95.	Hours.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Minimum			Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	38	1885, 95	—	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	33	1888	117.4	25	—
Wick	29.798	55.3	53.4	61.2	48.6	85	30	1886	—	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	33	1885, 91	—	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	33	1885	151.1	33	—
Leith	29.835	57.6	54.4	65.8	51.3	85	37	1874	—	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	39	1892	—	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	46*	1887, 90	—	—	—
York	29.895	57.8	55.1	67.8	51.4	89	37	1887	145.1	32	—
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	38*	1885, 87, 88	—	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	38	1881	—	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	38	1886	—	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	45	1888	—	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	44	1885	—	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	35	1885, 87	131.0	29	—
Valencia	29.921	59.3	56.9	64.4	54.2	80	42	1890	146.0	33	—
Roshe's Point	29.921	58.8	56.3	65.7	53.9	80	44	1883	—	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	47	1885, 88	188.8	42	—
Scilly	29.958	60.9	58.8	64.9	56.9	75	50	1885, 90, 95	—	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	43*	1888	—	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	45	1890	241.2	55	—
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	43	1877	—	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	39	1890	—	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	39	1887, 90	160.9†	36†	—
Oxford	29.944	58.8	55.9	69.1	53.0	90	39	1892	182.9	41	—
Cambridge	29.933	59.9	57.1	71.1	51.9	95	39	1876, 77, 81, 90	180.5	40	—
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	42	1876, 85	—	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 in. and more over the E^m parts of the Baltic, and exceeding 30.1 in. on the eastern shores of the North Sea.
Lowest about 29.9 in. over the S^m half of the Bay of Biscay. It was uniform between 30.0 in. and 30.1 in. over our Islands.
Gradients very slight.

TEMPERATURE

Barometer falling slightly over the Continent, rising slightly over Ireland and Scotland.
Highest 76° at Nice, 72° to 70° over the S.E. parts of England, 69° at Lyons and Berlin, 68° at Wiesbaden and at Cambridge.
Lowest 55° at Bodo and at Sumburgh, 57° at Stornoway, Leith, Parsonstown and Rachei P.
The highest of the maxima recorded yesterday were 81° to 85° over the inland parts of England, 82° at Berlin, 88° at Brussels, 92° at Paris, 93° at Lyons.

WIND

Very light in force generally - variable in direction over Ireland and Scotland, N^{ly} over England, N^{ly} to E^{ly} over France. Over Sweden and the S. of Ireland it was S^{ly} to E^{ly}, light to moderate in force.

WEATHER

Fine as a whole and in many places very clear and bright, at several of our stations, however, the air was hazy, and fog was prevalent on the N.W. coast of Norway. Fog has prevailed at times at several of our S^m stations during the past 48 hours. Bright Sunshine recorded yesterday was very great in most places, it amounted to nearly 14 hrs. at Aberdeen and was more than 10 hrs. at most stations.

SEA

Slight to very smooth on our coasts generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of the giving way of the present fine and bright weather.

FORECASTS

For the 24 hours ending at NOON on 16TH AUGUST 1898

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

W^{ly} and S.W^{ly} breezes, fair as a whole.

Very light airs, fine, generally hazy at times.

N^{ly} airs and calms, fine, very warm, hazy at times.

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

Varying airs, fine generally.

Same as No. 5.

Same as Nos 6 and 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. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.09	60	59	SE	2	0	3	Valencia							
Sumburgh Head								Scilly							
Stornoway	29.83	59	58	SW	3	0	3	Jersey	30.07	72	66	NNW	3	c	3
Aberdeen								Hurst Castle							
Shields								Dungeness	29.99	71	65	SW	2	c	1
Ardrossan								North Foreland							
Malin Head	29.88	62	59	SW	4	6	2	London (Westminster)							#
Belmullet	29.94	62	58	SW	3	6	*	Yarmouth							
Holyhead								Rocheport	29.99	70	70	NNW	3	6	#

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

Continental information not received

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 7TH TO 13TH AUGUST.

During the first two days of this week the distribution of pressure—first over W., and then over central Europe, was of a very complex character—small depressions of slight intensity appearing over the SW. of England, the NW. of France and the E. shore of the North Sea and these brought with them very heavy falls of rain, and a reduction of temperature over the S. and E. part of England, so great that in London the maximum reading recorded was only 54° on Sunday, and that on Monday 59°. These disturbances having passed off the barometer rose—first over our Islands, and then over the Continent, so that by the middle of the week anticyclonic conditions were spreading over the same regions in which the small depressions already noticed had previously prevailed, and by Thursday a well marked high pressure area was established over central Europe.

In the meantime, depressions had begun to advance in a N.E. direction towards Ireland, Scotland and Norway, so that in those regions large quantities of rain fell day by day, while the more S. and E. districts had finer weather. In these latter regions the thermometer rose steadily, with the result that on Thursday it rose to 77° over our N. Midlands, and at Oxford, to 80° at Cambridge and in London, and to 99° at Rocheport. On the remaining days of the week temperature continued to rise over England, and on Friday the maxima in the shade over the inland parts of England ranged from 81° to 85°.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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

Tuesday 16th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		
	At 52° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)					Max.	Min.	Rainfall.
	Ins.	°					Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.																				
Haparanda ...	30.02	57	WSW	2	o		30.02	-05	58	57	0	W	2	r	#	o	#	64	52	0.08
Hernösand ...	30.10	67	Z	0	o		30.06	-07	65	63	-1	Z	0	o	#	o	#	72	55	0.04
Stockholm ...	30.23	61	Z	0	b		30.16	-13	63	61	-3	S	2	c	#	b	#	73	55	-
Wisby ...	30.25	60	SSE	4	b		30.20	-10	66	62	+2	S	4	b	#	b	#	75	54	-
Karlstad ...	30.16	67	ESE	1	b		30.12	-11	65	61	+3	S	2	b	#	b	#	#	#	-
Bodo ...	29.99	56	SW	6	c		30.02	+05	55	50	0	SW	6	o	3	c	#	59	54	0.16
Christiansund ...	30.16	55	WSW	2	o		30.15	+12	55	52	-4	WNW	1	c	1	o	#	59	54	-
Skudesnaes ...	30.13	60	Z	0	o		30.08	-05	59	57	+2	NNE	1	c	1	o	#	61	55	#
Færder (Christiania Fjord)	30.13	62	SE	1	o		30.08	-10	61	60	+1	SE	1	o	1	o	#	64	59	-
Skagen (The Scaw)	30.13	64	S	1	b		30.08	-09	62	61	0	SE	1	b	0	b	#	70	59	-
Fanø ...	30.08	70	ESE	3	b		30.04	-06	68	66	0	ESE	2	b	#	b	#	86	64	-
Sumburgh Head	30.09	57	S	1	b		30.09	+03	56	55	+1	E	1	c	2	b, b	#	61	46	-
Stornoway ...	30.05	62	SW	3	b		30.05	+03	55	53	-2	Z	0	b	0	b, b	#	64	46	-
Wick ...	30.12	63	S	2	b		30.10	-02	55	54	-2	SE	1	f	1	b	#	63	52	-
Nairn ...	30.07	64	Z	0	c		30.08	-01	57	55	-1	Z	0	o	0	c	#	69	50	-
Aberdeen ...	30.10	57	ESE	1	c		30.09	00	56	55	-3	NNW	2	op	1	c	#	65	52	0.02
Leith ...	30.07	61	NNE	1	o		30.06	-02	57	56	0	NE	1	r, b	#	o	#	66	55	-
Shields ...	30.09	60	Z	0	o		30.06	-03	56	56	-4	N	1	f	2	op, f	#	66	54	-
Spurn Head ...	30.05	61	N	4	c		30.01	-05	60	59	-3	N	3	r	3	c, b, r	#	68	58	0.39
York ...	30.06	70	NE	1	c		30.04	-05	60	59	-1	N	1	c	#	c	#	74	56	-
Loughborough ...	30.03	73	NE	2	c		30.03	-05	60	59	-3	NE	1	rgm	#	cm, fld	#	78	59	0.39
BRITISH ISLANDS.																				
Ardsrassan ...	30.05	63	SE	1	cm		30.04	-04	60	58	+1	Z	0	om	0	cm	#	68	55	0.03
Malin Head ...	30.04	62	E	2	b		30.05	-01	58	57	-2	W	1	b	0	b	#	65	56	0.01
Belmullet ...	30.08	62	WSW	2	b		30.08	-02	60	57	0	WSW	1	b	#	b	#	66	51	0.01
Donaghadee ...	30.07	60	NE	3	c		30.06	-02	60	59	+2	NW	3	b	1	c	#	61	56	0.01
Liverpool (Bidston)	30.06	64	NNW	1	o		30.02	-06	64	62	0	Z	0	o	?	ug, r	#	66	60	0.01
Holyhead ...	30.06	62	NE	1	b		30.03	-05	60	59	0	N	2	om	1	cf, b	#	63	57	-
Parsonstown ...	30.06	65	Z	0	o		30.10	+01	59	57	+2	Z	0	b	#	c, or	#	70	49	0.07
Valencia ...	30.08	61	Z	0	o		30.11	+04	60	57	+1	Z	0	b	2	c, a	#	65	58	0.06
Roche's Point ...	30.08	60	NNW	2	r		30.10	00	60	57	+3	N	2	b	2	o, r	#	65	56	0.02
Pembroke (St. Ann's Hd.)	30.01	66	NE	3	c		30.01	-05	63	61	+3	NE	3	c	2	c	#	67	58	-
Scilly ...	30.01	63	NNE	3	c		29.98	-05	62	60	0	N	4	cm	2	o, c	#	65	59	-
Prawle Point ...	29.97	73	NNE	3	b		29.95	-06	68	64	+1	NE	2	b	1	b, b	#	79	62	-
Jersey (St. Aubin's)	29.92	78	NE	1	b		29.92	-07	68	65	0	NNE	2	bm	2	b, c	#	81	64	-
Hurst Castle ...	29.94	73	W	1	b, cm		29.93	-07	68	65	-2	NE	2	bm	1	b, cm	#	81	63	-
Dungeness ...	29.94	69	NE	3	b		29.91	-08	66	63	-4	ENE	3	b, cm	2	b, b	#	73	61	-
North Foreland	29.97	65	N	2	b		29.97	-05	61	61	-5	NE	4	f	3	b	#	70	60	-
London (Brixton) ...	29.94	79	NE	3	c		29.96	-07	65	63	-7	ENE	2	o	#	b, o, b, r	#	87	62	0.06
Oxford ...	30.00	69	NE	2	o		29.97	-07	66	63	0	N	2	b	#	c, b, r	#	78	59	-
Cambridge ...	30.02	72	N	3	c		29.98	-06	64	63	-5	N	2	c	#	c, b, r	#	79	59	0.15
Yarmouth ...	30.00	66	NNW	3	b		29.97	-03	64	62	-3	NNE	5	b	4	b	#	71	59	-
GERMANY & HOLLAND.																				
Cuxhaven ...	30.04	75	E	2	b		30.01	-07	57	65	+1	ESE	1	b	#	b	#	77	64	-
Berlin ...	30.06	80	Z	0	b		30.09	-06	72	67	+3	SE	3	b	#	b	#	88	66	-
Wiesbaden ...	#	#	#	#	#		30.02	-10	71	67	+3	Z	0	b	#	#	#	84	63	-
Munich ...	30.10	70	Z	0	b		30.11	-01	68	63	+4	SW	2	b	#	b	#	87	57	-
The Helder ...	29.97	72	Z	0	b		29.95		73	69		W	1	b	1	b	#	86	66	-
FRANCE & BELGIUM.																				
Brussels ...	#	#	#	#	#		29.96	-05	78	69	+2	S	1	b	#	b	#	91	68	-
Cape Gris Nez ...	#	67	E	3	b		#	#	63	62	-1	E	3	f	3	m	#	70	61	-
Paris ...	29.93	81	E	1	b		29.94	-04	71	64	+4	SE	2	f	#	b	#	91	66	-
Brest ...	29.95	71	NE	1	b		29.93	-07	61	60	0	N	1	m	1	b	#	72	57	-
Lorient ...	29.89	77	WNW	1	b		29.95	-01	66	66	+4	NE	#	b	2	b	#	88	59	-
Rochefort ...	29.92	70	SSW	3	b		29.96	+05	68	67	0	SW	3	o	#	o	#	79	66	-
Belfort ...	29.96	78	E	2	b		30.02	+03	67	61	+1	Z	0	m	#	b	#	85	59	-
Lyons ...	29.93	85	E	1	b		30.00	+01	70	66	+1	SW	1	b	#	b	#	93	64	-
Nice ...	29.99	75	NE	2	c		30.00	+05	77	65	+1	NE	1	b	0	c	#	88	68	-
Perpignan ...	29.96	72	E	2	o		30.03	+04	70	68	+3	W	2	o	#	b	#	81	67	-
Biarritz ...	29.97	73	WNW	3	b		29.98	+05	68	65	0	S	2	o	2	b	#	79	66	-
PENIN- SULA.																				
Corunna ...																				
Lisbon ...	30.00	68	NNW	3	b		29.98	-04	71	64	0	SSW	1	b	#	b	#	82	64	-
Azores (P. Delgada)	30.10	66	N	2	b		30.06	00	68	62	0	N	3	c	2	b	#	73	63	0.04

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 0.2 hrs;

WEATHER CHARTS

FOR *Tuesday, 16th August, 1898*

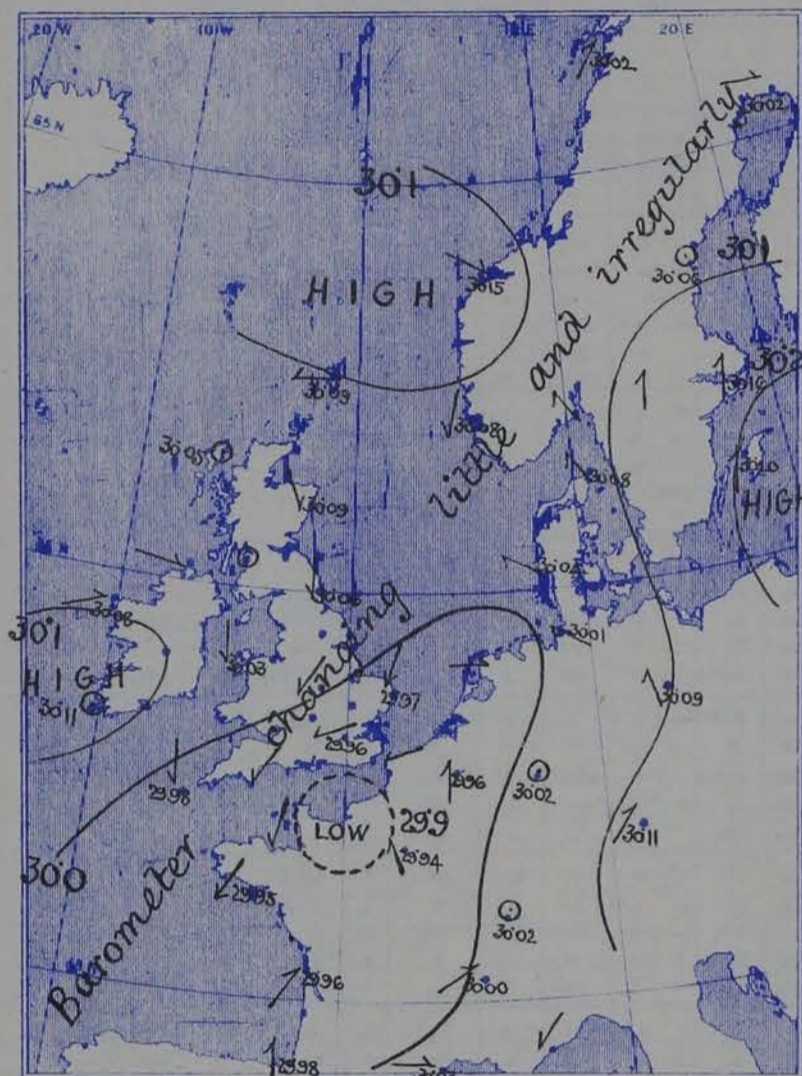
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ☉
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡

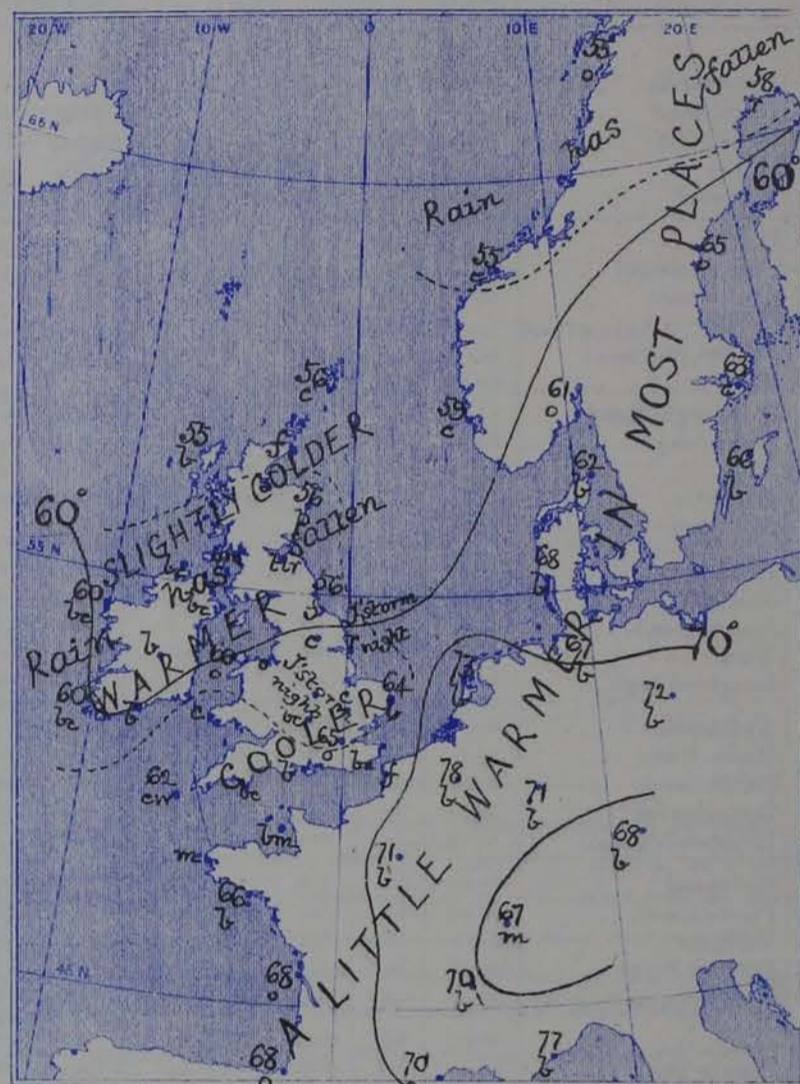


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.2 ins. to 30.1 ins. over Finland and the greater part of Scandinavia; (2) exceeding 30.1 ins. over the western parts of Ireland.

Lowest. Below 29.9 ins. in a shallow depression over the north of France.

Gradients slight, and varied greatly in direction.

Barometer changing but little and irregularly.

TEMPERATURE

Highest 78° at Brussels, 73° at the Meider, 72° at Berlin, 66° to 60° over central England & Sweden.

Lowest 55° at Bodø, Christiansund and Stornoway, 56° at Aberdeen and Shields.

The maxima recorded yesterday were 78° at Loughborough (Leicestershire) and Oxford, 79° at Cambridge, 87° in London, 91° at Brussels and Paris, 93° at Lyons.

WIND

(1) Moderate from NE. over the southern parts of England, the Channel and the N. of France, but SW. over the southern parts of France.

(2) SE. over the countries lying to the eastward of the North Sea.

(3) Extremely light and variable over Ireland and Scotland.

WEATHER

(1) Very fine over the Continent and the S. of England, as well as over Ireland.

(2) Variable over Gt. Britain as a whole, with thunder lightning and rain in a few localities. Thunderstorms had occurred over England during the night but do not seem to have been severe. Bright Sunshine recorded yesterday amounted to 13 hrs. at Stornoway, and 9 to 11 hrs. on our SE. coasts; elsewhere the amounts were much smaller.

SEA

Smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the present appearance of the weather is less fine than of late, a general break-up into rainy weather is not anticipated just yet.

FORECASTS

For the 24 hours ending at NOON on 17TH AUGUST 1898.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Calms and light SW. breezes, changeable, some rain and thunder in places.

N. breezes, light, fair as a whole, very warm.

NE. breezes moderate to light, fair, warm.

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

Same as Nos. 0 and 1.

Same as No. 5.

Light variable airs, fair as a whole.

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 ...	30.15	61	60	SSW	2	f	2	Valencia ...	30.08		65	60	2	0	0	1
Sumburgh Head ...	30.10	59	56	W	1	bc	3	Scilly ...	30.01		63	61	N	2	0	2
Stornoway ...	30.06	62	56	S	5	bc	5	Jersey ...	29.94		78	69	NE	2	b	2
Aberdeen ...	30.11	60	57	E	2	c	1	Hurst Castle ...	29.96		78	72	SSE	2	bcm	2
Shields ...	30.10	62	58	NE	2	o	2	Dungeness ...	29.96		71	65	ESE	2	b	1
Ardrossan ...	30.06	68	64	Z	0	cm	0	North Foreland	30.00		68	65	N	1	b	1
Malin Head ...	29.96	63	61	E	3	b	1	London (Westminster)	29.97		83	73	NNW	1	c	#
Belmullet ...	30.13	65	58	WSW	1	b	#	Yarmouth ...	30.00		70	65	N	3	b	3
Holyhead ...	30.09	62	61	NNE	1	cf	1	Rocheport ...	29.91		75	73	S	4	c	#

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 (bazy); 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 Wednesday 17th August, 1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.					
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Max.	Min.	Rainfall	
Ins.		°				Ins.	Ins.	°	°	°							°	°	Ins.			
SCANDINAVIA.	Haparanda ...	29.97	58	S	2	o	29.96	-.06	55	48	- 3	N	4	b	#	o	#	64	54	-		
	Hernösand ...	30.03	60	Z	0	o	30.15	+ .09	55	50	- 10	NNW	6	bc	#	o	#	72	55	0.35		
	Stockholm ...	30.06	63	Z	0	o	30.01	-.15	63	62	0	Z	0	o	#	o	#	77	55	-		
	Wisby ...	30.12	66	SSW	4	b	30.06	-.14	65	62	- 1	NNW	4	bc	#	b	#	75	55	-		
	Karlstad ...	30.04	66	W	1	r	30.00	-.12	63	62	- 2	SE	2	r	#	r	#	#	#	0.83		
	Bodö ...	30.06	51	W	6	r	30.17	+ .15	49	46	- 6	WNW	6	r	3	r	#	55	45	1.02		
	Christiansund ...	30.17	53	WNW	2	c	30.21	+ .06	54	51	- 1	ENE	3	bc	2	c	#	57	48	-		
	Skudesnaes ...	30.05	57	N	4	c	30.04	-.04	56	53	- 3	N	6	c	2	c	#	64	52	*		
	Færder (Christiania Fjord)	30.02	61	WNW	1	r	29.98	-.10	61	61	0	SSE	1	m	0	r	#	63	61	0.20		
	Skagen (The Seaw)	30.01	64	E	1	b	29.99	-.09	62	62	0	ENE	1	r	0	bc	#	70	61	0.12		
Fanø ...	29.96	70	N	1	b	29.97	-.07	66	65	- 2	N	4	ct	#	b, b	#	82	63	-			
BRITISH ISLANDS.	Sumburgh Head	30.11	56	SE	1	c	30.17	+ .08	54	53	- 2	WNW	1	c	2	b, c	#	60	46	-		
	Stornoway ...	30.08	64	SE	1	bc	30.15	+ .10	56	55	+ 1	Z	0	c	0	bc	13.2	66	47	-		
	Wick ...	30.11	55	S	3	o	30.21	+ .11	55	52	0	S	1	bc	0	o	#	62	45	-		
	Nairn ...	30.09	60	E	2	o	30.19	+ .11	58	56	+ 1	Z	0	o	1	o	#	68	52	0.03		
	Aberdeen ...	30.10	55	NE	1	og	30.20	+ .11	60	56	+ 4	ENE	1	bc	1	f, r, og	0.0	60	53	0.20		
	Leith ...	30.07	58	E	2	o	30.18	+ .12	57	56	0	NE	1	om	#	o	#	59	54	0.28		
	Shields ...	30.05	59	N	1	c	30.16	+ .10	58	57	+ 2	N	2	o	2	bc, cp	#	63	55	0.13		
	Spurn Head ...	30.01	60	N	3	op	30.13	+ .12	59	57	- 1	N	4	c	3	or, p, f	#	62	57	0.13		
	York ...	30.01	71	E	1	c	30.16	+ .12	59	57	- 1	N	1	o	#	c	8.2	75	55	-		
	Loughborough ...	30.01	65	NNE	1	c	30.15	+ .12	59	57	- 1	ENE	2	ogm	#	r, o, c, b, o	#	66	54	0.05		
GERMANY & HOLLAND.	Ardrossan ...	30.04	65	W	2	bm	30.16	+ .12	60	57	0	NNE	1	om	1	em, bm	#	67	55	-		
	Malin Head ...	30.09	61	NNW	2	b	30.16	+ .11	58	57	0	SW	1	b	0	b	#	62	54	-		
	Belmullet ...	30.12	61	WNW	2	b	30.19	+ .11	59	57	- 1	NNW	1	b	#	b	#	64	45	-		
	Donaghadee ...	30.07	60	NNW	4	b	30.17	+ .11	58	57	- 2	NNW	3	c	1	b	#	68	52	-		
	Liverpool (Bidston)	30.02	65	WNW	2	bc	30.15	+ .13	59	57	- 5	SE	1	m	?	bc, m	#	68	57	-		
	Holyhead ...	30.06	60	NNW	2	bc	30.14	+ .11	59	58	- 1	NNE	2	f	1	c, bc	#	63	55	-		
	Parsonstown ...	30.10	67	NW	1	b	30.17	+ .07	53	52	- 6	Z	0	ow	#	b	12.1	70	48	-		
	Valencia ...	30.13	63	NW	2	bv	30.14	+ .08	62	57	+ 2	NNE	1	bc	3	bc, bv	4.0	64	48	-		
	Roche's Point ...	30.09	67	NNW	2	b	30.15	+ .05	58	54	- 2	N	2	bc	2	b	#	69	55	-		
	Pembroke (St. Ann's Hd.)	30.04	65	N	5	b	30.10	+ .09	64	61	+ 1	NE	3	og	2	b	10.6	69	58	-		
FRANCE & BELGIUM.	Scilly ...	30.02	63	N	4	c	30.03	+ .05	63	60	+ 1	NE	4	ow	1	c	10.3	65	60	-		
	Prawle Point ...	29.98	69	WNW	3	b	30.06	+ .11	67	63	- 1	ENE	4	b	3	bc, b	#	74	62	-		
	Jersey (St. Aubin's)	29.96	75	NW	2	bm	30.04	+ .12	68	66	0	NE	2	bc, m	2	b, bm	#	78	61	-		
	Hurst Castle ...	29.94	72	WSW	1	bm	30.08	+ .15	68	60	0	ENE	1	bm	1	bm	#	78	62	-		
	Dungeness ...	29.90	68	E	1	b	30.06	+ .15	67	62	+ 1	NNE	4	c	2	b	#	70	61	-		
	North Foreland	29.93	63	WNW	3	m	30.08	+ .11	63	61	+ 2	NW	4	o	3	c, m	#	66	60	-		
	London (Brixton) ...	29.94	74	NNE	2	b	30.10	+ .14	61	60	- 4	NE	3	og	#	bc, b, o	5.3	83	61	-		
	Oxford ...	30.00	67	N	1	b	30.13	+ .16	57	57	- 9	NNE	2	o	#	c, bm	#	75	57	-		
	Cambridge ...	29.98	68	N	3	c	30.12	+ .14	59	59	- 5	N	2	ag	#	c	5.7	74	57	-		
	Yarmouth ...	29.93	65	N	4	c	30.08	+ .11	61	59	- 3	N	4	c	4	b, c	#	68	59	-		
PENIN- SULA.	Cuxhaven ...	29.95	77	Z	0	b	29.93	-.08	73	69	+ 6	WSW	1	b	#	b	#	82	67	-		
	Berlin ...	30.00	80	SE	2	b	29.99	-.10	74	67	+ 2	SE	2	b	#	b	#	90	70	-		
	Wiesbaden ...	#	#	#	#	#	30.03	+ .01	68	66	- 3	Z	0	b	#	#	#	86	63	-		
	Munich ...	30.10	70	Z	0	b	30.15	+ .04	70	65	+ 2	SW	2	b	#	b	#	82	61	-		
	The Helder ...	29.91	69	NNE	1	b	29.97	+ .02	67	65	- 6	NE	2	r	2	b	#	77	64	-		
	Brussels ...	#	#	#	#	#	30.03	+ .07	62	61	- 16	WSW	2	f	#	b	#	90	60	-		
	Cape Gris Nez ...	#	66	E	1	m	?	?	63	61	0	NE	4	m	3	m	#	70	59	-		
	Paris ...	29.94	81	WSW	2	b	30.05	+ .11	69	65	- 2	NE	1	b	#	b	#	86	63	-		
	Brest ...	29.96	74	N	2	b	29.99	+ .06	66	61	+ 5	ENE	2	c	2	b	#	75	61	-		
	Lorient ...	29.96	73	W	1	m	30.00	+ .05	65	64	- 1	ENE	1	m	1	m	#	88	63	-		
FRANCE & BELGIUM.	Rochefort ...	29.96	68	NW	3	bc	29.96	.00	67	66	- 1	ENE	2	b	#	o, bc	#	77	64	-		
	Belfort ...	29.97	79	SSW	1	b	30.06	+ .04	68	63	+ 1	Z	0	f	#	b	#	88	59	-		
	Lyons ...	29.94	87	SE	1	b	30.04	+ .04	72	66	+ 2	SSE	1	b	#	b	#	94	65	-		
	Nice ...	30.02	80	SW	1	b	30.04	+ .04	77	67	0	Z	0	b	0	b	#	88	70	-		
	Perpignan ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
	Biarritz ...	29.90	72	NNE	4	b	29.95	-.03	69	68	+ 1	E	2	o	2	b	#	82	68	-		
PENIN- SULA.	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
	Lisbon ...	29.93	70	Z	0	b	29.96	-.02	68	65	- 3	SW	2	o	#	b	#	81	64	-		
	Azores (P. Delgada)	30.13	67	N	2	b	30.12	+ .06	69	60	+ 1	NW	1	b	2	b	#	73	65	-		

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 5.9 hrs;

WEATHER CHARTS

FOR Wednesday, 17th August, 1898

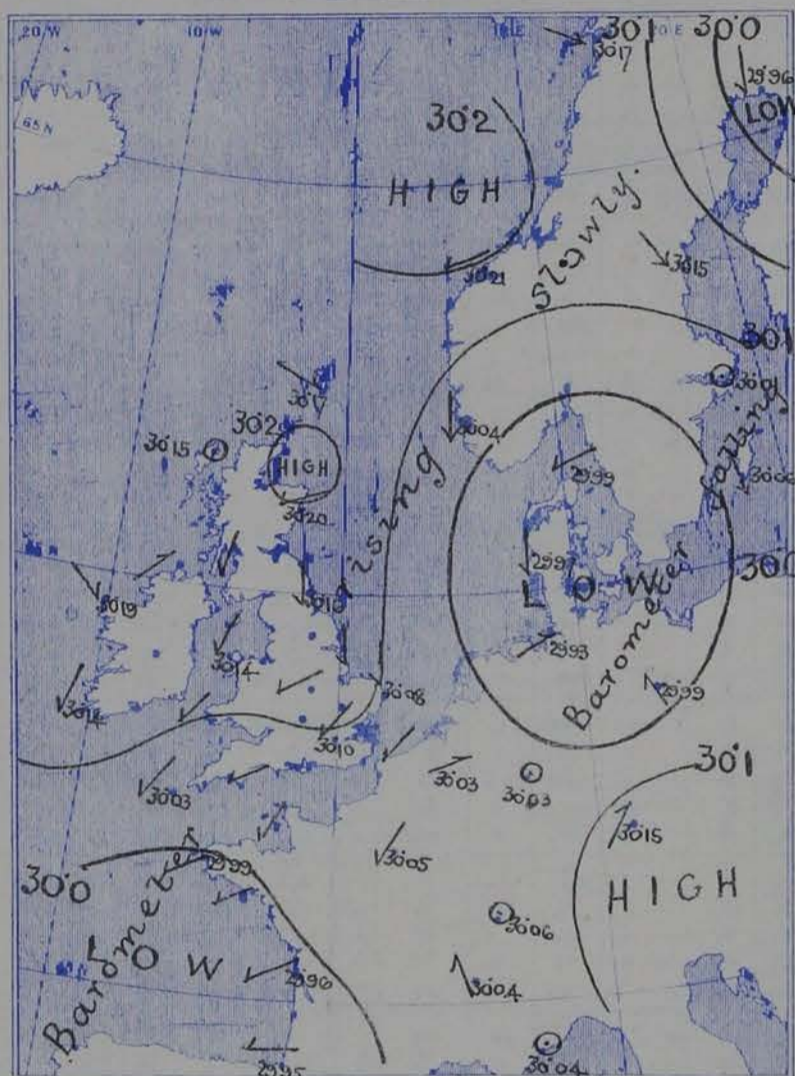
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ≡≡≡ ; High ≡≡≡

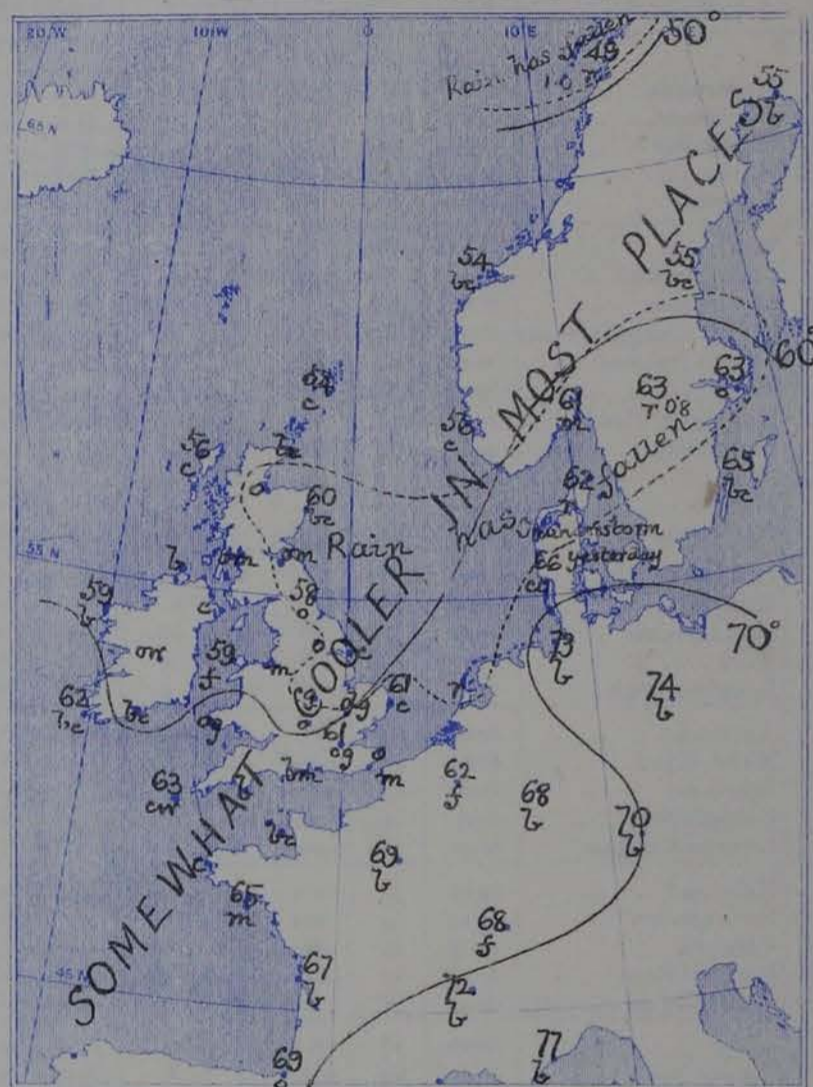


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.66	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.0*	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881—95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	<i>Highest</i> 30.2 ins. to 30.1 ins. over the W ^m and N ^m parts of our Islands, and the whole of Norway, as well as the N. of Italy. <i>Lowest</i> About 29.9 ins. in a shallow depression over the Sound and Denmark, and rather below 30.0 ins. over the Bay of Biscay. <i>Gradients</i> very slight over the British Islands and France. <i>Barometer</i> rising at all our own stations.
TEMPERATURE	<i>Highest</i> 77° at Nice, 74° at Berlin, 72° at Lyons, 70° at Munich, 68° to 63° at the English Channel stations. <i>Lowest</i> Below 60° in many parts of our Islands and Norway, and as low as 49° at Bodo, 54° at Christiansund and Sumbrogh N ^h , 57° at Oxford. The highest of the maxima recorded yesterday were 83° in London, 78° at Jersey and Hurst Castle, 75° at Oxford and York, 86° at Paris, 90° at Berlin, 94° at Lyons.
WIND	Calm in Scotland; very light and variable from the N th over Ireland, light to moderate from N. and N.E. over England, the Channel and the North Sea, very light indeed, and variable over France.
WEATHER	(1) Fine over Norway, the British Islands, France and Germany, but hazy at many of the British Stations, (2) very rainy over Denmark and the S ^m parts of Scandinavia. Large quantities of rain have fallen over some parts of Norway, and small quantities in the N. and N.E. of our Islands. Bright Sunshine recorded yesterday was great in the Hebrides, many parts of Ireland and the S.E. of England, elsewhere it was comparatively slight and at Aberdeen there was none.
SEA	Little disturbed; in the north it was very smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine dry weather is probable in most places, but with more cloud and haze than of late.

FORECASTS

For the 24 hours ending at NOON on 18TH AUGUST 1898

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Light and variable airs, fair generally.
Same as No. 4.
Same as No. 5.
Light Nth airs, fine, warm, hazy at times.
NEth breezes, light, fine, very warm.

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

Same as No. 0 & 1.
Same as No. 4.
Same as No. 5.
Very light Nth airs, fine generally.
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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.07	64	59	N	4	c	2	Valencia	30.13	64	58	NW	3	bc	4
Sumburgh Head	30.11	59	56	S	1	b	2	Scilly	30.00	64	62	N	4	c	2
Stornoway	30.06	65	59	SSE	3	bc	3	Jersey	29.97	77	69	WNW	2	b	2
Aberdeen	30.09	55	54	NE	1	org	1	Hurst Castle	29.93	78	73	WSW	2	bm	1
Shields	30.04	60	59	NE	2	bc	2	Dungeness	29.90	69	65	ENE	3	b	2
Ardrossan	30.03	66	60	W	2	cm	1	North Foreland	29.93	65	63	ENE	2	c	2
Malin Head	30.06	62	59	NNW	1	b	0	London (Westminster)	29.97	80	72	NE	1	bc	#
Belmullet	30.12	63	59	W	1	b	#	Yarmouth	29.95	68	64	NE	3	b	3
Holyhead	30.05	62	60	NNW	2	c	1	Rocheport	29.99	74	72	SW	2	o	#

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

Weather in morning fine in most places, but rather unsettled over the S.E. of England, mist in many places, and slightly rainy and thundery on the N.W. coast of Gt. Britain; very heavy rain falling later in some parts of Scandinavia, and smaller quantities in Scotland and the N.E. of England, but conditions continuing fine at all the more W. and S. stations.

Temperature fallen somewhat in many parts of England. Morning readings highest 79° to 70° over the Mediterranean and the extreme S.E. of Europe and 78° (locally) at Brussels, 72° at Berlin, 71° at Swinemunde, Wiesbaden and Paris, 68° at Hurst Castle, 66° at Oxford. Lowest (1) 55° in the N.W. of Norway, at Wick and Stornoway, 56° at Aberdeen and Shields; (2) 67° to 59° over central Russia. Rising later to 75° at York and Oxford, 83° in London, 86° at Paris, 90° at Brussels and Berlin, and 94° at Lyons.

Wind (1) Light and very variable over Ireland, Scotland and the W. of Norway, and light and anticyclonic over the western and central parts of Russia; (2) light to moderate from the N.E. over the South of England, but from the S. over France, and from the S.E. over the eastern shores of the North Sea. Becoming more N. over Ireland later, and freshening slightly.

Barometer highest (1) 30.3 ins. to 30.1 ins. in an anticyclone covering the greater part of Austria and E. Germany; (2) and exceeding 30.1 ins. in other high pressure systems lying off the W. of Ireland and the W. of Norway. Lowest below 29.9 ins. over the N. of France, and rather less low all over France, the Netherlands and the S. of England. The low pressure area referred to moving E. later, and barometer rising over Ireland and Scotland.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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* 18th August, 1898.

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dir.	Force (0 to 12.)		Max.	Min.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
	Hernösand ...	30.16	46	2	0	b	30.26	+ .30	51	47	- 4	2	0	b	#	b	#	61	43	-	
	Stockholm ...	30.18	51	2	0	b	30.30	+ .15	52	48	- 3	N	2	b	#	b	#	61	50	-	
	Wisby ...	30.02	52	N	6	r	30.20	+ .19	55	51	- 8	N	6	c	#	r	#	64	50	0.24	
	Karlstad ...	29.96	66	WNW	4	c	30.13	+ .07	56	53	- 9	NE	6	o	#	c	#	77	56	0.04	
		30.12	51	NE	4	r	30.30	+ .30	51	48	- 12	NE	2	b	#	r	#	#	#	0.98	
	Bodo ...	30.30	51	WNW	4	bc	30.26	+ .09	49	47	0	E	4	b	1	bc	#	54	43	-	
	Christiansund ...	30.19	57	ENE	2	b	30.24	+ .03	55	52	+ 1	WSW	1	bc	1	b	#	59	50	-	
	Skudesnaes ...	30.15	55	N	6	b	30.26	+ .22	55	52	- 1	N	4	b	2	b	#	61	48	#	
	Færder (Christiania Fjord)	30.14	57	NNE	5	b	30.31	+ .33	54	51	- 7	NE	2	b	2	b	#	61	54	0.98	
BRITISH ISLANDS.	Skagen (The Scaw)	30.14	57	NNE	3	o	30.27	+ .28	57	54	- 5	ENE	2	bc	0	o	#	68	55	0.04	
	Fano ...	30.12	59	N	2	b	30.23	+ .26	57	55	- 9	NE	2	o	#	b	#	72	55	-	
	Sumburgh Head	30.20	57	WNW	1	b	30.21	+ .04	55	53	+ 1	S	2	o	3	b	#	60	47	-	
	Stornoway ...	30.17	64	2	0	o	30.21	+ .06	55	54	- 1	2	0	c	0	b, o	#	64	47	-	
	Wick ...	30.22	58	S	1	bc	30.22	+ .01	58	55	+ 3	2	0	b	0	bc	#	63	46	-	
	Nairn ...	30.17	63	E	1	b	30.23	+ .04	55	54	- 3	2	2	bcw	1	bcw	#	65	43	-	
	Aberdeen ...	30.23	57	SSE	1	b	30.27	+ .07	58	55	- 2	S	2	bcw	1	b	#	62	50	-	
	Leith ...	30.20	60	E	1	bc	30.23	+ .05	56	54	- 1	E	1	om	#	bc	#	61	48	-	
	Shields ...	30.23	59	NE	2	b	30.27	+ .11	55	54	- 3	SE	1	c	2	b, f	#	63	50	-	
	Spurn Head ...	30.19	59	NE	4	b	30.24	+ .11	60	58	+ 1	ENE	4	b	3	b, w	#	64	56	-	
GERMANY & HOLLAND.	York ...	30.19	65	NNE	1	c	30.26	+ .10	57	56	- 2	ENE	1	bcw	#	c	#	72	49	-	
	Loughborough ...	30.16	69	ESE	2	b	30.23	+ .08	56	55	- 3	NE	2	cmw	#	o, c, b, of	#	74	53	-	
	Ardrossan ...	30.15	63	NNE	2	bm	30.21	+ .05	56	54	- 4	NE	4	af	2	bm	#	67	53	0.01	
	Malin Head ...	30.17	60	E	2	b	30.17	+ .01	58	57	0	E	3	om	1	b	#	63	56	-	
	Belmullet ...	30.17	62	NE	2	b	30.13	- .06	60	58	+ 1	NE	3	o	#	bc, b	#	64	57	-	
	Donaghadee ...	30.16	61	NNW	3	b	30.20	+ .03	59	57	+ 1	E	3	c	1	b	#	68	55	-	
	Liverpool (Bidston)	30.13	69	ESE	1	b	30.20	+ .05	57	52	- 2	ESE	2	b	2	bm	#	71	52	-	
	Holyhead ...	30.11	61	N	1	c	30.13	- .01	59	57	0	E	1	om	1	m, c	#	62	56	-	
	Parsonstown ...	30.12	70	E	1	o	30.07	- .10	60	59	+ 7	2	0	o	#	b, o, bl	#	72	52	0.46	
	Valencia ...	30.07	67	ENE	2	b	29.96	- .18	67	63	+ 5	E	5	om	4	b, blr	#	70	54	0.27	
FRANCE & BELGIUM.	Roche's Point ...	30.09	67	NNW	2	b	29.98	- .17	63	63	+ 5	ESE	3	blr	3	b	#	68	58	0.75	
	Pembroke (St. Ann's Hd.)	30.07	70	E	2	b	30.04	- .06	63	60	- 1	E	5	c	3	b	#	81	72	0.05	
	Scilly ...	30.00	66	ENE	4	c	29.90	- .13	62	62	- 1	E	5	f	3	c, bl	#	70	59	0.01	
	Prawle Point ...	30.00	64	ENE	4	bc	29.98	- .08	61	61	- 6	ENE	6	of	5	bc, of	#	70	59	-	
	Jersey (St. Aubin's)	30.02	73	E	3	bm	29.95	- .09	68	65	0	ENE	5	bm	4	bmw	#	79	64	-	
	Hurst Castle ...	30.08	71	E	1	bm	30.06	- .02	65	62	- 3	E	4	om	2	bm	#	76	63	-	
	Dungeness ...	30.09	64	ENE	5	b	30.12	+ .06	66	63	- 1	ENE	4	b	3	b	#	72	60	-	
	North Foreland	30.14	61	NE	5	? o	30.17	+ .09	64	62	+ 1	NE	4	c	4	bc, o	#	64	59	-	
	London (Brixton) ...	30.12	72	E	2	b	30.14	+ .04	65	62	+ 4	E	3	b	#	o, bc, b	#	78	57	-	
	Oxford ...	30.15	65	NE	2	b	30.16	+ .03	59	57	+ 2	NE	2	o	#	b, cp	#	74	52	-	
PENIN- SULA.	Cambridge ...	30.15	70	NNE	1	b	30.20	+ .08	60	58	+ 1	NNE	2	bcw	#	b	#	75	50	-	
	Yarmouth ...	30.14	63	NNE	3	b	30.20	+ .12	62	59	+ 1	NE	4	b	4	b	#	65	58	-	
	Cuxhaven ...	30.04	68	NNW	3	bc	30.17	+ .24	62	60	- 11	NNE	2	c	#	bc	#	77	61	-	
	Berlin ...	29.96	84	2	0	b	30.10	+ .11	67	64	- 7	NNW	3	o	#	b	#	91	66	-	
	Wiesbaden ...	#	#	#	#	#	30.10	+ .07	73	69	+ 5	NNW	1	b	#	#	#	90	68	-	
	Munich ...	30.13	72	SW	1	b	30.17	+ .02	71	65	+ 1	W	2	b	#	b	#	82	63	-	
	The Helder ...	30.10	63	NNE	3	b	30.18	+ .21	63	60	- 4	ENE	2	b	2	b	#	68	54	0.04	
	Brussels ...	#	#	#	#	#	30.14	+ .11	63	61	+ 1	NNE	1	o	#	o	#	70	60	-	
	Cape Gris Nez ...	?	60	E	4	m	?	?	63	61	0	E	3	m	3	m	#	64	59	-	
	Paris ...	30.04	81	NNE	2	b	30.08	+ .03	68	66	- 1	NE	2	m	#	b	#	87	65	-	
GERMANY & HOLLAND.	Brest ...	29.97	72	N	1	o	29.91	- .08	68	66	+ 2	NE	1	o	1	o	#	86	64	-	
	Lorient ...	29.91	77	2	0	bc	29.88	- .12	73	68	+ 8	SE	2	bc	2	bc	#	88	48	-	
	Rochefort ...	29.90	75	NW	3	b	29.89	- .07	71	70	+ 4	ESE	3	b	#	b	#	?	?	-	
	Belfort ...	30.02	88	W	1	c	30.04	- .02	72	66	+ 4	ENE	3	m	#	c	#	90	59	-	
	Lyons ...	29.97	89	N	1	b	30.02	- .02	73	66	+ 1	SE	1	b	#	b	#	96	66	-	
	Nice ...	30.01	77	SW	2	b	30.02	- .02	78	67	+ 1	E	1	b	0	b	#	88	68	-	
	Perpignan ...	29.99	74	NE	1	b	30.03	- .08	71	69	?	2	0	o	#	b	#	83	68	-	
	Biarritz ...	29.83	93	E	3	b	29.87	- .08	72	70	+ 3	W	5	o	2	b, l	#	97	69	-	
	Corunna ...	#	#	#	#	#	30.08	+ .12	68	63	0	WSW	3	b	#	bc	#	75	63	-	
	Lisbon ...	30.01	68	SW	3	bc	30.08	+ .12	68	63	0	WSW	3	b	#	bc	#	75	63	-	
PENIN- SULA.	Azores (P. Delgada)	30.05	71	WSW	4	c	29.98	- .14	71	67	+ 2	NNW	1	bc	3	c	#	75	69	0.04	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

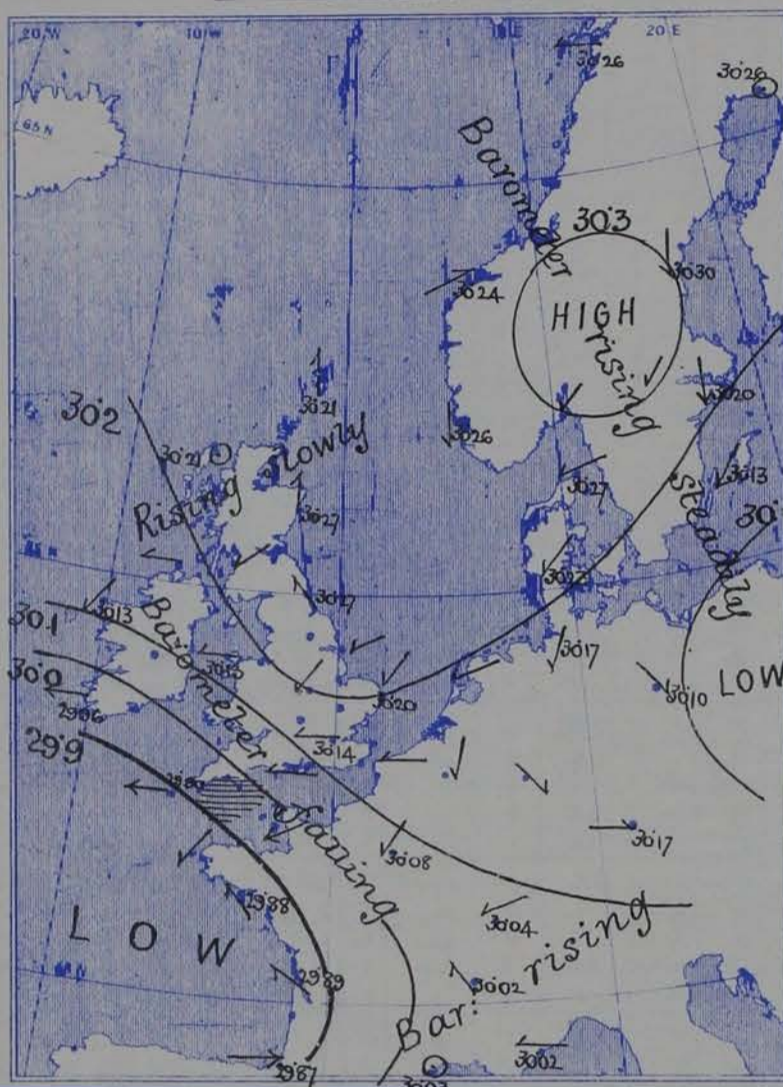
Bright Sunshine yesterday Southport 3.5 hrs;

FOR Thursday, 18th August, 1898

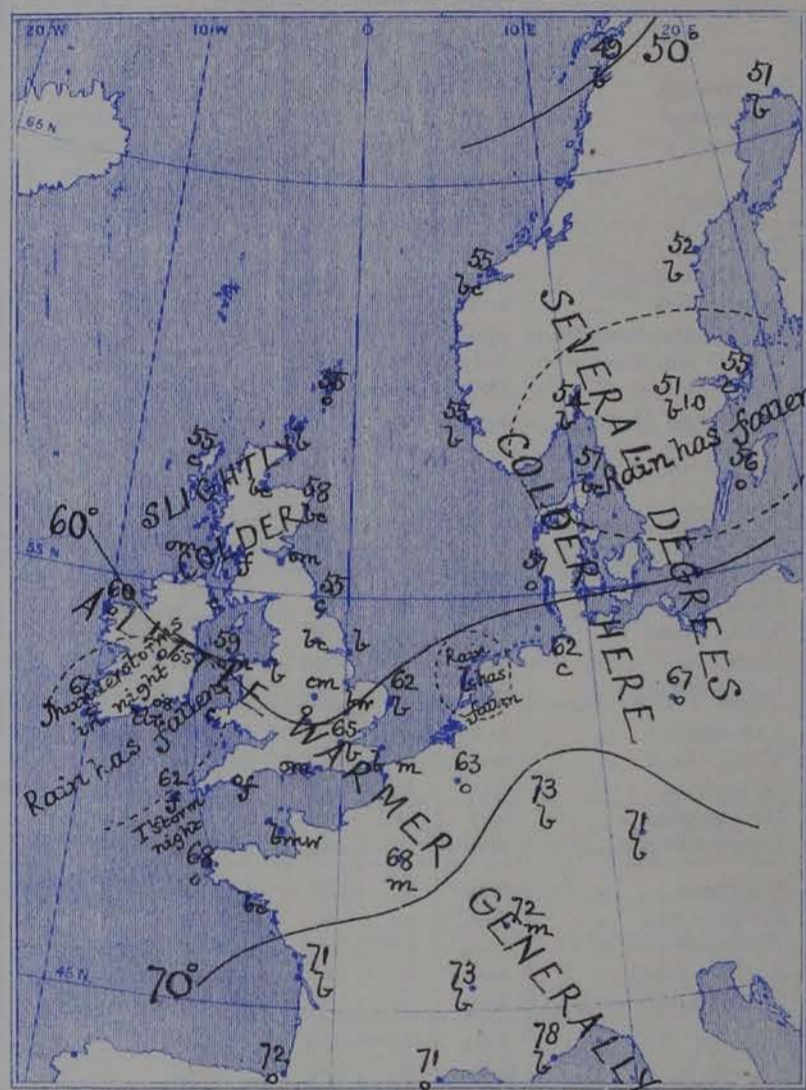
BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.

Force above 10		;	Force 5 to 7		;	} Calm ☉
Force 8 to 10		;	Force 1 to 4		;	

SEA—Rough  : High 



TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—{ A dotted line separates areas where rain has fallen from those
without rain. The fall in past 24 hours when exceeding half
an inch is shown thus—0.6.



STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of day				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·767	53·4	51·8	57·7	48·5	69	1880	38	1885, 95	3·44	—	—
Stornoway	29·782	55·0	53·5	59·8	49·1	74	1876	33	1888	3·77	117·4	25
Wick	29·798	55·3	53·4	61·2	48·6	85	1893	30	1886	2·68	—	—
Nairn	29·803	55·7	53·0	63·6	50·1	81	1887	33	1885, 91	2·80	—	—
Aberdeen	29·819	56·6	53·5	63·1	50·2	81	1880, 82	33	1885	3·15	151·1	33
Leith	29·835	57·6	54·4	65·8	51·3	85	1893	37	1874	2·74	—	—
Shields	29·858	57·3	54·6	63·9	51·7	83	1893	39	1892	2·86	—	—
Spurn Head	29·894	58·9	56·6	64·4	54·9	87	1893	46*	1887, 90	1·84	—	—
York	29·895	57·8	55·1	67·8	51·4	89	1876	37	1887	2·62	145·1	32
Loughborough	29·923	59·2	56·3	70·3	52·0	91*	1893	38*	1885, 87, 88	2·50	—	—
Ardrossan	29·843	57·3	55·0	63·4	52·8	84	1872	38	1881	3·91	—	—
Malin Head	29·830	56·1	53·9	61·7	54·0	—	—	—	—	—	—	—
Belmullet	29·867	57·8	55·2	62·5	54·1	—	—	—	—	4·62	—	—
Donaghadee	29·869	56·9	55·4	62·5	52·6	77	1890	38	1886	3·27	—	—
Holyhead	29·898	58·4	56·2	64·0	54·7	83	1893	45	1888	2·98	—	—
Liverpool	29·898	58·6	55·3	65·6	54·3	85	1876, 84, 93	44	1885	2·87	—	—
Parsonstown	29·908	57·2	55·1	65·7	51·5	82	1893	35	1885, 87	3·67	131·0	29
Valencia	29·921	59·3	56·9	64·4	54·2	80	1893	42	1890	4·85	146·0	33
Roche's Point	29·921	58·8	56·3	65·7	53·9	80	1880	44	1883	4·03	—	—
Pembroke	29·923	58·6	56·6	63·0	55·6	78	1874	47	1885, 88	2·88	188·8	42
Scilly	29·958	60·9	58·8	64·9	56·9	75	1893	50	1885, 90, 95	2·54	—	—
Prawle Point	29·968	60·0	57·9	65·1	54·5	82*	1887	43*	1888	2·24	—	—
Jersey	29·987	63·0	59·7	68·8	57·2	89	1893	45	1890	2·44	241·2	55
Hurst Castle	29·962	61·2	59·0	68·1	56·0	82	1876, 93	43	1877	2·37	—	—
Dover	29·945	61·9	58·7	67·3	56·6	80	1887, 94	39	1890	2·07	—	—
LONDON	29·951	60·9	57·3	71·6	53·5	96	1876	39	1887, 90	2·36	160·9†	36†
Oxford	29·944	58·8	55·9	69·1	53·0	90	1876	39	1892	2·32	182·9	41
Cambridge	29·933	59·9	57·1	71·1	51·9	95	1876	39	1876, 77, 81, 90	2·39	180·5	40
Yarmouth	29·920	60·5	57·5	66·3								

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 in. over the central part of Scandinavia, and exceeding 30.2 in. over the N. half of our Islands generally.
 Lowest 29.9 in. and less over the Bay of Biscay and west of France.
 Gradients very slight in the north, moderate over the southwestern regions.
 Barometer falling at the SW^m stations, rising slightly in the N. and NE.

TEMPERATURE

Highest 78° to 70° in the S. of France, 68° at Paris and Jersey, 67° at Berlin, 65° in London.
 Lowest 49° at Bodo, 55° in the W. of Norway the N. of Scotland and at Shields.
 The maxima recorded yesterday were 72° at York, Parsonstown and Pembroke, 74° at Oxford and Cambridge, 78° in London, 87° at Paris, 91° at Berlin, 96° at Lyons, 97° at Biarritz.

WIND

Very light and anticyclonic over all the northern parts of our area, E² and NE² at the southern stations, and blowing strongly at Prule Point, fresh at Jersey.

WEATHER

Fine as a whole, and in most places clear, a great deal of cloud, however, is prevalent at our southwestern stations, and a thunderstorm at Roche's Point.
 A considerable fall of rain has occurred in Ireland, and a very similar fall in Sweden and Denmark. Thunderstorms have been pretty general over Ireland and at Sally during the night. Bright Sunshine yesterday was very considerable over Ireland and on the SE^m coasts of England, as well as at Aberdeen, but was only moderate elsewhere.

SEA

Moderate in the Channel, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine warm weather is still probable in England, but with an increase of cloud at our southern stations tomorrow or tonight.

FORECASTS

For the 24 hours ending at NOON on 19TH AUGUST 1898.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Calms and variable airs, fine generally, hazy in places.
 Same as No. 4.
 Same as No. 5.
 NE⁴ breezes, light to moderate, fair.
 E² breezes fresh, fine, but probably an increase of cloud later.

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

Same as Nos. 0 and 1.
 Same as No. 4.
 E² winds, strong, gusty, cloudy.
 E² breezes, freshening, fine, but cloudy in places.
 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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.09	60	55	N	6	7	0	Valencia ...	30.12	69	60	NE	2	7	2
Sumburgh Head ...	30.20	58	55	WNW	1	7	1	Scilly ...	30.02	69	64	ENE	4	c	1
Stornoway ...	30.15	62	58	SE	2	7	2	Jersey ...	30.04	76	71	ENE	2	bc	2
Aberdeen ...	30.23	61	57	SE	2	7	2	Hurst Castle ...	30.08	76	72	ENE	1	bm	1
Shields ...	30.21	62	59	NE	2	7	2	Dungeness ...	30.09	69	64	NE	2	7	1
Ardrossan ...	30.16	66	65	NNE	1	bm	1	North Foreland ...	30.14	64	62	N	4	bc	3
Malin Head ...	30.17	63	61	E	2	7	1	London (Westminster) ...	30.13	72	65	NE	2	7	#
Belmullet ...	30.23	62	55	N	1	bc	#	Yarmouth ...	30.13	64	60	N	3	7	3
Holyhead ...	30.14	61	60	N	2	m	1	Rocheport ...	29.94	85	81	NW	2	7	#

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

Weather in morning fine and bright over the greater part of the Continent, and in many of the W^m parts of our Islands, dull and misty, however, over England; rainy in many parts of Scandinavia, Denmark and Holland, with thunder at Paris. Considerable rain, thunder and lightning later over the W^m parts of the British Islands, and heavy rain over the S^m parts of Sweden and Norway.

Temperature fallen considerably over Belgium and to a smaller extent over England. Morning readings ranging from 70° to 80° on the Mediterranean and Adriatic coasts, and from 60° to 70° over almost the whole of the Continent and the extreme S. of England. Lowest 49° at Bodø, 54° at Christiansund and Sumburgh H^d, and below 60° over the greater part of England and Ireland. Rising later to 74° at Loughborough, 78° in London, and 79° at Jersey, and to 87° at Paris, 90° at Belfast, 91° at Berlin and 96° at Lyons.

Wind, (1) very light and mainly anticyclonic over the western and northern parts of the United Kingdom, but N^W to NE^W over the Channel and south and east of England; N^W and fresh, over the North Sea, and NW^W, and strong over the north of Scandinavia, (2) very light and anticyclonic from SE over central Europe, from W. at Moscow, and from NE at Kharkov and Kiev. Freshening somewhat from the E^W over the English Channel at night.

Barometer highest 30.2 ins. and more to 30.1 ins. (1) in an anticyclone over Russia and central Europe, and (2) in another over the British Islands and Norway. Lowest 30.0 ins. and less to 29.9 ins. in four very shallow depressions, one over SE^m and another over SW^m Europe, and third over Denmark and neighbouring countries, and a fourth over the N. of Russia. Falling somewhat over the Bay of Biscay and our S. coasts later, rising over Scotland and the North Sea.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 19th August,

1898.

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.	TEMPERATURE.	WIND.									TEMP.		
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30.17	48	W	2	c	30.02	-0.24	54	46	+ 3	S	6	c	5	c	5	61	39	-
	Hernösand ...	30.24	53	SW	4	b	30.13	-0.17	55	51	+ 3	Z	0	r	5	b	5	63	41	-
	Stockholm ...	30.28	50	N	2	b	30.25	+0.05	55	51	0	W	2	b	5	b	5	61	48	-
	Wibby ...	30.26	53	N	4	b	30.27	+0.14	55	49	- 1	N	2	b	5	b	5	57	50	-
	Karlstad ...	30.26	56	S	1	b	30.25	-0.05	57	51	+ 6	SW	2	b	5	b	5	5	5	-
	Bodö ...	30.10	54	SW	6	c	29.87	-0.39	51	49	+ 2	SW	6	r	3	c	5	55	46	0.24
	Christiansund ...	30.25	53	Z	0	b	30.22	-0.02	52	50	- 3	WNW	8	r	4	b	5	55	52	0.12
	Skudesnaes ...	30.33	55	NNE	2	b	30.33	+0.07	55	53	0	Z	0	b	1	b	5	61	48	#
	Færder (Christiania Fjord)	30.26	59	WSW	1	c	30.25	-0.06	58	56	+ 4	NNE	1	b	1	c	5	59	54	-
	Skagen (The Seaw)	30.30	57	N	1	b	30.29	+0.02	59	56	+ 2	W	2	b	0	b	5	72	50	-
BRITISH ISLANDS.	Fanö ...	30.27	60	S	1	b	30.31	+0.02	57	56	0	NW	2	b	5	b	5	73	52	-
	Sumburgh Head	30.22	56	W	1	b	30.29	+0.08	54	53	- 1	Z	0	f	2	c, b	5	60	47	-
	Stornoway ...	30.23	61	Z	0	c	30.23	+0.02	56	55	+ 1	ESE	3	c	3	c	28	62	49	-
	Wick ...	30.25	58	S	1	b	30.28	+0.06	55	54	- 3	NE	1	f	0	b	5	66	46	-
	Nairn ...	30.22	60	NE	1	m	30.27	+0.04	56	55	+ 1	E	1	m	1	m	5	69	50	-
	Aberdeen ...	30.25	58	S	2	c	30.29	+0.02	57	56	- 1	S	2	og	1	c	3.7	62	49	-
	Leith ...	30.18	60	E	2	o	30.24	+0.01	59	56	+ 3	NE	1	c	5	o	5	63	53	-
	Shields ...	30.24	59	E	3	o	30.28	+0.01	58	56	+ 3	SSE	3	op	2	c, o	5	63	54	-
	Spurn Head ...	30.22	58	ENE	4	c	30.17	-0.07	60	58	0	NE	4	o	4	c	5	63	57	-
	York ...	30.22	64	ENE	1	o	30.22	-0.04	58	56	+ 1	ESE	1	o	5	b, c, o	4.2	70	53	-
GERMANY & HOLLAND.	Loughborough ...	30.16	65	NE	2	c	30.14	-0.09	60	58	+ 4	ENE	2	ogm	5	b, c, op	5	73	55	0.02
	Ardrossan ...	30.14	66	NNE	3	of	30.17	-0.04	59	56	+ 3	NE	4	of	2	of	5	69	55	-
	Malin Head ...	30.13	59	E	2	om	30.11	-0.06	58	57	0	E	4	om	3	om	5	62	57	-
	Belmullet ...	30.13	60	NE	3	om	30.01	-0.12	60	58	0	ESE	2	b	5	o, om	5	63	58	0.26
	Donaghadee ...	30.13	61	ENE	3	c	30.15	-0.05	58	55	- 1	E	4	o	2	c	5	61	57	-
	Liverpool (Bidston)	30.13	65	ESE	4	o	30.11	-0.09	61	55	+ 4	ENE	4	b	2	m, op	5	67	55	0.02
	Holyhead ...	30.01	63	NE	3	c	30.04	-0.09	59	56	0	E	5	cp	3	rgm, c	5	63	56	0.23
	Parsonstown ...	30.04	65	Z	0	o	30.02	-0.05	62	60	+ 2	SE	1	o	5	or	0.9	69	58	0.48
	Valencia ...	29.93	65	ENE	2	r	29.88	-0.08	68	63	+ 1	E	3	b	2	o, r, b	0.8	73	63	0.27
	Roche's Point ...	29.97	64	ESE	5	o	?	?	62	60	- 1	ESE	6	o	4	r, o	5	65	60	0.50
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.89	63	E	6	r	30.00	-0.04	61	59	- 2	SE	4	og	3	ctr	0.1	64	57	0.88
	Scilly ...	29.91	65	E	5	c	29.96	+0.06	61	65	+ 5	S	2	c	1	c, z	0.1	67	61	0.08
	Prawle Point ...	29.93	64	NE	6	c	30.02	+0.04	62	60	+ 1	ENE	2	o	4	eq, flr	5	65	60	1.05
	Jersey (St. Aubin's)	29.90	77	NNW	4	o	30.06	+0.11	65	63	- 3	WSW	2	om	3	og, flr	5	83	63	0.01
	Hurst Castle ...	30.01	72	NE	2	ctb	30.02	-0.04	71	67	+ 6	SE	2	bom	2	bom, flr	5	76	62	0.41
	Dungeness ...	30.00	65	ENE	5	b	30.02	-0.10	65	63	- 1	NE	5	c	3	b, flr	5	69	63	0.04
	North Foreland	30.07	63	NE	5	b	30.09	-0.08	64	63	0	E	3	o	2	b	5	66	62	-
	London (Brixton)	30.08	70	E	3	b	30.06	-0.08	66	64	+ 1	E	3	og	5	b, o, flr	10.0	79	60	-
	Oxford ...	30.11	65	NE	2	o	30.06	-0.10	62	61	+ 3	NE	1	o	5	b, o, flr	5	77	57	-
	Cambridge ...	30.13	68	E	2	b	30.11	-0.09	66	64	+ 6	E	2	o	5	b	11.4	77	55	-
PENINSULA.	Yarmouth ...	30.15	62	ENE	5	b	30.14	-0.06	62	60	0	E	4	c	4	b	5	65	59	-
	Cuxhaven ...	30.19	64	NE	3	b	30.25	+0.08	59	57	- 3	E	4	b	5	b	5	68	57	-
	Berlin ...	30.18	67	NW	5	b	30.26	+0.16	61	57	- 6	ENE	4	o	5	b	5	82	57	-
	Wiesbaden ...	#	#	#	#	#	30.13	+0.03	71	69	- 2	Z	0	b	5	#	5	82	66	-
	Munich ...	30.14	71	Z	0	b	30.21	+0.04	66	64	- 5	SE	1	b	5	b	5	84	59	-
	The Helder ...	30.15	65	ENE	2	b	30.18	0.00	62	59	- 1	E	1	b	2	b	5	66	61	-
	Brussels ...	#	#	#	#	#	30.10	-0.04	63	63	0	ESE	1	f	5	b	5	78	61	-
	Cape Gris Nez ...	?	69	E	4	m	?	?	69	64	+ 6	SSW	3	m	2	m	5	70	61	-
	Paris ...	29.94	85	ENE	2	b	30.05	-0.03	72	64	+ 4	NNE	3	b	5	b	5	91	68	-
	Brest ...	29.93	68	N	2	b	30.03	+0.12	62	61	- 6	SW	2	c	2	b	5	77	59	0.12
GERMANY & HOLLAND.	Lorient ...	29.94	68	NNW	4	o	30.07	+0.19	65	64	- 8	W	3	b	2	o	5	88	61	0.04
	Rocheport ...	29.89	74	W	4	b	30.08	+0.19	67	66	- 4	WNW	4	o	5	b	5	93	63	-
	Belfort ...	29.98	72	NE	3	m	30.12	+0.08	67	67	- 5	NE	3	f	5	m	5	89	61	-
	Lyons ...	29.94	86	ENE	1	b	30.06	+0.04	72	63	- 1	E	1	b	5	b	5	95	65	-
	Nice ...	30.01	78	Z	0	c	30.05	+0.03	80	67	+ 2	Z	0	b	0	c	5	90	72	-
	Perpignan ...	29.97	75	NE	3	b	30.09	+0.06	70	67	- 1	W	2	b	5	b	5	79	64	-
	Biarritz ...	29.97	72	W	4	b	30.06	+0.19	69	66	- 3	SE	2	b	2	b	5	77	66	-
	Corunna ...	#	#	#	#	#	30.10	-0.04	63	63	0	ESE	1	f	5	b	5	78	61	-
	Lisbon ...	30.10	67	NNW	4	b	30.11	+0.03	68	63	0	NNE	2	b	5	b	5	75	63	-
	Azores (P. Delgada)	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport... 0.9 hrs;

WEATHER CHARTS

FOR Friday, 19th August, 1898

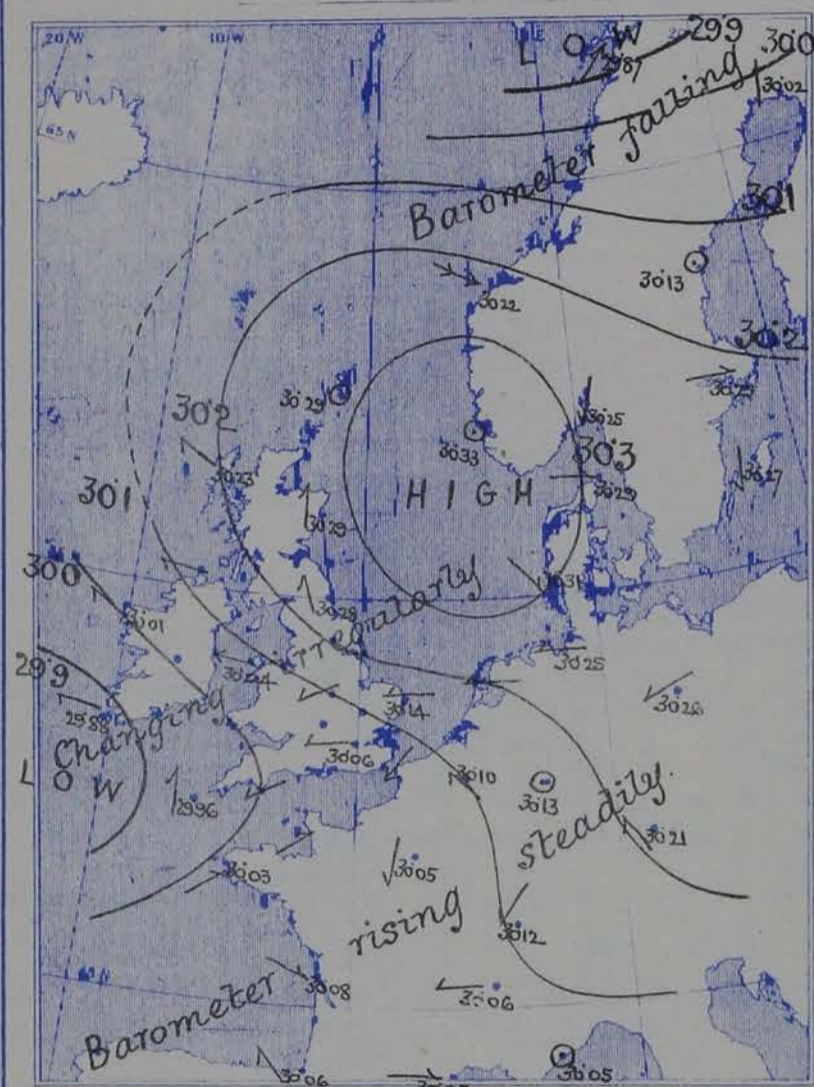
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough : High

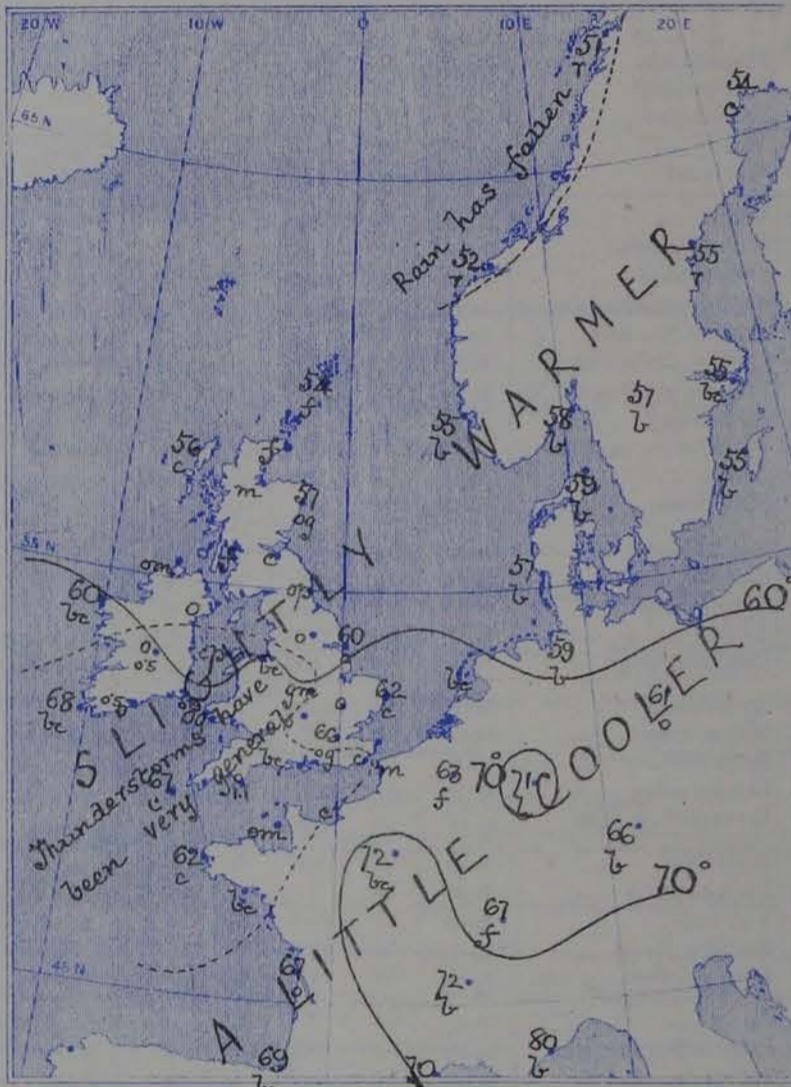


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866--95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Seilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	Highest 30.3 ins. and more over the North Sea, and exceeding 30 ins. almost all over Great Britain and Germany. Lowest 30.0 ins. to 29.9 ins. over the SW ^m parts of our Islands and the adjacent parts of the Atlantic. Gradients moderate in the W, slight elsewhere. Barometer rising decidedly over France, falling fast over the N. of Scandinavia, changing fitfully over our Islands.
TEMPERATURE	Highest 80° at Nice, 72° at Paris, 71° at Hurst Castle, and Wiesbaden, much above 60° over the southern half of England. Lowest 51° at Bodø, 54° at Sunnbjerg N., 55° at Stockholm, 59° at the Scaur and Cusclawen. The maxima recorded yesterday were 70° at York, 73° at Loughborough and Valenciennes (Ireland), 79° in London, 83° at Jersey, 82° at Berlin, 91° at Paris, 95° at Lyons.
WIND	(1) Moderate from the E ^m in the Channel, but from the W ^m in the west of France. (2) E ^{ly} to SE ^{ly} over England and Ireland as a whole, more S ^{ly} in some parts of Scotland, W ^{ly} to SW ^{ly} , strong to a gale, over the northwest of Norway. It had varied greatly in direction over our southern districts during the past 24 hrs.
WEATHER	Dull over many parts of Ireland, but fair as a whole, rainy in the NW. of Norway; fair over France and Germany, but foggy in places. Thunderstorms had been very general over Ireland and the SW ^m parts of England and Wales, and had just touched London last night. Bright Sunshine recorded yesterday ranged from 11 to 10 hrs. at several of our SE ^m stations but was much less in the W. and N. of our Islands, - only 0.1 hr. at Seilly and Pembroke.
SEA	Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather has again cleared up after the thunderstorms of yesterday, but is in a very unstable condition over our SW^m and S^m counties.

FORECASTS

For the 24 hours ending at NOON on 20TH AUGUST 1898

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

SE^{ly} to SW^{ly} winds, fair and close to rainy at times.

Same as No. 4.

Same as No. 5.

E^{ly} and SE^{ly} winds, very warm and close, probably thunder showers later.
E^{ly} breezes, fine and very warm, probably SW^{ly} later with thunder showers locally.

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

Same as Nos. 0 and 1.

Same as No. 4.

S^{ly} and SW^{ly} winds, unsettled, rain at times.

SE^{ly} and S^{ly} winds, changeable weather, rain and thunder in places.

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 ...	30.34	60	55	NW	2	b	2	Valencia ...	29.97	72	64	E	5	o	4
Sumburgh Head ...	30.20	60	58	SW	2	c	3	Scilly ...	29.91	65	63	E	5	mr	3
Stornoway ...	30.22	60	57	SSE	3	c	3	Jersey ...	29.92	79	72	WNW	3	c	3
Aberdeen ...	30.26	60	56	SSE	2	c	2	Hurst Castle ...	29.99	76	61	E	5	bcm	3
Shields ...	30.26	62	59	E	3	c	2	Dungeness ...	30.06	68	63	ENE	5	b	4
Ardrossan ...	30.19	69	65	NNE	3	of	1	North Foreland ...	30.14	66	63	NE	4	b	4
Malin Head ...	30.16	60	59	E	3	o	2	London (Westminster) ...	30.10	75	65	E	5	b	#
Belmullet ...	30.13	60	59	NE	3	o	#	Yarmouth ...	30.20	64	60	ENE	4	b	4
Holyhead ...	30.14	60	59	NE	1	rgm	0	Rochefort ...	29.90	82	79	NW	2	c	#

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

Weather in morning fine and bright over Scandinavia and the N^m and E^m parts of our Islands, as well as over SE^m and S^m Europe and the Mediterranean, dull and unsettled over the SW^m parts of the United Kingdom, with wet fog and mist at several stations, thunder and lightning at Roches Pt. Heavy rain later over Ireland, the SW. of England and S. Wales, smaller quantities over Brittany. A fresh fall setting in over the NW of Scandinavia.

Temperature changing irregularly. Morning readings still ranging from 70° to 80° over the Mediterranean, Adriatic and several parts of S^m Europe, and 73° at Wiesbaden, 72° at Breslau. Lowest 48° at Kuopio, and ranging from 49° to 58° over N^m Europe as a whole, 55° to 58° over Scotland and the N. of England. Changing irregularly later, but reaching 73° at Fano, Loughborough and Valencia, and touching 82° at Berlin, 91° at Paris, and 95° at Lyons.

Wind (1) light and anticyclonic over the greater part of Scandinavia, the North Sea and the N^m parts of Gt. Britain; (2) cyclonic from NE, N, and W over Finland, and blowing hard at Helsingfors; (3) cyclonic from SW and W over Spain, and from SE. and E. over Brittany and the southwestern parts of our Islands; (4) extremely light and variable over southeastern and southern Europe. Freshening considerably from the E. and NE. over the south of England later, and becoming rather variable in direction at times.

Barometer highest 30.3 ins. and more to 30.2 ins. in a large anticyclone covering Scandinavia, the North Sea, and the N^m and E^m parts of Gt. Britain. Lowest below 29.9 ins. over the N. of Russia, and also in a rather complex depression over the Bay of Biscay and the adjacent parts of the Atlantic. Small systems secondary to this last named disturbance being developed over the W^m and SW^m parts of 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 20th August, 1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.			Rainfall.		
		At 32° and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12.)				Max.	Min.				
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.			
SCANDINAVIA.	Haparanda ...	29.85	50	WNW	2	c	29.93	-.09	51	47	- 3	WNW	2	b	#	c	#	59	45	-		
	Hernösand ...	30.13	58	NW	4	b	30.15	+0.02	56	48	+ 1	NW	6	b	#	b	#	66	43	-		
	Stockholm ...	30.15	59	W	2	b	30.23	-.02	56	50	+ 1	WNW	4	b	#	b	#	68	43	-		
	Wisby ...																					
	Karlstad ...	30.17	60	WSW	2	b	30.28	+0.03	55	49	- 2	NE	4	b	#	b	#	#	#	-		
	Bodö ...	29.95	51	W	6	o	30.13	+0.26	50	47	- 1	W	4	c	3	o	#	54	48	0.43		
	Christiansund ...	30.32	53	WNW	3	c	30.33	+1.1	51	49	- 1	WNW	2	o	3	c	#	55	50	-		
	Skudesnaes ...	30.30	57	NNE	2	b	30.26	-.07	56	53	+ 1	ENE	2	b	1	b	#	61	50	#		
	Færder (Christiania Fjord)	30.19	61	WSW	1	c	30.28	+0.03	57	53	- 1	NE	3	b	2	c	#	64	55	-		
	Skagen (The Scaw)	30.24	56	W	1	bc	30.22	-.07	58	57	- 1	SE	1	m	0	bc	#	66	52	-		
BRITISH ISLANDS.	Fanö ...	30.27	60	NE	2	b	30.24	-.07	61	57	+ 4	ENE	2	c	#	b	#	75	57	-		
	Sumburgh Head	30.27	55	W	0	b	30.24	-.05	57	56	+ 3	ESE	1	c	2	bc, b	#	59	47	-		
	Stornoway ...	30.19	60	E	3	c	30.11	-.12	59	56	+ 3	SE	2	c	2	b, c	#	66	53	-		
	Wick ...	30.27	57	NE	1	o	30.22	-.06	57	55	+ 2	S	3	o	1	o	#	62	46	-		
	Nairn ...	30.23	57	W	0	o	30.17	-.10	58	56	+ 2	E	1	c	0	o	#	59	49	0.09		
	Aberdeen ...	30.27	57	SE	1	c	30.22	-.07	57	56	0	SE	2	o	2	o, c	#	61	52	-		
	Leith ...	30.20	59	E	3	o	30.16	-.08	58	57	- 1	ENE	1	o	#	o	#	62	55	0.05		
	Shields ...	30.20	59	E	2	op	30.14	-.14	58	58	0	E	3	o	3	p, o, r	#	62	56	0.02		
	Spurn Head ...	30.10	59	ENE	5	c	30.12	-.05	61	59	+ 1	ENE	1	o	3	c, l, w	#	64	58	-		
	York ...	30.15	62	ENE	2	o	30.13	-.09	60	59	+ 2	N	1	o	#	c, o	#	67	56	-		
GERMANY & HOLLAND.	Loughborough ...	30.06	67	E	2	c	30.14	-.00	60	59	0	NW	1	of	#	c, l, r, f	#	74	59	0.36		
	Ardrossan ...	30.12	60	NE	4	op	30.11	-.06	59	58	0	NE	3	om	1	f, op	#	64	56	0.07		
	Malin Head ...	30.07	58	SE	5	opm	30.04	-.07	59	59	+ 1	SE	3	om	1	bc, mp	#	61	57	0.03		
	Belmullet ...	30.04	62	ESE	2	c	29.96	-.05	65	62	+ 5	ESE	2	b	#	oc	#	69	58	0.02		
	Donaghadee ...	30.08	58	SE	4	p	30.10	-.05	58	58	0	ESE	4	m	2	p	#	60	56	0.15		
	Liverpool (Bidston)	30.05	66	E	2	o	30.11	-.00	64	59	+ 3	SE	1	b	2	g, l, p	#	69	59	0.22		
	Holyhead ...	30.07	62	W	0	o, g, mp	30.12	+0.08	62	61	+ 3	S	1	cmp	1	tp, g, mp	#	66	56	0.12		
	Parsonstown ...	29.99	65	E	2	bc	30.02	-.00	65	61	+ 3	SE	1	c	#	o, p	#	65	60	0.22		
	Valencia ...	29.84	67	ESE	5	c	29.99	+1.1	63	61	- 5	S	4	o	4	r, c	#	69	61	0.43		
	Roche's Point ...	29.97	63	SE	5	cm	30.06	?	63	63	+ 1	SSW	3	m	3	cm, p	#	65	60	0.10		
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	30.04	62	SW	3	o	30.10	+1.0	62	61	+ 1	S	4	og	3	c, o	#	65	60	-		
	Scilly ...	30.01	65	SSE	3	bc	30.07	+1.1	64	63	- 3	S	1	cw	1	c, bc	#	70	61	-		
	Prawle Point ...	30.11	61	NE	2	f	30.14	+1.2	62	61	0	WSW	1	c	1	cf	#	66	59	-		
	Jersey (St. Aubin's)	30.11	71	NE	2	bm	30.14	+0.8	72	66	+ 7	WNW	1	bm	1	b, bw	#	75	57	-		
	Hurst Castle ...	30.09	70	SW	1	bm	30.15	+1.3	65	64	- 6	ENE	1	cm	1	bm, l	#	72	59	-		
	Dungeness ...	30.07	66	SW	1	c	30.13	+1.1	68	63	+ 3	WNW	1	b	0	f, c, l	#	70	56	-		
	North Foreland	30.09	65	E	1	bc	30.13	+0.4	66	63	+ 2	W	2	bc	2	b, bc	#	68	60	-		
	London (Brixton) ...	30.05	77	SE	2	c	30.15	+0.9	64	61	- 2	W	2	b	#	bc, ol	#	84	57	-		
	Oxford ...	30.10	70	S	2	b	30.18	+1.2	62	60	0	WSW	2	o	#	b, o	#	82	57	-		
	Cambridge ...	30.07	72	ESE	3	b	30.14	+0.3	65	64	- 1	ESE	1	cw	#	b, pt	#	81	58	-		
GERMANY & HOLLAND.	Yarmouth ...	30.09	64	E	3	bc	30.09	-.05	63	62	+ 1	W	2	bcf	3	bc	#	65	58	-		
	Cuxhaven ...	30.20	66	E	2	b	30.17	-.08	58	57	- 1	ESE	3	b	#	b	#	68	55	-		
	Berlin ...	30.22	61	ESE	3	b	30.21	-.05	62	57	+ 1	ESE	3	b	#	b	#	72	55	-		
	Wiesbaden ...	#	#	#	#	#	30.13	-.00	74	66	+ 3	NE	2	c	#	#	#	84	64	-		
	Munich ...	30.21	69	SE	1	b	30.23	+0.2	68	63	+ 2	W	0	b	#	b	#	82	57	-		
	The Helder ...	30.11	69	ENE	2	bc	30.09	-.09	65	62	+ 3	E	1	b	2	bc	#	72	62	-		
	Brussels ...	#	#	#	#	#	30.12	+0.2	67	65	+ 4	WNW	1	b	#	bc	#	86	61	0.16		
	Cape Gris Nez ...	?	65	SW	2	m	?	?	65	62	- 4	SW	1	bc	1	m	#	82	59	-		
	Paris ...	30.07	78	N	4	bc	30.14	+0.9	68	63	- 4	NE	2	b	#	bc	#	89	64	-		
	Brest ...	30.09	65	SW	2	bc	30.11	+0.8	63	62	+ 1	ESE	1	o	1	bc	#	68	59	-		
FRANCE & BELGIUM.	Lorient ...	30.13	64	SW	1	b	30.11	+0.4	61	61	- 4	N	2	m	2	b	#	86	54	-		
	Rochefort ...	30.06	69	NW	4	b	30.05	-.03	67	66	0	ENE	3	b	#	b	#	77	63	-		
	Belfort ...	30.03	83	SW	1	m	30.13	+0.1	69	65	+ 2	N	1	b	#	m	#	90	62	-		
	Lyons ...	30.02	85	S	1	b	30.10	+0.4	72	66	0	S	1	b	#	b	#	97	65	-		
	Nice ...	30.06	77	W	0	b	30.09	+0.4	78	68	- 2	W	0	b	#	b	#	90	70	-		
	Perpignan ...	30.06	77	E	2	b	30.12	+0.3	71	69	+ 1	W	0	o	#	b	#	85	66	-		
	Biarritz ...	30.02	72	ENE	4	b	30.00	-.06	69	64	0	S	2	b	#	b	#	77	64	-		
	Corunna ...	#	#	#	#	#	30.12	+0.2	67	65	+ 4	WNW	1	b	#	bc	#	86	61	0.16		
	Lisbon ...	30.06	67	WNW	5	b	30.03	-.08	69	63	+ 1	W	0	b	#	b	#	81	61	-		
	Azores (P. Delgada)	30.10	69	ENE	4	bc	30.11	-.00	69	61	+ 1	N	3	bc	3	bc	#	75	66	-		

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southampton. 1.9 hrs;

WEATHER CHARTS

FOR Saturday, 20th August, 1898

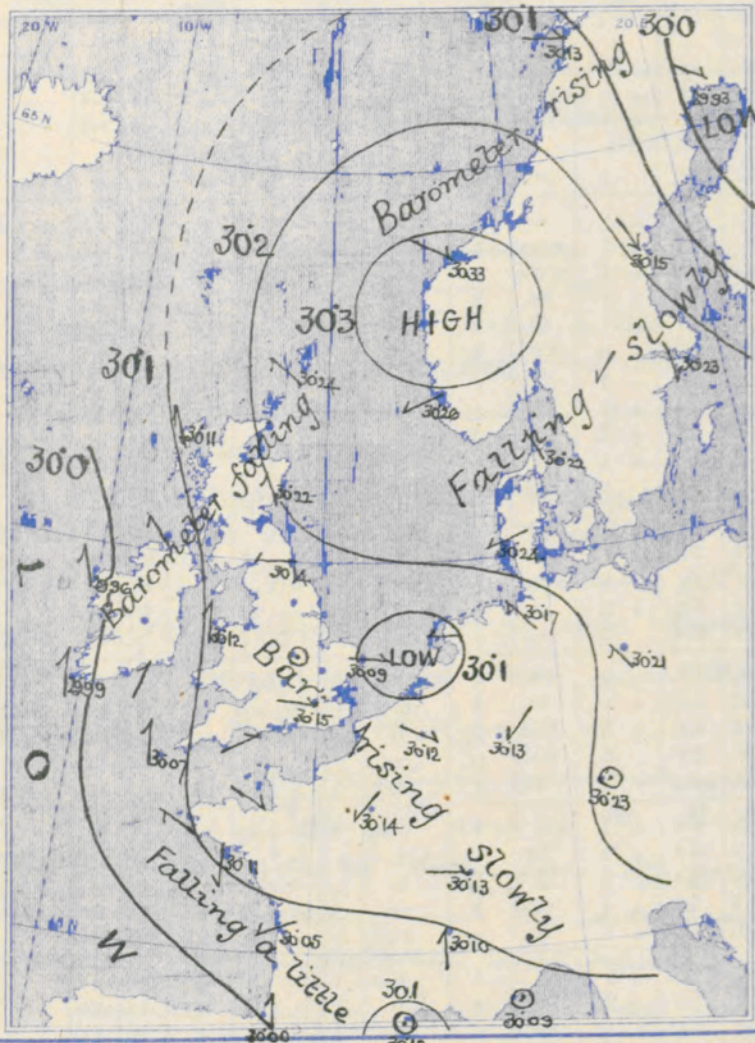
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→ ; Force 8 to 10 →→→ ; Force 1 to 4 →→ ; Calm ○

SEA—Rough ≡≡≡ ; High ≡≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.							RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.		
		Means of				Absolute Extremes.				Hours.	Per cent. of possible.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°	(Inches.)			
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	4.62	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	3.27	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	2.98	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.87	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.67	131.0	29
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	4.85	146.0	33
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.03	—	—
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	2.88	188.8	42
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.54	—	—
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.24	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.44	241.2	55
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.37	—	—
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.07	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.36	160.9†	36+
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.32	182.9	41
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.39	180.5	40
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.30	—	—
Yarmouth	29.920	60.5	57.5	68.3	54.7	85	1893	42	1876, 85	—	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: and more over the west of Norway, and exceeding 30.1 in: almost all over the North Sea, Great Britain, and France.
Lowest, Below 30.0 in: in the extreme west of Ireland, and apparently still lower over the Atlantic.
Gradients slight, and becoming favourable for S winds over all our western districts.
Barometer rising at the southern stations, falling in the north-west and north.

TEMPERATURE

Highest, 70° and more in many parts of France and Western Germany, 62° to 68° over the southern counties of England.
Lowest, 50° to 51° over the northern parts of Scandinavia, 55° at Kautskel, 57° at Vicks and Aberdeen, 58° at Shields.
The highest of the maxima recorded yesterday were 84° in London, 82° at Oxford, 81° at Cambridge, 75° at Jersey and Loughborough; 84° at Vicks, 83° at Paris, 80° at Rome, 87° at Lyons.

WIND

Very light and variable over the greater part of the Continent, the North Sea, and England; SE¹ to S³ over our northwestern and western coasts, E over the Bay of Biscay.

WEATHER

Though cloudy in many places is fair generally, and in some localities the sky is cloudless.
Thunder and lightning have again occurred in many parts of England; at Valenceia the rainfall has been considerable.
Bright Sunshine recorded yesterday amounted to more than 9 hrs: at Scilly, and to 7 or 8 hrs in several other localities.
At Aberdeen there was none.

SEA

Moderate at Valenceia, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fair and very warm weather is still probable over England, but lightning and thunder at times are likely in a few localities.

FORECASTS

For the 24 hours ending at NOON on 21ST AUGUST 1898

DISTRICTS.

FORECASTS.

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

SE² and S³ breezes, freshening; some rain.
E² and NE² airs; dull, some rain, thunder in places.
Very Variable airs; fine, warm, some thunder locally.

DISTRICTS.

FORECASTS.

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

S² breezes, freshening; weather fair and warm, some rain later.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.34	61	56	NW	4	b	1	Valencia ...	29.88	64	61	E	4	r	2
Sumburgh Head	30.29	57	53	L	0	bc	1	Scilly ...	30.02	69	66	SS E	2	c	1
Stornoway ...	30.22	66	61	ESE	2	b	2	Jersey ...	30.12	71	67	SW	3	b	3
Aberdeen ...	30.29	59	57	SE	2	0	1	Hurst Castle ...	30.09	71	68	SW	3	bm	2
Shields ...	30.23	62	59	E	2	0	2	Dungeness ...	30.08	68	65	ESE	3	f	1
Ardrossan ...	30.14	63	59	NE	5	0	2	North Foreland	30.10	67	65	E	2	bc	1
Malin Head ...	30.10	61	58	SE	4	bc	3	London (Westminster)	30.06	78	69	SE	2	c	#
Belmullet ...	30.02	65	61	ESE	1	0	*	Yarmouth ...	30.14	64	62	E	5	bc	4
Holyhead ...	30.06	63	61	W	1	ogntip	1	Rochefort ...	30.09	76	73	NW	3	b	#

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

Weather in morning very fine and bright over the greater part of the Continent and the Mediterranean, but dull and changeable in several parts of our Islands, showery at Holyhead and Shields, and at Ross also. Rain falling later over Ireland and the northern parts of England and at Brussels, thunder and lightning occurring in many parts of England.

Temperature highest 84° at Barcelona and Sanjuanas, 82° at Trieste, and exceeding 70° over Southern Europe generally; 72° at Paris, 71° at Wiesbaden. Lowest 49° at Archangel, 51° at Ross, 55° at Wick, Rasternas and Stockholm, and below 60° over all the northern parts of the United Kingdom. Rising later to 74° at York, 75° at Jersey, 82° at Oxford and Cape Gris Nez, 84° in London, 89° at Paris, and 97° at Lyons.

Wind very light and variable over southeastern and southern Europe, moderate and variable over the English Channel, E to SE over England and Ireland, S at Aberdeen, and strong to a gale from between W. and S. over the northern parts of Scandinavia; NE moderate over Germany. The SE wind subsiding later over our western districts.

Barometer highest 30.3 in. and more over the southwest of Norway and the North Sea, and exceeding 30.1 in. in an anticyclone covering that region, the northern and eastern parts of our Islands, central Europe and the Baltic. Lowest 29.9 in. and less in three depressions, one off the southwest coast of Ireland, another lying partially over Lapland, and a third over Central Russia. The Irish depression becoming deeper towards evening, and the barometer unsettled at our southeastern stations also.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 21st August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		
	At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)					Max.	Min.	Rainfall.
SCANDINAVIA.	Ins.	°					Ins.	Ins.	°	°	°							°	°	Ins.
	Haparanda ...	30.04	49	SW	2	b	30.06	+13	53	49	+2	W	2	r	#	b	#	63	37	0.04
	Hernösand ...	30.02	54	N	2	b	30.25	+10	52	47	-4	W	2	b	#	b	#	64	46	-
	Stockholm ...	30.28	57	WNW	2	b	30.31	+08	57	54	+1	NE	?	?	#	b	#	64	52	-
	Wisby ...	30.28	52	WNW	1	b	30.38		58	56		SSW	2	b	#	b	#	61	50	-
	Karlstad ...	30.28	57	SW	1	b	30.34	+06	52	50	-3	N	2	b	#	b	#	#	#	-
	Bodö ...	30.14	51	SW	6	o	30.17	+04	53	50	+3	SW	6	r	#	o	#	53	46	0.35
	Christiansund ...	30.30	53	WNW	2	b	30.30	-03	50	48	-1	Z	0	b	#	b	#	55	46	-
	Skudesnaes ...	30.28	59	Z	0	b	30.28	+02	58	55	+2	E	2	b	#	b	#	66	52	#
	Færder (Christiania Fjord)	30.28	62	NE	1	b	30.33	+05	60	57	+3	NE	1	b	#	b	#	63	55	-
BRITISH ISLANDS.	Skagen (The Scaw)	30.26	57	NE	1	b	30.32	+10	60	58	+2	SW	1	b	#	b	#	70	52	-
	Fanö ...	30.23	63	E	2	b	30.25	+01	61	59	0	E	4	b	#	b	#	75	57	-
	Sumburgh Head	30.20	56	SE	2	b	30.14	-10	57	55	0	SE	2	b	#	b	#	60	52	-
	Stornoway ...	30.09	61	Z	0	o	30.03	-08	59	58	0	SSW	4	r	#	c.o	#	63	55	0.05
	Wick ...	30.15	56	SE	4	o	30.13	-09	59	56	+2	SE	2	b	#	o	#	61	55	-
	Nairn ...	30.10	65	Z	0	b	30.09	-08	65	62	+7	ESE	1	b	#	b	#	66	53	-
	Aberdeen ...	30.19	57	SE	2	o	30.16	-06	58	58	+1	S	2	om	#	cp.o	#	62	56	0.01
	Leith ...	30.13	61	E	2	o	30.15	-01	59	58	+1	ESE	1	om	#	o	#	61	54	-
	Shields ...	30.16	59	E	1	o	30.19	+05	59	59	+1	E	2	f	#	p.m.f	#	60	57	-
	Spurn Head ...	30.13	61	NNE	1	b	30.18	+06	58	57	-3	NE	1	b	#	b	#	67	57	0.01
GERMANY & HOLLAND.	York ...	30.13	67	N	1	o	30.20	+07	61	60	+1	E	1	o	#	o.c	#	69	57	-
	Loughborough ...	30.12	72	E	1	b	30.18	+04	58	57	-2	ESE	1	ofw	#	om.cbf	#	74	58	-
	Ardrossan ...	30.10	65	NE	2	b	30.12	+01	61	59	+2	NNE	1	of	#	ofb	#	67	57	-
	Malin Head ...	30.01	63	SSW	2	o	30.04	00	61	61	+2	SSW	4	rm	#	o	#	63	59	0.11
	Belmullet ...	29.99	64	S	3	o	30.09	+13	62	62	-3	SW	2	o	#	c.o	#	69	60	-
	Donaghadee ...	30.10	59	SE	4	f	30.12	+02	57	57	-1	SSE	3	c	#	f	#	61	56	-
	Liverpool (Bidston)	30.12	67	Z	0	b	30.14	+03	62	61	-2	ESE	3	b	#	bcm	#	69	58	-
	Holyhead ...	30.13	65	SSW	1	b	30.11	-01	61	60	-1	NW	1	cm	#	b	#	70	56	-
	Parsonstown ...	30.04	68	SE	1	b	30.08	+06	62	60	-3	S	1	o	#	b	#	72	58	-
	Valencia ...	30.02	65	S	3	o	30.05	+06	67	63	+4	SE	1	c	#	b.o	#	67	60	0.01
FRANCE & BELGIUM.	Roche's Point ...	30.07	65	SSW	2	c	30.08	+02	63	61	0	ESE	3	c	#	c	#	67	60	0.01
	Pembroke (St. Ann's Hd.)	30.12	64	Z	0	b	30.08	-02	63	61	+1	E	3	b	#	b	#	64	59	-
	Scilly ...	30.09	62	SE	2	f	29.98	-09	66	63	+2	ESE	4	c	#	f	#	71	61	-
	Prawle Point ...	30.11	63	ESE	2	b	30.06	-08	66	62	+4	ESE	5	b	#	b	#	69	61	-
	Jersey (St. Aubin's)	30.09	75	NE	2	b	30.03	-11	67	64	-5	NE	4	b	#	b.tlr	#	80	65	0.14
	Hurst Castle ...	30.12	70	S	1	b	30.12	-03	71	67	+6	ESE	2	b	#	b	#	75	62	-
	Dungeness ...	30.11	68	SW	2	b	30.13	00	64	62	-4	NE	2	f	#	b	#	75	60	-
	North Foreland	30.13	70	SE	1	b	30.17	+04	65	63	-1	ESE	2	b	#	b	#	76	60	-
	London (Brixton) ...	30.11	77	WNW	1	b	30.15	00	69	65	+5	ESE	1	b	#	b	#	82	61	-
	Oxford ...	30.13	67	NE	1	b	30.15	-03	64	62	+2	N	1	b	#	b	#	78	55	-
PENIN- SULA.	Cambridge ...	30.12	77	Z	0	b	30.17	+03	60	60	-5	SSW	1	f	#	b	#	78	54	-
	Yarmouth ...	30.12	66	NNE	2	b	30.16	+07	60	59	-3	NE	2	f	#	b	#	68	56	-
	Cuxhaven ...	30.13	68	E	2	b	30.19	+02	61	58	+3	ESE	3	b	#	b	#	70	58	-
	Berlin ...	30.16	70	Z	0	b	30.24	+03	64	58	+2	ESE	3	b	#	b	#	77	57	-
	Wiesbaden ...	*	*	*	*	#	*	*	*	*	*	*	*	*	#	*	*	*	*	*
	Munich ...	30.21	71	Z	0	b	30.26	+03	67	63	-1	W	1	o	#	b	#	84	61	-
	The Helder ...	30.09	68	Z	0	b	30.13	+04	68	65	+3	Z	0	b	#	b	#	70	63	-
	Brussels ...	*	*	*	*	#	30.16	+04	64	64	-3	NNE	1	f	#	b	#	82	59	-
	Cape Gris Nez ...	?	67	Z	0	m	?	?	66	62	+1	ESE	2	f	#	m	#	75	61	-
	Paris ...	30.08	79	NE	2	b	30.09	-05	69	65	+1	NE	2	b	#	b	#	86	63	-
FRANCE & BELGIUM.	Brest ...	30.04	73	N	2	b	29.93	-18	70	65	+7	NE	2	b	#	b	#	77	61	-
	Lorient ...	29.99	78	WSW	1	b	29.93	-18	70	69	+9	E	4	b	#	b	#	88	61	-
	Rochefort ...	29.96	77	NW	3	b	29.94	-11	72	71	+5	E	2	b	#	b	#	97	67	-
	Belfort ...	30.05	78	ESE	4	m	30.10	-03	70	64	+1	NE	2	m	#	m	#	91	62	-
	Lyons ...	30.02	67	SE	1	b	30.10	00	72	64	0	SE	1	b	#	b	#	97	64	-
	Nice ...	30.08	78	Z	0	c	30.10	+01	76	67	-2	E	3	b	#	c	#	90	70	-
	Perpignan ...	30.04	75	NE	2	b	30.09	-03	70	69	-1	Z	0	o	#	b	#	81	64	-
	Biarritz ...	29.88	92	E	4	b	29.94	-06	71	70	+2	Z	0	m	#	b	#	95	69	-
	Corunna ...	*	*	*	*	#	*	*	*	*	*	*	*	*	#	*	*	*	*	*
	Lisbon ...	30.02	70	SSW	3	b	30.07	+04	71	68	+2	SW	4	c	#	b	#	79	53	-
PENIN- SULA.	Azores (P. Delgada)	30.17	67	WNW	1	b	30.18	+07	68	63	-1	Z	0	b	#	b	#	75	61	-

For Explanation of Columns, see bottom of last page.

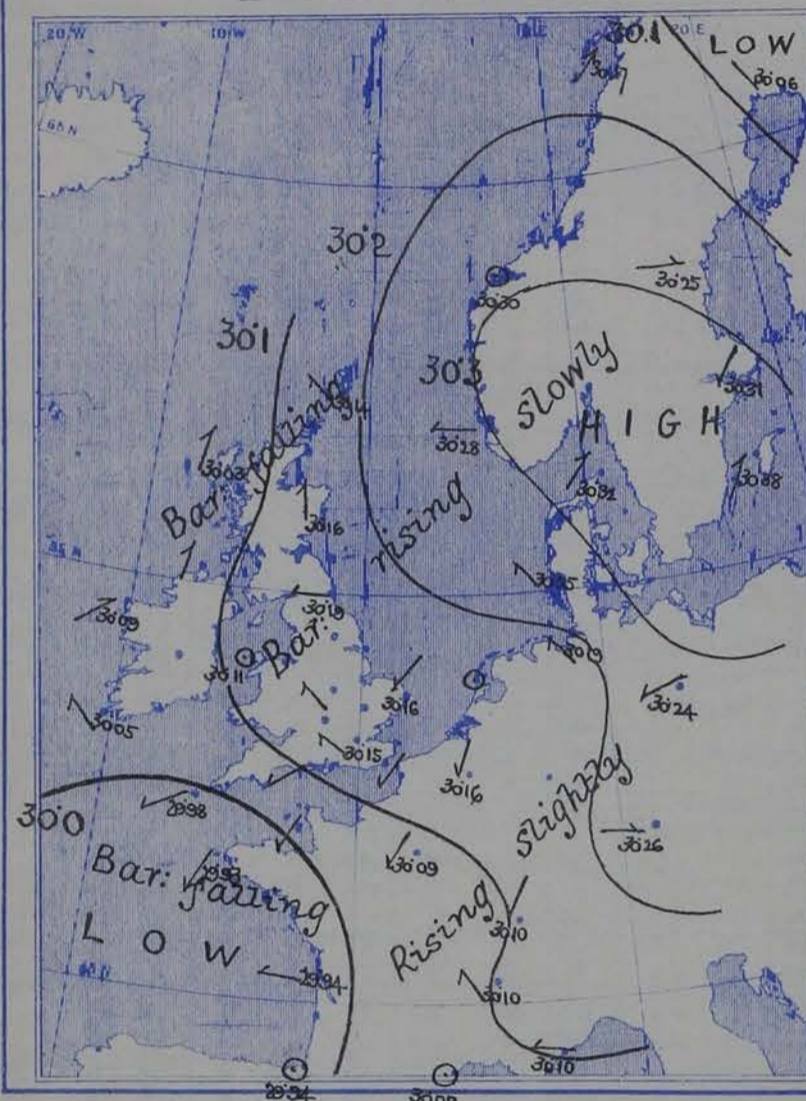
† Received too late for Insertion in Charts on next page.

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

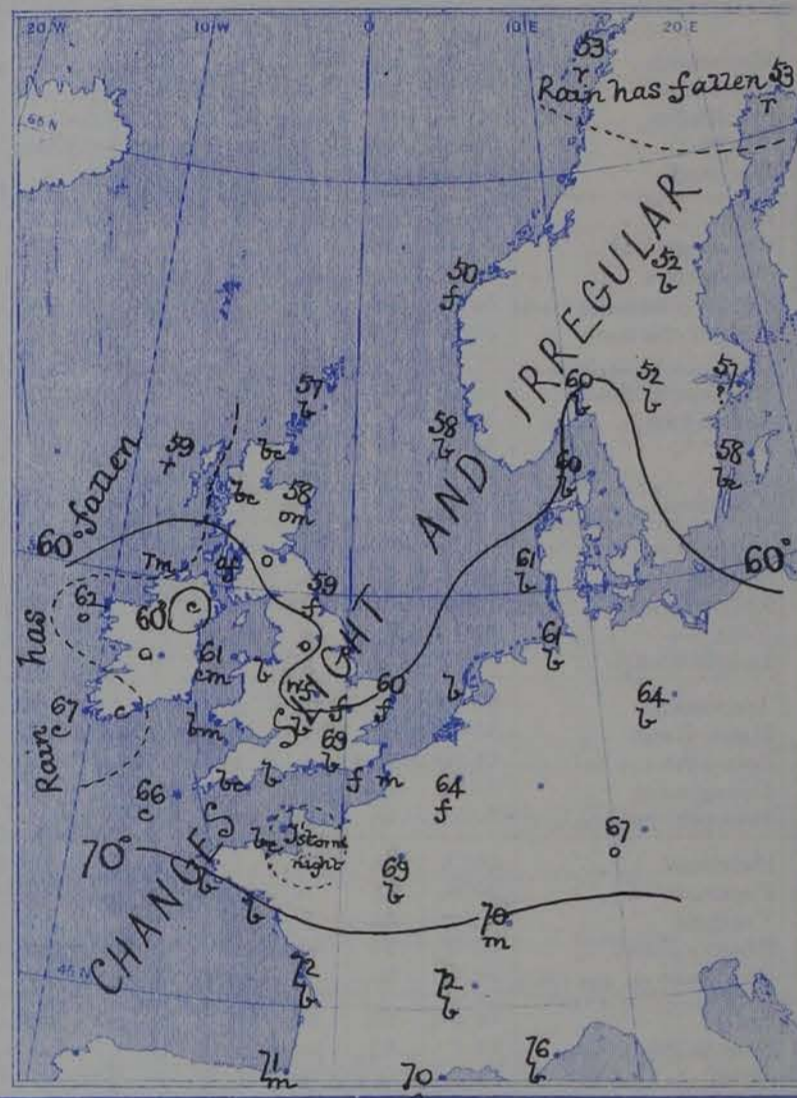
Bright Sunshine yesterday Southport 2.9 hrs;

FOR Sunday, 21. August, 1898

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
 Force above 10  ; Force 5 to 7  ; }
 Force 8 to 10  ; Force 1 to 4  ; } Calm ☉
SEA—Rough  ; High 



TEMPERATURE—Isotherms are drawn for each 10°.
 WEATHER—Shown by Letters of the Beaufort Scale.
 RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·767	53·4	51·8	57·7	48·5	69	1880	38	1885, 95	3·44	—	—
Stornoway	29·782	55·0	53·5	59·8	49·1	74	1876	33	1888	3·77	117·4	25
Wick	29·798	55·3	53·4	61·2	48·6	85	1893	30	1886	2·68	—	—
Nairn	29·803	55·7	53·0	63·6	50·1	81	1887	33	1885, 91	2·80	—	—
Aberdeen	29·819	56·6	53·5	63·1	50·2	81	1880, 82	33	1885	3·15	151·1	33
Leith	29·835	57·6	54·4	65·8	51·3	85	1893	37	1874	2·74	—	—
Shields	29·858	57·3	54·6	63·9	51·7	83	1893	39	1892	2·86	—	—
Spurn Head	29·894	58·9	56·6	64·4	54·9	87*	1893	46*	1887, 90	1·84	—	—
York	29·895	57·8	55·1	67·8	51·4	89	1876	37	1887	2·62	145·1	32
Loughborough	29·923	59·2	56·3	70·3	52·0	91*	1893	38*	1885, 87, 88	2·50	—	—
Ardrossan	29·843	57·3	55·0	63·4	52·8	84	1872	38	1881	3·91	—	—
Malin Head	29·830	56·1	53·9	61·7	54·0	—	—	—	—	—	—	—
Belmullet	29·867	57·8	55·2	62·5	54·1	—	—	—	—	4·62	—	—
Donaghadee	29·869	56·9	55·4	62·5	52·6	77	1890	38	1886	3·27	—	—
Holyhead	29·898	58·4	56·2	64·0	54·7	83	1893	45	1888	2·98	—	—
Liverpool	29·898	58·6	55·3	65·6	54·3	85	1876, 84, 93	44	1885	2·87	—	—
Parsonstown	29·908	57·2	55·1	65·7	51·5	82	1893	35	1885, 87	3·67	131·0	29
Valencia	29·921	59·3	56·9	64·4	54·2	80	1893	42	1890	4·85	146·0	33
Roche's Point	29·921	58·8	56·3	65·7	53·9	80	1880	44	1883	4·03	—	—
Pembroke	29·923	58·6	56·6	63·0	55·6	78	1874	47	1885, 88	2·88	188·8	42
Scilly	29·958	60·9	58·8	64·9	56·9	75	1893	50	1885, 90, 95	2·54	—	—
Prawle Point	29·968	60·0	57·9	65·1	54·5	82*	1887	43*	1888	2·24	—	—
Jersey	29·987	63·0	59·7	68·8	57·2	89	1893	45	1890	2·44	241·2	55
Hurst Castle	29·962	61·2	59·0	68·1	56·0	82	1876, 93	43	1877	2·37	—	—
Dover	29·945	61·9	58·7	67·3	56·6	80	1887, 94	39	1890	2·07	—	—
LONDON	29·951	60·9	57·3	71·6	53·5	96	1876	39	1887, 90	2·36	160·9+	36+
Oxford	29·944	58·8	55·9	69·1	53·0	90	1876	39	1892	2·32	182·9	41
Cambridge	29·933	59·9	57·1	71·1	51·9	95	1876	39	1876, 77, 81, 90	2·39	180·5	40
Yarmouth	29·920	60·5	57·5	66·3	54·7	85	1893	42	1876, 85	2·30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more over the southern half of Scandinavia, and above 30.1 ins. all over Germany, the North Sea and St. Britain.

Lowest. Below 30.0 ins. over the Bay of Biscay and the northern half of Spain.

Gradients very slight.

Barometer changing little and very fitfully.

TEMPERATURE

Highest 76° to 70° over the southern parts of France, 69° at Paris and in London, 64° at Berlin.

Lowest 50° to 58° at the Scandinavian stations, 57° at Sumburgh H., 58° at Aberdeen & Sperrin H.

The maxima recorded during yesterday ~~was~~ touched 78° at Oxford and Cambridge, 80° at Jersey, 82° in London, 86° at Paris and 97° at Lyons.

WIND

Very light in most places, and mainly anticyclonic - E²⁴ and NE²⁴ at the southern and southwestern stations, SE²⁴ and S²⁴ over Ireland and Scotland, SW²⁴ to NW²⁴ over Finland.

WEATHER

Fair in most places, but fog and thick haze was reported on many of our coasts - especially in the E. and SE.

Slight local showers had occurred in the N. and W. and a thunderstorm at Jersey.

Elsewhere fine weather had continued. Bright Sunshine recorded yesterday was 10 hrs in London and varied from 7 hrs. at Scilly and Cambridge to 1 hr. at York, and to less than an hour at Aberdeen.

SEA

Very little disturbed anywhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 22ND AUGUST, 1898

DISTRICTS.

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

FORECASTS.

NONE ISSUED.

DISTRICTS.


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


FORECASTS.

NONE ISSUED

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.28	66	56	NW	2	b	1	Valencia ...	30.02	67	64	SSE	3	o	4
Sumburgh Head ...	30.25	59	57	SE	1	b	2	Scilly ...	30.09	69	67	SE	2	f	1
Stornoway ...	30.11	62	57	S	3	c	3	Jersey ...	30.13	76	68	NE	1	b	1
Aberdeen ...	30.21	59	57	SE	2	c	3	Hurst Castle ...	30.15	74	70	SW	2	b	1
Shields ...	30.16	60	59	E	2	o	3	Dungeness ...	30.12	70	66	SSW	2	b	1
Ardrossan ...	30.11	65	63	NE	3	of	1	North Foreland	30.15	68	66	E	2	b	1
Malin Head ...	30.03	63	62	SE	3	of	2	London (Westminster)	30.12	78	67	WNW	1	b	3
Belmullet ...	29.99	65	62	SSW	2	c	1	Yarmouth ...	30.11	68	64	NNE	2	b	3
Holyhead ...	30.13	69	66	SSW	2	b	1	Rochefort ...	30.00	90	84	NW	2	b	1

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

Weather in morning fine over Scandinavia, central, southern and southwestern Europe, as well as the greater part of our Islands, but hazy at several of the southern and western stations. Slight rain later at several isolated stations in the northern and western parts of our Islands, and a thunderstorm at Jersey - continuing fine over the Continent and the E. and SE. of England.

Temperature in morning highest 82° at Trieste, 81° at Athens, 79° at C. Sicily, 78° at Algiers, Nice, and above 70° over the southern parts of the Continent generally; 68° to 60° over the southern half of England. Rising later to 74° at Loughborough, 78° at Oxford, 82° in London, 86° at Paris, 97° at Rochefort and Lyons, and night remaining very warm over England. Scarcely exceeding 60° over the N. of Scotland all day and not touching 80° at the German stations.

Wind (1) exceedingly light, and anticyclonic, over Norway, Denmark, the Baltic, central and southern Europe; (2) S. to SE., light to moderate, on our western coasts; (3) NW., moderate to strong over Finland and the greater part of Sweden. No decided change later.

Barometer. Highest 30.3 ins. and more over the S.W. half of Norway, and exceeding 30.1 ins. except over central Russia on the one hand, and the W. parts of Ireland and adjacent parts of the Atlantic on the other, where it was lower. Lowest 29.76 ins. at Moscow. Falling somewhat over the Bay of Biscay later. Very little 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 22nd August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dir.	Force (0 to 12.)	Max.	Min.	Rainfall.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	30.09	52	Z	0	b	30.12	+06	52	50	-1	NNE	2	b	#	b	#	66	45	-	
	Stockholm ...	30.24	54	Z	0	b	30.19	-06	58	53	+6	Z	0	b	#	b	#	73	45	-	
	Wisby ...	30.30	59	Z	0	b	30.30	-01	61	57	+4	NNE	2	b	#	b	#	68	48	-	
	Karlstad ...	30.35	56	SW	2	b	30.36	-02	59	58	+1	SW	4	b	#	b	#	63	48	-	
		30.30	58	S	2	b	30.30	-04	60	57	+8	SW	4	b	#	b	#	#	#	-	
	Bodö ...	30.18	53	N	5	o	30.12	-05	55	51	+2	Z	0	bc	1	b	#	55	50	-	
	Christiansund ...	30.22	58	NNE	2	b	30.12	-18	57	54	+7	SSE	2	bc	2	b	#	57	50	-	
	Skudesnaes ...	30.25	61	SW	2	c	30.19	-09	62	58	+4	Z	0	c	1	c	#	66	57	#	
	Færder (Christiania Fjord)	30.29	61	SW	1	b	30.29	-04	63	61	+3	SW	2	b	1	b	#	64	59	-	
BRITISH ISLANDS.	Skagen (The Scaw)	30.29	60	SSW	1	b	30.28	-04	62	59	+2	S	3	b	0	b	#	70	54	-	
	Fanö ...	30.24	62	E	4	b	30.21	-04	63	60	+2	SE	4	b	#	b	#	77	61	-	
	Sumburgh Head	30.06	56	SE	4	o	29.94	-20	55	55	-2	SSE	1	o	4	o	#	60	52	-	
	Stornoway ...	29.98	62	SSW	4	b	29.80	-23	60	59	+1	SSW	3	c	3	op. b	3.7	64	56	0.03	
	Wick ...	30.05	61	SE	2	o	29.85	-28	58	58	-1	SE	2	f	1	o	#	66	55	-	
	Nairn ...	30.03	59	Z	0	b	29.89	-20	59	58	-6	Z	0	cm	0	b	#	72	55	-	
	Aberdeen ...	30.10	58	S	3	ogm	29.94	-22	58	58	0	S	2	ogm	2	c.ogm	3.1	65	55	0.01	
	Leith ...	30.07	62	NNE	1	c	29.93	-22	60	59	+1	NNE	1	bm	#	c	#	68	56	0.03	
	Shields ...	30.12	58	ESE	2	f	29.97	-22	60	59	+1	Z	0	f	2	f. r. f	#	64	56	0.01	
	Spurn Head ...	30.12	56	ENE	2	f	29.95	-23	64	60	+6	ESE	4	f	4	op. f. f	#	64	55	0.06	
GERMANY & HOLLAND.	York ...	30.12	68	ESE	1	b	29.98	-22	63	62	+2	N	1	bc	#	o. b. t. r	2.2	69	55	0.15	
	Loughborough ...	30.11	71	E	2	bc	30.01	-17	65	62	+7	SE	2	c	#	bc. t. r. p	#	76	58	0.26	
	Ardrossan ...	30.04	71	Z	0	bef	29.88	-24	67	64	+6	NNE	2	b. f. w	1	b. c. f	#	72	59	-	
	Malin Head ...	30.00	64	E	1	bcm	29.80	-24	68	65	+7	SSE	3	bcm	1	c. bcm	#	68	61	0.01	
	Belmullet ...	30.00	66	WSW	1	b	29.80	-29	63	62	+1	SSW	2	o	#	b	#	69	55	0.02	
	Donaghadee ...	30.05	62	SSW	2	of	29.89	-23	63	61	+6	SSW	3	b	1	of	#	66	55	-	
	Liverpool (Bidston)	30.10	64	SE	1	t. r. p	29.94	-20	68	64	+6	SE	3	b	2	t. r. p	#	77	62	0.37	
	Holyhead ...	30.06	68	SE	1	o. t. m	29.91	-20	63	62	+2	Z	0	o	0	c. o. t. m	#	68	59	0.31	
	Parsonstown ...	30.00	65	Z	0	r	29.85	-23	64	62	+2	Z	0	o	#	c. t. p. l	5.2	72	55	0.01	
	Valencia ...	29.98	64	N	2	cm	29.86	-19	65	63	-2	SSW	1	om	2	cm	8.7	70	58	-	
FRANCE & BELGIUM.	Roche's Point ...	29.98	68	ESE	3	bc	29.87	-21	65	63	+2	SE	1	c	2	t. r. b. l	#	70	60	0.15	
	Pembroke (St. Ann's Hd.)	29.94	67	E	4	c	29.92	-16	62	61	-1	SW	4	f	3	t. r. c	5.8	72	60	0.73	
	Scilly ...	29.88	69	E	5	cm	29.95	-03	65	63	-1	SSW	3	om	1	t. r. cm	10.0	72	62	0.04	
	Prawle Point ...	29.95	70	NNE	6	c	30.01	-05	61	60	-5	WSW	3	c	3	c. l. r. f	#	71	59	0.01	
	Jersey (St. Aubin's)	29.91	78	NNE	4	c	30.03	-00	68	65	+1	NNE	2	bc	2	b. t. r	#	81	66	0.03	
	Hurst Castle ...	30.00	75	E	3	c	30.03	-09	65	65	-6	WSW	3	om	1	c. l. f	#	78	64	-	
	Dungeness ...	30.06	63	NNE	4	f	30.00	-13	70	67	+6	NNE	2	t. r	1	m. f	#	70	61	-	
	North Foreland	30.12	61	NE	2	f	30.02	-15	72	69	+7	N	2	c	2	f	#	72	60	-	
	London (Brixton) ...	30.08	74	E	3	b	30.02	-13	67	65	-2	SE	1	og	#	b. o. l. a	#	83	65	-	
	Oxford ...	30.09	72	E	1	o	30.01	-14	64	62	0	NNE	1	og	#	b. t. l	#	82	59	-	
GERMANY & HOLLAND.	Cambridge ...	30.07	78	E	2	b	30.02	-15	65	63	+5	ENE	1	cw	#	b. t. l	10.0	81	58	-	
	Yarmouth ...	30.12	64	NE	2	bf	30.06	-10	64	63	+4	NNE	3	c. t. l. p	3	bf	#	65	58	0.03	
	Cuxhaven ...	30.16	72	NNE	2	b	30.17	-02	62	58	+1	S	2	b	#	b	#	73	59	-	
	Berlin ...	#	#	#	#	#	30.17		69	66		Z	0	b	#	#	#	86	64	-	
	Wiesbaden ...	#	#	#	#	#	30.28	+02	69	64	+2	E	1	b	#	b	#	82	57	-	
	Munich ...	30.24	71	Z	0	b	30.08	-05	73	70	+5	ESE	1	b	1	bc	#	73	64	-	
	The Helder ...	30.12	#	Z	0	b															
	Brussels ...	#	#	#	#	#	30.07	-09	77	69	+13	ESE	2	c	#	b	#	85	64	-	
	Cape Gris Nez ...	#	63	E	3	f	#	#	74	67	+8	SW	3	bc	2	f	#	74	63	-	
	Paris ...	30.01	83	NNE	1	b	30.07	-02	69	66	0	NNE	1	b	#	b	#	93	66	-	
FRANCE & BELGIUM.	Brest ...	29.88	67	S	1	m	30.04	+11	63	62	-7	SW	2	o	2	m	#	86	59	-	
	Lorient ...	29.95	69	SSW	1	o	30.04	+11	64	63	-6	NW	4	c	3	o	#	88	59	0.04	
	Rochefort ...	29.91	85	SW	2	bc	30.02	+08	68	68	-4	NW	3	o	#	bc	#	93	66	0.04	
	Belfort ...	30.06	79	NNE	4	m	30.12	+02	70	65	0	NNE	1	m	#	m	#	91	62	-	
	Lyons ...	30.01	87	ESE	1	b	30.12	+02	70	59	-2	SSW	1	b	#	b	#	97	65	-	
	Nice ...	30.07	81	SW	2	bc	30.11	+01	78	64	+2	E	1	b	1	bc	#	90	73	-	
	Perpignan ...	30.05	75	NNE	2	b	30.11	+02	71	#	+1	Z	0	c	#	b	#	#	#	-	
	Biarritz ...	29.89	77	N	2	o	30.07	+13	70	68	-1	WSW	3	c	2	o. t. l	#	86	68	-	
	Corunna ...																				
	PENIN- SULA.	Lisbon ...	30.10	68	NNE	4	b	30.14	+07	68	64	-3	NNE	1	bc	#	b	#	77	63	-
Azores (P. Delgada)		30.22	66	NW	2	b	30.24	+06	71	67	+3	Z	0	c	2	b	#	76	64	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster

Bright Sunshine yesterday Southport...? hrs;

WEATHER CHARTS

FOR Monday, 22nd August, 1898

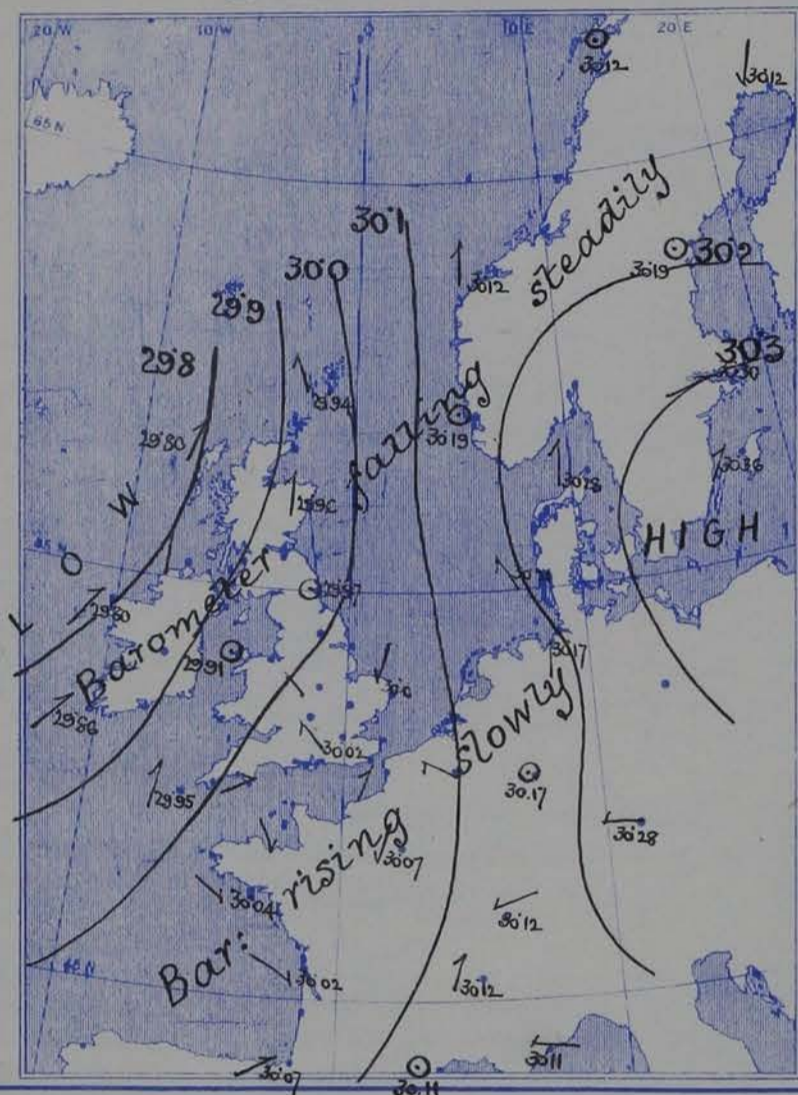
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : }
Force 8 to 10 → : Force 1 to 4 → : } Calm ☉

SEA—Rough ≡ : High ≡

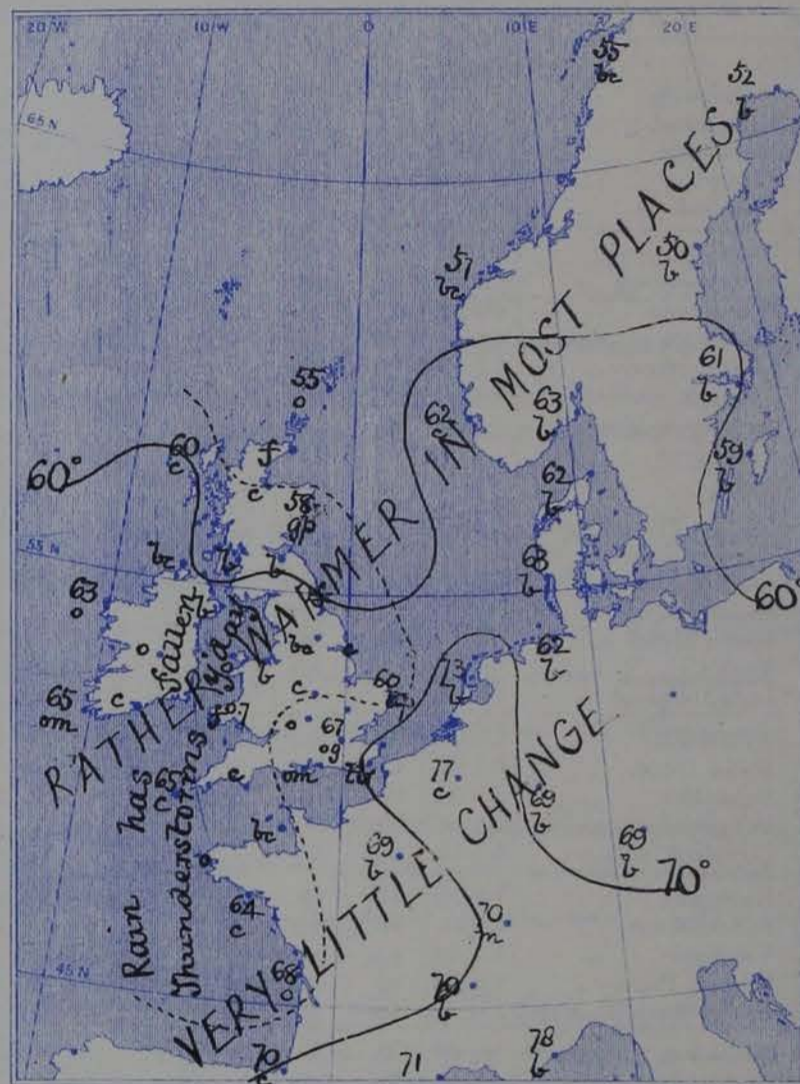


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866—95.	Hours.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Minimum.			Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	38	1880, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	47	1885, 88	2.88	188.8	42
Seilly	29.958	60.9	58.8	64.9	56.9	75	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	39	1887, 90	2.36	160.9+	36+
Oxford	29.944	58.8	55.9	69.1	53.0	90	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

+ The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more over the Baltic, and exceeding 30.1 ins. over all the countries lying to the E. and S.E. of the North Sea.
Lowest 29.8 ins. and less off our extreme N.W. coasts.
Gradients slight, especially in the E., irregular in the S.E. Barometer has begun to rise again over the Bay of Biscay and the S.W. parts of our Islands, but is still falling elsewhere most on our N.W. coasts.

TEMPERATURE

Highest 72° at the N. Foreland, 70° at Biarritz, Lyons and Dungeness, 67° in London, 63° at York.
Lowest 52° at Haparanda, 55° at Bodø and Christiansund, 58° at Aberdeen, 59° at Whisky.
The highest of the maxima recorded yesterday were 76° at Loughborough, 81° at Cambridge and Jersey, 82° at Bedford, 83° in London, 85° at Brussels, 93° at Paris, 97° at Lyons.

WIND

Anticyclonic (S.E. to S.W.) in direction over Scandinavia and the eastern shores of the North Sea; cyclonic S.W. to S. over our western and northwestern districts, extremely light and variable over the greater part of England and France.

WEATHER

Very fine over Norway, Sweden, Denmark as well as Germany and the E. and S.E. of France. Variable over our Islands, though clear in a few places. Thick mists were reported at many stations, a thunderstorm and rain at Dungeness, showers at Rainham, and rain had fallen at our W. and N.W. stations, heavily at Pembroke, and thunder and lightning had occurred almost all over the Kingdom. Bright Sunshine recorded yesterday was 10 hrs at Cambridge and Scilly and still more on some parts of the Sussex coast but less than 6 hrs. at the W. stations, and less than 4 hrs. in Scotland.

SEA

Moderate on our N. and N.E. coasts, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather is in a very unstable condition generally. Great warmth is again probable over France and England, and thunderstorms in many places.

FORECASTS

For the 24 hours ending at NOON on 23RD AUGUST. 1898

DISTRICTS.

FORECASTS.

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

Varying S. breezes, rain at times, thunder locally.

Very variable airs, warm and close, some showers and thunder in places.

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.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.28	66	59	S	2	6	1	Valencia							
Sumburgh Head								Scilly							
Stornoway	30.02	62	61	W.S.W.	3	60	3	Jersey	29.97	80	74	E.N.E.	4	6	3
Aberdeen								Hurst Castle							
Shields								Dungeness	30.09	67	63	E.N.E.	4	m	3
Ardrossan								North Foreland	30.15	61	61	E.N.E.	2	f	1
Malin Head	30.03	66	64	E	1	c	0	London (Westminster)							
Belmullet	30.01	69	65	W.S.W.	1	6	*	Yarmouth							
Holyhead								Rocheport	29.95	91	85	S	5	c	*

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

Continental information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 14TH TO 20TH AUGUST.

During the first part of this week a well marked anticyclone moved slowly from N. to S. from the northern to the southern parts of Russia, while a "col" extended thence in a W. direction across the North Sea and our Islands to the Atlantic. Occasionally another high pressure area appeared off the W. parts of our Islands, and so the European system moved S. to become the dominant system over the United Kingdom and the North Sea. On Thursday a well marked depression appeared over the Bay of Biscay, and moving N.W. caused very thundery and rainy weather over the S.W. parts of our Islands - some of the thunderstorms being exceptionally prolonged, and it is reported that an Earthquake occurred in those regions. Over the greater part of England also there was slight occasional disturbances, but hardly any rain fell, and the lightning and thunder were not severe. At the end of the week, very warm, close weather was still prevalent over France and England, with an occasional appearance that the warm weather would break up, but notwithstanding this no decided change is reported.

The daily maxima of temperature were as high as 90° to 97° over the S. half of France, and 84° to 80° in London.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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

Tuesday, 23rd August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dir.	Force (0 to 12.)	Max.	Min.	Rainfall
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
Haparanda ...	30.04	53	2	0	b	29.97	-1.5	59	55	+7	Wdr	2	b	#	b	#	63	59	—		
Hernösand ...	30.08	53	2	0	b	29.99	-2.0	60	54	+2	Wdr	2	bc	#	b	#	70	45	—		
Stockholm ...	30.24	61	2	0	c	30.17	-1.3	67	60	+6	Wdr	4	b	#	c	#	72	52	—		
Wisby ...	30.32	58	SE	4	b	30.23	-1.3	64	59	+5	S	2	b	#	b	#	66	52	—		
Karlstad ...	30.18	63	S	2	c	30.10	-2.0	62	58	+2	S	2	o	#	c	#	#	#	—		
Bodo ...	29.94	57	Wdr	6	t	29.88	-2.9	61	56	+6	E	2	bc	1	t	#	?	52	0.20		
Christiansund ...	29.97	64	SE	1	bc	29.69	-4.3	67	59	+10	SE	4	bc	3	bc	#	67	59	—		
Skudesnaes ...	29.99	62	SE	4	c	29.89	-3.0	63	61	+1	S	6	o	4	o.c	#	63	59	#		
Færder (Christiania Fjord)	30.16	62	SE	1	o	30.02	-2.7	62	61	-1	S	2	o	3	o	#	64	61	—		
Skagen (The Seaw)	30.16	65	S	3	bc	30.01	-2.7	63	62	+1	SE	3	t	1	bc	#	68	62	0.04		
Fano ...	30.10	69	SE	4	b	30.01	-2.0	64	60	+1	NE	4	t	#	b	#	82	63	—		
Sumburgh Head	29.70	57	SE	2	bc	29.74	-2.0	55	52	0	W	2	c	4	bc.tl	#	60	51	0.33		
Stornoway ...	29.65	61	Wdr	4	t	29.83	+0.3	55	52	-5	W	4	c	4	c.t	1.6	67	49	0.10		
Wick ...	29.70	62	SE	3	o	29.87	+0.2	56	53	-2	W	3	bc	2	o.l	#	65	50	0.02		
Nairn ...	29.67	72	Wdr	1	o	29.89	0.0	54	51	-5	Wdr	1	om	1	om	#	82	51	0.10		
Aberdeen ...	29.74	61	S	4	bc	29.87	-0.7	55	52	-3	Wdr	4	opg.g	3	bc.g.t	63	66	0.12			
Leith ...	29.77	68	2	0	o	29.84	-0.9	62	59	+2	Wdr	3	om	#	o	#	78	59	—		
Shields ...	29.83	74	Wdr	3	m	29.89	-0.8	63	61	+3	SE	3	op	2	f.b.m.f	#	77	59	—		
Spurn Head ...	29.91	72	S	4	c	29.97	+0.2	64	61	0	Wdr	1	c	2	c.bl	#	74	65	—		
York ...	29.89	80	SE	2	b	29.95	-0.3	63	61	0	S	1	o	#	b	10.0	81	59	—		
Loughborough ...	29.93	78	Wdr	3	bc	29.99	-0.2	64	61	-1	W	1	bcw	#	bc.m	#	84	59	—		
Ardrossan ...	29.76	61	S	4	off	29.94	+0.6	58	54	-9	W	3	c	2	af.off	#	72	53	0.02		
Malin Head ...	29.70	64	S	5	omf	29.95	+1.5	57	53	-11	Wdr	5	bcf	3	o.omf	#	72	53	0.05		
Belmullet ...	29.68	62	Wdr	3	o	30.06	+2.6	59	53	-4	Wdr	2	c	#	o	#	64	52	0.20		
Donaghadee ...	29.79	65	Wdr	3	f	29.95	+0.6	57	53	-6	Wdr	4	c	2	f	#	66	54	0.08		
Liverpool (Bidston)	29.91	69	Wdr	3	bc	29.94	0.0	65	62	-3	SE	1	t	1	fbc	#	77	59	—		
Holyhead ...	29.90	61	SE	4	c	29.95	+0.4	57	54	-6	W	4	dm	3	comp.c	#	64	56	0.09		
Parsonstown ...	29.82	62	SE	2	t	30.09	+3.2	58	53	-6	Wdr	1	b	#	bcfbc	2.6	71	52	0.06		
Valencia ...	29.78	64	Wdr	2	om	30.13	+2.7	60	56	-5	W	3	bc	4	tg.om	0.3	66	56	0.09		
Roche's Point ...	29.84	62	Wdr	4	t	30.08	+2.1	60	53	-5	W	4	b	3	c.t	#	67	53	0.20		
Pembroke (St. Ann's Hd.)	29.96	63	S	4	o	29.97	+0.5	61	60	-1	Wdr	2	og	3	o	0.7	64	60	0.04		
Scilly ...	29.99	65	Wdr	4	c	30.00	+0.5	63	62	-2	W	3	opm	2	c.l	1.0	69	61	0.03		
Prawle Point ...	30.03	62	Wdr	3	c	30.03	+0.2	61	61	0	S	4	opm	3	c	#	66	60	0.01		
Jersey (St. Aubin's)	30.05	70	Wdr	3	bcf	30.11	+0.8	66	63	-2	Wdr	3	bm	3	c.bl.c	#	72	61	0.08		
Hurst Castle ...	30.03	66	Wdr	3	c.m	30.06	+0.3	65	63	0	Wdr	3	om	2	bc.m.l	#	70	63	—		
Dungeness ...	30.00	68	W	2	c	30.09	+0.7	63	61	-7	Wdr	3	c	2	o.c	#	74	61	0.04		
North Foreland	30.00	67	Wdr	2	c	30.06	+0.4	63	61	-9	Wdr	3	bc	1	c	#	79	59	—		
London (Brixton) ...	30.01	77	S	2	bc	30.06	+0.4	64	61	-3	Wdr	2	o	#	c.off.bc	3.1	89	60	0.02		
Oxford ...	29.98	70	Wdr	1	o	30.03	+0.2	66	62	+2	S	2	bc	#	o.l	#	83	61	—		
Cambridge ...	29.96	79	Wdr	2	o	30.03	+0.1	65	62	0	Wdr	2	bc	#	o.lf	3.9	87	59	0.01		
Yarmouth ...	29.97	70	SE	3	c	30.00	-0.6	65	63	+1	Wdr	2	b	2	bc.c	#	74	59	—		
Cuxhaven ...	30.10	73	SE	2	b	29.99	-1.8	66	62	+4	S	2	b	#	b	#	77	62	—		
Berlin ...	30.22	72	SE	2	b	30.15	?	64	57	?	SE	3	b	#	b	#	80	57	—		
Wiesbaden ...	#	#	#	#	#	30.07	-1.0	69	64	0	S	0	b	#	#	#	88	64	—		
Munich ...	30.25	69	E	3	b	30.21	-0.7	62	59	-7	E	1	b	#	b	#	82	52	—		
The Helder ...	29.98	74	Wdr	1	c	29.95	-1.3	69	-4	-24	Wdr	1	bc	1	c	#	88	64	0.12		
Brussels ...	#	#	#	#	#	30.08	+0.1	66	62	-11	Wdr	3	o	#	t	#	93	63	—		
Cape Gris Nez ...	#	65	Wdr	2	m	?	?	63	61	-11	Wdr	3	o	2	m	#	84	61	—		
Paris ...	30.01	82	Wdr	2	bc	30.11	+0.4	65	64	-4	Wdr	2	bc	#	bc	#	94	64	0.59		
Brest ...	30.08	65	Wdr	1	c	30.08	+0.4	63	62	0	SE	2	f	?	c	#	72	?	—		
Lorient ...	30.10	68	W	4	c	30.14	+1.3	66	65	+2	Wdr	2	o	2	c	#	?	59	—		
Rochefort ...	30.04	69	Wdr	3	c	30.14	+1.2	68	67	0	Wdr	3	c	#	m.c	#	77	66	0.04		
Belfort ...	30.04	84	SE	1	m	30.11	-0.1	69	62	-1	W	3	m	#	m	#	92	61	—		
Lyons ...	30.04	85	S	1	bc	30.21	+0.9	73	66	+3	Wdr	1	o	#	bc.t	#	91	66	0.20		
Nice ...	30.08	84	2	0	c	30.12	+0.1	80	65	+2	E	1	b	2	c	#	90	73	—		
Perpignan ...	30.07	76	SE	2	c	30.12	+0.1	70	70	-1	Wdr	1	bc	#	c	#	86	66	—		
Biarritz ...																					
Corunna ...	30.18	68	Wdr	4	b	30.23	+0.9	69	63	+1	W	4	b	#	b	#	79	63	—		
Lisbon ...	30.29	70	W	2	c	30.30	+0.6	71	69	0	S	0	c	2	c	#	77	70	—		
Azores (P. Delgada)																					

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 10.6 hrs;

WEATHER CHARTS

FOR Tuesday, 23rd August, 1898

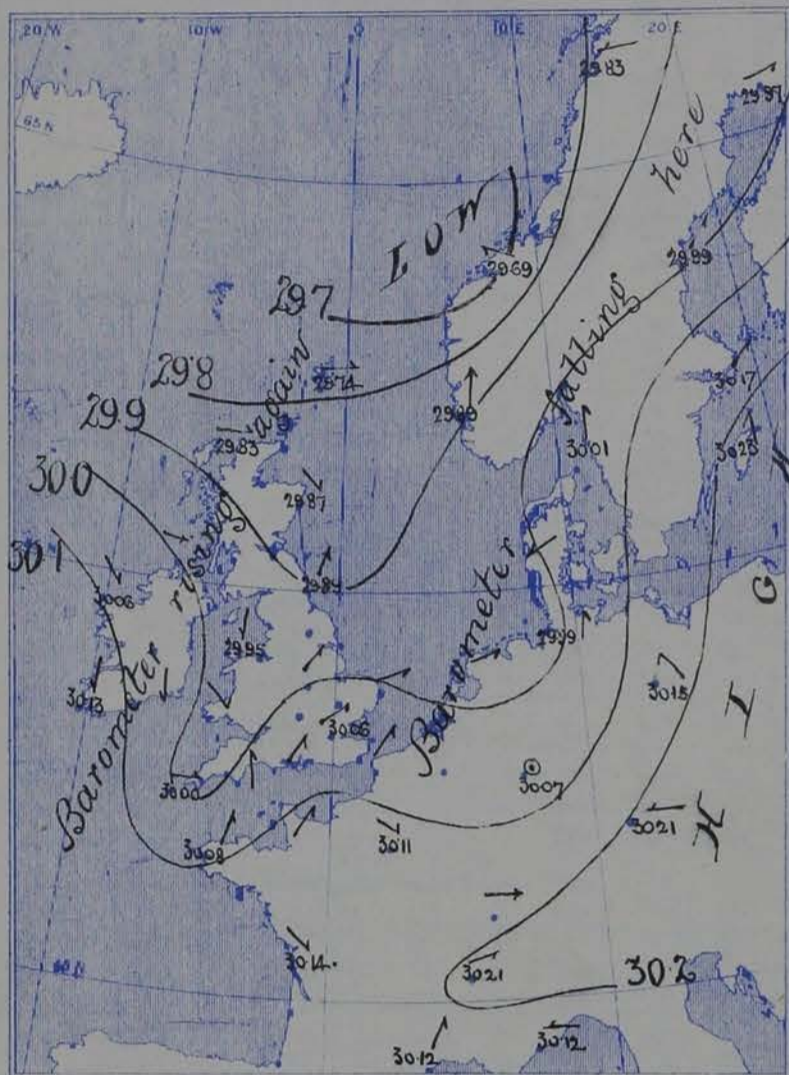
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 3 to 4 →→→ ; Force 1 to 2 →→→ ; Force 1 to 4 →→→ ; Calm ☉

SEA—Rough ≡≡≡ ; High ≡≡≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Seilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards over the Baltic and E.^m and S.^m Germany; as well as in Portugal; 30.1 ins. and upwards over France and the S.W. of Ireland.
 Lowest 29.7 ins. and less in a depression off the W. of Norway.
 Gradients slight generally, but moderate over the S. of Norway.
 Barometer rising in our Islands and France; falling in Scandinavia, Denmark & Germany.

TEMPERATURE

Highest (1) 80° at Nice, 73° at Lyons and 70° at Perpignan; (2) 67° at Stockholm and Christiansund; highest in our Islands 66° at Oxford and Jersey.
 Lowest 54° at Naism, 55° at Sumburgh H., Sornoway and Aberdeen, 56° at Wick, and 57° at Malin H., Donaghadee and Holyhead.
 During yesterday the thermometer rose to 80° and upwards in several parts of Gt. Britain, to 87° at Cambridge, and to 89° in London.

WIND

Light to moderate from the W.^m in Scotland, and from the NW.^m or N.^m in Ireland and Wales.
 Light from the SW.^m over England and the neighbouring parts of the Continent, but varying between S. and E. in Norway, Denmark and Germany; SW.^m in Sweden; variable in the south of France.

WEATHER

Fine over the E.^m and central parts of England, as well as at most of the Continental stations, but dull in Denmark and the S. of Norway, with rain at Skagen & thunder at Copenhagen.
 Dull in the W.^m and N.^m parts of Gt. Britain, with rain or passing showers in many places; fine at most of the Irish stations.
 Thunder and lightning occurred yesterday in several parts of the United Kingdom, and rain fell in most districts, the quantity being, however, as a rule, very small.

SEA

Slight or smooth generally, but moderate off the N. of Scotland, and also at Valentia (Ireland).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A shallow secondary depression which is at present lying over Wales is likely to advance E.^m, and to occasion rain and thunder in most parts of England. In its rear a new anticyclone is apparently spreading in from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 24TH AUGUST 1898

DISTRICTS.

FORECASTS.

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

W.^m to NW.^m winds, moderate, fair generally.
 W.^m to NW.^m winds, moderate, showery at first, then fair.
 Same as No. 5.
 SW.^m to NW.^m winds, light, cloudy at first, with some rain and thunder, then fair, cooler.

DISTRICTS.

FORECASTS.

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

Same as No. 1.
 N.^m and NW.^m winds moderate, cloudy at first, with some rain and thunder, then fair.
 N.^m and NW.^m winds, light, 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.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.10	63	60	S	4	0	2	Valencia ...	29.81	63	61	S	4	0	5
Sumburgh Head ...	29.82	59	57	SSE	3	bc	4	Scilly ...	29.99	68	65	SW	3	0	1
Stornoway ...	29.68	67	63	WSW	4	c	3	Jersey ...	30.09	67	63	WSW	4	c	3
Aberdeen ...	29.84	65	61	S	4	bcg	3	Hurst Castle ...	30.05	69	65	SW	3	bc	2
Shields ...	29.85	66	62	ESE	1	bc	2	Dungeness ...	30.02	67	65	SW	2	0	1
Ardrossan ...	29.80	63	61	S	3	of	3	North Foreland ...	30.02	78	67	S	3	c	2
Malin Head ...	29.72	68	66	S	3	0	1	London (Westminster) ...	29.98	86	70	SSW	3	c	#
Belmullet ...	29.74	62	61	S	3	0	#	Yarmouth ...	29.96	68	65	SSE	3	bc	3
Holyhead ...	29.89	64	63	S	4	compd	3	Rochefort ...	30.06	74	68	WSW	3	m	#

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

Weather in morning cloudy in most parts of the United Kingdom, with fog or mist in many places, and thunderstorms at Dungeness and Yarmouth; fine, however, over the N. of Ireland and the S. of Scotland. Fine at most of the Continental stations, but cloudy or dull in the W. of France. Thunderstorms occurring later in many parts of the United Kingdom, with rain in most districts. Rain falling also at some of the French stations.

Temperature risen in most parts of our Islands and also in Scandinavia, Denmark and the Netherlands, fallen or changed irregularly elsewhere. Morning readings highest 82° at Sanguinaire, Barcelona, Trieste and Patras, and 80° at Toulon; above 75° in many parts of S. Europe, and above 70° over France, the Netherlands and the extreme SE. of England. Lowest (1) 50° at Kharkov, 51° at Moscow, and 54° at Memel and Kiev; (2) 55° at Sumburgh Hd., and 58° at Wick and Aberdeen. Rising during day to 80° and upwards in many parts of Gt. Britain, and to 89° in London; exceeding 90° over France and Belgium, and reaching 94° at Paris.

Wind light from the S. in the west and north of our Islands, but W. or NW. over the Channel and Bay of Biscay, and E. or SE. over the Netherlands and the eastern and central parts of England. Varying S. (SE. to SW) over Scandinavia and Denmark, but NW. in Russia. Variable over the Spanish peninsula and the south of France, as well as in Austria, but N. or NW. in Italy. Subsequently veering to the S. or SW. over the eastern and central parts of England, no important change occurring elsewhere.

Barometer highest 30.4 ins. at Neufahrwasser, 30.1 ins. and upwards in an anticyclone embracing nearly the whole of the Continent. Lowest 29.8 ins. and less in a shallow depression lying off our own extreme NW. coast; small and very shallow secondary system lying over the S. of England. Both disturbances moving N. during day; barometer falling in most parts of W. Europe.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 WEDNESDAY AUGUST 24TH 1898.

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.	TEMPERATURE.	WIND.								TEMP.			
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)	Weather	At 32° Fair. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	Max.	Min.	Rainfall.
		Ina.	°				Ina.	Ina.	°	°	°							°	°	Ina.
SCANDINAVIA.	Haparanda ...	29.80	59	SE	2	o	29.66	-31	58	?	-1	S	4	o	*	o	*	63	43	-
	Hernösand ...	29.84	64	SE	6	o	29.72	-27	60	58	o	S	2	o	*	o	*	73	48	?
	Stockholm ...	30.02	62	S	5	b	29.83	-34	61	60	-6	S	2	o	*	b	*	73	55	-
	Wisby ...	30.10	60	S	4	bc	29.93	-30	66	60	+2	WSE	6	c	*	bc	*	72	55	-
	Karlstad ...	29.92	65	SE	6	b	29.79	-31	62	61	o	SE	2	o	*	at	*	*	*	0.45
	Bodo ...	29.65	60	SE	1	o	29.66	-14	55	50	-6	SE	2	o	1	o	*	70	50	0.20
	Christiansund ...	29.80	52	NE	2	+	29.71	+02	56	49	-11	SE	3	c	3	+	*	67	52	0.25
	Skudesnaes ...	29.92	52	NE	2	o	29.95	+06	58	53	-5	WSE	6	c	2	+	*	63	50	*
	Fierder (Christiania Fjord) ...	29.90	62	S	1	o	29.78	-24	61	59	-1	SE	2	m	3	o	*	64	59	0.28
	Skagen (The Seaw) ...	29.93	64	SE	2	+	29.86	-15	59	54	-4	W	3	b	o	+	*	70	59	0.08
BRITISH ISLANDS.	Faro ...	29.97	63	WSE	2	b	29.99	-02	61	60	-3	W	2	c	*	elt.b	*	77	61	0.28
	Sumburgh Head ...	29.79	55	WSE	4	c	29.80	+06	50	48	-5	W	7	c	6	c	*	60	45	0.03
	Stornoway ...	29.90	56	WSE	5	c	30.05	+22	54	50	-1	WSE	4	bc	4	c	8.2	60	49	0.03
	Wick ...	29.92	61	W	4	c	30.03	+16	55	52	-1	W	6	c	2	c	*	65	50	-
	Nairn ...	29.95	62	SE	3	b	30.07	+18	58	52	+4	W	3	c	3	b	*	67	50	-
	Aberdeen ...	29.96	57	S	2	bc	30.08	+21	56	49	+1	W	3	bc	2	bc	4.5	66	44	-
	Leith ...	29.97	63	WSE	2	b	30.11	+27	60	54	-2	WSE	3	bc	*	b	*	72	50	-
	Shields ...	30.01	58	WSE	2	c	30.12	+23	54	51	-9	W	3	b	2	c	*	71	45	-
	Spurn Head ...	29.97	67	WSE	3	c	30.16	+19	59	52	-7	W	4	b	3	p.c	*	76	52	-
	York ...	29.98	68	W	2	c	30.16	+21	55	51	-8	W	1	b	*	o.c	1.8	72	44	-
GERMANY & HOLLAND.	Loughborough ...	30.03	65	WSE	2	c	30.20	+21	56	51	-8	W	2	bc	*	c.b.c	*	74	46	-
	Ardrossan ...	30.04	60	W	4	bc	30.15	+21	59	55	+1	W	4	c	3	bc	*	65	54	-
	Malin Head ...	30.06	57	WSE	5	bc	30.17	+22	56	52	-1	WSE	3	c	2	bc.bcp	*	61	54	-
	Belmullet ...	30.15	59	WSE	1	o	30.25	+19	57	54	-2	WSE	2	o	*	bc.o	*	61	52	0.07
	Donaghadee ...	30.08	58	W	3	b	30.21	+26	57	52	o	WSE	3	c	1	b	*	65	53	-
	Liverpool (Bidston) ...	30.07	60	WSE	3	b	30.20	+26	58	50	-7	WSE	3	o	2	+	*	65	53	0.13
	Holyhead ...	30.11	57	W	0	c	30.23	+28	59	55	o	W	2	o	1	b.c	*	61	53	-
	Parsonstown ...	30.14	62	W	2	bc	30.27	+20	57	53	-1	W	0	o	*	bc	8.8	65	53	-
	Valencia ...	30.21	61	W	2	bc	30.28	+15	59	56	-1	W	0	c	1	cr.bv	8.0	63	55	-
	Roche's Point ...	30.16	63	WSE	3	bc	30.29	+21	58	55	-2	W	1	c	2	bc	*	66	53	-
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.) ...	30.14	58	WSE	3	c	30.25	+28	58	54	-3	W	3	o	3	c	3.9	62	56	-
	Scilly ...	30.14	61	WSE	4	c	30.25	+25	62	58	-1	W	2	c	2	o.c	1.2	65	58	-
	Prawle Point ...	30.06	64	WSE	3	c	30.24	+21	64	59	+3	WSE	2	c	1	c	*	70	53	-
	Jersey (St. Aubin's) ...	30.09	68	W	3	c	30.18	+07	64	59	-2	WSE	3	bc	3	c.p.b	*	73	59	0.02
	Hurst Castle ...	30.06	65	SE	3	cm	30.19	+13	62	57	-3	WSE	3	b	2	ap.d	*	69	55	-
	Dungeness ...	30.06	64	SE	4	bc	30.11	+04	63	59	o	WSE	2	bc	1	b.b	*	69	59	-
	North Foreland ...	30.05	69	SE	2	bc	30.13	+07	61	58	-2	WSE	4	o	2	bc	*	76	58	-
	London (Brixton) ...	30.04	70	SE	2	c	30.16	+10	60	53	-4	W	3	b	*	c.b	4.0	77	57	-
	Oxford ...	30.06	65	SE	2	p	30.21	+18	59	52	-7	W	3	b	*	c.p.b	*	74	52	0.08
	Cambridge ...	30.02	71	SE	3	o	30.17	+14	58	52	-7	W	3	o	*	o	6.5	79	55	-
PENIN- SULA.	Yarmouth ...	29.99	74	W	2	b	30.10	+10	62	58	-3	WSE	4	bc	3	b	*	75	59	-
	Cuxhaven ...	30.00	68	WSE	2	elt	30.02	+03	65	63	-1	W	2	c	*	elt	*	77	63	0.12
	Berlin ...	29.99	77	W	0	b	30.04	-11	66	64	+2	WSE	3	c	*	b	*	88	64	-
	Wiesbaden ...	30.11	65	W	3	*	30.11	+04	65	64	-4	W	0	c	*	*	*	84	61	0.32
	Munich ...	30.20	71	W	5	o	30.20	-01	66	62	+4	WSE	3	o	*	o	*	82	59	0.04
	The Helder ...	30.02	64	WSE	1	o	30.03	+08	64	63	-5	WSE	1	o	1	o	*	70	55	0.28
	Brussels ...	30.11	64	W	2	b	30.11	+03	64	62	-2	W	1	c	*	b	*	75	55	0.04
	Cape Gris Nez ...	30.13	64	W	2	b	30.13	+02	64	61	+1	WSE	2	m	1	b	*	68	61	-
	Paris ...	30.09	75	W	2	b	30.13	+02	64	61	-1	W	2	+	*	b	*	78	61	0.04
	Brest ...	30.15	63	W	3	b	30.24	+16	58	56	-5	W	1	b	1	b	*	70	52	-
GERMANY & HOLLAND.	Lorient ...	30.12	67	W	4	c	30.22	+05	59	58	-7	WSE	3	bc	3	c	*	88	59	-
	Rocheport ...	30.16	71	WSE	4	o	30.17	+03	66	65	-2	W	4	o	*	b.o	*	81	64	0.08
	Belfort ...	30.12	74	W	3	c	30.16	+05	64	62	-5	W	2	m	*	c	*	83	60	-
	Lyons ...	30.16	66	S	1	+	30.16	-05	68	63	-5	WSE	1	b	*	elt	*	84	57	0.55
	Nice ...	30.04	81	W	0	o	30.05	-07	71	66	-9	W	0	bc	1	o	*	90	68	-
	Perpignan ...	30.11	81	W	2	o	30.17	+05	75	66	+5	WSE	2	b	*	o	*	91	68	-
	Biarritz ...	30.17	73	WSE	2	b	30.22	+07	69	65	+1	WSE	4	bc	2	b	*	79	66	-
	Corunna ...	30.21	69	SE	5	b	30.20	-03	73	67	+4	W	4	b	*	b	*	82	66	-
	Lisbon ...	30.31	71	SE	1	o	30.28	-02	71	70	o	WSE	2	o	2	+	*	75	70	0.04
	Azores (P. Delgada) ...	30.31	71	SE	1	o	30.28	-02	71	70	o	WSE	2	o	2	+	*	75	70	0.04

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 4.5 hrs;

WEATHER CHARTS

FOR Wednesday, 24th August, 1898

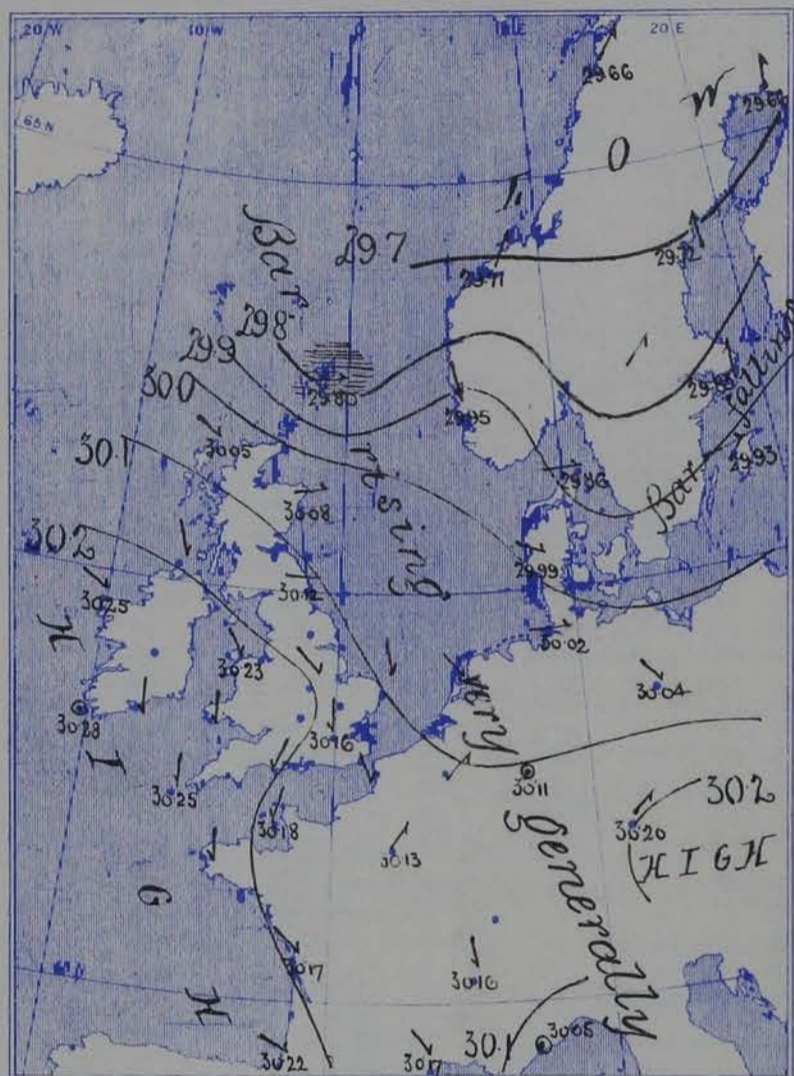
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → ; Force 5 to 7 → ; Force 8 to 10 → ; Force 1 to 4 → ; Calm ☉

SEA—Rough ≡ ; High ≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.						RAINFALL.		BRIGHT SUNSHINE.	
		Means of				Absolute Extremes.		Means, 1866—95.	Hours.	Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.	Per cent. of possible.	
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	1893	46*	1887, 90	1.84	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE	Highest 30.2 ins. and upwards in an anticyclone lying over all the more W. parts of our Islands, and also over the extreme W. of France. Lowest 29.7 ins. and less in a large shallow depression over the N. parts of Scandinavia. Gradients slight generally, but moderate off the N. of Scotland. Barometer rising at all but the Scandinavian stations.
TEMPERATURE	Highest 75° at Perpignan, 73° at Lisbon, 71° at Nice, 69° at Biarritz, and 68° at Lyons; highest in our Islands, 64° at Grouse Point and Jersey. Lowest 50° at Sumburgh H., 54° at Stornoway and Shields, and 55° at Wick, York and Bodo. The maxima registered over St. Britain yesterday were lower than of late, the highest readings reported being 79° at Cambridge, 77° in London, and 76° at Spurn H. & the N. Foreland.
WIND	W. in Scotland, and strong in force in Caithness and the Shetlands; light from the SW. or S.W. over Scandinavia. Light to moderate from the NW. or N. over the greater part of Ireland, England and France; W. over Denmark, Germany and the Netherlands.
WEATHER	Fine over the United Kingdom generally, but dull on several parts of our W. coasts. Cloudy or dull at most of the Continental stations, with rain at Paris and also at Karlstad; fine in the west and south of France. Slight rain fell yesterday at some of the English and Irish stations, and also in the N. of Scotland. Rain also fell in many parts of the Continent, and thunderstorms occurred at Fano, Cusshaven and Lyons.
SEA	Slight or smooth generally, but rough at Sumburgh Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the west is spreading eastwards, and fair dry weather seems likely to continue for a time over nearly the whole Kingdom.

FORECASTS

For the 24 hours ending at NOON on 25TH AUGUST, 1898

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	W. winds, strong at first, fair generally.
1	SCOTLAND EAST	W. winds, light, fair generally.
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NW. winds, light, fair generally.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No. 1.
7	ENGLAND N.W.	Same as No. 5.
8	ENGLAND S.W.	N. to NW. winds, light, fair generally.
9	IRELAND NORTH	NW. to W. or SW. winds, moderate, fair at first, showery 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.							Dry.	Wet.				
Skudesnaes ...	29.89	61	60	S	4	T	4	Valencia ...	30.18	63	59	NW	3	CV	4
Sumburgh Head ...	29.81	58	55	W	3	C	4	Scilly ...	30.08	63	60	NW	4	O	3
Stornoway ...	29.88	59	54	NW	5	C	5	Jersey ...	30.09	71	67	SE	3	CGP	3
Aberdeen ...	29.93	62	55	SE	3	bc	3	Hurst Castle ...	30.07	66	65	SW	4	OPD	2
Shields ...	29.95	70	64	NW	3	C	2	Dungeness ...	30.06	67	63	SW	4	b	3
Ardrossan ...	30.01	65	60	W	5	bc	3	North Foreland ...	30.05	75	65	NW	3	bc	2
Malin Head ...	30.05	59	55	NW	6	bc	3	London (Westminster) ...	30.03	77	66	SW	3	C	#
Belmullet ...	30.14	61	58	NW	2	bc	#	Yarmouth ...	30.00	75	65	NW	2	b	2
Holyhead ...	30.08	61	58	NW	3	b	2	Rochefort ...	30.16	81	76	NW	3	b	#

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

Weather in morning fine over the E^m and central parts of England, and also over the greater part of the Continent, but dull in Denmark and the S. of Norway, with rain at Skagen and thunder at Farsø; thunderstorm reported also at Limoges. Cloudy in the W^m and N^m parts of Gt. Britain, with rain in several places; fine at most of the Irish stations. Slight rain falling later in some parts of England and Ireland, and also in the N. of Scotland; larger quantities reported at several of the Scandinavian stations, with thunderstorms at Farsø, Cuxhaven & Lyons.

Temperature fallen in most parts of W^m and S^m Europe, but risen in the N^m countries. Morning readings highest 82° at Sangüinaria, 81° at Toulon, Barcelona and Patras, and 80° at Nice, above 70° over S^m Europe generally, and above 65° at some of the English and Scandinavian stations. Lowest (1) 49° at Archangel, 51° at Kharkov, and 52° at Kiev; (2) 54° at Nain, and 55° at Sumburgh H^t, Stornoway and Aberdeen. Rising during day to 75° and upwards in the E. and SE. of England and to 79° at Cambridge. Exceeding 85° in many parts of France and Germany, and reaching 90° at Nice, and 91° at Perpignan.

Wind moderate from the Wnd in Scotland, and from the NWnd or Nnd over Ireland and the neighbouring Channels; light from the SWnd over the greater part of England and France, and from between S. and E. over Norway, Denmark and Germany. SWnd in Sweden; NWnd over the central and southern parts of Russia. Variable over S^m Europe as a whole. Subsequently veering to the Nnd in the west and north of England, but remaining SWnd in the southeast.

Barometer highest 30.3 ins. and upwards over SW^m Russia and the neighbouring parts of Germany and Austria; 30.2 ins. and upwards in an anticyclone embracing the greater part of central and E^m Europe, and also in another system off the Portuguese coasts. Lowest 29.7 ins. and less in a depression off the W. of Norway; shallow secondary systems reported over various parts of Gt. Britain and the North Sea. Main disturbance and secondaries moving later End or NEnd, and barometer rising in most parts of W^m Europe.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 AUGUST 25TH 1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 5.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Max.	Min.	Rainfall.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°								°	°	Ins.		
Haparanda	29.91	56	SW	2	0	29.58	-0.08	55	49	-3	NW	4	b	0	0	61	41	—		
Hernösand ...	...	29.69	54	2	0	b	29.82	+1.10	53	47	-7	NW	4	c	b	66	52	0.04		
Stockholm ...	...	29.80	61	SW	2	b	29.84	+0.01	58	52	-3	NW	4	b	b	70	53	—		
Wisby ...	...	29.89	63	SW	6	bc	29.92	-0.01	58	52	-8	NW	4	c	bc	70	53	—		
Karlstad ...	...	29.81	60	SW	2	b	29.89	+1.08	53	48	-9	NW	4	c	b	—	—	—		
Bodö ...	...	29.54	51	S	4	+	29.48	-0.06	50	48	-5	SW	8	+	+	57	45	0.63		
Christiansund ...	...	29.80	51	W	8	+	29.94	+2.14	49	46	-7	W	8	+	+	56	46	0.08		
Skudesnaes ...	...	30.04	52	NW	4	0	30.13	+0.09	51	47	-7	N	2	0	2	58	48	—		
Færder (Christiania Fjord)	...	29.83	62	W	4	b	29.94	+1.11	56	50	-5	NW	4	b	b	66	54	—			
Skagen (The Scaw)	...	29.95	57	NW	5	b	29.98	+0.03	57	52	-2	NW	3	b	b	64	54	—			
Fanö ...	...	30.12	57	NW	2	c	30.14	+0.02	57	51	-4	NW	2	c	c	66	54	—		
Sumburgh Head	...	30.01	53	NW	5	b	30.10	+0.09	50	50	0	NW	1	c	4	55	49	0.03			
Stornoway ...	...	30.16	53	NW	4	0	30.10	+0.05	52	51	0	SW	4	c	4	60	49	—		
Wick ...	...	30.17	56	NW	5	bc	30.17	+0.00	53	52	0	SW	3	0	1	61	48	—		
Nairn ...	...	30.18	57	W	1	c	30.17	+0.00	59	50	-1	SW	2	c	1	63	41	—		
Aberdeen ...	...	30.18	58	NW	2	b	30.20	+0.02	53	49	-3	NW	1	cm	1	62	42	—		
Leith ...	...	30.16	61	NW	2	b	30.20	+0.04	57	51	-3	NW	3	bm	0	71	44	—		
Shields ...	...	30.20	59	E	2	c	30.23	+0.03	51	48	-3	NW	3	bm	2	62	46	—		
Spurn Head ...	...	30.21	59	NW	2	c	30.25	+0.04	61	59	+4	SE	2	0	2	64	54	—		
York ...	...	30.21	63	NW	1	bc	30.24	+0.03	55	51	0	NW	1	b	0	66	46	—		
Loughborough ...	...	30.23	65	NW	2	bc	30.27	+0.04	53	51	-3	2	0	bc.m	0	65	48	—		
Ardrossan ...	...	30.25	59	W	3	b	30.19	+0.04	53	50	-6	SE	2	of	1	65	46	—		
Malin Head ...	...	30.24	57	NW	4	bc	30.13	-0.04	59	53	+1	SW	4	bc	2	59	52	—		
Belmullet ...	...	30.27	60	NW	1	0	30.08	-0.17	59	56	0	SE	3	+	0	62	52	0.23		
Donaghadee ...	...	30.25	59	NW	3	bc	30.21	0.00	59	59	+2	SW	4	bc	2	62	54	—		
Liverpool (Bidston)	...	30.25	58	NW	3	0	30.26	+0.06	58	54	0	2	0	b	1	62	52	—			
Holyhead ...	...	30.27	58	W	1	c	30.24	+0.01	58	56	+1	SE	1	bm	1	62	49	—		
Parsonstown ...	...	30.25	61	2	0	0	30.17	-0.10	59	52	0	SE	1	0	0	64	48	—		
Valencia ...	...	30.24	61	2	2	c	30.10	-0.18	62	59	+3	SE	4	0	4	65	58	—		
Roche's Point ...	...	30.29	61	SW	2	c	30.20	-0.09	61	58	+3	2	4	c	3	64	54	—		
Pembroke (St. Ann's Hd.)	...	30.28	59	NW	3	bc	30.25	0.00	59	52	-1	SE	2	b	1	62	50	—			
Scilly ...	...	30.27	62	NW	1	c	30.21	-0.04	63	60	+1	SE	3	c	0	66	58	—		
Prawle Point ...	...	30.26	60	N	2	c	30.25	+0.01	63	59	-1	SE	1	bc	1	69	51	—		
Jersey (St. Aubin's)	...	30.26	65	NW	3	b	30.24	+0.06	63	59	-1	NW	3	bm	3	68	54	—			
Hurst Castle ...	...	30.21	62	NW	2	bm	30.25	+0.06	59	57	-3	SE	1	bm	1	71	54	—		
Dungeness ...	...	30.17	63	SE	3	c	30.23	+0.06	61	56	-2	SE	3	b	2	67	55	—		
North Foreland	...	30.20	60	NE	3	b	30.25	+0.05	60	56	-1	N	4	c	3	64	56	—			
London (Brixton) ...	...	30.20	65	N	2	b	30.26	+0.06	59	53	-1	NE	2	0	0	72	52	—		
Oxford ...	...	30.26	58	NW	2	0	30.27	+0.06	59	54	-2	2	0	0	0	66	52	—		
Cambridge ...	...	30.21	63	N	1	0	30.28	+0.07	56	54	-2	N	1	bm	0	70	48	—		
Yarmouth ...	...	30.17	60	NW	3	b	30.23	+0.06	60	55	-2	NW	3	b	3	64	52	—		
Cuxhaven ...	...	30.06	64	N	2	0	30.15	+0.09	59	56	-6	NW	3	c	0	68	59	—		
Berlin ...	...	30.04	71	2	0	bc	30.08	+0.04	61	60	-5	N	5	0	0	77	59	0.12		
Wiesbaden ...	...	30.12	64	2	0	+	30.12	+0.01	66	63	+1	N	1	0	0	75	63	0.04		
Munich ...	...	30.17	64	2	0	+	30.16	-0.04	63	61	-3	W	1	0	0	72	59	0.04		
The Helder ...	...	30.13	61	N	2	bc	30.21	+0.08	62	54	-2	NW	2	bc	1	66	59	—		
Brussels ...	...	30.22	61	NE	2	m	30.22	+0.11	59	53	-5	NW	2	0	0	73	53	—		
Cape Gris Nez ...	...	30.14	68	NW	3	bc	30.19	+0.06	60	59	-4	NW	2	c	2	64	53	—		
Paris ...	...	30.26	64	N	2	0	30.24	0.00	58	55	0	NE	1	c	0	74	59	—		
Brest ...	...	30.24	65	N	4	0	30.25	+0.03	58	53	-1	N	3	bc	2	70	52	—		
Lorient ...	...	30.24	65	N	4	0	30.25	+0.03	58	53	-1	N	3	bc	2	86	59	—		
Rochefort ...	...	30.20	67	NW	4	c	30.18	+0.01	63	62	-3	NW	2	c	0	72	61	—		
Belfort ...	...	30.04	71	W	3	c	30.09	-0.07	63	62	-1	W	1	m	0	80	60	—		
Lyons ...	...	30.10	70	NW	3	b	30.12	-0.04	64	60	-4	NW	2	0	0	80	61	0.20		
Nice ...	...	29.99	74	W	1	c	29.94	-0.05	72	66	+1	SE	1	c	1	84	68	—		
Perpignan ...	...	30.12	75	NW	4	bc	30.13	-0.04	68	57	-7	NW	4	bc	0	85	64	—		
Biarritz ...	...	30.22	72	NW	3	bc	30.19	-0.03	68	61	-1	N	3	bc	2	75	64	—		
Corunna ...	...	30.13	73	NW	6	b	30.08	-0.05	79	66	+6	NW	4	b	0	86	72	—		
Lisbon ...	...	30.30	70	NE	3	bc	30.26	-0.02	71	67	0	NE	1	c	2	79	68	—		
Azores (P. Lelgada)	...	30.30	70	NE	3	bc	30.26	-0.02	71	67	0	NE	1	c	2	79	68	—			

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 1.8 hrs.

WEATHER CHARTS

FOR Thursday, 25th August, 1898

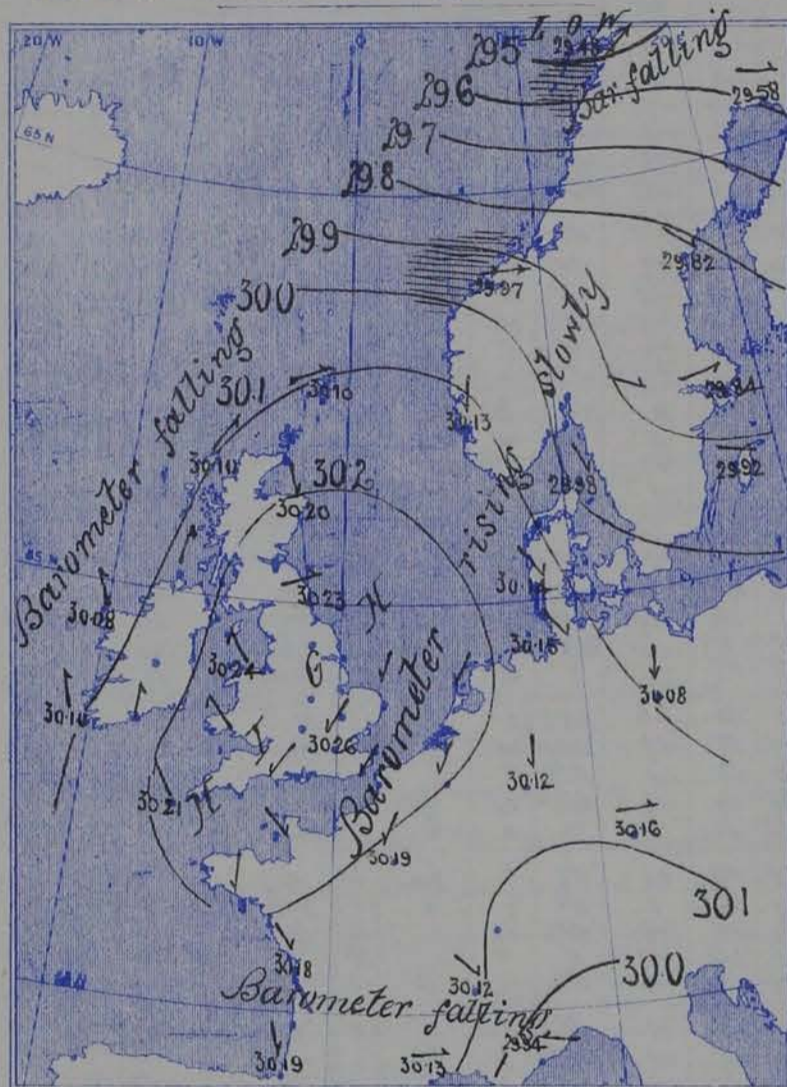
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : }
Force 8 to 10 → : Force 1 to 4 → : } Calm ☉

SEA—Rough → : High →



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards in an anticyclone lying over England and the adjacent parts of the Continent.
Lowest 29.5 ins. and less in a depression lying off the northern parts of the Norwegian coast.
Gradients slight generally, but moderate over the north of Scandinavia.
Barometer falling in the west and north of our Islands and also in the west of France and the north of Scandinavia; rising a little elsewhere.

TEMPERATURE

Highest 79° at Lisbon, 72° at Nice and 68° at Perpignan and Biarritz; highest in our Islands 63° at Seilly, Pwllheli and Jersey.
Lowest 49° at Christiansund, 55° at Bodø and Summbugh H., 51° at Skudenes and Shields, and 53° at Havn, Kailstad, Aberdeen, Ardrossan and Loughborough.

The maxima registered over our Islands yesterday were below 65° at most of the coast stations in the W., N. and E., and below 70° in nearly all other places. At Leith and Hunt Castle, however, the thermometer rose to 71°, and in London to 72°.

WIND

Light from the NE. in the southeast of England and from the N. over the greater part of France and the Netherlands, but SE. in Wales and the southwest of England.

Moderate from the S. in Ireland, and from the SW. in Scotland.

Strong to a gale from the W. or SW. on the west coast of Norway; moderate from W. or NW. over Sweden, Denmark and Germany.

WEATHER

Fair or fine over W. Europe as a whole, but dull in the W. of Ireland with rain at Belmullet. Dull also in Germany and the W. of Norway, with rain at Bodø and Christiansund.

A little rain fell yesterday in Germany and central France, but over nearly the whole of our Islands the weather remained very dry.

SEA

Slight or smooth generally, but rather rough off the W. of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is moving eastwards, and a depression of considerable size, though apparently of no great depth, is approaching our W. coasts. Freshening S. winds, and rain, are probable in Ireland and Scotland, but over the greater part of England the weather is likely to continue fine and dry for the present.

FORECASTS

For the 24 hours ending at NOON on 26TH AUGUST 1898

DISTRICTS.

FORECASTS.

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

S. and SW. winds freshening; dull, unsettled, some rain.
S. and SW. winds freshening; fine at first, cloudy later, with some showers.
SW. winds, light, fine generally.
N. to variable breezes, fine generally.

DISTRICTS.

FORECASTS.

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

Same as No. 0.

Same as No. 1.

SE. to S. winds, moderate, fair generally.

S. winds, freshening considerably, cloudy, some rain.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	30.00	57	52	NW	6	C	2	Valencia	30.27	64	57	N	0	C	1
Sumburgh Head	29.96	54	50	NW	6	C	6	Scilly	30.28	64	59	NW	3	C	1
Stornoway	30.14	56	50	NW	4	C	4	Jersey	30.25	67	59	N	4	b	3
Aberdeen	30.14	61	57	N	3	bc	2	Hurst Castle							
Shields	30.18	60	54	N	2	C	2	Dungeness	30.16	64	59	NW	3	0	2
Ardrossan	30.21	63	55	N	3	bc	2	North Foreland	30.18	63	59	N	3	0	2
Malin Head	30.23	59	56	NW	3	bc	3	London (Westminster)	30.18	67	55	NW	3	bc	*
Bolmullet	30.27	62	56	NW	1	b	*	Yarmouth	30.15	63	58	N	4	bc	4
Holyhead	30.27	61	58	NW	2	C	1	Rocheport	30.21	70	67	NW	4	C	*

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

Weather in morning fine over the United Kingdom generally, but dull at several of our western stations. Cloudy over the W^m and N^m parts of the Continent, with rain at Paris and Limoges, and also at Karlsruhe; fine over E^m, central and S^m Europe. A little rain falling later in Germany and also in some parts of Sweden and central France, and larger quantities in the W. of Norway, but weather remaining dry over nearly the whole of our islands.

Temperature fallen in most of the W^m and N^m countries, changed rather irregularly elsewhere. Morning readings, highest 82° at Rome and Sangunaire, 80° at Leghorn, and 78° at Toulon, Barcelona, Brindisi and Patras; above 70° in many parts of S^m Europe. Lowest (1) 50° at Sumburgh H^d, and 54° at Stornoway and Shields; (2) 53° at Kharkov, and 55° at Moscow. Daily maxima below 65° on many parts of our own coasts, but thermometer reaching 71° at Leth and Hurst Castle, and 72° in London. Exceeding 80° in the W. and S. of France, and 86° at Lorient as well as at Lisbon.

Wind W^m in Scotland and strong in force in Caithness and the Shetlands; light to moderate from the NW^m or N^m over the greater part of Ireland and England, and also in the west and south of France, but W^m or SW^m over Belgium and central France. W^m or NW^m over Denmark and Germany; S^m or SW^m over Finland, Scandinavia and the Baltic. Calm or variable over Austria and the South of Russia and also in the south of France; N^m or NW^m over central and southern Italy. Subsequently veering to the NW^m in Scotland, but shifting to the S^m in the south of Ireland.

Barometer highest 30.2 ins. and upwards in an anticyclone extending from the Atlantic over Ireland and the W^m parts of Gt. Britain and France, and also in another system over the S. of Russia and the neighbouring parts of Austria. Lowest 29.7 ins. and less in a large shallow depression over the N^m parts of Scandinavia; 30.0 ins. and less over Asia Minor. New depression beginning to approach our own W^m coasts 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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 26th August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		Weather	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.				Force (0 to 12.)	Weather.	Max.	Min.	Rainfall.
SCANDINAVIA.	Haparanda ...	Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
	Hernösand ...	29.63	50	Z	0	b	29.73	+1.5	49	46	- 6	WNW	2	e	#	b	#	61	43	-	
	Stockholm ...	29.95	51	Z	0	b	30.00	+1.8	52	45	- 1	WNW	4	bc	#	b	#	59	45	-	
	Wisby ...	30.00	55	Z	0	C	30.11	+2.7	55	52	- 3	WSW	2	o	#	c	#	64	50	-	
	Karlstad ...	30.02	57	E	4	b	30.11	+1.9	60	53	+ 2	E	2	b	#	b	#	63	54	-	
		30.01	57	NE	1	o	30.10	+2.1	53	51	0	W	2	b	#	o	#	#	#	-	
	Bodö ...	29.74	50	W	6	C	29.86	+3.8	49	45	- 1	WSW	6	o	4	C	#	52	46	0.63	
	Christiansund ...	30.06	51	W	6	o	30.02	+0.5	52	48	+ 3	SE	1	c	4	o	#	52	48	0.08	
	Skudesnaes ...	30.16	53	WNW	2	b	30.10	-0.3	55	51	+ 4	SE	6	o	3	bc	#	58	46	-	
	Færder (Christiania Fjord)	30.02	60	WSW	4	b	30.09	+1.5	55	51	- 1	WNW	1	bc	1	b	#	61	54	-	
BRITISH ISLANDS.	Skagen (The Scaw)	30.06	55	WNW	1	b	30.12	+1.4	57	54	0	W	2	bc	0	b	#	64	52	-	
	Fanö ...	30.18	56	WNW	5	C	30.20	+0.6	59	55	+ 2	WNW	4	c	#	C	#	61	53	-	
	Sumburgh Head	30.01	53	S	2	o	29.82	-2.8	54	54	+ 4	S	2	C	4	o	#	56	48	0.02	
	Stornoway ...	29.91	58	SW	6	o	29.76	-3.4	58	57	+ 4	SW	4	r	4	o	0.4	60	51	0.08	
	Wick ...	30.03	56	S	3	o	29.84	-3.3	57	56	+ 2	SSW	1	o	1	o	#	61	50	0.01	
	Nairn ...	29.99	63	SW	1	C	29.85	-3.2	62	57	+ 5	Z	0	C	1	C	#	68	55	-	
	Aberdeen ...	30.05	58	S	2	C	29.89	-3.1	61	55	+ 8	SSW	3	bc	2	C	3.2	61	53	-	
	Leith ...	30.09	62	WSW	1	o	29.93	-2.7	59	56	+ 2	WSW	2	om	#	o	#	65	52	-	
	Shields ...	30.11	56	SE	2	o	30.01	-2.2	55	53	+ 4	SW	3	o	2	o	#	66	49	-	
	Spurn Head ...	30.18	61	SE	4	b	30.09	-1.6	58	56	- 3	S	4	C	4	b	#	64	55	-	
GERMANY & HOLLAND.	York ...	30.14	66	WNW	1	b	30.06	-1.8	56	54	+ 1	S	1	C	#	b	10.7	69	52	-	
	Loughborough ...	30.17	68	SE	1	b	30.07	-2.0	58	55	+ 5	SE	2	cmw	#	bc, cm, c	#	71	50	-	
	Ardrossan ...	30.07	60	SSE	3	o	29.90	-2.9	59	58	+ 6	SSE	4	om	3	C, O	#	63	52	-	
	Malin Head ...	29.97	61	SSW	5	o	29.82	-3.1	60	60	+ 3	S	4	cm	2	o	#	65	57	-	
	Belmullet ...	29.97	62	SSW	4	om	29.78	-3.0	61	61	+ 4	S	3	o	#	0, om	#	62	56	0.04	
	Donaghadee ...	30.08	59	SSW	5	C	29.93	-2.8	58	57	- 1	SSW	5	o	3	C	#	65	56	0.07	
	Liverpool (Bidston)	30.12	65	SSE	2	C	29.97	-2.9	55	54	- 3	SE	3	r	3	C	#	68	53	0.01	
	Holyhead ...	30.12	59	SSW	3	cm	29.93	-3.1	57	57	- 1	E	1	gmr	1	bc, cm	#	66	56	0.48	
	Parsonstown ...	30.03	60	SE	2	r	29.90	-2.7	62	61	+ 5	Z	0	o	#	C, p, r	2.5	68	56	1.06	
	Valencia ...	29.96	64	S	2	rm	29.93	-1.7	61	60	- 1	SSE	2	om	3	ag, rm	0.0	66	58	0.35	
FRANCE & BELGIUM.	Roche's Point ...	30.03	62	S	5	rm	29.95	-2.5	61	61	0	W	3	f	3	rm	10.4	63	58	0.20	
	Pembroke (St. Ann's Hd.)	30.14	61	S	3	b	29.92	-3.3	61	61	+ 4	WSW	4	og	4	b, r	#	63	56	0.24	
	Scilly ...	30.12	64	S	3	C	30.01	-2.0	63	62	0	W	4	m	2	C	5.2	71	60	0.06	
	Prawle Point ...	30.20	60	SSE	2	b	30.05	-2.0	60	59	- 3	SSW	4	og, r	3	C, rm	#	65	58	0.08	
	Jersey (St. Aubin's)	30.21	66	WNW	3	bm	30.13	-1.1	66	61	+ 3	SW	3	cm	3	b, bm	#	69	52	-	
	Hurst Castle ...	30.19	65	SSW	2	bm	30.10	-1.5	64	61	+ 5	S	3	cm	1	bc, bm	#	69	59	-	
	Dungeness ...	30.19	62	EHE	2	b	30.13	-1.0	63	59	+ 2	SSE	3	bc	2	b	#	68	59	-	
	North Foreland	30.21	61	EHE	3	b	30.15	-1.0	63	60	+ 3	SE	3	b	2	b	#	66	58	-	
	London (Brixton) ...	30.19	65	EHE	2	b	30.12	-1.4	61	58	+ 2	S	2	bc	#	b, c	7.5	74	49	-	
	Oxford ...	30.17	60	SSW	2	bc	30.08	-1.9	58	55	+ 1	SSE	2	o	#	bc, o	#	70	50	-	
PENIN- SULA.	Cambridge ...	30.19	67	SSW	1	b	30.11	-1.7	60	58	+ 4	S	2	cw	#	b	10.6	72	49	-	
	Yarmouth ...	30.21	62	ESE	3	b	30.13	-1.0	63	59	+ 3	SSE	4	b	3	b	#	65	58	-	
	Cuxhaven ...	30.19	59	WNW	2	C	30.22	+0.7	58	57	- 1	Z	0	o	#	C	#	63	57	-	
	Berlin ...	30.16	61	Z	0	b	30.25	+1.7	57	51	- 4	WNW	3	b	#	b	#	72	52	-	
	Wiesbaden ...	#	#	#	#	#	30.21	+0.9	61	58	- 5	N	1	o	#	#	#	73	55	-	
	Munich ...	30.17	61	W	1	b	30.23	+0.7	56	56	- 7	E	1	f	#	b	#	68	52	0.55	
	The Helder ...	30.22	60	NE	1	b	30.19	-0.2	60	54	- 2	SSE	1	bc	0	b	#	63	48	-	
	Brussels ...	#	#	#	#	#	30.19	-0.3	62	55	+ 3	ESE	2	b	#	b	#	70	48	-	
	Cape Gris Nez ...	#	62	E	2	b	#	#	60	55	+ 1	SSE	1	m	1	b	#	68	54	-	
	Paris ...	30.16	65	N	2	b	30.19	-0.0	55	53	- 5	WNW	1	b	#	b	#	71	50	-	
GERMANY & HOLLAND.	Brest ...	30.20	66	WSW	1	b	30.10	-1.4	62	61	+ 4	S	2	r	2	b	#	70	55	0.32	
	Lorient ...	30.17	65	W	4	C	30.14	-1.1	63	59	+ 5	S	2	C	2	C	#	70	55	-	
	Rocheport ...	30.12	68	WNW	2	bc	30.14	-0.4	62	59	- 1	NE	2	b	#	bc	#	75	57	-	
	Belfort ...	30.04	68	Z	0	o	30.14	+0.5	58	57	- 5	EHE	4	m	#	o	#	75	56	-	
	Lyons ...	30.09	69	N	1	C	30.14	+0.2	62	59	- 2	N	1	o	#	C	#	75	60	-	
	Nice ...	29.96	66	NE	5	r	29.99	+0.5	68	61	- 4	Z	0	C	1	r	#	81	64	0.35	
	Perpignan ...	30.04	74	WNW	5	C	30.10	-0.3	70	61	+ 2	WNW	3	b	#	C	#	78	66	-	
	Biarritz ...	30.15	72	WNW	3	bc	30.13	-0.6	64	59	- 4	SE	3	b	2	bc	#	73	61	-	
	Corunna ...	#	#	#	#	#	30.19	-0.3	62	55	+ 3	ESE	2	b	#	b	#	70	48	-	
	Lisbon ...	30.02	75	WNW	6	b	30.02	-0.6	75	64	- 4	N	4	b	#	b	#	91	72	-	
PENIN- SULA.	Azores (P. Delgada)	30.26	70	NE	1	bc	30.23	-0.3	72	69	+ 1	Z	0	C	2	bc	#	79	68	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport...6.3 hrs;

WEATHER CHARTS

FOR *Friday, 26th August, 1898*

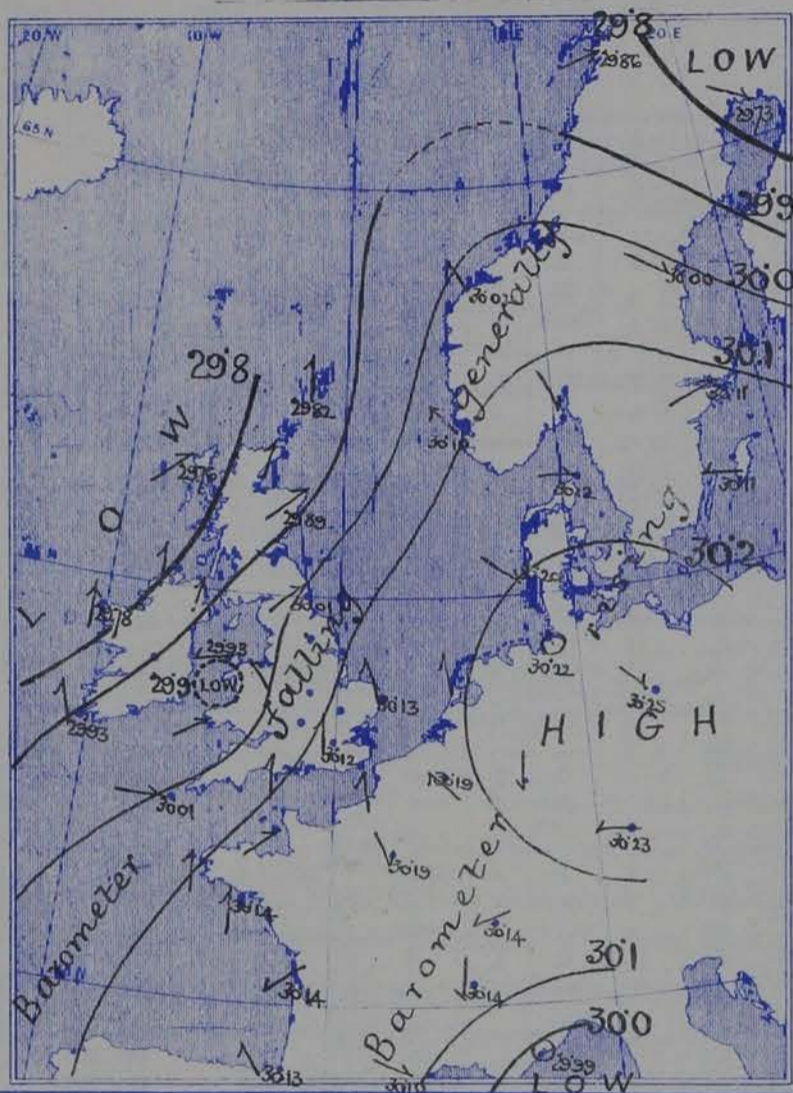
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Fembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards over Germany; 30.1 ins. and upwards in an anticyclone embracing the whole of France, Germany, the Netherlands, Denmark, the S. of Scandinavia and the S.E. of England.

Lowest 29.8 ins. and less in a large depression lying off our extreme NW. coasts; 29.95 ins. and less in a small secondary system over Wales.

Gradients slight. Barometer falling in our Islands and also in the W. parts of France & Norway but rising elsewhere.

TEMPERATURE

Highest 70° at Perpignan, 68° at Nice, 66° at Jersey, 64° at Hurst Castle, and 63° at Seilly, Denmark, the North Foreland, Harmond and Lorient.

Lowest (1) 49° at Bodø and Haparanda and 52° at Hemösand and Christianound; (2) 54° at Bumburgh Ht. and 55° at Shields, Liverpool and Paris.

During yesterday the thermometer rose to 70° and upwards at several of our central and S. stations, and to 74° in London. On many parts of our NW, N. and E. coasts it did not reach 65°.

WIND

Light to moderate from the S. over the United Kingdom as a whole, but W. on most parts of our SW. coasts; SE. in the west of Norway, and strong in force at Skudesnaes.

Light from the N. over central France, but variable over the S. parts of that country and Germany; W. over Sweden, Denmark and N. Germany.

WEATHER

Cloudy or dull over the W. and N. of our Islands generally, and also in the W. of Norway, with fog or mist on several parts of our W. and SW. coasts, and rain at Holyhead, Liverpool and Hawke Point, as well as at Brest.

Fine in most other parts of W. Europe, but dull at some of the German stations.

Since yesterday morning rain has fallen in the W. and extreme N. of our Islands generally and also in the W. of Norway, the largest amounts being 1.1 ins. at Parsonstown, 0.6 in. at Bodø, & 0.5 in. at Holyhead.

SEA

Slight or smooth generally, but moderate off the N. of Scotland and the W. of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the W. appears to be still spreading E. and is likely to occasion rain in most parts of the United Kingdom, with thunder at some of the English stations.

FORECASTS

For the 24 hours ending at NOON on 27TH AUGUST 1898

DISTRICTS.

FORECASTS.

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

S. winds, moderate, cloudy, unsettled, some rain.

S. to variable breezes; cloudy, some rain, thunder locally.

DISTRICTS.

FORECASTS.

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

S. and SE. winds, moderate, cloudy, rain at times.

W. to S. winds, moderate or fresh, dull, some rain, mist or fog locally.

S. winds, freshening, cloudy, rain at times.

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 ...	30.17	58	51	N	4	c	2	Valencia ...	30.02	65	64	S	3	r	4
Sumburgh Head ...	30.08	53	51	Sw	2	0	4	Scilly ...	30.18	70	66	SE	3	c	1
Stornoway ...	29.97	60	55	SEW	7	c	6	Jersey ...	30.23	69	60	NW	4	b	3
Aberdeen ...	30.11	57	52	SE	3	c	2	Hurst Castle ...	30.20	67	61	SSE	3	bcm	1
Shields ...	30.18	60	55	E	2	c	2	Dungeness ...	30.23	66	58	ESE	2	b	1
Ardrossan ...	30.11	62	56	SSW	4	c	3	North Foreland ...	30.25	64	58	NNE	3	b	2
Malin Head ...	30.02	62	59	SSW	5	0	3	London (Westminster) ...	30.22	69	57	NNE	1	b	#
Belmullet ...	30.02	62	60	S	3	0	#	Yarmouth ...	30.24	64	57	E	3	b	3
Holyhead ...	30.18	65	60	SSW	3	bcm	2	Rochefort ...	30.17	74	?	NNE	3	b	#

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

Weather in morning fair over W^m Europe as a whole, but dull in the W. of Ireland, with rain at Belmullet. Dull also in many parts of Germany, Austria, France and N. Italy, with rain at Leghorn as well as in the W. of Norway; fine and bright in nearly all other parts of the Continent. Rain falling later in the W. and extreme N. of our Islands generally, heavily at Portstewart.

Temperature changed rather irregularly in our Islands, but fallen over the W^m, N^m and S^m parts of the Continent. Morning readings highest 81° at Oporto, 79° at Lisbon, and 78° at Trieste, Brindisi and Algiers; above 70° in most parts of S^m Europe. Lowest 49° at Christiansund, 50° at Abo and Sumburgh H., and 51° at Skudesnaes and Shields. Rising during day to between 70° and 74° at several of our own central and S^m stations; exceeding 75° over the S^m parts of France, and reaching 81° at Nice, and 91° at Lisbon.

Wind light from the NEnd in the southeast of England, and from the Nnd over the greater part of France and the Netherlands, but SEnd in Wales and the southwest of England; moderate from the Snd in Ireland and from the SWnd in Scotland. Strong to a gale from W. or SW. on the west coast of Norway, and light or moderate from the same quarters over northern Russia. NWnd in Sweden, Denmark, Germany and the south of Norway; variable over Austria and Italy. Snd winds extending later over nearly the whole of the United Kingdom, and blowing very strongly in the Hebrides.

Barometer highest 30.2 ins. and upwards over England and the neighbouring parts of the Continent; 30.1 ins. and upwards in an anticyclone covering nearly the whole of W^m Europe. Lowest 29.5 ins. and less in a depression lying off the N^m parts of the Norwegian coast; 30.0 ins. and less in a shallow disturbance over Italy and the neighbouring regions. Anticyclone subsequently moving End, and large, but somewhat shallow, depression spreading from the Atlantic over the W^m and N^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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 27th August,

1898.

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	Weather.	BAROMETER.		TEMPERATURE			WIND.		Force	Weather.	Sea	Weather.	Hours of Bright Sunshine.	TEMP.		
							At 32° and M.S.L.	Dry Bulb.	Dir.	Force	At 32° and M.S.L.	Change since Yesterday.	Dry Bulb.						Wet Bulb.	Change since Yesterday.	Dir.	Force	Max.	Min.	Rainfall.
		Inch.	°		0 to 32.		Inch.	Inch.	°	°	°								°	°	Inch.
SCANDINAVIA.	Haparanda ...	29.84	50	2	0	0	29.84	+1.16	54	50	+5	SW	2	b	#	0	#	61	44	-	
	Hernösand ...	30.00	53	2	0	c	29.91	-0.09	50	50	-2	SW	0	f	#	c	#	63	43	-	
	Stockholm ...	30.08	56	2	0	b	30.05	-0.06	57	55	+2	SSW	4	b	#	b	#	66	48	-	
	Widby ...	30.18	58	SW	4	bc	30.15	+0.04	61	56	+1	SW	4	b	#	bc	#	64	54	-	
	Karlstad ...	30.05	58	WSW	4	b	30.06	-0.10	58	55	+5	S	4	0	#	b	#	#	#	-	
	Bodö ...	29.79	50	S	4	r	29.74	-0.12	54	51	+5	E	4	0	1	r	#	54	45	0.35	
	Christiansund ...	29.85	57	SE	1	c	29.57	-0.45	58	52	+6	SSE	2	c	2	c	#	59	52	0.04	
	Scandenes ...	29.99	58	SE	6	c	29.64	-0.46	57	56	+2	SE	8	r	5	c	#	59	54	#	
	Færder (Christiana Fjord)	30.03	60	SW	5	m	29.91	-0.18	60	56	+5	S	4	0	3	m	#	63	55	-	
	Skagen (The Scaw)	30.14	57	W	1	c	29.95	-0.17	60	56	+3	SSW	3	0	1	c	#	61	53	-	
BRITISH ISLANDS.	Faro ...	30.11	59	S	3	bc	29.91	-0.29	58	56	-1	SSE	4	r	#	bc	#	66	53	-	
	Samburgh Head ...	29.56	57	S	5	c	29.36	-0.46	55	52	+1	WSW	3	c	3	c	#	60	46	0.16	
	Stornoway ...	29.43	58	SSW	6	r	29.41	-0.35	55	52	-3	WSW	4	c	4	r	#	59	51	0.20	
	Wick ...	29.57	60	S	5	0	29.47	-0.37	57	54	0	W	4	c	2	0	#	67	50	0.05	
	Nairn ...	29.58	64	SW	3	0	29.48	-0.37	60	55	-2	SW	2	bc	1	0	#	74	49	0.03	
	Aberdeen ...	29.67	59	S	4	bc	29.50	-0.39	57	54	-4	E	2	cq	4	bcq, r	#	67	56	0.04	
	Leith ...	29.70	62	SSW	1	0	29.52	-0.41	61	56	+2	WSW	2	bcm	#	0	#	70	56	0.04	
	Shields ...	29.76	61	S	4	op	29.56	-0.45	65	63	+10	SW	3	0	2	op, r	#	65	54	0.10	
	Spurn Head ...	29.88	64	S	4	0	29.68	-0.41	65	63	+7	SSW	4	0	4	c, p	#	68	58	0.02	
	York ...	29.87	61	S	1	0	29.65	-0.41	65	63	+9	SSW	2	op	#	r	#	65	55	0.15	
GERMANY & HOLLAND.	Loughborough ...	29.91	65	S	3	bc	29.74	-0.33	65	63	+7	SSW	4	c	#	a, bc, pg	#	66	58	0.06	
	Ardrossan ...	29.66	60	SSE	3	pm	29.54	-0.36	58	55	-1	W	3	0	3	om, pm	#	61	55	0.24	
	Malin Head ...	29.32	63	S	6	bc	29.52	-0.30	56	55	-4	WSW	4	cgm	2	r, og	#	68	54	0.19	
	Belmullet ...	29.60	63	WSW	5	r	29.63	-0.15	56	54	-5	WSW	4	r	#	r	#	63	54	0.33	
	Donaghadee ...	29.70	61	SSW	4	op	29.59	-0.34	59	57	+1	WSW	4	bc	2	op	#	63	55	0.11	
	Liverpool (Bidston)	29.84	65	SSW	2	0	29.63	-0.34	65	63	+10	SW	3	0	3	c, op	#	68	54	0.31	
	Holyhead ...	29.80	60	SSW	5	gdm	29.63	-0.30	60	60	+3	SW	4	fd	3	f, gdm	#	63	56	0.55	
	Parsonstown ...	29.74	66	S	1	0	29.67	-0.23	58	56	-4	W	1	b	#	o, r	#	68	56	0.51	
	Valencia ...	29.78	65	SSW	4	og	29.74	-0.19	59	57	-2	WSW	3	c	4	or, og	#	66	58	0.24	
	Roche's Point ...	29.84	64	SW	5	r	29.72	-0.23	61	60	0	W	4	0	4	r, p	#	64	59	0.40	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.92	62	SW	4	f	29.72	-0.20	64	63	+3	WSW	6	f	5	f	#	64	61	0.19	
	Scilly ...	29.99	64	SW	3	f	29.85	-0.16	65	64	+2	SSW	5	qm	3	cf, f	#	69	62	0.02	
	Prawle Point ...	30.02	61	WSW	3	0	29.88	-0.17	62	62	+2	SW	4	0	4	cm, rf	#	64	59	0.02	
	Jersey (St. Aubin's)	30.07	67	SSW	3	op	30.03	-0.10	66	63	0	SW	4	og	3	o, op	#	70	63	0.02	
	Hurst Castle ...	30.02	64	SW	4	om	29.92	-0.18	64	62	0	SW	5	om	3	op, om	#	66	62	0.02	
	Dungeness ...	30.04	65	S	2	c	29.92	-0.21	64	62	+1	SW	4	op	3	bc, c	#	70	62	-	
	North Foreland ...	30.03	65	S	3	c	29.91	-0.24	65	62	+2	S	5	0	3	bc, c	#	70	62	-	
	London (Brixton) ...	30.01	65	S	3	og	29.89	-0.23	65	63	+4	SW	2	0	#	c, o	#	73	61	-	
	Oxford ...	29.96	64	SSE	3	og	29.82	-0.26	65	63	+7	S	3	0	#	o, p, d	#	66	57	-	
	Cambridge ...	29.96	67	SSW	5	0	29.83	-0.28	64	63	+4	SW	4	og	#	c, o	#	73	58	-	
PENINSULA.	Yarmouth ...	29.97	65	S	4	bc	29.82	-0.31	66	63	+3	SW	4	bc	3	b, bc	#	66	60	-	
	Cuxhaven ...	30.14	63	SE	3	c	29.97	-0.25	59	58	+1	S	3	bc	#	c	#	64	54	-	
	Berlin ...	30.21	60	NE	2	c	30.12	-0.13	57	53	0	SE	2	b	#	c	#	66	52	-	
	Wiesbaden ...	#	#	#	#	#	30.13	-0.08	58	57	-3	SE	1	b	#	#	#	73	55	-	
	Munich ...	30.19	61	E	2	b	30.20	-0.03	60	58	+4	W	0	b	#	b	#	72	52	-	
	The Helder ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Brussels ...	#	#	#	#	#	30.03	-0.16	66	59	+4	SW	3	bc	#	0	#	75	56	-	
	Cape Gris Nez ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Paris ...	30.09	69	SW	1	b	30.09	-0.10	60	57	+5	SSE	1	m	#	b	#	76	55	-	
	Brest ...	30.08	63	S	1	m	30.01	-0.09	62	61	0	SW	3	c	3	m	#	66	59	0.79	
GERMANY & HOLLAND.	Lorient ...	30.11	66	SW	4	m	30.08	-0.06	64	64	+1	WSW	2	m	5	m	#	#	#	0.04	
	Rocheport ...	30.12	70	WSW	3	bc	30.12	-0.02	67	64	+5	WSW	2	0	#	bc	#	82	59	-	
	Belfort ...	30.04	70	SSE	1	m	30.14	-0.00	59	58	+1	W	2	f	#	m	#	75	53	-	
	Lyons ...	30.09	70	W	1	b	30.15	+0.01	65	61	+3	SE	1	b	#	b	#	75	60	-	
	Nice ...	30.06	69	W	1	0	30.10	+0.11	70	62	+2	NE	2	b	1	0	#	82	61	-	
	Perpignan ...	30.06	79	WSW	2	b	30.15	+0.05	68	61	-2	SW	1	b	#	b	#	84	59	-	
	Biarritz ...	30.11	72	WSW	3	b	30.13	-0.00	64	61	0	SSE	3	b	2	b	#	75	59	-	
	Corunna ...	#	#	#	#	#	30.03	-0.16	66	59	+4	SW	3	bc	#	0	#	75	56	-	
	Lisbon ...	30.02	76	WSW	6	b	30.08	+0.06	76	66	+1	W	4	b	#	b	#	93	72	-	
	Azores (P. Delgada)	30.26	70	NE	2	b	30.28	+0.05	72	69	0	NE	3	c	#	b	#	79	68	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 9.4 hrs.

WEATHER CHARTS

FOR Saturday, 27. August, 1898

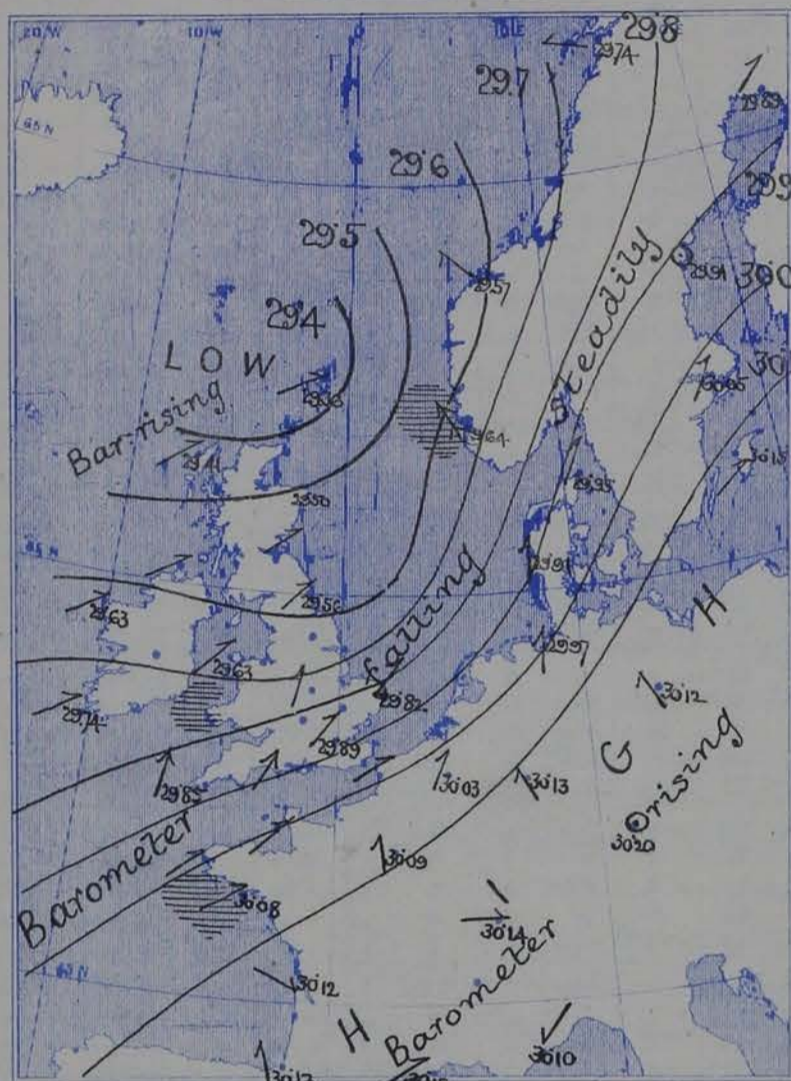
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 → : Force 5 to 7 → : } Calm ○
Force 8 to 10 → : Force 1 to 4 → :

SEA—Rough ≡ : High ≡

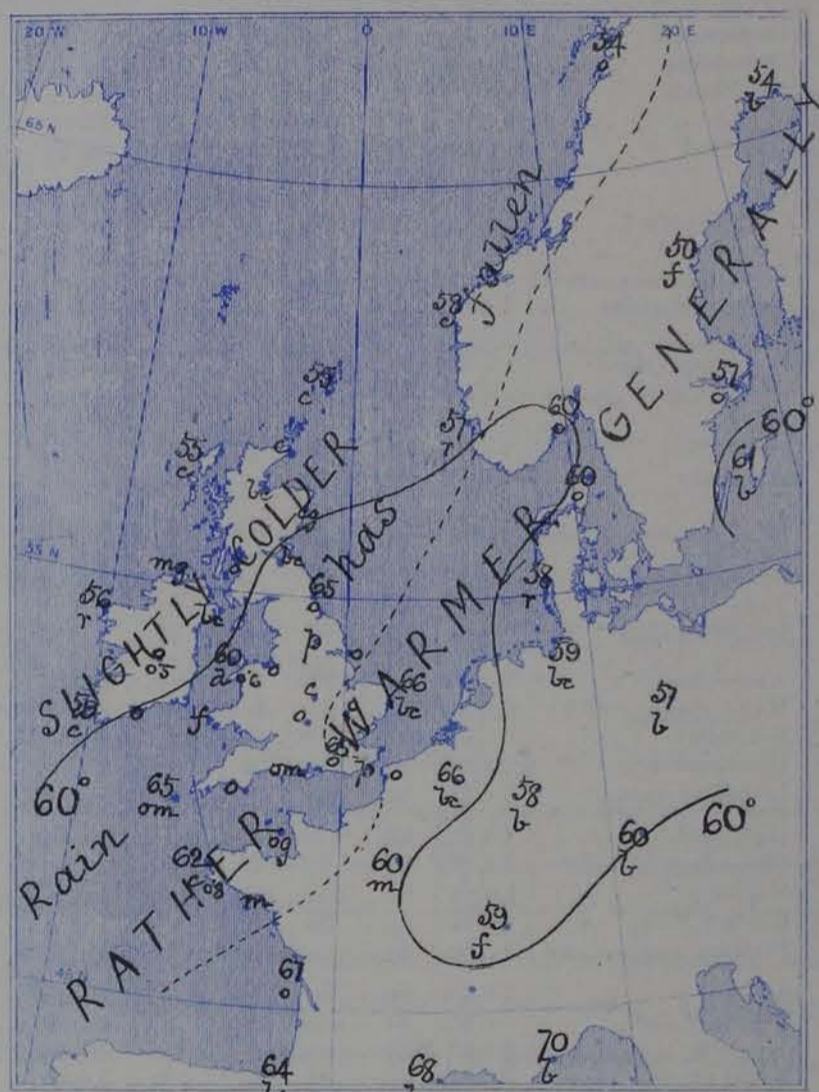


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.01	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	86	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.9	82	1876, 93	43	1877	2.87	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9	36+
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.929	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 10 years—1884-95.

* The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards over the Baltic, E.^m and S.^m Germany and the central and southern parts of France.

Lowest 29.4 ins. and less in a depression with its centre to the N.^m of Scotland.

Gradients moderate or slight generally, but rather steep over Norway and the North Sea.

Barometer rising in the northern parts of our Islands, but falling elsewhere.

TEMPERATURE

Highest 70° at Nice, 68° at Perpignan, 67° at Rochefort, and 66° at Yarmouth, Jersey & Brussels.

Lowest 50° at Hérissand, 54° at Bodø and Haparanda, 55° at Stamborough H. and Stornoway, and 56° at Malin H. and Belmullet.

During yesterday the thermometer rose to 70° and upwards in several parts of Gr. Britain to 73° in London and at Cambridge, and 74° at Nauen.

WIND

Moderate to fresh from the W.^m or SW.^m over our Islands, the Netherlands and the N. of France. SE.^{ly} over Germany and the eastern shores of the North Sea, with a gale at Skudesnæs. S.^{ly} or SW.^{ly} in Sweden; variable in the south of France.

WEATHER

Fine in Scotland as well as in the Netherlands, Germany and the south of France.

Dull in nearly all other parts of W.^m Europe, with fog in the S.th George's Channel, showers at several of the English stations, and steady rain at Belmullet, as well as at Skudesnæs.

Rain fell yesterday in all the more W.^m and N.^m parts of the United Kingdom, and also in the NW. of France and the W. of Norway, the largest amounts being 0.8 in. at Brast, 0.6 in. at Holyhead, and 0.5 in. at Parsonstown. A lunar halo was seen last night at Oxford.

SEA

Moderate or slight generally, but rather rough at Pembroke and Lorient & also at Skudesnæs.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed yesterday morning off our NW. coasts has spread over the greater part of NW.^m Europe. The centre of the system is now moving away to the N.^m of Scotland, but with the present distribution of pressure it seems probable that fresh disturbances will shortly advance from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 28TH AUGUST 1898

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

SW.^{ly} to S.^{ly} winds freshening, fair at first some rain later.

Same as No. 5.

SW.^{ly} winds moderate or fresh, cloudy, some showers.

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

SW.^{ly} to S.^{ly} winds freshening, cloudy, unsettled, some rain.

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	F.	WEA.	SEA.		BAR.	THER.		WIND	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.05	58	57	SSE	6	0	3	Valencia	29.82	64	64	S	4	gr	5
Sumburgh Head	29.71	57	55	S	3	c	4	Scilly	30.01	68	64	W	3	gf	2
Stornoway	29.61	59	58	SSW	7	r	7	Jersey	30.11	70	64	SSW	4	o	3
Aberdeen	29.78	66	59	S	5	bcg	4	Hurst Castle	30.05	63	62	SSW	4	opa	2
Shields	29.89	62	58	SSW	3	op	2	Dungeness	30.08	67	62	S	3	bc	2
Ardrossan	29.77	61	60	SSE	3	om	3	North Foreland	30.07	67	62	SSE	4	bc	3
Malin Head	29.63	67	65	S	6	r	3	London (Westminster)	30.04	69	60	SW	3	o	#
Belmullet	29.70	62	62	SSW	4	r	*	Yarmouth	30.02	65	60	SSE	5	bc	3
Holyhead	29.83	62	61	SW	2	om	1	Rochefort	30.14	77	73	ENE	2	bc	*

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

Weather in morning cloudy or dull in the W. and N. of our Islands, and also in the W. of Norway, with fog or mist in several places and rain at Holyhead, Liverpool, Prussia Point and Brest. Fine in the SE. of England as well as over the Netherlands, France and the Spanish peninsula. Fine also over the greater part of Sweden and Russia, but dull in Germany, Austria and Italy, with rain at Cracow and Rome. Rain falling later in the W. and N. of our Islands generally, as well as in the NW. of France and the W. of Norway, and slight showers in the SE. of England.

Temperature risen in most parts of our Islands and also in Norway, but fallen in most other countries. Morning readings highest 79° at Toulon, Barcelona, Malta and Algiers, and 75° at Legna and Lisbon; above 70° in most parts of S^m Europe, and above 60° in the S. of our Islands. Lowest 49° at Bodo and Haparanda, 51° at Kuopio, and 52° at Hernösand and Christianound; lowest in our Islands 54° at Sumburgh H^d, and 55° at Shields and Liverpool. Rising during day to 70° and upwards in several parts of Gt. Britain, and to 74° at Nain. Exceeding 80° in the W. and S. of France, and reaching 93° at Lisbon.

Wind light to moderate from the S^W over the United Kingdom generally, but W^W on most parts of our southwest coasts; SE^W in the west of Norway, and strong in force at Skudesnaes. Light from the W^W or NW^W over Sweden, Denmark, Germany and Russia. E^W over Italy and the Adriatic, as well as in the southwest of France, but variable over the Mediterranean. Subsequently blowing strongly from the S^W or SW^W on our extreme northwest coasts, no important change occurring elsewhere.

Barometer highest 30.2 ins. and upwards over Germany; 30.1 ins. and upwards in an anticyclone embracing the whole of France, Germany, the Netherlands, Denmark, the S. of Scandinavia, and the SE. of England. Lowest 29.7 ins. and less in the extreme N. of Russia; 29.8 ins. and less in a depression lying off the NW. of our Islands; small secondary system lying over Wales. Depression subsequently spreading over nearly the whole of NW^m Europe, but centre of system moving N^W to the northward of Scotland.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 „ „ „ „ „

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 28th August, 1898.
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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.	
				At 32° and M.S.L.	Dry Bulb.		Dir.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.					Dir.	Force (0 to 12.)		Max.	Min.
SCANDINAVIA.		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
Haparanda ...	29.80	54	2	0	b	29.75	-14	55	53	+1	SW	6	0	#	b	#	59	41	-		
Hernösand ...	29.77	57	5	2	b	29.80	-35	57	56	+7	SE	6	0	#	b	#	63	43	0.04		
Stockholm ...	29.91	57	5	4	b	29.69	-26	61	57	+4	E	6	0	#	b	#	66	50	-		
Wisby ...	29.99	58	SW	6	b	29.75	-24	64	59	+3	S	6	0	#	b	#	66	54	-		
Karlstad ...	29.73	60	? NE	6	r	29.53	-20	58	56	0	SW	6	0	#	r	#	#	#	0.24		
Bodö ...	29.55	60	2	0	c	29.21	-34	55	55	+1	E	6	0	3	c	#	64	?	-		
Christiansund ...	29.41	54	2	0	c	29.03	-38	53	52	-5	SW	4	0	2	c	#	64	52	0.24		
Skudesnaes ...	29.33	59	5	8	r	29.30	-34	55	50	-2	WSW	8	0	6	r	#	59	52	#		
Færder (Christiania Fjord)	29.60	60	SSE	6	r	29.47	-13	59	54	-1	WSW	7	0	5	r	#	61	57	0.67		
Skagen (The Scaw)	29.63	60	SSW	5	r	29.60	-35	58	54	-2	SW	4	0	1	r	#	61	56	0.47		
Fanö ...	29.64	65	SW	6	0	29.71	-7	59	56	+1	WSW	6	0	#	0	#	66	57	0.12		
Sumburgh Head	29.30	54	SSW	1	c	29.30	-06	50	49	-5	WSW	5	0	5	c	#	57	46	0.39		
Stornoway ...	29.28	53	WSW	3	c	29.42	+14	45	44	-10	WNW	3	0	3	0.c	2.0	57	42	0.30		
Wick ...	29.27	56	NNW	4	r	29.44	+17	51	51	-4	NNW	4	0	2	r	#	62	45	0.50		
Nairn ...	29.30	48	W	3	0	29.57	+27	53	49	-7	SW	3	0	2	0	#	67	43	0.30		
Aberdeen ...	29.32	53	W	5	c	29.53	+21	56	48	-1	SW	3	0	2	c	1.2	62	46	0.05		
Leith ...	29.42	55	W	4	b	29.62	+20	55	51	-6	WSW	3	0	#	b	#	64	49	0.06		
Shields ...	29.44	55	W	3	b	29.79	+35	56	52	-9	WSW	3	0	2	r.b	#	66	51	0.45		
Spurn Head ...	29.61	60	WSW	4	b	29.81	+20	57	54	-8	SW	5	0	4	0.r.b	#	69	57	0.29		
York ...	29.58	62	SW	4	b	29.82	+24	58	53	-7	SW	3	0	#	r.b	2.1	67	51	0.62		
Loughborough ...	29.71	61	W	4	c	29.91	+20	55	52	-10	WSW	3	0	#	r.p.g.b	#	71	50	0.25		
Ardrossan ...	29.47	55	W	4	p	29.63	+16	52	50	-6	WSW	5	0	4	p	#	60	49	0.18		
Malin Head ...	29.45	53	WNW	7	c	29.62	+17	52	51	-4	WNW	6	0	6	0.g	#	58	49	0.21		
Belmullet ...	29.75	57	WNW	5	c	29.84	+9	56	50	0	WNW	5	0	#	0	#	59	50	0.60		
Donaghadee ...	29.50	57	WSW	6	b.p.g.	29.74	+24	53	51	-6	WSW	5	0	3	b.p.g.	#	63	48	0.07		
Liverpool (Bidston)	29.68	59	W	6	b	29.83	+15	58	51	-7	WSW	5	0	5	b	#	66	53	0.48		
Holyhead ...	29.72	57	WSW	3	b	29.88	+16	57	54	-3	SW	7	0	5	p.b	#	60	52	0.08		
Parsonstown ...	29.76	59	W	3	b	29.89	+13	56	53	-2	W	3	0	#	p	5.8	62	50	0.04		
Valencia ...	29.92	61	W	7	c.g	30.02	+10	58	53	-1	W	6	0	5	c.g	6.9	62	54	0.15		
Roche's Point ...	29.87	62	NNW	5	b	30.02	+15	58	54	-3	W	3	0	3	b	#	64	52	-		
Pembroke (St. Ann's Hd.)	29.82	56	NNW	6	b	29.98	+16	60	55	-4	W	5	0	4	b	4.2	64	56	0.70		
Scilly ...	29.97	63	WNW	6	c	30.07	+10	63	60	-2	W	4	0	3	c	3.6	69	59	0.01		
Prawle Point ...	29.89	60	W	4	b	30.06	+17	60	57	-2	W	4	0	4	f.b	#	64	54	0.10		
Jersey (St. Aubin's)	29.94	68	WSW	3	rm	30.10	+16	63	57	-3	WNW	3	0	3	r.c	#	69	57	0.45		
Hurst Castle ...	29.86	62	W	4	c	30.03	+17	62	58	-2	WSW	4	0	2	p.d.c	#	65	58	0.05		
Dungeness ...	29.80	64	SSW	6	r	29.99	+19	63	58	-1	W	4	0	4	0.r	#	67	53	0.04		
North Foreland	29.80	65	SSW	6	r	29.98	+18	58	55	-7	WSW	3	0	2	c.r	#	68	52	0.03		
London (Brixton) ...	29.79	61	WNW	3	0	29.98	+19	59	50	-6	W	2	0	#	0.f.g.b	0.0	68	51	0.09		
Oxford ...	29.82	59	WSW	3	0	29.97	+15	58	53	-7	W	3	0	#	c.p.b	#	70	50	0.06		
Cambridge ...	29.74	63	WSW	3	0	29.95	+21	58	53	-6	SW	3	0	#	0.p.g	0.4	71	48	0.04		
Yarmouth ...	29.66	67	SW	4	r	29.90	+24	59	56	-7	W	4	0	2	b.r	#	72	51	0.10		
Cuxhaven ...	29.81	70	SW	3	0	29.82	-15	61	56	+2	WSW	4	0	#	0	#	73	57	0.24		
Berlin ...	29.95	70	S	3	b	29.85	-10	65	62	+8	SW	3	0	#	b	#	79	63	-		
Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-		
Munich ...	30.15	65	W	1	b	30.11	-04	67	62	+7	SW	4	0	#	b	#	75	59	-		
The Helder ...	29.72	67	SW	6	r	29.87	+15	61	55	-7	W	3	0	3	r	#	68	59	0.32		
Brussels ...	#	#	#	#	#	30.00	-03	58	57	-8	WSW	2	0	#	r	#	80	55	0.28		
Cape Gris Nez ...	?	64	WSW	6	r	?	?	60	56	-4	NNW	5	0	5	r	#	70	57	0.24		
Paris ...	29.98	74	SW	3	b	30.06	-08	59	58	-1	WSW	2	0	#	b	#	79	57	0.04		
Brest ...	30.00	62	W	3	f	30.13	+13	60	57	-2	NNW	1	0	1	f	#	64	55	0.24		
Lorient ...	30.04	66	W	5	f	30.14	+10	60	60	-4	N	2	0	2	f	#	?	55	0.04		
Rocheport ...	30.09	70	WSW	3	0	30.10	-02	63	62	-4	N	4	0	#	0	#	77	63	0.08		
Belfort ...	30.01	73	WSW	3	m	30.01	-13	61	58	+2	W	3	0	#	m	#	82	59	0.04		
Lyons ...	30.06	76	SE	1	b	30.07	-08	64	59	-1	SSE	1	0	#	b	#	82	60	-		
Nice ...	30.10	70	2	0	b	30.04	-06	71	63	+1	E	1	0	#	b	#	84	63	-		
Perpignan ...	30.09	74	SE	2	b	30.11	-04	73	64	+5	W	3	0	#	b	#	84	60	-		
Biarritz ...	30.11	73	NNW	3	b	30.12	-01	68	63	+4	S	3	0	2	b	#	75	64	-		
Corunna ...	30.16	68	NNW	6	b	30.19	+11	70	65	-6	N	5	0	#	b	#	88	66	-		
Lisbon ...	30.35	72	NE	3	b	30.36	+08	73	71	+1	ENE	1	0	2	b	#	79	68	-		
Azores (P. Delgada)																					

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport 27 hrs;

WEATHER CHARTS

FOR Sunday, 28th August, 1898

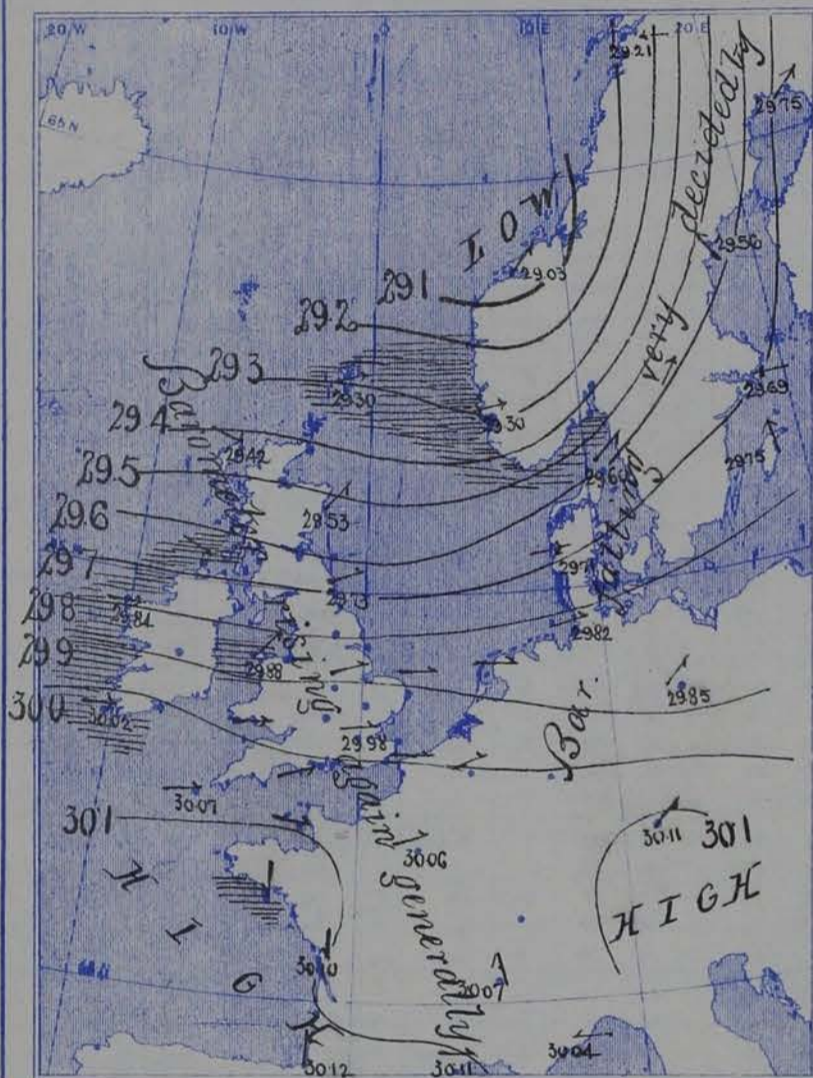
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; Calm ⊙

SEA—Rough ≡≡≡ ; High ≡≡≡



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871—95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and upwards in an anticyclone lying over the Spanish Peninsula, the Bay of Biscay, and coastal of the western part of France, and also in another small area over South Germany.
Lowest, 29.1 in: and less, in a depression lying off the coast of Norway.

Gradients rather steep over Scandinavia and the northern parts of our Islands and the North Sea, but slight elsewhere.

Barometer rising in our Islands and France, falling briskly in Scandinavia and to a less extent in Germany.

TEMPERATURE

Highest, 73° at Perpignan, 71° at Nice, 70° at Lisbon, 68° at Biarritz, and 67° at Munich; highest in our Islands 63° at Lill, Jersey, and Stengens.
Lowest, 45° at Tromsø, 50° at Dumberry Head, 51° at Ardara and Malin, and 53° at Christiansund, Nick, and Donaghadee.

During yesterday the thermometer rose to between 65° and 70° in many parts of Great Britain, to 71° at Southborough and Cambridge, and to 72° at Yarmouth.

WIND

Moderate to strong from the SWth or Wth over our Islands, the Netherlands, Germany, Denmark, and blow a gale from the same quarters in the south of Norway.
Strong from the SEth or Eth over the central parts of Sweden and also in the northwest of Norway.

Variable over the southern parts of France.

WEATHER

Fine over England and the east of Scotland, as well as in Denmark and the southern part of France and Germany.

Cloudy elsewhere, with showers on many parts of our own western coast, and steady rain at Helsingør, Stockholm and Berlin.

Since yesterday morning rain has fallen over nearly the whole of northern Europe, the largest amounts being 0.7 in at Tander and Bombrsk, and 0.6 in at York and Helmslet. Heavy thunder occurred at Nam in the afternoon.

SEA

Rough or rather so on many parts of our western and extreme northern coasts, in the Straits of Dover, as well as on the south coast of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 29th AUGUST 1898

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

At 3.50 pm yesterday to districts 6, 7, 9, 10, and part of 8 "Hoist South Cone"; and at 7.30 pm to district 0 and part of 1 "Hoist North 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 ...	29.34	59	58	S	6	r	4	Valencia ...	29.85	62	55	W	6	cg	6
Sumburgh Head ...	29.40	55	53	SSW	2	c	2	Scilly ...	29.86	65	63	W	5	c	2
Stornoway ...	29.32	56	52	SW	4	o	4	Jersey ...	29.98	66	65	SW	3	r	3
Aberdeen ...	29.40	59	56	ESE	2	c	3	Hurst Castle ...	29.85	65	64	SW	6	pa	3
Shields ...	29.51	62	60	W	3	op	2	Dungeness ...	29.87	65	63	SW	5	o	4
Ardrossan ...	29.46	63	57	S	4	o	3	North Foreland ...	29.85	67	64	SSW	5	c	3
Malin Head ...	29.45	58	55	W	6	c	4	London (Westminster) ...	29.79	68	65	SW	3	op	#
Belmullet ...	29.63	57	52	W	6	c	*	Yarmouth ...	29.71	71	68	SW	5	bc	4
Holyhead ...	29.65	59	58	WSW	3	efp	2	Rochefort ...	30.13	73	68	WSW	3	o	#

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

Weather in morning fine in Scotland, as well as in central, southern, and eastern Europe generally. Cloudy or dull elsewhere, with fog in the St. George's Channel, showers at several of the English stations, and steady rain at Belmullet, as well as at Skudesnaes and Tunis. Rain falling later over nearly the whole of northern Europe—locally at several of our own stations and northern stations, with thunder at Kain.

Temperatures fallen in the west and north of our Islands and also in Germany and Austria, but risen elsewhere. Morning readings highest 80° at Barcelona and Rhindiri, 79° at Trieste and 78° at Malta; above 70° in most parts of southern Europe, and touching 65° at several of the English stations. Lowest (1) 50° at Kinnaird and 51° at Knapto and Knapto; (2) 53° at Warsaw and Lemberg; (3) 55° at Sumburgh Hd. and Stornoway. Rising during day to between 65° and 70° in most parts of Great Britain, and reaching 72° at Yarmouth. Exceeding 80° over the southern parts of France and touching 88° at Lisbon.

Wind moderate to fresh from the Wnd or SWnd in our Islands, the Netherlands, and the north of France; SE over Germany and the eastern shores of the North Sea, with a gale at Skudesnaes. Light from the SWnd in Sweden and from the NWnd in Russia; calm in Austria; variable over Italy, the Spanish Peninsula and the south of France. Subsequently increasing to a strong breeze or moderate gale from the Wnd on our western coast, and from the NWnd in the north of Scotland.

Barometer highest 30.2 ins. and upwards over Poland and eastern and southern Germany; 30.1 ins. and upwards in an anticyclone covering the greater part of Central and southern Europe. Lowest 29.4 ins. and less in a depression off the north of Scotland; 29.8 ins. and less in a shallow area over northern Russia. Disturbance spreading southwards later; barometer falling over the North Sea, but rising briskly on our western coast.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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, 29th August,

1898.

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.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 5.)	Hours of Bright Sun- shine.	TEMP.			Rainfall.
		At 32° and M.S.L.	Dry Bulb.	D. rec.	Force (0 to 12.)			At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12.)				Max.	Min.		
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.	
SCANDINAVIA.	Haparanda ...	29.64	58	S	4	0	29.76	+0.1	56	53	+1	S	2	C	#	0	#	59	52	0.12	
	Hernösand ...	29.62	55	SSE	2	C	29.73	+1.7	54	51	-3	SSW	4	0	#	C	#	59	52	0.08	
	Stockholm ...	29.78	55	SW	2	0	29.86	+1.7	57	54	-4	2	0	0	#	0	#	64	54	0.04	
	Wishby ...	29.86	59	N	4	r	29.89	+1.4	59	56	-5	SSE	4	0	#	r	#	68	54	0.20	
	Karlstad ...	29.72	56	SW	8	0	29.77	+2.4	56	53	-2	S	4	0	#	0	#	#	#	-	
	Bodo ...	29.36	54	SW	7	C	29.62	+4.1	54	49	-1	2	0	0	#	C	#	61	50	0.08	
	Christiansund ...	29.52	51	SW	2	C	29.62	+5.0	51	49	-2	2	0	C	2	#	53	48	0.16		
	Skudesnaes ...	29.63	54	S	2	bc	29.66	+3.6	52	48	-3	W	4	C	4	#	57	#	#		
	Færder (Christiania Fjord)	29.64	58	WSW	6	0	29.67	+2.0	54	53	-5	WSW	4	0	4	#	59	54	0.04		
	Skagen (The Seaw)	29.78	56	SW	2	0	29.75	+1.5	53	51	-5	SW	3	0	0	#	63	52	0.08		
BRITISH ISLANDS.	Fanø ...	29.80	58	WSW	5	0	29.82	+1.1	56	51	-3	WSW	6	C	#	0	#	64	54	0.08	
	Sumburgh Head	29.44	48	2	0	0	29.58	+2.8	50	48	0	2	0	0	2	#	57	43	0.16		
	Stornoway ...	29.57	52	NW	6	cgr	29.74	+3.2	51	49	+6	W	4	0	4	#	54	43	0.25		
	Wick ...	29.49	48	NW	6	0	29.69	+2.5	49	48	-4	W	5	0	2	#	62	43	0.45		
	Nairn ...	29.60	52	W	3	C	29.72	+1.5	51	48	-2	2	0	0	1	#	58	45	0.11		
	Aberdeen ...	29.60	53	W	5	bcq	29.77	+2.4	55	48	-1	SW	2	0	1	#	61	44	-		
	Leith ...	29.66	53	W	6	C	29.82	+2.2	52	48	-3	WSW	1	0	#	61	46	0.14			
	Shields ...	29.75	57	SW	4	0	29.88	+1.5	49	47	-7	SW	3	0	2	#	62	46	0.04		
	Spurn Head ...	29.81	58	W	5	0	29.94	+1.3	54	51	-3	W	4	0	3	#	65	50	0.05		
	York ...	29.84	58	W	3	0	29.95	+1.3	52	49	-6	SSW	2	0	#	62	44	0.11			
GERMANY & HOLLAND.	Loughborough ...	29.90	57	WSW	3	bc	30.03	+1.2	53	49	-2	SW	3	0	#	65	47	-			
	Ardrossan ...	29.75	55	W	7	bcq	29.81	+1.8	54	52	+2	SSW	4	0	4	#	60	51	0.02		
	Malin Head ...	29.79	52	WNW	6	cq	29.73	+1.1	55	55	+3	SSW	5	0	4	#	57	50	0.22		
	Belmullet ...	29.96	57	NW	5	bc	29.72	-1.2	58	56	+2	S	6	0	#	58	52	0.12			
	Donaghadee ...	29.84	55	NW	6	0	29.90	+1.6	49	48	-4	SW	4	0	2	#	61	45	0.07		
	Liverpool (Bidston)	29.88	56	W	7	C	29.97	+1.4	53	49	-5	WSW	2	0	3	#	61	51	0.04		
	Holyhead ...	29.92	56	W	7	cp	29.95	+0.7	55	53	-2	SSW	3	0	2	#	62	51	0.01		
	Parsonstown ...	29.97	59	W	2	0	29.85	-0.4	55	52	-1	S	1	0	#	61	49	0.04			
	Valencia ...	30.10	60	W	5	cm	29.85	-1.7	59	58	+1	S	4	0	5	#	62	53	0.12		
	Roche's Point ...	30.05	62	NW	4	0	29.97	-1.0	60	60	+2	SW	5	0	4	#	64	51	-		
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.99	60	W	6	bc	30.00	+0.2	59	55	-1	WSW	4	0	3	#	62	56	-		
	Scilly ...	30.13	62	W	4	cp	30.06	-0.1	63	60	0	SSW	4	C	2	#	67	57	0.03		
	Prawle Point ...	30.08	60	W	5	bc	30.10	+0.4	60	56	0	WSW	3	C	3	#	65	53	0.01		
	Jersey (St. Aubin's)	30.13	65	W	5	C	30.17	+0.7	60	56	-3	W	3	C	3	#	67	57	0.03		
	Hurst Castle ...	30.01	64	W	4	C	30.10	+0.7	61	56	-1	WSW	2	C	1	#	67	52	0.04		
	Dungeness ...	29.95	64	WSW	6	bc	30.08	+0.9	59	54	-4	WNW	2	C	3	#	70	48	0.04		
	North Foreland	29.94	62	SW	4	0	30.08	+1.0	56	52	-2	WSW	3	0	2	#	68	49	-		
	London (Brixton) ...	29.94	64	WSW	5	bc	30.07	+0.9	54	51	-5	W	2	0	#	68	47	0.09			
	Oxford ...	30.00	56	W	5	0	30.06	+0.9	55	51	-3	SW	1	C	#	68	48	-			
	Cambridge ...	29.93	55	NW	3	0	30.05	+1.0	54	51	-4	SW	2	0	#	71	46	0.17			
PENIN- SULA.	Yarmouth ...	29.86	65	W	4	bc	30.00	+1.0	55	51	-4	W	4	0	3	#	67	45	0.02		
	Cuxhaven ...	29.89	61	W	3	bc	29.90	+0.8	55	53	-6	WSW	4	C	#	63	50	0.08			
	Berlin ...	29.94	61	SW	1	0	30.01	+1.6	55	52	-10	S	2	0	#	68	50	-			
	Wiesbaden ...	#	#	#	#	#	30.10	#	56	54	#	SW	4	0	#	63	50	0.39			
	Munich ...	30.12	55	W	4	r	30.21	+1.0	54	52	-13	W	4	C	#	77	52	0.35			
	The Helder ...	29.87	61	SW	3	bc	29.98	+1.1	59	51	-2	WNW	3	0	2	#	64	54	0.24		
	Brussels ...	#	#	#	#	#	30.10	+1.0	57	54	-1	WNW	3	0	#	68	51	-			
	Cape Gris Nez ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Paris ...	30.08	65	WNW	2	bc	30.18	+1.2	55	54	-4	W	2	0	#	70	50	-			
	Brest ...	30.18	62	NW	1	0	30.17	+0.4	61	58	+1	SW	2	0	2	#	66	57	-		
GERMANY & HOLLAND.	Lorient ...	30.17	65	NW	5	bc	#	#	59	57	-1	#	1	0	2	#	#	#	#	#	
	Rochefort ...	30.16	67	WNW	4	0	30.21	+1.1	62	60	-1	WNW	2	C	#	73	59	-			
	Belfort ...	30.03	58	W	3	0	30.16	+1.5	55	53	-6	W	2	0	#	73	50	0.08			
	Lyon ...	30.11	60	NW	1	r	30.21	+1.4	57	53	-7	WNW	1	C	#	81	51	0.35			
	Nice ...	29.93	72	2	0	C	29.87	-1.7	68	64	-3	SSE	1	0	#	79	63	-			
	Perpignan ...	30.07	64	W	4	C	30.17	+0.6	65	55	-8	NW	4	0	#	86	62	-			
	Biarritz ...	30.18	69	NW	3	C	30.20	+0.8	62	60	-6	SSE	8	C	4	#	72	59	0.16		
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
	Lisbon ...	30.16	68	N	5	0	30.12	-0.7	71	60	+1	N	6	0	#	79	64	-			
	Azores (P. Delgada)	30.39	72	ESE	2	C	30.36	-0.0	74	70	+1	ESE	3	C	3	#	81	72	-		

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport...7.5 hrs;

WEATHER CHARTS

FOR *Monday, 29th August, 1898*

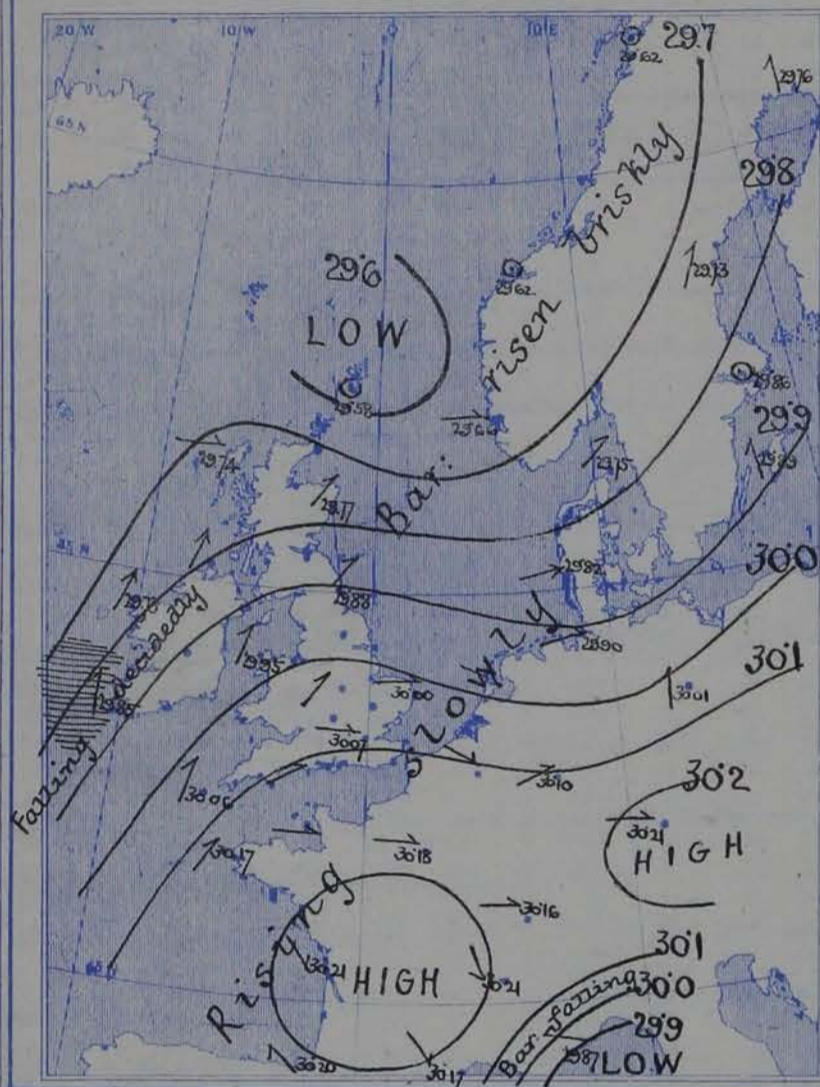
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Force 1 to 4 →→→ ; Calm ○

SEA—Rough ■■■ ; High ■■■■

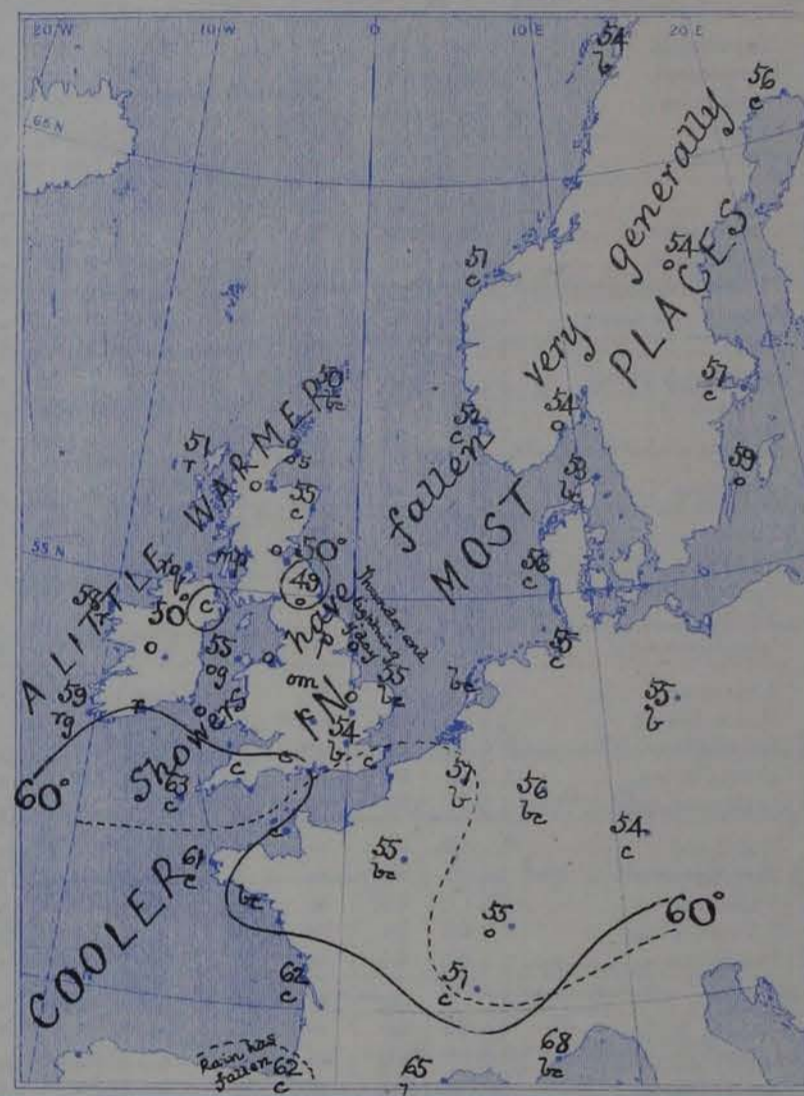


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR, 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)									(Inches.)		
Samburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	1.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Sally	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† The Sunshine values are for Worthing.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30 2/3 mi: and upwards over South Germany, and also over the central and southwestern parts of France.
Lowest, 29 6 mi: and less, in a shallow depression off the west of Norway; 29 7 mi: and less, in a near distance approaching our own western coasts.
Gradients slight generally, but steep over the extreme south of France, and increasing on our own western coasts.
Barometer falling briskly in Ireland and to a less extent on the west coasts of Great Britain; rising elsewhere.

TEMPERATURE

Highest, 71° at Boston, 68° at Nice, 65° at Perpignan, and 62° at Rochefort and Biscaya
Lowest, 49° at Wick, Shields, and Donaghadee, 50° at Lumbung, Had. and 51° at Christiansund, Norway and Nain.
During yesterday the thermometer rose to between 65° and 70° at most of our central and southern stations, to 71° at Cambridge, and to 71° in London.

WIND

Light to moderate from the SW^{we} or W^{we} over Great Britain, the Netherlands, Germany, Denmark, and the south of Norway, but S⁴ in Ireland, and strong in force at Kilmullet.

Calm in the Shetlands and the coast of Norway; variable over the southern parts of France.

WEATHER

Cloudy or dull over the United Kingdom as a whole, with rain at most of the Irish stations, and also in the Hebrides. Fine in the southeast of England, as well as in the Netherlands, Denmark, Germany and France; cloudy or dull over the greater part of Scandinavia. Showers fell yesterday in nearly all parts of the United Kingdom, with hail at some of the northern stations, and a thunderstorm at Spinn Head. Rain occurred also in many parts of the Continent.

SEA

Moderate to smooth generally, but rather rough at Valencia (Ireland).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is filling up, but a new disturbance (apparently of some considerable size and depth) is approaching our western coast. Increasing S⁷ or SW¹ winds, and equally, rainy weather are probable in most districts.

FORECASTS

For the 24 hours ending at NOON on 30th AUGUST 1898

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.			
ft	0	SCOTLAND NORTH	}	ft	6	SCOTLAND WEST	}	$S^{\frac{3}{4}}$ and $SW^{\frac{3}{4}}$ winds, increasing to a gale; squally, rainy.
ft	1	SCOTLAND EAST		ft	7	ENGLAND N.W.		
	2	ENGLAND N.E.		ft	8	ENGLAND S.W.	}	$S^{\frac{3}{4}}$ and $SW^{\frac{3}{4}}$ winds, increasing in force; dull, some rain.
	3	ENGLAND EAST		ft	9	IRELAND NORTH		
	4	MIDLAND COUNTIES		ft	10	IRELAND SOUTH		
	5	ENGLAND SOUTH,	}	Same as No 6 and 7.				
				The signals are still flying in districts 0, 6, 7, 9, 10, and parts of 1 and 8.				
				WARNINGS				

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	29.51	57	53	W-SW	6	c	5	Valencia							
Sumburgh Head								Scilly							
Stornoway	29.47	53	49	W-NW	6	ohp	6	Jersey	30.12	67	59	W	5	bc	4
Aberdeen								Hurst Castle							
Shields								Dungeness	29.98	61	58	SW	3	r	3
Ardrossan								North Foreland	29.96	65	55	SW	5	bc	3
Malin Head	29.73	55	53	W-NW	6	c	6	London (Westminster)							#
Belmullet	29.92	57	51	W-NW	5	bc	*	Yarmouth							
Holyhead								Rochefort	30.16	71	64	N	3	bc	#

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 21ST TO THE 27TH AUGUST 1896.

At the commencement of the week the weather in all but the western countries was affected by a large anticyclone, the central portion of which lay over Scandinavia and the Baltic, the sky being clear in most places, with high temperatures in the central and southern regions. A shallow depression was, however, reported over the Bay of Biscay, and as this spread eastwards and northwards thunderstorms were experienced in many parts of Ireland, England, and France, with heavy falls of rain in a few places, but little or none in others.

On the night of the 21st this depression appears to have dispersed, and on the following day very high temperatures were recorded over England the thermometer exceeding 80° in most places, and reaching 89° in London. A new disturbance was, however, approaching our northern coasts from the Atlantic and on the 23rd this moved northwards, while shallow secondary systems advanced eastwards across Great Britain, the latter occasioning showers in a few isolated places. As the depression moved on to the Continent the anticyclone over Scandinavia receded in a southeasterly direction, but a new high pressure system advanced over our Islands from the Atlantic, the winds over Northern Europe veering to the NWnd or Nnd with a decided fall of temperature. The latter system soon moved away, however, to the eastward and in its rear a large depression spread over the whole of northwestern Europe, the wind increasing from the SWnd in our Islands, with a slight gale on our western coasts, and with rain in nearly all districts. At the close of the week the unsettled weather appeared to be spreading gradually to all neighbourhoods of the Continent.

Over southern and eastern Europe the conditions remained fine until nearly the end of the period, when rain fell in many parts of Austria and Italy. In Spain, Italy, and the south of France the thermometer frequently exceeded 85°, and in some cases was almost to 90°.

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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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 Tuesday 30th August, 1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Direc.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Direc.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda ...	29.76	54	SW	2	bc	29.69	-0.07	53	52	-3	SW	4	o	#	bc	#	59	52	-	
	Hernösand ...	29.70	53	S	4	c	29.66	-0.07	52	49	-2	SW	4	c	#	c	#	59	45	0.04	
	Stockholm ...	29.80	55	SW	2	o	29.82	-0.04	56	54	-1	SSW	4	c	#	o	#	64	52	-	
	Wishby ...	29.89	54	SSW	4	b	29.88	-0.01	57	52	-2	SW	4	bc	#	b	#	63	52	0.04	
	Karlstad ...	29.74	53	SW	4	bc	29.69	-0.08	55	51	-1	S	4	o	#	bc	#	#	#	-	
	Bodö ...	29.54	51	Z	0	c	29.51	-0.11	51	49	-3	S	1	c	1	c	#	59	48	0.12	
	Christiansund ...	29.58	50	Z	0	c	29.45	-0.17	50	47	-1	SE	2	bc	3	c	#	55	48	0.12	
	Skudesnaes ...	29.68	53	SSW	4	o	29.38	-0.28	53	50	+1	ESE	6	r	4	bc, o	#	57	50	#	
	Færder (Christiania Fjord)	29.68	57	SW	4	bc	29.58	-0.09	56	52	+2	SSE	4	o	3	bc	#	57	54	0.04	
	Skagen (The Scaw)	29.80	53	W	3	bc	29.56	-0.19	54	52	+1	SW	3	r	0	bc	#	61	52	0.20	
Fanö ...	29.85	56	WSW	5	c	29.47	-0.35	59	57	+3	W	6	c	#	c, r	#	61	54	0.25		
BRITISH ISLANDS.	Sumburgh Head	29.46	53	SW	3	c	29.19	-0.39	52	52	+2	SSW	4	r	5	c	#	56	49	0.12	
	Stornoway ...	29.23	56	W	4	r	29.46	-0.28	52	51	+1	NNW	4	c	4	c, r	0.0	56	48	0.15	
	Wick ...	29.34	56	S	4	o	29.39	-0.30	53	52	+4	NW	6	c	3	op	#	62	43	0.20	
	Nairn ...	29.31	59	WSW	2	c	29.44	-0.28	57	54	+6	W	2	c	1	c	#	59	49	0.01	
	Aberdeen ...	29.45	52	SSE	6	orgg	29.45	-0.32	59	54	+4	SW	3	bc	3	cq, org	1.7	59	49	0.01	
	Leith ...	29.45	57	SSW	3	o	29.52	-0.38	59	54	+7	?SSW	6	bc	#	o	#	60	50	0.01	
	Shields ...	29.59	54	SSW	3	r	29.60	-0.28	57	54	+8	W	3	c	2	o, r	#	58	48	0.05	
	Spurn Head ...	29.72	55	S	4	r	29.71	-0.23	60	57	+6	WSW	4	c	4	o, r	#	60	53	0.10	
	York ...	29.73	55	S	4	r	29.71	-0.24	61	56	+9	W	3	c	#	o, r	0.0	61	50	0.07	
	Loughborough ...	29.77	56	S	4	r	29.82	-0.21	59	55	+6	WSW	3	o	#	org, c	#	60	53	0.16	
GERMANY & HOLLAND.	Ardrossan ...	29.47	58	WSW	4	o	29.60	-0.21	57	55	+3	W	5	cpq	4	r, o	#	58	52	0.21	
	Malin Head ...	29.50	57	WSW	6	cq	29.62	-0.11	57	55	+2	WSW	6	cq	5	r, cq	#	59	54	0.10	
	Belmullet ...	29.71	59	W	5	o	29.85	+0.13	58	57	0	WSW	3	o	3	om, o	#	61	55	0.15	
	Donaghadee ...	29.58	61	WSW	5	cp	29.71	-0.19	58	55	+9	W	6	bc	4	cp	#	62	48	0.21	
	Liverpool (Bidston)	29.67	54	SSE	2	r	29.77	-0.20	60	54	+7	WSW	6	o	5	r	#	62	52	0.21	
	Holyhead ...	29.66	60	W	5	cm	29.83	-0.12	61	58	+6	W	4	bc	3	m, d, m	#	61	53	0.15	
	Parsonstown ...	29.73	60	W	2	r	29.83	-0.02	60	57	+5	W	1	o	#	o, p	0.4	65	54	0.04	
	Valencia ...	29.89	62	W	5	og	29.90	+0.05	63	62	+4	WSW	5	om	5	m, om, og	0.0	64	58	0.11	
	Roche's Point ..	29.84	65	WNW	4	b	29.91	-0.01	63	61	+3	W	4	c	4	b	#	67	60	0.10	
	Pembroke (St. Ann's Hd.)	29.77	62	W	5	r	29.96	-0.04	62	60	+3	W	3	b	4	r	0.0	62	59	0.04	
FRANCE & BELGIUM.	Scilly ...	29.90	64	W	5	o	30.02	-0.04	63	63	0	WSW	5	opw	3	m, o	0.4	67	60	0.03	
	Prawle Point ...	29.91	60	SSW	5	f	30.00	-0.10	62	60	+2	W	3	c	3	f, dm	#	63	58	0.03	
	Jersey (St. Aubin's)	30.03	68	SW	4	og	30.05	-0.12	65	61	+5	W	5	c	5	c, og	#	71	58	0.04	
	Hurst Castle ...	29.93	61	SW	6	r	29.97	-0.13	64	61	+3	WSW	5	b	3	o, r	#	66	60	0.01	
	Dungeness ...	29.98	61	SSW	5	r	29.91	-0.17	65	59	+6	W	5	b	5	o, r	#	66	58	0.05	
	North Foreland	29.97	58	S	4	r	29.88	-0.20	62	58	+6	W	6	bc	3	o, r	#	63	56	0.03	
	London (Brixton) ...	29.92	59	SW	4	op	29.90	-0.17	62	57	+8	WNW	2	c	#	bc, op, c	2.0	65	53	0.05	
	Oxford ...	29.79	58	S	6	o	29.90	-0.16	60	56	+5	SW	3	o	#	opq	#	63	55	0.06	
	Cambridge ...	29.85	58	SSW	4	opq	29.84	-0.21	61	57	+7	WSW	4	b	#	r, opq	0.2	62	53	0.19	
	Yarmouth ...	29.88	59	SSW	4	or	29.79	-0.21	60	57	+5	W	4	c	2	bc, or	#	60	52	0.09	
PENIN- SULA.	Cuxhaven ...	29.97	57	WSW	4	r	29.62	-0.28	55	55	0	SW	5	r	#	bc, r	#	61	52	0.20	
	Berlin ...	30.05	61	WNW	2	bc	29.93	-0.08	53	51	-2	SW	4	o	#	bc	#	68	50	-	
	Wiesbaden ...	#	#	#	#	#	29.98	-0.12	56	54	0	N	1	o	#	#	#	66	52	0.08	
	Munich ...	30.23	55	W	5	c	30.15	-0.06	56	53	+2	SW	5	bc	#	c	#	64	46	0.04	
	The Helder ...	29.92	59	WSW	3	o	29.74	-0.24	62	58	+3	WNW	5	c	5	o	#	63	57	0.16	
	Brussels ...	#	#	#	#	#	?30.00	-0.10	62	59	+5	WSW	4	c	#	r	#	63	57	-	
	Cape Gris Nez...	?	62	WSW	5	o	?	?	62	57		WNW	5	c	5	o	#	63	55	0.04	
	Paris ...	30.12	65	SW	2	bc	30.01	-0.17	64	61	+9	SW	3	bc	#	bc	#	72	55	-	
	Brest ...	29.99	63	SSW	3	f	30.11	-0.06	63	63	+2	NW	2	c	2	f	#	64	57	-	
	Lorient ...	30.07	67	SW	3	m	30.14	?	63	63	+4	NW	4	o	4	m	#	?	55	-	
GERMANY & HOLLAND.	Rochefort ...	30.07	68	WSW	3	b	30.13	-0.08	67	66	+5	NW	4	c	#	b	#	81	62	0.04	
	Belfort ...	30.14	60	WSW	3	o	30.10	-0.06	59	54	+4	W	2	o	#	o	#	69	53	-	
	Lyons ...	30.07	64	N	1	b	30.19	-0.02	57	53	0	ESE	1	o	#	b	#	71	51	-	
	Nice ...	29.95	68	E	4	c	30.04	+0.17	62	60	-6	E	3	b	2	c	#	81	62	-	
	Perpignan ...	30.11	73	W	2	b	30.17	0.00	69	58	+4	W	2	b	#	b	#	78	57	-	
	Biarritz ...	30.19	72	N	2	b	30.18	-0.02	67	63	+5	SW	3	o	3	b	#	73	62	-	
PENIN- SULA.	Corunna ...	#	#	#	#	#	?30.00	-0.10	62	59	+5	WSW	4	c	#	r	#	63	57	-	
	Lisbon ...	30.09	71	NNW	6	b	30.07	-0.05	80	64	+9	NE	4	b	#	b	#	86	71	-	
	Azores (P. Delgada)	30.35	72	E	4	bc	30.29	-0.07	72	68	-2	NE	2	o	3	bc	#	79	70	-	

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 0.0 hrs;

WEATHER CHARTS

FOR Tuesday, 30th August, 1898

BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; Calm ☉
Force 8 to 10 →→→ ; Force 1 to 4 →→→

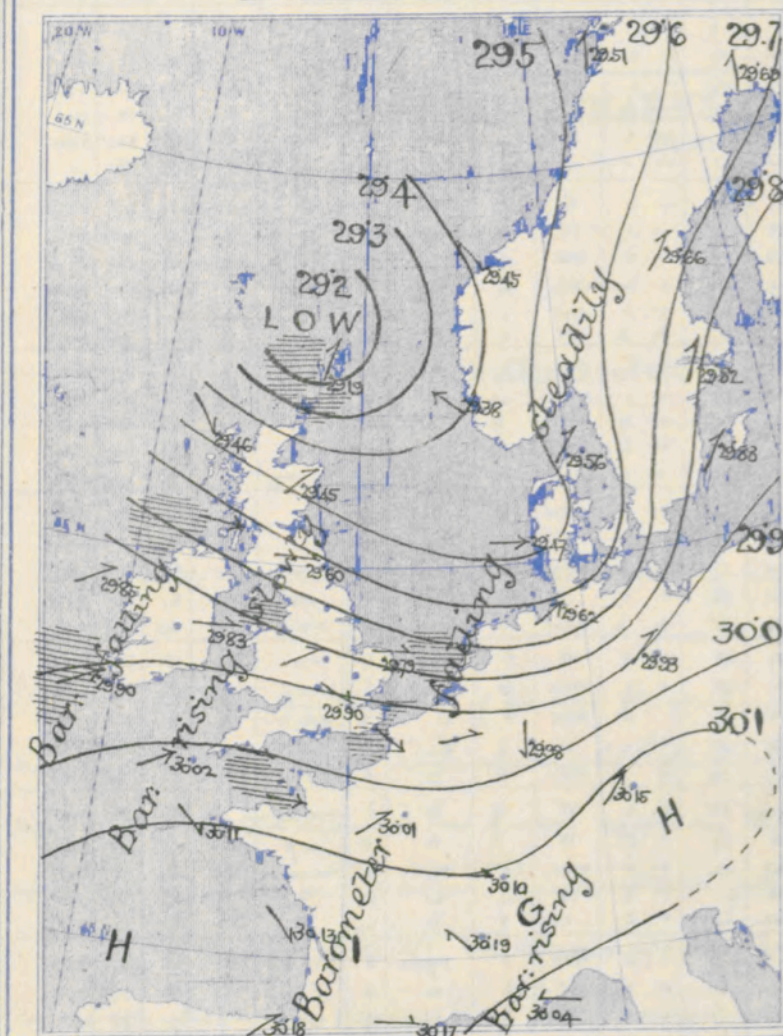
SEA—Rough ≡≡≡ ; High ≡≡≡

TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.							RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.				Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.		
	(Inches.)								(Inches.)		
Sunburch Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	12.74	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	4.62	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	3.27	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	2.98	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—
LONDON	29.931	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.30	160.9
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—

* Extreme temperature at these Stations are from observations made during the 45 years—1851-95.

+ The sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 inches and more to 30.0 inches over the Bay of Biscay, the greater part of France and South Germany.
Lowest, below 29.2 inches over the Shetlands, and below 29.5 inches in a secondary disturbance over Denmark.
Gradients were moderate for westerly winds over Great Britain, slight and changing over Ireland.
Barometer had begun to fall again over the southeast of Ireland, after rising generally.

TEMPERATURE

Highest 67° on the southeast coast of France, 64° at Paris, and rather above 60° over the southern counties of Ireland and England.
Lowest 50° to 55° at the Norwegian stations, 52° to 53° in the north of Scotland; 53° at Berlin.
 The maxima yesterday ranged from 67° to 60° over Ireland and England, and touched 71° at Jersey, 68° at Berlin, 72° at Paris, 81° at Rochester and Nice.

WIND

Northwesterly in the northeast of Scotland, westerly over our Islands, as a whole, and the greater part of the North Sea, and very fresh in force; in the west of Norway, however, it was southeasterly.
 It had blown very strongly in several parts of our western and northern districts during the preceding 24 hours.

WEATHER

Fair over the greater part of the North Sea and England, fair in the Shetland Isles, and at Shetness, showery at Orkney and Sully, very dull and misty in the southeast of Ireland.
 Rain had fallen very generally since yesterday morning. Bright sunshine recorded was nearly 4 hours on our western coast, very slight elsewhere. In many places there was none.

SEA

Was rather rough in several places, moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new disturbance is apparently coming in from the Atlantic, and changeable, rough weather, with rain at times, is probable generally — especially in the west and north.

FORECASTS

For the 24 hours ending at NOON on 31ST AUGUST 1898

DISTRICTS.

FORECASTS.

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

NW. to SW. and variable winds, changeable, showery.

Wind backing towards S. again, fine at first, rainy later.

DISTRICTS.

FORECASTS.

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

S. and SW. winds, strong, squally, rainy at times.

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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes	29.73	57	51	WSW	4	bc	4	Valencia	29.85	63	61	W	5	om	5
Sumburgh Head	29.53	54	51	SW	3	c	4	Scilly	29.95	64	64	SSW	5	m	3
Stornoway	29.41	53	50	SSW	6	r	6	Jersey	30.12	70	61	SSW	4	c	3
Aberdeen	29.64	55	50	S	5	cq	3	Hurst Castle	30.05	65	62	SW	5	o	3
Shields	29.81	56	51	SSW	2	o	2	Dungeness	30.05	64	59	SW	4	o	3
Ardrossan	29.60	56	54	S	5	r	4	North Foreland	30.06	62	54	WSW	3	o	2
Malin Head	29.47	58	58	SSW	7	rq	5	London (Westminster)	30.01	64	59	SW	3	o	#
Belmullet	29.65	60	59	W	5	o	*	Yarmouth	30.00	59	53	SW	3	bc	3
Holyhead	29.87	57	57	S	7	qfa	5	Rocheport	30.21	77	77	NNW	2	b	#

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

Weather in morning fine over the greater part of the continent, but rainy over the northern parts of Italy and the Adriatic. Rainy also in Ireland and the west of Scotland, and becoming unsettled over England also. Rain falling later over our islands and their neighbourhood generally, but only in small quantities; a thunderstorm at Luxembourg.

Temperature fallen a little in most places and considerably at Berlin; morning readings, highest 79° at Athens, 76° at Malta, 73° at Algiers and Barcelona, 71° at Pesaro; 63° at Scilly, Lowest (1) 51° at Moscow, Archangel and Christiansund, (2) 50° at Sumburgh Head, 51° at Stornoway and Narvik 52° at Leith, and 49° at Shields and Donaghadee. Rising later to between 63° and 67° over the southern half of our islands, to 68° at Berlin, to 71° at Lapey, 72° at Paris and to 81° at Rochefort and Nice.

Wind (1) light & anticyclonic over France and the greater part of Germany and Russia (2) Westerly to Southerly over our islands, and blowing very fresh at the Irish stations, (3) Westerly to Southerly over Denmark and Sweden also. Becoming very strong on our Western and Northwestern coasts later, and freshening considerably over England.

Barometer highest, 30.2 inches and more to 30.1 inch over France, Spain and the greater part of Germany, and exceeding 30.0 inch over the northern half of Russia. Lowest, (1) below 29.6 inch in a depression lying between Scotland and the west of Norway and covering the Shetlands, to below 29.9 inch in two small depressions, one over the Gulf of Genoa, the other over the northern parts of the Adriatic and Dalmatia. A new depression passing north-eastwards outside our extreme northern coasts later and a "V" shaped secondary coming over England from the south-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 now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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.
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DAILY WEATHER REPORT

for 8 a.m. on

Wednesday, 31st August,

1898.

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.		TEMPERATURE.			WIND.		Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.				
				At 32° and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12.)	At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.				Dirac.	Force (0 to 12.)	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°						°	°	Ins.		
SCANDINAVIA.	Haparanda	29.67	52	SW	4	C	29.71	+0.02	55	52	+2	SW	4	b	#	C	#	57	48	-	
	Hernösand	29.67	53	S	4	C	29.66	-0.10	51	52	-1	S	2	r	#	C	#	55	46	0.51	
	Stockholm	29.69	54	SE	4	O	29.52	-0.30	59	56	+3	SSW	4	O	#	O	#	63	46	-	
	Wisby	29.71	55	S	4	O	29.62	-0.26	59	57	+2	SSW	4	O	#	O	#	61	48	0.08	
	Karlstad	29.56	55	S	4	r	29.44	-0.25	55	53	0	SW	2	r	#	r	#	#	#	0.04	
	Bodö	29.45	52	Z	0	C	29.36	-0.15	50	49	+5	ESE	2	O	1	C	#	56	50	-	
	Christiansund	29.32	55	SE	1	C	29.50	+0.05	48	47	-2	W	4	r	3	C	#	63	48	0.04	
	Skudesnaes	29.51	55	SW	2	O	29.38	-0.00	52	51	-1	W	6	O	2	O	#	57	50	#	
	Færder (Christiania Fjords)	29.55	56	ESE	2	O	29.37	-0.21	55	53	-1	SSW	4	r	2	O	#	56	54	0.32	
	Skagen (The Scaw)	29.55	56	W	3	O	29.28	-0.28	57	57	+3	S	4	r	1	O, r	#	61	54	0.75	
BRITISH ISLANDS.	Fanö	29.68	59	W	6	C	29.34	-0.13	59	56	0	SW	9	O	#	C	#	63	59	0.04	
	Sumburgh Head	29.38	49	WNW	1	O	29.63	+0.44	48	45	-4	WNW	4	C	4	O	#	53	43	0.01	
	Stornoway	29.51	50	NE	2	r	29.91	+0.45	49	47	-3	NW	3	bc	3	C, r	#	55	42	0.35	
	Wick	29.53	51	W	6	C	29.87	+0.48	48	46	-5	W	5	C	3	C	#	58	43	0.20	
	Nairn	29.46	53	W	1	r	29.92	+0.48	50	47	-7	WNW	2	bc	2	r	#	62	42	0.60	
	Aberdeen	29.45	52	E	4	ogqr	29.84	+0.39	49	45	-10	W	6	bcqr	4	O, rqr	1	4	65	45	0.68
	Leith	29.35	55	E	2	r	29.93	+0.41	55	49	-4	W	2	b	#	r	#	64	46	1.33	
	Shields	29.50	60	S	3	d	29.86	+0.26	52	48	-5	W	3	b	2	C, d	#	65	46	0.11	
	Spurn Head	29.65	64	SSW	4	C	29.90	+0.19	56	52	-4	WNW	5	bcq	4	C	#	68	55	-	
	York	29.63	67	SSW	4	b	29.93	+0.22	55	49	-6	W	3	b	#	C, b	7.9	67	50	-	
GERMANY & HOLLAND.	Loughborough	29.76	68	SW	5	C	30.00	+0.18	55	52	-4	WNW	4	C	#	Cq, bcq	#	72	53	-	
	Ardrossan	29.33	61	SSW	4	r	30.00	+0.40	54	50	+3	W	3	b	2	r	#	62	48	0.48	
	Malin Head	29.36	53	WNW	7	r	30.02	+0.40	54	52	-3	W	5	bc p	4	r	#	54	50	0.50	
	Belmullet	29.39	56	W	6	Cq, p	30.25	+0.40	56	54	-2	W	4	O	3	r Cq, p	#	62	50	0.42	
	Donaghadee	29.41	65	WSW	6	Cd	30.05	+0.34	54	51	-4	WNW	4	b	3	Cd	#	66	48	0.22	
	Liverpool (Bidston)	29.65	66	SW	6	cp	30.02	+0.25	56	51	-4	W	5	bc	5	bc, p	#	68	52	0.04	
	Holyhead	29.62	62	SW	8	q am	30.08	+0.25	56	53	-5	W	6	bc	4	f, d, qm	#	64	52	0.01	
	Parsonstown	29.66	63	W	4	bc	30.17	+0.34	55	51	-5	W	1	b	#	Cq, p, bc	1.1	68	46	0.04	
	Valencia	29.88	60	WNW	7	Cq	30.23	+0.33	58	53	-5	W	2	bc	4	am, q, c	0.5	68	53	0.07	
	Roche's Point	29.78	63	W	5	bc	30.22	+0.31	56	52	-7	W	3	b	3	bc	#	66	52	0.06	
FRANCE & BELGIUM.	Pembroke (St. Ann's Hd.)	29.81	63	W	6	O	30.13	+0.17	56	53	-6	WNW	5	b	4	C, O	2.4	64	54	0.01	
	Scilly	30.00	65	SW	5	om	30.16	+0.14	60	56	-3	WNW	4	C	4	C, om	2.2	70	56	-	
	Prawle Point	29.99	62	WSW	5	C	30.14	+0.14	62	61	0	WNW	3	bc	3	p, f, c	#	63	52	0.01	
	Jersey (St. Aubin's)	30.10	66	WSW	6	om	30.14	+0.09	60	59	-5	W	4	Cm	3	O, d, O, r	#	67	48	0.21	
	Hurst Castle	29.85	65	WSW	6	bc m	30.09	+0.12	61	56	-3	WNW	4	b	2	Cm, bc m	#	69	55	-	
	Dungeness	29.91	65	WSW	6	O	30.01	+0.10	63	55	-2	WNW	5	C	4	bc, O	#	72	56	-	
	North Foreland	29.89	68	SW	5	bc	29.99	+0.11	60	54	-2	W	6	bc	4	bc	#	76	54	-	
	London (Brixton)	29.86	71	WSW	3	C	30.04	+0.14	59	52	-3	WNW	3	bc	#	bc, O, q, b	8.4	77	54	-	
	Oxford	29.82	66	SW	6	O	30.05	+0.15	58	53	-2	W	3	b	#	O, q, p	#	72	53	0.02	
	Cambridge	29.81	70	SW	4	O	30.00	+0.16	58	53	-3	WNW	4	b	#	b, O, q	10.9	74	53	-	
GERMANY & HOLLAND.	Yarmouth	29.80	68	WSW	2	bc	29.93	+0.14	58	55	-2	WNW	5	bc	4	b, bc	#	69	54	-	
	Cuxhaven	29.79	61	W	3	C	29.58	-0.04	62	59	+7	WSW	6	O	#	C	#	63	55	0.08	
	Berlin	29.87	62	W	4	C	29.89	-0.04	60	56	+7	SSW	5	C	#	C	#	66	53	-	
	Wiesbaden	*	*	*	*	*	29.99	+0.01	63	60	+7	SW	4	O	#	*	#	68	56	-	
	Munich	30.15	61	W	3	C	30.16	+0.01	63	59	+7	SW	5	bc	#	C	#	68	56	-	
	The Helder	29.82	63	W	3	b	29.79	+0.05	59	55	-3	WNW	6	bc	4	b	#	66	57	-	
	Brussels	*	*	*	*	*	29.95	-0.05	62	59	0	WNW	5	C	#	O	#	69	60	0.16	
	Cape Gris Nez	?	64	WSW	6	O	?	?	60	54	-2	W	5	bc	5	O	#	66	50	0.04	
	Paris	30.08	71	WNW	3	bc	30.08	+0.07	64	60	0	SSW	3	bc	#	bc	#	75	62	-	
	Brest	30.15	64	W	2	O	30.13	+0.02	58	58	-5	W	2	O	4	O	#	66	55	-	
FRANCE & BELGIUM.	Lorient	30.17	65	WNW	4	O	30.18	+0.04	66	66	+3	W	4	m	4	O	#	?	55	-	
	Rochefort	30.19	72	W	4	C	30.16	+0.03	68	64	+1	W	3	O	#	C	#	75	63	-	
	Belfort	30.11	63	WSW	5	O	30.12	+0.02	61	58	+2	WSW	6	O	#	O	#	67	59	-	
	Lyons	30.16	68	NE	1	b	30.19	-0.00	63	59	+6	W	1	bc	#	b	#	74	57	-	
	Nice	30.04	70	W	1	C	30.06	+0.02	71	66	+9	Z	0	b	1	C	#	79	62	-	
	Perpignan	30.12	80	W	2	b	30.16	-0.01	73	66	+4	W	2	b	#	b	#	87	66	-	
	Biarritz	30.19	70	W	3	O	30.19	+0.01	65	64	-2	E	3	O	3	O	#	75	64	-	
	Corunna	30.02	79	W	5	b	30.06	-0.01	80	66	0	W	2	b	#	b	#	95	72	-	
	Lisbon	30.25	73	W	3	O	30.18	-0.11	72	68	0	W	3	C	2	O	#	79	70	-	
	Azores (P. Delgada)																				

For Explanation of Columns, see bottom of last page.

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

NOTE: The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.

Bright Sunshine yesterday Southport. 4.0 hrs;

WEATHER CHARTS

FOR Wednesday 31st August, 1898

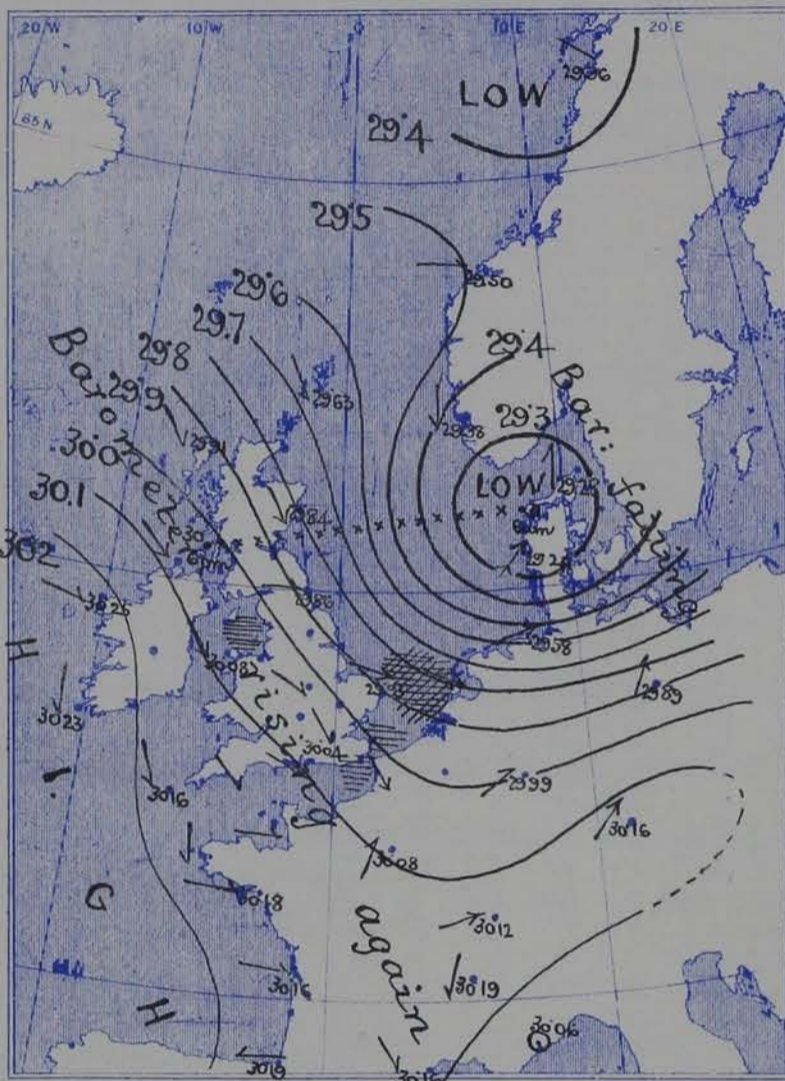
BAROMETER, WIND AND SEA.

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

WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 →→→ ; Force 5 to 7 →→→ ; } Calm ○
Force 8 to 10 →→→ ; Force 1 to 4 →→→ ; }

SEA—Rough ≡≡≡ ; High ≡≡≡

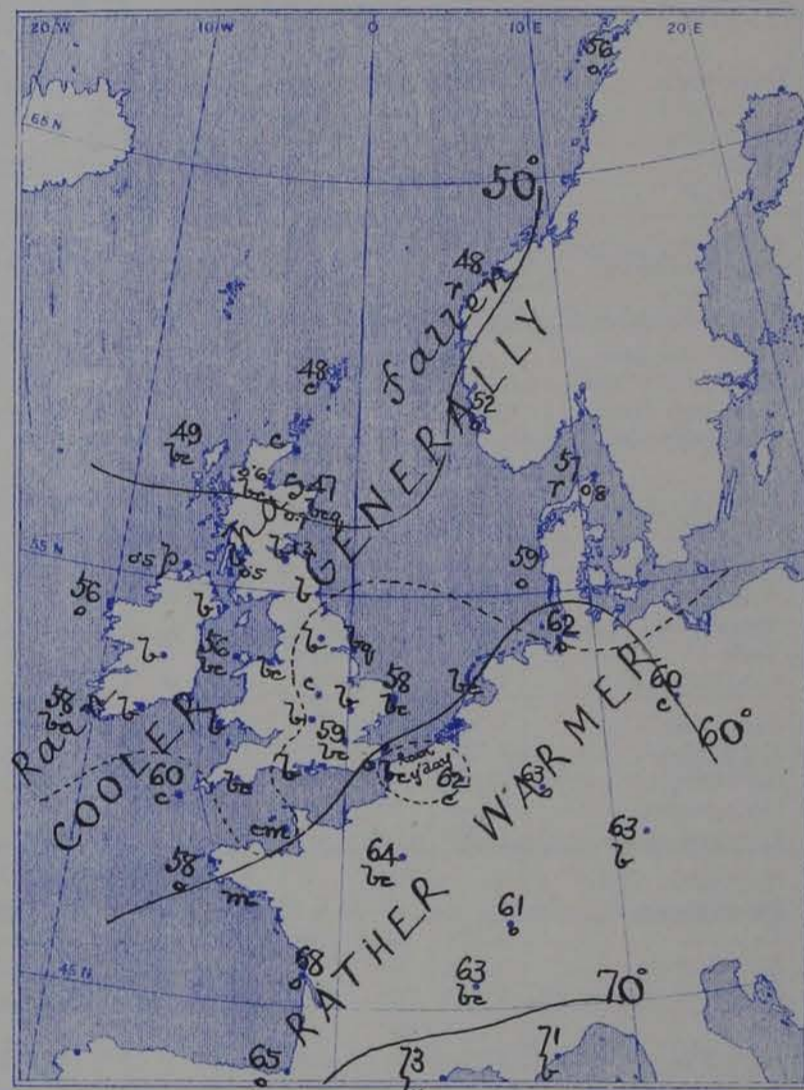


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0.6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF AUGUST.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95.								RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.					Hours.	Per cent. of possible.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum	Years.	Minimum.	Years.			
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29.767	53.4	51.8	57.7	48.5	69	1880	38	1885, 95	3.44	—	—
Stornoway	29.782	55.0	53.5	59.8	49.1	74	1876	33	1888	3.77	117.4	25
Wick	29.798	55.3	53.4	61.2	48.6	85	1893	30	1886	2.68	—	—
Nairn	29.803	55.7	53.0	63.6	50.1	81	1887	33	1885, 91	2.80	—	—
Aberdeen	29.819	56.6	53.5	63.1	50.2	81	1880, 82	33	1885	3.15	151.1	33
Leith	29.835	57.6	54.4	65.8	51.3	85	1893	37	1874	2.74	—	—
Shields	29.858	57.3	54.6	63.9	51.7	83	1893	39	1892	2.86	—	—
Spurn Head	29.894	58.9	56.6	64.4	54.9	87*	1893	46*	1887, 90	1.84	—	—
York	29.895	57.8	55.1	67.8	51.4	89	1876	37	1887	2.62	145.1	32
Loughborough	29.923	59.2	56.3	70.3	52.0	91*	1893	38*	1885, 87, 88	2.50	—	—
Ardrossan	29.843	57.3	55.0	63.4	52.8	84	1872	38	1881	3.91	—	—
Malin Head	29.830	56.1	53.9	61.7	54.0	—	—	—	—	—	—	—
Belmullet	29.867	57.8	55.2	62.5	54.1	—	—	—	—	4.62	—	—
Donaghadee	29.869	56.9	55.4	62.5	52.6	77	1890	38	1886	3.27	—	—
Holyhead	29.898	58.4	56.2	64.0	54.7	83	1893	45	1888	2.98	—	—
Liverpool	29.898	58.6	55.3	65.6	54.3	85	1876, 84, 93	44	1885	2.87	—	—
Parsonstown	29.908	57.2	55.1	65.7	51.5	82	1893	35	1885, 87	3.67	131.0	29
Valencia	29.921	59.3	56.9	64.4	54.2	80	1893	42	1890	4.85	146.0	33
Roche's Point	29.921	58.8	56.3	65.7	53.9	80	1880	44	1883	4.03	—	—
Pembroke	29.923	58.6	56.6	63.0	55.6	78	1874	47	1885, 88	2.88	188.8	42
Scilly	29.958	60.9	58.8	64.9	56.9	75	1893	50	1885, 90, 95	2.54	—	—
Prawle Point	29.968	60.0	57.9	65.1	54.5	82*	1887	43*	1888	2.24	—	—
Jersey	29.987	63.0	59.7	68.8	57.2	89	1893	45	1890	2.44	241.2	55
Hurst Castle	29.962	61.2	59.0	68.1	56.0	82	1876, 93	43	1877	2.37	—	—
Dover	29.945	61.9	58.7	67.3	56.6	80	1887, 94	39	1890	2.07	—	—
LONDON	29.951	60.9	57.3	71.6	53.5	96	1876	39	1887, 90	2.36	160.9†	36†
Oxford	29.944	58.8	55.9	69.1	53.0	90	1876	39	1892	2.32	182.9	41
Cambridge	29.933	59.9	57.1	71.1	51.9	95	1876	39	1876, 77, 81, 90	2.39	180.5	40
Yarmouth	29.920	60.5	57.5	66.3	54.7	85	1893	42	1876, 85	2.30	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881—95.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: to 30.2 in: and more over the western parts both of France and the British Islands, and apparently over the adjacent parts of the Atlantic.
 Lowest, Below 29.3 in: in a depression lying over Denmark and the Skager Rack, and below 29.4 in: over Finnmark.
 Gradients very steep for NW winds off our northeast and east coasts.
 Barometer rising fast over our Islands, and distribution again becoming anticyclonic in the eastern districts.

TEMPERATURE

Highest, 71° to 73° in the extreme south of France, 64° at Paris, 60° at Berlin, and a little above 60° along our south coast generally.
 Lowest, 48° to 49° on the north and east coasts of Scotland, 52° at Shields, 55° at York and Passenow.
 The maxima recorded yesterday ranged from 77° to 70° over the southern and central parts of England; Berlin recorded only 66°, Paris 75°, Nice 79°, and Perpignan 87°.

WIND

NW over our Islands generally, and strong and squally at many of the Scotch and English stations.
 It has blown a gale from SW or W. at most of our stations during some part of the previous day or night.

WEATHER

Fair, but not settled over our Islands and France, but rather squally on our northeast and east coasts, but with a tendency to improve generally, for a time.
 Rain has fallen over the northern and western parts of the Kingdom, heavily in Scotland; the southern counties again escaped.
 Bright Sunshine recorded yesterday ranged from 11 to 8 hours at our southeastern stations, and amounted to 7.9 hrs at York; in the extreme north and west it was much lighter.

SEA

High on the southeastern shores of the North Sea.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed off our northwest coast yesterday has moved eastwards with great rapidity, and a temporary renewal of the fine weather is likely. No settled weather is indicated.

FORECASTS

For the 24 hours ending at NOON on 1ST SEPT^R 1898

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
† 0 SCOTLAND NORTH † 1 SCOTLAND EAST † 2 ENGLAND N.E. † 3 ENGLAND EAST 4 MIDLAND COUNTIES † 5 ENGLAND SOUTH	NW ² breezes, strong to fresh; some passing showers, fine later, cold tonight.	† 6 SCOTLAND WEST † 7 ENGLAND N.W. † 8 ENGLAND S.W. † 9 IRELAND NORTH † 10 IRELAND SOUTH	NW ² breezes, strong to fresh; some passing showers, fine later, cold tonight At 3.40 pm yesterday to districts 0, 6, 7, 8, 9 and 10, and at 7 pm to districts 2, 3, and 5 "Hoist South Cone".
		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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes	29.49	57	54	S	6	0	4	Valencia	29.78	66	64	SW	7	g m	6
Sumburgh Head	29.36	51	49	WNW	4	0	5	Scilly	30.05	69	66	SW	4	c	3
Stornoway	29.51	55	51	NW	2	c	2	Jersey	30.12	66	65	W	6	0	5
Aberdeen	29.53	58	55	ENE	3	og	3	Hurst Castle	29.99	67	66	WNW	5	cm	3
Shields	29.66	63	57	W	4	c	2	Dungeness	29.91	68	64	WSW	6	bc	5
Ardrossan	29.55	56	55	SSE	4	r	4	North Foreland	29.91	73	61	WSW	5	bc	3
Malin Head	29.50	54	54	S	3	r	3	London (Westminster)	29.90	76	65	W	3	bc	#
Belmullet	29.57	62	61	WSW	7	r	*	Yarmouth	29.83	69	62	WSW	3	b	3
Holyhead	29.76	63	62	SW	5	f	3	Rocheport	30.19	68	64	NW	4	c	#

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

Weather in morning, very fine and bright over the greater part of Continental Europe, but changeable and unsettled over the north-western and northern countries, ^{rainy in Denmark} dull and unsettled over the western and northern parts of the British Islands, with rain in some places. Rain falling later in considerable quantity at our northern stations, and in smaller quantities in the west, and appearance of very unsettled on our south and east coasts.

Temperature rising over our Islands and France. Morning readings highest 79° at Paris, 78° at Algiers, 76° at Barcelona, 72° at Lifford, 64° at Paris, and above 60° at most of the English stations. Lowest 48° at Moscow, 56° at Riga, (2) 50° to 51° in the north-west of Norway, 52° at Sumburgh Hd and Stornoway, and below 60° over our northern districts generally. Rising later to between 72° and 76° in many parts of England, and touching 66° at Berlin, 75° at Paris, 79° at Nice, 87° at Popoian and 95° at Lubon.

Wind (1) W³ (NW to SW) over the British Islands and the Channel, and blowing strongly in many places; SW to S³ over Germany, the Baltic and Sweden, SE³ in the west of Norway; (2) light to moderate in force, and very variable in direction over the southern and eastern parts of Europe. Increasing to a gale from between SW and NW over the greater part of our Islands later.

Barometer highest 30.2 in. and more over the north of Spain, and 30.1 in. to 30.0 in. in a broad band stretching thence over southern and central Europe to Russia. Lowest 29.2 in. and less to 29.3 in. in a depression over the Shetlands and their neighbourhood, and below 29.5 in. in a secondary over Denmark; (2) below 29.9 in. over the Grecian Archipelago and Asia Minor. A new and strongly marked depression advancing rapidly from the eastward to our northern districts towards night.

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 now made at 9 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 3 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. 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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2. CORRECTIONS.

[illegible]

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
DATE.	STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sun- shine.	TEMP.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Dir.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	The Helder.....	30.14	60	msw	2	bc	30.08	-12	62	60	+3	w	2	c	2	bc	-	64	59	-
2	The Helder.....	30.06	62	msw	1	bc	30.02	-06	63	?	+1	w	2	bc	1	bc	-	66	59	-
-	Azores (P. Delgada)	30.23	69	nmE	3	bc	30.19	-04	72	67	+1	z	0	b	2	bc	-	77	66	-
5	Spurn Head.....	29.98	68	msw	5	c	29.79	-06	56	55	-3	s	4	r	4	c	-	65	?	0.13
-	Malin Head.....	29.91	57	nw	4	bc	29.39	-42	61	61	+5	msw	7	qmr	6	c, b	-	61	52	0.39
15	The Helder.....	30.03	77	z	0	bc	30.02	00	74	?	+1	SE	1	b	1	bc	-	86	68	-
-	Corunna.....	30.04	66	n	1	f	30.03	?	64	61	?	nw	1	b	3	f	-	72	55	-
17	Perpignan.....	29.99	72	NE	2	0	30.05	+02	72	?	+2	NE	2	0	-	0	-	78	68	-
18	Corunna.....	29.95	68	NE	3	bc	29.99	?	?	?	?	?	?	?	?	bc	-	79	59	-
19	Azores (P. Delgada)	29.94	70	nmw	3	r	29.97	-01	70	66	-1	nmw	4	c	3	r	-	75	68	-
21	Corunna.....	30.02	65	nw	3	f	30.00	?	65	61	?	nw	1	b	2	f	-	72	55	-
22	Corunna.....	29.98	79	ssw	6	b	30.13	+13	66	61	+1	sw	3	b	2	b	-	81	57	-
23	Biarritz.....	30.13	71	nw	4	t	30.23	+16	68	66	-2	sw	3	0	1	klr	-	75	66	0.04
27	The Helder.....	30.04	63	s	1	c	29.96	-23	66	?	+6	sw	3	0	?	c	-	70	59	-
29	Cape Gris Nez	?	62	w	5	c	?	?	57	?	-3	nw	2	c	5	c	-	64	54	-
31	Corunna.....	30.22	68	nmw	6	f	30.24	?	67	63	?	n	1	f	5	f	-	70	59	-