

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER,

1892.

28.4.94

Sec. Rtg. Lond.

DAILY WEATHER REPORT.

July to December 1892.



DAILY WEATHER REPORT

for 8 a.m. on Friday, 1st July, 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	29.89	53	NE	4	bc	29.90	+ .01	53	47	- 1	ENE	4	0	#	bc	61	48	-	
	Hernösand ...	29.98	54	NE	2	bc	29.96	- .04	57	?	+ 5	ENE	2	0	#	bc	72	43	-	
	Stockholm ...	29.86	51	N	4	b	29.90	- .02	57	50	+ 6	NE	6	0	#	b	59	48	-	
	Wisby ...	29.79	50	E	6	0	29.87	+ .11	50	49	+ 1	ENE	4	0	#	0	59	49	0.08	
	Bodö ...	30.07	47	W	2	0	29.97	- .13	52	48	+ 6	NE	1	0	#	0	?	44	-	
	Christiansund...	30.00	56	MNE	2	b	29.99	- .05	51	43	+ 1	WNW	2	0	#	b	59	45	-	
	Skudesnaes ...	30.06	52	NW	2	bc	30.00	- .01	54	52	+ 2	W	0	0	2	b, bc	56	46	-	
	Christiania Fjord (Fjord)	29.96	59	WSW	4	bc	29.93	00	59	56	+ 5	ESE	4	0	3	bc	63	52	-	
	Skagen (The Seaw)	29.94	51	SW	2	b	29.93	+ .13	55	51	+ 4	WNW	3	bc	2	b	64	50	0.04	
	Fanö ...	30.08	51	NW	4	b	30.06	+ .31	55	52	+ 2	WNW	2	0	#	b	59	50	-	
BRITISH ISLANDS.	Sumburgh Head	29.98	53	SW	2	r	29.94	- .10	53	50	+ 1	SW	2	0	3	0, r	55	45	0.02	
	Stornoway ...	29.98	57	SW	5	0	29.95	- .04	54	53	0	W	4	bc	4	0	60	47	0.08	
	Wick ...	30.01	52	S	2	bc	29.98	- .07	54	52	- 2	W	2	0	1	bc	62	48	0.04	
	Nairn ...	30.00	61	SW	2	bc	30.00	- .06	53	50	- 6	SW	1	0	1	bc	64	44	-	
	Aberdeen ...	30.05	62	SW	3	c	30.04	- .09	59	50	+ 3	W	2	bc	1	bc, c	68	45	-	
	Leith ...	30.11	62	W	3	c	30.09	- .09	56	51	- 1	WSW	2	0	#	c	68	50	-	
	Shields ...	30.14	64	W	3	c	30.11	- .09	60	55	+ 4	W	2	0	2	c	66	53	-	
	Spurn Head ...	30.19	62	W	2	c, m	30.17	- .08	57	55	+ 1	WSW	3	0	3	c, m	64	52	-	
	York ...	30.21	64	W	3	r	30.18	- .08	60	56	+ 3	W	3	0	#	r	66	51	-	
	Loughborough	30.23	67	WSW	2	c	30.24	- .07	59	55	+ 2	WNW	2	0	#	c	68	46	-	
GERMANY & HOLLAND.	Androssan ...	30.13	56	SW	4	cp	30.13	- .06	56	55	0	SW	3	0	2	ap	59	52	-	
	Malin Head ...	30.10	55	W	4	op	30.12	- .02	54	51	- 2	WSW	4	0	3	op	60	51	0.09	
	Mullaghmore ...	30.15	59	W	5	bc	30.17	- .02	55	51	- 2	WSW	5	0	3	cp, bc	63	49	0.04	
	Belmullet ...	30.18	58	W	4	bc	30.20	+ .01	58	53	- 1	W	2	0	#	bc	61	52	-	
	Donaghadee ...	30.16	56	WNW	4	r	30.18	- .01	59	57	- 2	W	4	bc	2	rl	72	56	0.44	
	Liverpool (Bldston)	30.23	63	W	3	b	30.22	- .07	58	54	+ 1	W	4	bc	4	b	64	55	-	
	Holyhead ...	30.24	57	SW	3	c	30.21	- .08	60	57	+ 4	W	1	0	2	b, c	62	53	0.03	
	Parsonstown ...	30.20	65	WNW	2	c	30.22	- .06	60	55	+ 2	WSW	1	0	#	c	68	51	0.02	
	Valencia ...	30.28	63	SW	4	bc	30.24	- .08	61	57	+ 2	SSW	1	0	2	bc	66	54	-	
	Roche's Point	30.28	63	WSW	3	b	30.24	- .12	58	56	+ 2	SE	1	0	2	b	64	52	-	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.30	57	W	2	bc	30.27	- .05	57	56	0	SW	2	0	2	bc	60	54	-	
	Scilly ...	30.37	61	W	2	b	30.29	- .08	60	58	- 1	S	3	0	3	b	65	56	0.01	
	Prawle Point ...	30.33	59	W	3	b	30.32	- .05	61	58	+ 3	W	2	0	1	b	62	49	-	
	Jersey (St. Aubin's)	30.35	62	WNW	4	b	30.33	- .05	65	59	+ 2	NW	3	bc	3	b	66	51	-	
	Hurst Castle ...	30.30	65	WSW	4	b	30.31	- .05	60	56	0	W	3	0	1	c, b	66	48	-	
	Dungeness ...	30.31	59	WSW	3	c	30.26	- .07	60	57	+ 2	WNW	2	0	1	bc, c	62	48	-	
	North Foreland	30.27	60	SW	2	bc	30.25	- .06	61	58	+ 2	WNW	2	0	2	bc	66	51	-	
	London ...	30.26	68	SW	1	bc	30.28	- .07	64	56	+ 6	W	1	0	#	0, b	70	47	-	
	Oxford ...	30.28	60	SW	2	b	30.28	- .06	58	55	+ 3	WSW	1	bc	#	bc, m	70	47	-	
	Cambridge ...	30.25	68	SW	1	c	30.25	- .07	61	57	+ 12	SW	1	bc	#	c	71	46	-	
PENINSULA.	Yarmouth ...	30.24	63	SE	1	bc	30.21	- .06	61	57	+ 3	WNW	2	0	2	bc	65	51	-	
	Cuxhaven ...	30.09	58	WNW	0	c	30.15	+ .27	57	56	+ 3	WSW	2	0	#	c	58	54	-	
	Berlin ...	29.97	54	WNW	5	r	30.15	+ .22	54	?	- 2	WNW	4	0	#	r	61	50	0.08	
	Wiesbaden ...	?	5	#	#	#	30.29	+ .04	58	54	+ 2	NW	2	0	#	#	70	48	-	
	Munich ...	30.30	55	NW	3	c	30.35	+ .11	56	50	- 6	W	1	0	#	c	63	46	-	
	The Helder ...	30.26	58	WNW	2	bc	30.22	- .01	59	55	+ 5	W	1	0	#	bc	63	54	-	
	Brussels (9 a.m.)	?	?	?	?	?	30.28	- .05	60	54	+ 5	WSW	3	0	#	c	68	46	-	
	Cape Gris Nez	30.27	58	WSW	3	bc	30.23	- .06	57	55	+ 3	SW	3	0	2	bc	61	54	-	
	Paris ...	30.30	66	E	2	c	30.32	- .05	59	53	+ 1	N	1	0	#	c	70	48	-	
	Brest ...	?	59	H	3	c	?	?	85	54	?	SE	1	bc	2	c	64	50	-	
FRANCE AND BELGIUM.	Lorient ...	30.31	64	W	4	b	30.32	- .05	55	52	+ 1	ENE	2	0	2	b	66	52	-	
	Rochefort ...	30.26	66	NW	4	b	30.26	- .05	62	58	+ 3	ENE	3	0	#	b	72	54	-	
	Belfort ...	?	65	W	3	bc	?	?	63	56	0	W	5	0	#	bc	60	45	-	
	Lyons ...	30.20	68	MNE	3	b	30.25	- .06	59	51	- 3	N	4	0	#	b, l	73	51	-	
	Nice ...	29.91	75	W	1	b	29.96	- .05	70	67	- 1	SW	1	bc	#	b	79	66	-	
	Perpignan ...	30.13	79	NW	3	b	30.17	- .05	72	60	- 2	NW	4	0	#	b	83	63	-	
	Biarritz ...	30.28	69	N	3	b	30.27	- .06	66	62	+ 2	SE	1	0	0	b	75	64	-	
	Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-		
	Lisbon ...	30.09	80	N	4	b	30.05	- .09	78	69	+ 4	S	1	0	#	b	91	68	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Friday, 1st July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to forces thus—

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

○ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

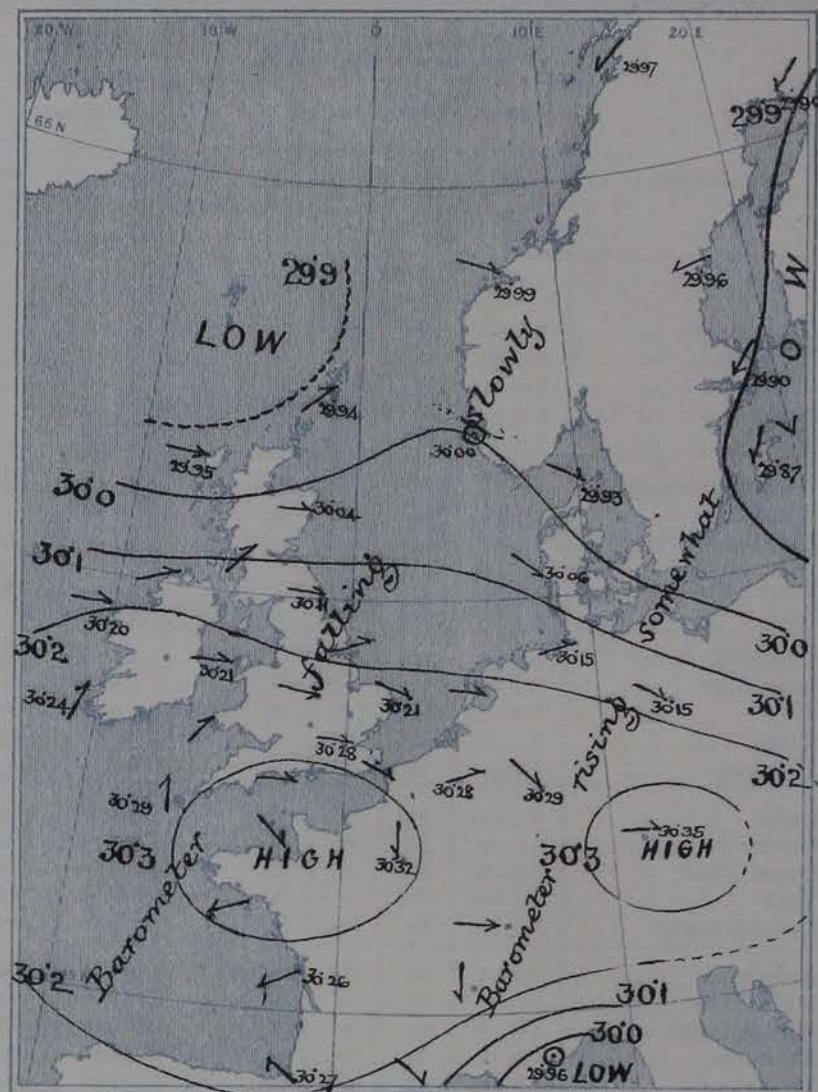
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Sornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.935
Seilly	29.974
Prawle Point	29.937
Jersey	30.001
Hurst Castle	29.963
Dover	29.957
LONDON	29.957
Oxford	29.945
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER—is shown by letters of the Beaufort Scale.

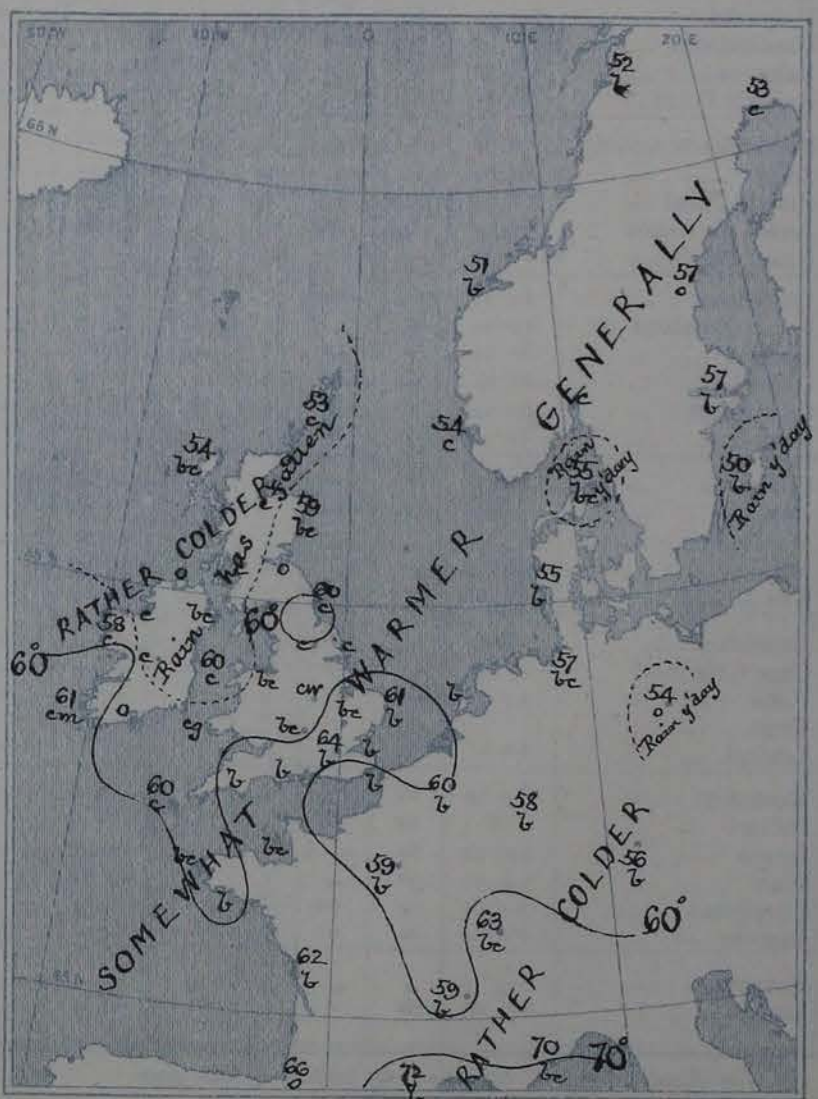
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	at 4 p.m.	
Sumburgh Head	57.4	48.0	58.1	51.8	2.27
Sornoway	60.2	48.9	55.5	53.0	3.03
Wick	61.3	48.7	55.8	58.5	2.84
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.0	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.0	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.0	61.4	57.0	2.84
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.0	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Seilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	64.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.5	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins: and more to 30.2 ins: in an anticyclone covering the Bay of Biscay, France, England, and Ireland.
 Lowest, 29.9 ins: and less, in a depression off the north of Scotland, and also over the eastern part of the Baltic.
 Gradients slight generally, but especially over the southern districts.
 Barometer rising in Germany, falling slightly in our Islands.

TEMPERATURE

Highest, 78° at Rebow, 70° to 72° in the south of France, 60° to 64° over our southern and eastern counties.
 Lowest, 50° at Kirkby, 51° at Christiansund, 53° at Lumburgh H^d, and at Naim, 54° at Malin H^d.
 The maxima recorded yesterday exceeded 70° over our southeastern counties and at Donaghadee; the night minima were rather low over our Midland and eastern districts.

WIND

Light to moderate from S.W. and W. over our Islands, and from W. over the North Sea. Variable over France, E. over the Bay of Biscay.
 The gales reported over the Baltic and Germany yesterday have subsided.

WEATHER

Fine and bright in France and the south of England, fair over our Islands as a whole, but cloudy in the northwestern and northern districts. Some of the southwestern and southern stations report *Cirrus* moving from west.
 Rain fell in the northwest and north of our Islands yesterday, and thunder occurred at Donaghadee.

SEA

Slight or smooth on all our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any decided change.

FORECASTS

For the 24 hours ending at NOON on 2nd July, 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | SW ^{ly} breezes, moderate to fresh; showery. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | W ^{ly} and SW ^{ly} breezes, light; fine. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | W ^{ly} and SW ^{ly} breezes, light; fair, cloudy in day, clear at night. |
| 5 | ENGLAND SOUTH | |



DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|---|
| 6 | SCOTLAND WEST | Same as No. 0. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | SW ^{ly} and S ^{ly} breezes; some showers, bright intervals. |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.05	56	50	NW	6	b	2	Valencia ...	30.31	65	61	SW	5	bc	4
Sumburgh Head ...	30.00	53	51	SSW	2	o	3	Scilly ...	30.36	63	59	W	2	b	4
Stornoway ...	29.98	58	53	SW	5	c	5	Jersey ...	30.36	64	57	NW	3	c	3
Aberdeen ...	30.05	67	54	SW	2	bc	1	Hurst Castle ...	30.34	61	57	SW	4	c	1
Shields ...	30.16	64	55	W	4	c	2	Dungeness ...	30.33	61	57	W	4	bc	2
Ardrossan ...	30.14	58	56	SW	3	o	3	North Foreland ...	30.26	66	58	S	2	b	2
Malin Head ...	30.10	58	56	W	4	o	3	London ...	30.28	68	57	SW	2	c	*
Mullaghmore ...	30.16	61	57	WSW	4	cp	3	Yarmouth ...	30.26	63	58	NE	3	bc	3
Belmullet ...	30.17	61	57	W	4	bc	3	Rochefort ...	30.29	71	64	W	3	b	*
Holyhead ...	30.27	62	56	SW	3	b	2								

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

Weather fine and bright over the greater part of our Islands and the Continent, but dull in Germany, and rainy over Denmark and the Baltic. Showers falling later in Ireland and the north of Scotland, with thunder at Donaghadee. Lightning reported at Lyons.

Temperature highest 86° at Brindisi, 82° at Algiers, 80° at Trieste, and 79° at Lishorn and Palermo, above 75° at most of the Adriatic and Mediterranean stations, and above 70° over the southern parts of Russia. Lowest 46° at Bodo, 47° at Archangel, 43° at Narvik, Riga, and Cambridge, and 50° at Christianmünd; below 55° over Scandinavia and northern Russia generally, and below 60° in nearly all parts of the United Kingdom. Raining during day to 70° or a little above in the southeast of England and also at Donaghadee. Exceeding 75° at many of the French stations, and reaching 84° at Paris.

Wind light to fresh from the SWnd or Snd in Ireland and Scotland, but W¹ over the greater part of England, and NE¹ in France and Spain. Moderate to strong from the Nnd over Sweden and the south of Norway, but strong to a gale from E. at Narvik and the Læur, strong from NW¹ or W¹ in Holstein and Germany, light from the SWnd in Poland. Light from the Nnd in Italy, but variable in Algeria. Subsequently veering to the Wnd in Ireland, but backing to the SWnd at some of the English stations.

Barometer highest 30.2 ins. to 30.3 ins. in an anticyclone covering Ireland, England, the Netherlands, France, the Bay of Biscay, and the north of Spain. Lowest 29.6 ins. and less, in a well marked depression having its centre over Ireland; 30.0 ins. and less, in a shallow area lying off the northwest of Scotland, and also in a small depression lying over the Gulf of Genoa. Danish depression subsequently travelling away to the eastward, disturbance off northwest of Scotland moving north-eastwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

“ Weekly “ “ “ £1 10 0 “

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 2nd July, 1892.

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

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.		Weather.		Barometer.		Shade Temp.			Wind.		Sea (0 to 9).			Shade Temp.		Amount of Rainfall.	
			Reading at 32° F. and Sea Level.	Dry Bulb.			Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.				Dirce.	Force (0 to 12).		Max.
	Inch.	°					Inch.	°	°	°							°	Inch.		
SCANDINAVIA.	Haparanda ...	29.87	56	Z	0	bc	29.88	-0.02	56	54	+3	NE	4	0	#	bc	64	45	-	
	Hernösand ...	29.93	54	Z	0	bc	29.93	-0.03	58	52	+1	Z	0	bc	#	bc	64	43	-	
	Stockholm ...	29.92	55	ESE	2	bc	29.93	+0.03	55	50	-2	Z	0	0	#	bc	68	46	0.08	
	Wisby ...	29.93	54	WSW	2	b	29.90	+0.03	59	55	+4	SE	2	c	#	b	63	45	-	
	Bodö ...	29.92	55	Z	0	b	29.96	-0.01	49	47	-3	WSW	2	b	1	b	59	46	-	
	Christiansund...	29.99	51	WNW	2	r	30.01	+0.02	53	49	+2	NW	1	0	3	r	55	48	-	
	Skudesnaes ...	30.00	53	WNW	4	b	30.04	+0.04	55	50	+1	NW	4	c	2	b	60	45	-	
	Christiania Fjord (Færd)	29.88	58	SSE	3	0	29.90	-0.03	58	53	-1	N	2	b	2	c, 0	61	55	-	
	Skagen (The Scaw)	29.85	53	W	4	b	29.90	-0.03	58	55	+3	WNW	4	b	2	b	61	52	-	
	Fanö ...	30.05	54	W	4	b	30.10	+0.04	55	51	0	NW	4	b	#	b	61	52	-	
BRITISH ISLANDS.	Sumburgh Head	29.94	52	W	3	b	30.00	+0.06	53	51	0	W	1	c	2	bc, b	57	47	-	
	Stornoway ...	30.01	55	W	4	bc	29.91	-0.04	52	51	-2	Z	0	0	3	bc	57	48	-	
	Wick ...	30.03	52	SW	2	c	30.00	+0.02	53	51	-1	S	3	c	1	c	60	42	-	
	Nairn ...	30.02	57	W	1	c	29.96	-0.04	55	51	+2	Z	0	c	0	c	62	53	-	
	Aberdeen ...	30.05	54	ESE	2	c	30.03	-0.01	56	51	-3	SSE	2	c	1	cp	62	46	0.03	
	Leith ...	30.09	63	SW	4	c	30.02	-0.07	57	54	+1	E	1	r	#	c	64	47	-	
	Shields ...	30.13	63	WSW	3	bc	30.07	-0.04	57	53	-3	SE	1	c	2	c, bc	65	51	-	
	Spurn Head ...	30.15	61	NW	4	c	30.12	-0.05	61	57	+4	S	2	c	3	c	68	55	-	
	York ...	30.17	63	W	3	b	30.12	-0.06	61	58	+1	S	1	c	#	b	68	55	-	
	Loughborough	30.19	68	WNW	2	bc	30.15	-0.09	62	57	+3	SSE	1	c	#	bc	73	52	-	
GERMANY & HOLLAND.	Ardrossan ...	30.13	57	SSW	3	0	29.96	-0.17	57	56	+1	S	2	0	1	0	64	49	-	
	Malin Head ...	30.10	59	WNW	2	b	29.88	-0.24	58	57	+1	SSE	3	0	2	c, b	60	52	0.02	
	Mullaghmore ...	30.18	58	WNW	1	c	29.87	-0.30	60	58	+5	SSW	5	0	3	om, cm	61	54	0.09	
	Belmullet ...	30.12	59	W	3	0	29.85	-0.35	59	58	+1	S	3	0	#	0	61	53	0.38	
	Donaghadee ...	30.15	61	WSW	2	c	29.97	-0.21	57	57	-2	SW	3	0	#	c	62	56	0.01	
	Liverpool (Bidston)	30.19	60	WNW	1	0	30.08	-0.14	62	57	+4	SE	2	bc	3	0	65	55	-	
	Holyhead ...	30.18	55	SW	3	f	30.05	-0.16	56	55	-4	S	4	0	3	c, fg	65	54	-	
	Parsonstown ...	30.11	64	Z	0	c	29.93	-0.29	64	60	+4	SE	1	c	#	c	70	59	-	
	Valencia ...	30.15	62	W	2	0	29.92	-0.32	61	60	0	SSE	4	0	4	omr	64	56	0.04	
	Roche's Point	30.20	59	E	3	f	29.98	-0.26	58	58	0	SSE	3	r	3	f	62	56	0.01	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.21	57	SSW	3	0	30.08	-0.19	56	55	-1	S	3	0	3	0	60	54	0.03	
	Scilly ...	30.22	62	S	4	c	30.07	-0.22	60	57	0	SSW	4	c	4	bc, c	68	57	-	
	Prawle Point ...	30.26	59	W	2	b	30.15	-0.17	60	57	-1	ESE	2	bc, w	1	b	68	54	-	
	Jersey (St. Aubin's)	30.29	67	WNW	3	b	30.16	-0.17	65	58	0	ESE	3	bc	3	b	68	55	-	
	Hurst Castle ...	30.26	64	WSW	5	bc	30.19	-0.12	64	60	+4	SSW	3	b	1	bc	66	55	-	
	Dungeness ...	30.22	61	W	4	bc	30.18	-0.08	62	60	+2	SSW	2	b	1	b, bc	65	52	-	
	North Foreland	30.18	65	SW	2	bc	30.16	-0.09	63	58	+2	S	2	b	2	bc	68	54	-	
	London ...	30.21	67	W	1	c	30.17	-0.11	70	60	+6	SSW	1	b	#	0, bc, 0	70	54	-	
	Oxford ...	30.21	63	SW	1	b	30.15	-0.13	65	55	+7	SW	3	bc	#	b	70	55	-	
	Cambridge ...	30.19	71	W	1	b	30.16	-0.09	67	61	+6	SSW	1	c	#	b	73	51	-	
PENINSULA.	Yarmouth ...	30.17	62	ESE	1	bc	30.16	-0.05	61	59	0	SSE	2	b	1	chpt, bc	67	54	0.26	
	Cuxhaven ...	30.16	59	W	3	b	30.16	-0.01	59	57	+2	WNW	3	b	#	b	63	57	-	
	Berlin ...	30.13	62	W	3	0	30.14	-0.01	59	55	+5	NW	4	b	#	0	68	54	-	
	Wiesbaden ...	#	#	#	#	#	30.22	-0.07	59	55	+1	WNW	1	b	#	#	72	50	-	
	Munich ...	30.28	58	NW	1	b	30.28	-0.07	60	53	+4	E	2	b	#	b	64	45	-	
	The Helder ...	30.21	60	W	2	bc	30.20	-0.02	60	58	+1	WNW	1	bc	#	bc	64	57	-	
	Brussels (9 a.m.)	#	#	#	#	#	30.21	-0.07	65	56	+5	SSE	1	b	#	b	71	48	-	
	Cape Gris Nez	30.21	59	SW	4	b	30.17	-0.06	58	56	+1	SSW	3	b	2	b	64	54	-	
	Paris ...	30.24	69	WNW	2	b	30.22	-0.10	59	44	0	NNE	2	b	#	b	70	48	-	
	Brest ...	?	61	NW	2	b	?	?	59	57	+4	SE	2	b	2	b	70	54	-	
GERMANY & HOLLAND.	Lorient ...	30.25	68	W	3	bc	30.10	-0.22	60	54	+5	E	4	b	2	bc	73	55	-	
	Rocheport ...	30.19	70	NW	4	b	30.10	-0.16	62	58	0	E	4	b	#	b	79	54	-	
	Belfort ...	?	65	W	3	bc	?	?	64	59	+1	W	4	bc	#	bc	79	44	-	
	Lyons ...	30.16	71	N	4	b	30.19	-0.06	68	53	+4	N	1	b	#	b	76	56	-	
	Nice ...	30.00	74	SW	1	b+	30.09	+0.13	73	62	+3	E	3	b	2	bc	82	68	-	
	Perpignan ...	30.09	80	NW	3	b	30.11	-0.06	70	63	-2	Z	0	b	#	b	86	60	-	
	Biarritz ...	30.17	72	WNW	2	b	30.02	-0.25	68	63	+2	ESE	2	b	2	b	77	59	-	
	Corunna ...	#	#	#	#	#	30.00	-0.05	70	63	-2	N	2	b	#	#	93	70	-	
	Lisbon ...	29.97	82	NW	4	b														

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 2nd July, 1892.

BAROMETER, WIND AND SEA.

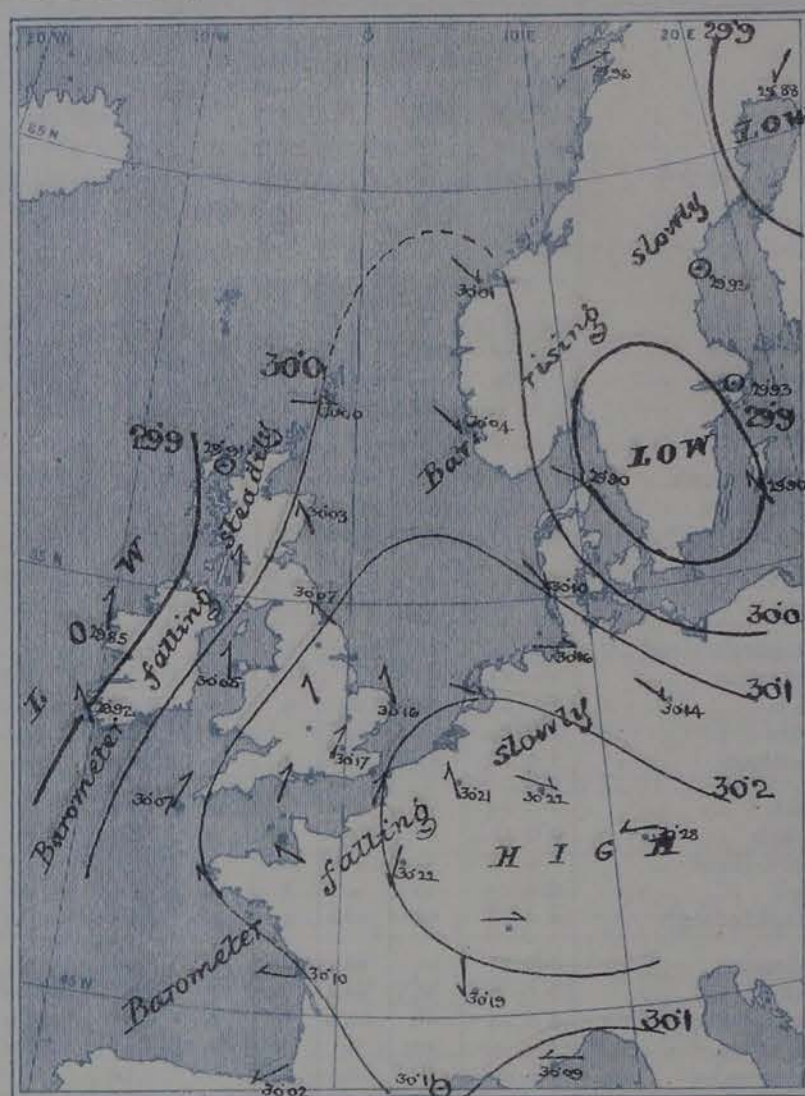
EXPLANATION OF MAP

BAROMETER—Isobars are drawn for each tenth of an inch.
Changes since previous morning are stated in words.
WIND—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus—
→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4.
— = dead calm.
SEA DISTURBANCE—Where considerable, is shown thus:
= Rough. = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.948
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL. (For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Dry.	Wet.	
Sumburgh Head.....	57.4	49.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	49.7	55.8	53.5	2.84
Nairn	64.3	50.9	56.7	53.8	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.71
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead.....	63.8	54.3	58.1	55.8	2.40
Liverpool.....	66.0	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	55.0	2.54
Scilly	64.4	55.2	60.2	58.1	2.48
Prawle Point.....	64.5	58.7	59.6	57.3	2.24
Jersey	68.3	58.2	62.0	58.9	2.40
Hurst Castle	67.8	55.0	61.1	58.8	2.20
Dover	65.8	56.3	61.9	58.4	1.55
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: and more over Germany and the East of France, and exceeding 30.0 in: over England, the East of Scotland, the west of Norway and the North Sea.
 Lowest, 29.9 in: and less, over Ireland, also in a shallow disturbance over the south of Sweden, and in a larger system approaching our northern coast from the SW.
 Gradients slight, but increasing (for S. winds) in the west.
 Barometer falling over the United Kingdom generally, most in the northwest and west.

TEMPERATURE

Highest, 70° to 73° in the south of France, 70° in London, and 67° at Cambridge.
 Lowest, 48° at Bodo, 51° at Stomoway, 53° at Lumburg H^{ts} and Mill.
 The maxima yesterday were 70° or more at Exeter and over the inland parts of our southeastern counties; in the south of France they exceeded 85°.

WIND

Light to moderate from NW. on the eastern shore of the North Sea. S. over the United Kingdom generally - light at the northern and eastern stations, moderate to fresh in the west. Over the Bay of Biscay there is a breeze from the E.

WEATHER

Fine and bright over Germany, France, and the greater part of England; dull in the west and northwest, with rain at the Irish stations.
 A solar halo is reported at Jersey, and cirrus cloud, moving from NW. at Oxford and in London.
 Sharp showers of hail and rain occurred at Exmouth yesterday afternoon. In London the sky looked very rainlike at 2 am.

SEA

Moderate at Valence andilly, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The showery weather in the west seems likely to spread eastwards and will probably reach the eastern districts tonight.

FORECASTS

For the 24 hours ending at NOON on 3rd July, 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | S ^{ly} winds, freshening; becoming rainy and squally. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | S ^{ly} winds, light to moderate; fine and warm then showery. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | S ^{ly} winds, freshening; becoming cloudy today, rain at night. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | S ^{ly} winds, freshening; showery. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | |
| 9 | IRELAND NORTH | S ^{ly} to SW ^{ly} winds, fresh to strong; showery. |
| 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 S.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 ...	30.00	60	53	W	4	c	2	Valencia ...	30.20	61	58	WSW	3	sm	3
Sumburgh Head ...	29.94	55	52	WSW	3	bc	3	Scilly ...	30.28	67	61	S	4	bc	3
Stornoway ...	29.99	56	51	W	4	bc	4	Jersey ...	30.33	66	58	W	3	b	3
Aberdeen ...	30.03	57	52	SE	2	cp	2	Hurst Castle ...	30.28	65	60	WSW	5	bc	1
Shields ...	30.12	64	55	W	3	c	2	Dungeness ...	30.24	65	61	W	4	b	3
Ardrossan ...	30.12	59	53	SSW	3	o	2	North Foreland ...	30.21	68	61	S	2	bc	2
Malin Head ...	30.13	59	55	W	3	c	3	London ...	30.24	70	58	W	1	cg	*
Mullaghmore ...	30.17	59	54	WSW	2	om	3	Yarmouth ...	30.19	62	60	NE	3	cprh	3
Belmullet ...	30.18	60	55	SW	3	o	*	Rochefort ...	30.24	74	63	WW	4	b	*
Holyhead ...	30.22	61	57	SW	3	c	2								

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

Weather fine and bright in the south of England as well as in most other parts of western and southern Europe. Dull in Russia, Germany, and Austria, with rain in the Baltic Provinces and also at Uleaborg and Moscow. Showers falling later in the west of our Islands and heavy showers at one or two of our east coast stations, with hail at Yarmouth.

Temperature highest 84° at Palma, 83° at Brindisi, 82° at San Fernando, and 78° at Genoa and Barcelona, above 75° in many parts of southern and eastern Europe. Lowest 43° at Archangel, 50° at Niemy, Riga and Breslau, and 51° at Christiansund, below 55° over the northern and central parts of Russia generally, the north of Scandinavia and the extreme north of the United Kingdom. Rising during day to between 70° and 73° over the inland parts of England and to 75° and upwards in France, reaching 82° at Nice, and 83° at Perpignan.

Wind light to moderate from the Wnd or SWnd over our Islands and the Netherlands, and from the NWnd over Denmark, Germany, Austria and the south of Russia, light from the NEnd over the northern parts of Russia and Sweden. Nth in Algeria and the southern parts of Italy; Eth in Spain and the west of France; variable over central France. No important change occurring during day.

Barometer highest 30.20 in. to 30.35 in. in an anticyclone covering the greater part of England, Ireland, the Bay of Biscay, France, and Germany. Lowest 29.6 in. and less, in a well marked but somewhat shallow depression lying over eastern Russia; 29.9 in. and less, in a shallow system lying to the northward of Scotland. Anticyclone giving way gradually during day, but no important change occurring in general distribution of pressure.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 3rd July, 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.		°	°	°					°	Inch.				
SCANDINAVIA.	Haparanda ...	29.88	53	NE	2	b	29.92	+ .04	57	48	+	1	NE	2	b	#	63	43	—		
	Hernösand ...	29.97	58	S	2	c	29.97	+ .04	61	53	+	3	S	1	b	#	72	41	—		
	Stockholm ...	29.97	55	Z	0	b	30.01	+ .08	62	55	+	7	SW	2	b	#	66	50	—		
	Wisby ...	29.97	54	SSE	4	b	30.02	+ .12	56	52	—	3	NW	2	b	#	64	48	—		
	Bodö ...	?	48	WNW	2	c	29.63	— .33	49	45		0	WSW	1	c	#	54	45	—		
	Christiansund...	30.02	55	NW	2	b	29.87	— .14	56	51	+	3	ESE	3	b	2	66	46	—		
	Skudesnaes ...	30.02	54	WNW	2	c	29.98	— .06	54	50	—	1	ESE	4	r	2	59	48	—		
	Christiania Fjord (Fairlie)	29.92	62	SSW	2	b	29.98	+ .08	61	57	+	3	SSE	3	b	2	63	55	—		
	Skagen (The Seaw)	29.97	53	W	8	b	30.02	+ .12	56	52	—	3	SW	1	c	0	63	48	—		
	Fanö ...	30.07	53	WNW	1	b	30.04	— .06	57	55	+	2	S	2	c	#	63	54	—		
BRITISH ISLANDS.	Sumburgh Head	29.88	53	SSE	4	o	29.63	— .37	51	51	—	2	Z	0	r	#	57	47	0.17		
	Stornoway ...	29.67	54	S	6	r	29.61	— .30	53	53	+	1	Z	0	o	3	54	50	0.45		
	Wick ...	29.77	54	S	5	r	29.64	— .36	58	56	+	5	S	2	c	7	58	42	0.18		
	Nairn ...	29.71	59	W	1	o	29.61	— .35	60	59	+	5	Z	0	o	0	63	50	0.11		
	Aberdeen ...	29.86	53	SSE	3	or	29.69	— .34	58	54	+	2	S	3	o	3	59	53	0.36		
	Leith ...	29.84	62	SSW	1	o	29.70	— .32	62	58	+	5	WSW	1	r	#	65	55	0.02		
	Shields ...	29.89	68	SW	3	o	29.74	— .33	61	58	+	4	SSW	2	cp	2	76	57	0.15		
	Spurn Head ...	29.97	62	SSE	3	c	29.80	— .32	62	59	+	1	SSE	3	c	2	68	56	—		
	York ...	29.96	68	S	2	o	29.78	— .34	63	56	+	2	S	1	bc	#	71	56	—		
	Loughborough	29.98	74	S	2	c	29.81	— .34	66	63	+	4	S	1	bc	#	76	54	—		
GERMANY & HOLLAND.	Ardrossan ...	29.80	57	S	3	r	29.67	— .29	57	56		0	ESE	1	p	2	58	54	0.25		
	Malin Head ...	29.72	59	SW	4	o	29.63	— .25	57	57	—	1	WSW	2	of	2	61	56	1.24		
	Mullaghmore ...	29.74	63	SSW	2	o	29.66	— .21	57	56	—	3	WSW	2	orm	2	66	56	0.93		
	Belmullet ...	29.75	61	N	4	o	29.67	— .18	57	53	—	2	NNW	2	o	#	63	55	0.56		
	Donaghadee ...	29.81	56	WSW	3	o	29.69	— .28	56	56	—	1	SW	3	o	1	58	65	0.22		
	Liverpool (Bidston)	29.94	64	WSW	2	r	29.76	— .32	62	57		0	SE	2	c	3	70	55	0.21		
	Holyhead ...	29.92	57	SSW	3	o	29.74	— .31	60	56	+	4	S	2	c	2	61	55	0.10		
	Parsonstown ...	29.81	62	SE	2	r	29.68	— .25	61	58	—	3	Z	0	c	#	66	55	0.79		
	Valencia ...	29.82	59	S	3	o	29.69	— .23	59	59	—	2	SW	2	rm	2	62	57	1.67		
	Roche's Point	29.86	57	SW	4	r	29.69	— .29	59	59	+	1	SSE	3	f	4	59	54	0.40		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.93	60	S	3	c	29.73	— .35	60	56	+	4	SW	1	b	2	62	55	—		
	Scilly ...	29.90	62	SE	4	o	29.74	— .33	62	60	+	2	W	3	b	2	67	57	—		
	Prawle Point ...	29.98	59	ESE	3	b	29.74	— .41	60	59		0	W	1	b	0	65	58	—		
	Jersey (St. Aubin's)	29.97	75	NE	2	bc	29.80	— .26	64	60	—	1	SW	4	om	3	77	61	—		
	Hurst Castle ...	30.01	68	SSE	3	b	29.75	— .44	68	62	+	4	SSE	4	bc	0	70	60	—		
	Dungeness ...	30.04	64	SE	2	bc	29.80	— .38	66	62	+	4	SE	1	b	1	71	58	—		
	North Foreland	30.03	62	SSE	2	bc	29.77	— .39	66	61	+	3	S	2	b	3	70	58	—		
	London ...	30.03	70	SSE	3	c	29.76	— .41	74	64	+	4	SE	1	bc	#	76	57	—		
	Oxford ...	29.97	66	S	1	o	29.78	— .37	67	60	+	2	SSE	1	b	#	74	53	—		
	Cambridge ...	30.05	72	S	1	c	29.79	— .37	70	64	+	3	S	1	c	#	77	56	—		
PENINSULA.	Yarmouth ...	30.05	63	SSE	3	b	29.84	— .32	63	60	+	2	SSE	4	b	2	65	58	—		
	Cuxhaven ...	30.16	59	WNW	2	b	30.10	— .06	60	58	+	2	SSE	2	b	#	62	58	—		
	Berlin ...	30.06	64	NW	2	b	30.12	— .02	62	56	+	3	SE	2	b	#	68	55	—		
	Wiesbaden ...	*	*	*	*	*	30.06	— .16	66	59	+	7	SSE	2	b	#	73	54	—		
	Munich ...	30.20	60	NE	1	b	30.17	— .11	62	59	+	2	E	3	b	#	68	45	—		
	The Helder ...	30.10	64	E	1	bc	29.96	— .24	67	62	+	7	SE	2	bc	1	68	59	—		
	Brussels (9 a.m.)	*	*	*	*	*	29.91	— .20	72	60	+	7	SE	2	b	#	77	58	—		
	Cape Gris Nez	30.05	63	NE	3	b	29.83	— .34	68	58	+	10	SE	3	c	1	66	58	—		
	Paris ...	30.03	76	E	2	b	29.89	— .23	68	59	+	9	SE	3	b	#	79	57	—		
	Brest ...	?	69	S	2	c	?	?	60	60	+	1	SW	3	c	#	75	54	—		
FRANCE AND BELGIUM.	Lorient ...	29.92	75	Z	0	b	29.85	— .25	63	61	+	3	WSW	4	o	2	79	59	—		
	Rocheport ...	29.90	79	NNE	3	b	29.93	— .17	66	64	+	4	WNW	4	o	#	97	62	—		
	Belfort ...	?	67	E	4	bc	?	?	68	61	+	4	E	2	bc	#	82	52	—		
	Lyons ...	30.04	80	E	1	b	30.00	— .19	75	60	+	12	SSW	2	b	#	84	60	—		
	Nice ...																				
	Perpignan ...	30.02	73	NE	1	b	30.03	— .08	73	69	+	3	W	2	c	#	80	63	—		
	Biarritz ...	29.87	91	ESE	3	b	30.01	— .01	68	64		0	WNW	4	o	1	95	66	—		
	Corunna ...	*	*	*	*	*	30.09	+ .06	65	63		9	W	4	bc	3	70	57	—		
	Lisbon ...	30.02	72	N	3	b	30.06	+ .06	67	62		9	N	3	b	#	86	63	—		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Sunday, 3rd July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

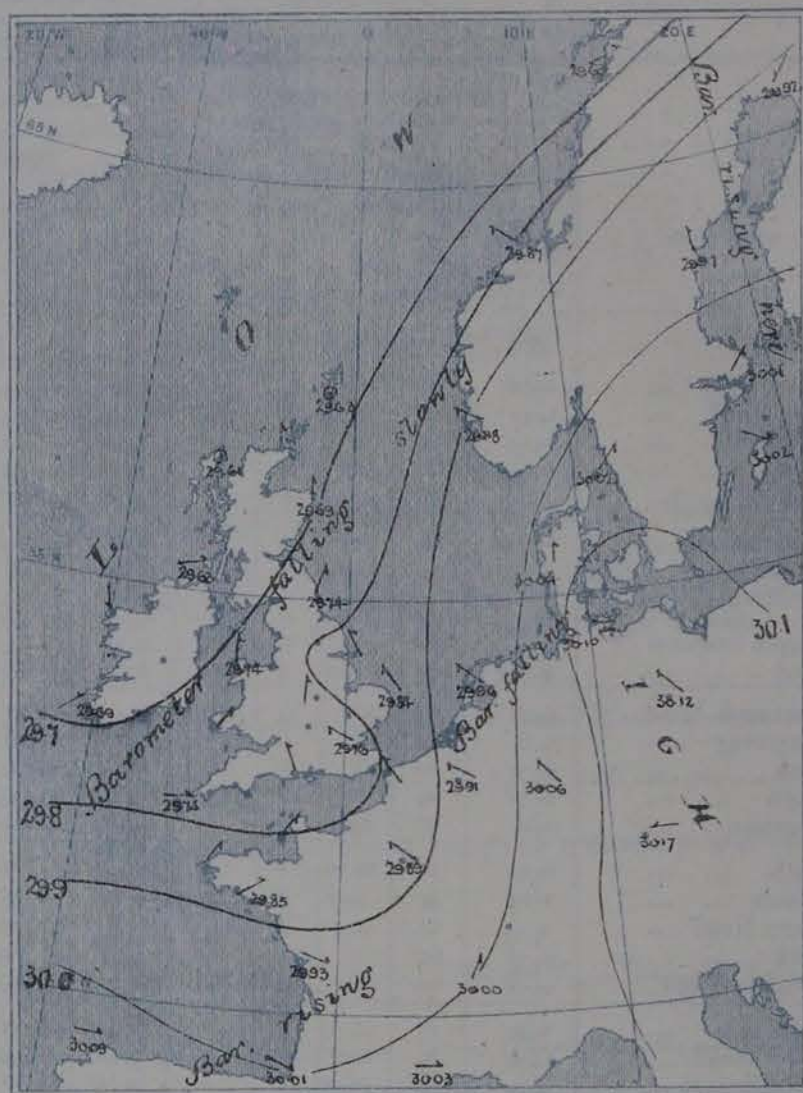
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871-1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.900
Parsonstown	29.813
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Sally	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

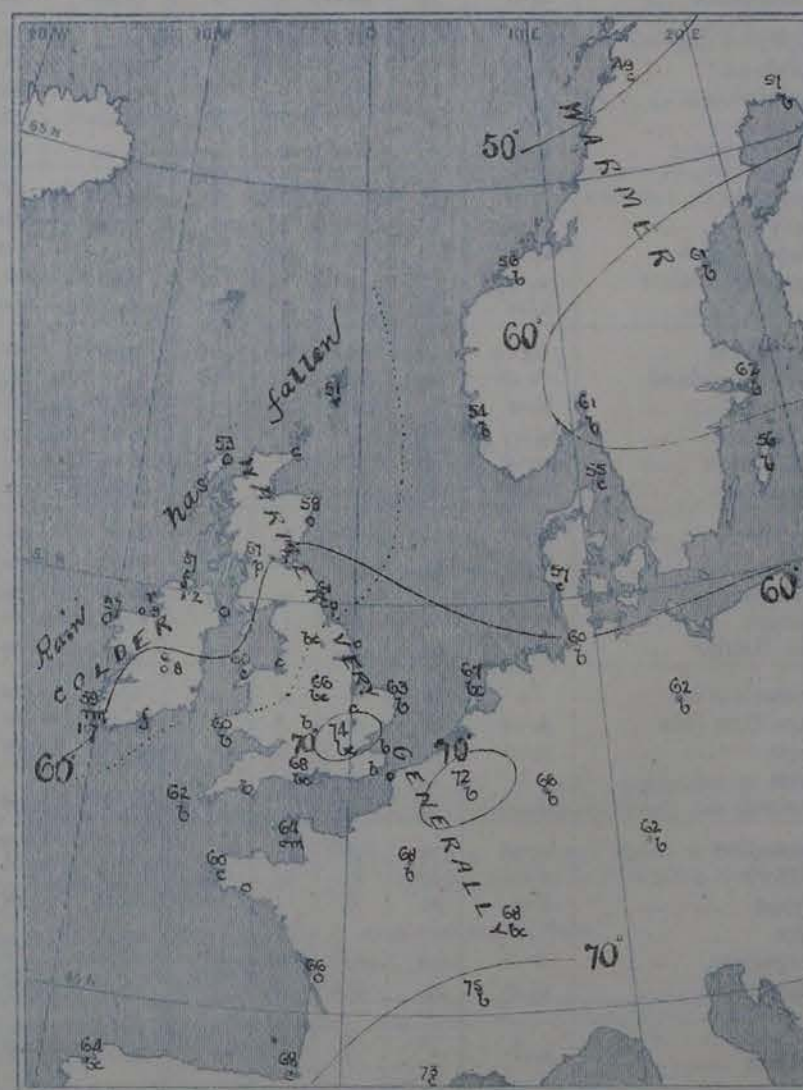
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.6	2.27
Stornoway	50.2	48.9	55.6	52.8	3.02
Wick	61.8	48.7	55.8	53.5	2.94
Nairn	64.3	50.9	55.7	53.3	2.69
Aberdeen	63.9	50.5	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.0	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.0	61.4	57.0	2.34
Ardrossan	68.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.0	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.66
Valencia	64.0	53.6	58.9	56.4	2.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Sally	64.1	56.2	60.2	58.1	2.48
Prawle Point	64.5	53.7	59.0	57.8	2.24
Jersey	65.5	56.2	62.0	58.5	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	65.8	56.3	61.9	58.4	1.93
LONDON	72.4	64.0	63.0	67.8	2.38
Oxford	69.6	53.4	60.0	56.0	2.68
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.8	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 mm and more to 29.9 mm in an anticyclone covering southeastern and Central Europe, and spreading northwards as a ridge over Denmark, the Baltic and Sweden.
Lowest, 29.7 mm and less over Ireland and Scotland and also over the northwestern part of Russia; 29.8 mm and less, in a well marked secondary lying over the south of England and moving northwards.
Gradients very slight and variable in our Islands, moderate over the North Sea and the northwestern half of Scandinavia.
Barometer falling in our Islands and over the North Sea, rising over France.

TEMPERATURE

Highest, 74° in London, 72° at Brussels, 70° at Cambridge, 68° at Harrogate, Paris, and Vienna, 67° at Oxford and the Alderney.
Lowest, 49° at Abbeville, 51° at Edinburgh, 53° at Stornoway; below 60° on the coast of Norway, Scotland and Ireland generally.
The maxima for yesterday ranged from 70° to 73° over the inland parts of England.

WIND

Mainly SE² over Norway, the North Sea and England, and S¹ in the east of Scotland.
Very variable over Ireland and the west of Scotland.
W³ over the western parts of the Channel and Bay of Biscay.

WEATHER

Dull and rainy in the north and west, dull in the northeast, fine in the southwest, south, and southeast, but with a very unsettled appearance of the sky.
Rainfall yesterday was heavy at most of the Irish stations, and considerable in some parts of Scotland, but thunder is not reported at present from any station, nor rain from our southern countries.

SEA

Moderate at Rock Point, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 4th July, 1892.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

None issued

WARNINGS.

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.06	59	52	WNW	4	c	2	Valencia ...	29.87	62	61	S	3	r	3
Sumburgh Head ...	29.97	54	53	SSE	2	o	3	Scilly ...	29.98	65	60	SSE	4	c	4
Stornoway ...	29.76	51	51	SW	4	o	4	Jersey ...	30.06	72	62	SE	2	bc	2
Aberdeen ...	29.96	54	52	SSE	3	opg	2	Hurst Castle ...	30.11	68	61	SSW	2	bc	1
Shields ...	29.94	68	61	SSW	3	c	2	Dungeness ...	30.12	65	62	WSW	1	b	1
Ardrossan ...	29.90	58	56	S	4	r	3	North Foreland ...	30.06	69	62	S	2	bc	2
Malin Head ...	29.71	59	59	S	4	o	2	London ...	30.09	73	60	S	2	c	*
Mullaghmore ...	29.78	64	61	S	5	o	4	Yarmouth ...	30.09	65	61	SSE	4	b	2
Belmullet ...	29.79	62	60	S	2	o	*	Rocheport ...	29.99	89	68	E	4	b	*
Holyhead ...	29.99	60	55	SSW	4	og	3								

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

Weather fine and bright over England and the greater part of the Continent, but cloudy in Scotland, with rain at Leith, as well as at many of the Irish stations. Dull also over Poland and the Baltic, with rain at Posen and Neufahrwasser. Heavy rain falling later in Ireland (1.7 in. at Valentia Island and 1.2 in. at Malin Hd.) and smaller quantities in Scotland; lightning occurring at Bordeaux and a thunderstorm at Neufahrwasser.

Temperature highest 81° at Thionville, 79° at Barcelona and Tunis, 78° at La Jolla and 77° at Oran; above 70° in most parts of southern Europe, and varying between 65° and 70° over the inland part of England. Lowest (1) 46° at Kuopio, and 52° at Riga and Posen; (2) 49° at Oslo, 52° at Stornoway, and 53° at Sumburgh Hd. and Wick. Rising later to between 75° and 77° at several of the English stations, exceeding 80° in most parts of France and southern Europe, and reaching 95° at Rimini and 97° at Rocheport.

Wind light to moderate from the Sst or SEnd over our Islands, but NWth in Norway, Denmark, and north Germany, and Wth in Austria and the south of Russia. Light from the Nth or NEnd in the north of Russia; calm in Sweden. Eth in the west and south of France; Nth in Italy; variable in Spain and Algeria. No important change occurring during day, but Sth wind blowing strongly in the Hebrides.

Barometer highest 30.1 in. to 30.3 in. in a large anticyclone covering England, France, Germany, Austria and northern Italy. Lowest 29.6 in. and less, in a well marked but shallow depression lying over Central Russia, 29.9 in. and less, in a small shallow system over the south of Sweden and also in another disturbance lying to the westward of the United Kingdom. Swedish depression falling up later; Atlantic disturbance travelling slowly in a north-north-westerly direction outside the coast 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 8 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 4th July, 1892.

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.	TRMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirc.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°						°		Inch.		
SCANDINAVIA.	Haparanda ...	29.91	58	SE	0	b	29.94	+0.02	55	47	-2	NE	4	b	#	b	71	-		
	Hernösand ...	29.92	57	SSW	4	b	29.88	-0.04	59	54	-5	SSW	2	1	#	b	72	52		
	Stockholm ...	30.01	59	SSW	2	b	29.97	-0.04	62	58	-4	S	2	0	#	b	68	46		
	Wishby ...	30.04	55	SSW	4	b	30.04	+0.02	60	54	+6	SSW	6	b	#	b	66	46		
	Bodö ...	29.88	51	NE	2	b	29.78	-0.15	63	51	+12	E	2	b	#	b	72	45		
	Christiansund...	29.80	57	NE	1	r	29.71	-0.16	57	54	+3	SE	4	r	2	r	64	50	0.20	
	Skudesnaes ...	29.82	58	SSE	4	o	29.60	-0.38	58	55	+3	E	2	0	3	o	58	54	0.12	
	Christiania Fjord (Færd)	29.97	59	SSE	4	bc	29.87	-0.11	61	56	-5	ESE	5	0	3	bc	61	57	-	
	Skagen (The Seaw)	29.95	58	S	0	b	29.80	-0.22	60	56	+4	SSE	4	0	2	c	64	58	-	
	Fanö ...	29.85	60	SSE	4	b	29.76	-0.29	62	59	+3	SW	4	b	#	b	70	57	-	
BRITISH ISLANDS.	Sumburgh Head	29.62	53	SE	0	r	29.59	-0.04	49	49	-2	WNW	4	r	4	r	55	47	0.38	
	Stornoway ...	29.66	52	E	3	o	29.71	+0.10	52	50	-2	SW	2	0	3	o	54	45	0.42	
	Wick ...	29.63	55	SW	2	r	29.69	+0.05	49	48	-9	N	3	r	2	r	60	47	0.35	
	Nairn ...	29.60	57	SE	0	r	29.69	+0.08	48	48	-12	W	1	or	1	p	64	47	1.18	
	Aberdeen ...	29.63	59	S	2	og	29.68	-0.01	49	48	-9	WNW	4	or	3	p.og	63	44	0.30	
	Leith ...	29.62	62	W	1	c	29.70	+0.08	53	52	-9	WSW	2	r	#	c	65	51	0.34	
	Shields ...	29.66	60	SE	0	o	29.67	-0.07	57	54	-4	W	4	c	2	o,tlr	65	52	0.12	
	Spurn Head ...	29.58	61	ESE	4	bm	29.79	+0.01	61	57	-4	WNW	4	c	3	bm	66	56	-	
	York ...	29.60	72	NE	1	c	29.78	+0.08	58	54	-5	W	3	bc	#	c	78	57	0.24	
	Loughborough	29.62	78	SW	5	b	29.86	+0.05	61	57	-5	WNW	2	0	#	b, g	84	58	-	
GERMANY & HOLLAND.	Ardrossan ...	29.62	57	WSW	1	r	29.75	+0.08	57	52	-5	WNW	3	bc	2	r	57	51	0.30	
	Malin Head ...	29.67	51	WNW	4	or	29.82	+0.15	53	48	-5	WNW	3	b	2	or	58	51	0.07	
	Mullaghmore ...	29.69	54	WNW	5	op	29.87	+0.21	55	48	-7	WNW	2	c	2	op	59	51	0.11	
	Belmullet ...	29.74	50	N	2	o	29.88	+0.21	56	50	-6	SW	2	0	#	o	59	49	-	
	Donaghadee ...	29.62	59	SW	2	o	29.83	+0.14	56	54	-2	WNW	3	b	2	o	60	53	0.73	
	Liverpool (Bidston)	29.65	66	WNW	2	bc	29.87	+0.11	54	51	-3	WNW	3	bc	4	tl, bc	74	52	0.06	
	Holyhead ...	29.66	60	SSW	2	ogm	29.88	+0.14	59	54	-5	WNW	1	b	2	p, ogm	75	55	0.07	
	Parsonstown ...	29.69	64	WNW	1	c	29.94	+0.26	56	51	-5	W	0	c	#	c	65	45	0.24	
	Valencia ...	29.77	62	WNW	2	c	29.99	+0.30	57	52	-2	W	3	b	3	c	63	48	0.09	
	Roche's Point	29.73	64	WNW	2	bc	29.97	+0.28	57	53	-2	WNW	2	b	2	p, bc	65	52	0.25	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.72	58	SW	3	r	29.92	+0.19	54	54	-6	WNW	3	ogp	3	r	63	53	0.05	
	Scilly ...	29.80	62	WSW	4	c	29.94	+0.20	62	60	-2	WSW	3	bc	3	c	68	56	0.01	
	Prawle Point ...	29.82	59	W	3	o	29.94	+0.10	60	59	-1	WSW	2	bc	1	c, or	63	57	0.07	
	Jersey (St. Aubin's)	29.88	65	WNW	4	bc	29.99	+0.19	63	60	-3	WSW	3	ogp	3	bc	69	59	-	
	Hurst Castle ...	29.81	63	WSW	6	b	29.92	+0.17	61	60	-1	WSW	6	bc, p	2	b	68	58	-	
	Dungeness ...	29.80	61	WSW	6	bc	29.91	+0.11	62	60	-4	WSW	5	c	4	b, bc	70	52	-	
	North Foreland	29.76	66	WSW	4	bc	29.89	+0.12	65	61	-4	W	5	bc, g	3	bc	75	55	-	
	London ...	29.74	72	SSW	4	bc	29.90	+0.14	65	59	-6	SSW	2	bc	#	bc, b, bc	81	58	-	
	Oxford ...	29.75	65	WSW	2	b	29.90	+0.12	63	58	-5	SW	3	bc	#	b	82	58	-	
	Cambridge ...	29.77	77	S	1	b	29.86	+0.07	64	60	-4	SW	1	c	#	b	85	57	-	
PENINSULA.	Yarmouth ...	29.68	66	S	4	b	29.83	-0.01	64	61	+3	WSW	5	bc	3	b	74	56	-	
	Cuxhaven ...	29.93	67	ESE	3	b	29.88	-0.22	68	66	+2	SW	3	b	#	b	72	57	-	
	Berlin ...	30.01	70	E	3	b	29.97	-0.15	65	60	-5	SE	2	0	#	b	79	59	-	
	Wiesbaden ...	*	*	*	*	*	30.02	-0.15	68	66	+2	W	1	0	#	#	82	62	0.04	
	Munich ...	30.09	65	NE	2	b	30.12	+0.06	55	49	-6	SW	3	b	#	b	77	54	-	
	The Helder ...	29.79	68	SW	3	bc	29.89	-0.07	62	60	-2	SW	5	c	3	bc	79	61	-	
	Brussels (9 a.m.)	*	*	*	*	*	29.97	+0.06	65	60	-5	WSW	2	c	#	c	90	60	-	
	Cape Gris Nez	29.82	62	WSW	5	bc	29.92	+0.09	59	56	-3	WSW	4	c	#	bc	79	57	-	
	Paris ...	29.90	76	SW	2	bc	30.02	+0.13	65	61	-4	SW	2	c	#	bc	87	59	-	
	Brest ...	?	63	SW	2	c	?	?	61	60	-1	W	2	c	2	c	75	59	-	
FRANCE AND BELGIUM.	Lorient ...	29.94	66	SW	3	o	29.97	+0.12	64	62	+2	W	3	bc	2	o	77	61	-	
	Rochefort ...	29.99	71	WNW	4	bc	30.06	+0.13	65	64	-1	W	1	0	#	bc	79	63	-	
	Belfort ...	?	67	W	3	c	?	?	68	61	-7	W	3	c	#	c	90	59	-	
	Lyons ...	29.96	83	W	2	b	30.08	+0.08	68	60	-8	S	1	0	#	b	90	64	-	
	Nice ...	30.06	76	W	0	b	30.12	+0.06	71	61	-10	NE	1	c	#	b	84	63	-	
	Perpignan ...	30.04	71	N	2	b	30.06	+0.03	71	69	-2	W	1	bc	#	b	83	64	0.08	
	Biarritz ...	29.99	69	WNW	3	o	30.09	+0.08	65	64	-1	WNW	4	r	2	oll	73	63	0.08	
	Corunna ..	30.04	68	WNW	5	b	30.12	+0.06	67	62	-5	N	4	b	#	b	77	63	-	
	Lisbon ...	30.04	68	WNW	5	b	30.12	+0.06	67	62	-5	N	4	b	#	b	77	63	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Monday, 4th July, 1892.

BAROMETER, WIND AND SEA.

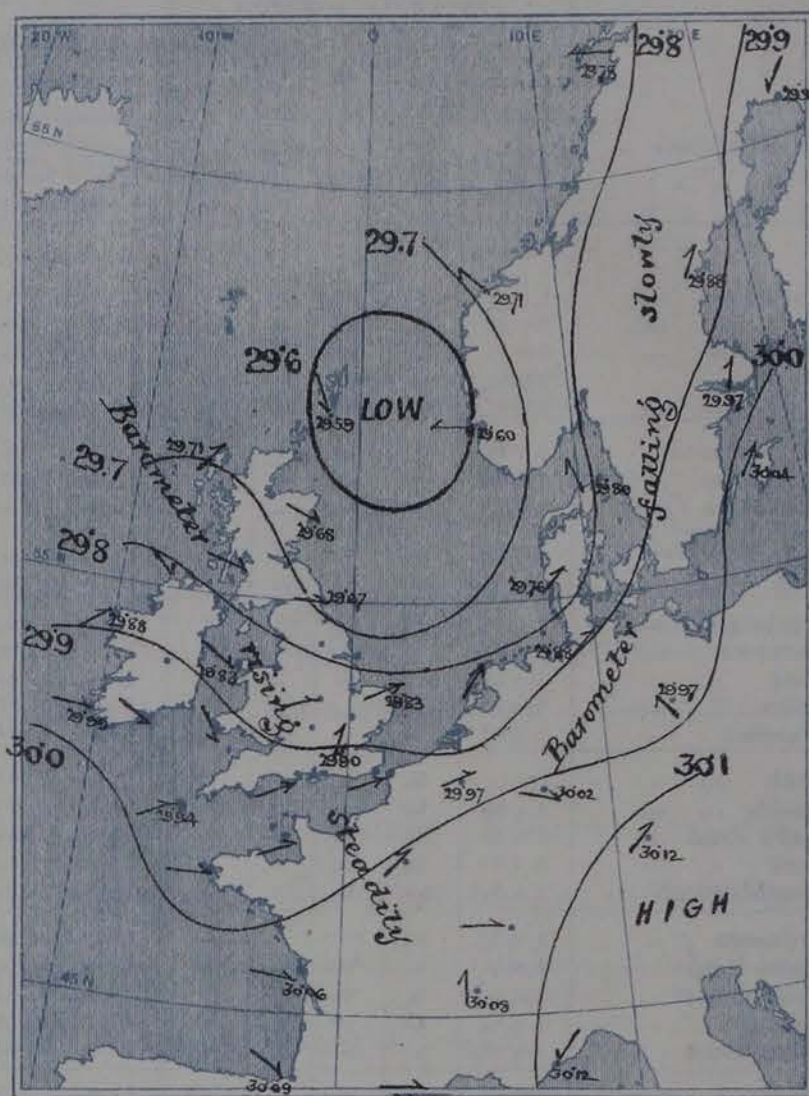
EXPLANATION OF MAP.

BAROMETER—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
WIND—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus—
 → = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4.
 ○ = dead calm.
SEA DISTURBANCE—Where considerable, is shown thus:
 ▨ = Rough. ▩ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
 During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.6	3.02
Wick	61.8	48.7	55.2	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.45
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and more to 30.0 in: over southern Europe and the greater part of France.
 Lowest, 29.7 in: and less, in a depression lying between the Shetlands and Norway, and spreading southwards over the North Sea.
 Gradients very irregular, - moderate to slight.

TEMPERATURE

Barometer rising unsteadily in our Islands, falling over Scandinavia.
 Highest, 71° at Nice and Perpignan, 67° at Lisbon, 65° at Liming, Paris, Berlin, and London, and 63° at Moscow.
 Lowest, 48° at Nain, 49° at Aberdeen, Wick, and Dunburgh H., 52° at Stomway, 53° at Melin H.
 It has fallen decidedly over England since yesterday, when the maxima over many inland regions ranged from 80° to 85°.

WIND

Very variable from between SW. and NW. in our Islands - light to moderate in force at the northern and eastern stations fresh in the southeast and east. SW¹ to SE¹ and moderate on the eastern shore of the North Sea, W¹, light, over France.

WEATHER

Very rainy in the northeast and east of Scotland and at Christiansund, fair generally over Ireland, England and France.
 A good deal of rain has fallen over Ireland and the northern half of Great Britain, the largest amounts being 0.73 in: at Donaghadee, and 1.18 in: at Nain. Thunderstorms occurred over our northern counties yesterday.

SEA

Very little disturbed.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the north seems to be passing away to the northeastward, and an improvement in the weather is consequently likely to occur in the northeast of Great Britain.

FORECASTS

For the 24 hours ending at NOON on 5th July, 1892.

DISTRICTS.

FORECASTS.

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

NW¹ to W¹ winds; rainy to fair.
 SW¹ to NW¹ winds; cloudy to clear, possibly local showers.

DISTRICTS.

FORECASTS.

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

NW¹ to SW¹ winds, light; some showers, bright intervals.

W¹ to NW¹ winds; changeable, some rain.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.87	56	54	SE	6	0	3	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.64	58	52	NE	3	0	3	Jersey ...	29.88	68	63	WSW	5	bc	4
Aberdeen ...								Hurst Castle							
Shields ...								Dungeness ...	29.78	67	64	WSW	5	b	4
Ardrossan ...								North Foreland...	29.74	75	65	WSW	4	bc	3
Malin Head ...	29.53	56	56	NW	2	0	1	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.70	54	53	NW	2	0	*	Rochefort ...	29.99	74	68	NW	3	c	*
Holyhead ...	29.68	63	59	WSW	1	0	1								

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

Weather fine and bright over the greater part of England and the Continent. Dull and showery in Ireland, Scotland and the north of England and foggy at Roches Point, cloudy also in the west of France, with lightning at Biarritz. Cloudy, unsettled weather spreading later to all but the southeastern parts of the United Kingdom. Thunderstorms occurring in the north of England and heavy rain falling at many of our northern stations, the largest amounts being 1.2 ins. at Nairn, and 0.7 ins. at Donaghadee.

Temperature highest 85° at Palma, 81° at Brindisi and Annale, 79° at La Calle, and 78° at Barcelona and Algiers; above 70° in nearly all parts of southern and eastern Europe, and also in the inland parts of the southeast of England. Lowest 44° at Archangel, 49° at Boko, 51° at Moscow and Sumburgh H., and 52° at St. Petersburg; below 55° over northern and central Russia generally as well as in the extreme north of Scotland. Rising during day to between 80° and 85° over the central parts of England and to between 85° and 90° in many parts of France and Belgium, but not exceeding 77° at Lisbon.

Winds light to moderate from the SW. or W. in the western parts of our Islands and France, but SE. over England, the Netherlands, north Germany, Denmark and the south and west of Norway. Light from the NW. or N. over Russia and also in the southern parts of Italy, variable in Austria, Spain and the south of France, chiefly E. in Algeria. Subsequently veering to the NW. in Ireland and to the SW. in the south of England; blowing strongly in the eastern parts of the Channel.

Barometer highest 30.4 ins. and upwards in an anticyclone lying over Germany, Austria and N. Italy. Lowest 29.7 ins. and less in Ireland and Scotland and also over northern Russia. Shallow depressions appearing during day over the more northern parts of the United Kingdom, barometer rising again in the west towards evening.

The Summary will appear tomorrow.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 5th July, 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.		°	°	°					°	Inch.			
SCANDINAVIA.	Haparanda ...	29.85	57	SW	2	b	29.78	— .16	58	51	+ 3	E	2	b	#	b	68	45	—	
	Hernösand ...	29.76	56	SE	2	bc	29.63	— .25	55	54	— 4	L	0	o	#	bc	70	50	—	
	Stockholm ...	29.81	59	SE	2	o	29.61	— .36	60	59	— 2	W	2	o	#	o	75	50	0.28	
	Wisby ...	29.85	62	S	6	c	29.70	— .34.	58	56	— 2	NW	6	bc	#	c	72	52	0.16	
	Bodö ...	29.67	62	E	2	c	29.56	— .22	60	53	— 3	E	4	o	2	c	68	52	—	
	Christiansund...	29.52	65	SE	2	o	29.58	— .13	52	51	— 5	WSW	7	r	3	o	66	48	0.04	
	Skudesnaes ...	29.63	55	S	2	r	29.77	+ .17	53	49	— 5	W	3	c	3	r	63	48	0.35	
	Christiania Fjord (Færdar)	29.68	60	SSW	5	o	29.60	— .27	60	58	— 1	SSW	5	c	3	o	61	57	—	
	Skagen (The Seaw)	29.73	58	WSW	4	o	29.69	— .11	57	55	— 3	WNW	7	c	5	o	50	54	0.08	
	Fanö ...	29.88	56	W	6	c	29.91	+ .15	55	53	— 7	W	4	bc	#	c	64	54	—	
BRITISH ISLANDS.	Sumburgh Head	29.68	52	WNW	3	bc	29.51	— .08	52	51	+ 3	SE	3	o	4	r, bc	53	44	0.16	
	Stornoway ...	29.71	54	SW	4	o	29.25	— .46	53	53	+ 1	S	7	r	6	o	58	48	0.10	
	Wick ...	29.78	55	S	3	c	29.40	— .29	55	53	+ 6	S	2	bc	3	c	58	48	0.08	
	Nairn ...	29.73	60	W	1	b	29.38	— .31	58	56	+ 10	SW	1	bc	1	b	61	48	0.01	
	Aberdeen ...	29.80	54	SSE	3	c	29.52	— .16	56	53	+ 7	SSE	5	cqu	4	rc	60	48	0.07	
	Leith ...	29.83	60	WSW	2	bc	29.55	— .15	62	55	+ 9	W	4	o	#	bc	63	50	0.11	
	Shields ...	29.87	60	WSW	3	bc	29.69	+ .02	54	53	— 3	SSE	4	c	2	bc, r	63	49	0.11	
	Spurn Head ...	29.91	61	WNW	4	c	29.85	+ .06	58	55	— 3	SW	5	c	4	c	65	52	—	
	York ...	29.94	60	W	2	b	29.80	+ .02	56	54	— 2	S	1	c	#	b	69	50	—	
	Loughborough	29.95	67	WNW	2	bc	29.89	+ .03	59	56	— 2	SW	4	cq	#	bc	70	56	—	
GERMANY & HOLLAND.	Ardrassan ...	29.84	57	SSW	1	o	29.61	— .14	56	53	— 1	SSW	4	o	4	c, o	62	54	0.16	
	Malin Head ...	29.73	55	SSW	5	o	29.48	— .34	53	51	— 0	WSW	7	opd	4	og, r	58	51	0.02	
	Mullaghmore ...	29.74	57	S	7	o	29.65	— .22	55	51	— 0	WSW	7	c	4	opg	59	53	0.13	
	Belmullet ...	29.71	56	SSW	6	o	29.68	— .20	56	52	— 0	W	7	bc	#	od	59	51	0.12	
	Donaghadee ...	29.86	58	SW	2	o	29.68	— .15	56	55	— 0	W	6	bc	4	og	64	54	0.08	
	Liverpool (Bldston)	29.96	57	W	2	c	29.81	— .06	59	56	+ 5	WSW	3	o	3	c	62	52	0.06	
	Holyhead ...	29.96	56	SSW	3	c	29.80	— .03	58	56	— 1	SW	5	og	4	c	65	54	0.04	
	Parsonstown ...	29.89	60	SW	1	o	29.78	— .16	56	53	— 0	SW	2	o	#	o	63	54	0.13	
	Valencia ...	29.93	59	S	5	o	29.87	— .12	58	55	+ 1	SW	4	om	4	og, #	62	55	0.05	
	Roche's Point	29.99	60	SW	3	c	29.89	— .08	58	55	+ 1	WSW	3	o	3	c	62	56	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.03	57	W	4	b	29.89	— .03	57	57	+ 8	SSW	6	rmq	5	b	60	54	0.11	
	Scilly ...	30.09	62	WSW	3	bc	30.01	+ .07	60	59	— 2	SW	5	opm	4	bc, p	63	56	—	
	Prawle Point ...	30.04	62	WSW	5	b	30.06	+ .12	58	57	— 2	WSW	5	omg	4	b	65	58	—	
	Jersey (St. Aubin's)	30.08	64	WSW	3	bc	30.15	+ .16	61	58	— 2	SW	3	bc	3	bc	69	56	—	
	Hurst Castle ...	30.03	64	WSW	5	b	30.07	+ .15	60	58	— 1	WSW	6	c	3	bc, b	67	55	—	
	Dungeness ...	29.98	63	W	5	bc	30.04	+ .13	61	58	— 1	W	6	bc	4	bc	66	56	—	
	North Foreland	29.94	69	W	5	b	30.01	+ .12	63	62	— 2	W	4	cq	3	bc, b	71	54	—	
	London ...	29.98	71	SW	2	bc	30.02	+ .12	60	55	— 5	SW	3	c	#	bc, p	77	52	—	
	Oxford ...	29.99	65	SW	2	b	29.97	+ .07	60	55	— 3	SSW	5	og	#	b	72	49	—	
	Cambridge ...	29.99	72	W	1	bc	29.94	+ .08	62	57	— 2	S	2	c	#	bc	72	48	—	
PENINSULA.	Yarmouth ...	29.92	69	W	2	bc	29.94	+ .11	60	56	— 4	WSW	3	bc	2	bc	71	54	0.05	
	Cuxhaven ...	29.95	65	W	3	b	29.97	+ .09	64	62	— 4	WSW	2	o	#	b	72	64	—	
	Berlin ...	29.94	72	L	0	o	30.01	+ .04	66	61	+ 1	NNW	2	b	#	o	77	63	0.16	
	Wiesbaden ...	*	*	*	*	*	30.12	+ .10	67	63	— 1	NNW	2	b	#	*	77	59	—	
	Munich ...	30.20	60	W	2	*	30.22	+ .10	60	60	+ 5	SW	4	r	#	b	82	58	1.06	
	The Helder ...	30.01	63	SW	1	bc	29.99	+ .10	61	59	— 1	SW	5	c	3	bc	68	54	—	
	Brussels (9 a.m.)	*	*	*	*	*														
	Cape Gris Nez	29.99	62	SW	3	b	30.02	+ .10	58	53	— 1	WSW	4	bc	4	b	64	55	—	
	Paris ...	30.06	74	W	3	bc	30.18	+ .16	63	56	— 2	W	2	bc	#	bc	77	55	—	
	Brest ...	?	64	W	3	c	?	?	58	58	— 3	W	3	c	3	c	70	57	—	
FRANCE AND BELGIUM.	Lorient ...	30.18	65	W	4	b	30.18	+ .21	62	58	— 2	WSW	4	bc	2	b	68	59	—	
	Rocheport ...	30.15	68	NW	4	bc	30.21	+ .15	64	61	— 1	N	3	c	#	b, bc	75	61	—	
	Belfort ...																			
	Lyons ...	30.21	62	E	1	o	30.25	+ .17	64	62	— 4	N	1	c	#	o	89	57	0.28	
	Nice ...	30.11	74	SE	1	b	30.08	— .04	70	64	— 1	L	0	c	0	b	82	66	—	
	Perpignan ...	30.17	67	SW	1	b	30.21	+ .15	70	64	— 1	NNW	1	b	#	b	82	62	0.43	
	Biarritz ...	30.25	69	NNW	3	o	30.23	+ .14	68	64	+ 3	ESE	3	o	1	o	73	63	—	
	Corunna ...	*	*	*	*	*														
	Lisbon ...	30.14	67	NNW	5	b	30.15	+ .03	69	64	+ 2	NNW	4	b	#	b	77	63	—	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 5th July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent wind. They fly with the wind and

their barbs and feathers refer to force thus—

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 1 to 4.

○ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

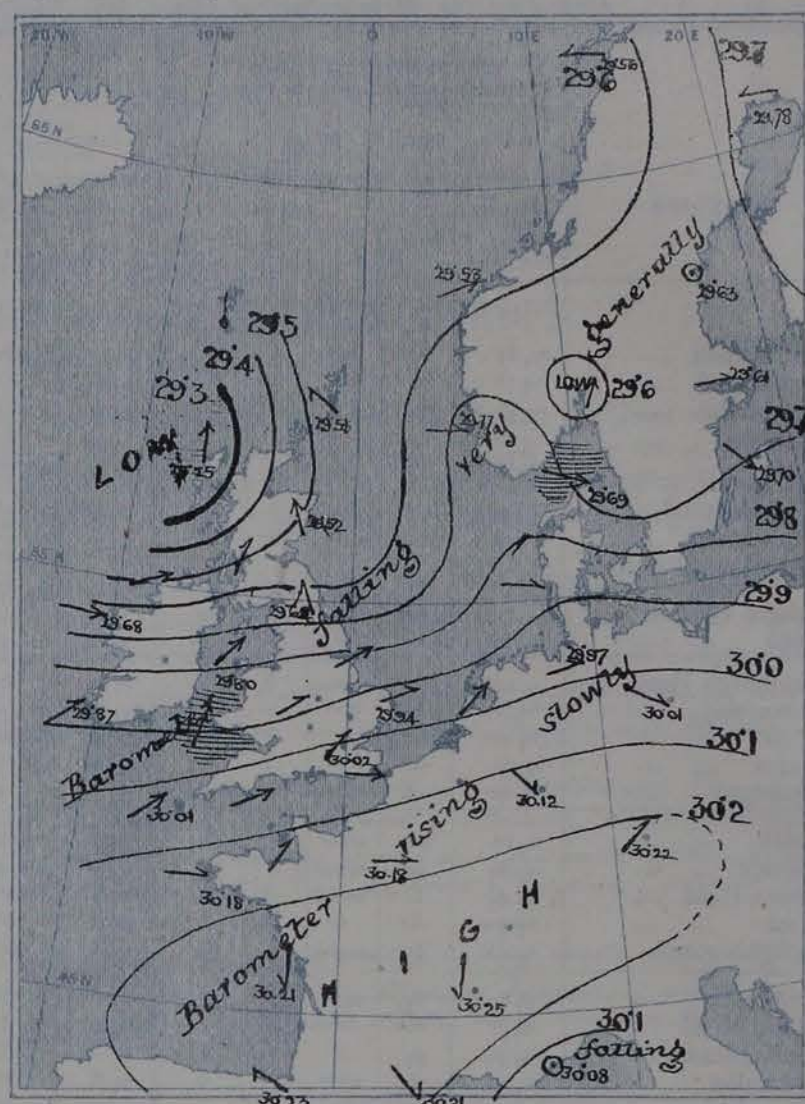
⊞ = Rough. ⊞ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
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TEMPERATURE, & WEATHER AT 8 A.M., WITH RAINFALL IN PAST 24 HOURS.

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	57.4	48.0	53.1	51.5	2.27
Stornoway	59.2	48.9	55.5	53.6	3.02
Wick	61.8	48.7	55.2	53.5	2.34
Nairn	64.3	50.9	56.7	53.8	2.59
Aberdeen	63.9	50.6	57.5	53.0	2.78
Leith	66.7	51.2	58.4	54.0	2.85
Shields	64.1	52.2	58.3	55.0	2.86
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.5	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.6	52.6	57.3	54.0	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	3.32
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.06
Parsonstown	65.4	51.5	58.1	54.8	2.06
Valencia	64.0	53.6	58.0	54.4	3.90
Roche's Point	66.1	53.2	58.9	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	59.2	55.1	2.45
Prawle Point	64.5	56.7	59.0	57.8	2.21
Jersey	68.3	56.2	62.0	58.9	3.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.88
Oxford	69.5	53.1	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	65.6	54.9	60.8	57.8	2.86

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



GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.10 ins. to 30.25 ins. in an anticyclone lying over France and south Germany.</p> <p>Lowest 29.3 ins. and less in a depression lying off the northwest of Scotland.</p> <p>Gradients rather steep over the north and northwest of our Islands, and moderate over the United Kingdom and the North Sea generally, but slight elsewhere.</p> <p>Barometer falling in most parts of our Islands and also in Scandinavia, but rising again in the W. of Ireland.</p>
TEMPERATURE	<p>Highest 70° at Nice and Perpignan, 69° at Lisbon, 68° at Biarritz, 67° at Wiesbaden, and 66° at Berlin.</p> <p>Lowest 52° at Christiansund and Sumburgh H., 53° at Skadesnæs, Stormøysund and Hvalf., and 54° at Shields.</p> <p>The highest maxima registered over our Islands yesterday were 77° in London, and 72° at Oxford, on our northern and northwestern coasts the thermometer did not reach 65°.</p>
WIND	<p>Fresh or strong from the SWnd over Ireland and England and from the Snd in Scotland.</p> <p>Wnd over Denmark and the south of Scandinavia, and strong in force at Wisby and Skagen.</p> <p>Light from the End in the north of Scandinavia, variable over the southern parts of France.</p>
WEATHER	<p>Cloudy or overcast in most parts of our Islands and Scandinavia, with rain or passing showers at several of the western stations.</p> <p>Fine in Denmark, Germany and France.</p> <p>Since yesterday morning rain has fallen in W. and N. of our Island generally. Thunder occurred at Munich and Perpignan, with heavy rain in the former places.</p>
SEA	<p>Moderate or slight generally, but rough at Stormøysund and rather rough at Skagen and Pembroke.</p>

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the northwest of Scotland will probably travel away in a NErd direction, but showery weather is very likely to spread southeastwards over England.

FORECASTS

For the 24 hours ending at NOON on 6TH JULY 1892.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	S th winds, strong to SW th moderate, unsettled, some showers.	6 SCOTLAND WEST	SW th and W th winds, fresh or strong, changeable, showery.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	Same as N ^o 5.
3 ENGLAND EAST	Same as N ^o 5.	9 IRELAND NORTH	Same as N ^{os} 6. and 7.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH	SW th winds, fresh, cloudy, some showers	WARNINGS	None Issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND	F.	WEA.	SEA.		BAR.	THER.		WIND	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.56	57	55	SSE	9	of	5	Valencia ...	29.99	60	55	S	4	cg	4
Sumburgh Head	29.63	49	49	NNW	4	r	4	Scilly ...	30.06	62	58	NNW	3	bep	3
Stornoway ...	29.73	57	56	W	2	o	3	Jersey ...	29.08	68	65	W	3	bc	3
Aberdeen ...	29.76	57	51	WNW	3	c	3	Hurst Castle ...	30.00	66	61	WSW	4	bc	2
Shields ...	29.81	60	53	W	3	c	2	Dungeness ...	29.97	65	62	WSW	5	bc	4
Ardrossan ...	29.85	61	57	W	3	c	2	North Foreland ...	29.92	71	65	W	4	bc	3
Malin Head ...	29.83	56	52	SW	2	o	2	London ...	29.92	76	61	W	3	c	#
Mullaghmore ...	29.85	57	52	SSE	4	op	3	Yarmouth ...	29.89	71	63	W	3	bc	3
Belmullet ...	29.82	55	53	SW	5	o	#	Rochefort ...	30.11	72	67	NNW	4	b	#
Holyhead ...	29.95	60	50	WSW	1	c	1								

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

Weather in morning fine and bright over Russia, Austria, southeastern and the greater part of southern Europe, changeable and unsettled in the NW, with much rain over the E^m half of Scotland. Showers at our western and northern stations generally during day, considerable rain in some parts of France, and a heavy fall (1.1 in) at Munich; thunderstorms in the southern parts of Germany and France.

Temperature fallen considerably over the British Islands, the Netherlands and NE. of France, risen over Germany, the Baltic. Morning readings, 81° at La Cote, 81° at Brindisi and exceeding 70° at many other of the Mediterranean stations; below 60° over the N^m half of our Islands and over Russia, and as low as 46° at Archangel. 48° to 49° in the NE. of Scotland, 52° at Stornoway and 53° at Malin H^d and Leith. Not reaching 75° at any of our stations during day, but touching 77° at Berlin, Wiesbaden and Paris and 82° to 89° over the southern parts of France.

Wind light and anticyclonic over southern and eastern Europe, moderate in the NW. and N. and blowing from NW. and W. over the United Kingdom, from SW and S. on the eastern shores of the North Sea and from SE. to E. in Norway. Backing to the S. in Ireland later and becoming strong at the extreme W^m stations.

Barometer 30.2 in. and more to 30.0 in. in a complex anticyclone covering the whole of southern southwestern and southeastern Europe. Lowest 29.6 in. and less in a depression lying over the N^m part of the North Sea, and 29.7 in. and less in another over the N. of Russia. A third, shallow disturbance found over the Mediterranean and south of Sardinia. New and apparently large depression approaching our western coasts later from the Atlantic.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 26TH JUNE TO 2ND JULY 1892.

The weather experienced over our Islands during this week has been very changeable. At first slight showers were experienced in Ireland and the western and northern parts of Great Britain only, while bright weather prevailed in the east and south. On Tuesday evening, however, a depression of no great depth advanced NW. over England, bringing with it thunderstorms of great severity to our eastern, northeastern and midland counties and very large quantities of rain especially in the northwestern districts of England. Then came a brief spell of lower temperatures and dull weather, but these soon gave way and with a clearing sky and light W. breezes the barometer rose generally, and no rain of importance occurred over England till the end of the week.

On Saturday a new depression appeared off the west of Ireland, and fresh S. breezes again brought heavy falls of rain to Ireland and the northwestern parts of Great Britain, while in the south and east the weather was fine, warm and bright.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 5 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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

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

" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 6th JULY, 1892.

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

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Barom.	Temp.	Wind.		Weather.		Barometer.		Shade Temp.			Wind.						Shade Temp.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			Reading at 32° F. and Sea Level.	Dry Bulb.			Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.					Dir.	Force (0 to 12).	Weather.	Sea (0 to 3).	Weather.	Max.	Min.	Amount of Rainfall.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday, 6th July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

SEA-DISTURBANCE—Where considerable, is shown thus:

☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.850
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Seilly	29.974
Frawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL (For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick.....	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.60
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith.....	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.71
York.....	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.31
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.92
Holyhead.....	63.3	54.3	58.1	55.8	2.40
Liverpool.....	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia.....	64.0	53.6	58.9	55.4	3.90
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Seilly.....	64.4	56.2	60.2	58.1	2.46
Frawle Point	64.5	53.7	59.6	57.3	2.24
Jersey.....	68.3	56.2	62.0	58.9	2.40
Hurst Castle.....	67.8	55.5	61.1	58.8	2.20
Dover.....	66.8	56.3	61.9	58.4	1.95
LONDON.....	72.4	54.0	62.0	57.8	2.38
Oxford.....	69.6	53.4	60.0	56.6	2.58
Cambridge.....	71.9	52.2	61.3	57.7	2.42
Yarmouth.....	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over Spain, the Bay of Biscay & the greater part of France.
Lowest 29.5 ins. and less in a large area lying to the northward of our Islands.
Gradients moderate over our western coasts, but slight elsewhere.
Barometer rising in most parts of Great Britain and France, but falling elsewhere, - quickly in the west of Ireland.

TEMPERATURE

Highest 72° at Perpignan, 69° at Nice, 67° at Berlin, and 65° at Dungeness, Lyons, Rochefort and Munich.
Lowest 51° at Sumburgh Head and Malin H., 52° at Christiansund and Donaghadee, & 53° at Wick, Lill & Ardrossan.
The highest maxima registered over our Islands yesterday were 69° at Harwich, & 68° at Jersey, Cambridge, London and Lisbon.

WIND

S⁴ or SW⁴ in the west and north of our Islands, and strong in force in the west of Ireland.
Moderate from the W² in the east and south of England, and also in Denmark, the Netherlands and the west and north of France.
S⁴ or SW⁴ in Germany, variable in the south of France, E⁴ or NE⁴ over the Nth parts of Scandinavia.

WEATHER

Fine over England but cloudy or overcast in most other parts of western Europe, with rain in the south of Ireland, the west of Norway, Holstein and north Germany.
Rain fell yesterday in nearly all parts of the United Kingdom, as well as over the Netherlands and the Nth parts of France, the largest amounts being 1.1 inches at Oxford, 0.6 ins. at Cambridge and Harwich, and 0.5 ins. at Paris. Thunder and lightning occurred at Loughborough.

SEA

Moderate to smooth generally, but rather rough at Mullaghmore, Valanceia Island, Sicily & Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which lay off the NW. of Scotland yesterday has travelled away to the north-westward, but a new disturbance of considerable depth is approaching Ireland. Gales from the S² or SW² are probable on our extreme western coasts, and rainy weather is likely to spread to most parts of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 7th JULY 1892.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
ft 0	SCOTLAND NORTH	Wind backing to the S th and increasing in force; fair to dull and some rain.	ft 6	SCOTLAND WEST	Same as N ^{os} 0 and 1.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.		8	ENGLAND S.W.	S ^{ly} and SW ^{ly} winds, fresh or strong; dull and rainy at first, but improving later.
3	ENGLAND EAST	W ^{ly} to SW ^{ly} winds, freshening considerably; fair to dull and some rain.	ft 9	IRELAND NORTH	
4	MIDLAND COUNTIES		ft 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. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.71	55	52	SSE	6	om	4	Valencia ...	29.92	60	56	WSW	4	bcn	4
Sumburgh Head ...	29.37	54	53	SE	3	o	5	Scilly ...	29.99	60	59	SSW	4	r	4
Stornoway ...	29.34	57	56	S	7	o	6	Jersey ...	30.03	66	60	SSW	3	o	3
Aberdeen ...	29.48	64	54	WSW	7	bcy	4	Hurst Castle ...	20.01	59	58	SW	7	or	3
Shields ...	29.66	63	55	SW	4	c	2	Dungeness ...	30.02	62	60	W	6	c	5
Ardrossan ...	29.64	59	54	W	4	c	3	North Foreland ...	29.94	63	60	W	6	o	4
Malin Head ...	29.60	55	52	W	6	c	4	London ...	29.96	63	59	SSW	3	o	*
Mullaghmore ...	29.72	58	53	WSW	7	cp	5	Yarmouth ...	29.89	67	61	SW	5	cp	3
Belmullet ...	29.76	58	53	SW	5	bc	*	Rochefort ...	30.20	73	66	WNW	2	lt	*
Holyhead ...	29.81	59	50	SW	4	cy	4								

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

Weather in morning fine over southeastern, central, southern and western Europe as a whole, dull in the northwest, with rain in Norway and on our own extreme northwestern coasts. Rain later over the British Islands generally the west and north of France and many parts of Germany. Largest falls reported 1.8 in. at Oxford, 0.6 in. at Cambridge and Yarmouth, 0.4 in. in London, at the N. Foreland and Valencia, and 0.3 in. at Loughborough; thunder and lightning at Loughborough.

Temperature - Still exceeding 85° at La Culla and Brindisi and exceeding 60° over nearly the whole of the western and central countries of Europe, including the southern counties of England, lower elsewhere. Lowest 47° at Archangel, 52° at Christianund and Sumburgh Head, 51° at Stornoway and Malin H. Falling to reach 70° over our Islands later, but rising to between 65° and 69° over the Midlands, eastern and southeastern counties of England, to 80° at Paris and to still higher values over the southern parts of France.

Wind chiefly W^{ly} over the western continental countries and in the Channel, S^{ly}, moderate to strong over England and still stronger in Ireland, S^{ly}, fresh in Scotland SE^{ly} in the Shetlands. Very variable over northern Europe. Increasing to a gale at the Helles later.

Barometer Highest 30.2 ins. and more to 30.0 ins. over France, western Germany, Spain, and the south of our Islands; also over the Black Sea and southeastern Europe. Lowest 29.3 ins. and less over the extreme northwest of Scotland and the Hebrides. Gradients somewhat steep over the United Kingdom. Rising over Ireland and Scotland later, falling over England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 7th July, 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.		TEMP.		WIND.		BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.		Max.	Min.				
		Ina.	°				Ina.	°	°	°									Ina.		
SCANDINAVIA.	Haparanda ...	29.52	54	2	0	c	29.41	-22	58	57	0	2	0	7	#	c	61	48	0.04		
	Hernösand ...	29.55	54	E	2	0	29.39	-20	55	54	0	2	0	0	#	0	59	52	-		
	Stockholm ...	29.55	62	SW	2	7	29.49	-12	59	53	-2	SW	2	bc	#	7	52	0.12			
	Wishby ...	29.60	59	SSW	6	0	29.58	-10	56	53	-3	NSW	6	b	#	0	66	52	0.04		
	Bodö ...	29.86	64	2	0	b	29.39	-17	50	48	-9	N	2	bc	1	b	64	46	-		
	Christiansund...	29.50	52	WNW	2	7	29.23	-21	54	50	+2	ESE	7	b	3	7	55	48	0.24		
	Skudesnaes ...	29.54	55	S	5	c	29.12	-43	55	53	+1	S	6	0	5	c	61	48	0.20		
	Christiania Fjord (Fierder)	29.49	60	SW	6	b	29.34	-21	55	52	-4	SSE	6	7	4	b	61	54	-		
	Skagen (The Scaw)	29.60	53	NSW	3	c	29.32	-29	55	54	-3	S	5	7	3	c	61	50	0.08		
	Fanö ...	29.69	55	NSW	6	b	29.41	-27	59	57	+2	NSW	6	0	#	b	63	54	0.08		
BRITISH ISLANDS.	Sumburgh Head	29.33	51	S	3	c	28.96	-46	53	53	+2	2	0	0	3	b, c	55	48	0.20		
	Stornoway ...	29.11	50	S	6	7	29.01	-45	54	53	+2	N	4	0	4	c, or	57	48	0.22		
	Wick ...	29.21	54	S	5	7	29.02	-47	56	54	+3	S	2	0	2	7	59	50	0.44		
	Nairn ...	29.21	59	SSW	3	c	29.01	-51	56	54	+2	SSW	2	cp	1	e	62	50	0.08		
	Aberdeen ...	29.29	52	ESE	5	oggy	29.07	-52	58	54	+4	S	3	c	3	oggy	61	49	0.16		
	Leith ...	29.24	61	SSW	4	c	29.16	-51	57	54	+4	SW	5	0	#	c	65	51	0.16		
	Shields ...	29.41	58	S	6	c	29.25	-48	59	56	+5	SW	3	0	2	c, 7	63	51	0.02		
	Spurn Head ...	29.60	58	SSW	6	7 q	29.41	-41	61	57	+4	NSW	7	cq	6	p q	64	56	0.10		
	York ...	29.57	58	NSW	3	0	29.38	-43	61	56	+5	NSW	5	bc	#	0	64	56	0.02		
	Loughborough	29.68	59	SSW	4	c	29.52	-37	59	55	+1	SW	4	cq	#	0	64	56	0.02		
GERMANY & HOLLAND.	Ardrossan ...	29.23	57	SSW	4	0	29.26	-42	54	52	+1	N	4	d	4	c, 0	58	53	0.18		
	Malin Head ...	29.17	55	WSW	8	op	29.29	-31	52	49	+1	WNW	6	oggy	4	o, p	61	49	0.07		
	Mullaghmore ...	29.33	57	NSW	6	ogpm	29.43	-18	55	51	+1	NW	7	c	6	r, q, p	63	52	0.22		
	Belmullet ...	29.34	58	SW	7	0	29.49	-01	55	50	-1	N	5	bc	#	0	63	52	0.33		
	Donaghadee ...	29.31	66	NSW	7	b	29.36	-37	57	55	+5	WNW	6	c	4	b	67	52	0.04		
	Liverpool (Bidston)	29.52	61	SW	6	c	29.43	-42	58	54	+2	NSW	4	c	4	c	63	56	0.04		
	Holyhead ...	29.50	57	SW	6	ogym	29.45	-38	55	54	0	SW	6	omgy	5	rm q, p	58	54	0.04		
	Parsonstown ...	29.46	63	SW	2	c	29.64	-18	57	54	+2	SW	1	0	#	c	66	54	0.20		
	Valencia ...	29.61	60	SW	6	om	29.69	-04	57	54	-3	N	5	0	5	rm, 0	63	54	0.24		
	Roche's Point	29.61	62	N	6	bc	29.62	-16	59	54	+2	WNW	5	bc	4	r, bc	63	55	0.25		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.66	58	SW	7	7	29.59	-32	57	55	+1	NSW	6	b	7	7	59	55	0.14		
	Scilly ...	29.85	62	SW	6	cp	29.75	-25	61	58	0	NSW	6	c	5	c	65	57	0.02		
	Prawle Point ...	29.88	58	NSW	6	0	29.73	-29	58	56	+2	NSW	7	0	5	g, f	59	52	0.12		
	Jersey (St. Aubin's)	30.07	66	SSW	3	bm	29.86	-22	62	61	0	SW	5	opm	4	bm	67	56	0.06		
	Hurst Castle ...	29.89	60	SW	7	c	29.74	-27	61	59	+2	NSW	8	c	4	r, c	63	58	0.01		
	Dungeness ...	29.91	60	SW	6	e	29.70	-25	60	59	-5	NSW	7	c	6	c, 7	65	57	0.02		
	North Foreland	29.86	61	NSW	5	0	29.65	-27	65	58	+3	NSW	7	bq	4	c, 0, q	68	54	-		
	London ...	29.83	63	SW	4	0	29.66	-28	64	58	+3	NSW	6	0	#	c, 0, q	67	59	-		
	Oxford ...	29.73	61	SW	7	0	29.62	-33	61	56	+5	SW	5	ogya	#	0	62	56	0.04		
	Cambridge ...	29.85	61	SW	2	0	29.58	-32	61	58	+1	SW	4	7	#	0	67	58	0.02		
PENINSULA.	Yarmouth ...	29.78	65	SW	4	c	29.56	-30	63	58	+3	NSW	6	c	4	b, c, q	67	57	0.03		
	Cuxhaven ...	29.87	59	N	4	c	29.59	-15	59	58	0	SW	5	c	#	c	62	58	0.08		
	Berlin ...	29.71	61	WNW	3	c	29.81	-01	58	56	-9	SW	3	0	#	c	77	52	0.28		
	Wiesbaden ...	#	#	#	#	#	29.92	+03	64	58	0	SW	4	bc	#	#	70	52	0.08		
	Munich ...	30.14	57	SW	3	c	30.13	+08	64	58	-1	SW	6	b	#	c	68	54	0.26		
	The Helder ...	29.82	60	SW	6	7	29.59	-25	61	59	+3	SW	9	bc	4	7	64	57	0.08		
	Brussels (9 a.m.)	#	#	#	#	#	29.81	-11	61	57	+3	SW	5	0	#	0	69	55	0.04		
	Cape Gris Nez	29.92	58	SW	6	c	29.73	-18	59	59	+3	SW	6	7	6	c	61	55	0.04		
	Paris ...	30.09	73	N	3	bc	29.99	-06	63	58	+3	SW	3	c	#	bc	76	58	-		
	Brest ...	?	64	SW	4	c	?	?	60	60	0	SW	4	f	4	c	68	57	-		
PENINSULA.	Lorient ...	30.08	66	NSW	4	bc	29.98	-15	63	61	+4	NSW	5	0	4	bc	68	59	-		
	Rochefort ...	30.15	68	WNW	4	b	30.08	-05	66	64	+1	N	4	b	#	b	72	54	-		
	Belfort ...	?	66	N	4	c	?	?	68	61	+9	N	4	bc	#	c	77	50	0.04		
	Lyons ...	30.11	74	N	1	bc	30.13	+02	67	61	+2	E	1	b	#	bc	78	59	-		
	Nice ...	30.13	76	NW	3	0	30.03	+02	71	67	+2	SE	2	b	1	b	79	63	-		
	Perpignan ...	30.13	76	NW	3	0	30.13	00	73	64	+1	N	4	bc	#	c	80	63	-		
	Biarritz ...	30.21	72	NW	3	bc	30.13	00	69	63	?	ESE	2	b	2	bc	75	61	-		
	Corunna ...	#	#	#	#	#	?	?	?	?	?	?	?	?	?	?	?	?	?		
	Lisbon ...	30.12	70	WNW	5	b	30.10	-08	66	63	-2	N	5	b	#	b	81	63	-		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Thursday, 7th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

○ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

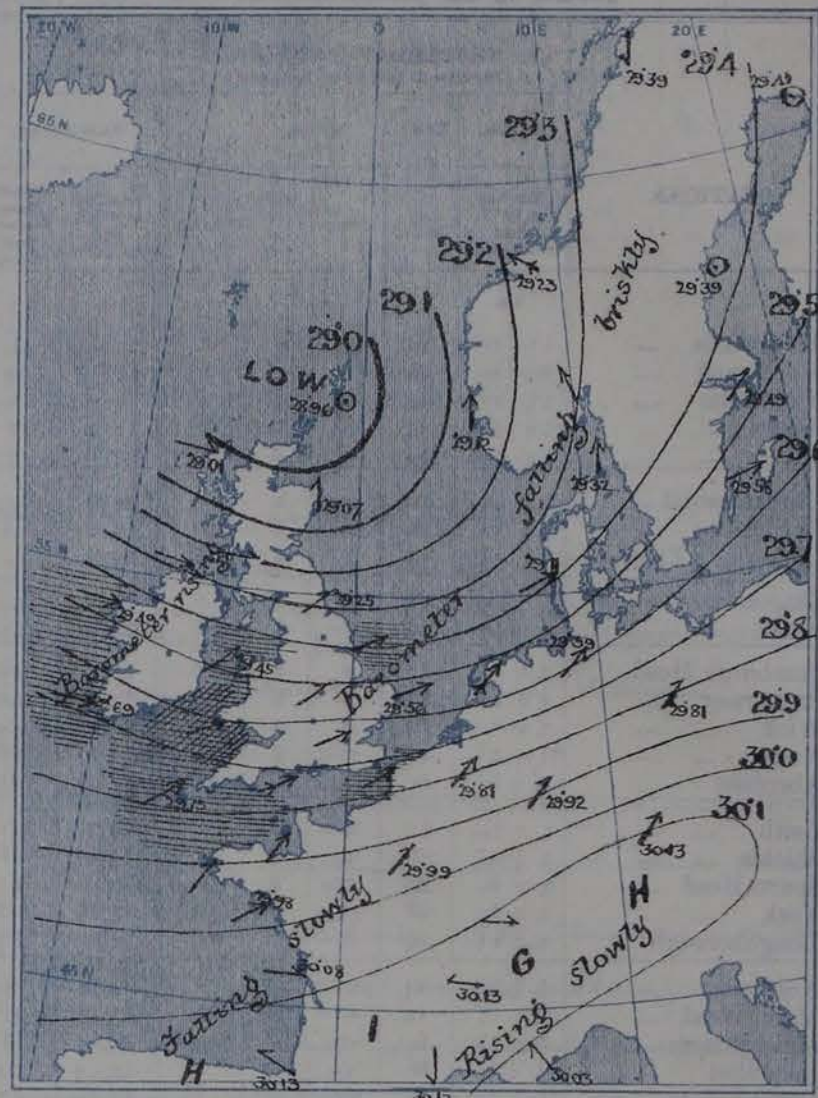
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.6	3.02
Wick.....	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.65
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead.....	63.8	54.3	58.1	55.8	2.40
Liverpool.....	65.9	54.2	59.4	56.5	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.20
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	68.0	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards, in an anticyclone lying over the northern parts of Spain and the southern part of France.
Lowest, 29.0 in. and less, in a depression the centre of which lay off the north of Scotland.
Gradients rather steep over our Islands, the North Sea, and the northern parts of France and Germany, but slight elsewhere.
Barometer rising in the west and south of our Islands, but falling elsewhere, — briskly, on the eastern shores of the North Sea.

TEMPERATURE

Highest, 73° at Perpignan, 71° at Nice, 69° at Cannes, 68° at Brest, 67° at Lyons, and 66° at Lisbon.
Lowest, 52° at Malin Ht., 53° at Lumbagh Ht., 54° at Ploveroy and Anderson, and 55° at several of our northwestern and the Scandinavian stations.
The highest maxima registered over our Islands yesterday were 68° at the North Foreland, and 67° at Jersey, Cambridge, Yarmouth, and in London.

WIND

Strong from the Wnd or NWnd in Ireland, and from the SWnd over Denmark, the Netherlands, Germany and the north of France, with a moderate gale at the Channel stations.
Light from S. in the east of Scotland, and strong from the same quarter in the south of Norway, calm in Sweden, variable in the south of France.
In the course of the past 24 hours a moderate to fresh gale from the SWnd has prevailed on all the English and Irish coasts.

WEATHER

Cloudy, squally, and showery in most parts of northwestern Europe, but fine and bright over the southern parts of France, Germany and Sweden.
This speaking morning rain has fallen over nearly the whole of the United Kingdom, but the amount has not been large.

SEA

High at Pembroke and rough or rather so on all the more exposed parts of our western, southern, and eastern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north seems likely to travel away in a northeasterly direction. Secondary systems are apparently advancing over the United Kingdom from the Wnd and equally showery weather will probably continue for a time in most districts.

FORECASTS

For the 24 hours ending at NOON on 8th July, 1892.

DISTRICTS.

FORECASTS.

† 0	SCOTLAND NORTH	SW nd to W nd winds, strong at times; unsettled, some showers.
† 1	SCOTLAND EAST	
† 2	ENGLAND N.E.	SW nd and W nd winds, strong at first, but moderating later, squally, showery.
† 3	ENGLAND EAST	
† 4	MIDLAND COUNTIES	
† 5	ENGLAND SOUTH	SW nd and W nd winds, strong, a gale on coast; squally, showery.

DISTRICTS.

FORECASTS.

† 6	SCOTLAND WEST	W nd winds, fresh or strong; squally, showery.
† 7	ENGLAND N.W.	
† 8	ENGLAND S.W.	Same as 7 & 5.
† 9	IRELAND NORTH	W nd to NW nd winds, strong; squally, showery.
† 10	IRELAND SOUTH	

WARNINGS

The SOUTH CONE is flying on all our coasts.

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 ...	29.60	60	54	WSW	4	c	3	Valencia ...	29.65	61	61	SW	7	rm	6
Sumburgh Head ...	29.41	53	51	SW	3	b	4	Scilly ...	29.92	63	61	SSW	6	om	5
Stornoway ...	29.34	53	52	SW	6	o	6	Jersey ...	30.08	66	61	SW	3	b	3
Aberdeen ...	29.50	57	50	S	5	oq	3	Hurst Castle ...	29.99	59	58	SW	6	r	3
Shields ...	29.65	61	54	SW	4	c	2	Dungeness ...	29.97	63	60	WSW	6	c	5
Ardrossan ...	29.44	50	44	SSW	4	c	4	North Foreland ...	29.88	66	61	W	3	c	3
Malin Head ...	29.29	60	57	SW	6	o	3	London ...	29.92	66	57	WSW	3	o	*
Mullaghmore ...	29.39	58	57	SW	6	r	5	Yarmouth ...	29.88	66	57	WSW	4	b	3
Belmullet ...	29.38	62	58	WSW	7	o	*	Rocheport ...	30.18	71	64	WSW	4	b	*
Holyhead ...	29.64	56	55	SSW	6	rmq	5								

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

Weather in morning fine and bright over nearly the whole of southwestern, southern, and southeastern Europe, and temporarily fine in the south and east of England, and at some of the Baltic stations; dull and unsettled elsewhere, very rainy on the eastern shores of the North Sea and over the southern half of Ireland. Rain during day in nearly all parts of our Islands and northern Europe, but amount not large. Remaining fine and bright over the southern half of France and the Peninsula.

Temperature showing some further decrease except over southeastern and southern Europe, a slight increase in the southeast and south. Morning readings highest 84° at Rhindisi, 81° at Algiers, 70° and more over the Mediterranean shores generally; below 60° over the British Isles as a whole as well as over Scandinavia and the north of Russia; lowest 51° at Archangel, Sumburgh H., and Malin H., 52° at Husvik, Christiansund, and Stornoway. Rising to 80° or more at Lisbon and Perpignan later, but failing to reach 70° over the British Islands and the northern half of France.

Wind light and very variable over Russia, southeastern, and southwestern Europe and the Mediterranean. Mainly W¹ to S³ elsewhere, and becoming fresh to strong in force from those quarters over the British Islands. SW⁴ winds increasing to a fresh gale over the western and southern parts of our Islands and the Channel later, and W⁴ winds freshening in France.

Barometer highest 30.1 ins. and more over the Iberian Peninsula, the Bay of Biscay, France, Italy, and South Germany. Lowest 29.5 ins. and less, over the north of Scotland and west of Norway. Falling fast over the United Kingdom later (especially in the west and northwest) as a well formed and rather deep depression passed northwards along our extreme northwest coasts from the Atlantic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on

Friday, 8th July,

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.		
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Max.	Min.							
Ina.	°			Ina.	°	°	°								Ina.					
SCANDINAVIA.	Haparanda ...	29.32	57	Z	0	0	29.21	- 20	57	55	- 1	N	2	0	#	0	59	50	-	
	Hernösand ...	29.30	52	E	2	0	29.22	- 17	54	52	- 1	E	2	0	#	0	59	50	-	
	Stockholm ...	29.28	57	S	2	1	29.23	- 26	60	56	+ 1	SW	2	0	#	1	66	48	0.32	
	Wisby ...	29.34	57	S	4	1	29.32	- 26	57	54	+ 1	W	6	0	#	1	63	52	0.12	
	Bodö ...	29.25	54	E	2	0	29.14	- 25	63	55	+ 13	E	2	0	1	0	?	50	-	
	Christiansund...	29.08	56	NSW	4	C	29.12	- 11	58	53	+ 4	SE	4	C	2	C	66	54	-	
	Skudesnaes ...	29.18	55	NSW	4	0	29.33	+ 21	55	52	0	SW	5	C	4	om.f	57	52	0.04	
	Christiania Fjord (Færdø)	29.19	58	SSW	6	C	29.25	- 09	58	53	+ 3	NSW	8	0	4	C	61	55	0.75	
	Skagen (The Scaw)	29.27	56	NSW	4	1	29.38	+ 06	58	53	+ 3	W	7	C	5	1	61	54	0.12	
	Fanö ...	29.46	57	W	6	0	29.60	+ 19	57	53	- 2	W	6	bc	#	0	61	55	0.04	
ISLANDS.	Sumburgh Head	29.07	52	W	2	fd	29.17	+ 21	51	50	- 2	NW	2	0	3	odf	55	47	0.05	
	Stornoway ...	29.20	55	W	4	0	29.38	+ 37	52	51	- 2	SW	4	0	4	C.0	57	46	0.16	
	Wick ...	29.17	55	W	4	C	29.32	+ 30	53	50	- 3	NW	3	0	2	C	57	45	0.08	
	Nairn ...	29.24	57	W	2	bc	29.37	+ 36	52	50	- 4	W	4	0	1	bc	60	48	0.02	
	Aberdeen ...	29.30	62	NSW	5	bcq	29.41	+ 34	55	49	- 3	NSW	5	bcq	3	bcq	63	49	-	
	Leith ...	29.40	59	NSW	4	C	29.52	+ 36	57	51	0	NSW	6	bc	#	C	61	49	0.03	
	Shields ...	29.49	61	NSW	5	bc	29.58	+ 33	57	54	- 2	NSW	4	C	2	bc,p	63	50	-	
	Spurn Head ...	29.59	61	W	5	C	29.78	+ 37	57	53	- 4	NSW	5	C	5	C	64	51	-	
	York ...	29.58	60	W	3	0	29.75	+ 37	57	51	- 4	WNW	5	C	#	0	65	52	-	
	Loughborough	29.66	65	W	4	bc	29.87	+ 35	58	52	- 1	NSW	6	Cq	#	bc	68	50	0.02	
BRITISH ISLANDS.	Ardrossan ...	29.46	55	NSW	4	ep	29.61	+ 35	52	50	- 2	NSW	5	0	4	cp	60	51	0.32	
	Malin Head ...	29.39	54	NSW	6	bcqhp	29.57	+ 28	51	50	- 1	W	6	op	4	bc,qhp	59	49	0.39	
	Mullaghmore ...	29.54	55	NSW	7	Cqjp	29.71	+ 28	54	50	- 1	NSW	7	Cqjp	6	C,qjp	59	50	0.13	
	Belmullet ...	29.57	56	W	6	C	29.74	+ 25	56	51	+ 1	W	7	bc	#	C	58	52	0.10	
	Donaghadee ...	29.54	53	W	5	cp	29.70	+ 34	57	53	0	W	6	C	4	cp	65	52	0.10	
	Liverpool (Bldston)	29.63	59	W	5	C	29.82	+ 39	57	51	- 1	NSW	6	C	5	C	62	52	0.01	
	Holyhead ...	29.64	59	SW	3	0	29.84	+ 39	56	52	+ 1	NSW	6	bcq	5	b,p	64	52	0.01	
	Parsonstown ...	29.68	56	SW	2	bc	29.84	+ 30	55	52	- 2	NSW	2	C	#	bc	61	50	0.05	
	Valencia ...	29.83	58	NW	7	qjp	29.95	+ 26	57	53	0	SW	6	Cq	6	bc,qjp	60	52	0.11	
	Roche's Point	29.78	58	WNW	5	0	29.94	+ 32	57	54	- 2	W	5	C	4	b,q	62	52	-	
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.77	57	W	6	bc	29.97	+ 38	56	54	- 1	W	5	0	6	bc	59	54	-	
	Scilly ...	29.91	58	NSW	5	cp	30.07	+ 32	59	56	- 2	NSW	5	C	5	cp	63	54	0.06	
	Prawle Point ...	29.86	58	NSW	4	0	30.08	+ 35	57	54	- 1	NSW	4	bc	3	b,q	61	58	-	
	Jersey (St. Aubin's)	29.99	64	W	4	bc	30.14	+ 28	61	57	- 1	NSW	3	bm	3	cm,p	66	56	0.05	
	Hurst Castle ...	29.82	60	NSW	8	Cq	30.04	+ 30	60	56	- 1	NSW	6	bc	4	cm,qm	64	55	-	
	Dungeness ...	29.77	62	NSW	7	bc	29.99	+ 29	61	57	+ 1	W	6	C	5	b. bc	65	55	-	
	North Foreland	29.73	65	W	6	Cq	29.97	+ 32	61	55	- 4	W	5	bcq	3	C,q	69	51	-	
	London ...	29.74	66	W	5	bc	29.99	+ 33	61	53	- 3	SW	4	bc	#	C, b	70	51	0.01	
	Oxford ...	29.78	58	NSW	6	0	29.97	+ 35	58	53	- 3	SW	4	0	#	bq	67	51	0.02	
	Cambridge ...	29.70	64	SW	2	1	29.92	+ 34	60	53	- 1	SW	4	C	#	1	69	48	0.01	
FRANCE AND BELGIUM.	Yarmouth ...	29.63	64	WN	4	C	29.86	+ 30	57	52	- 6	W	4	bc	3	C	70	50	0.03	
	Cuxhaven ...	29.59	60	NSW	6	0	29.72	+ 13	60	58	+ 1	W	5	0	#	0	65	59	0.04	
	Berlin ...	29.70	70	SW	4	C	29.80	- 01	64	60	+ 6	W	5	C	#	C	79	58	0.12	
	Wiesbaden ...	?	?	?	?	?	30.01	+ 09	67	59	+ 3	NW	4	bc	#	#	79	63	-	
	Munich ...	30.02	70	SW	2	0	30.13	+ 00	70	61	+ 6	W	6	0	#	0	77	59	-	
	The Helder ...	29.69	61	SW	5	1	29.88	+ 29	58	54	- 3	NSW	7	bc	4	1	64	57	0.08	
	Brussels (s.m.)	?	?	?	?	?	30.02	+ 21	57	53	- 4	NSW	4	C	#	0	73	54	-	
	Cape Gris Nez	29.77	60	NSW	6	0	29.95	+ 22	57	53	- 2	W	6	bc	6	0	63	48	-	
	Paris ...	29.92	76	SW	5	bc	30.14	+ 15	61	55	- 2	W	3	bc	#	bc	81	58	-	
	Brest ...	?	65	W	3	bc	?	?	59	56	- 1	NW	3	0	2	bc	68	54	-	
PENIN- SULA.	Lorient ...	30.01	65	W	4	bc	30.20	+ 22	60	55	- 3	NW	3	bc	2	bc	68	57	-	
	Rochefort ...	30.07	69	W	4	0	30.15	+ 07	66	63	0	NW	3	C	#	0	75	63	-	
	Belfort ...	?	61	W	4	bc	?	?	65	61	- 3	W	5	bc	#	bc	81	53	-	
	Lyons ...	29.99	62	SSW	1	0	30.17	+ 04	69	63	+ 2	N	1	0	#	0	86	63	-	
	Nice ...	30.02	75	SSW	1	0	30.06	+ 03	73	65	+ 2	W	0	0	0	0	?	?	-	
	Perpignan ...	30.05	80	E	1	0	30.12	- 01	75	67	+ 2	NW	3	0	#	0	86	64	-	
	Biarritz ...	30.12	73	NW	3	0	30.19	+ 06	68	64	- 1	W	0	0	3	0	79	66	-	
	Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-	
	Lisbon ...	30.06	67	NW	6	0	30.11	+ 01	67	63	+ 1	N	4	0	#	0	81	64	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Friday, 8th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

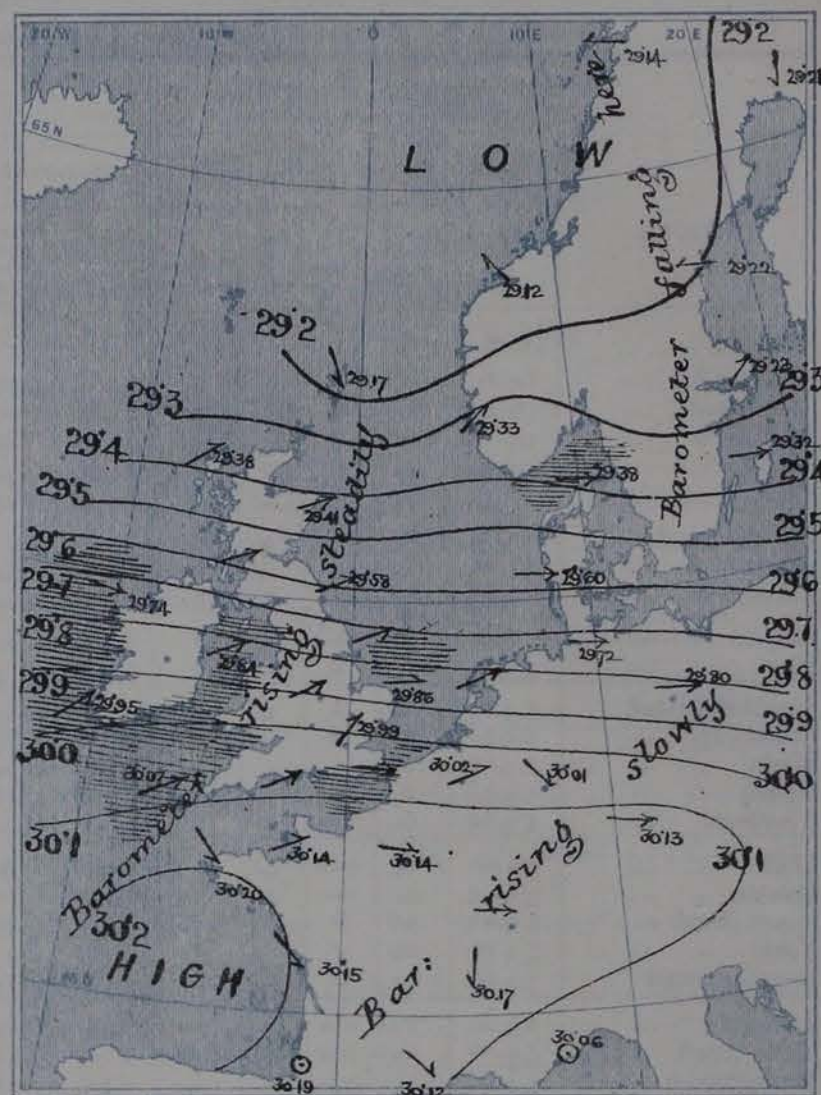
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 80 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.781
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.956
Mullaghmore	29.969
Donaghadee	29.977
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.957
Jersey	30.001
Hurst Castle	29.908
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by letters of the Beaufort Scale.

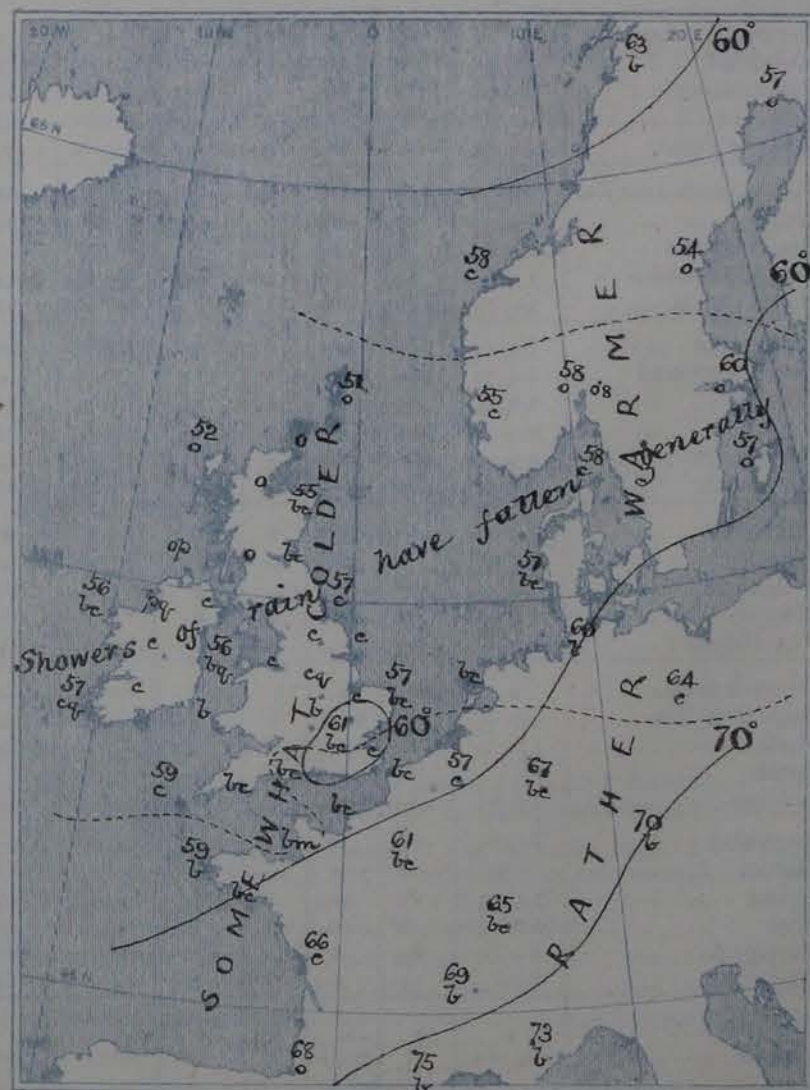
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	57.4	48.0	53.1	51.6	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	48.7	55.2	53.5	2.34
Nairn	61.3	50.2	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.60
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.8	2.01
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.8	54.2	59.4	55.8	2.08
Parsonstown	66.4	51.5	58.1	54.8	2.06
Valencia	61.0	53.5	58.9	55.4	3.00
Roche's Point	66.1	53.2	58.5	55.9	3.29
Pembroke	62.5	54.3	58.0	55.0	2.54
Scilly	64.4	55.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.5	56.2	62.0	58.9	2.40
Hurst Castle	67.5	55.0	61.1	58.3	2.20
Dover	68.8	56.3	61.5	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.2	57.7	2.42
Yarmouth	68.8	54.9	60.3	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: to 30.2 in: and upwards, in an anticyclone lying over the Bay of Biscay, Spain, France, and South Germany.
Lowest, 29.2 in: and less, in a large depression lying over and to the westward of Scandinavia.
Gradients rather steep over our Islands, the North Sea, Denmark, and North Germany.
Barometer rising at all but the Swedish stations.

TEMPERATURE

Highest, 75° at Perpignan, 73° at Nice, 70° at Munich, 69° at Lyons, 68° at Bunitz, and 67° at Wiesbaden and Liebow.
Lowest, 51° at Sumburgh H^d and Malin H^d, 52° at Stromway, Kairi, and Ardrossan, 53° at Niek, and 54° at Mullaghmore.
 The highest maxima registered over our Islands yesterday were 70° in London and at Yarmouth, and 69° at Cambridge and the North Foreland.

WIND

Strong from the Wnd over the greater part of Northern Europe, with a moderate gale in the north of Ireland.
Light from the End over the northern parts of Scandinavia; NW^r in the west and south of France.

WEATHER

fine over the greater part of the United Kingdom, but dull in the north of Scotland, and showery in the north of Ireland. Dull in Scandinavia, fine and bright over France and Germany; thunder is reported at Cuthaven. Showers fell yesterday in many parts of our Islands, with hail at Malin Head.

SEA

Rough or rather so on all the more exposed parts of our western, southern, and eastern coasts, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure system over France appears to be spreading northwards, and a gradual improvement in the weather is probable over the southern parts of the Kingdom. In the more northern districts the conditions are likely to remain somewhat changeable and unsettled.

FORECASTS

For the 24 hours ending at NOON on 9th July, 1892.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
† 0	SCOTLAND NORTH	W ^W winds, freshening; cloudy, some showers.	† 6	SCOTLAND WEST	W ^W winds, strong; changeable, some showers.
† 1	SCOTLAND EAST		† 7	ENGLAND N.W.	
† 2	ENGLAND N.E.	Same as N° 5.	† 8	ENGLAND S.W.	Same as N° 5.
† 3	ENGLAND EAST		† 9	IRELAND NORTH	Same as N°s 6 and 7.
† 4	MIDLAND COUNTIES		† 10	IRELAND SOUTH	
† 5	ENGLAND SOUTH		WARNINGS	The <u>SOUTH CONE</u> is still flying on all our coasts.	

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 ...	29.16	57	54	S	5	om	4	Valencia ...	29.78	60	56	SW	6	bcp	6
Sumburgh Head	29.03	54	53	W	1	o	3	Scilly ...	29.84	60	59	WSW	4	ep	5
Stornoway ...	29.19	56	52	W	6	o	6	Jersey ...	29.91	66	60	WSW	4	cm	4
Aberdeen ...	29.22	59	51	W	5	cq	3	Hurst Castle	29.79	63	60	WSW	8	cm	4
Shields ...	29.38	60	55	WSW	5	e	2	Dungeness...	29.73	64	62	WSW	8	b	7
Ardrossan ...	29.43	60	53	WSW	4	c	3	North Foreland...	29.68	68	61	W	8	c	5
Malin Head ...	29.39	59	52	W	7	bc	4	London ...	29.68	68	59	WSW	5	bq	4
Mullaghmore ...	29.53	59	53	WSW	7	c	6	Yarmouth ...	29.56	67	59	WSW	6	cq	4
Belmullet ...	29.56	58	53	W	5	bc	4	Rochefort ...	?	71	67	WSW	4	o	4
Holyhead ...	29.60	61	58	WSW	4	bc	4								

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

Weather in morning continuing fine and bright over nearly all the southern half of Europe, squally, showery, and unsettled in the north and northwest, including nearly the whole of the British Islands. Showers during day over nearly all parts of the United Kingdom, Scandinavia, the Baltic, and North Germany; rainfall heavy at Faeröer, and exceeding 0.3 in. in the northwest of Ireland.

Temperature risen slightly over the western and northwestern countries. Morning readings exceeding 80° at Lissieux only; exceeding 70° over the whole of southern and southeastern Europe, and exceeding 60° over all the northern and northwestern countries. Lowest, 50° at Bodö, 51° at Archangel, 52° at Malin Ht. Rising later to between 80° and 86° over the southern parts of France and at Paris; ^{maximal} ranging between 60° and 70° over the greater part of our islands, but as low as 55° at Sumburgh Ht., 57° at Wick, and 58° at Belmullet.

Wind very light and variable over the Mediterranean, and the southwestern, southern, and eastern countries. W² to NW² gales and strong winds prevalent over Ireland, England, and the Channel, SW¹ in the Netherlands, and S¹ to SE¹ in Norway. Fresh from SW. and west over the Baltic. Wind moderating over the United Kingdom ^{later} and backing towards SW. at the Irish stations.

Barometer highest 30.2 in. and 30.0 in. over southwestern and southern Europe; lowest 29.0 in. and less in a depression over the Shetlands and north of Scotland, 29.4 in. and less over the northeast of Russia and 29.9 in. and less over the Black Sea and southeastern Europe. Rising decidedly over the United Kingdom ^{later} but falling slightly on the Continent.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 9th July, 1892.

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

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	Barom.	Temp.	Wind.		Weather.		Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
			Reading at 32° F. and Sea Level.	Dry Bulb.			Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
	Inch.	°					Inch.											Inch.		
SCANDINAVIA.																				
Haparanda ...	29.49	55	Z	0	†	29.12	- 0.9	55	52	- 2	N	4	C	†	†	50	48	0.39		
Hernösand ...	29.27	54	S	2	C	29.26	+ 0.4	62	54	+ 8	WNW	4	0	†	†	64	48	-		
Stockholm ...	29.35	59	WSW	8	0	29.41	+ 1.8	58	51	- 2	W	8	C	†	†	63	52	0.20		
Wisby ...	29.52	57	WNW	8	0	29.58	+ 2.6	57	52	0	W	8	C	†	†	63	52	0.04		
Bodö ...	29.26	55	WSW	1	0	29.37	+ 2.3	50	49	- 13	WSW	2	†	†	†	63	48	0.24		
CHRISTIANIA.																				
Christiansund...	29.36	55	WSW	3	bc	29.52	+ 1.0	52	49	- 6	WSW	7	†	†	†	58	50	-		
Skudesnaes ...	29.47	52	W	6	†	29.74	+ 1.1	54	50	- 1	WNW	6	C	†	†	55	52	-		
Christiania Fjord (Færder)	29.39	58	WSW	6	0	29.55	+ 1.0	58	51	0	WNW	5	0	†	†	59	54	-		
Skagen (The Scaw)	29.54	53	W	0	†	29.65	+ 2.7	59	55	+ 1	WNW	8	0	†	†	61	52	0.08		
Fanö ...	29.79	57	W	6	C	29.88	+ 2.8	57	54	0	W	6	C	†	†	63	54	-		
SCOTLAND.																				
Sumburgh Head	29.46	52	WNW	3	bc	29.71	+ 5.4	53	52	+ 2	W	2	C	†	†	54	43	0.10		
Stornoway ...	29.56	54	W	4	†	29.76	+ 3.8	52	52	+ 2	W	4	0	†	†	58	48	0.08		
Wick ...	29.58	50	WNW	3	0	29.78	+ 4.6	55	52	+ 2	WNW	3	bc	†	†	57	46	0.08		
Nairn ...	29.58	57	W	2	C	29.78	+ 4.1	55	52	+ 3	W	1	C	†	†	59	46	0.02		
Aberdeen ...	29.63	54	SSE	2	C	29.84	+ 4.3	59	53	+ 4	SW	2	bc	†	†	64	47	0.03		
ENGLAND.																				
Leith ...	29.71	55	W	3	C	29.83	+ 3.6	58	53	+ 1	WSW	2	C	†	†	63	50	0.01		
Shields ...	29.76	58	WSW	4	C	29.93	+ 3.5	58	54	+ 1	WNW	3	C	†	†	62	49	-		
Spurn Head ...	29.89	60	WSW	4	C	30.03	+ 2.5	57	54	0	WSW	4	0	†	†	62	51	0.04		
York ...	29.87	61	W	4	C	30.02	+ 2.7	56	52	- 1	S	3	0	†	†	63	52	0.03		
Loughborough	29.96	63	W	5	0	30.07	+ 2.0	59	55	+ 1	WSW	2	C	†	†	67	51	0.01		
IRISH ISLANDS.																				
Ardrossan ...	29.75	57	WSW	4	C	29.91	+ 3.0	55	53	+ 3	SW	4	0	†	†	59	51	0.02		
Malin Head ...	29.73	55	WSW	6	bc	29.87	+ 3.0	53	51	+ 2	SW	3	op	†	†	59	49	0.21		
Mullaghmore ...	29.85	54	WSW	6	C	29.90	+ 1.9	54	51	0	S	4	op	†	†	59	51	0.03		
Belmullet ...	29.87	56	WSW	6	0	29.88	+ 1.4	56	52	0	WNW	1	0	†	†	58	51	-		
Donaghadee ...	29.83	59	W	6	bc	29.95	+ 2.5	56	53	- 1	WSW	4	0	†	†	63	53	0.05		
BRITISH ISLANDS.																				
Liverpool (Bldston)	29.92	63	WSW	4	bc	30.03	+ 2.1	58	53	+ 1	SW	2	C	†	†	64	51	0.04		
Holyhead ...	29.91	58	SW	5	bc	30.00	+ 1.6	56	54	0	SSW	4	cg	†	†	60	52	0.03		
Parsonstown ...	29.94	55	SW	1	C	29.91	+ 0.7	52	51	- 3	Z	0	†	†	†	63	49	0.16		
Valencia ...	30.04	60	WSW	5	cg	29.81	- 1.4	57	56	0	SE	3	rm	†	†	62	52	0.35		
Roche's Point	30.01	61	W	5	bc	29.89	- 0.5	54	54	- 3	SSE	3	†	†	†	63	51	0.40		
IRELAND.																				
Pembroke (St. Ann's Hd.)	30.02	58	WSW	5	bc	30.02	+ 0.5	56	56	0	S	4	†	†	†	59	54	0.04		
Scilly ...	30.14	62	WSW	4	cp	30.04	- 0.3	62	59	+ 3	SSW	5	0	†	†	67	55	0.01		
Prawle Point ...	30.13	57	WSW	4	C	30.11	+ 0.3	58	57	+ 1	SSW	2	C	†	†	61	54	-		
Jersey (St. Aubin's)	30.18	62	WNW	4	0	30.18	+ 0.4	61	58	0	S	4	cg	†	†	65	52	-		
Hurst Castle ...	30.11	60	WSW	7	bc	30.15	+ 1.1	61	60	+ 1	SW	5	cm	†	†	64	57	-		
ENGLAND.																				
Dungeness ...	30.06	61	W	6	0	30.14	+ 1.5	60	59	- 1	W	3	C	†	†	64	52	-		
North Foreland	30.02	63	W	6	0	30.12	+ 1.5	63	58	+ 2	W	2	0	†	†	68	50	-		
London ...	30.03	68	WSW	2	bc	30.12	+ 1.3	65	57	+ 4	SW	2	bc	†	†	69	50	-		
Oxford ...	30.06	58	WSW	4	0	30.11	+ 1.4	58	55	0	SW	2	C	†	†	66	51	-		
Cambridge ...	30.01	62	SW	3	bc	30.09	+ 1.7	62	56	+ 2	SW	1	0	†	†	68	48	-		
Yarmouth ...	29.94	65	W	4	bc	30.07	+ 2.1	61	55	+ 4	WSW	3	bc	†	†	67	51	0.01		
GERMANY & HOLLAND.																				
Cuxhaven ...	29.93	61	WNW	6	bc	30.01	+ 2.9	62	60	+ 2	WSW	6	C	†	†	62	60	0.12		
Berlin ...	29.97	63	W	2	0	?	?	61	55	- 8	WNW	4	0	†	†	70	50	-		
Wiesbaden ...	?	?	?	?	?	30.23	+ 2.2	59	54	- 8	W	2	0	†	†	73	48	-		
Munich ...	30.16	67	W	2	C	30.29	+ 1.6	64	58	- 6	NE	2	0	†	†	77	59	-		
The Helder ...	29.98	61	SW	6	0	30.11	+ 2.3	59	55	+ 1	WSW	4	0	†	†	63	57	-		
FRANCE AND BELGIUM.																				
Brussels (9 a.m.)	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Cape Gris Nez	30.05	58	WSW	6	bc	30.12	+ 1.7	58	56	+ 1	SW	4	bc	†	†	61	55	-		
Paris ...	30.15	71	WNW	2	0	30.24	+ 1.0	61	55	0	ENE	1	0	†	†	81	48	-		
Brest ...	?	64	WNW	3	0	?	?	59	58	0	S	3	C	†	†	68	57	-		
Lorient ...	30.20	65	W	4	bc	30.18	- 0.2	58	55	- 2	ESE	2	bc	†	†	66	55	-		
FRANCE AND BELGIUM.																				
Rocheport ...	30.17	67	W	4	0	30.15	0.0	62	58	- 4	NE	2	0	†	†	75	57	-		
Belfort ...	?	66	E	3	bc	?	?	68	59	+ 3	E	2	0	†	†	77	50	-		
Lyons ...	?	77	N	1	bc	30.20	+ 0.3	69	59	0	N	1	0	†	†	82	61	-		
Nice ...	30.04	74	W	1	0	30.07	+ 0.1	71	67	- 2	Z	0	0	†	†	84	63	-		
Perpignan ...	30.10	76	W	1	0	30.11	- 0.1	77	68	+ 2	W	2	0	†	†	90	68	-		
Biarritz ...	30.19	69	E	3	0	30.13	- 0.6	67	61	- 1	E	3	0	†	†	78	66	-		
PENINSULA.																				
Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Lisbon ...	30.08	70	WNW	5	0	30.13	+ 0.2	66	62	- 1	WNW	4	0	†	†	81	63	-		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 9th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

— forces above 10; — forces 8 to 10;

— forces 5 to 7; — forces 1 to 4.

☉ = dead calm.

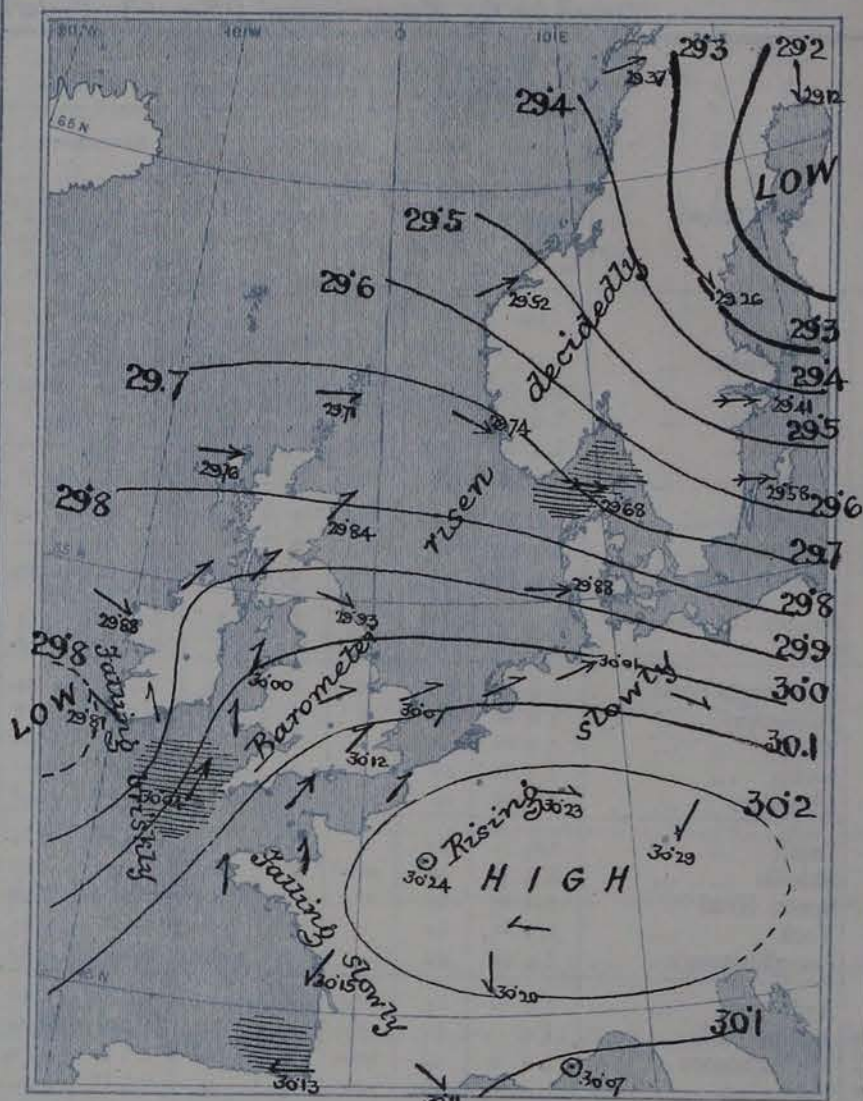
SEA DISTURBANCE—Where considerable, as shown thus:

— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871–1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.889
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	at 8 a.m. Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.82
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.73
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.2	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	58.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.6	53.7	59.6	57.3	2.24
Jersey	68.9	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.5	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.3	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins: and upwards, in an anticyclone lying over South Germany and the central parts of France.
 Lowest, 29.2 ins: and less, over the Gulf of Bothnia; 29.8 ins: and less, in a small depression lying off the southwest of Ireland.
 Gradients slight over France and Germany, but moderate elsewhere.
 Barometer falling bristly on our southwest coasts, but rising in nearly all other parts of Western Europe.

TEMPERATURE

Highest, 77° at Perpignan, 71° at Nice, 69° at Lyons, 68° at Belfort, 67° at Biarritz, and 66° at Lisbon.
 Lowest, 50° at Rods, 52° at Christiansund, and Parsonstown, and 53° at Lumburgh H^t and Malin H^t.
 The highest maxima registered over our Islands yesterday were 69° in London, and 68° at Farnbridge and the North Foreland.

WIND

Light to fresh from the SW^W in most parts of the United Kingdom, but S^W or SE^W in the south of Ireland.
 Strong from the W^W over Scandinavia and Denmark, with a fresh gale in the Skager Rack and the south of Sweden.
 Light from the E^W at most of the French stations.

WEATHER

Fine over the eastern parts of Britain and the greater part of the Continent, but rain and fog reported in the west of Norway.
 Dull in the west of our Islands, with rain in Ireland and Wales.
 Showers fell yesterday in all but the southern parts of the United Kingdom.

SEA

Moderate to smooth generally, but rough at Skagen, and rather rough at Scilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is approaching the south of Ireland seems likely to travel in a northerly or an east-northerly direction, and will probably occasion rain in most parts of the United Kingdom. Increasing winds from the SW^W or W^W are probable on our southern coasts.

FORECASTS

For the 24 hours ending at NOON on 10th July, 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

W^W to S^W or SE^W winds; fair to cloudy and showery.

Same as N° 5.

S^W and SW^W winds, freshening considerably; fine to dull and some rain.

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

Same as N° 0 and 1.

S^W to W^W winds, increasing in force; dull and rainy at first, some improvement later.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.41	55	52	SSW	6	o	4	Valencia ...	30.02	62	56	WSW	6	bcy	5
Sumburgh Head ...	29.36	51	50	WNW	4	o	4	Scilly ...	30.11	67	61	SW	5	c	5
Stornoway ...	29.49	58	54	W	4	o	4	Jersey ...	30.19	64	58	W	4	b	3
Aberdeen ...	29.54	60	51	W	5	bcy	3	Hurst Castle ...	30.09	63	59	WSW	7	bc	4
Shields ...	29.70	60	54	WSW	5	c	2	Dungeness ...	30.03	63	60	W	6	b	4
Ardrossan ...	29.69	56	53	WSW	4	c	3	North Foreland ...	29.95	66	58	W	6	bc	4
Malin Head ...	29.68	55	53	WSW	6	c	4	London ...	30.01	68	55	WSW	4	bc	*
Mullaghmore ...	29.80	57	53	WSW	6	cp	5	Yarmouth ...	29.91	66	54	W	4	b	3
Belmullet ...	29.82	58	53	W	4	bc	4	Rocheport ...	30.19	75	68	W	3	b	*
Holyhead ...	29.89	58	54	SW	5	bp	4								

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

Weather remaining fine and bright over southern, southern, and southeastern Europe, as well as in many parts of the more northern countries, where, however, conditions were variable, and the sky in many places overcast. Rain falling over northern Russia, showers in some parts of Ireland. Showers later at all the northern and our western stations, and steady rain falling in over the south of Ireland, but weather remaining fine in the south and over France.

Temperatures risen considerably over Central Europe, little changed elsewhere. Morning readings 82° at Brindisi, and above 70° over southern Europe generally; below 60° over northern Europe and the greater part of our Islands, and as low as 51° at Lumburgh H^d, and Malin H^d, 52° at Ardrossan, Naiv, and Stornoway, 53° at Wick and Archangel. Rising to between 80° and 90° over several parts of France later, to 70° and more over Germany, and to between 60° and 69° over the greater part of our Islands and in Sweden.

Wind continuing light and variable over the southern and eastern parts of Europe and also in the far north; fresh to strong from the Wnd over the British Isles, the North Sea and the Baltic, and moderate from SE. and E. over the northern half of Norway. Moderating in our Islands^(later) but becoming strong from WSW. on the Norwegian coast.

Barometer highest 30.2 ins: and more to 30.0 ins: in an anticyclone spreading in from the Atlantic over the whole of southern, southern, and southeastern Europe, lowest about 29.0 ins: over the White Sea, and about 29.1 ins: off the west of Norway. Rising over the United Kingdom later, but rise ceasing in the west of Ireland towards midnight.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 10th July, 1892.

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

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	Barom.	Temp.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).			SHADE TEMP.		Amount of Rainfall.	
			Reading at 52° F. and Sea Level.	Dry Bulb.			Dirac.	Force (0 to 12).	Reading at 52° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.				Dirac.	Force (0 to 12).		Max
	Inch.	°					Inch.	°	°	°							°	Inch.		
SCANDINAVIA.	Haparanda ...	29.15	62	N	4	c	29.23	+ .11	50	49	-	5	NE	6	0	#	c	68	52	0.12
	Hernösand ...	29.42	55	NN	6	c	29.41	+ .15	59	52	-	3	WNW	6	bc	#	c	63	48	0.04
	Stockholm ...	29.53	60	W	6	o	29.56	+ .15	59	51	+	1	W	6	0	#	o	66	50	-
	Wisby ...	29.65	57	NN	8	c	29.67	+ .09	55	53	-	2	NN	6	bc	#	c	61	50	-
	Bodö ...	29.55	49	SW	4	r	29.60	+ .23	50	49		0	W	2	f	1	r	50	48	0.08
	Christiansund...	29.84	49	WSW	9	r	29.88	+ .36	50	47	-	2	WSW	7	f	3	r	50	?	0.20
	Skudesnaes ...	29.91	54	WNW	4	c	29.91	+ .17	52	50	-	2	NNW	7	bc	2	c	58	?	-
	Christiania Fjord (Færd)	29.70	63	WNW	5	bc	29.76	+ .21	59	51	+	1	NNW	3	bc	3	bc	64	52	-
	Skagen (The Scaw)	29.80	54	WNW	6	bc	29.78	+ .13	57	55	-	2	WNW	4	bc	3	bc	61	52	-
	Fanö ...	29.94	55	W	4	c	29.94	+ .06	56	53	-	1	W	2	0	#	c	63	55	-
BRITISH ISLANDS.	Sumburgh Head	29.84	56	W	1	bc	29.97	+ .26	53	52		0	W	1	0	0	bc	58	50	-
	Stornoway ...	29.83	55	W	3	o	29.99	+ .23	55	53	+	1	Z	0	c	3	c	60	50	0.04
	Wick ...	29.90	55	NW	2	c	30.01	+ .23	56	54	+	1	Z	0	c	1	c	60	50	0.02
	Nairn ...	29.84	58	E	1	c	29.99	+ .21	55	52		0	WSW	1	c	1	c	62	50	0.01
	Aberdeen ...	29.87	58	SSW	2	o	30.00	+ .16	58	54	-	1	NNW	2	bc	1	c	63	52	0.02
	Leith ...	29.87	59	Z	0	o	30.01	+ .13	59	54	+	6	W	1	0	#	o	64	46	-
	Shields ...	29.90	58	SSW	3	r	29.98	+ .05	52	52	-	6	NNE	3	0	4	c	62	49	0.13
	Spurn Head ...	29.95	56	SE	3	og	29.98	- .10	58	56	+	1	NNW	5	c	5	c	61	53	0.01
	York ...	29.92	57	SSE	3	o	29.98	- .04	57	55	+	1	NNW	3	0	#	o	61	53	0.05
	Loughborough	29.94	63	S	3	c	29.98	- .09	59	56		0	WNW	3	0	#	c	64	54	0.12
GERMANY & HOLLAND.	Ardrossan ...	29.85	58	WNW	1	o	30.02	+ .11	57	54	+	2	WNW	1	bc	0	o	58	49	-
	Malin Head ...	29.87	53	NNE	1	o	30.05	+ .18	54	51	+	1	NW	1	bc	1	c	56	51	0.07
	Mullaghmore ...	29.89	55	NNW	4	o	30.06	+ .16	55	53	+	1	Z	0	bc	2	o	55	50	0.31
	Belmullet ...	29.90	57	NW	2	bc	30.05	+ .17	57	53	+	1	SSE	3	0	#	bc	58	51	0.51
	Donaghadee ...	29.80	52	NE	3	o	30.06	+ .11	56	53		0	NNE	3	bc	2	c	58	53	0.88
	Liverpool (Bladon)	29.80	59	SE	4	o	30.01	- .02	54	52	-	4	WNW	4	0	4	o	60	53	0.12
	Holyhead ...	29.71	57	SSW	5	c	30.05	+ .05	57	54	+	1	NNW	4	bc	4	c	58	51	0.39
	Parsonstown ...	29.90	55	NW	1	c	30.10	+ .19	55	52	+	3	Z	0	bc	#	c	59	41	0.58
	Valencia ...	30.02	59	WNW	4	bc	30.07	+ .26	57	54		0	SE	3	0	3	bc	60	47	0.30
	Roche's Point	29.90	59	NW	6	bc	30.10	+ .21	54	51		0	S	1	bc	2	bc	62	48	0.35
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.86	56	W	7	c	30.09	+ .07	55	52	-	1	NW	2	bc	4	c	58	51	0.24
	Scilly ...	30.00	60	W	5	bc	30.11	+ .07	63	56	+	1	NNE	1	bc	4	bc	63	53	0.07
	Prawle Point ...	30.01	58	SW	6	o	30.10	- .01	59	55	+	1	WNW	2	bc	1	o	62	48	-
	Jersey (St. Aubin's)	30.06	68	W	2	bc	30.11	- .07	62	56	+	1	NW	3	bc	3	bc	70	56	-
	Hurst Castle ...	30.04	60	SSW	5	bc	30.07	- .08	57	54	-	4	NW	3	bc	2	bc	67	54	0.01
	Dungeness ...	30.05	61	WSW	3	c	30.01	+ .13	63	58	-	3	WNW	4	c	3	bc	66	57	-
	North Foreland	30.04	62	WSW	2	r	29.98	- .14	63	58		0	W	3	bc	2	bc	67	54	0.01
	London ...	30.01	62	WSW	2	o	30.02	- .10	57	53	-	8	WNW	2	0	#	p	71	51	-
	Oxford ...	29.94	60	SSW	5	o	30.02	- .09	56	53	-	2	W	2	0	#	o	65	51	0.01
	Cambridge ...	29.95	62	SW	1	c	29.98	- .11	59	56	-	3	W	1	0	#	c	70	52	-
PENIN- SULA.	Yarmouth ...	30.01	62	SW	3	o	29.91	- .16	57	53	-	4	WSW	3	0	3	oc	68	54	0.01
	Cuxhaven ...	30.08	57	W	2	c	29.99	- .02	56	55	-	6	SSW	1	r	#	c	63	55	0.04
	Berlin ...	30.06	66	NW	3	bc	30.02	- .12	61	57		0	WSW	1	bc	#	bc	73	57	-
	Wiesbaden ...	*	*	*	*	*	30.04	- .19	62	56	+	3	SW	1	bc	#	#	73	50	-
	Munich ...	30.18	64	NE	2	bc	30.12	- .17	68	62	+	4	SW	3	bc	#	bc	72	55	-
	The Helder ...	30.07	60	SW	1	o	29.96	- .15	61	58	+	2	SW	3	bc	2	o	64	58	-
	Brussels (S a.m.)	*	*	*	*	*	30.00	- .12	61	57		1	WNW	2	c	#	bc	73	52	-
	Cape Gris Nez	30.06	61	SW	1	c	30.00	- .17	65	57	-	1	W	4	bc	4	c	66	54	-
	Paris ...	30.05	77	E	1	bc	30.07	- .17	65	57	+	4	NW	2	bc	#	bc	81	56	-
	Brest ...	?	64	SW	3	c	?	- .03	63	61	-	2	NE	3	c	3	c	70	55	-
GERMANY & HOLLAND.	Lorient ...	30.11	66	W	3	c	30.15	- .03	63	61	+	5	NW	3	0	2	c	70	57	-
	Rochefort ...	30.07	68	WNW	4	bc	30.09	- .06	63	60	+	1	NNW	4	bc	#	bc	75	59	-
	Belfort ...	?	68	E	3	bc	?	- .03	73	64	+	5	E	3	r	#	bc	82	58	-
	Lyons ...	30.02	84	E	1	bc	30.05	- .15	72	60	+	3	N	1	bc	#	bc	86	64	-
	Nice ...	30.02	74	W	2	bc	30.02	- .05	72	66	+	1	E.NE	1	bc	#	bc	84	64	-
	Perpignan ...	30.02	84	SSW	5	o	30.02	- .09	77	69		0	SE	1	c	#	o	86	66	-
	Biarritz ...	30.08	73	NW	3	bc	30.13	- .00	69	65	+	2	WSW	3	bc	2	bc	82	66	-
	Corunna ...	*	*	*	*	*	30.08	- .05	66	61		0	NNE	3	bc	#	bc	79	61	-
	Lisbon ...	30.11	68	N	2	bc	30.08	- .05	66	61		0	NNE	3	bc	#	bc	79	61	-

For Explanation of Columns, see bottom of last page.

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

for 8 a.m. on Sunday, 10th July 1892.

EXPLANATION OF MAP

Changes since previous morning are stated in words.

their barbs and feathers refer to force thus—

$\rightarrow =$ forces above 10; $\rightarrow =$ forces 8 to 10;

—•— forces 5 to 7; —•— forces 1 to 4.

⊙ = dead calm.

SEA DISTURBANCE.—Where considerable, is shewn thus:

 = Rough. = High.

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

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

WEATHER is shown by Letters of the Beaufort Scale.

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

AND RAINFALL.

(For the month of July)

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards, over our extreme southwestern coasts, the northwest of France, the Bay of Biscay and the north of Spain.
Lowest, 29.5 in. and less, over the northern part of the Gulf of Bothnia; 29.5 in. and less, in a shallow depression lying off the east of England.
Gradients moderate to rather steep over Scandinavia, but slight elsewhere.

Barometer rising in most parts of our Islands, France, and Scandinavia, but falling again at Valerius Island.

TEMPERATURE

Highest 77° at Perpignan, 75° at Brest, 72° at Lyons and Nice, 69° at Biarritz, and 68° at Munich.

Lowest, 50° at Abo, Haparanda, and Christiansund, 51° at Ålbö and Skudsmo, and 53° at Sumburg Hk.

The highest maxima registered over our Islands yesterday were 71° in London, and 70° at Jersey and Cambridge.

WIND

N or NW in most parts of Great Britain and France, but calm in the north of Scotland; S or SE in the west and south of Ireland.
Light from W. in the southeast of England and from SW. in Holland and North Germany.

Strong from the W or NW in Scandinavia, moderate from the same quarters in Denmark.

WEATHER

Fine over the greater part of Western Europe, but dull over the eastern and central parts of England as well as in the west of Ireland.
Foggy in the west of Norway; dull in north Germany, with rain at Cuthbert.

Heavy rain has fallen in Ireland (0.6 in. at Carrington and 0.9 in. at Dwygla dee) and smaller amounts in many parts of Great Britain.

SEA

Moderate to smooth generally, but rather rough at Spinnaker.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 11th July, 1892.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

None issued

WARNINGS

None issued

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.86	58	53	W	4	c	3	Valencia ...	29.93	57	53	NN	5	bcpq	5
Sumburgh Head ...	29.88	56	53	W	2	bc	3	Scilly ...	29.97	60	60	SSW	6	r	5
Stornoway ...	29.79	60	50	W	3	c	4	Jersey ...	30.12	61	61	SE	3	bc	3
Aberdeen ...	29.88	60	54	SSW	2	c	1	Hurst Castle ...	30.11	63	60	SSW	6	r	5
Shields ...	29.94	61	56	W	3	c	2	Dungeness ...	30.10	64	62	WSW	3	bc	2
Ardrossan ...	29.90	58	55	NNW	1	o	1	North Foreland ...	30.07	67	60	WSW	2	bc	2
Malin Head ...	29.87	53	53	S	1	o	2	London ...	30.07	68	59	SW	4	o	#
Mullaghmore ...	29.85	52	50	NNW	3	or	2	Yarmouth ...	30.04	67	54	SW	4	c	3
Belmullet ...	29.89	54	53	WNW	2	o	#	Rochefort ...	30.10	73	65	WNW	3	b	#
Holyhead ...	29.89	56	55	S	4	rmg	3								

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

Weather in morning fine and bright over southwestern, southern, and southeastern Europe, changeable and unsettled in the northwest and north — overcast in many places, raining in Ireland, as well as over Lapland and the northern parts of Finland and Russia. Rain falling later over the greater part of the United Kingdom, and some showers in many parts of Russia; fall largest in Ireland, largest of all 0.9 in. at Donaghadee.

Temperature in morning exceeding 80° at Prindivi and Trieste only, but exceeding 70° over southern Europe generally, and exceeding 60° over eastern and central Europe, in London and at Heringsand. Lower elsewhere, and as low as 48° at Archangel, 50° at Voss, 53° at Sumburgh Head and Malin Head. Exceeding 90° in many parts of Italy and Spain, and rising to between 80° and 90° in Austria and the south of France, but failing to reach 70° over our Islands except at a few stations over the southern and eastern counties.

Wind light and variable over the Mediterranean, southern and southeastern Europe, mainly W¹ over the more northern countries, and blowing very strongly over the Baltic; SW¹ to S¹ over England, and S¹ to SE¹ in Ireland. Shifting rather suddenly to NW. at our western stations later, and also over the western parts of the Mediterranean.

Barometer highest 30.2 in. to 30.0 in. in an anticyclonic system covering southwestern, southern, central, and southeastern Europe.

Lowest 28.9 in. and less to 28.0 in. in a large depression over the White Sea and northern Russia, and about 29.8 in. in a small one lying to the southwestward of Valencia. Other disturbances growing deeper during day; latter moving quickly to east-northeastward across Ireland, and reaching the Irish Sea by the evening. Local depression forming over Central Spain at 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 11th July,* 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)											PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.	Haparanda ...	29.42	56	NNE	4	0	29.52	+2.9	53	53	+3	E	4	0	#	0	63	46	-		
	Hernösand ...	29.55	53	NE	2	T	29.60	+1.9	57	53	-2	NW	4	0	#	T	63	50	0.35		
	Stockholm ...	29.53	58	NNE	4	0	29.54	-0.2	56	52	-3	NW	6	T	#	0	66	48	-		
	Wisby ...	29.60	57	N	6	0	29.60	-0.7	56	52	+1	N	8	0	#	0	64	52	-		
	Bodö ...	29.72	52	NNE	1	0	29.75	+1.5	52	50	+2	N	2	0	1	0	54	50	-		
	Christiansund...	29.97	50	NSW	5	f	30.00	+1.2	49	48	-1	N	1	T	2	f	52	48	0.04		
	Skudesnaes ...	29.92	52	NNE	7	b	29.91	-0.0	54	50	+2	NNE	7	c	2	b	55	52	-		
	Christiania Fjord (Farther)	29.74	61	NSW	3	c	29.80	+0.4	61	53	+2	N	3	b	3	c	63	59	-		
	Skagen (The Scaw)	29.75	56	NNE	1	b	29.77	-0.1	60	59	+3	NNE	2	b	0	b	68	50	-		
	Fanö ...	29.97	53	NNE	4	b	29.97	+0.3	55	51	-1	NNE	4	c	#	b	63	1	-		
BRITISH ISLANDS.	Sumburgh Head	30.02	55	N	2	c	30.04	+1.0	51	48	-2	NE	1	0	0	c	58	48	-		
	Stornoway ...	30.06	55	N	2	c	29.98	-0.1	55	54	-0	SE	4	b	0	c	56	45	-		
	Wick ...	30.08	56	NW	2	b	30.08	+0.7	56	52	0	ESE	2	b	1	b	57	49	0.03		
	Nairn ...	30.05	59	ESE	2	c	30.02	+0.3	57	54	+2	N	0	b	0	c	64	43	-		
	Aberdeen ...	30.08	54	E	1	c	30.08	+0.8	56	54	-2	E	1	b	1	c	61	51	-		
	Leith ...	30.05	63	NNE	2	c	30.04	+0.3	51	51	-8	NE	1	m	#	c	65	48	-		
	Shields ...	30.04	57	NE	2	b	30.04	+0.6	51	50	-1	ESE	2	m	2	b	62	44	-		
	Spurn Head ...	30.05	56	NNE	3	0	30.04	+1.1	57	55	-1	ESE	2	b	2	0	61	52	-		
	York ...	30.06	60	N	1	b	30.02	+0.4	51	50	-6	E	1	0	#	b	60	44	-		
	Loughborough	30.06	62	NNE	2	c	30.05	+0.7	56	53	-3	SE	2	0	#	c	66	51	-		
GERMANY & HOLLAND.	Ardrossan ...	30.03	60	SSW	1	b	29.98	-0.4	62	55	+5	E	3	b	2	b	63	51	-		
	Malin Head ...	29.99	55	E	3	c	29.86	-1.9	57	54	+3	SE	4	ogym	1	b, c	59	53	-		
	Mullaghmore ...	29.99	61	SE	2	c	29.80	-2.6	57	53	+2	NNE	4	og	3	c	62	53	-		
	Belmullet ...	29.95	61	SSW	3	0	29.69	-3.6	57	53	0	SSW	5	0	#	0	65	47	0.03		
	Donaghadee ...	30.05	58	E	2	b	29.96	-1.0	56	54	0	SE	5	c	3	b	62	55	-		
	Liverpool (Bidston)	30.06	61	NNE	1	b	30.00	-0.1	54	52	0	ESE	3	0	3	b	62	51	-		
	Holyhead ...	30.07	55	NNE	1	b	29.93	-1.2	63	58	+6	ESE	1	ow	2	b	64	51	-		
	Parsonstown ...	29.99	62	SE	1	b	29.78	-3.2	58	56	+3	SE	2	0	#	b	67	53	-		
	Valencia ...	29.93	59	SE	6	c	29.61	-4.6	61	60	+4	SE	7	ogm	5	c	62	56	0.11		
	Roche's Point	30.01	56	SSW	2	b	29.74	-3.6	56	54	+2	SE	5	c	4	b	61	53	-		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.06	58	N	2	b	29.57	-2.2	58	56	+3	ESE	5	c	4	b	60	52	-		
	Scilly ...	30.04	60	SSW	4	c	29.80	-3.1	60	59	-3	SE	5	omp	4	c	65	54	-		
	Prawle Point ...	30.06	59	NSW	2	b	29.92	-1.8	58	56	-1	NNE	5	b	4	b	62	52	-		
	Jersey (St. Aubin's)	30.07	63	E	2	b	29.94	-1.7	64	58	+2	ESE	4	bm	3	b	67	54	-		
	Hurst Castle ...	30.06	63	NSW	3	b	29.98	-0.9	60	58	+3	ESE	3	om	2	b	68	52	-		
	Dungeness ...	30.03	61	SW	4	b	30.00	-0.1	63	59	0	E	3	m	3	c, b	66	53	-		
	North Foreland	29.99	63	NW	2	b	30.00	+0.2	59	55	-4	NNE	2	og	3	b	67	54	-		
	London ...	30.04	65	NW	1	c	30.02	0.0	60	56	+3	ESE	1	0	#	0, b	67	54	-		
	Oxford ...	30.05	60	NW	1	b	30.03	+0.1	54	53	-2	NNE	2	og	#	b	66	51	-		
	Cambridge ...	30.06	64	N	1	0	30.04	+0.6	59	55	0	E	1	0	#	0	67	50	-		
PENINSULA.	Yarmouth ...	29.99	65	NW	4	b	30.04	+1.3	59	55	+2	NE	3	b	2	b	67	53	-		
	Onxhaven ...	29.94	58	N	3	b	29.96	-0.3	58	55	+2	NNE	4	c	#	b	65	56	-		
	Berlin ...	29.86	63	E	1	b	29.90	-1.2	60	57	-1	NNE	3	c	#	b	81	57	0.04		
	Wiesbaden ...	#	#	#	#	#	30.00	-0.4	61	55	-1	N	2	b	#	#	82	52	-		
	Munich ...	29.99	70	E	0	b	30.01	-1.1	63	59	-5	SW	5	e	#	b	87	57	0.35		
	The Helder ...	30.02	59	N	2	b	30.06	+1.0	58	53	-3	N	3	b	2	b	63	54	-		
	Brussels (9 a.m.)	#	#	#	#	#	30.03	+0.3	57	53	-4	NNE	1	0	#	c	70	49	-		
	Cape Gris Nez	30.03	59	N	4	c	30.01	+0.1	57	54	0	NNE	3	0	1	c	63	54	-		
	Paris ...	30.02	74	NNE	3	b	30.01	-0.6	60	55	-5	NNE	2	b	#	b	78	49	-		
	Brest ...	?	65	E	0	0	?	?	59	57	+2	ESE	2	b	2	0	72	55	-		
PENINSULA.	Lorient ...	30.05	70	NSW	2	b	29.80	-3.5	62	57	-1	E	4	b	2	b	72	59	-		
	Rocheport ...	30.01	68	NNE	4	b	29.86	-2.3	64	62	+3	ESE	4	b	#	b	75	61	-		
	Belfort ...	?	81	E	3	b	?	?	70	64	-3	E	3	b	#	b	88	59	-		
	Lyons ...	30.03	67	SSW	1	T	29.93	-1.2	69	63	-3	E	1	b	#	5, 6	91	59	0.51		
	Nice ...	29.93	74	SW	1	c	29.84	-1.8	72	68	0	SSW	1	b	1	c	82	66	-		
	Perpignan ...	29.95	80	SE	1	c	29.86	-1.6	73	71	-2	NE	1	b	#	c	90	68	-		
	Biarritz ...	30.03	70	N	1	b	29.79	-3.4	68	63	-1	ESE	2	b	2	b	75	59	-		
	Coronna ...	30.02	#	#	#	#	30.03	-0.5	66	61	0	N	0	c	#	#	82	61	-		
	Lisbon ...	30.02	73	NNE	1	b	30.03	-0.5	66	61	0	N	0	c	#	#	82	61	-		

For Explanation of Columns, see bottom of last page.

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

for 8 a.m. on Monday, 11th July 1892.

EXPLANATION OF MAP



Changes since previous morning are stated in words.

→ = forces above 10; → = forces 8 to 10;

→ = forces 5 to 7; → = forces 1 to 4.

⊙ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

 = Rough.  = High.

at 8.0 a.m. for the month of July

• *During the 20 Years: 1871—1890.*

STATIONS.	MEAN
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This is a hand-drawn weather map of the North Atlantic and Europe. The map features several key elements:

- Isobars:** Hand-drawn lines representing pressure systems, labeled with values such as 29.6, 29.7, 29.8, 29.9, 30.0, 30.1, 30.2, 30.3, 30.4, 30.5, 30.6, 30.7, 30.8, 30.9, and 31.0.
- Weather Systems:**
 - A low-pressure system is located off the coast of North America, labeled "LOW" and "Bar: falling".
 - A high-pressure system is located over the British Isles, labeled "H".
 - A low-pressure system is located over the North Atlantic, labeled "H" and "Bar: rising".
 - A high-pressure system is located over the North Atlantic, labeled "H".
- Weather Conditions:** Handwritten notes indicating weather trends, such as "Bar: falling", "Bar: rising", and "slowly".
- Geographical Features:** The map shows the outlines of North America, the British Isles, and parts of Europe.
- Latitude and Longitude:** Latitude lines are marked at 45°N, 50°N, 55°N, and 60°N. Longitude lines are marked at 10°W, 20°W, 30°W, 40°W, 50°W, 60°W, 70°W, 80°W, 90°W, 100°W, 110°W, 120°W, 130°W, 140°W, 150°W, 160°W, 170°W, 180°W, 190°W, 200°W, 210°W, 220°W, 230°W, 240°W, 250°W, 260°W, 270°W, 280°W, 290°W, 300°W, 310°W, 320°W, 330°W, 340°W, 350°W, 360°W.

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

WEATHER is shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE,
AND RAINFALL.
(For the month of July.)

[illegible]

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and upwards, over the North Sea, the Netherlands, and the eastern parts of Great Britain.
Lowest, 29.6 in: and less, in a depression lying off the southwest of Ireland; and also over the Gulf of Bothnia and the northern part of the Baltic.
Gradients rather steep over the southwest of our Islands, but moderate or slight elsewhere.
Barometer falling over France and the west and south of our Islands, — briskly, on our extreme southwest coasts.

TEMPERATURE

Highest, 75° at Perpignan, 72° at Nice, 70° at Brest, 68° at Lyons, 68° at Rhine, and 66° at Rochefort and Lisbon.
Lowest, 49° at Christiansund, 51° at Sumburg H., Leith, Shields, and York, 52° at Åbo, and 53° at Haparanda.
The highest maxima registered over our Islands yesterday were 68° at Hunt Circle, and 67° at Jersey, the North Foreland, Cambridge, Yarmouth and in London.

WIND

SE² on the west coast of our Islands and France; strong in force in the southwest of Ireland.
Light from the E² in the east and southeast of Great Britain; and also over the central parts of France.
Moderate to strong from the N² or NW² in Scandinavia and Denmark, with a gale at Nisy.

WEATHER

Dull in the west and south of our Islands, with rain at Malin H. and Valerius Island, and with passing showers at Bally.
Fine in the north and east of Great Britain, as well as in Denmark, Germany, and France. Dull in Scandinavia, with rain at Stockholm and Christiansund.
A thunderstorm occurred at Lyons yesterday afternoon. A solar halo was seen at Mullaghmore in the evening.

SEA

Moderate to smooth generally, but rather rough at Valerius Island.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is approaching the southwest of Ireland seems likely to occasion a considerable increase of wind on our southwest coasts, with unsettled weather in the west and south generally.

FORECASTS

For the 24 hours ending at NOON on 12th July

1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

E² and SE² winds, light or moderate; fair generally.
E² winds, freshening; fair to unsettled and some rain.

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

Same as No 3 to 5.
SE² to E² strong winds and gales; dull, some rain.
SE² winds, increasing in force; dull, some rain.
Same as No 5.

WARNINGS

At 10.20 am today to districts 8 and 10. "Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.92	55	51	NW	7	b	4	Valencia ...							
Sumburgh Head ...	30.06	55	53	S	4	c	4	Scilly ...							
Stornoway ...								Jersey ...	30.13	63	57	NW	3	bc	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.92	63	61	W	4	c	3
Ardrossan ...								North Foreland ...	30.01	66	58	W	3	bc	2
Malin Head ...	30.05	59	55	ESE	3	bc	1	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.00	62	58	SE	2	o	*	Rocheport ...	30.08	72	66	NW	4	b	*
Holyhead ...	30.08	58	55	NW	2	b	2								

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

Weather in morning remaining fine and bright over the southern half of Europe, fair, but not settled over the British Islands, cloudy and unsettled over northern Europe. Local rains in various districts later, and a thunderstorm at Lyons.

Temperature still above 70° at all the southern stations, 82° at Algiers, 86° at Brindisi, above 60° over the greater part of central Europe, lower in the northwest and north. Lowest of all 49° at Ulesborg, 50° at Bodo and Christonand, 52° at Skudesnaes, 55° at Sumburgh Head and 55° at Petersburg. Rising later to 90° at Lyons, to 80° and more over Germany, but not exceeding 67° in any part of our Islands and failing to reach 60° in the west of Norway, the Shetlands, the Hebrides and extreme N. of Ireland.

Wind light and extremely variable over southern, central and eastern countries; N^W and NW^W over Scandinavia, W^W over the Baltic and N. Germany, N^W to W^W over England and the Channel, SW^W in Holland, S^W to SE^W in the west of Ireland. The SE^W wind freshening in Ireland later, the NW^W wind over England dying down.

Barometer highest 30.1 ins. and more to 30.0 ins. over Algeria, SW^W and central Europe and the greater part of the British Islands; lowest 29.1 ins. and less to 29.2 ins. over Finland and the north of Russia, and about 29.9 ins. in a local disturbance off our east coast and below 30.0 ins. over Italy and the southeast of Europe. Falling rather decidedly in Ireland later, rising slightly over the North Sea.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 3RD TO 9TH JULY 1892.

The weather of the past week was exceedingly changeable and unsettled with frequent rain in the western and northern parts of the Kingdom. In the southeastern districts, however, the showers were interspersed with long intervals of bright warm sunshine.

Barometrical pressure was highest over France and Spain and lowest in a series of depressions which skirted our western and northern coasts, the prevailing winds being therefore SW^W or W^W. The most important disturbances observed were—

1. A well marked depression which travelled NW^W outside our extreme northwest and north coasts on the night of the 4th and which occasioned strong gales in the northwest of Ireland, with rain in the west and north generally.
2. A deeper system which travelled in a similar direction on the 6th and 7th which produced moderate to fresh gales from SW^W and W^W over the whole of Ireland and England. The rainfall was in this case general, but the amounts were mostly slight.
3. A shallower depression which advanced in an ENE^W direction over Ireland and England, and which produced strong SW^W winds over our south coasts, with heavy rain at several of the Irish stations and smaller quantities over England.

Temperature was below the average for the time of year but the difference from the normal was not large, the maximum readings over England varying as a rule between 65° and 70°.

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. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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

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

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 12th July.

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 5).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Haparanda ...	29.60	52	N	4	C	29.69	+17	48	47	-5	NE	4	0	#	C	57	—			
	Hernösand ...	29.60	55	NW	2	C	29.72	+12	53	54	+2	N	4	bc	#	C	66	52 0.04			
	Stockholm ...	29.66	58	NW	2	0	29.69	+15	53	52	+1	NNW	5	0	#	0	61 48 0.04				
	Wisby ...	29.67	56	N	4	0	29.65	+09	58	55	+2	N	4	C	#	0	63 52 0.04				
	Bodö ...	29.84	49	N	1	T	29.86	+11	51	48	-1	N	2	bc	1	T	52 46 —				
	Christiansund...	20.01	48	NNW	3	f	29.97	-03	50	48	+1	NNW	2	f	2	f	52 46 0.16				
	Skudesnaes ...	29.83	53	NNW	3	f	29.76	-15	56	54	+2	SSE	1	f	1	f	52 —				
	Christiania Fjord (Færdler)	29.75	62	NNW	3	f	29.80	00	58	51	-3	NNE	3	b	2	b	64 53 —				
	Skagen (The Seaw)																				
	Fanö ...	29.84	53	NNW	4	bc	29.78	-19	57	53	+2	NW	2	bc	#	bc	64 48 —				
BRITISH ISLANDS.	Sumburgh Head	20.05	51	NE	2	0	29.86	-11	50	48	-1	NE	4	0	4	0	54 47 —				
	Stornoway ...	29.89	60	SE	4	0	29.89	-09	54	53	-1	E	5	bc	5	0	63 48 —				
	Wick ...	20.04	53	E	2	b	29.97	-11	51	49	-5	E	3	0	2	b	53 48 —				
	Nairn ...	29.91	61	E	2	b	29.92	-10	51	48	-6	E	3	0	1	b	61 46 —				
	Aberdeen ...	20.02	54	ESE	2	b	29.93	-15	50	47	-6	ESE	3	0	3	b	59 50 —				
	Leith ...	29.94	57	E	2	0	29.89	-15	52	49	+1	E	3	0	#	0	58 49 —				
	Shields ...	29.96	54	E	2	C	29.83	-21	52	50	+1	NE	3	0	3	f,c	56 48 —				
	Spurn Head ...	29.94	57	E	3	C	29.78	-26	54	51	-3	ESE	4	0	3	C	60 52 —				
	York ...	29.96	62	E	2	b	29.80	-22	54	53	+3	E	2	0	#	b	67 46 —				
	Loughborough	29.90	65	ESE	3	C	29.75	-30	57	52	+1	E	4	cg	#	C	68 48 —				
GERMANY & HOLLAND.	Ardrossan ...	29.86	65	E	2	C	29.80	-18	54	51	-8	ENE	3	C	2	C	67 49 —				
	Malin Head ...	29.78	60	ESE	3	om	29.71	-15	54	51	-3	ESE	6	0	3	om	62 52 —				
	Mullaghmore ...	29.68	62	E	7	om	29.61	-19	54	51	-3	ENE	6	omg	5	omg	64 54 —				
	Belmullet ...	29.64	64	SSE	5	0	29.56	-13	54	53	-3	ESE	4	07	#	0	68 54 0.30				
	Donaghadee ...	29.84	57	SE	3	m	29.74	-22	56	54	0	E	6	bc	5	m	59 54 —				
	Liverpool (Bidston)	29.83	65	E	5	C	29.70	-30	56	53	+2	E	6	C	4	C	67 49 —				
	Holyhead ...	29.78	67	SE	1	cm	29.62	-31	57	53	-6	E	6	cmg	5	cm	70 52 —				
	Parsonstown ...	29.65	64	SE	2	0	29.55	-23	53	53	-3	SE	2	T	#	0	67 54 0.48				
	Valencia ...	29.50	56	SSE	4	T	29.39	-22	58	56	-3	ESE	3	T	3	m,T	62 53 1.66				
	Roche's Point	29.60	57	SSE	6	OT	29.45	-29	57	56	+1	SE	6	om	5	0,T	60 53 0.02				
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)																				
	Scilly ...	29.62	61	ESE	5	C	29.49	-33	64	61	+4	SEW	5	C	5	ocb	65 58 0.05				
	Prawle Point ...	29.72	57	ENE	7	C	29.56	-36	59	58	+1	S	2	cm	1	clb	61 53 0.31				
	Jersey (St. Aubin's)	29.71	71	ENE	4	bm	29.60	-34	63	60	-1	SEW	3	og	3	clb	57 60 0.27				
	Hurst Castle ...	29.80	65	ESE	5	bm	29.62	-36	58	57	-2	ESE	3	7bm	3	b, bm	67 57 —				
	Dungeness ...	29.83	60	E	5	b	29.64	-36	59	58	-4	E	5	C	4	b	65 56 —				
	North Foreland	29.86	59	E	6	bcg	29.65	-35	60	57	+1	E	6	bcg	6	b, bcg	61 56 —				
	London ...	29.87	62	E	3	bc	29.66	-36	61	56	+1	E	4	C	#	clb	63 53 —				
	Oxford ...	29.84	58	ENE	2	bc	29.65	-38	58	55	+4	E	3	0	#	C	67 50 —				
	Cambridge ...	29.90	65	E	1	b	29.70	-34	61	56	+2	E	2	b	#	b	69 45 —				
PENINSULA.	Yarmouth ...	29.94	62	ENE	4	b	29.76	-38	57	53	-2	E	6	C	6	b	67 54 —				
	Cuxhaven ...	29.94	57	NW	3	C	29.87	-09	57	54	-1	NNW	1	C	#	C	60 55 —				
	Berlin ...	29.82	64	NNW	2	b	29.82	-08	57	53	-3	NNW	2	C	#	b	72 52 —				
	Wiesbaden ...						29.75	-25	64	57	+3	NW	4	b	#	#	70 52 —				
	Munich ...	29.87	64	NE	1	b	29.78	-23	62	53	-1	E	1	b	#	b	70 52 —				
	The Helder ...	29.96	57	NNE	3	C	29.82	-24	56	51	-2	E	2	C	2	C	61 53 —				
	Brussels (9 a.m.)						29.70	-38	60	55	+3	ENE	4	b	#	b	69 48 —				
	Cape Gris Nez	29.86	61	NE	4	b	29.67	-34	58	52	-2	E	4	bc	4	b	66 50 —				
	Paris ...	29.78	75	ENE	2	b	29.65	-36	56	53	-4	N	2	T	#	b	80 55 0.12				
	Brest ...		65	SEW	2	bc			60	53	+1	SEW	3	C	4	b	77 57 0.50				
GERMANY & HOLLAND.	Lorient ...	29.70	67	W	3	C	29.62	-18	62	59	0	NNW	4	C	5	C	81 61 0.08				
	Rochefort ...	29.69	69	NNW	5	bc	29.74	-12	66	63	0	NNW	5	bc	#	bc	90 61 —				
	Belfort ...		67	W	3	bc			65	53	-5	W	3	b	#	bc	88 57 —				
	Lyons ...	29.69	81	NE	1	bc	29.71	-22	68	62	-1	N	1	0	#	b	87 62 —				
	Nice ...	29.78	69	W	1	b	29.69	-15	78	66	+1	NE	1	b	1	b	81 66 0.04				
	Perpignan ...	29.67	75	NE	3	C	29.75	-11	72	64	-3	NW	4	b	#	C	84 68 —				
	Biarritz ...	29.76	71	NNW	4	0	29.86	+07	67	60	-1	NNW	4	b	3	0	77 59 0.04				
	Corunna ...																				
	Lisbon ...	30.04	68	NNW	4	b	30.09	+06	67	62	+1	NNW	2	b	#	b	78 63 —				

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 12th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

— forces above 10 — forces 8 to 10 —

— forces 6 to 7 — forces 4 to 5 —

— dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

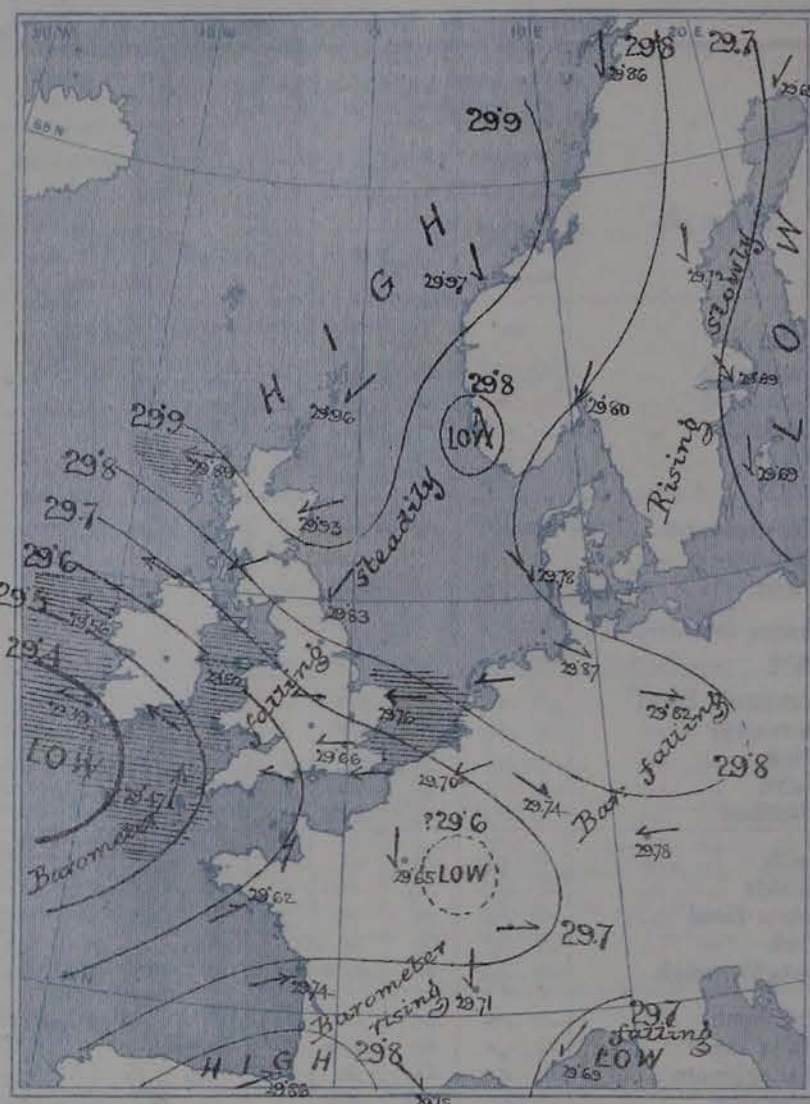
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.807
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

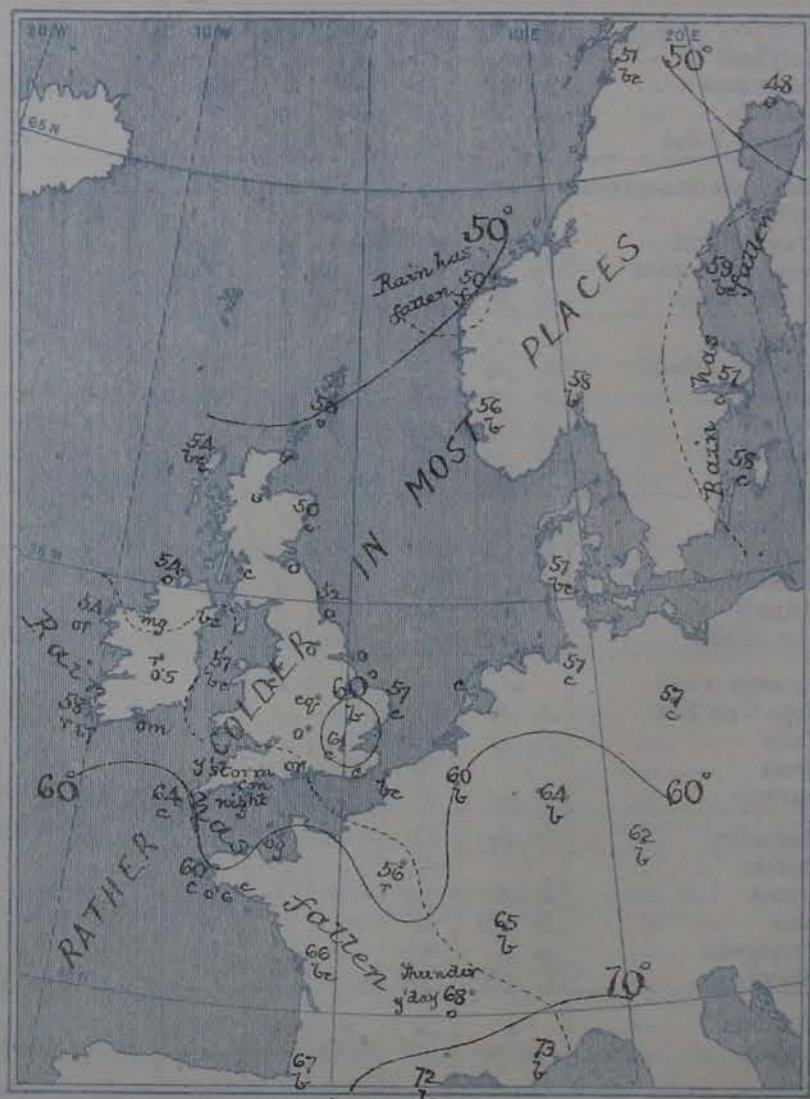
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.6	2.27
Stornoway	60.2	48.9	55.5	53.6	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.50
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.6	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.6	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.8	57.3	2.24
Jersey	63.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	60.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 ins: and upwards, in Portugal, 29.9 ins: and upwards, in a large area lying off the north and northeast of Ireland, and the west of Norway.
 Lowest, 29.4 ins: and less, in a depression lying off the south of Ireland; 29.5 ins: and less, in a small shallow system lying to the eastward of Paris.
 Gradients moderate over Ireland, England, and the Bay of Biscay; slight elsewhere.
 Barometer falling in most parts of Western Europe, but rising over Spain and the southwest of France.

TEMPERATURE

Highest, 73° at Nice, 72° at Perpignan, 68° at Lyons, 67° at Besançon and Lorient, and 66° at Rochefort.
 Lowest, 48° at Haparanda, 50° at Christianmünd, 51° at Hamburg, 52° at Copenhagen, and 51° at Stockholm, Malmö, and Århus.
 The highest maxima registered over our Island yesterday were 77° at Jersey, 70° at Holyhead, and 69° at Cambridge.

WIND

E^z over the greater part of our Islands and strong in force on exposed parts of the English and Irish coasts.
 Moderate to fresh from the S^{wt} at the mouth of the Channel, and from the S^W over the Bay of Biscay.
 Light from W. or NW. in Germany, and from the N^{wt} at most of the Scandinavian stations.

WEATHER

Dull over the greater part of our Islands and also over Central France, with rain at some of our western and southern stations.
 Fair in Scandinavia, Denmark, Germany, and the coast and south of France.
 Rain fell yesterday in the southwest of our Islands and the north of France—heavily, I think, at Valencia Island. Thunderstorms occurred at Marseilles, Toulon, and Lyons, and lightning was seen at Sicily.

SEA

Rough off the southeast of England, and rather rough on the more exposed parts of our west and southwest coasts generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is spreading northwards and eastwards, and seems likely to occasion rain in many parts of England, with thunder in places. The strong E^z winds in the southeast will probably subside, and give place to variable breezes.

FORECASTS

For the 24 hours ending at NOON on 13th July

1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

E^z winds, freshening; dull, some showers

Fresh E^z winds and fair weather followed by variable breezes, and some rain, possibly thunder.

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

Same as Nos 0 to 2

E^z winds, strong; dull, some rain.

S^z winds, fresh or strong; cloudy, some rain.

Same as No 7.

SE^z winds, strong; dull, some rain.

WARNINGS

The SOUTH CONE is still flying in districts 8 and 10

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 ...	29.89	56	52	WNW	1	6	3	Valencia ...	29.53	60	60	SE	7	7m	6
Sumburgh Head	29.07	52	50	NE	2	0	1	Scilly ...	29.70	62	60	ESE	5	0	3
Stornoway ...	29.95	60	53	SE	4	0	4	Jersey ...	29.81	77	67	E	4	6m	3
Aberdeen ...	29.06	57	54	ESE	2	6	2	Hurst Castle	29.89	66	60	ESE	4	6	3
Shields ...	29.02	52	52	E	2	6	2	Dungeness...	29.91	64	61	E	4	6	3
Ardrossan ...	29.89	66	61	E	2	0	1	North Foreland...	29.92	61	57	ENE	5	6	4
Malin Head ...	29.79	58	55	ESE	5	0	2	London ...	29.94	64	57	SE	2	0	*
Mullaghmore ...	29.71	64	57	SE	7	0mg	5	Yarmouth ...	29.01	62	56	ENE	4	6	3
Belmullet ...	29.65	67	60	S	6	0	*	Rochefort ...	29.78	82	74	W	4	6	*
Holyhead ...	29.85	68	61	SE	1	0m	2								

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

Weather in morning fine and bright over southwestern, southern, and a great deal of southeastern Europe, cloudy, variable and unsettled in the northwest and north and also over the south of Russia. Rain in several parts of Ireland, at some Scandinavian stations and on the northern shores of the Black Sea. Rain during day on our southwest coasts and in France, fall heavy (1.7 in.) at Valencia, considerable at Bristol and Holyhead. Thunderstorms over the western part of the English Channel.

Temperature changing little and irregularly; ranging from between 80° and 86° at many of the Mediterranean and Adriatic stations, and 70° or more in the south of France, to less than 60° over the greater part of our islands and the northern countries of Europe, and to 49° at Christiansund, 51° at Shields, Leth, and Sumburgh Hd and at Archangel. Rising to between 80° and 90° over the greater part of France later, to 77° at Pauillac, and to 70° and more over Germany; failing to reach 70° over the British Isles as a whole, but just touching 70° at Holyhead, 69° at Cambridge, and 68° in several other places.

Wind very variable; E¹ at Haparanda, N¹ over Scandinavia (a gale at Kieby), NW¹ over Denmark, W¹ over north Germany and the Baltic Provinces; (2) Anticyclone over the North Sea; (3) E¹ to SE¹ in the British Isles and the north of France — light in the east fresh to very strong in the west; SW¹ over Spain. Very variable in direction and light in force over the more southern countries. Increasing in strength from E. and SE over our islands later, and becoming fresh from WSW in the southwest of France.

Barometer highest 30.0 ins. and more to 29.8 ins. over the Iberian Peninsula and Algeria; 30.0 ins. and more over the North Sea and the eastern half of Great Britain, the Netherlands, and Western Germany. Lowest 29.3 ins. and less, over the northern parts of Russia; 29.6 ins. and less, off our western coasts; 29.8 ins. and less, over the Bay of Biscay and also over the northern parts of the Adriatic and Dalmatia; 29.6 ins. and less, in a small well marked depression near Kharkov. Falling over Western Europe and the British Isles during 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 13 July, 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		SHADE TEMP.			WIND.		SEA (0 to 9).	SHADE TEMP.						
		Reading at 32° F. and Sea Level.	Dry Bulb.	Force (0 to 12).	Weather.		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).		Weather.	Max.	Min.	Amount of Rainfall.			
		Ina.	°				Ina.	°	°	°										Ina.	
SCANDINAVIA.	Haparanda ...	29.75	51	Z	0	b	29.78	+0.09	49	48	+1	NE	4	0	#	b	59	54.5	-		
	Hernösand ...	29.81	51	Z	0	0	29.81	+0.09	57	53	-2	NE	4	0	#	0	61	48	-		
	Stockholm ...	29.73	56	N	2	7	29.74	+0.05	52	50	-5	NNW	4	0	#	0	63	45	-		
	Wisby ...	29.74	56	N	2	b	29.74	+0.05	57	55	-1	NNW	4	0	#	b	63	52	-		
	Bodö ...	29.86	61	N	2	b	29.86	-0.00	52	48	+1	Z	0	0	0	b	43	-	-		
	Christiansund...	29.91	51	N	3	0	29.87	-0.10	51	46	+1	ENE	4	0	3	0	54	48	-		
	Skudesnaes ...	29.76	59	Z	0	b	29.73	-0.03	59	55	+3	NNW	2	0	1	b	55	55	-		
	Christiania Fjord (Færdier)	29.71	63	W	2	b	29.75	-0.05	55	54	-3	N	5	0	2	b	64	54	-		
	Skagen (The Scaw)	29.70	62	NNE	1	b	29.71	-0.06	62	59	+4	SE	1	0	0	b	68	57	-		
	Fanö ...	29.68	57	NW	1	b	29.65	-0.13	59	57	+2	NE	2	0	#	b	68	52	-		
BRITISH ISLANDS	Sumburgh Head	29.88	50	NE	5	0	29.85	-0.11	49	47	-1	NNE	5	0	6	0	53	46	-		
	Stornoway ...	29.85	52	E	6	0	29.86	-0.03	50	49	-4	E	5	0	5	0	55	48	-		
	Wick ...	29.89	49	E	4	0	29.85	-0.12	49	49	-2	E	4	0	3	0	52	48	0.08		
	Nairn ...	29.85	51	E	3	0	29.82	-0.10	49	49	-2	E	1	0	2	0	52	47	0.07		
	Aberdeen ...	29.83	51	NE	4	0	29.79	-0.14	51	49	+1	N	1	0	4	0	52	48	0.01		
	Leith ...	29.80	52	NE	3	0	29.76	-0.13	52	50	0	NE	3	0	#	0	53	47	0.01		
	Shields ...	29.76	53	NE	3	0	29.68	-0.15	52	51	0	NNW	3	0	3	0	55	49	-		
	Spurn Head ...	29.71	53	NE	4	0	29.68	-0.12	52	49	-2	NNE	4	0	#	0	57	50	0.01		
	York ...	29.73	55	ENE	2	0	29.67	-0.13	53	49	-1	NE	1	0	#	0	58	50	-		
	Loughborough	29.66	56	E	4	0	29.66	-0.09	49	49	-8	NE	2	0	#	0	61	48	0.17		
GERMANY & HOLLAND	Ardrossan ...	29.73	55	ENE	4	0	29.75	-0.05	52	50	-2	NNE	2	0	1	0	59	49	-		
	Malin Head ...	29.67	55	ESE	6	0	29.76	+0.05	54	50	0	ESE	4	0	2	0	57	50	-		
	Mullaghmore ...	29.61	58	E	5	0	29.74	+0.13	54	49	0	NE	5	0	3	0	59	50	-		
	Belmullet ...	29.59	58	SSE	4	0	29.75	+0.19	55	52	+1	NE	4	0	#	0	58	47	0.07		
	Donaghadee ...	29.68	58	ESE	5	0	29.73	-0.01	52	50	-4	NNE	3	0	2	0	59	50	-		
	Liverpool (Bldston)	29.64	58	ENE	5	0	29.66	-0.04	52	48	-4	ENE	2	0	3	0	61	40	-		
	Holyhead ...	29.59	58	E	5	0	29.65	+0.03	53	50	-4	ENE	5	0	5	0	61	51	0.01		
	Parsonstown ...	29.55	56	E	1	0	29.66	+0.13	53	50	+2	NE	1	0	#	0	57	51	0.16		
	Valencia ...	29.47	65	SE	2	0	29.67	+0.28	59	57	+1	NE	3	0	#	0	66	53	0.28		
	Roche's Point	29.60	60	SE	5	0	29.63	+0.18	56	54	-1	E	4	0	#	0	63	54	0.10		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.48	60	NW	2	1	29.52	+0.05	60	59	-4	N	1	0	5	0	68	56	0.21		
	Scilly ...	29.55	59	S	3	0	29.54	-0.02	60	58	+1	E	2	0	1	0	63	55	0.06		
	Prawle Point ...	29.62	62	NW	3	0	29.55	-0.05	61	59	-2	SW	5	0	4	0	69	56	0.32		
	Jersey (St. Aubin's)	29.57	59	S	3	0	29.58	-0.04	61	58	+3	SW	2	0	2	0	63	57	0.64		
	Hurst Castle ...	29.58	60	SSE	1	0	29.58	-0.06	59	59	0	SW	3	0	2	0	63	56	0.09		
	Dungeness ...	29.57	59	E	2	0	29.55	-0.10	60	58	0	NW	2	0	2	0	61	54	0.35		
	North Foreland	29.59	58	ENE	2	0	29.58	-0.08	60	58	-1	NNE	1	0	#	0	67	55	0.15		
	London ...	29.58	55	E	2	0	29.59	-0.06	58	53	-5	NE	3	0	#	0	64	53	0.80		
	Oxford ...	29.62	60	E	2	0	29.61	-0.09	53	53	-8	N	1	0	#	0	68	52	0.20		
	Cambridge ...	29.64	58	ENE	5	0	29.55	-0.21	57	57	0	NE	4	0	5	0	60	45	0.01		
PENINSULA.	Yarmouth ...	29.64	58	ENE	5	0	29.55	-0.21	57	57	0	NE	4	0	5	0	60	45	0.01		
	Cuxhaven ...	29.73	61	N	3	0	29.66	-0.21	62	60	+5	ESE	3	0	#	0	63	54	-		
	Berlin ...	29.68	68	NNE	2	0	29.63	-0.19	65	58	+8	ESE	2	0	#	0	74	57	-		
	Wiesbaden ...	29.80	59	SW	3	0	29.69	-0.06	64	60	0	SW	2	0	#	0	75	55	0.04		
	Munich ...	29.80	59	SW	3	0	29.78	-0.02	63	59	+1	W	5	0	#	0	77	57	0.24		
	The Helder ...	29.65	60	NE	5	0	29.59	-0.23	60	59	+4	ESE	1	0	1	0	61	55	0.35		
	Brussels (9 a.m.)	29.60	63	S	2	0	29.63	-0.07	59	56	-1	SE	4	0	#	0	74	55	-		
	Cape Gris Nez	29.60	63	S	2	0	29.60	-0.07	58	57	+3	SW	4	0	2	0	68	55	0.04		
	Paris ...	29.67	60	S	2	0	29.70	+0.05	58	56	+2	SSW	3	0	#	0	77	53	0.59		
	Brest ...	29.67	62	W	5	0	29.61	-0.01	58	57	-2	W	3	0	6	0	68	55	0.08		
FRANCE AND BELGIUM.	Lorient ...	29.67	63	NW	5	0	29.61	-0.01	58	55	-4	NW	4	0	5	0	68	55	0.35		
	Rochefort ...	29.79	63	N	5	0	29.74	-0.05	63	58	-3	W	4	0	#	0	72	57	0.35		
	Belfort ...	29.79	64	W	4	0	29.74	-0.05	64	54	-1	W	4	0	#	0	74	54	0.12		
	Lyons ...	29.75	69	SE	1	0	29.82	+0.11	61	56	-7	ESE	1	0	#	0	74	55	0.04		
	Nice ...	29.81	73	NE	4	0	29.89	+0.14	67	58	-5	NW	2	0	#	0	75	59	0.67		
	Perpignan ...	29.81	73	NE	4	0	29.89	+0.14	67	58	-5	NW	2	0	#	0	75	59	0.67		
	Biarritz ...	29.90	69	NW	4	0	29.85	-0.01	64	60	-3	SW	2	0	6	0	75	59	0.67		
	Corunna ...	30.12	66	NW	3	0	30.15	+0.06	65	63	-2	NW	1	0	#	0	73	63	-		
	Lisbon ...	30.12	66	NW	3	0	30.15	+0.06	65	63	-2	NW	1	0	#	0	73	63	-		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday, 13th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

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

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 1 to 4.

☉ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

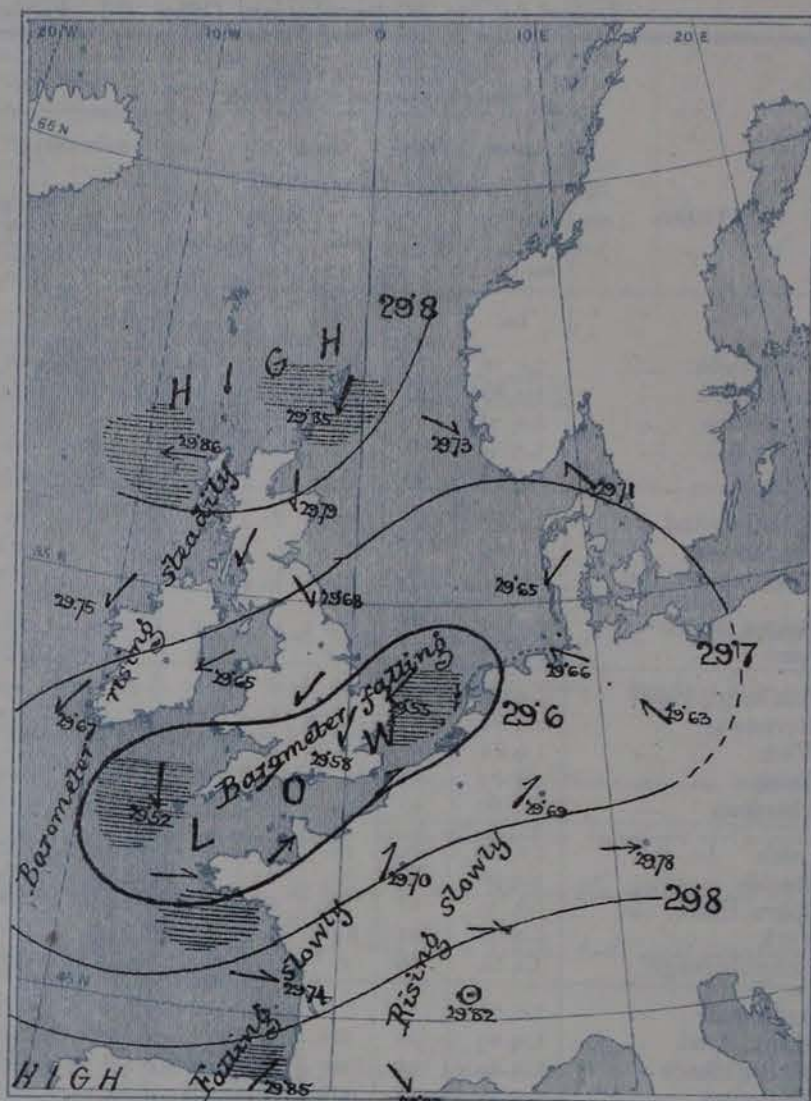
☼ = Rough. ☼☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.957
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER—is shown by letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	54.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	56.0	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	52.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.0	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.0	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.0	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and upwards, in Portugal; 29.8 ins. and upwards in the north of Scotland.
 Lowest, 29.6 ins. and less, in an elongated depression lying over the south of England, the Bristol and English Channels, and the southern part of the North Sea.
 Gradient slight. Barometer rising in the west and south of our Islands and also over Central France, but falling in most other localities.

TEMPERATURE

Highest, 67° at Perpignan, 65° at Berlin and Liebow, 64° at Wiesbaden and Thannitz, and 63° at Munich and Rochefort.
 Lowest, 43° at Seaburgh Hd., Wark, Kain, and Longborough, 50° at Stomoway, and 51° at Aberdeen.
 The highest maxima registered over our Islands yesterday were 69° at Jersey, 68° at Cambridge, and 67° in London.

WIND

Moderate from the NE^W or E^W in the west and north of our Islands.
 Variable in the south-east of England; light from the SW^W over the Channel and north of France.
 W in the south of France; light from the E^W or SE^W in Denmark and North Germany.

WEATHER

Fine at the Channel stations, but cloudy or overcast in nearly all other parts of Western Europe, with rain over the northern and central part of Britain.
 Rain fell yesterday at most of our own and the French stations, the largest amounts being 0.8 in. at Oxford, 0.7 in. at Thannitz, and 0.6 in. at Hunt Castle and Paris. Thunder was heard at Jersey last evening.

SEA

Rough or rather so off the north of Scotland, at the mouth of the Channel, and off the east of England, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the south appears to be moving slowly, north-eastwards, and is at the same time gradually filling up. The indications are still in favour of showery weather excepting in Ireland, where an improvement is likely to take place.

FORECASTS

For the 24 hours ending at NOON on 14th July, 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | NE ^W and N ^W winds, moderate; drizzle, rain at times. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | N ^W winds, light; drizzle, rain at times. |
| 3 | ENGLAND EAST | Light Variable breezes; changeable, some showers, thunder locally. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | NE ^W and N ^W winds, light; cloudy, local showers. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | NE ^W to NW ^W winds, light; changeable, some showers. |
| 9 | IRELAND NORTH | NE ^W and N ^W winds, light or moderate; fair generally. |
| 10 | IRELAND SOUTH | |

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.78	65	57	W	2	b	1	Valencia ...	29.42	62	58	SSE	4	c	4
Sumburgh Head ...	29.43	52	50	NE	5	o	5	Scilly ...	29.48	66	62	S	3	c	5
Stornoway ...	29.87	54	52	E	5	o	5	Jersey ...	29.60	67	63	S	2	o	3
Aberdeen ...	29.88	52	48	NE	4	og	4	Hurst Castle ...	29.60	68	57	SSE	2	o	3
Shields ...	29.69	55	51	NE	3	o	4	Dungeness ...	29.61	60	60	SSE	3	e	2
Ardrossan ...	29.75	58	53	E NE	4	c	2	North Foreland ...	29.61	61	58	E	4	o	5
Malin Head ...	29.69	56	52	NW	6	c	3	London ...	29.62	61	58	E	2	o	5
Mullaghmore ...	29.61	57	53	E	7	ogm	5	Yarmouth ...	29.68	59	54	E NE	6	c	6
Behmullet ...	29.56	58	55	SSE	5	o	5	Rochefort ...	29.81	70	63	W	5	b	5
Holyhead ...	29.60	61	55	E	5	ogm	5								

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

Weather remaining fine over southwestern, southern, and central Europe cloudy and unsettled elsewhere, with rain both at the Irish stations, and over the northern parts of Russia. Rain falling later over Western Europe generally, showers in Scotland and the north of England; largest falls reported 0.8 in. at Oxford, 0.7 in. at Biarritz, 0.6 in. at Paris and Hurst Castle. Thunder reported at Jersey.

Temperature falling in most parts of Europe, rising decidedly over Algeria. Morning readings 80° to 88° on the southern side of the Mediterranean, and exceeding 70° over southern Europe generally. Below 60° over the northern half of Europe, and as low as 48° at Archangel and Haparanda, 50° at Christiana and Sumburgh, 51° at Narvik, 52° at Shields. Rising later to between 70° and 77° over France to between 60° and 69° over Denmark and the southern half of our Islands, but failing to reach 55° in the north and east of Scotland.

Wind light to moderate and very variable over the southern and southern countries. Moderate to strong from W. over the Bay of Biscay, from SW. and S. in the north of France, from E. and SE. over the United Kingdom; N. over Scandinavia and the Baltic, NW. to W. over Holstein and north Germany, S. (very light) over Central Russia. The W. wind spreading to the north of France and mouth of Channel later.

Barometer highest 30.0 in. and more 29.8 in. over the Spanish Peninsula and Algeria; 29.9 in. and more over the northeast of Scotland and west of Norway, and exceeding 29.8 in. over the North Sea and Central Germany. Lowest 29.4 in. and less, in a depression lying off the south-west of Ireland, and about 29.6 in. in a secondary system near Paris; 29.5 in. and less, over Finland and the north of Russia, and below 29.7 in. both over the Black Sea and in Corsica and the Gulf of Genoa. The depression in the southwest moving northwards very slowly during day, and apparently decreasing in intensity.

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.

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

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STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.		°	°	°					°		Inch.		
SCANDINAVIA.	Haparanda ...	29.80	48	NE	2	0	29.81	+03	52	49	+3	ESE	2	0	#	0	41	-		
	Hernösand ...	29.83	50	Z	0	bc	29.87	+06	53	49	-4	SE	2	bc	#	bc	68	46		
	Stockholm ...	29.78	55	N	2	b	29.82	+08	56	52	+4	NW	2	b	#	63	48			
	Wisby ...	29.78	55	N	4	b	29.79	+05	57	54	0	NNE	4	b	#	61	52			
	Bodö ...	29.82	54	W	1	b	29.79	-07	51	50	-1	SW	2	c	#	6	42			
	Christiansund...	29.82	52	NE	4	b	29.79	-08	52	51	+1	E	1	f	2	b	55	48		
	Skudesnaes ...	29.72	55	NSW	2	b	29.75	+02	55	51	-4	SSE	2	c	2	b	59	55		
	Christiania Fjord (Farder)	29.73	61	N	2	c	29.76	+01	59	56	+4	NE	3	r	1	c	61	55		
	Skagen (The Skaw)	29.71	61	SE	1	b	29.73	+02	63	59	+1	S	2	b	1	b	72	69		
	Fanö ...	29.66	64	NE	1	b	29.65	00	60	57	+1	NE	1	bc	#	b	81	55		
BRITISH ISLANDS.	Sumburgh Head	29.89	50	NNE	3	0	29.90	+05	49	47	0	NNE	3	0	4	0	52	43	0.01	
	Stornoway ...	29.89	52	E	5	bc	29.98	+12	51	50	+1	E	4	0	4	b, bc	54	46		
	Wick ...	29.92	50	E	2	0	29.95	+10	49	48	0	NE	1	0	0	0	53	48	0.05	
	Nairn ...	29.89	51	ESE	3	0	29.95	+13	50	47	+1	ESE	1	c	1	0	53	46	0.01	
	Aberdeen ...	29.85	52	N	3	0	29.94	+15	50	46	-1	NW	2	c	3	ag, p	56	47	0.01	
	Leith ...	29.81	55	EHE	3	c	29.94	+18	50	48	-2	EHE	3	0	#	c	59	48	-	
	Shields ...	29.76	53	NE	3	c	29.90	+22	50	48	-2	NW	3	0	4	2, c, r	56	47	0.02	
	Spurn Head ...	29.67	55	N	4	og	29.82	+18	53	52	+1	N	6	og, p	5	og	57	51	-	
	York ...	29.70	57	NNE	2	*	29.87	+20	55	52	+2	N	3	0	#	c	60	53	-	
	Loughborough	29.69	56	NNE	2	0	29.86	+20	54	53	+5	NW	2	og, md	#	0	54	49	0.11	
GERMANY & HOLLAND.	Ardrossan ...	29.79	59	NNE	2	c	29.93	+18	54	52	+2	Z	0	om	0	cm	60	51	-	
	Malin Head ...	29.78	57	N	2	b	29.92	+16	57	54	+3	SW	2	0	2	b	59	53	-	
	Mullaghmore ...	29.80	59	EHE	1	om	29.92	+18	56	53	+2	EHE	2	om	2	cm, om	60	53	-	
	Belmullet ...	29.84	58	NNE	2	b	29.94	+19	57	55	+2	S	2	0	#	b	59	49	-	
	Donaghadee ...	29.78	55	N	5	0	29.94	+21	54	52	+2	EHE	3	c	2	0	59	52	-	
	Liverpool (Bidston)	29.71	60	NW	2	c	29.89	+23	56	52	+4	NE	2	0	3	c	62	52	-	
	Holyhead ...	29.73	56	NNE	4	c	29.89	+24	55	53	+2	EHE	2	og, m	2	cg, m	57	52	-	
	Parsonstown ...	29.80	56	Z	0	b	29.92	+24	56	53	+3	Z	0	0	#	c	59	52	-	
	Valencia ...	29.81	63	N	3	bc, m	29.94	+27	57	53	-2	EHE	1	bm	1	bc, m	67	46	-	
	Roche's Point	29.79	58	ESE	1	c	29.92	+29	57	54	+1	N	1	b	2	c	62	50	-	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.70	56	NNE	3	0	29.88	+32	56	53	+3	N	1	bc	2	0	60	52	0.12	
	Scilly ...	29.70	60	NW	4	0	29.91	+39	60	55	0	NW	3	b	4	bc, 0	64	54	-	
	Prawle Point ...	29.65	60	NW	1	r	29.86	+32	59	57	-1	NW	1	og	0	p	64	53	0.07	
	Jersey (St. Aubin's)	29.61	63	W	4	bc, m	29.84	+29	60	56	-1	NW	4	cg, w	3	bc, m	65	57	-	
	Hurst Castle ...	29.62	60	NNE	2	p	29.83	+25	55	54	-6	NNE	2	om	1	bc, p	67	53	0.20	
	Dungeness ...	29.58	63	NE	4	c	29.73	+15	59	58	0	N	3	c	2	bc, c	66	54	-	
	North Foreland	29.58	59	NW	2	c	29.72	+17	60	58	0	N	2	og	2	bc, bc	61	55	0.51	
	London ...	29.64	56	N	3	0	29.79	+21	55	53	-5	N	3	og, p	#	bc, op	61	52	0.13	
	Oxford ...	29.70	52	N	2	0	29.83	+24	54	53	+1	N	3	og	#	og, p	55	52	0.02	
	Cambridge ...	29.64	53	N	2	r	29.83	+22	54	53	+1	N	2	r	#	r	56	52	0.45	
PENINSULA.	Yarmouth ...	29.54	57	NW	3	om	29.72	+17	56	55	-1	NW	3	0	4	0	59	55	0.01	
	Cuxhaven ...	29.63	60	Z	0	r	29.62	-04	69	59	-2	S	1	bc	#	r	65	59	0.68	
	Berlin ...	29.60	62	SSW	1	r	29.63	00	59	58	-6	NW	2	0	#	r	77	57	-	
	Wiesbaden ...	#	#	#	#	#	29.67	-02	60	57	-4	W	1	0	#	#	75	55	-	
	Munich ...	29.78	58	SE	3	c	29.79	+01	59	55	-4	NSW	5	c	#	c	66	54	0.08	
	The Helder ...	29.62	61	NSW	1	0	29.68	+09	60	59	0	NSW	1	0	1	0	72	51	-	
	Brussels (9 a.m.)	#	#	#	#	#	29.70	+07	61	59	+2	NW	2	c	#	bc	72	51	-	
	Cape Gris Nez	29.60	64	W	1	b	29.69	+09	56	55	-2	W	3	0	2	b	66	54	-	
	Paris ...	29.64	58	NW	2	bc	29.71	+07	57	55	-1	NW	2	bc	#	bc	69	52	0.32	
	Brest ...	#	61	NW	3	bc	#	#	59	57	+1	NW	3	m	3	bc	68	55	-	
PENINSULA.	Lorient ...	29.66	64	NSW	5	bc	29.87	+26	59	55	+1	NW	4	0	4	bc	64	57	0.24	
	Rochefort ...	29.71	64	NW	6	c	29.87	+13	61	60	-2	NW	5	0	#	c	68	57	0.39	
	Belfort ...	#	65	W	4	r	#	#	59	56	-5	W	4	0	#	r	68	49	0.08	
	Lyons ...	29.75	67	W	2	c	29.86	+04	59	56	-2	SSW	1	r	#	c	78	55	0.04	
	Nice ...	29.60	77	W	7	b	29.69	#	69	54	#	NW	3	b	4	b	86	63	-	
	Perpignan ...	29.87	68	NW	1	r	29.96	+07	68	57	+1	NW	4	b	#	r	80	61	0.04	
	Biarritz ...	29.93	68	NW	6	0	30.01	+16	64	59	0	NW	8	r	7	0	72	59	0.20	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.16	68	NW	4	b	30.19	+04	65	61	0	NNE	2	b	#	#	75	61	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Thursday, 14th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

→ = forces above 10; → = forces 8 to 10;

→ = forces 5 to 7; → = forces 1 to 4.

○ = dead calm.

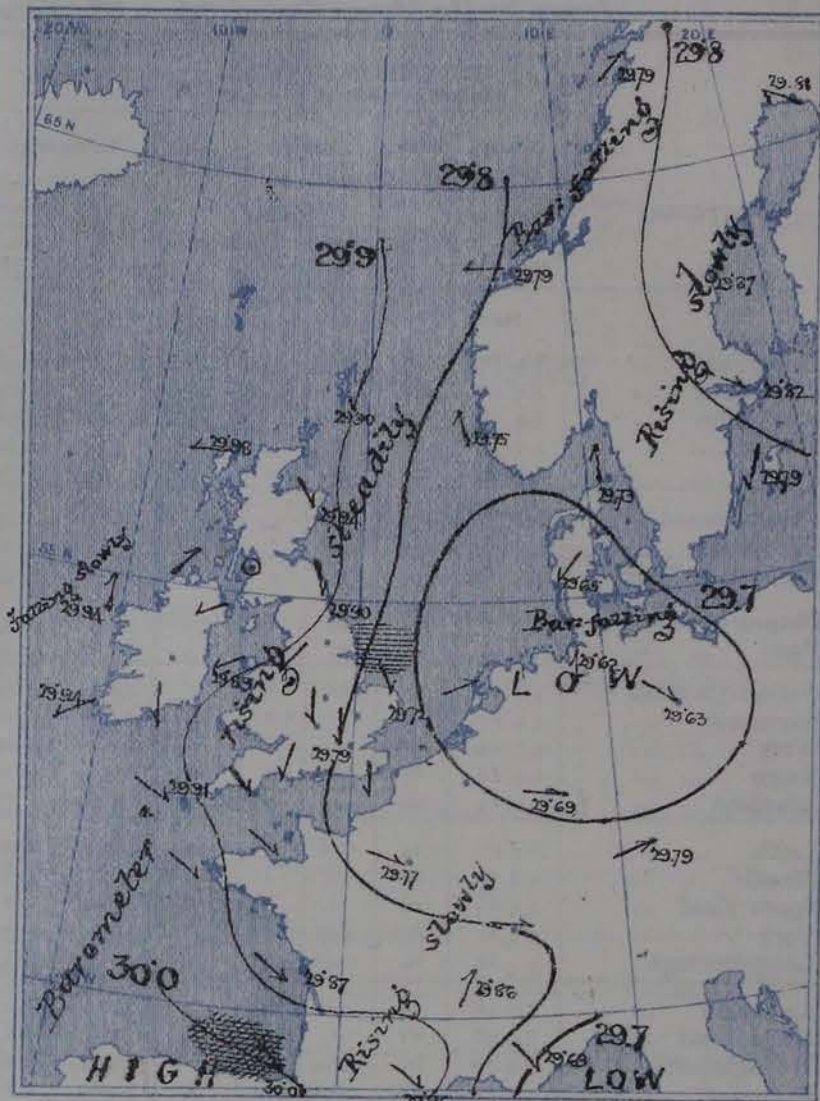
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.908
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.967
Oxford	29.940
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

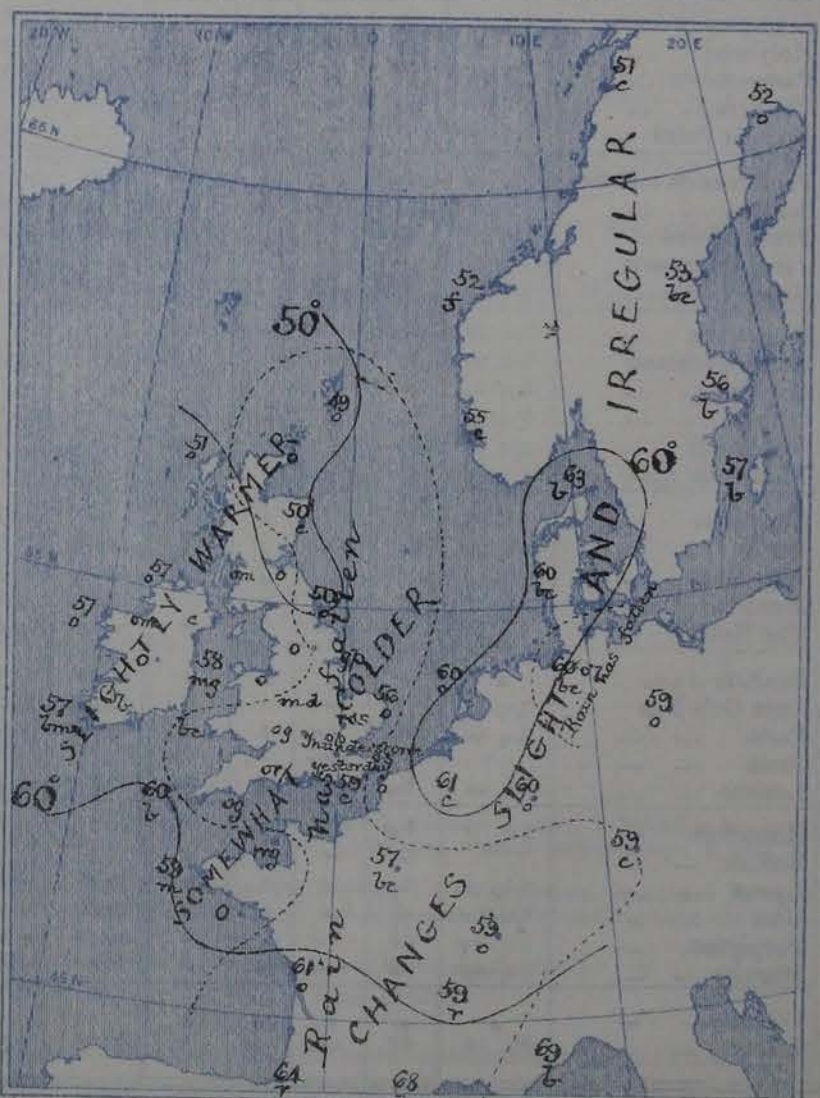
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	63.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.5	3.02
Wick.....	61.8	48.7	55.8	53.5	2.84
Nairn	64.3	60.9	66.7	53.3	2.59
Aberdeen	63.9	59.6	67.6	53.9	2.78
Leith.....	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.84
Ardrossan	63.5	52.8	57.2	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead.....	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.6	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	59.4	1.95
LONDON	72.4	61.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.5	2.68
Cambridge	71.9	62.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in. and upwards over Spain and the extreme southwest of France.
Lowest, 29.7 in. and lies in a large shallow depression lying over Germany, Denmark, the Netherlands, and the eastern and southern parts of the North Sea.
Gradients slight. Barometer falling a little in the extreme northwest of our Islands and also in the west of Norway, but rising elsewhere.

TEMPERATURE

Highest, 63° at Nice, 62° at Perpignan, 64° at Biarritz, 63° at Hagen, and 61° at Rochefort and Brest.
Lowest, 49° at Lumburg, 48° at Mith, 50° at Raim, Aberdeen, Perth, and Shields, and 51° at Oslo and Stockholm.
The maxima registered over our Islands yesterday were below 60° at most of our northwestern, northern and eastern stations.

WIND

Light or moderate from the N^W over the greater part of England and from the NW^W in France, but strong to a gale at Biarritz.
Light from the NW^W or SW^W over the Netherlands, and from the S^W in Denmark and the south of Norway.
Light from SW in the extreme northwest of Ireland, and from E. or NE. in Scotland.

WEATHER

Dull over the greater part of the United Kingdom, as well as over the eastern and central parts of France, with showers in the east and south of England, and with steady rain at Lyons and Biarritz.
Fine in our extreme southwest coasts, and also in Sweden, Denmark, and the south of France.
Rain fell yesterday over France and the southeast of England, and passing showers at several of our northern stations. Thunder was heard in London and also at the North Foreland.

SEA

Moderate to smooth generally, but rather rough at Spurn H^d and high at Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea is passing away to the eastward, and a temporary improvement in the weather is probable over England. The fall of the barometer which has commenced in the northwest of Ireland seems to indicate the advance of another depression from the westward, and the general appearance is therefore still very unsettled.

FORECASTS

For the 24 hours ending at NOON on 15th JULY 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | NE ¹ to E ¹ winds, light or moderate; fair to dull and some rain. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | Same as N ^o 5. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | N ¹ winds, light; dull at first with local showers then fair. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|---|
| 6 | SCOTLAND WEST | Variable breezes, finally S ¹ ; dull, some rain. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | Variable breezes, finally SW ¹ ; fair to dull and some rain. |
| 9 | IRELAND NORTH | S ¹ and SW ¹ winds, light to fresh; fair to dull and some rain. |
| 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.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.73	59	54	W	5	b	2	Valencia ...	29.76	66	61	W	2	bcm	2
Sumburgh Head ...	29.84	51	49	NNE	4	o	6	Scilly ...	29.63	63	60	N	3	bc	5
Stornoway ...	29.88	54	53	E	5	b	5	Jersey ...	29.59	65	61	W	4	bc	2
Aberdeen ...	29.83	55	52	NE	4	cq	4	Hurst Castle ...	29.59	66	63	SW	2	bc	2
Shields ...	29.72	55	52	ESE	3	c	3	Dungeness ...	29.58	64	61	WSW	3	bc	2
Ardrossan ...	29.76	60	56	NNE	2	c	1	North Foreland ...	29.57	60	59	W	2	bc	2
Malin Head ...	29.80	56	51	NNE	1	b	0	London ...	29.60	59	56	N	2	o	*
Mullaghmore ...	29.79	57	52	NE	2	cm	2	Yarmouth ...	29.55	57	57	N	4	oga	*
Belmullet ...	29.81	54	53	ESE	2	b	*	Rochefort ...	29.73	65	60	W	6	o	*
Holyhead ...	29.70	55	51	NNE	4	egm	4								

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

Weather in morning more or less unsettled in all parts of Europe; cloudy or overcast in many places, raining in several parts of British Islands and north of France, south Germany, the Baltic Provinces, Sweden and Finland. Thunder in some parts of Surrey. Rain falling later in many parts of France, England, and north Germany (07 m. at Lüneburg, 05 m. at the North Foreland and Cambridge), and thunder and lightning over our southeastern countries.

Temperature fallen again over Algeria; low generally over northern Europe for the time of year. Morning readings 80° or more at Algiers and several of the Italian stations; above 60° over all the southern, central, and southeastern countries, lower elsewhere. Lowest of all 43° at Archangel. Haparanda, Sumburgh H., Kairi, and Loughborough, 54° at Aberdeen, 52° at Shields and Spurn. Touching 67° at Valencia and Prata Point later in day, but failing to reach 60° on our northern and eastern coasts.

Wind moderate from between N. and E. over Scandinavia and the greater part of the British Islands and the North Sea but SW to W over France, NW over Spain, SW to S over Italy. Becoming S at Paris later, but shifting to between W. and N. over the English Channel.

Barometer highest (1) 30.1 in. and more to 29.9 in. over Spain and northern Africa; (2) 29.8 in. and more over the northern parts of Scandinavia and Scotland. Lowest 29.6 in. and less, in a complete depression lying over the Channel, the southern countries of England and part of Holland, and below 29.7 in. over the northern half of Russia, as well as over the Adriatic, Dalmatia and part of Austria. Raining somewhat irregularly in our Islands later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 15th July, 1892.

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

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)						THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
	BAROM.	TEMP.	WIND.		Weather.		BAROMETER.	SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).			SHADE TEMP.		Amount of Rainfall.	
	Reading at 5 P.M. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).			Reading at 5 P.M. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).				Max.	Min.		
	Inch.	°					Inch.	°	°	°							°	°	Inch.	
SCANDINAVIA.																				
Haparanda ...	29.85	51	SW	2	c		29.92	+0.11	53	51	+1	ESE	2	b	#	c	54	45	-	
Hernösand ...	29.94	52	W	0	bc		29.91	+0.04	57	51	+4	W	0	b	#	bc	66	50	-	
Stockholm ...	29.81	56	ESE	2	b		29.77	-0.05	60	56	+4	NE	4	0	#	b	66	43	-	
Wisby ...	29.76	55	E	4	b		29.62	-0.14	55	54	-1	ESE	6	7	#	b	64	50	0.24	
Bodö ...	29.83	51	W	1	0		29.89	+0.10	54	47	-7	SW	2	c	#	0	55	46	-	
Christiansund...	29.84	52	NE	4	0		29.92	+0.13	54	49	+5	NNE	3	c	2	0	53	50	-	
Skudesnaes ...	29.77	56	SSW	1	c		29.82	+0.07	58	55	+3	NW	2	0	2	0	62	55	-	
Christiania Fjord (Færder)	29.78	65	H	2	b		29.82	+0.06	60	56	+4	N	3	b	1	b	66	59	-	
Skagen (The Scaw)	29.75	62	NE	1	T		29.74	+0.06	51	48	-3	ESE	1	b	0	T	73	59	0.04	
Fanö ...	29.73	56	E	1	bc		29.76	+0.11	59	57	-2	N	2	bc	#	bc	66	52	0.20	
Sumburgh Head	29.93	50	NNE	2	0		29.96	+0.06	51	48	+3	NNE	2	0	3	0	52	45	-	
Stornoway ...	30.00	52	E	4	c		30.04	+0.06	50	49	-1	E	4	0	4	0, c	53	47	-	
Wick ...	29.99	51	W	1	c		30.03	+0.08	52	50	-2	NW	1	bc	1	c	52	45	0.03	
Nairn ...	29.96	54	E	1	c		30.02	+0.07	50	48	-2	W	0	c	1	c	58	47	0.03	
Aberdeen ...	29.98	51	NW	2	c		30.03	+0.09	49	47	-2	NW	2	0	2	c	54	47	-	
Leith ...	29.95	54	ESE	2	0		30.02	+0.08	53	49	+4	E	2	0	#	0	58	49	-	
Shields ...	29.97	53	N	2	c		30.03	+0.13	51	49	+2	NW	1	0	3	c	56	48	-	
Spurn Head ...	29.94	53	NW	4	0		30.02	+0.20	53	50	-3	W	0	c	2	0	55	49	-	
York ...	29.96	56	NNE	1	c		30.04	+0.17	54	49	-5	S	1	0	#	c	58	47	-	
Loughborough	29.96	56	NNE	2	c		30.05	+0.19	53	51	-2	SE	1	0	#	c	60	50	-	
ISLANDS.																				
Ardrossan ...	29.92	58	W	1	0		29.99	+0.06	54	52	-2	ESE	1	om	1	c, 0	59	51	-	
Malin Head ...	29.94	58	N	1	0		29.96	+0.04	56	53	-3	ESE	2	0	1	0	62	53	-	
Mullaghmore ...	29.95	60	NW	1	om		29.95	+0.03	59	54	+5	ESE	1	c	1	om	61	54	-	
Belmullet ...	29.96	58	ESE	2	0		29.94	-0.02	59	55	+4	S	2	0	#	c, 0	63	54	-	
Donaghadee ...	29.97	57	ESE	1	c		29.99	+0.05	56	53	+3	ESE	2	m	1	c	61	53	-	
BRITISH ISLANDS.																				
Liverpool (Bldston)	29.95	60	NW	1	c		29.99	+0.10	55	52	-3	SE	2	0	3	c	63	52	-	
Holyhead ...	29.95	56	N	1	bc		29.97	+0.08	57	54	+3	N	1	bc	1	c, bc	58	50	-	
Parsonstown ...	29.95	61	W	0	c		29.94	+0.02	59	54	+5	W	0	c	#	c, c	62	54	-	
Valencia ...	29.95	65	S	2	cm		29.87	-0.07	60	58	+2	E	4	rgm	4	cm	65	56	0.04	
Roche's Point	29.97	62	SSW	1	b		29.93	+0.01	59	55	+4	SE	4	c	3	b	65	54	-	
Pembroke (St. Ann's Hd.)	29.94	61	NW	1	b		29.97	+0.09	54	54	-	NE	1	c	1	b, f	62	51	-	
Scilly ...	29.97	64	SSW	2	bc		29.95	+0.04	60	59	-1	S	4	c	3	bc	66	55	-	
Prawle Point ...	29.95	60	N	3	bc		30.01	+0.15	58	58	-	S	1	0	0	bc	64	51	-	
Jersey (St. Aubin's)	29.97	63	NW	3	bm		30.06	+0.22	63	60	+3	SSW	3	bc	3	c, bm	66	50	-	
Hurst Castle ...	29.94	62	ESE	3	om		30.04	+0.21	59	57	+2	E	2	om	2	om	64	55	0.01	
Dungeness ...	29.89	60	N	4	c		30.04	+0.31	56	53	-3	NE	1	m	0	c	63	52	-	
North Foreland	29.88	56	N	4	0		30.02	+0.30	55	51	-4	N	1	og	2	og	60	51	0.01	
London ...	29.95	56	N	1	og		30.06	+0.27	56	52	+4	SW	1	0	#	ap, 0	57	51	-	
Oxford ...	29.99	53	W	0	b		30.04	+0.21	54	52	-2	SE	3	og	#	0, bm	59	49	-	
Cambridge ...	29.96	55	N	1	0		30.06	+0.23	55	52	+3	N	1	0	#	0	57	50	0.03	
Yarmouth ...	29.88	54	NW	2	0		30.01	+0.29	55	51	-4	NW	3	c	3	0	56	51	0.01	
GERMANY & HOLLAND.																				
Cuxhaven ...	29.70	60	NNE	3	bc		29.82	+0.20	59	58	-1	NNE	3	bc	#	bc	63	59	-	
Berlin ...	29.62	69	NW	1	b		29.75	+0.12	58	56	-2	W	3	c	#	b	75	55	-	
Wiesbaden ...	#	#	#	#	#		29.93	+0.26	60	56	-4	NW	3	0	#	#	68	55	0.08	
Munich ...	29.87	57	W	6	c		30.00	+0.21	55	53	-2	SW	5	0	#	c	66	52	0.16	
The Helder ...	29.85	58	N	5	c		30.00	+0.32	55	49	-6	NW	4	c	3	c	63	54	0.20	
FRANCE AND BELGIUM.																				
Brussels (9 a.m.)	#	#	#	#	#															
Cape Gris Nez	29.87	57	NW	4	0		30.01	+0.32	54	53	-1	NW	3	0	2	0	64	52	-	
Paris ...	29.90	63	NW	3	0		30.09	+0.32	57	55	-2	N	1	0	#	0	65	55	-	
Brest ...	?	63	NW	2	c		?	?	59	58	-1	S	2	bc	3	c	68	55	-	
Lorient ...	29.99	63	NW	5	bc		30.04	+0.17	61	59	+2	SE	3	c	2	bc	64	55	-	
Rochefort ...	29.99	65	NW	5	b		30.06	+0.19	64	62	+2	SSW	3	b	#	b	70	61	-	
Belfort ...	?	60	W	4	T		?	?	58	53	-5	W	4	0	#	T	66	48	0.85	
Lyons ...	29.93	63	?	2	0		30.09	+0.23	60	57	+3	W	1	0	#	T, 0, b	72	55	0.04	
Nice ...	29.66	78	NW	6	b		29.86	+0.17	69	59	+10	E	1	b	0	b	86	59	-	
Perpignan ...	29.97	75	W	3	bc		30.10	+0.14	69	61	+8	W	1	b	#	bc	79	62	-	
Biarritz ...	30.10	65	W	3	T		30.09	+0.08	64	63	-1	W	3	T	2	T	73	63	0.16	
SPAIN.																				
Corunna ...	#	#	#	#	#															
Lisbon ...	30.12	68	N	4	b		30.07	-0.12	67	62	+5	N	4	b	#	b	77	63	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Friday, 15th July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

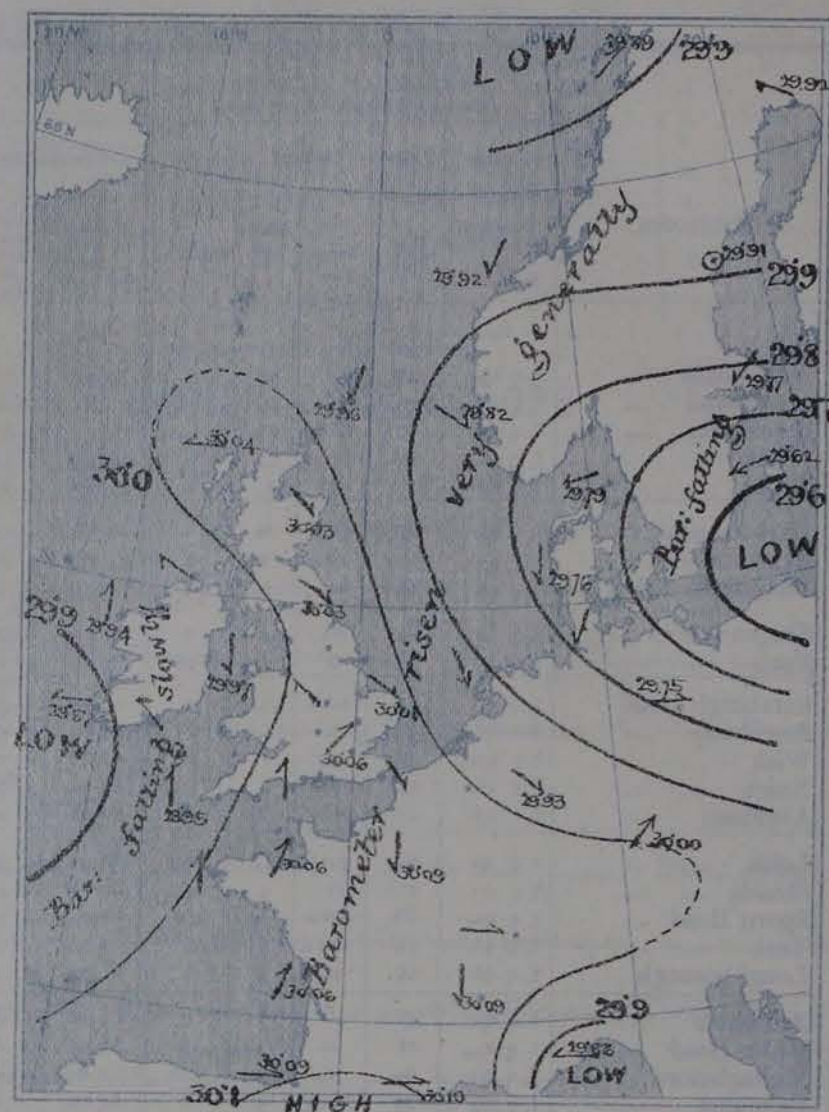
SEA DISTURBANCE—Where considerable, is shown thus:

☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.754
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Glasgow	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.956
Mullaglmora	29.980
Donaghadee	29.977
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Rocha's Point	29.932
Pembroke	29.936
Sally	29.974
Prawle Point	29.937
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER—is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	57.4	48.0	52.1	51.8	2.27
Stornoway	50.2	45.9	45.5	53.8	3.03
Wick	51.8	48.7	56.2	53.5	2.94
Nairn	54.3	50.9	56.7	53.3	2.50
Aberdeen	53.9	50.6	57.5	53.9	2.78
Leith	56.7	51.2	58.4	54.9	2.86
Glasgow	54.1	52.2	58.3	55.0	2.56
Spurn Head	55.1	55.2	59.0	58.8	1.74
York	58.7	51.9	59.2	55.9	2.76
Loughborough	71.5	52.0	61.1	67.0	2.84
Ardrossan	53.5	52.8	57.8	64.7	2.91
Mullaglmora	52.9	54.0	57.2	64.4	3.72
Donaghadee	53.2	51.8	57.4	60.6	3.92
Holyhead	53.8	54.3	58.1	65.8	2.40
Liverpool	55.9	54.2	59.4	60.6	2.98
Parsonstown	56.4	51.5	58.1	64.8	2.96
Valencia	54.0	53.6	58.9	60.4	3.00
Rocha's Point	56.1	53.2	58.8	55.9	3.29
Pembroke	52.5	54.8	58.0	58.0	2.54
Sally	54.4	56.2	60.2	58.1	2.46
Prawle Point	54.5	53.7	59.0	67.3	2.24
Jersey	58.3	56.2	62.0	58.9	3.40
Hurst Castle	57.8	55.5	61.1	58.2	2.20
Dover	56.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	67.8	2.38
Oxford	69.8	53.4	60.0	56.6	2.63
Cambridge	71.9	52.3	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	67.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and more over Spain, and 30.0 in. and more over France, and the southern, eastern, and northern parts of Great Britain.
Lowest, 29.6 in. and less, in a depression over the Baltic, and 29.9 in. and less, in another off the southwest of Ireland.

Gradients moderate over the North Sea, Denmark, and North Germany, slight over the British Isles, France, and Spain.

Barometer has begun to fall again in Ireland, and the fall is spreading.

TEMPERATURE

Highest, 69° in the south of France, 67° at Leabon, 64° at Bismarck and Rochfort, 60° at Scilly and Valencia (Ireland).

Lowest, 49° to 52° over the greater part of Scotland and the northeast of England, as well as at Bodo and Haparanda.

This morning's readings are below 60° all over Great Britain and Ireland, and the maxima recorded yesterday were below that value over all the northeastern and eastern counties of Great Britain. At several of Continental stations, however, the maxima exceeded 70°.

WIND

(1) NE¹ over Scandinavia, N¹ on the eastern shores of the North Sea, and NW³ to W² over North Germany.

(2) Extremely light and variable over the eastern half of England.

(3) S¹ to SE¹ on our western and northwestern coasts; SW¹ in the southwest of France.

WEATHER

Cloudy or overcast in most places, with rain both at Valencia (Ireland), at Mirkby, and at Bismarck.

Very slight rain fell yesterday at a few of our southern, eastern, and northern stations, and larger quantities in the southern parts of France and Germany.

SEA

Moderate in the extreme west and northwest, very little disturbed elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fall of the barometer and the S¹ and SE¹ winds in the west seem to be spreading eastwards, and will probably bring unsettled weather (rain and perhaps thunder) to England tomorrow.

FORECASTS

For the 24 hours ending at NOON on 16th July,

1892.

DISTRICTS.

FORECASTS.

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

Wind becoming E² or SE²; fair to unsettled and rainy.

SE² and S² winds, light; fair and close today, possibly less fair tomorrow.

DISTRICTS.

FORECASTS.

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

Same as No. 0 to 2.

SE² winds; fair to rainy.

SE² to SW² winds; cloudy and close to rainy.

SE⁴ and S² winds, cloudy, rainy, unsettled

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.		THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	29.75	62	55	SE	2	c	2	Valencia ...	29.96	64	58	msw	2	c	2	
Sumburgh Head	29.92	50	49	nmw	2	o	4	Scilly ...	29.95	64	58	SE	2	bc	3	
Stornoway ...	30.00	53	51	E	4	o	4	Jersey ...	29.93	66	60	W	3	c	3	
Aberdeen ...	29.96	53	48	W	2	c	3	Hurst Castle	29.92	61	58	nmw	2	o	2	
Shields ...	29.95	52	49	W	3	c	4	Dungeness...	29.84	62	58	W	3	c	2	
Ardrossan ...	29.93	59	57	W	1	c	0	North Foreland...	29.80	55	52	W	4	o	4	
Malin Head ...	29.94	61	56	nmw	2	o	0	London ...	29.90	57	55	W	2	og	*	
Mullaghmore ...	29.95	60	55	nmw	1	om	1	Yarmouth ...	29.84	55	53	nmw	4	o	4	
Belmullet ...	29.96	63	57	msw	2	c	*	Rochefort ...	29.95	68	64	msw	5	G	*	
Holyhead ...	29.95	57	54	nmw	3	c	2									

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

Continental Information not yet received

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 16th July, 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Haparanda ...	29.88	56	2	0	b	29.85	-0.07	63	57	+10	NE	2	0	+	6	50	-			
	Hernösand ...	29.89	58	E	2	c	29.76	-0.15	62	55	+5	ENE	2	0	+	6	48	-			
	Stockholm ...	29.63	55	NE	2	c	29.54	-0.23	57	57	-3	N	4	0	+	6	48	0.43			
	Wisby ...	29.56	55	ENE	4	f	29.49	-0.13	58	56	+3	NNE	4	0	+	6	52	1.10			
	Bodö ...	29.95	51	2	0	c	29.90	+0.01	50	47	-1	NW	2	0	+	6	46	-			
	Christiansund...	29.90	51	NE	6	f	29.86	-0.06	50	47	-4	NE	4	0	+	6	48	-			
	Skudesnaes ...	29.85	50	NW	1	c	29.75	-0.04	57	54	-1	NW	2	0	+	6	48	-			
	Christiania Fjord (Farder)	29.76	66	NW	3	b	29.73	-0.09	63	54	+3	N	3	0	+	6	60	-			
	Skagen (The Seaw)	29.76	61	NW	2	b	29.71	-0.08	61	59	+10	NW	4	0	+	6	58	-			
	Fanö ...	29.87	55	NW	4	c	29.84	+0.08	55	51	-4	NW	4	0	+	6	54	-			
BRITISH ISLANDS.	Sumburgh Head	29.98	50	NNE	3	o	29.94	-0.02	48	47	-3	NNE	2	0	+	6	45	-			
	Stornoway ...	30.06	53	E	4	bc	30.04	-0.02	48	48	-2	NE	5	0	+	6	43	0.02			
	Wick ...	30.04	49	NW	3	o	29.97	-0.06	48	46	-4	NW	3	0	+	6	45	0.02			
	Nairn ...	30.01	55	2	0	c	29.98	-0.04	49	49	-1	NNE	1	0	+	6	46	0.01			
	Aberdeen ...	30.02	51	NW	2	c	29.96	-0.07	50	48	+1	NW	2	0	+	6	45	-			
	Leith ...	30.01	56	NE	1	c	29.98	-0.04	54	49	+1	E	2	0	+	6	48	-			
	Shields ...	30.02	53	NE	2	o	29.95	-0.08	53	50	+2	N	2	0	+	6	48	-			
	Spurn Head ...	30.00	53	E	3	op	29.90	-0.12	51	50	-2	ENE	4	0	+	6	50	0.18			
	York ...	30.02	56	ESE	1	o	29.93	-0.11	51	50	-3	E	1	0	+	6	50	0.15			
	Loughborough	29.98	60	SE	2	c	29.89	-0.16	56	55	+3	ESE	1	0	+	6	53	-			
GERMANY & HOLLAND.	Ardrossan ...	29.97	58	ENE	2	o	29.93	-0.06	57	51	+3	ENE	3	0	+	6	47	-			
	Malin Head ...	29.94	56	ENE	3	b	29.93	-0.03	55	52	-1	ENE	4	0	+	6	52	-			
	Mullaghmore ...	29.90	62	ENE	4	c	29.89	-0.06	56	53	-3	ENE	5	0	+	6	53	-			
	Belmullet ...	29.90	61	NE	4	b	29.88	-0.06	58	55	-1	E	3	0	+	6	52	-			
	Donaghadee ...	29.95	56	NE	2	m	29.93	-0.06	55	52	-1	ENE	4	0	+	6	54	-			
	Liverpool (Bldston)	29.92	61	E	3	c	29.86	-0.13	52	51	-3	ENE	4	0	+	6	51	0.60			
	Holyhead ...	29.93	59	NW	1	c	29.83	-0.14	54	54	-3	ENE	3	0	+	6	53	0.65			
	Parsonstown ...	29.83	61	2	0	r	29.81	-0.13	55	54	-4	NE	1	0	+	6	53	0.59			
	Valencia ...	29.75	62	ENE	4	rgm	29.73	-0.14	65	62	+5	NE	2	0	+	6	57	0.27			
	Roche's Point	29.81	59	ESE	5	r	29.74	-0.19	60	60	+1	ESE	3	0	+	6	58	1.05			
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.91	58	ESE	2	o	29.78	-0.19	58	57	+4	ESE	2	0	+	6	54	0.05			
	Scilly ...	29.85	60	ESE	4	m	29.66	-0.29	60	60	0	ESE	5	0	+	6	58	0.12			
	Prawle Point ...	29.94	58	SE	1	o	29.75	-0.26	59	58	+1	ENE	2	0	+	6	56	0.08			
	Jersey (St. Aubin's)	29.96	67	ESE	3	bcm	29.77	-0.29	64	60	+1	SE	3	0	+	6	58	-			
	Hurst Castle ...	29.99	61	SSW	2	c	29.82	-0.22	62	60	+3	E	1	0	+	6	58	0.01			
	Dungeness ...	30.01	58	S	1	bc	29.87	-0.17	60	59	+4	SE	2	0	+	6	55	0.01			
	North Foreland	30.01	56	SE	2	o	29.86	-0.16	59	57	+4	SE	3	0	+	6	54	-			
	London ...	29.99	63	S	2	bc	29.85	-0.21	63	60	+7	E	2	0	+	6	53	-			
	Oxford ...	29.96	60	S	1	o	29.85	-0.19	57	55	+3	SE	1	0	+	6	52	-			
	Cambridge ...	30.01	56	NE	1	o	29.86	-0.20	61	59	+6	SSW	1	0	+	6	57	0.21			
PENINSULA.	Yarmouth ...	30.02	58	ENE	2	bc	29.91	-0.10	56	54	+1	SE	2	0	+	6	54	-			
	Cuxhaven ...	29.95	58	N	2	o	29.95	+0.13	57	55	-2	NW	2	0	+	6	53	-			
	Berlin ...	29.84	63	NW	4	bc	29.91	+0.16	57	52	-1	N	4	0	+	6	54	-			
	Wiesbaden ...	30.00	57	W	6	bc	30.00	+0.07	58	55	-2	2	0	+	6	50	-				
	Munich ...	30.06	57	W	6	bc	30.01	+0.01	56	55	+1	NE	3	0	+	6	48	0.28			
	The Helder ...	30.04	55	NW	2	c	29.99	-0.01	56	52	+1	W	1	0	+	6	54	-			
	Brussels (9 a.m.)	30.00	53	NE	1	bc	29.95	-0.12	55	54	+1	ENE	2	0	+	6	52	-			
	Cape Gris Nez	30.03	66	S	2	b	29.93	-0.16	61	58	+4	ESE	2	0	+	6	51	-			
	Paris ...	30.03	61	S	2	r	29.93	-0.16	62	62	+3	SE	3	0	+	6	57	1.02			
	Brest ...	29.97	64	SSW	3	o	29.75	-0.29	62	61	+1	SE	3	0	+	6	59	-			

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 16th July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

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

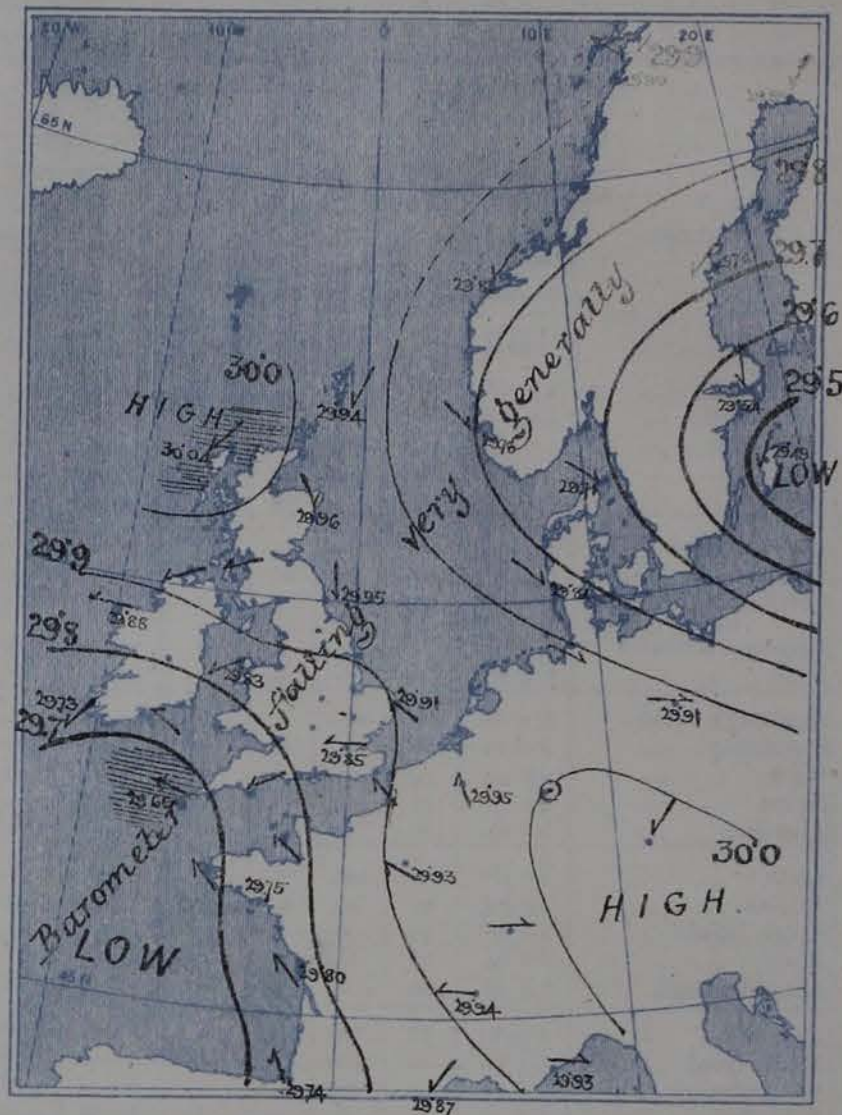
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

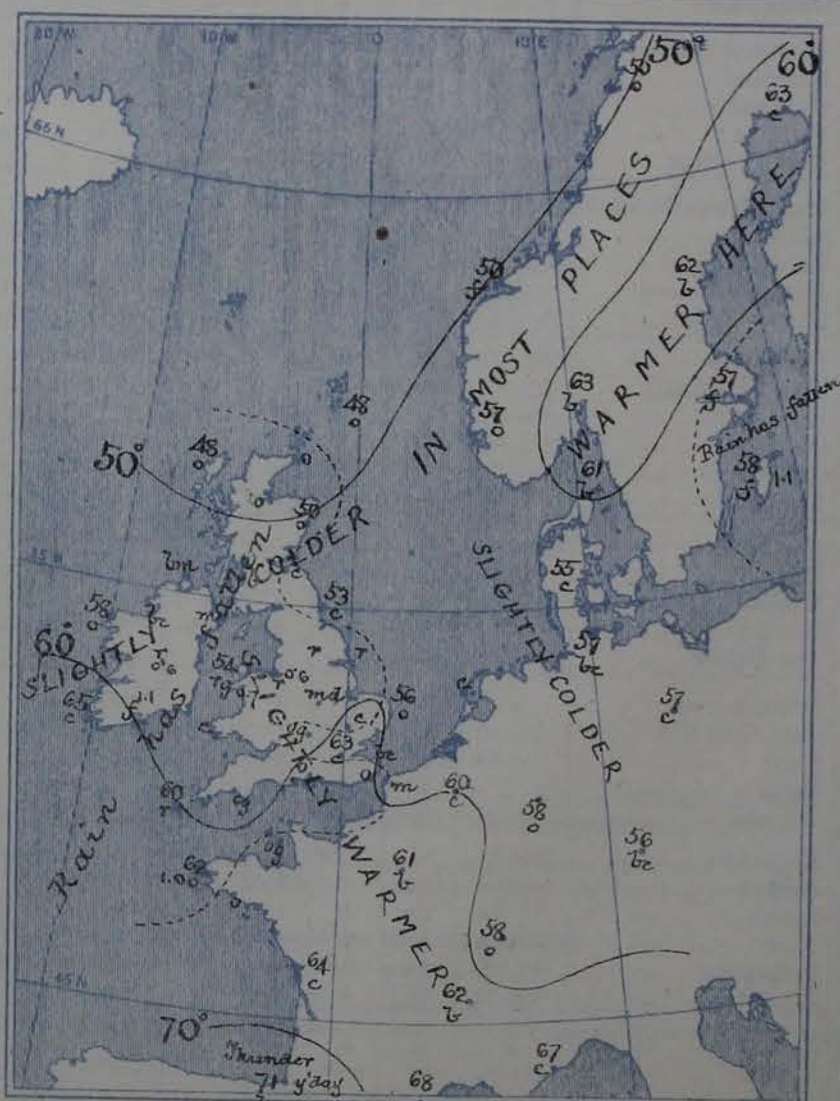
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	67.4	48.0	53.1	61.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.69
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.01
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	55.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.8	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.96
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30.0 in. to 29.8 in. over Spain; (2) 30.0 in. and more over the northwest of Scotland.
 Lowest, (1) 29.5 in. and less to 29.6 in. over the British and the southeast of Sweden; (2) 29.7 in. and less in a complex depression over the Bay of Biscay and off our southwest coast.
 Gradients slight over Scotland, the North Sea, and Germany; moderate elsewhere.
 Barometer falling generally - most in the south.

TEMPERATURE

Highest, 71° at Biarritz, 60° and more over the greater part of France, the south and southeast of our Islands, and the northern half of Sweden.
 Lowest, 48° at Edinburgh H^d. and Stromsøy, 50° at Aberdeen, 51° at Ford and Spinn H^d.
 The maxima recorded yesterday were below 70° in all parts of our Islands, and below 60° at our northern and northeastern stations.

WIND

(1) NE^s over the northern half of Scandinavia, NW^s in Denmark, and W^s over North Germany.
 (2) SE^s over France and England, E^s to NE^s in Ireland, NW^s at Lisbon.
 (3) Very light and variable over South Germany and the southeast of France.

WEATHER

Cloudy or overcast in most places, with fog locally, and rain in several parts of Ireland and England.
 Rainfall has been heavy at least, at several of our northwestern and western stations, and also at Killybegs. Thunder has occurred at Biarritz.

SEA

Rather rough at Seilly and Stromsøy, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest seems to be now moving eastwards towards France, and together with a secondary disturbance over England seems likely to cause rainy, thundery weather in the east and south shortly.

FORECASTS

For the 24 hours ending at NOON on 17th JULY, 1892.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Varying light winds; dull, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Varying E ^z winds; unsettled, rainy, some thunder.
3	ENGLAND EAST	Same as N° 5
4	MIDLAND COUNTIES	Same as N° 2
5	ENGLAND SOUTH	SE ^z winds; cloudy and close, rainy and thundery later.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	E ^z winds; cloudy, changeable, rain at times.
7	ENGLAND N.W.	
8	ENGLAND S.W.	E ^z and NE ^z winds; cloudy, rain at times.
9	IRELAND NORTH	NE ^z winds; cloudy, unsettled, becoming colder.
10	IRELAND SOUTH	

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.86	60	53	WNW	2	0	2	Valencia ...	29.82	64	61	E	5	o.g.m.	4
Sumburgh Head ...	29.98	50	48	NNE	3	0	4	Scilly ...	29.90	62	61	SSE	4	0	3
Stornoway ...	30.07	53	52	E	4	0	4	Jersey ...	30.04	66	61	ESE	2	6	2
Aberdeen ...	30.03	53	48	W	2	cpd	2	Hurst Castle ...	30.04	66	63	SW	3	4	1
Shields ...	30.03	53	49	E	2	0	3	Dungeness ...	30.05	57	55	S	1	7	1
Ardrossan ...	29.99	63	60	ESE	2	0	1	North Foreland ...	30.04	59	55	N	2	0	2
Malin Head ...	29.96	59	57	ESE	3	bc	1	London ...	30.04	59	55	E	1	0	*
Mullaghmore ...	29.93	64	58	NNE	2	cm	1	Yarmouth ...	30.04	59	54	NNE	3	c	3
Belmullet ...	29.93	64	59	NE	3	0	4	Rochefort ...	30.05	76	73	WNW	3	b	*
Holyhead ...	29.96	60	57	WNW	1	c	1								

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

Weather cloudy or overcast in most parts of western and central Europe, with rain at Valencia Island and Biscaya. Fine and bright over Spain, Italy, and Algeria, as well as at most of the Scandinavian, Danish, and Russian stations, but dull over the Baltic, with rain at Riga. Heavy rain falling later in the west of our Islands and the northwest of France, the largest amounts being 1.1 in. at Pater Point, 1.0 in. at Brest, 0.7 in. at Holyhead; showers occurring in the north of Scotland.

Temperature highest 83° at Brindisi, 82° at La Cote, 80° at Constantinople, and 77° at Cagliari, Algiers, and Malta, above 70° over Italy, the Adriatic and Mediterranean generally, and above 65° over Central Russia. Lowest 49° at Aberdeen, 50° at Stornoway and Narvik, and 51° at Rostock, Sumburgh Head and Shields; below 55° in all the more northern parts of Great Britain and also over the northern parts of Russia and Scandinavia. Daily maxima over our Islands higher than on the previous day, but thermometer exceeding 65° at the south coast stations only, and remaining below 60° in the northern and north-eastern districts.

Winds light to moderate from the Snd or SEnd on the west coasts of our Islands and France. Light from the NWnd over the North Sea and adjacent coasts, with the Netherlands and North Germany, moderate from the Wnd over Eastern and Southern Germany, SWnd in Poland; End over Finland and the south of Sweden. Light and variable over Spain, Italy, and Algeria, but NWnd over the central parts of the Mediterranean. No important change occurring during day.

Barometer highest 30.00 in. to 30.15 in. in a large anticyclone lying over France, Spain, and the western parts of the Mediterranean, and extending northwards in the form of a ridge over the eastern and northern parts of Great Britain. Lowest 29.5 in. and less, in a well marked depression lying over the Baltic Provinces; 29.9 in. and less, in a shallow system lying off the southwest of Ireland. Latter disturbance subsequently spreading eastwards; secondary depressions appearing over the Bay of Biscay and the north of Spain.

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. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 17th July 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
Ins.		°				Ins.	°	°	°								°	ins.		
SCANDINAVIA.	Haparanda ...	29.65	59	NE	4	?	29.52	- .33	59	57	- 4	S	4	0	#	r	77	46	0.43	
	Hernösand ...	29.58	59	NE	4	r	29.43	- .33	59	59	- 3	2	0	r	#	r	70	46	0.39	
	Stockholm ...	29.51	58	WNW	2	0	29.54	+.00	62	59	+ 5	SW	2	0	#	0	63	45	0.16	
	Wisby ...	29.56	56	SW	4	0	29.65	+ .16	56	54	- 2	W	4	6	#	0	63	52	0.04	
	Bodö ...	29.78	50	N	2	6	29.65	- .25	51	48	+ 1	W	2	0	1	6	54	45	-	
	Christiansund...	29.78	50	NE	3	f	29.73	- .13	49	47	- 1	NNE	3	f	2	f	55	46	-	
	Skudesnaes ...	29.71	54	NNW	5	c	29.62	- .16	50	46	- 7	NW	7	0	2	c	59	48	-	
	Christiania Fjord (Fjord)	29.65	64	Z	0	0	29.55	- .18	59	57	- 4	SSE	4	r	2	0	73	54	0.71	
	Skagen (The Seaw)	29.67	55	W	3	0	29.58	- .13	57	56	- 4	WSW	4	0	2	0	74	52	-	
	Fanö ...	29.79	54	WNW	4	c	29.76	- .08	56	52	+ 1	W	4	6c	#	c	59	54	-	
BRITISH ISLANDS.	Sumburgh Head	29.92	49	N	2	0	29.87	- .07	47	46	- 1	N	3	c	3	0	52	44	0.01	
	Stornoway ...	30.01	53	E	4	0	29.97	- .07	51	50	+ 3	NE	4	0	4	0	54	43	0.01	
	Wick ...	29.98	48	NW	3	0	29.93	- .04	49	46	+ 1	N	3	0	2	0	51	46	0.05	
	Nairn ...	30.08	52	Z	0	0	29.93	- .05	53	50	+ 4	W	1	6c	1	0	53	47	-	
	Aberdeen ...	29.96	50	NNW	3	0	29.92	- .04	51	48	+ 1	NNW	3	c	4	0	53	47	0.02	
	Leith ...	29.94	54	E	4	0	29.93	- .05	52	47	- 2	NE	2	0	#	0	61	49	-	
	Shields ...	29.92	54	N	3	c	29.90	- .05	51	49	- 2	NNE	2	0	3	c,r	55	47	0.03	
	Spurn Head ...	29.86	51	NE	4	0	29.82	- .08	53	51	+ 2	NNE	4	c	3	r,0	53	49	0.25	
	York ...	29.90	53	ENE	1	0	29.88	- .05	53	50	+ 2	NNW	3	0	#	c	55	47	-	
	Loughborough	29.84	55	NE	2	r	29.84	- .05	52	50	- 4	NNE	3	0	#	r	57	49	0.81	
BRITISH ISLANDS.	Ardrossan ...	29.89	58	ENE	2	6	29.93	+.00	53	51	- 4	ENE	1	0	0	6	63	49	-	
	Malin Head ...	29.89	55	NNE	4	6	29.95	+ .02	54	51	- 1	NNE	3	0	2	6	57	52	-	
	Mullaghmore ...	29.88	59	NE	5	6	29.97	+ .08	54	51	- 2	Z	0	0	0	6	62	50	-	
	Belmullet ...	29.92	57	NNE	6	6	29.99	+ .11	54	50	- 4	NE	3	0	#	6	62	52	-	
	Donaghadee ...	29.88	57	NE	3	c	29.94	+ .01	53	49	- 2	NE	3	m	1	c	60	52	-	
	Liverpool (Bldston)	29.84	53	ENE	4	0	29.86	+.00	53	49	+ 1	ENE	3	0	3	0	56	50	0.14	
	Holyhead ...	29.80	55	ENE	4	c	29.86	+ .03	53	50	- 1	ENE	4	0	4	rmg,c	58	52	0.12	
	Parsonstown ...	29.82	59	SE	1	c	29.93	+ .12	55	50	- 0	NE	1	6c	#	6	62	45	-	
	Valencia ...	29.76	62	NE	5	c	29.91	+ .18	56	52	- 9	NE	5	6m	5	cm	69	51	-	
	Roche's Point	29.72	62	ENE	4	c	29.85	+ .11	56	52	- 4	NE	4	c	4	c	64	53	0.05	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.70	59	E	3	r	29.77	- .01	54	52	- 4	ENE	3	0	2	6l,r	67	52	0.60	
	Scilly ...	29.62	60	E	2	c	29.68	+ .02	60	59	- 0	NE	4	cp	2	arc	63	56	0.22	
	Prawle Point ...	29.70	55	ESE	2	f	29.70	- .05	59	58	- 0	NNE	1	0	2	fr	61	53	0.28	
	Jersey (St. Aubin's)	29.69	60	NE	2	0	29.71	- .06	62	60	- 2	NW	2	cm	2	og,t	67	56	0.53	
	Hurst Castle ...	29.73	64	S	1	m	29.70	- .12	58	57	- 4	ENE	2	rm	2	gm,r	69	57	0.58	
	Dungeness ...	29.74	63	E	3	m	29.68	- .19	59	59	- 1	E	3	r	3	m	68	58	0.09	
	North Foreland	29.74	62	ESE	3	6c	29.68	- .18	58	56	- 1	NE	5	rgg	4	6c,mg	64	56	0.04	
	London ...	29.74	68	SE	1	c	29.75	- .10	55	63	- 8	NE	2	rg	#	op	70	54	0.03	
	Oxford ...	29.75	59	NE	2	0	29.78	- .07	60	49	- 7	NE	3	r	#	og,r	65	50	0.33	
	Cambridge ...	29.79	58	NE	1	r	29.79	- .07	52	51	- 9	NE	2	r	#	rt	68	49	0.77	
Yarmouth ...	29.81	56	ENE	4	r	29.76	- .15	53	52	- 3	NE	4	r	5	cpr	60	52	0.56		
GERMANY & HOLLAND.	Cuxhaven ...	29.91	55	WNW	2	6	29.82	- .13	54	52	- 3	S	1	0	#	6	59	52	-	
	Berlin ...	29.69	58	WNW	1	c	29.63	- .28	60	53	+ 3	SE	1	6	#	c	63	54	-	
	Wiesbaden ...	*	*	*	*	*	29.72	- .28	60	56	+ 2	NW	1	0	#	#	68	55	-	
	Munich ...	29.90	61	NE	3	6	29.83	- .18	60	57	+ 4	W	3	0	#	6	?	52	-	
	The Helder ...	29.88	58	ENE	3	0	29.78	- .21	58	55	+ 2	NE	5	0	3	0	61	55	-	
FRANCE AND BELGIUM.	Brussels (o a.m.)	*	*	*	*	*	29.67	+ .28	57	57	- 3	NE	1	r	#	6	73	55	0.28	
	Cape Gris Nez	29.77	69	ESE	1	c	29.71	- .18	58	57	+ 3	E	1	r	1	c	73	57	0.08	
	Paris ...	29.75	71	ESE	2	6c	29.71	- .22	61	59	- 0	SW	2	0	#	6c	74	57	0.28	
	Brest ...	?	62	S	2	c	?	?	58	57	- 4	SW	1	6	1	c	66	55	0.39	
	Lorient ...	29.68	65	WSW	3	6c	29.71	- .04	59	58	- 3	E	2	c	3	6c	68	57	0.26	
FRANCE AND BELGIUM.	Rochefort ...	29.75	69	W	4	6c	29.76	- .04	61	60	- 3	WSW	4	r	#	6c	73	59	0.04	
	Belfort ...	64	W	3	6c	?	?	60	51	+ 2	W	3	r	#	6c	71	48	-		
	Lyons ...	29.78	68	W	1	0	29.80	- .14	60	60	- 2	SW	1	r	#	6r	83	50	0.79	
	Nice ...	29.91	66	SW	1	0	29.86	- .07	70	64	+ 3	E	1	6c	0	0	77	63	-	
	Perpignan ...	29.67	81	S	6	0	29.75	- .12	72	66	+ 4	W	1	6c	#	0	91	62	-	
Biarritz ...	29.82	67	NW	2	0	29.78	+ .04	64	62	- 7	ESE	2	0	1	0	73	61	0.16		
PENIN- SULA.	Corunna ...	*	*	*	*	*	29.73	- .19	64	59	- 3	WNW	4	6c	3	#	70	57	0.20	
	Lisbon ...	29.94	66	WSW	5	c	30.00	+.00	65	63	- 2	NNW	3	c	#	c	73	63	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Sunday, 17th July 1892.

BAROMETER, WIND AND SEA.

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

Changes since previous morning are stated in words.

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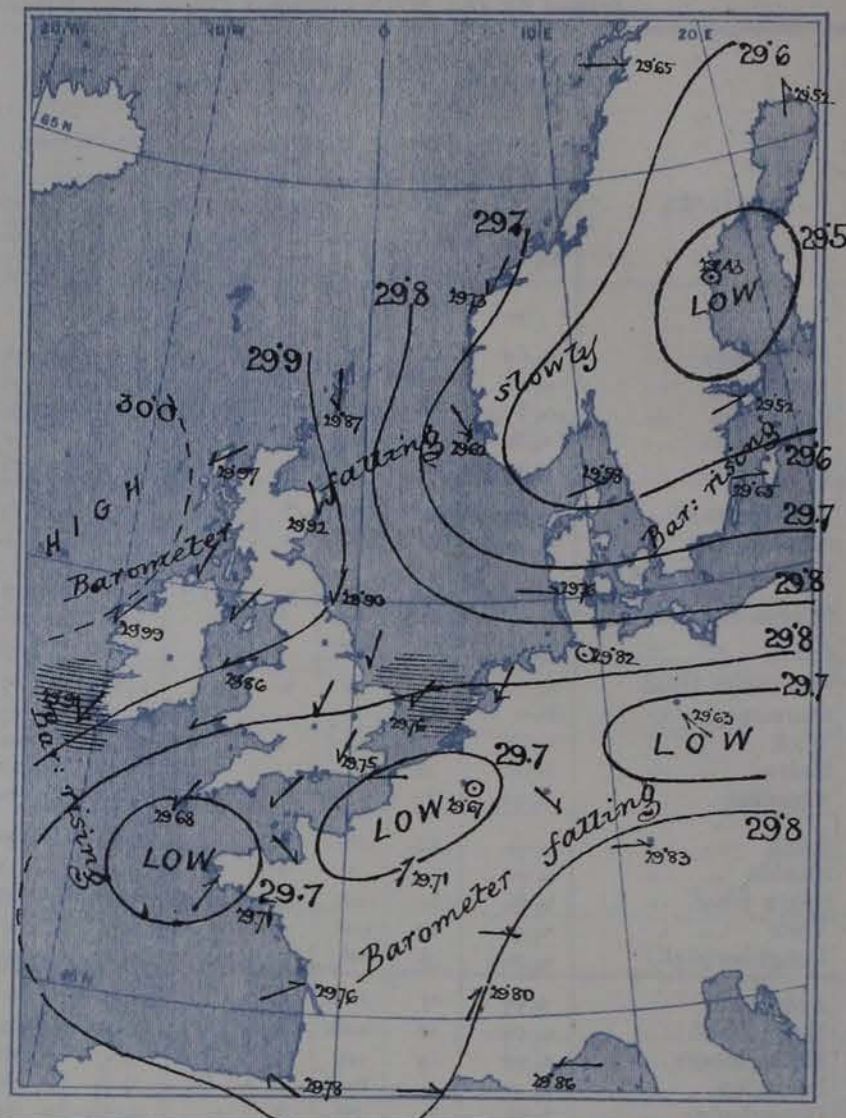
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
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Spurn Head	29.900
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Ardrossan	29.858
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.936
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
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Jersey	30.001
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TEMPERATURE, & WEATHER AT 8 A.M., WITH RAINFALL IN PAST 24 HOURS.

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	57.4	48.0	53.1	61.5	2.27
Stornoway	60.2	48.9	55.5	53.5	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	61.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.0	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	68.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30.0 in. to 29.8 in. over Spain; (2) 29.9 in. and more over Scotland and the northwestern half of Ireland.
 Lowest, (1) 29.5 in. and less, in a depression over Sweden and Norway; (2) 29.7 in. and less, in three others lying over or near the southwestern or southern part of our islands and over North Germany.
 Gradients moderate over Norway and Denmark and off our southern coasts.
 Barometer rising in Ireland, falling elsewhere, most over Germany, the southeast of our islands and the northeast of France.

TEMPERATURE

Highest, 72° at Perpignan, 70° at Nice, 61° at Paris, 60° at Kelly and Wiesbaden.
 Lowest, 47° at Lumburg H^{ts}, 49° at Thiel and Christiansund, 50° at Oxford, 51° at Aberdeen and Shields.
 Below 60° all over our islands, and very low for the time of year.

WIND

(1) Moderate NE³ over the British Islands, light in the Channel; light and very variable from the W² over France.
 (2) N¹ to NW¹ in the west and south of Norway - strong in places; W³ over the Baltic, S² over Finland.

WEATHER

Fair as a whole over Scotland and Ireland; dull and gloomy over England, with steady rain over the southern and south midland counties, and also in many parts both of France and Scandinavia.
 Rainfall very considerable over the southwestern, southern, and midland counties during the past twenty-four hours; thunder at Pembroke, Jersey, and Cambridge.

SEA

Rather rough at Yarmouth, moderate on our western coasts and at Stornoway, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 18th July 1892.

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.

WARNINGS

None issued

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.74	59	55	WNW	4	c	2	Valencia ...	29.73	68	63	NE	5	c	5
Sumburgh Head ...	29.94	49	48	NNE	2	o	3	Scilly ...	29.66	61	59	S	4	or	5
Stornoway ...	30.04	54	53	E	4	o	4	Jersey ...	29.73	61	60	SW	3	r	3
Aberdeen ...	29.96	51	48	WN	4	og	4	Hurst Castle ...	29.75	67	60	SSE	1	og	2
Shields ...	29.93	54	50	NE	3	c	2	Dungeness ...	29.80	66	64	ESE	3	m	2
Ardrossan ...	29.99	62	54	WNW	2	b	1	North Foreland ...	29.78	64	60	SE	3	c	3
Malin Head ...	29.94	57	52	NNE	4	b	2	London ...	29.78	70	62	ESE	1	o	*
Mullaghmore ...	29.89	62	56	NNE	5	b	4	Yarmouth ...	29.86	60	56	E	4	c	4
Belmullet ...	29.92	60	56	NE	6	b	*	Rochefort ...	?	67	65	?	4	o	*
Holyhead ...	29.82	56	55	ENE	4	rmg	4								

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

Weather dull over the greater part of our Islands and also in the west of Norway, with rain over Central Ireland and the west and north of England. Foggy and rainy over the Baltic, but fine and bright in most parts of central and southern Europe. Heavy rain falling later at many of the French stations, with thunder at Lyons as well as at Hambro and Jersey.

Temperature highest 85° at Palma, 83° at Brindisi, 79° at Barcelona, Algiers, and La Palme, and 77° at Palermo, above 70° at most of the Mediterranean and Adriatic stations as well as in the south of Russia. Lowest 48° at Sumburgh H., Stornoway, and Vichy, 49° at Nain, and 50° at Bodø, Christianund and Aberdeen; below 55° in all the more northern parts of the United Kingdom. Rising during day to between 65° and 70° in the south of England, and to between 70° and 80° at most of the French stations. Exceeding 80° over the greater part of southern Europe, and reaching 91° at Perpignan.

Wind light or moderate from the SE^W over France and the southeast of England, and from the E^W in the western parts of the United Kingdom. Light from the N^W in the north and east of Scotland; moderate from NW. on the eastern shores of the North Sea and from W. in Germany. Well marked cyclonic circulation shown over Sweden and northern Russia. Light and variable breezes over Southern Europe and the Mediterranean. Subsequently shifting to the W^W in the west of France; no important change occurring elsewhere.

Barometer highest 30.0 in: and upwards in three separate areas, — one lying over the extreme northwest of our Islands, another over South Germany and a third off the southwest of Spain. Lowest 29.5 in: and less, in a depression lying over the northern part of the Baltic; 29.7 in: and less, in another system lying over the Bay of Biscay. Baltic depression subsequently moving northwards and partially filling up; disturbances over Bay of Biscay spreading eastwards; shallow secondary disturbances appearing over various parts 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on *Monday 18th July.* 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Weather.	Max.	Min.
Ina.		°				Ina.	°	°	°							°	Ina.				
SCANDINAVIA.	Haparanda ...	29.54	53	SW	4	0	29.60	+0.06	53	54	-4	SW	4	0	#	0	63	54	—		
	Hernösand ...	29.51	53	SE	2	f	29.61	+0.10	53	52	-2	SW	2	0	#	0	63	53	—		
	Stockholm ...	29.63	56	S	2	f	29.69	+0.06	62	53	+1	S	2	0	#	0	63	54	—		
	Wisby ...	29.71	56	SSW	4	bc	29.72	+0.01	54	53	-2	S	4	0	#	0	64	52	—		
	Bodö ...	29.67	48	NNW	4	0	29.67	+0.02	51	48	0	N	4	0	2	0	52	45	—		
	Christiansund ...	29.72	50	NE	4	f	29.71	-0.01	50	48	+1	NE	4	0	2	0	52	46	—		
	Skudesnaes ...	29.62	52	NW	5	f	29.61	-0.01	53	51	+2	NW	6	0	2	0	54	50	—		
	Christiania Fjord (Færder)	29.54	53	SE	4	0	29.58	+0.04	53	53	-1	S	4	0	3	0	63	53	0.03		
	Skagen (The Scaw)	29.60	53	WSW	3	0	29.61	-0.01	56	51	-1	SW	3	0	2	0	63	53	—		
	Fanö ...	29.68	53	N	2	c	29.75	-0.07	54	53	-2	NNW	1	0	#	0	63	52	—		
BRITISH ISLANDS.	Sumburgh Head	29.85	48	NNW	3	0	29.85	-0.02	48	46	+1	N	2	0	3	0	53	48	—		
	Stornoway ...	29.88	53	NE	2	0	29.91	-0.03	53	53	-1	2	0	0	3	0	53	48	0.02		
	Wick ...	29.93	49	N	3	0	29.90	-0.03	48	46	-1	N	4	0	2	0	52	48	0.05		
	Nairn ...	29.95	52	NE	3	c	29.92	-0.03	50	47	-3	NNW	2	0	1	c	53	48	0.02		
	Aberdeen ...	29.93	51	NNW	3	c	29.92	0.00	49	45	-2	NNW	2	0	3	c	54	44	0.01		
	Leith ...	29.93	53	E	3	bc	29.91	-0.02	52	49	0	SW	1	0	#	bc	61	48	—		
	Shields ...	29.92	52	N	3	0	29.92	+0.02	51	48	0	NNW	1	0	2	0	53	44	—		
	Spurn Head ...	29.88	52	N	5	0	29.93	+0.05	53	49	0	NW	3	0	3	0	56	48	—		
	York ...	29.91	54	N	1	0	29.94	+0.03	52	47	-1	W	1	0	#	0	56	44	—		
	Loughborough	29.89	53	N	2	0	29.98	+0.09	53	47	+2	2	0	cw	#	0	60	42	—		
GERMANY & HOLLAND.	Ardrossan ...	29.92	57	WSW	1	f	29.92	-0.01	54	51	+1	N	2	0	1	f	57	53	—		
	Malin Head ...	29.99	54	N	3	0	29.93	-0.06	51	49	-3	NW	4	0	2	0	57	51	—		
	Mullaghmore ...	29.99	53	NNW	4	ov	30.01	+0.02	52	51	-2	NNW	2	0	2	ov	50	50	0.05		
	Belmullet ...	29.04	53	NE	2	c	30.06	+0.02	53	52	-1	N	2	0	#	0	58	50	—		
	Donaghadee ...	29.95	53	NNE	2	bc	29.99	+0.04	52	50	-1	NW	3	0	1	bc	60	52	—		
	Liverpool (Bidston)	29.92	53	NNE	2	0	29.97	+0.05	54	51	+1	N	2	0	3	0	58	51	—		
	Holyhead ...	29.92	50	NNE	3	bc	29.93	+0.01	53	50	0	NW	3	0	2	c, bc	57	52	—		
	Parsonstown ...	29.96	53	2	0	0	30.04	+0.08	52	50	-3	2	0	0	0	0	61	49	—		
	Valencia ...	29.02	53	N	4	om	30.11	+0.09	53	52	-3	NW	3	0	3	om	63	53	—		
	Roche's Point	29.95	61	NE	3	c	30.07	+0.12	53	52	-1	NNW	3	0	3	c	62	52	—		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.85	56	NNE	2	c	30.00	+0.15	53	51	-1	N	1	0	1	c	58	53	—		
	Scilly ...	29.83	53	NE	4	c	30.01	+0.18	53	53	-2	NNE	4	0	2	c	63	54	—		
	Prawle Point ...	29.83	55	NE	3	0	30.01	+0.18	53	54	-4	E	1	0	0	0	59	52	0.07		
	Jersey (St. Aubin's)	29.77	65	N	3	c, mg	30.00	+0.23	57	53	-5	NE	2	0	2	mg	66	56	0.04		
	Hurst Castle ...	29.86	57	NE	3	0	30.01	+0.15	53	53	-3	NNE	1	0	0	0	59	51	0.05		
	Dungeness ...	29.77	56	NE	4	0	29.95	+0.18	54	51	-5	N	2	0	1	0	59	48	0.26		
	North Foreland	29.78	53	NE	4	T	29.93	+0.15	53	50	-3	N	2	0	2	0	58	51	0.10		
	London ...	29.84	54	NE	1	omdg	29.99	+0.15	53	49	-2	N	2	0	#	0	58	50	0.19		
	Oxford ...	29.90	53	NNE	1	0	29.93	+0.03	53	49	+5	NNE	1	0	#	0	56	49	0.11		
	Cambridge ...	29.80	56	N	1	0	29.93	+0.13	53	48	+1	NE	1	0	#	0	57	44	0.05		
PENINSULA.	Yarmouth ...	29.80	53	N	4	c	29.91	+0.11	53	48	0	NW	3	0	3	0	56	49	0.02		
	Cuxhaven ...	29.74	53	N	3	0	29.72	-0.02	53	54	+1	N	5	0	#	0	61	54	0.04		
	Berlin ...	29.69	62	NNE	1	T	29.64	-0.05	53	56	-2	N	4	0	#	0	62	57	0.10		
	Wiesbaden ...	29.78	57	SW	2	0	29.78	+0.00	57	53	-4	N	2	0	#	0	70	52	0.01		
	Munich ...	29.82	57	SW	2	0	29.81	-0.01	54	54	-6	W	4	0	#	0	66	54	0.03		
	The Helder ...	29.79	55	N	4	c	29.87	+0.08	53	49	-4	NNW	5	0	#	0	59	52	—		
	Brussels (S. a. n.)	29.77	64	NW	3	c	29.98	+0.21	56	55	-3	NE	1	0	2	c	70	54	—		
	Cape Gris Nez	29.77	56	NNE	5	0	29.91	+0.14	53	50	-3	N	4	0	4	0	58	53	0.23		
	Paris ...	29.73	66	NNW	2	0	29.94	+0.21	56	53	-3	N	2	0	#	0	75	53	—		
	Brest ...	29.73	63	NNW	3	bc	29.94	+0.21	56	57	0	E	2	0	2	bc	68	54	—		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Monday, 18th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

WIND—Arrows shew the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus—

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

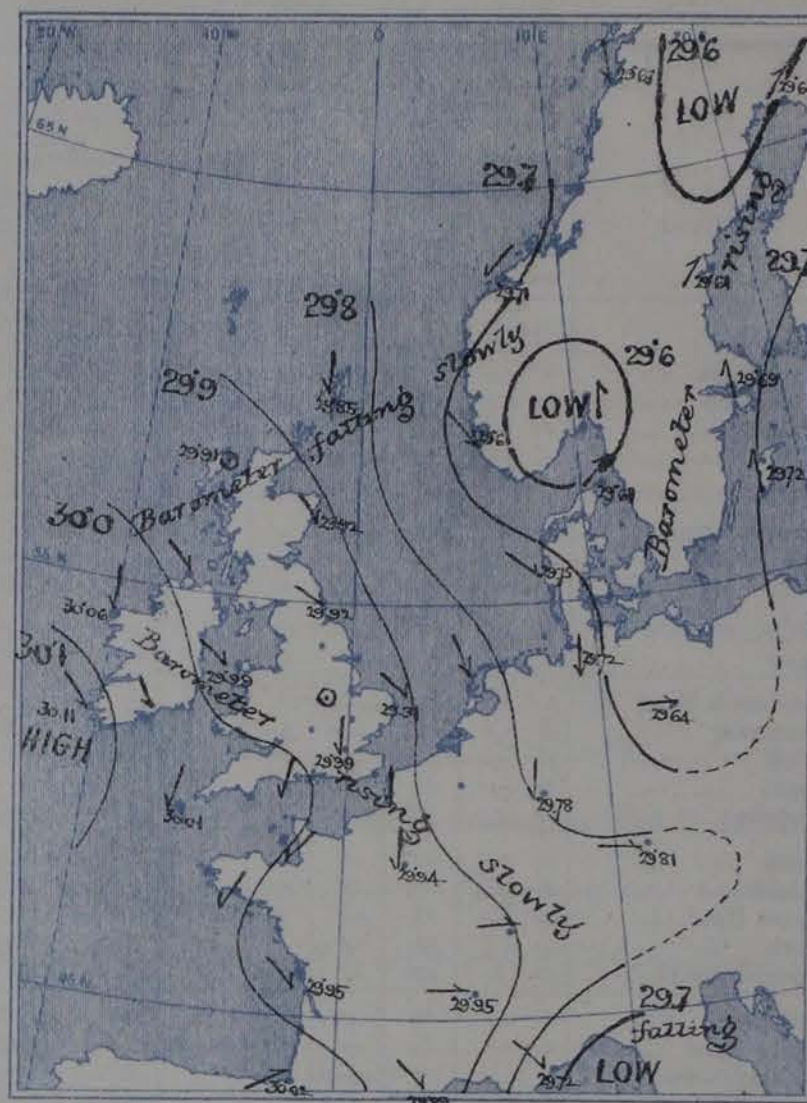
SEA DISTURBANCE—Where considerable, is shewn thus:

≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.816
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.936
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.6	2.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.86
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	2.72
Donaghadee	63.2	51.8	57.4	55.6	2.82
Holyhead	63.8	51.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	56.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.6	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	69.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.0	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.2	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and more to 30.0 in: over Ireland, the southwest of England, the Bay of Biscay and Spain.
Lowest, 29.6 in: and less to 29.7 in: over Scandinavia and Denmark, and below 29.7 in: over the Gulf of Genoa.

Gradients slight but irregular—mainly favourable for N.W. winds.

Barometer rising over Ireland, England, and the North Sea, falling in Scotland.

TEMPERATURE

Highest, 68° to 69° in the south of France, 67° at Lisbon, 62° at Rochefort.

Lowest, 48° at Lumburgh, 45° at Aberdeen, 51° at Melin, 44° at Shields and Bock. It is below 60° in all parts of our Islands.

The maxima recorded yesterday were below 60° over the greater part of our northern and eastern districts.

WIND

Mainly N.W. to N. over the British Islands and North Sea, and light to moderate in force; variable, N. to N.W. over France; W. at Berlin, S. to S.W. on the Swedish coast.

The N.E. winds prevalent over our southern districts yesterday, has given way.

WEATHER

Cloudy and somewhat changeable over the British Islands, but with bright intervals in places; fine over the greater part of France, but very rainy over the southern Departments.

Slight showers fell in the north of Scotland yesterday, steady rain over the south of England and north of France; and a great deal of rain has fallen over the southern parts of France (1.2 in: at Nice).

SEA

Moderate at Cape Fin Neg, slight to very smooth, slight to smooth on other parts of the French and our own coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the disturbances of yesterday have passed away and the weather is clearing up, there are shallow local depressions in various parts of the Kingdom, and the barometer is falling rather decidedly at Portsmouth. Settled weather is, therefore, improbable at present.

FORECASTS

For the 24 hours ending at NOON on 19th July, 1892.

DISTRICTS.

FORECASTS.

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

N.W. and W. winds; fine to showery.

Same as No. 5.

Wind backing to the W. 2; finer and warmer than of late; not settled.

DISTRICTS.

FORECASTS.

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

Same as No. 0 and 1.

N.W. and W. winds; changeable, some showers, bright intervals.

WARNING'S

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.62	53	49	NW	7	0	3	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.98	53	52	NE	4	0	4	Jersey ...	29.74	66	61	NNW	3	bc	3
Aberdeen ...								Hurst Castle							
Shields ...								Dungeness ...	29.74	58	58	ENE	3	T	2
Ardrossan ...								North Foreland ...	29.76	56	53	NE	4	0	3
Malin Head	29.97	53	50	N	3	0	2	London ...							*
Mullaghmore								Yarmouth ...							
Belmullet ...	30.04	56	53	ENE	2	0	*	Rochefort ...	29.78	64	60	W	4	c	*
Holyhead ...	29.81	56	52	NE	4	c	4								

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

Weather dull in most parts of western and northern Europe, with steady rain in the south and east of England, as well as over Belgium, the central parts of France and at one or two of the Scandinavian Stations. Fine and bright over the central and southern countries of Europe generally, and also in the south of Ireland. Some improvement taking place over the south of England towards night but heavy rain falling in some parts of France, with a thunderstorm at Lyons.

Temperature highest 82° at Algiers, 81° at Barcelona, 80° at La Calle, and 77° at Constantinople and Oran, above 70° at most of the Adriatic and Mediterranean Stations, above 65° over central and southern Russia, and above 60° in Finland. Lowest 47° at Sumburgh Head, 49° at Christiansund and Wick, and 50° at Skudesnaes, Pembroke and Oxford, below 55° in all but the extreme southern and southwestern parts of the United Kingdom. Daily maxima over our Islands very low for the time of year, thermometer remaining below 60° in most places and not exceeding 55° in London. Rising to 70° or more over the southern parts of France and reaching 84° at Perpignan.

Wind light to moderate from the NE^W over the greater part of the United Kingdom, but N^W in the north and east of Scotland. Moderate to strong from the W^W or NW^W on the eastern shores of the North Sea, light from the S^W over Finland and the Baltic provinces. Light SW^W at the central French Stations, but variable over central and southern Europe generally. No important change occurring during day.

Barometer highest 30.0 ins. and upwards in an anticyclone lying off the southwest of Spain and also in another system lying to the northwest of the United Kingdom. Lowest 29.5 ins. and less in a depression over central Sweden; 29.7 ins. and less in three other systems, - one lying off the mouth of the Channel, another over Belgium, the southeast of England and the NE. of France and the third over central Germany. Depressions gradually dispersing during day and barometer rising in most parts of W. Europe.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 10TH TO 16TH JULY 1892.

During this week the distribution of pressure has been of complex character, readings having been high both to the northward and southward of the United Kingdom, while depressions have passed between the two, over our southern districts and the north of France causing cold wet weather and in some places thunder.

The first depression appeared off our western coasts early on Monday morning (12th) and moving south-eastwards reached the south of England and north of France on Tuesday, being joined during its progress by secondary systems developed over France. On Wednesday (14th) it had reached the Netherlands and Denmark and had almost become filled up, but on reaching the Baltic it again grew deep, and had not quite passed out of our neighbourhood at the close of the week.

The second also was a complex system, appearing over the Bay of Biscay and off our southwestern coasts early on Saturday and spreading over our southern districts and France later in the day.

At the close of the week this system was moving eastwards over the north of France, and was apparently being joined by other disturbances developed over France and Germany. Rainfall was heavy in the southwest, and general over all the southern districts, and the NE^W winds as they set in over England were bringing very cold weather for the time of year.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for Sailing on Tuesday 19th July 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 5).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirce.	Force (0 to 12).		Max.	Min.	
		Ina.	°				Ina.	°	°	°							°	Ina.			
SCANDINAVIA.	Haparanda ...	29.78	54	S	2	bc	29.85	+25	58	56	+3	S	2	C	*	bc	59	53	—		
	Hernösand ...	29.79	56	S	4	C	29.79	+18	56	54	-1	ENE	2	C	*	C	63	50	—		
	Stockholm ...	29.75	55	SE	2	O	29.67	-02	55	53	-2	E	4	T	*	O	64	49	0.24		
	Wisby ...	29.69	55	SE	4	O	29.62	-10	55	56	+3	SPW	5	T	*	O	64	50	0.04		
	Bodö ...	29.72	50	N	1	O	29.84	+17	51	49	0	NNW	1	C	1	O	52	46	0.01		
	Christianund ...	29.76	51	NE	6	C	29.71	0.0	52	49	+2	NE	6	C	3	C	53	49	—		
	Skudesnaes ...	29.71	52	NW	6	O	29.69	+08	54	50	+1	NNW	4	O	2	O	59	50	—		
	Christiania Fjord (Færder)	29.70	58	SE	4	C	29.66	+08	57	53	-1	N	2	C	1	C	61	54	0.12		
	Skagen (The Scaw)	29.68	53	S	2	O	29.64	+03	58	55	+2	S	1	C	0	O	63	52	—		
	Fanö ...	29.83	53	N	4	O	29.78	+03	52	49	-2	N	4	O	*	O	61	50	—		
BRITISH ISLANDS.	Sumburgh Head	29.85	43	NNW	2	C	29.69	-18	44	45	0	ENE	2	O	3	C	52	42	—		
	Stornoway ...	29.89	56	N	4	O	29.49	-44	52	52	+2	N	7	T	6	T	57	46	0.75		
	Wick ...	29.90	52	S	2	C	29.52	-38	53	53	+5	S	2	T	2	T	57	46	0.58		
	Nairn ...	29.90	53	N	1	C	29.44	-46	53	53	+3	SW	1	T	1	C	57	47	0.46		
	Aberdeen ...	29.93	51	SE	2	C	29.53	-40	50	50	+1	SE	2	O	3	bc	57	49	0.43		
	Leith ...	29.92	57	E	2	C	29.53	-39	53	51	+1	S	5	T	*	C	61	51	0.29		
	Shields ...	29.95	58	ENE	3	C	29.75	-17	51	53	0	S	4	T	3	C	58	46	0.02		
	Spurn Head ...	29.94	58	SPW	3	om	29.84	-10	54	51	+1	SW	3	O	3	om	56	49	0.07		
	York ...	29.94	58	N	1	C	29.83	-11	53	51	+1	WSP	2	O	*	C	62	45	—		
	Loughborough	29.99	53	SE	1	O	29.93	-05	53	51	-2	WSP	3	O	*	O	59	45	0.07		
GERMANY & HOLLAND.	Ardrossan ...	29.95	53	N	3	C	29.58	-34	54	54	0	N	4	T	3	C	63	52	0.29		
	Main Head ...	29.01	55	NNW	4	C	29.69	-34	53	53	+2	NNW	7	O	4	O	58	50	0.39		
	Mullaghmore ...	29.07	58	NNW	4	O	29.90	-11	55	54	+3	NNW	7	O	6	O	58	51	0.10		
	Belmullet ...	29.11	58	NNW	2	O	29.99	-07	55	54	+2	NW	5	O	*	O	58	52	0.03		
	Donaghadee ...	29.02	57	NNE	3	bc	29.76	-23	55	53	+3	N	3	T	1	bc	58	51	0.31		
	Liverpool (Bldston)	29.00	54	N	3	O	29.89	-10	52	50	-2	SW	2	T	3	O	59	51	0.04		
	Holyhead ...	29.02	54	NNW	1	O	29.81	-12	53	52	0	SW	4	T	4	O	59	49	0.19		
	Parsonstown ...	29.08	55	2	O	C	29.97	-07	56	54	+4	SW	1	O	*	C	60	51	0.07		
	Valencia ...	29.10	59	NW	5	C	29.83	+06	56	53	+3	NNW	5	O	*	O	60	53	0.02		
	Roche's Point	29.10	57	NNW	4	C	29.05	-02	59	56	+4	NW	5	C	4	C	60	53	—		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.05	54	NNW	2	C	29.00	0.0	56	53	+3	WSP	4	O	3	C	58	51	0.03		
	Seilly ...	29.07	58	NNW	4	C	29.11	+10	59	56	+1	NW	4	C	3	bc	61	54	—		
	Prawle Point ...	29.04	59	NNW	2	O	29.06	+05	59	53	+4	NW	3	C	1	O	59	49	—		
	Jersey (St. Aubin's)	29.04	62	E	2	C	29.07	+07	56	54	+2	NNW	3	bc	3	O	60	53	—		
	Hurst Castle ...	29.03	57	N	4	C	29.01	0.0	58	54	+3	NNW	2	bc	1	C	61	50	0.01		
	Dungeness ...	29.00	57	SW	4	C	29.95	0.0	58	53	+4	NNW	2	bc	0	C	61	49	0.10		
	North Foreland	29.98	57	SW	2	O	29.86	-12	57	53	+2	NW	2	C	2	bc	60	49	0.23		
	London ...	29.01	52	N	1	O	29.95	-04	56	52	+2	N	1	C	*	bc	62	47	0.12		
	Oxford ...	29.03	52	SW	1	T	29.97	-02	54	50	-1	N	1	C	*	T	57	46	0.17		
	Cambridge ...	29.01	53	SW	1	T	29.92	-07	56	54	+3	SW	1	O	*	T	61	45	0.07		
PENINSULA.	Yarmouth ...	29.99	56	NE	2	C	29.90	-01	52	51	-1	SW	3	m	2	bc	58	47	0.01		
	Cuxhaven ...	29.86	56	NW	4	O	29.89	+17	55	52	0	NNW	3	C	*	O	59	53	0.24		
	Berlin ...	29.84	57	NNW	3	bc	29.91	+29	55	50	-3	N	4	bc	*	bc	60	53	—		
	Wiesbaden ...	*	*	*	*	*	29.94	+16	58	54	+1	NW	1	O	*	*	64	54	—		
	Munich ...	29.03	54	N	2	O	29.01	+20	56	54	+2	N	2	C	*	O	59	50	0.33		
	The Helder ...	29.99	54	NW	3	C	29.92	+05	56	53	+1	N	4	O	3	C	57	52	—		
	Brussels (9 a.m.)	29.00	58	2	O	C	29.97	+07	57	51	+3	WSP	1	C	*	C	60	44	0.04		
	Cape Gris Nez	29.05	61	NNW	2	O	29.95	+04	54	51	+1	NW	3	C	3	C	59	52	0.12		
	Paris ...	29.04	61	NNW	2	O	29.01	+07	52	51	-4	NNW	1	C	*	O	62	50	0.08		
	Brest ...	29.04	62	N	4	O	29.02	0.0	58	56	0	NNW	3	C	3	O	63	54	—		
GERMANY & HOLLAND.	Lorient ...	29.04	64	NNW	3	C	29.11	+13	56	53	0	NNW	4	bc	2	C	70	55	—		
	Rocheport ...	29.03	66	NW	5	C	29.04	+09	62	59	0	NW	4	O	*	C	72	59	0.04		
	Belfort ...	29.01	62	N	3	O	29.04	0.0	59	56	0	N	2	C	*	O	66	46	0.04		
	Lyons ...	29.01	65	NW	1	bc	29.00	+05	61	53	+2	SW	1	C	*	bc	73	53	—		
	Nice ...	29.75	77	2	O	C	29.86	+14	67	63	-2	ENE	1	bc	1	C	86	61	—		
	Perpignan ...	29.00	74	N	2	O	29.07	+08	68	60	0	NW	3	C	*	O	78	63	—		
	Biarritz ...	29.09	68	N	3	O	29.13	+11	66	62	+3	N	4	O	2	O	75	63	—		
	Corunna ...	29.12	69	NNW	3	C	29.17	+11	67	62	0	NNE	3	C	*	*	79	63	—		
	Lisbon ...	29.12	69	NNW	3	C	29.17	+11	67	62	0	NNE	3	C	*	*	79	63	—		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 19th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

☉ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

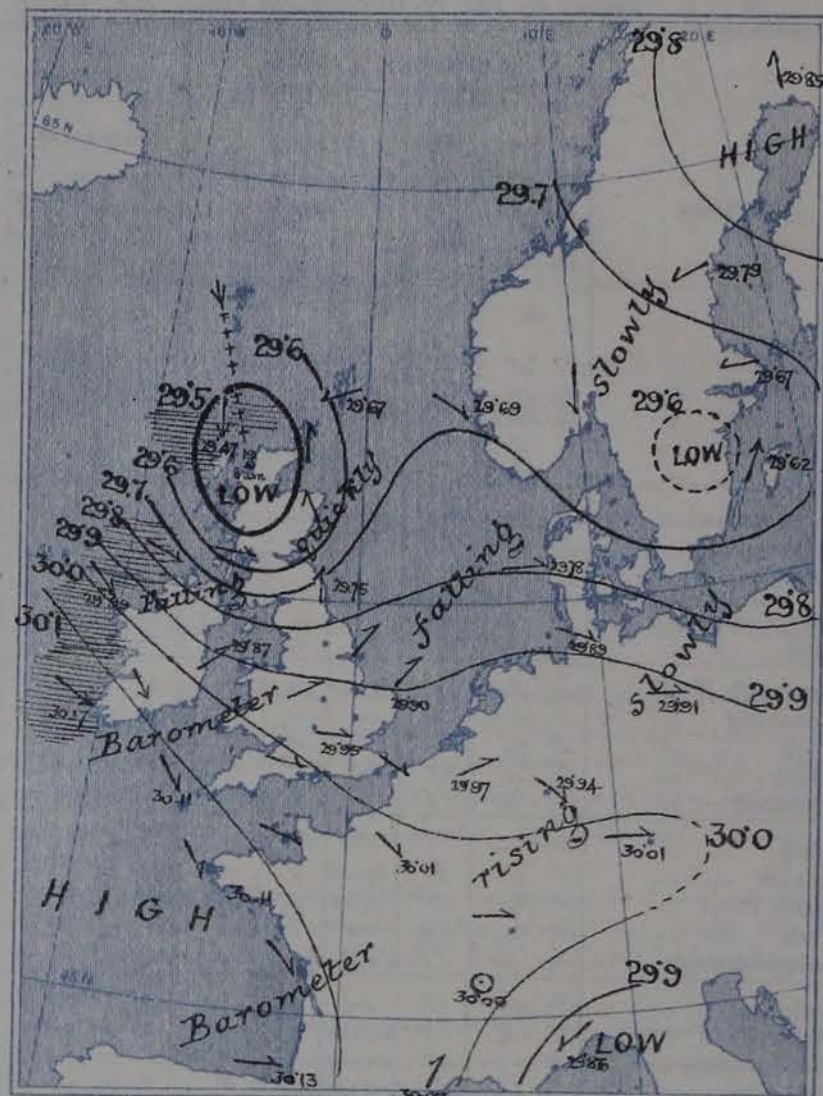
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	50.2	48.9	55.5	53.8	3.02
Wick	51.8	48.7	55.8	53.5	2.34
Nairn	54.3	50.9	58.7	53.3	2.59
Aberdeen	53.2	50.6	57.5	53.9	2.78
Leith	56.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.98
Valencia	64.0	53.6	58.9	56.4	3.20
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	55.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.0	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.06
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.5	58.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards, in a large anticyclone extending from the Atlantic over the northwest of Ireland, the Bay of Biscay, and the Spanish Peninsula.
Lowest, 29.5 in. and less, in a deep depression lying over Scotland.

Gradients rather steep (and increasing) over the northern parts of our Islands, but slight elsewhere.

Barometer falling at all but the French and German stations, — quickly on our northern coasts.

TEMPERATURE

Highest, 68° at Perpignan, 67° at Nice and Linton, 66° at Biarritz, 62° at Rochefort, 61° at Lyons, and 59° at Rochefort, Brest, Jersey, and Krefort.

Lowest, 48° at Lumburg Hill, 51° at Shields, Stornoway, Grimsby and Yarmouth, and 53° at several others of our northern stations.

The maxima registered yesterday were below 60° in many parts of our northern and eastern districts, and very little above it even in the south.

WIND

Strong from the NWth in the north of Ireland, and light or moderate from the same quarter on our south and southwest coasts, as well as in the west and north of France.

Light from the Wth over Denmark, Germany, and the Netherlands.

Still in the east of Scotland, but strong from the Nth in the Hebrides.

WEATHER

Dull and rainy over the entire northern half of the United Kingdom, as well as in the south of Sweden.

Fine in the south of England and also at many of the French and German stations. Solar halos are visible at Oxford and Loughborough.

In the course of the past 24 hours rain has fallen in many parts of Western Europe; the largest amounts being 0.8 in. at Stornoway and 0.6 in. at this

SEA

Rough at Stornoway and Malinbegmore and rather rough at Valencia Island, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scotland is moving southwards, and the dull, rainy weather in the north seems likely to spread quickly to all our more southern districts. On our western coasts the wind will probably increase to a gale from the NWth and Nth, with heavy squalls and a rough sea.

FORECASTS

For the 24 hours ending at NOON on 20th JULY, 1892.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Wind shifting to the N th and increasing in force; dull and rainy at first, improving later, but still showery.	6	SCOTLAND WEST	{ W th to NW th winds, increasing to a gale, squally, rainy.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.	Same as N ^o 5.	8	ENGLAND S.W.	{ NW th winds, increasing to a gale; squally, rainy.
3	ENGLAND EAST		9	IRELAND NORTH	
4	MIDLAND COUNTIES		10	IRELAND SOUTH	
5	ENGLAND SOUTH		WARNINGS		
		SW th to NW th winds, freshening considerably; dull, rainy.	At 10 am. to districts 6 to 10 and part of 0 "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.	TEMP.	WIND.	P.	WEA.	SEA.		BAR.	TEMP.	WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dir.					Dry.	Wet.	Dir.		
Skudesnaes ...	29.65	57	52	NW	6	C	2	Valencia ...	30.15	59	54	NNW	4
Sumburgh Head ...	29.84	57	54	NW	2	C	3	Scilly ...	30.05	60	56	NNW	3
Stornoway ...	29.91	57	52	NW	2	P	3	Jersey ...	30.04	60	55	E	2
Aberdeen ...	29.92	56	54	NNW	2	bc	2	Hurst Castle ...	30.03	58	56	WSW	2
Shields ...	29.91	54	57	E	3	C	3	Dungeness ...	29.99	58	57	S	0
Ardsroan ...	29.84	53	53	N	3	C	2	North Foreland ...	29.99	58	54	NNW	2
Malin Head ...	30.01	56	54	NW	2	op	2	London ...	30.03	59	57	NW	2
Mullaghmore ...	30.06	53	52	NNW	3	C	2	Yarmouth ...	29.96	58	52	NW	3
Belmullet ...	30.11	56	53	N	2	0	2	Rochefort ...	30.01	70	64	NW	4
Holyhead ...	30.01	56	53	NW	1	og	2						

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

Weather in morning fine and bright in the extreme southwest and south of Europe only; cloudy, or overcast generally elsewhere, with rain in several parts of central Europe and the northwestern parts of the British Islands, as well as at Bouen. Showers later in several parts of Europe, England, and Ireland, and steady rain setting in over the north of Scotland at night.

Temperature low generally for the time of year except in the extreme south. Morning readings exceeding 80° at Brindisi, Palermo, Lefallos, and Palma, and exceeding 70° in many parts of southern Europe; exceeding 60° over central Europe and Russia, but lower over France, the British Isles and Scandinavia. Lowest of all 48° to 50° in the north and west of Scotland, 51° at Bodø, Malin, and Shields, 52° at York. Rising later to a little above 60° in many parts of our islands, to a little higher over North Germany, and to between 78° and 86° in the south of France.

Wind chiefly N to NW in the western part of Europe, and S to SE in the east, but varying locally in many places. W over the northern parts of the Mediterranean, S to SW over Italy, and E over the Adriatic. Backing to the W in Scotland later.

Barometer highest (1) 30.1 in. to 29.9 in. over the British Isles, France and Spain; (2) 29.8 in. and more to 29.7 in. over Russia. Lowest 29.6 in. and less to 29.7 in. in a large complex depression stretching southwards from Lapland across Scandinavia, Denmark, and the Baltic, to Germany and Austria; 29.7 in. and less, in a small disturbance over the Riviera. Rising over Scandinavia later, 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 20th July.

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 12).	SHADE TEMP.			Amount of Rainfall.			
		Reading at 5 P. and Sea Level.	Dry Bulb.	Force (0 to 13).	Weather.		Reading at 5 P. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).		Weather.	Max.	Min.				
		Ina.	°				Ina.	°	°	°								°	Ina.		
SCANDINAVIA.	Haparanda ...	29.84	58	2	0	b	29.81	-0.4	66	60	+8	NNE	4	c	*	b	68	50	—		
	Hernösand ...	29.83	57	NE	2	bc	29.82	+0.3	62	59	+6	NE	2	o	*	bc	70	48	—		
	Stockholm ...	29.78	57	2	0	o	29.78	+0.6	58	56	+3	N	3	o	*	o	61	52	0.04		
	Wisby ...	29.72	55	WNW	4	b	29.69	+0.7	56	55	-1	N	4	7	*	b	62	54	0.04		
	Bodö ...	29.47	52	N	1	c	29.50	+0.6	53	52	+4	N	0	c	o	c	59	45	—		
	Christiansund...	29.81	57	NE	7	o	29.85	+2.4	51	50	-1	NE	5	f	3	o	59	50	0.04		
	Skudesnaes ...	29.78	54	WNW	4	o	29.86	+1.7	57	52	+3	NW	4	c	2	o	59	51	—		
	Christiania Fjord (Færder)	29.78	61	WNW	4	b	29.81	+1.5	58	53	+1	NNE	3	b	2	b	61	57	—		
	Skagen (The Scaw)	29.80	53	WNW	2	c	29.86	+2.2	58	53	0	NW	2	c	1	c	64	50	0.04		
	Fanö ...	29.80	52	N	2	c	29.84	+0.6	53	50	+1	WNW	1	b	*	c	66	48	—		
BRITISH ISLANDS.	Sumburgh Head	29.75	45	N	6	7	29.89	+4.2	48	47	0	NNE	3	o	3	o, 7	52	46	0.03		
	Stornoway ...	29.81	54	NE	7	c	29.80	+7.9	54	53	+2	NE	3	bc	4	o, c	53	45	0.10		
	Wick ...	29.92	49	E	3	o	29.16	+6.4	48	48	-5	NE	3	o	4	o	52	47	0.25		
	Nairn ...	29.87	52	ENE	3	o	29.16	+7.2	51	49	-2	ENE	2	o, f	2	o, f	52	48	0.28		
	Aberdeen ...	29.77	50	NE	6	c, q, p	29.13	+6.0	50	48	0	N	3	o	4	7, q, u, p	52	48	0.74		
	Leith ...	29.69	52	N	5	o	29.11	+5.8	56	53	+3	NNE	1	o	*	o	60	49	0.10		
	Shields ...	29.82	52	NW	4	o, f	29.05	+5.0	52	52	+3	NNE	4	c	5	7, o, f	58	48	0.60		
	Spurn Head ...	29.41	53	WNW	4	7	29.90	+0.6	52	52	0	N	7	c, f	6	7, f	56	51	0.44		
	York ...	29.42	53	N	2	7	29.01	+5.8	56	52	+3	NE	3	b, c	*	7	59	50	0.61		
	Loughborough	29.54	54	N	5	o	29.36	+0.3	53	51	0	N	4	o, q, f	*	o	57	51	0.47		
BRITISH ISLANDS.	Ardrossan ...	29.69	60	NW	5	c	29.14	+5.6	59	54	+5	N	2	bc	1	c	61	49	—		
	Malin Head ...	29.84	53	WNW	6	o, q	29.19	+5.0	53	49	0	N	4	o	3	o, o, q	53	51	0.02		
	Mullaghmore ...	29.97	54	WNW	8	o, q, f	29.23	+5.3	52	50	-1	NNE	5	c	3	o, o, q, f, p	59	51	0.01		
	Belmullet ...	29.07	57	N	5	c	29.29	+5.0	53	50	0	WNW	3	o	*	c, q, f, p	59	53	0.01		
	Donaghadee ...	29.74	56	NNE	7	b, q	29.16	+4.0	56	53	+1	NNE	6	b	4	b, q	58	55	0.12		
	Liverpool (Bidston)	29.52	54	N	8	o	29.07	+5.0	57	52	+5	N	4	bc	4	o	58	51	0.39		
	Holyhead ...	29.68	53	NW	7	bc, q	29.10	+5.3	52	51	+1	N	5	b	5	c, q, bc, q	58	52	0.52		
	Parsonstown ...	29.96	56	NW	2	o	29.21	+5.4	52	50	-2	NW	1	c	*	o	61	49	—		
	Valencia ...	29.13	57	NW	8	o, m	29.29	+5.2	57	51	+1	NNE	3	bc	3	o, m, d, o, m	60	53	0.23		
	Roche's Point	29.99	59	WNW	6	bc, q	29.21	+5.6	56	52	-3	WNW	4	b	3	bc, q	60	53	—		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.82	58	NW	7	c	29.09	+5.9	53	53	-1	N	5	bc	4	c	58	52	0.04		
	Scilly ...	29.87	58	WNW	6	c	29.11	0.0	57	54	-2	N	5	c	4	o, c	61	53	—		
	Prawle Point ...	29.84	53	N	5	f, q	29.39	-0.7	61	56	+2	WNW	6	c	4	o, f, q	61	52	0.01		
	Jersey (St. Aubin's)	29.93	60	WNW	5	o, m, q, u	29.89	-1.8	59	53	0	NW	5	o, m, q, u	4	c, p, m, q, u	62	56	0.04		
	Hurst Castle ...	29.73	58	WNW	7	c, q, p	29.87	-1.4	56	52	-2	N	6	c	4	f, m, c, q, p	62	53	0.08		
	Dungeness ...	29.61	56	WNW	8	7	29.67	-2.8	53	53	-3	N	6	7, q	4	c, 7, f, p	62	52	0.54		
	North Foreland	29.60	53	NW	5	7, q	29.66	-2.3	58	57	+1	NNE	6	7, q, f	6	o, q, p, f, l	61	51	0.61		
	London ...	29.61	57	N	4	c, f	29.81	-1.4	56	53	0	NNE	5	o, q	*	o, 7, q, f, p	60	51	0.48		
	Oxford ...	29.60	53	N	4	7	29.90	-0.7	54	51	0	WNW	3	o, q, u	*	7, f, p	58	51	0.48		
	Cambridge ...	29.54	57	NW	1	7	29.86	-0.6	57	54	+1	N	4	o	*	7	59	52	0.76		
GERMANY & HOLLAND.	Yarmouth ...	29.53	54	NW	4	7	29.74	-1.6	56	54	+4	NE	6	c	7	7	59	51	0.53		
	Cuxhaven ...	29.84	57	NW	2	bc	29.78	-1.1	57	53	+2	E	3	b	*	bc	60	53	—		
	Berlin ...	29.82	61	NW	1	b	29.72	-1.9	53	51	0	ESE	2	7	*	b	61	51	—		
	Wiesbaden ...	29.89	53	N	3	o	29.69	-2.5	53	54	-3	S	2	o	*	*	63	50	0.24		
	Munich ...	29.94	53	NW	3	o	29.85	-1.6	57	54	+1	SPH	2	c	*	o	66	46	0.08		
	The Helder ...	29.69	52	S	3	7	29.74	-1.8	56	53	0	ENE	6	c	3	7	61	52	0.43		
	Brussels (9 a.m.)	*	*	*	*	*	29.59	-3.6	53	54	+1	N	5	7	*	*	59	50	0.71		
	Cape Gris Nez	29.67	52	NW	6	7	29.68	-3.3	52	52	0	WNW	3	7	*	7	67	51	0.32		
	Paris ...	29.81	61	NW	2	7	29.82	-0.1	57	55	-1	N	5	o	4	o	66	54	—		
	Brest ...	29.81	61	NW	4	o	29.81	-1.3	57	52	+1	NW	5	c	4	o	64	54	—		
FRANCE AND BELGIUM.	Lorient ...	29.06	60	NW	6	o	29.88	-1.3	57	52	+1	NW	5	c	4	o	64	54	—		
	Rochefort ...	29.10	64	WNW	6	bc	29.84	-1.0	62	58	0	NW	6	o	*	bc	68	57	—		
	Belfort ...	29.10	64	WNW	6	bc	29.84	-1.0	62	58	0	NW	6	o	*	bc	68	57	—		
	Lyons ...	29.02	62	N	1	c	29.84	-1.6	58	53	-6	S	2	b	*	c	68	54	0.20		
	Nice ...	29.61	70	NW	4	c	29.75	-1.1	65	53	-2	E	1	o	2	c	77	59	—		
	Perpignan ...	29.03	72	NW	6	bc	29.97	-1.0	66	56	-2	NW	6	o	*	bc	81	63	—		
	Biarritz ...	29.21	67	NW	4	o	29.13	-0.1	63	60	-3	WNW	6	7	4	o	72	59	0.16		
	Corunna ...	29.20	67	N	4	b	29.24	+0.7	67	62	0	WNW	3	b	*	b	81	63	—		
	Lisbon ...	29.20	67	N	4	b	29.24	+0.7	67	62	0	WNW	3	b	*	b	81	63	—		
	Peninsular	29.20	67	N	4	b	29.24	+0.7	67	62	0	WNW	3	b	*	b	81	63	—		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday, 20th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

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

SEA DISTURBANCE—Where considerable, is shown thus:

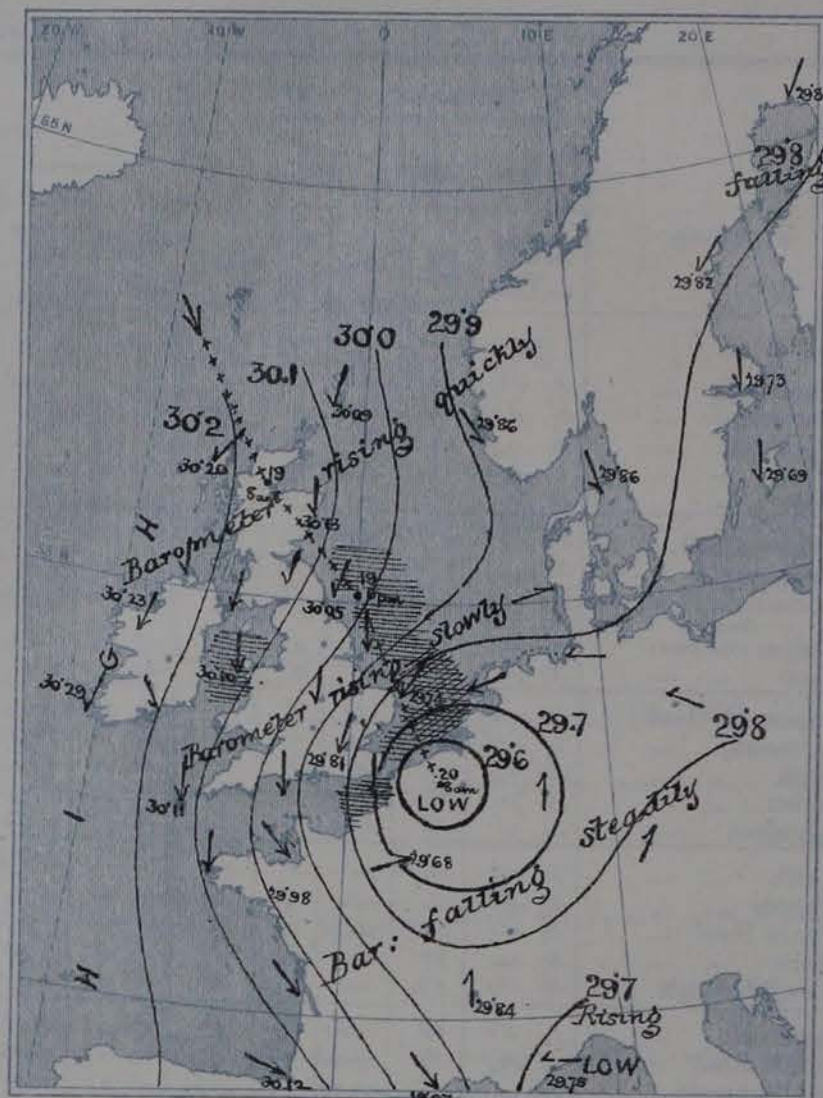
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.956
Mullaghmore	29.969
Donaghadee	29.977
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.936
Roche's Point	29.932
Pembroke	29.936
Scilly	29.971
Prawle Point	29.937
Jersey	30.001
Hurst Castle	29.958
Dever	29.957
LONDON	29.957
Oxford	29.940
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 a.m. Wet.	
Sumburgh Head	57.4	48.0	53.1	51.6	2.27
Stornoway	60.2	48.9	55.5	53.0	3.02
Wick	61.8	48.7	55.8	53.5	2.84
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.6	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.68
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.5	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.92
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	56.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.0	58.9	55.4	3.90
Roche's Point	66.1	63.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	55.0	2.54
Scilly	64.4	56.2	60.2	58.1	3.48
Prawle Point	64.5	53.7	59.0	57.3	2.24
Jersey	68.3	55.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dever	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.5	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE.

Highest, 30.2 in. and upwards in a large anticyclone extending from the Atlantic over the west of Ireland, the extreme west of Scotland and the western parts of the Spanish Peninsula.
 Lowest, 29.6 in. and less, in a depression lying over Belgium and the northeast of France.
 Gradients rather steep over England and the northeast of France, but slight elsewhere.
 Barometer rising at all but the Irish and German stations, — unsteadily in the west of Ireland.

TEMPERATURE

Highest, (1) 67° at Dublin, 66° at Belfast, 65° at Nice, and 63° at Biarritz; (2) 66° at Santander, and 62° at Honfleur.
 Lowest, 48° at Stirling, 47° at Wick, 50° at Aberdeen, 51° at Nain, 52° at Paris, and 53° at Malin and Broughborough.
 The maxima registered yesterday were below 60° at most of our northern and eastern stations.

WIND

N³ over the United Kingdom; moderate in force on our northern coasts, but strong in the south and east.
 Strong from the NW² in the west and south of France, light from S. or SW. over Central France; E¹ over Holland and North Germany.
 A moderate to strong gale from the NW² was experienced yesterday in nearly all parts of the United Kingdom.

WEATHER

Fair at several of our western stations, as well as in Denmark and North Germany.
 Cloudy or overcast elsewhere, with passing showers in the southeast of England, and with steady rain in the northeast of France, as well as at Berlin and Rostock.
 Heavy rain fell yesterday in most parts of our Islands and France, the largest amounts being 0.8 in. at Cambridge, and 0.7 in. at Aberdeen and Cape Gris Nez. Thunder and lightning have occurred at the North Foreland.

SEA

High at Yarmouth and rough on our east and southeast coasts generally, as well as at Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the northeast of France, will probably continue to travel away in a south-south-easterly direction and improving weather is likely in most parts of the United Kingdom. The conditions are, however, not at all settled.

FORECASTS

For the 24 hours ending at NOON on 21st JULY, 1892.

DISTRICTS.

FORECASTS.

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

N² and NE² winds, moderate; fair generally, but local showers.
 N² to NE² winds, strong at first, with squally, showery weather, moderating later, and weather improving.

DISTRICTS.

FORECASTS.

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

Same as N² 0 to 2
 N² winds, strong to moderate, changeable, showery.
 N² winds, moderate or fresh; changeable, showery.
 At 10.30 am to districts 0 to 2, 6, 7, 9 and 10 "Lower Cone". The signals are still flying in districts 3, 5 and 8.

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 ...	29.70	53	51	NNW	4	0	2	Valencia ...	30.14	56	53	NNW	6	amd	6
Sumburgh Head ...	29.74	53	51	NNE	4	0	4	Scilly ...	30.04	60	58	NNW	5	0	4
Stornoway ...	29.75	53	53	NE	7	0	6	Jersey ...	30.05	62	53	NNW	2	c	3
Aberdeen ...	29.56	51	50	NE	7	0	6	Hurst Castle ...	29.87	57	55	W	7	rm	3
Shields ...	29.35	51	53	WNW	7	0	3	Dungeness ...	29.84	53	52	W	5	c	4
Ardrossan ...	29.50	60	53	NW	6	c	4	North Foreland ...	29.86	54	54	SW	3	OT	3
Malin Head ...	29.68	53	53	NNW	8	0	5	London ...	29.81	56	54	SW	3	OT	*
Mullaghmore ...	29.90	58	54	NW	7	0	7	Yarmouth ...	29.73	57	52	SW	4	T	4
Belmullet ...	30.00	58	53	WNW	5	0	*	Rochefort ...	30.09	65	59	NNW	6	b	*
Holyhead ...	29.69	57	53	NNW	6	cq	5								

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

Weather in morning fine and bright over southwestern, southern, and southeastern Europe, and also in some parts of France, temporarily fine over the southern counties of England; cloudy or overcast elsewhere, rainy over the Baltic, and very rainy, squally and unsettled over the northern parts of the British Islands. Much rain falling over the United Kingdom, and at several of the French and German stations during the day, thunderstorm occurring at the North Foreland.

Temperature still very low for the time of year over the northwestern countries. Morning readings 81° at Prusiana, 80° at Constantinople, and above 70° in several other parts of southern and southeastern Europe; above 60° over Hungary, Rumania, and reported to be 70° at Archangel. Below 60° over northwestern Europe, and as low as 48° at Sumburgh H., 50° at Aberdeen, 51° at Shields and Christiansund. Rising later to between 70° and 81° over the south of France, to 60° and more over Germany, Denmark, and Sweden, as well as some parts of England, but failing to reach 55° in the northeast of Scotland.

Wind mainly E over northern Europe, mainly W, but very variable in the south. A well-marked cyclonic circulation of strong winds and gales advancing over the British Islands from the N.W. NW to NE gales experienced later on all our coasts, and strong W winds in France.

Barometer highest 30.3 ins. to 30.0 ins. over Spain, the Bay of Biscay, France, and the southwestern part of the United Kingdom; 29.9 ins. and more to 29.8 ins. over the north of Russia, Finland, and Lapland. Lowest 29.6 ins. to 29.7 ins. in a complex depression over the south of Scandinavia, the Baltic Provinces, and western Rumania, and below 29.9 ins. in a small disturbance over the Gulf of Genoa, and below 29.5 ins. in a well-defined deep depression lying over Scotland. Latter disturbances advancing rapidly to the southeastward and southward during the 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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

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DAILY WEATHER REPORT

for 8 a.m. on

Thursday 21st July.

1892.

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

YESTERDAY EVENING. (See note at bottom of last page.)																			THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
STATIONS.		BAROM.	TRMP.	WIND.		Weather.	BAROMETER.		SHADE TRMP.			WIND.		Sea (0 to 9).	SHADE TRMP.			Amount of Rainfall.														
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).		Max.	Min.																
SCANDINAVIA.																																
Haparanda ...	29.70	63	NE	2	bc	29.71	-10	71	66	+5	SEA	2	bc	#	bc	50	0.28															
Hernösand ...	29.69	60	NW	4	o	29.68	-1	61	58	-1	WNW	6	o	#	o	54	0.16															
Stockholm ...	29.76	61	2	0	bc	29.74	+01	65	60	+7	2	0	bc	#	bc	70	—															
Wisby ...	29.76	57	ESE	4	bc	29.76	+07	59	58	+3	WNW	2	bc	#	bc	52	0.20															
Bodö ...	29.72	50	N	1	o	29.94	+04	48	46	-7	N	2	o	1	o	46	—															
Christiansund...	30.02	51	N	2	f	30.02	+07	51	48	0	NE	2	f	2	f	52	—															
Skudesnes ...	29.91	52	NW	8	f	29.96	+10	52	49	-5	NNW	7	f	3	bc	53	—															
Christiania Fjord (Fjord)	29.80	64	WNW	5	bc	29.85	+04	62	57	+4	NNE	5	c	2	bc	64	—															
Skagen (The Scaw)	29.89	55	NW	2	bc	29.90	+04	59	55	+1	NW	2	bc	1	bc	61	—															
Fanö ...	29.87	54	N	2	bc	29.91	+07	53	53	+2	NW	2	bc	#	bc	63	—															
Sumburgh Head	30.18	53	NNW	3	o	30.08	-01	57	57	+3	NW	2	o	3	o	53	0.03															
Stornoway ...	30.22	55	S	3	bc	30.18	-07	53	53	+1	S	3	o	3	bc	56	—															
Wick ...	30.20	53	NW	3	bc	30.15	-01	54	52	+6	NW	1	c	1	bc	55	0.03															
Nairn ...	30.17	57	2	0	bc	30.16	0.0	54	51	+3	WNW	1	c	1	bc	59	—															
Aberdeen ...	30.20	52	NNW	3	bc	30.18	+05	57	51	+7	NW	1	bc	2	bc	58	—															
Leith ...	30.18	54	E	3	bc	30.20	+07	54	51	-2	N	1	om	#	bc	57	—															
Shields ...	30.19	54	N	4	c	30.20	+15	54	50	0	E	2	bc	3	bc	57	—															
Spurn Head ...	30.13	54	N	6	o	30.20	+30	54	49	0	N	4	c	5	bc	57	—															
York ...	30.17	54	NNE	3	o	30.23	+22	52	48	-4	NE	1	bc	#	o	60	—															
Loughborough	30.17	58	NNW	3	c	30.26	+30	52	49	-1	2	0	cmw	#	c	63	—															
Ardrossan ...	30.19	60	N	3	c	30.23	+09	58	54	-1	N	2	bc	1	c	64	—															
Malin Head ...	30.27	54	NNW	3	o	30.22	+03	54	53	+1	WNW	3	o	1	c	59	—															
Mullaghmore ...	30.30	56	NW	4	bc	30.28	+05	54	53	0	NW	2	cm	2	bc	59	—															
Belmullet ...	30.34	56	N	1	o	30.31	+02	58	56	+3	N	2	o	#	bc	59	0.03															
Donaghadee ...	30.25	56	NE	6	bc	30.27	+11	54	52	-2	NW	3	bc	1	bc	62	—															
Liverpool (Bldston)	30.20	59	NW	3	c	30.26	+19	54	50	-3	N	3	o	3	c	63	—															
Holyhead ...	30.22	56	N	3	bc	30.27	+15	58	54	+4	NNW	2	bc	2	c	58	—															
Parsonstown ...	30.27	62	NW	1	c	30.31	+10	57	49	-8	2	0	o	#	c	65	—															
Valencia ...	30.34	59	NW	4	bc	30.36	+07	56	51	-1	NNW	2	c	3	bc	61	—															
Roche's Point	30.27	63	N	2	bc	30.33	+12	57	53	+1	N	2	bc	2	bc	65	—															
Pembroke (St. Ann's Hd.)	30.22	57	N	4	bc	30.39	+20	58	53	+3	S	1	bc	0	bc	59	—															
Scilly ...	30.25	58	NNW	4	bc	30.28	+17	58	56	+2	N	3	bc	2	bc	60	—															
Prawle Point ...	30.15	62	NNW	2	bc	30.27	+28	56	54	-5	NNE	2	o	1	bc	69	—															
Jersey (St. Aubin's)	30.01	63	NNW	4	bc	30.27	+38	61	54	+2	N	3	bc	3	bc	64	—															
Hurst Castle ...	30.11	64	NNE	4	bc	30.27	+40	58	54	+2	NNE	3	bc	2	bc	65	—															
Dungeness ...	29.99	61	NE	6	bc	30.17	+30	58	57	-2	N	4	c	3	bc	62	0.06															
North Foreland	30.03	57	NNE	7	bc	30.17	+31	54	52	-4	N	5	bc	5	bc	60	0.06															
London ...	30.10	59	NNE	3	bc	30.24	+43	52	48	-4	N	2	bc	#	bc	63	—															
Oxford ...	30.18	58	NNE	2	o	30.27	+37	57	49	-8	NW	1	o	#	bc	64	—															
Cambridge ...	30.12	55	N	1	bc	30.24	+38	54	49	-5	N	1	c	#	bc	63	—															
Yarmouth ...	30.09	56	NNW	4	c	30.19	+45	52	50	-4	NW	4	c	4	bc	59	0.10															
Cuxhaven ...	29.90	60	N	5	o	29.95	+17	60	58	+3	NW	4	bc	#	o	63	0.04															
Berlin ...	29.81	63	NNE	2	c	29.92	+20	59	54	+4	NW	3	c	#	c	61	—															
Wiesbaden ...	29.81	57	SE	2	o	29.95	+26	57	52	+2	NW	2	o	#	o	64	0.12															
Munich ...	29.81	57	SE	2	o	29.94	-01	58	50	-7	NW	1	c	#	o	59	0.39															
The Helder ...	30.02	57	N	5	c	30.09	+25	58	52	-1	NNW	5	c	3	c	61	—															
Brussels (9 a.m.)	*	*	*	*	*	30.11	+35	53	50	-2	N	5	o	#	bc	61	0.04															
Cape Gris Nez	29.95	56	NNE	7	bc	30.14	+46	54	51	+2	NNW	3	o	6	bc	66	0.28															
Paris ...	29.89	60	NNE	4	bc	30.14	2	54	53	-3	NE	2	bc	2	bc	66	—															
Brest ...	30.15	61	N	4	o	30.24	+26	55	52	-2	N	3	c	2	c	63	—															
Lorient ...	30.15	62	NNW	5	c	30.24	+26	55	52	-2	N	3	c	2	c	63	—															
Rochefort ...	30.05	63	NW	5	o	30.17	+28	58	54	-4	NNE	4	bc	#	o	64	—															
Belfort ...	30.05	60	N	3	o	30.17	2	58	54	-4	N	3	o	#	o	63	0.05															
Lyons ...	29.87	56	NW	2	o	29.95	+11	54	53	-1	N	2	o	#	bc	69	0.28															
Nice ...	29.83	67	NW	5	bc	29.93	+12	60	57	-5	E	2	bc	2	bc	75	—															
Perpignan ...	29.91	68	NW	6	o	29.98	+07	63	57	-3	NW	5	o	#	o	79	—															
Biarritz ...	30.14	66	NW	6	o	30.19	+07	62	57	-1	E	3	o	3	o	68	0.08															
Corunna ...	30.18	67	N	5	bc	30.16	-08	66	61	-1	N	4	bc	#	bc	79	—															
Lisbon ...	30.18	67	N	5	bc	30.16	-08	66	61	-1	N	4	bc	#	bc	79	—															

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Thursday 21st July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

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

SEA DISTURBANCE—Where considerable, is shown thus:

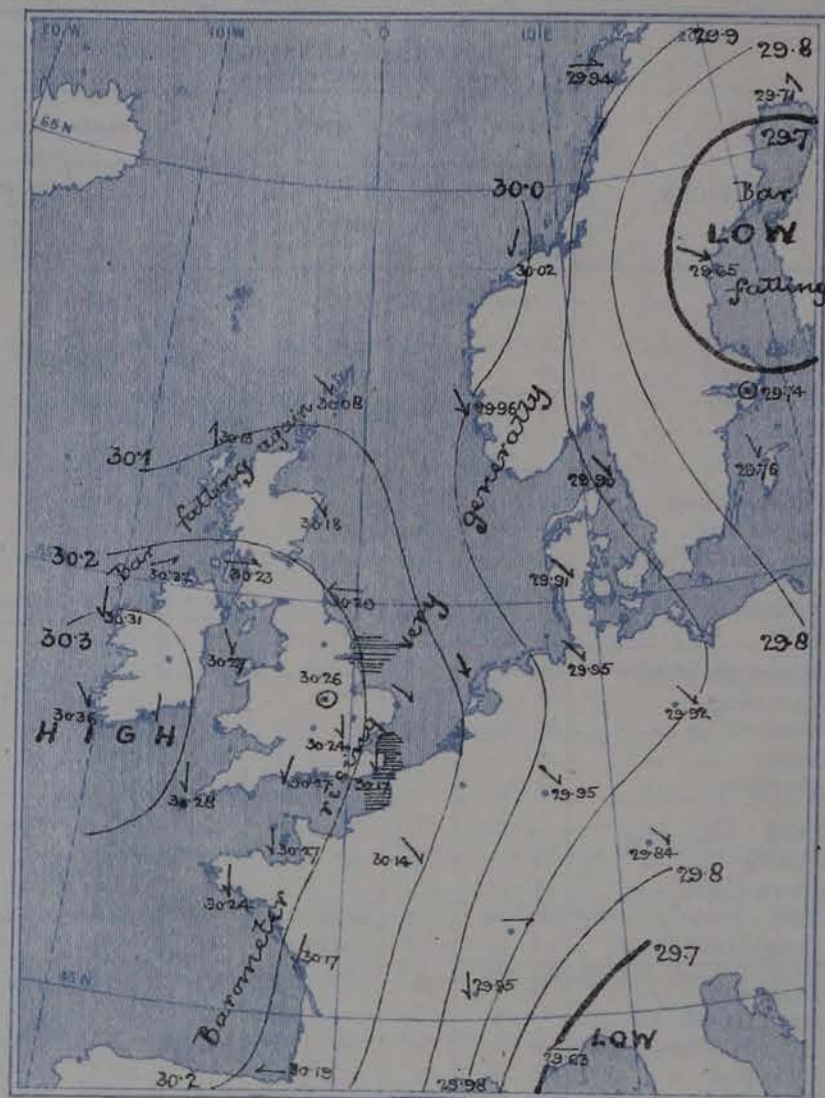
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.816
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.908
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.6	2.27
Stornoway.....	60.2	48.9	55.5	53.8	3.02
Wick.....	61.8	48.7	55.8	53.5	2.84
Nairn.....	64.3	50.9	55.7	53.3	2.59
Aberdeen.....	63.9	50.6	57.5	53.9	2.78
Leith.....	66.7	51.2	58.4	54.9	2.86
Shields.....	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York.....	68.7	51.9	59.2	55.9	2.70
Loughborough.....	71.5	52.6	61.4	57.6	2.84
Ardrossan.....	63.5	52.8	57.3	54.6	2.91
Mullaghmore.....	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead.....	63.8	54.3	58.1	55.8	2.40
Liverpool.....	65.9	54.2	59.4	55.6	2.96
Parsonstown.....	66.4	51.5	58.1	54.8	2.96
Valencia.....	64.0	53.6	58.9	56.4	3.20
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.6	54.8	58.0	56.0	2.54
Scilly.....	64.4	56.2	60.2	58.1	2.46
Prawle Point.....	64.5	53.7	59.6	57.3	2.24
Jersey.....	68.8	55.2	62.0	58.9	2.40
Hurst Castle.....	67.8	55.5	61.1	58.8	2.20
Dover.....	66.8	56.8	61.9	58.4	1.95
LONDON.....	72.4	64.0	62.0	57.8	2.38
Oxford.....	69.6	63.4	60.0	56.6	2.58
Cambridge.....	71.9	62.2	61.3	57.7	2.42
Yarmouth.....	66.6	64.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.5 ins. and upwards in an anticyclone lying over and to the southward of Ireland.
Lowest 29.7 ins. and upwards in a depression lying over the Gulf of Bothnia and its neighbourhood,
 and also in another system lying over the Gulf of Genoa.
Gradients slight. Barometer falling in the extreme N. and N.W. of our Islands & also in Sweden, but rising elsewhere.

TEMPERATURE

Highest (1) 71° at Haparanda, 65° at Stockholm, and 62° at Faerder; (2) 66° at Lisbon, 63° at Perpignan, 62° at Biarritz.
Lowest 48° at Arosa, 50° at Munich, 51° at Christiansund, Parsonstown and Exford, and 52° at Skudesnæs,
 York, Loughborough, Falmouth and in London.
 The maxima registered yesterday were again below 60° at most of our northwestern, northern & eastern stations.

WIND

Light or moderate from the N.W. over England, France and the south of Ireland, but S.W. in the north of Ireland and S. in the Hebrides.
 N.W. over the east of Scotland as well as in Denmark, Germany and the south of Scandinavia, with a moderate gale at Skudesnæs. Variable in the north of Scandinavia.
 A fresh to strong gale from the N.W. was experienced yesterday on the southeast coast of England.

WEATHER

Fair over the greater part of England and France, but dull at some of the more central stations; fine and bright in Denmark and the south of Sweden.
 Dull on our extreme N. and N.W. coasts, with rain at Mullaghmore; rain is also falling at Munich.
 Showers fell yesterday at some of our S.E. stations, and steady rain in many parts of France and Germany.

SEA

Rough at Cape Eric Hey and rather rough off the east and south east of England, but light or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new depression is approaching our northern coast and seems likely to occasion cloudy, unsettled weather in many parts of the Kingdom. The disturbance is apparently of no great size or depth.

FORECASTS

For the 24 hours ending at NOON on 22nd JULY 1892.

DISTRICTS.

FORECASTS.

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

Wind backing to the S.W. or S. or S.E.; dull, unsettled, some rain.
 N. to W. winds, light; fair to dull & some rain.
 N. to N.W. or W. winds, light or moderate; fair to dull and some rain.

DISTRICTS.

FORECASTS.

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

S.W. to W. winds, freshening; dull, unsettled, some rain.
 W. winds, freshening; fair to dull and some rain.
 N.W. winds, light or moderate; fair generally.
 Same as N° 6.
 Same as N° 8.

WARNINGS

The warning signals were lowered yesterday on all coasts.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeenæs ...	30.17	59	55	NW	6	bc	3	Valencia ...	30.33	60	58	NW	4	bcg	4
Sanburgh Head ...	30.12	51	48	NW	3	o	3	Scilly ...	30.20	58	55	N	5	bc	4
Stornoway ...	30.21	56	53	NW	3	bc	3	Jersey ...	30.04	63	57	N	5	bc	4
Aberdeen ...	30.18	55	48	NW	4	bcg	4	Hurst Castle ...	30.04	62	56	NNE	7	bc	1
Shields ...	30.14	55	53	NNE	4	c	5	Dungeness ...	29.89	61	58	NE	6	bcg	5
Ardrossan ...	30.18	64	58	N	3	c	2	North Foreland ...	29.81	60	58	NNE	8	bc	6
Malin Head ...	30.24	56	50	NW	4	c	2	London ...	30.00	61	55	NNW	3	o	*
Mullaghmore ...	30.29	58	52	NW	2	c	2	Yarmouth ...	29.98	58	54	N	6	bcg	6
Belmullet ...	30.32	59	51	N	2	bc	*	Rochefort ...	30.01	61	56	NW	6	o	*
Holyhead ...	30.20	57	54	NW	4	c	4								

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

Weather in morning fine and bright over Spain, the southern and eastern shores of the Mediterranean and southeastern Europe, also at most of the western stations in the United Kingdom; cloudy or overcast and unsettled elsewhere, rainy over the Baltic Provinces, the southeast of England, Belgium and the N.E. and E. of France. Considerable rain later over Germany and the east of France and a little in the southeast of England; slight local showers at our northern stations.

Temperature very low for the time of year over the northwestern and western countries, and falling over southeastern Europe. Morning readings 80° or more at Constantinople, Algiers and Oran and above 70° at most of the Mediterranean and Adriatic stations. Above 60° over Russia, Finland and the northern half of Sweden, below that value elsewhere. Lowest +8° at Sanburgh H. and Wick, 5° at Aberdeen, 5° at Christiansund and Narvik, 5° at Malin Head. Rising to between 60° and 70° over the greater part of England and Ireland later, and to between 70° and 80° in the south of France and at Lisbon.

Wind NE³ over the northern parts of Scandinavia and Scotland, N⁴ strong to a gale over England, chiefly NW³ to W⁴ over SWth Europe and the Mediterranean; (2) light NE³ over Finland, moderate W³ over the Baltic, light NW³ to W³ over Poland and Hungary. Moderating steadily over England later, but blowing strongly from between N and NW over the Netherlands and France. Beginning to back towards SW on our northwestern coasts in the afternoon.

Barometer highest 30.3 ins. to 30.0 ins. in the eastern portion of a very large high-pressure system spreading from the Atlantic over Spain, the Bay of Biscay and the greater part of the United Kingdom. Lowest 29.6 ins. and less to 29.8 ins. in a large and complex depression covering the Netherlands, the N.E. and E. of France, western Germany, Nth Italy and the Adriatic, and also in another system lying over the Baltic Provinces and NWth Russia. Rising steadily in our Islands later as the Belgic depression moved southwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday 22nd July 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	WIND.		Weather.	Barometer.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.				Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.		Wet Bulb.	Change in dry since Yesterday.	Dir.		Force (0 to 12).	Weather.	Weather.
Ina.	°			Ina.	°	°	°	°							Ina.						
SCANDINAVIA.	Haparanda ...	29.72	63	2	0	0	29.65	-0.06	58	57	-13	SW	4	0	0	0	79	57	0.43		
	Hernösand ...	29.76	62	NW	2	b	29.82	+1.17	53	49	-6	WNW	2	b	0	0	70	54	—		
	Stockholm ...	29.81	60	SE	2	b	29.86	+1.12	64	59	-1	NNE	2	b	0	0	75	54	—		
	Wisby ...	29.83	60	W	4	b	29.88	+1.12	60	58	+1	NW	4	b	0	0	70	52	—		
	Bodö ...	29.93	48	SW	4	0	29.89	-0.05	48	46	0	W	2	c	2	0	50	48	—		
	Christiansund...	30.00	52	NE	1	bc	29.93	-0.07	53	51	+4	S	2	c	3	bc	55	48	—		
	Skudesnaes ...	30.13	52	NW	4	c	30.06	+1.10	56	54	+4	WNW	2	0	2	c	5	48	—		
	Christiania Fjord (Færder)	29.87	66	SW	3	b	29.89	+0.04	63	60	+1	N	2	b	1	b	70	61	—		
	Skagen (The Scaw)	29.93	58	W	1	b	29.96	+0.06	58	55	-1	WNW	2	b	1	b	72	54	—		
	Fanö ...	30.01	56	WNW	2	0	30.10	+1.19	57	53	+2	NW	6	c	0	0	63	52	—		
ISLANDS.	Sumburgh Head	30.05	53	W	3	0	30.02	-0.06	52	52	+1	W	4	0	4	0	56	50	0.9		
	Stornoway ...	30.12	57	W	4	0	30.16	+0.03	57	56	+2	W	3	b	3	0	60	52	—		
	Wick ...	30.16	59	NW	1	0	30.14	-0.01	57	58	+3	NW	2	0	1	0	63	53	—		
	Nairn ...	30.10	62	W	1	c	30.16	0.00	57	54	+3	SW	2	c	1	c	66	51	0.01		
	Aberdeen ...	30.14	56	S	2	c	30.19	-0.01	60	53	+3	WNW	2	c	1	bc, d, f	61	52	0.01		
	Leith ...	30.14	63	W	3	bc	30.21	+0.01	53	55	+5	W	1	0	0	bc	71	53	—		
	Shields ...	30.15	57	SE	3	c	30.18	-0.02	53	57	+5	NW	1	c	3	c	53	51	—		
	Spurn Head ...	30.18	54	SE	2	b	30.20	0.00	56	54	+2	SW	2	bc	3	b	59	50	—		
	York ...	30.18	67	W	2	b	30.23	0.00	57	55	+5	W	1	0	0	b	61	50	—		
	Loughborough	30.20	64	NW	1	c	30.25	-0.01	55	52	+3	NW	1	bmw	0	c	66	43	—		
BRITISH.	Ardrossan ...	30.19	56	SW	1	0	30.25	+0.02	60	57	+2	WNW	2	bc	1	bc, o	61	52	—		
	Malin Head ...	30.20	59	W	3	b	30.26	+0.04	57	55	+3	SW	2	0	2	m, b, f	58	54	0.01		
	Mullaghmore ...	30.27	58	W	2	om	30.27	+0.01	57	56	+3	WNW	2	op	2	om	60	53	0.03		
	Belmullet ...	30.30	58	NW	2	bc	30.32	+0.01	57	54	-1	WNW	1	0	0	bc	62	56	—		
	Donaghadee ...	30.23	61	W	3	0	30.28	+0.01	57	54	+3	NE	3	m	1	0	63	52	—		
	Liverpool (Bidston)	30.24	59	WNW	2	bc	30.26	0.00	57	53	+3	WNW	2	c	3	bc	60	52	—		
	Holyhead ...	30.25	55	NW	1	bc	30.28	+0.01	56	54	-2	N	1	og	2	b, bc	60	54	0.01		
	Parsonstown ...	30.27	56	2	0	0	30.29	-0.02	58	56	+7	2	0	0	0	0	5	53	—		
	Valencia ...	30.31	61	NW	4	b	30.32	-0.04	60	57	+4	2	0	om	1	b, f, b	63	53	—		
	Roche's Point	30.28	65	SW	3	bc	30.29	-0.04	60	59	+3	SE	1	m	2	bc	66	56	—		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.25	60	N	1	b	30.26	-0.03	58	56	0	NNE	1	bcw	0	b	61	53	—		
	Scilly ...	30.27	61	N	2	b	30.24	-0.04	61	57	+2	ENE	2	b	2	b	63	53	—		
	Prawle Point ...	30.23	59	W	2	b	30.26	-0.01	60	56	+4	ENE	2	b	1	b	62	51	—		
	Jersey (St. Aubin's)	30.24	63	NW	3	bm	30.25	-0.02	59	57	+1	NNE	2	om	1	bc, c	69	51	—		
	Hurst Castle ...	30.21	63	W	3	c	30.25	-0.02	59	57	+1	NNE	2	om	1	bc, c	69	51	—		
	Dungeness ...	30.19	58	SE	1	bc	30.24	+0.07	61	58	+3	SE	2	bc	1	c, bc, m	61	46	—		
	North Foreland	30.18	57	N	2	bc	30.24	+0.07	59	53	+5	E	2	b	2	c, bc	59	51	—		
	London ...	30.20	64	N	1	og	30.23	-0.01	60	53	+3	S	1	bmw	0	c, b, og	67	47	—		
	Oxford ...	30.22	61	NW	1	0	30.25	-0.02	57	54	+6	N	1	0	0	c, b, og	67	46	—		
	Cambridge ...	30.21	62	NE	1	c	30.24	0.00	57	53	+3	SW	1	bm	0	c	67	46	—		
FRANCE AND BELGIUM.	Yarmouth ...	30.18	56	WNW	2	bc	30.24	+0.05	55	52	+3	S	2	b	2	c, bc	57	46	—		
	Cuxhaven ...	30.01	57	N	4	bc	30.10	+1.15	56	53	-4	WNW	3	bc	0	bc	61	53	—		
	Berlin ...	29.97	66	WNW	2	c	30.12	+1.20	53	53	0	WNW	3	b	0	c	73	52	—		
	Wiesbaden ...	30.00	52	N	2	0	30.17	+1.22	60	55	+3	N	2	0	0	0	63	54	—		
	Munich ...	30.00	52	NW	2	T	30.14	+1.30	53	52	+3	NW	1	c	0	0	61	50	0.35		
	The Helder ...	30.17	53	WNW	4	0	30.25	+1.16	56	54	+1	WNW	2	0	2	0	61	54	—		
	Brussels (9 a.m.)	30.16	57	N	2	b	30.25	+1.15	53	50	-1	NNE	1	0	0	bc	57	43	0.04		
	Cape Gris Nez	30.16	57	N	2	b	30.19	+0.03	58	51	+3	ENE	2	b	0	b	53	50	—		
	Paris ...	30.19	58	NNE	3	0	30.25	+1.11	53	50	-1	NE	2	0	0	0	61	46	—		
	Brest ...	30.21	63	NE	3	b	30.24	0.00	53	52	-1	E	2	b	1	b	66	48	—		
PENIN- SULA.	Lorient ...	30.21	64	W	3	c	30.24	0.00	53	52	-2	ENE	3	b	2	c	68	52	—		
	Rochefort ...	30.16	70	WNW	4	b	30.16	-0.01	55	52	-3	E	3	bc	0	b	72	52	—		
	Belfort ...	30.16	70	W	3	0	30.16	-0.01	55	52	0	E	3	0	0	0	63	51	0.04		
	Lyons ...	30.04	59	WNW	2	0	30.09	+1.14	56	53	+2	N	3	0	0	0	63	54	0.04		
	Nice ...	29.71	66	2	0	c	29.84	+1.21	66	56	+6	E	1	b	1	c	75	57	—		
	Perpignan ...	30.02	63	NW	6	0	30.04	+0.06	65	54	+2	NW	4	b	0	0	72	53	—		
	Biarritz ...	30.21	66	N	4	bc	30.18	-0.06	60	56	-2	S	1	b	1	bc	70	55	—		
	Corunna ...	30.05	66	N	3	0	30.02	-1.14	65	61	-1	WNW	4	b	0	0	77	61	—		
	Lisbon ...	30.05	66	N	3	0	30.02	-1.14	65	61	-1	WNW	4	b	0	0	77	61	—		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Friday, 22nd July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ forces above 10; → forces 8 to 10;

→ forces 5 to 7; → forces 1 to 4.

○ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.803
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.937
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

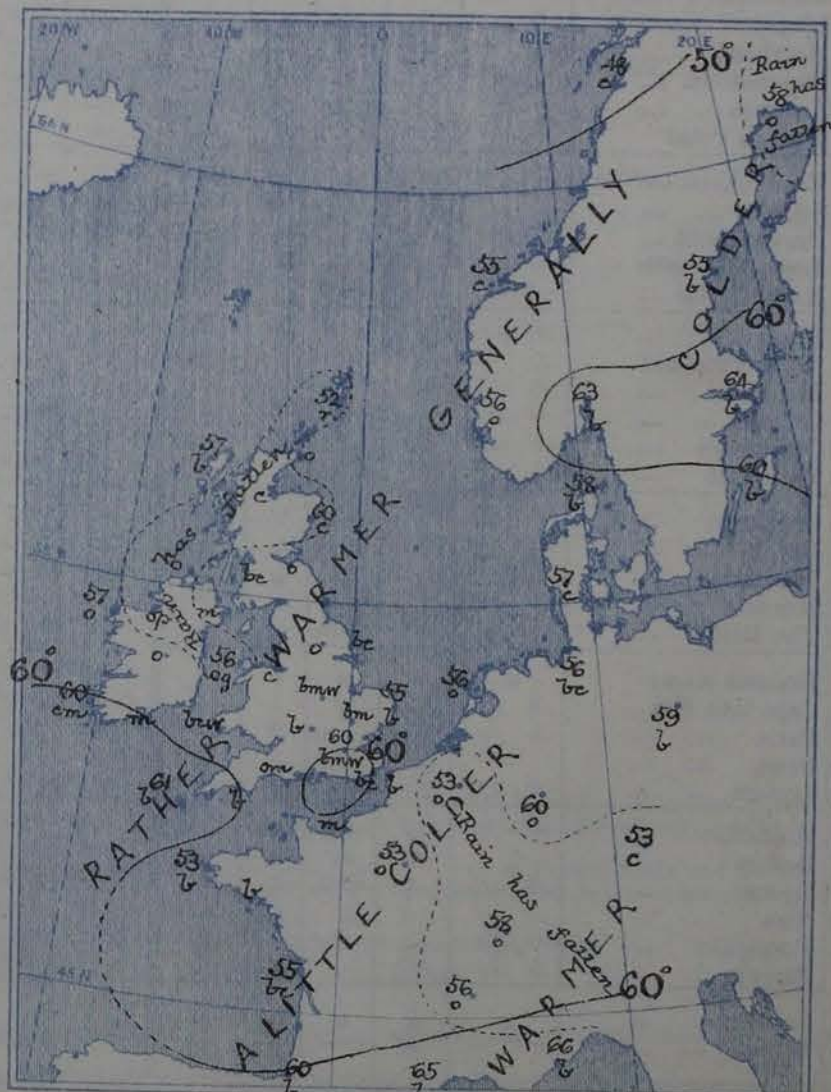
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	67.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.0	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards, in the west of Ireland; 30.1 in. and upwards in a large anticyclone covering our Islands, the Netherlands, the North Sea, Germany, and the greater part of France.
 Lowest, 29.7 in. and less, in the north of Sweden; 29.9 in. and less over the Gulf of Genoa.
 Gradients slight. Barometer rising generally, but falling a little in the Shetlands and the west of Norway.

TEMPERATURE

Highest, (1) 66° at Nice, 65° at Perpignan and Biarritz, and 61° at Bally and Dungeness; (2) 64° at Stockholm, 63° at Trondheim, and 60° at Murby.
 Lowest, (1) 48° at Leeds, and 52° at Edinburgh; (2) 53° at Brussels, Paris, Tientsin, Louvain, and Munich.
 The highest maxima registered over our Islands yesterday were 71° at Leith, 69° at Hunt Castle, and 68° at York.

WIND

Light from the West or S.W. over the northern parts of the United Kingdom, and from the N.W. over Denmark, Germany, and the south of Scandinavia.
 Variable or light from the South in the southeast of England; light E. or N.E. over the Channel and France.

WEATHER

Fair or fine over the greater part of Western Europe, but dull in the Netherlands and central France, as well as in the extreme west and north of our Islands, with passing showers at Mullaghmore and with rain in the Shetlands.
 Light rain fell yesterday at several of our northern and northwestern stations.

SEA

Smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone seems to be fairly well established, and fine weather is therefore likely to prevail generally, with a rise of temperature in most districts.

FORECASTS

For the 24 hours ending at NOON on 23rd July

1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | W ² and S.W. ² winds, moderate; cloudy, rain locally. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | W ² winds, light; fair generally. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | Variable or N.E. ² airs; fine generally, warmer. |

DISTRICTS.

FORECASTS.

- | | | |
|----------|---------------|--|
| 6 | SCOTLAND WEST | Same as Nos 1 and 2. |
| 7 | ENGLAND N.W. | Light breezes, chiefly N.W. ² ; fair generally. |
| 8 | ENGLAND S.W. | N.E. ² winds, light; fine, warmer. |
| 9 | IRELAND NORTH | Same as No 0 |
| 10 | IRELAND SOUTH | Same as No 7. |
| WARNINGS | | None issued. |

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.01	52	50	NW	6	c	3	Valencia ...	30.23	62	57	NNW	4	br	4
Sumburgh Head ...	30.07	52	50	NNW	3	o	3	Scilly ...	30.20	62	57	NNE	1	b	2
Stornoway ...	30.11	59	53	S	4	o	4	Jersey ...	30.24	63	56	NNE	3	b	3
Aberdeen ...	30.16	60	53	S	2	bc	1	Hurst Castle ...	30.23	63	50	WSW	4	bc	2
Shields ...	30.17	56	51	E	3	c	3	Dungeness ...	30.20	57	53	N	2	c	2
Ardrrossan ...	30.21	57	55	W	2	bc	1	North Foreland ...	30.16	56	52	N	2	c	3
Malin Head ...	30.23	56	56	W	3	o	2	London ...	30.22	63	52	N	2	bc	*
Mullaghmore ...	30.24	60	57	NNW	2	om	2	Yarmouth ...	30.20	57	50	NNW	3	c	3
Belmullet ...	30.31	60	57	NNW	2	bc	*	Rochefort ...	30.17	69	60	NNW	5	b	*
Holyhead ...	30.24	58	54	NNW	1	b	2								

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

Weather in morning fair generally, over Spain, France, the greater part of the British Islands, the North Sea, Denmark, and the greater part of Sweden; cloudy or overcast elsewhere, dull and very unsettled over northern Italy, with rain in places. Rain later in South Germany and also at Haparanda (Gulf of Bothnia) and slight showers locally in the northern parts of the British Islands and the south of France.

Temperature still very low over northern Europe. Morning readings ranging between ⁽¹⁾70° and 82° over the greater part of the Mediterranean, (2) ranging between 65° and 72° over central and northern Russia, much lower elsewhere. Below 60° over France, Germany, and the British Islands generally, and as low as 48° at Rode, 51° at Christiania, 54° at Edinburgh, 54° at Carrington, 52° at Falmouth, 42° at Mann and Lingsö. Rising later to 70° and more both in the south of France and over Sweden, and to 65° and more in many parts of Great Britain (71° at Fife).

Wind very variable, mainly N² over western and central Europe, but W¹ strong to moderate over the Mediterranean, SE¹ over Russia. Very variable and light over Ireland, Scotland, and the northwest of Norway. Becoming NW¹ and W¹ in the last named regions during day, light and variable over England.

Barometer highest 30.3 ins. and more to 30.1 ins. in the eastern part of an anticyclone spreading from the Atlantic over the British Islands, France, and Spain; 29.9 ins. and more, over central and northern Russia. Lowest, 29.6 ins. and less, in a depression over the northern part of Italy and the Gulf of Bothnia, and in another over the Baltic Provinces, 29.7 ins. and less, in a third (small one) over Hungary. No great change later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday 23rd July.

1892.

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

STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.		
	BAROM.	TEMP.	WIND.			BAROMETER.	SHADE TEMP.			WIND.						SHADE TEMP.		
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 3).	Weather.	Max.	Min.	Amount of Rainfall.
	Ins.	°				Ins.		°	°									Ins.
SCANDINAVIA.	Haparanda ...	29.70	53	NW	2	0	29.77	+12	58	54	0	SW	2	b	*	63	54	0.04
	Hernösand ...	29.82	61	2	0	b	29.80	+08	53	53	+4	2	0	c	*	81	46	—
	Stockholm ...	29.87	65	ENE	2	b	29.80	+04	66	60	+2	2	0	b	*	77	52	—
	Wisby ...	29.71	64	S	4	b	29.77	+06	53	56	-1	W	4	b	*	73	55	—
	Bodö ...	29.82	47	2	0	c	29.79	-10	49	46	+1	2	0	7	0	50	45	0.24
	Christiansund...	29.12	2	NW	5	f	29.01	+08	52	48	-3	WSW	6	0	3	55	44	—
	Skudesnaes ...	29.08	54	NNW	4	f	29.12	+06	56	50	0	NNW	3	0	2	55	46	—
	Christiania Fjord (Færder)	29.86	64	ENE	4	b	29.88	-01	63	58	0	N	4	b	3	66	61	—
	Skagen (The Seaw)	29.94	59	NW	3	b	29.88	+02	62	58	+4	NW	4	b	2	68	57	—
	Fanö ...	29.23	57	NNW	3	0	29.19	+09	57	53	0	NN	6	c	*	59	50	—
BRITISH ISLANDS.	Sumburgh Head	29.08	52	N	2	0	29.15	+13	51	50	-1	W	1	0	2	55	49	—
	Stornoway ...	29.16	58	N	5	7	29.26	+10	56	53	-1	W	2	0	3	61	56	0.02
	Wick ...	29.18	59	NW	2	0	29.24	+10	54	52	-3	NNW	4	0	2	65	53	0.01
	Nairn ...	29.18	60	N	2	c	29.25	+07	57	52	0	2	0	b	1	67	51	—
	Aberdeen ...	29.19	60	ENE	2	c	29.27	+08	58	52	-2	NN	3	b	1	65	51	—
	Leith ...	29.22	63	N	2	0	29.27	+06	63	56	+4	W	1	b	*	67	51	—
	Shields ...	29.21	59	E	2	b	29.26	+08	58	53	-1	NN	2	c	2	64	50	—
	Spurn Head ...	29.20	58	ENE	1	b	29.25	+05	58	57	+2	N	2	c	2	62	53	0.02
	York ...	29.21	67	NE	1	b	29.28	+06	59	54	+2	N	3	b	*	72	54	—
	Loughborough	29.22	61	NNW	1	0	29.30	+08	58	53	+3	NNW	2	omw	*	76	50	—
GERMANY & HOLLAND.	Ardrossan ...	29.26	57	N	2	0	29.30	+05	56	53	-4	W	1	c	1	61	52	—
	Malin Head ...	29.28	57	NNW	2	0	29.33	+07	56	54	-1	NNW	2	0	1	59	53	0.01
	Mullaghmore ...	29.31	57	N	2	c	29.36	+07	56	54	-1	SW	1	0	1	59	52	0.02
	Belmullet ...	29.32	60	NW	1	b	29.37	+05	58	54	+1	SW	1	0	*	62	52	—
	Donaghadee ...	29.30	57	ENE	2	m	29.34	+06	57	52	0	NNE	3	m	1	63	53	—
	Liverpool (Bldston)	29.27	59	NNW	3	c	29.32	+06	57	52	0	NNW	2	0	3	63	56	—
	Holyhead ...	29.29	58	N	2	c	29.33	+05	57	53	+1	NNE	1	0	1	61	53	—
	Parsonstown ...	29.29	63	X	0	0	29.34	+05	57	52	-1	2	0	0	0	66	54	—
	Valencia ...	29.32	61	NNW	3	om	29.34	+02	62	58	+2	2	0	0	om	63	57	—
	Roche's Point	29.31	63	ENE	1	b	29.33	+04	62	57	+2	SE	1	b	1	66	58	—
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.26	63	NNE	3	b	29.32	+06	62	60	+4	E	2	b	0	66	54	—
	Scilly ...	29.25	61	NE	1	b	29.26	+02	61	59	0	NE	2	b	0	63	56	—
	Prawle Point ...	29.25	64	NW	1	b	29.28	+02	65	60	+5	ENE	3	b	2	65	53	—
	Jersey (St. Aubin's)	29.24	66	SW	2	b	29.28	+04	58	56	-1	NNE	1	omw	0	70	51	—
	Hurst Castle ...	29.22	60	2	0	b	29.24	0.0	60	59	-1	SW	1	c	1	64	48	—
	Dungeness ...	29.25	59	SE	3	b	29.26	+02	57	54	-2	SW	2	0	2	62	53	—
	North Foreland	29.22	61	S	1	b	29.28	+05	59	53	-1	SW	1	m	*	61	49	—
	London ...	29.23	65	NNW	1	0	29.28	+04	60	57	+3	NW	1	b	*	71	52	—
	Oxford ...	29.21	73	SW	1	b	29.26	+02	61	58	+4	NW	1	b	*	75	52	—
	Cambridge ...	29.21	60	S	3	b	29.24	0.0	59	57	+4	SW	2	f	2	61	54	—
PENINSULA.	Cuxhaven ...	29.17	59	NW	4	b	29.21	+11	59	57	+3	NNW	2	b	*	61	56	—
	Berlin ...	29.13	62	NNW	2	b	29.20	+08	58	57	-1	NNW	2	b	*	68	52	—
	Wiesbaden ...	29.17	57	SW	2	c	29.24	+07	59	54	-1	N	2	b	*	68	48	—
	Munich ...	29.17	57	SW	2	c	29.21	+07	59	53	0	NNE	2	b	*	66	48	—
	The Helder ...	29.27	58	N	1	b	29.30	+05	57	53	+1	W	1	0	1	61	52	—
	Brussels (3 a.m.)	*	*	*	*	*	29.28	+03	59	56	+6	NNE	1	b	*	61	48	—
	Cape Gris Nez	29.20	60	NE	3	b	29.23	+04	58	56	+2	S	1	b	*	64	52	—
	Paris ...	29.21	62	N	3	b	29.25	0.0	58	51	+2	NNE	2	b	*	67	46	—
	Brest ...	29.18	67	NE	3	b	29.21	?	54	53	+1	E	2	b	0	70	50	—
	Lorient ...	29.18	66	NNW	2	b	29.21	-03	56	53	+3	ENE	3	b	2	70	54	—

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 23rd July, 1892.

BAROMETER, WIND AND SEA.

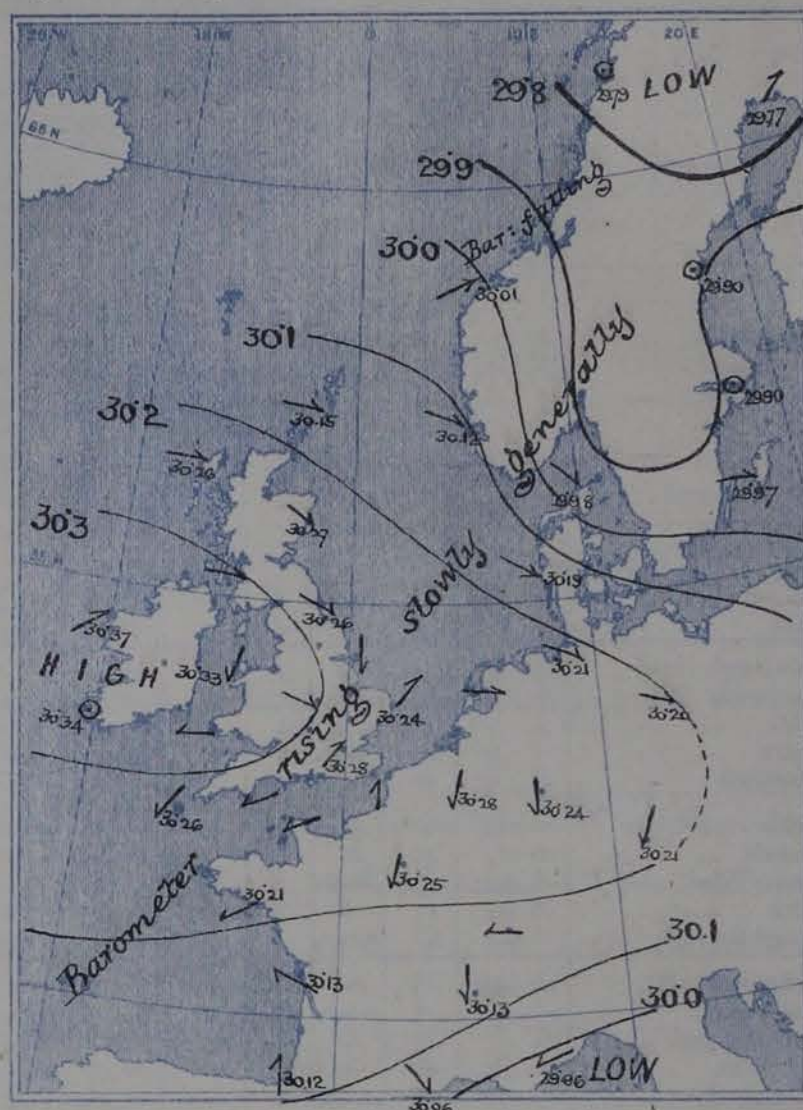
EXPLANATION OF MAP.

BAROMETER—Isobars are drawn for each tenth of an inch.
Changes since previous morning are stated in words.
WIND—Arrows shew the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus—
→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; →→ = forces 1 to 4.
○ = dead calm.
SEA DISTURBANCE—Where considerable, is shewn thus:
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.796
Wick	29.806
Nairn	29.816
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghnore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.936
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL. (For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
			Dry.	Wet.	
Sumburgh Head	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.2	55.5	53.8	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.3	58.3	56.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghnore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	58.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.0	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.3	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	68.6	54.9	60.3	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and upwards over Ireland, Wales, and the northwest of England; 30.1 ins. and upwards in an anticyclone covering the north part of Europe.
 Lowest, 29.8 ins. and less, in the north of Scandinavia; 30.0 ins. and less, in the extreme south of France, and also over the eastern part of the Finnish Peninsula.
 Gradients slight generally, but moderate (for NW winds) over Denmark and the south of Norway. Barometer rising generally.

TEMPERATURE

Highest (1) 72° at Nice, 68° at Perpignan, and 66° at Lisbon; (2) 66° at Stockholm, 63° at Jander and 62° at Skagen.
 Lowest, (1) 43° at Bodo, 51° at Lumburg, 52° at Christiansund, 54° at Væke and 56° at Stornoway, Andros, Malin, and Mullaghmore.
 The highest maxima registered over our Islands yesterday were 76° at Foughborough, 75° at Cambridge, and 72° at York and Oxford.

WIND

Light from the Wnd or SWnd on our extreme northern coasts, and from the NWnd in the east of Scotland and on the eastern shore of the North Sea.
 Light and variable in the southeast of England; E or NE over France and the western part of the Channel.

WEATHER

Fine over the greater part of Western Europe, but hazy at some of our southern stations, and dull in Ireland and the northwest of England. Rain is falling at Bodo.
 Slight rain fell yesterday at some of our extreme northern and northwestern stations.

SEA

Smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather.

FORECASTS

For the 24 hours ending at NOON on 24th JULY, 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | } Light breezes, chiefly W nd ; fair generally. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | N nd and NW nd winds, light; fine, warm. |
| 3 | ENGLAND EAST | } Light Variable airs; fine, warm. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | } Same as Nos 0 and 1. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | NE nd winds, light; fine, warm. |
| 9 | IRELAND NORTH | } Light Variable airs; fair generally. |
| 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.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.07	57	55	WNW	4	0	2	Valencia ...	30.34	60	57	NW	2	sm	2
Sumburgh Head ...	30.06	54	53	W	3	C	4	Scilly ...	30.26	62	57	WNW	2	bc	0
Stornoway ...	30.15	60	59	W	4	C	4	Jersey ...							
Aberdeen ...	30.19	63	56	S	1	C	1	Hurst Castle ...	30.25	67	63	SW	2	ny	1
Shields ...	30.21	59	56	ENE	2	C	3	Dungeness ...	30.24	64	58	WNW	2	b	1
Ardrossan ...	30.26	60	57	W	2	0	1	North Foreland ...	30.24	62	56	SE	2	b	3
Malin Head ...	30.24	58	56	WNW	1	0	1	London ...	30.22	63	59	E	1	sm	*
Mullaghmore ...	30.21	59	56	WNW	2	sm	2	Yarmouth ...	30.23	60	55	S	4	bc	3
Belmullet ...	30.23	?	?	NW	1	b	*	Rocheport ...	30.15	76	64	N	3	b	*
Holyhead ...	30.20	59	56	N	2	C	0								

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

Weather in morning fine generally over the British Islands and Western Europe, but hazy with heavy dew at several English stations, cloudy and slightly showery in the northwest of Ireland; cloudy or overcast both over northern and southeastern Europe with rain in places. Slight showers in the northern parts of Scotland & Ireland during day, little change elsewhere.

Temperature inclined to rise over the northwestern countries, fallen decidedly over Italy and Algeria. Morning readings exceeding 80° at Prindiv only, and below 70° over all the northern parts of the Mediterranean; exceeding 60°, however, over Austria, Poland, and Rumania and as high as 74° at Archangel. Lowest 48° at Oslo, 52° at Sumburgh, 55° at Christiansund and Hernösand. Rising later to 81° at Hernösand, and to nearly 80° at Stockholm and in the south and west of France, to 70° and more over many of the inland parts of England and to 60° and more over the United Kingdom generally.

Wind NW¹ over the Baltic and eastern shores of the North Sea, N¹ over Poland and eastern Germany, N¹ to NW¹ over the Mediterranean, SE¹ and very light over the northern half of Rumania. Very light and variable over the United Kingdom, E over the Bay of Biscay, NE¹ over Spain. Mainly N¹ but very light over Ireland and the Irish Channel later, W¹ to SW¹ in Scotland and the west of Norway.

Barometer highest 30.3 in. and more to 30.1 in. over Ireland, Great Britain, France, and the southeastern half of the North Sea; 30.0 in. and more to 29.9 in. over the eastern half of Rumania. Lowest 29.6 in. and less to 29.8 in. in a depression over the Adriatic and southeastern Europe, 29.7 in. and less in another over the northern extremity of the Gulf of Bothnia, 29.8 in. and less in a third (shallow one) over the Baltic Provinces and Gulf of Riga. Little change later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 24th July 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.		°	°	°					°	Inch.			
SCANDINAVIA.	Haparanda ...	29.80	57	SW	2	c	29.91	+ .14	60	54	+ 2	NE	2	b	#	c	64	46	—	
	Hernösand ...	30.01	56	WNW	2	b	30.09	+ .19	57	50	— 2	N	6	b	#	b	70	48	0.04	
	Stockholm ...	29.95	59	N	2	b	30.09	+ .19	58	51	— 8	NNE	4	b	#	b	75	57	—	
	Wisby ...	29.95	62	SSW	4	b	30.02	+ .05	58	57	— 1	ENE	6	0	#	b	68	55	—	
	Bodö ...	29.88	48	SW	4	o	30.04	+ .25	48	48	— 1	SW	4	0	2	o	50	46	0.24	
	Christiansund...	30.14	51	WSW	4	r	30.27	+ .26	51	48	— 1	SW	2	0	3	r	52	48	0.12	
	Skudesnaes ...	30.18	53	NNW	5	b	30.21	+ .09	54	50	— 2	NNW	6	c	2	b	59	52	—	
	Christiania Fjord (Færdar)	29.94	65	WSW	3	bc	30.12	+ .24	60	55	— 3	NNE	5	c	2	bc	68	59	—	
	Skagen (The Scaw)	30.02	57	W	3	b	30.11	+ .13	61	58	— 1	E	1	bc	0	b	66	54	—	
	Fanö ...	30.17	56	WNW	6	c	30.17	— .02	56	52	— 1	NW	4	c	#	c	63	54	—	
BRITISH ISLANDS.	Sumburgh Head	30.22	52	W	2	o	30.31	+ .16	51	50	— 0	W	1	0	1	o	54	49	—	
	Stornoway ...	30.31	62	W	2	b	30.33	+ .07	55	54	— 1	S	3	bc	3	b	64	46	—	
	Wick ...	30.33	57	NW	3	bc	30.36	+ .12	53	52	— 1	S	1	0	1	bc	60	49	—	
	Nairn ...	30.30	67	2	0	b	30.34	+ .09	54	54	— 3	2	0	bc	0	b	69	40	—	
	Aberdeen ...	30.33	55	SSE	2	bc	30.38	+ .11	56	53	— 2	ENE	2	bc	1	bc	66	43	—	
	Leith ...	30.29	65	E	1	b	30.41	+ .14	59	55	— 4	NNE	1	bc	#	b	70	50	—	
	Shields ...	30.30	58	E	2	b	30.36	+ .10	59	55	+ 1	SW	2	bc	#	b,f	61	45	—	
	Spurn Head ...	30.29	57	NNE	1	o	30.36	+ .11	58	53	— 0	NNE	2	bc	1	b	62	52	—	
	York ...	30.31	63	ENE	1	c	30.39	+ .10	57	52	— 2	N	1	b	#	c	68	44	—	
	Loughborough	30.29	67	NE	1	c	30.39	+ .09	53	52	— 5	NE	2	omv	#	c	71	49	—	
BRITISH ISLANDS.	Ardrossan ...	30.30	62	W	2	b	30.36	+ .06	58	56	+ 2	N	1	b	1	b	66	49	—	
	Malin Head ...	30.35	59	NW	2	b	30.37	+ .04	56	53	— 0	ENE	2	0	0	b	59	54	—	
	Mullaghmore ...	30.36	61	WNW	2	b	30.38	+ .02	57	55	+ 1	E	1	0	1	b	62	53	—	
	Belmullet ...	30.38	61	N	1	b	30.39	+ .02	59	56	+ 1	NNE	1	bc	#	b	63	52	—	
	Donaghadee ...	30.34	61	N	1	b	30.39	+ .05	58	55	+ 1	NNE	3	b	1	b	63	55	—	
	Liverpool (Bldston)	30.33	59	NW	2	c	30.37	+ .05	59	55	+ 2	ESE	1	bc	2	c	61	53	—	
	Holyhead ...	30.34	56	N	1	b	30.34	+ .01	57	54	— 0	2	0	bc	0	b	59	53	—	
	Parsonstown ...	30.33	65	2	0	c	30.38	+ .04	58	52	— 4	2	0	0	#	c	66	45	—	
	Valencia ...	30.35	63	WSW	1	o	30.37	+ .03	61	59	— 1	2	0	og	1	om	66	57	—	
	Roche's Point	30.34	62	SE	1	c	30.37	+ .04	63	58	+ 1	E	2	b	2	c	65	52	—	
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.30	62	NNE	3	b	30.32	+ .00	62	59	— 0	ENE	2	b	0	b	67	53	—	
	Scilly ...	30.27	64	NNE	3	b	30.26	+ .00	60	58	— 1	NE	4	bc	1	b	68	56	—	
	Prawle Point ...	30.26	65	ENE	1	b	30.29	+ .01	62	59	— 3	NE	3	m	2	b	68	57	—	
	Jersey (St. Aubin's)	30.26	64	30.31	+ .03	63	61	+ 5	ENE	2	m	1	cm	72	57	—	
	Hurst Castle ...	30.26	64	WSW	2	c	30.31	+ .03	63	61	+ 5	ENE	2	m	1	cm	72	57	—	
	Dungeness ...	30.23	63	WNW	2	c	30.28	+ .04	62	60	+ 2	NE	3	c	2	c	65	52	—	
	North Foreland	30.23	65	S	1	o	30.30	+ .04	60	58	+ 3	NE	2	bc	3	o	65	55	—	
	London ...	30.25	69	NNE	1	c	30.34	+ .06	55	53	— 4	NNE	2	0	#	b	74	54	—	
	Oxford ...	30.29	61	NW	1	b	30.36	+ .07	55	53	— 5	NE	2	om	#	bc	72	51	—	
	Cambridge ...	30.25	66	NW	1	bc	30.36	+ .10	58	56	— 3	NE	1	0	#	bc	72	51	—	
FRANCE AND BELGIUM.	Yarmouth ...	30.27	61	N	3	c	30.32	+ .08	57	55	— 2	NE	4	c	3	c	64	55	—	
	Cuxhaven ...	30.24	56	NW	3	bc	30.24	+ .03	57	54	— 2	NW	3	0	#	bc	59	55	—	
	Berlin ...	30.20	63	NW	2	c	30.22	+ .02	59	55	+ 1	WNW	3	0	#	c	68	55	—	
	Wiesbaden ...	30.24	61	2	0	c	30.26	+ .02	61	57	+ 2	2	0	2	#	#	70	50	—	
	Munich ...	30.24	61	2	0	c	30.26	+ .05	57	52	+ 4	NE	2	b	#	c	68	48	—	
	The Helder ...	30.21	59	NNW	1	b	30.34	+ .04	57	53	— 0	NNW	2	c	2	b	64	55	—	
	Brussels (9 a.m.)	30.22	61	2	0	b	30.29	+ .01	62	57	+ 3	NNE	1	b	#	o	70	51	—	
	Cape Gris Nez	30.22	61	2	0	b	30.28	+ .05	60	58	+ 2	NE	3	c	1	b	66	55	—	
	Paris ...	30.21	69	NNE	2	b	30.26	+ .01	60	54	+ 5	NE	2	b	#	b	72	50	—	
	Brest ...	30.17	72	E	3	b	30.20	+ .01	59	56	+ 5	E	3	b	2	b	79	52	—	
FRANCE AND BELGIUM.	Lorient ...	30.17	68	NW	2	b	30.20	+ .01	60	56	+ 4	ENE	4	c	2	b	75	56	—	
	Rochefort ...	30.06	80	E	4	b	30.09	+ .04	63	59	+ 5	ENE	4	b	#	b	91	58	—	
	Belfort ...	30.09	71	N	1	b	30.17	+ .04	61	56	+ 2	N	1	b	#	b	74	57	—	
	Lyons ...	30.00	73	SW	1	b	30.04	+ .08	71	57	+ 4	NE	1	b	0	b	81	63	—	
	Nice ...	30.03	77	SSW	2	b	30.09	+ .03	70	64	+ 2	W	2	b	#	b	84	54	—	
	Perpignan ...	30.00	81	E	3	b	30.02	+ .10	66	61	+ 7	ESE	2	bc	1	b	84	69	—	
	Biarritz ...	30.00	81	E	3	b	30.02	+ .10	66	61	+ 7	ESE	2	bc	1	b	84	69	—	
	Corunna ...	30.01	69	NW	4	b	30.06	+ .08	68	63	+ 2	E	2	b	#	b	79	63	—	
	Lisbon ...	30.01	69	NW	4	b	30.06	+ .08	68	63	+ 2	E	2	b	#	b	79	63	—	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Sunday, 24th July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

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

— forces above 10; — forces 8 to 10;

— forces 5 to 7; — forces 1 to 4.

○ = dead calm.

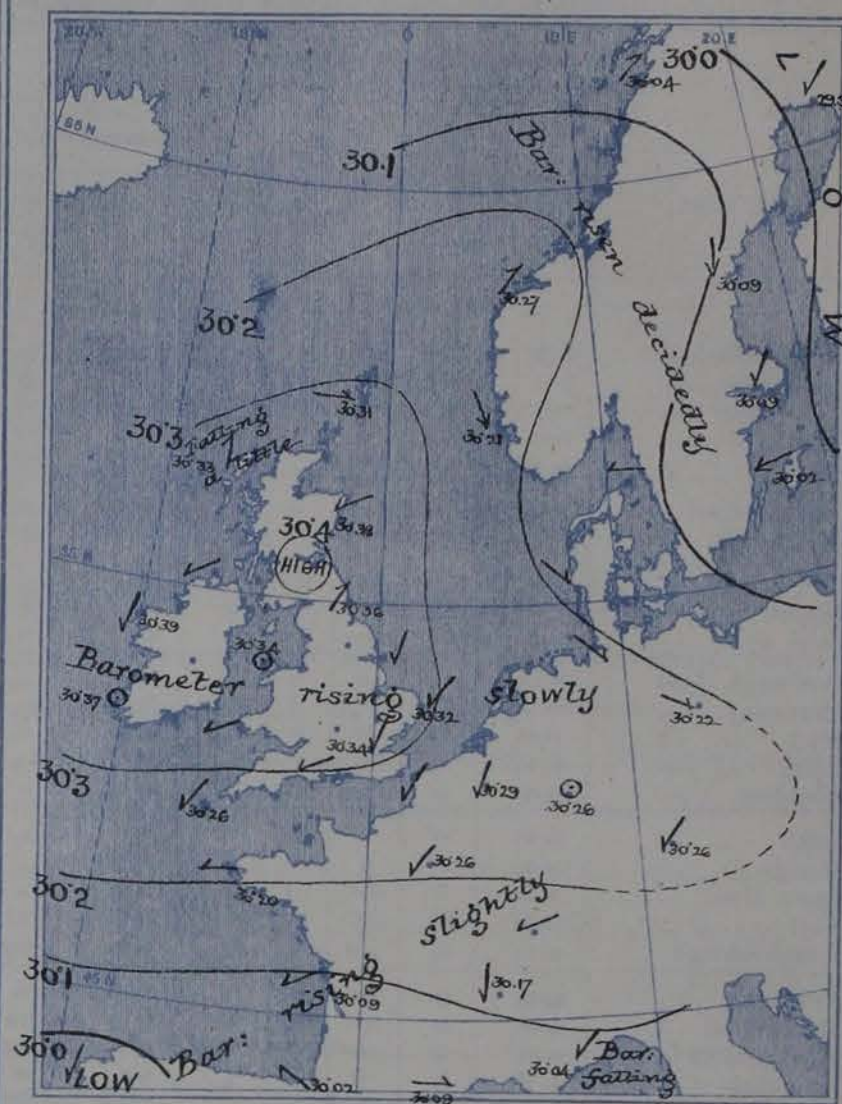
SEA DISTURBANCE—Where considerable, is shown thus:

— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.808
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

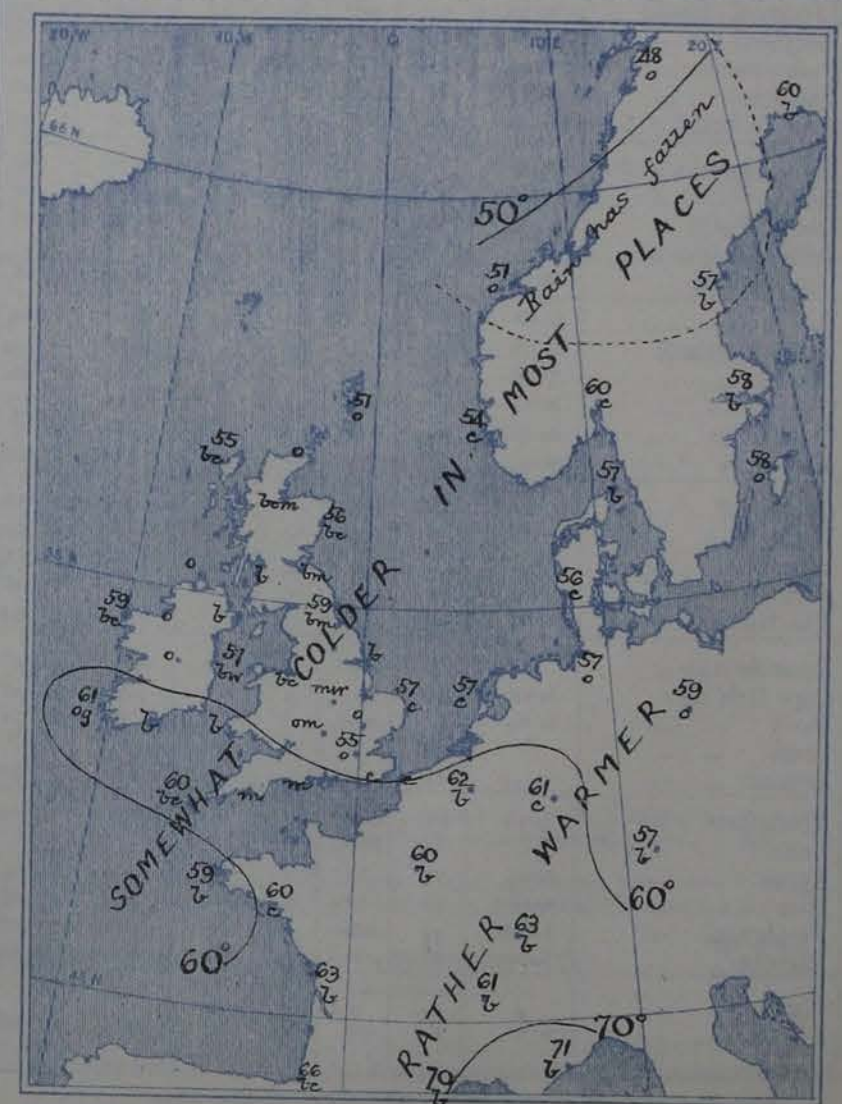
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			(Dry.)	(Wet.)	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway.....	60.2	48.9	55.5	53.8	3.02
Wick.....	61.8	48.7	55.8	53.5	2.34
Nairn.....	64.3	50.9	56.7	53.3	2.59
Aberdeen.....	63.9	50.6	57.5	53.9	2.78
Leith.....	66.7	51.2	58.4	54.9	2.85
Shields.....	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York.....	68.7	51.9	59.2	56.9	2.70
Loughborough.....	71.5	52.6	61.4	57.6	2.34
Ardrossan.....	63.5	52.8	57.3	54.6	2.91
Mullaghmore.....	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.6	2.82
Holyhead.....	63.8	54.3	58.1	55.8	2.40
Liverpool.....	65.9	54.2	59.4	55.6	2.96
Parsonstown.....	66.4	51.5	58.1	54.8	2.96
Valencia.....	64.0	53.6	58.9	56.4	3.90
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly.....	64.4	55.2	60.2	58.1	2.46
Prawle Point.....	64.5	53.7	59.6	57.3	2.24
Jersey.....	68.3	56.2	62.0	58.9	2.40
Hurst Castle.....	67.8	55.6	61.1	58.8	2.20
Dover.....	66.8	55.3	61.9	58.4	1.96
LONDON.....	72.4	64.0	62.0	57.3	2.38
Oxford.....	69.6	53.4	60.0	56.6	2.58
Cambridge.....	71.0	52.2	61.3	57.7	2.42
Yarmouth.....	66.6	54.0	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: to 30.4 in: in an anticyclone lying over the whole of our Islands.
 Lowest, 30.0 in: and less, in the north of Sweden, and also in a shallow depression lying over the northwestern part of the Spanish Peninsula.
 Gradients slight. Barometer rising generally, most in Scandinavia.

TEMPERATURE

Highest, 79° at Corunna, 71° at Ales, 70° at Perpignan, 68° at Lisbon, 66° at Biarritz, and 63° at Rocherpoint, Hurst Castle and Rochfort.
 Lowest, 48° at Bodo, 51° at Christiansund and Sumburg H., 53° at Wick, Parosutou, and Loughborough, and 54° at Skudsmoer and Naime.
 During yesterday the thermometer rose a little above 70° in several of the inland parts of Great Britain, the highest reading being 74° in London.

WIND

Light from the End or NEnd over the greater part of our Islands and France, but S¹ in the north of Scotland.
 Light or moderate from the SWnd in the west of Norway, moderate to strong from the Nnd over Sweden and the south of Norway; light from the NWnd in Denmark and North Germany.

WEATHER

Fine in nearly all parts of Western Europe, but dull over central England and also in Germany and the west of Norway.
 No rain fell yesterday in any part of our Islands or France.

SEA

Smooth or nearly all coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 25th JULY, 1892.

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

WARNINGS

FORECASTS.

None issued.

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.16	58	51	NNW	5	0	2	Valencia ...	30.36	66	61	WNW	2	om	1
Sumburgh Head ...	30.20	53	51	W	2	0	2	Scilly ...	30.26	67	61	NE	2	b	0
Stornoway ...	30.29	64	63	W	2	b	3	Jersey ...							
Aberdeen ...	30.29	65	56	SE	2	b	1	Hurst Castle ...	30.27	68	62	WSW	1	c	1
Shields ...	30.29	58	54	E	2	0	2	Dungeness ...	30.25	64	62	WSW	2	b	1
Ardrossan ...	30.30	65	61	NE	2	b	1	North Foreland ...	30.24	65	57	S	2	c	2
Malin Head ...	30.35	57	53	N	2	b	1	London ...	30.23	72	61	SW	1	cm	*
Mullaghmore ...	30.37	61	58	WNW	3	b	2	Yarmouth ...	30.23	73	60	S	2	om	2
Belmullet ...	30.37	63	57	S	1	b	*	Rochefort ...	30.12	86	76	ESE	4	b	*
Holyhead ...	30.35	57	56	N	1	b	1								

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

Weather in morning fine over the western, northwestern, and central countries, but hazy or dull at several stations in the British Islands, changeable both over northern and southeastern Europe, with rain at Rode and Copenhagen. Showers later in several parts of Scandinavia and heavy falls at Moscow, Trieste and Palermo. Remaining dry over the United Kingdom.

Temperatures not above 80° at any station; above 70° however, over Southeastern Europe and the Mediterranean, and above 60° over Finland, Russia, Austria and several parts of the British Islands; lower elsewhere and lowest of all 49° at Rode, 51° at Sumburgh H., 52° at Christiansund, and 52° at Wick. Rising later to 100° and more over Central Algeria, to 80° and more over Italy, Spain, and some parts of the south of France, and to 70° and more in many parts of England and Sweden; not reaching 55° at Sumburgh H.

Winds light and anticyclonic over the British Islands and France, NW¹ to W² over Scandinavia, Denmark, and the Baltic; NE¹ to N² over Poland and Austria-Hungary, N¹ to NW¹ over the Mediterranean, NE¹ over Spain. Becoming E¹ over the Bay of Biscay later, and blowing strongly from NW. at Palermo.

Barometer highest 30.3 ins. and more to 30.0 ins. in the eastern part of a large anticyclone spreading eastwards from the Atlantic across the British Islands and western Europe to Germany; exceeding 30.0 ins. over Central Russia also. Lowest 29.8 ins. and less, over Lapland and the White Sea, and in a small secondary depression over Sweden; 29.7 ins. and less, over southeastern Europe and the Black Sea. Falling later both over northern and southeastern Europe, rising very slightly over the British Islands.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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

DAILY WEATHER REPORT

for 8 a.m. on *Monday 25th July.*

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Shade Temp.		Amount of Rainfall.				
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Weather.	Max.	Min.							
Inch.	°			Inch.	°	°	°					ins.									
SCANDINAVIA.	Haparanda ...	30.06	56	2	0	b	30.14	+22	61	56	+1	S	2	b	*	66	46	—			
	Hernösand ...	30.10	58	NW	2	bc	30.24	+15	58	51	+1	NNW	2	b	*	70	48	—			
	Stockholm ...	30.10	57	2	0	b	30.21	+12	60	54	+2	NW	2	b	*	70	52	0.04			
	Wisby ...	30.14	54	NE	4	b	30.12	+10	58	54	0	NNE	6	b	*	61	52	—			
	Bodö ...	30.21	49	SW	5	0	30.10	+06	52	48	+4	E	2	bc	1	62	46	—			
	Christiansund...	30.25	53	NNE	2	b	30.21	-06	54	49	+3	SEW	3	bc	2	54	48	—			
	Skudesnaes ...	30.27	53	NNW	6	0	30.28	+07	55	50	+1	NNW	6	b	2	57	48	—			
	Christiania Fjord (Færdar)	30.18	66	2	0	b	30.20	+08	65	61	+5	SEW	2	b	1	66	?	—			
	Skagen (The Scaw)	30.22	62	NE	2	b	30.26	+15	64	61	+3	SEW	1	b	0	70	57	—			
	Fanö ...	30.18	57	NW	4	0	30.21	+04	56	53	0	ESE	2	0	*	64	52	—			
BRITISH ISLANDS.	Sumburgh Head	30.25	53	W	2	0	30.26	-05	53	53	+4	W	3	0	3	56	50	—			
	Stornoway ...	30.32	60	SW	4	0	30.30	-03	54	54	-1	SW	3	0	3	61	45	—			
	Wick ...	30.36	58	S	1	bc	30.33	-03	56	52	+3	S	2	c	1	59	45	—			
	Nairn ...	30.31	57	NE	2	bc	30.33	-04	56	54	+2	2	0	bc	1	61	50	—			
	Aberdeen ...	30.35	54	SE	2	c	30.34	-04	57	54	+1	SEW	2	bc	1	59	53	—			
	Leith ...	30.30	66	2	0	bc	30.30	-08	53	53	-6	NE	2	m	*	67	50	—			
	Shields ...	30.32	60	ESE	2	b	30.31	-05	57	54	-2	SE	3	c	2	62	48	—			
	Spurn Head ...	30.35	56	NE	2	b	30.33	-03	55	51	-3	NE	3	ow	2	61	49	—			
	York ...	30.35	66	ESE	1	b	30.35	-04	55	52	-2	SE	1	b	*	71	47	—			
	Loughborough	30.34	66	ESE	3	b	30.35	-04	54	51	+1	E	2	c	*	69	42	—			
GERMANY & HOLLAND.	Ardrossan ...	30.32	62	2	0	b	30.32	-04	57	54	-1	N	1	b	0	67	45	—			
	Malin Head ...	30.34	58	ESE	1	b	30.36	-01	56	53	0	NNE	1	0	1	60	54	—			
	Mullaghmore ...	30.34	63	NW	2	bc	30.36	-02	57	54	0	E	2	0	2	64	53	—			
	Belmullet ...	30.38	60	SE	3	bc	30.38	-01	57	53	0	ESE	2	bc	*	63	52	—			
	Donaghadee ...	30.35	60	N	3	b	30.35	-04	57	54	-1	N	3	c	1	64	56	—			
	Liverpool (Bldston)	30.31	61	NNW	1	bc	30.32	-05	60	54	+1	SE	2	bc	2	62	57	—			
	Holyhead ...	30.32	60	NNE	2	b	30.30	-04	61	55	+4	NW	1	c	1	62	53	—			
	Parsonstown ...	30.32	64	2	0	b	30.34	-04	57	54	+4	2	0	b	*	70	53	—			
	Valencia ...	30.32	61	NNE	4	bc	30.30	-07	65	58	+4	NE	1	bc	1	71	52	—			
	Roche's Point	30.31	62	SE	2	b	30.29	-08	61	58	-2	ESE	1	bc	2	66	53	—			
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.28	63	NNE	2	c	30.28	-04	57	53	-5	ESE	2	b	1	61	54	—			
	Scilly ...	30.24	64	NE	3	bc	30.18	-08	53	51	-1	ESE	4	c	2	61	53	—			
	Prawle Point ...	30.25	59	ESE	3	m	30.23	-06	53	51	-2	ESE	3	0	4	67	53	—			
	Jersey (St. Aubin's)	30.26	66	E	3	m	30.26	-05	57	53	-6	ESE	4	c	2	72	53	—			
	Hurst Castle ...	30.25	60	ESE	4	bc	30.22	-06	58	56	-4	ESE	4	0	4	65	53	—			
	Dungeness ...	30.28	57	NE	4	c	30.23	-05	56	54	-4	NE	4	og	3	61	54	—			
	North Foreland	30.30	63	ESE	2	b	30.25	-05	53	51	0	NE	3	og	*	66	53	—			
	Oxford ...	30.31	59	ESE	2	b	30.31	-05	53	50	-2	ESE	2	0	*	61	49	—			
	Cambridge ...	30.36	61	NE	1	bc	30.31	-05	56	53	-2	NE	1	0	*	69	52	—			
	Yarmouth ...	30.31	58	NNE	3	c	30.30	-02	56	56	-1	NNE	3	c	3	62	52	—			
GERMANY & HOLLAND.	Cuxhaven ...	30.26	60	NW	3	bc	30.24	00	61	58	+4	2	0	b	*	61	57	—			
	Berlin ...	30.17	62	NW	2	b	30.19	-03	60	54	+1	NNE	4	bc	*	66	52	—			
	Wiesbaden ...	30.24	58	*	*	*	30.18	-08	61	56	0	NNE	1	b	*	70	52	—			
	Munich ...	30.24	57	NW	2	b	30.19	-07	56	52	-1	NNE	4	b	*	68	50	—			
	The Helder ...	30.23	56	N	2	c	30.20	-04	56	52	-1	NNE	1	c	5	59	52	—			
	Brussels (9 a.m.)	*	*	*	*	*	30.25	-04	54	51	-8	NE	2	0	*	71	46	—			
	Cape Gris Nez	30.23	57	NE	4	c	30.21	-07	54	51	-6	ESE	2	0	2	64	52	—			
	Paris ...	30.18	72	ESE	2	b	30.16	-10	58	53	-2	NNE	3	0	*	77	53	—			
	Brest ...	2	72	ESE	3	0	*	*	*	*	*	ESE	3	0	3	84	54	—			
	Lorient ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—			
FRANCE AND BELGIUM.	Rochefort ...	30.01	64	ESE	3	b	29.58	-10	66	61	+3	ESE	3	c	*	93	61	—			
	Belfort ...	2	67	ESE	3	b	29.57	*	65	59	+2	ESE	3	b	*	77	48	—			
	Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—			
	Nice ...	29.58	69	SW	1	b	29.57	-07	61	62	-3	2	0	b	0	82	61	—			
	Perpignan ...	30.00	76	SE	1	b	30.01	-08	60	66	-1	2	0	b	*	82	61	—			
	Biarritz ...	29.94	74	NNE	2	c	29.93	-09	63	68	+3	W	2	c	0	86	66	0.01			
	Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—			
	Lisbon ...	30.03	61	N	4	b	30.04	-02	66	63	-2	SW	3	b	*	77	63	—			
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—			
	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—			

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Monday 25th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

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

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

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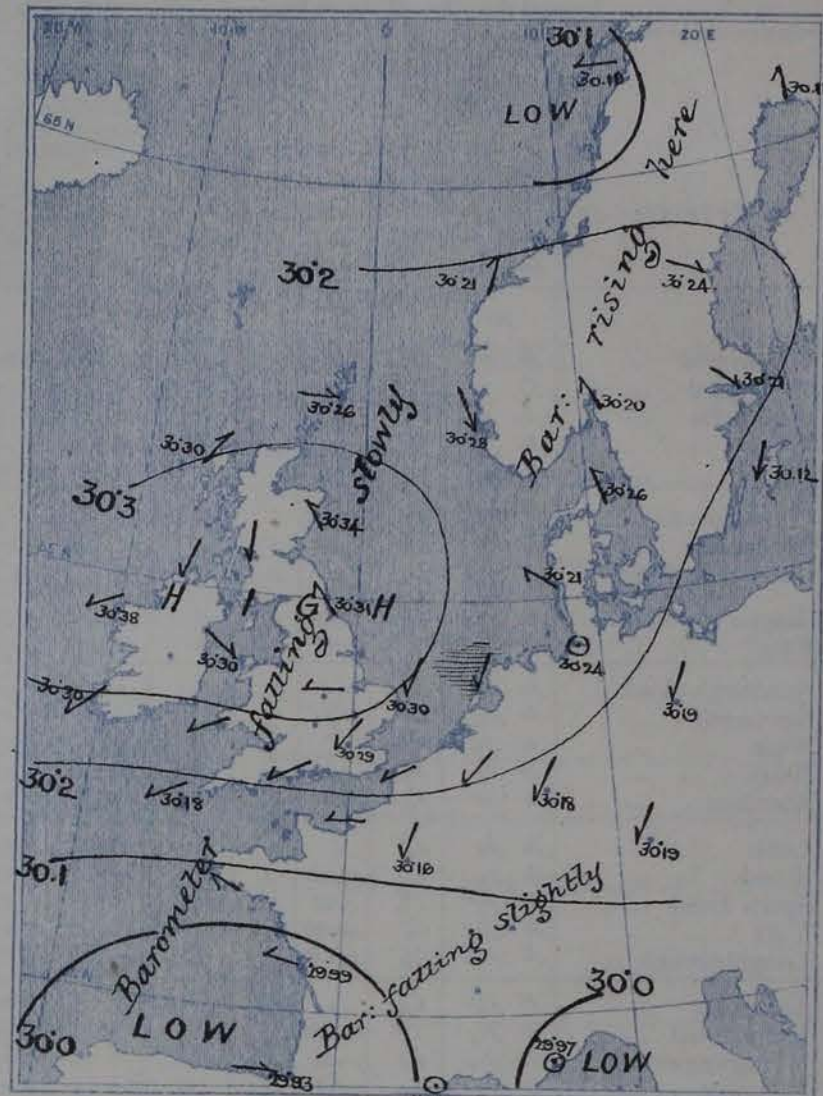
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
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York	29.901
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Donaghadee	29.877
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Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.935
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards, in an anticyclone lying over all but the extreme southern parts of the United Kingdom.
 Lowest, 30.0 in. and less, in a large shallow depression lying over the north of Spain and the southwest of France, and also over the Gulf of Genoa.
 Gradients slight. Barometer falling a little in most parts of Western Europe, but rising in Sweden.

TEMPERATURE

Highest, 69° at Llanfyllid and Llanfyllon, 68° at Nise, 66° at Hookfort and Lisbon, and 65° at Belfast.
 Lowest, 52° at Paris, 53° at Leith and Oxford, 54° at Christiansund, Loughborough and Cape Frio N.Y., and 55° at Skudesnæs, York, Greenland, and in London.
 The highest maxima registered over our Islands yesterday were 72° at Hurst Castle and 71° at York and Valentia Island.

WIND

Light to moderate from the E. or NE. over the greater part of Ireland, England, France, Germany, and the Netherlands, but calm in the extreme south of France.
 Light from the SW. in the north of Scotland; SE. over Denmark and the Røgs Rækk, but strong from NNW. at Skudesnæs.
 Variable over the northern parts of Scandinavia.

WEATHER

Cloudy or overcast in the south and east, and also in the extreme north and northwest of our Islands, but fine in nearly all other parts of Western Europe.
 No rain fell yesterday in any part of our area, with the exception of Stockholm and Rianitz; at the latter place a thunderstorm has occurred.

SEA

Smooth generally, but moderate at some of the Channel stations, and rather rough at the Helder.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any decided change in the weather.

FORECASTS

For the 24 hours ending at NOON on 26th July 1892.

DISTRICTS.

FORECASTS.

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

SW. and W. winds, moderate; fair generally.
 Variable or SE. winds; fair generally.
 E. and NE. winds, light or moderate; fair generally.

DISTRICTS.

FORECASTS.

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

Light Variable airs; fine generally.

Same as Nos 3 to 5.

Light breezes, chiefly E.; fair 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 ...	30.23	57	52	NNW	6	6	2	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	30.23	57	57	SW	2	0	2	Jersey ...							
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.24	64	61	NE	4	C	3
Ardrossan ...								North Foreland ...	30.27	60	54	NE	5	C	3
Malin Head ...	30.37	58	54	E	1	0	0	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.33	62	56	SSE	2	6		Rochefort ...	30.06	70	73	ENE	2	6	*
Holyhead ...	30.33	62	58	NNW	2	6	1								

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

Weather in morning continuing fine and bright over the Mediterranean, France and a great deal of central Europe, fair generally over the United Kingdom and Scandinavia, but dull in many places. Thunderstorm at Biarritz later and slight rain at Stockholm, but remaining dry over the other parts of our area, and in many places cloudy.

Temperature again exceeding 70° over southeastern and southern Europe and the Mediterranean (79° at Coronna) and above 60° over the greater part of France, Germany and Russia; below 60° over the northern half of our Islands and in Scandinavia, and as low as 48° at Abo, 51° at Christiansund and Sumburgh Head, 54° at Skudesnaes and Naime. Rising later to between 80° and 93° over France, and to a little above 70° in some parts of our Islands Denmark and Sweden, but failing to reach 60° at Sumburgh H^d and Stornoway.

Wind extremely light and anticyclonic over the United Kingdom, NE^{ly} to NW^{ly} to the eastward of the North Sea, but SW^{ly} in the northwest of Norway; NE^{ly} to E^{ly} over the south and west of France and the Iberian Peninsula; E^{ly} over southern Russia, NW^{ly} to W^{ly} over the Adriatic and Balkan Peninsula.

Barometer Highest 30.4 ins. to 30.2 ins. in an anticyclone covering the British Islands, the North Sea, west of Norway and north Germany. Lowest 29.6 ins. and less to 29.7 ins. in a large but not deep depression covering the Black Sea and south of Russia; 29.9 ins. and less to 30.0 ins. in a shallow system over the north of Russia and a 'V-shaped' secondary over Finland. Falling slowly in our Islands later, rising over northern Europe.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 17TH TO 23RD JULY 1892.

During the early part of last week the weather was cold, stormy and unsettled, with heavy falls of rain in most parts of the Kingdom. Towards the close of the period, however, a marked improvement set in, and at the end of the week fine, warm weather was experienced very generally.

Barometrical pressure was at first highest to the northwest of our Islands and lowest in three shallow depressions lying off our south and southeast coasts. N^{ly} or NE^{ly} winds were therefore prevalent, with fair weather in Ireland and Scotland, but with dull wet weather over England. On the 17th the thermometer was unusually low for the time of year, the daily maxima in the east and southeast of England ranging between 55° and 58°.

On the 18th the depressions in the south filled up and the anticyclone in the northwest moved southwards, the wind over our Islands backing to N. and NW with improving weather. At night, however, a depression of unusual depth for the time of year advanced over Scotland from the N^W and on the 19th and 20th the centre of the system travelled in a SSE^{ly} direction along our east coasts and across Belgium and the east of France to Switzerland and Italy. During its progress heavy rain fell in nearly all districts and moderate to strong gales from the NW and N were experienced on many parts of our coasts, the wind being strongest over the Irish Sea and the southeast of England.

As the depression passed away a large anticyclone spread over from the westward and during the closing days of the week this system extended gradually over nearly the whole of western Europe. The wind was W^{ly} or SW^{ly} in the north but variable or NE^{ly} in the south, with fair weather in most places, and with a considerable rise of temperature. On the 22nd and 23rd the daily maxima were above 70° in many parts of England, the reading at Loughborough on the former day being as high as 76°.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on **TUESDAY 26th JULY.** 1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.	
		Inch.	°				Inch.		°	°	°						°	Inch.			
SCANDINAVIA.	Häpäranta ...	30.23	56	SW	2	b	29.93	-2.1	62	56	+1	NW	2	bc	*	b	66	46	—		
	Hernösand ...	30.11	57	SW	4	b	30.11	-1.3	62	55	+4	NE	2	c	*	b	72	46	—		
	Stockholm ...	30.13	57	2	0	b	30.10	-1.1	65	56	+5	N	2	b	*	b	72	50	—		
	Wisby ...	30.14	57	NNE	7	b	30.10	-0.2	57	56	+1	NNW	2	b	*	b	66	51	—		
	Bodö ...	29.96	57	SW	6	0	29.95	-1.5	49	49	-4	SW	4	0	2	0	54	46	—		
	Christiansund...	30.19	52	WNW	5	f	30.21	0.0	51	50	-2	WNW	7	*	4	f	53	50	—		
	Skudesnaes ...	30.25	55	NNW	6	0	30.23	-0.5	53	53	0	NNW	6	0	2	b, o	59	52	—		
	Christiania Fjord (Færdar)	30.12	62	SW	4	b	30.10	-1.0	62	57	-2	N	3	bc	1	b	66	61	—		
	Skagen (The Scaw)	30.21	57	NNW	1	b	30.16	-1.0	58	55	-6	WNW	2	b	1	b	75	52	—		
	Fanö ...	30.21	58	NW	1	b	30.23	+0.2	57	54	+1	NW	4	b	*	b	68	54	—		
BRITISH ISLANDS.	Sumburgh Head	30.26	57	W	2	0	30.30	+0.4	57	57	-4	W	1	m	1	0	58	49	0.02		
	Stornoway ...	30.31	57	SW	2	0	30.34	+0.4	58	52	-1	NE	3	0	3	0	58	50	—		
	Wick ...	30.34	57	S	1	0	30.33	0.0	54	52	-2	N	1	0	0	0	60	50	—		
	Nairn ...	30.27	65	2	0	bc	30.31	+0.1	57	55	+1	E	1	c	1	bc	61	52	—		
	Aberdeen ...	30.32	56	S	2	bc	30.34	0.0	57	54	0	ESE	1	c	1	cm, bc	58	50	—		
	Leith ...	30.27	57	2	0	0	30.32	-0.1	55	53	+2	NE	3	0	*	0	60	57	—		
	Shields ...	30.28	57	ESE	3	bc	30.31	0.0	54	52	-2	SE	1	0	2	b, bc	59	50	—		
	Spurn Head ...	30.28	57	NE	4	bc	30.28	-0.5	56	53	+1	NE	3	0	3	bc	58	53	—		
	York ...	30.27	62	E	2	b	30.31	-0.4	56	52	+1	E	1	0	*	b	60	53	—		
	Loughborough	30.26	63	ENE	3	bc	30.28	-0.7	55	52	+1	ENE	3	0	*	bc	67	51	—		
GERMANY & HOLLAND.	Ardrossan ...	30.25	64	W	1	b	30.25	-0.3	56	53	-1	NE	2	cm	1	b	67	52	—		
	Malin Head ...	30.32	57	NW	2	0	30.30	-0.6	56	53	0	NNW	3	b	2	0	62	54	—		
	Mullaghmore ...	30.31	61	NW	2	CV	30.30	-0.6	57	54	0	ENE	4	CV	2	bc, CV	63	53	—		
	Belmullet ...	30.34	60	NE	3	b	30.33	-0.5	57	53	-2	NE	2	0	*	b	62	53	—		
	Donaghadee ...	30.28	61	NE	5	b	30.28	-0.7	57	53	0	NE	3	m	1	b	64	56	—		
	Liverpool (Bidston)	30.24	61	NNW	1	bc	30.30	-0.2	57	51	-7	E	3	0	3	bc	65	49	—		
	Holyhead ...	30.25	59	NNE	3	bc	30.27	-0.3	57	54	-4	SW	1	cm, o	1	b, bc	62	58	—		
	Parsonstown ...	30.25	61	2	0	bc	30.27	-0.7	57	52	-4	2	0	0	*	bc	69	46	—		
	Valencia ...	30.24	61	ENE	2	cm	30.26	-0.4	62	59	-3	ENE	1	bm	1	bc, cm	72	54	—		
	Roche's Point	30.23	62	SE	2	bc	30.23	-0.6	58	54	-3	E	3	bc	3	bc	65	52	—		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.21	57	W	1	b	30.22	-0.6	55	53	-2	ENE	3	bc	2	b	63	50	—		
	Scilly ...	30.15	60	ENE	4	C	30.11	-0.7	56	53	-3	NE	4	0	4	cm, c	61	53	—		
	Prawle Point ...	30.16	57	ENE	4	C	30.14	-0.5	57	54	+4	ENE	6	bc	5	c	62	53	—		
	Jersey (St. Aubin's)	30.17	61	E	4	0	30.16	-1.0	60	57	+3	ENE	5	C	2	og, o	63	53	—		
	Hurst Castle ...	30.17	61	E	4	0	30.16	-1.0	60	57	+3	ENE	5	C	2	og, o	63	53	—		
	Dungeness ...	30.15	59	ENE	4	C	30.13	-0.9	62	60	+4	ENE	5	C	4	o, c	63	56	—		
	North Foreland	30.18	57	ENE	4	og	30.15	-1.0	61	59	+5	NE	3	C	3	o, og	61	55	—		
	London ...	30.20	56	NE	2	C	30.20	-0.9	57	55	+4	ENE	3	0	*	o, bc	66	54	—		
	Oxford ...	30.24	56	NE	3	0	30.22	-0.9	56	54	+3	NNE	3	0	*	o	62	53	—		
	Cambridge ...	30.26	59	NE	1	0	30.23	-0.8	57	53	+1	NE	1	0	*	o	64	53	—		
PENINSULA.	Yarmouth ...	30.23	57	N	4	od	30.22	-0.8	57	57	+3	NE	3	C	3	cod	60	53	—		
	Cuxhaven ...	30.24	63	N	3	b	30.24	0.0	64	62	+2	NNE	1	b	*	b	64	61	—		
	Berlin ...	30.15	63	NNE	3	b	30.17	-0.2	61	54	+1	NNW	3	b	*	b	72	50	—		
	Wiesbaden ...	30.14	57	*	2	bc	30.17	-0.1	63	53	+2	NE	4	b	*	*	72	52	—		
	Munich ...	30.14	57	NE	2	bc	30.16	-0.3	58	53	+2	NE	5	b	*	bc	66	46	—		
	The Helder ...	30.14	57	NE	2	bc	30.16	-0.3	58	53	+2	NE	5	b	*	bc	66	46	—		
	Brussels (9 a.m.)	30.13	56	NE	5	C	30.15	-1.0	60	55	+6	ENE	1	b	*	b	65	47	—		
	Cape Gris Nez	30.13	56	NE	5	C	30.12	-0.9	58	56	+4	ENE	4	b	3	c	64	50	—		
	Paris ...	30.05	71	NE	2	b	30.06	-1.0	61	57	+3	NE	2	b	*	b	76	57	—		
	Brest ...	30.07	63	E	5	0	30.07	0.0	57	56	0	E	5	C	4	0	68	53	—		
FRANCE AND BELGIUM.	Lorient ...	30.07	61	NE	4	0	30.06	0.0	60	56	0	ENE	4	C	2	0	75	59	—		
	Rochefort ...	30.01	74	ENE	3	C	30.01	-1.0	66	62	0	ENE	4	C	*	C	81	59	—		
	Belfort ...	30.01	65	ENE	3	b	30.01	0.0	65	58	0	ENE	5	b	*	b	76	50	—		
	Lyons ...	30.03	75	N	1	b	30.01	0.0	63	58	0	N	1	b	*	b	78	58	—		
	Nice ...	30.01	70	SW	1	b	30.04	+0.3	67	62	-1	2	0	bc	0	b	75	61	—		
	Perpignan ...	30.01	74	E	2	b	30.03	+0.8	69	65	0	W	2	0	*	b	80	62	—		
	Biarritz ...	30.01	70	W	4	tl	30.02	-0.1	67	66	0	W	3	C	1	tl	79	66	0.04		
	Corunna ...	30.01	67	SW	4	b	30.01	-0.7	67	65	+1	S	2	b	*	b	75	64	—		
	Lisbon ...	30.01	67	SW	4	b	30.01	-0.7	67	65	+1	S	2	b	*	b	75	64	—		
	Lisbon ...	30.01	67	SW	4	b	30.01	-0.7	67	65	+1	S	2	b	*	b	75	64	—		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 26th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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

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

SEA DISTURBANCE—Where considerable, is shown thus:

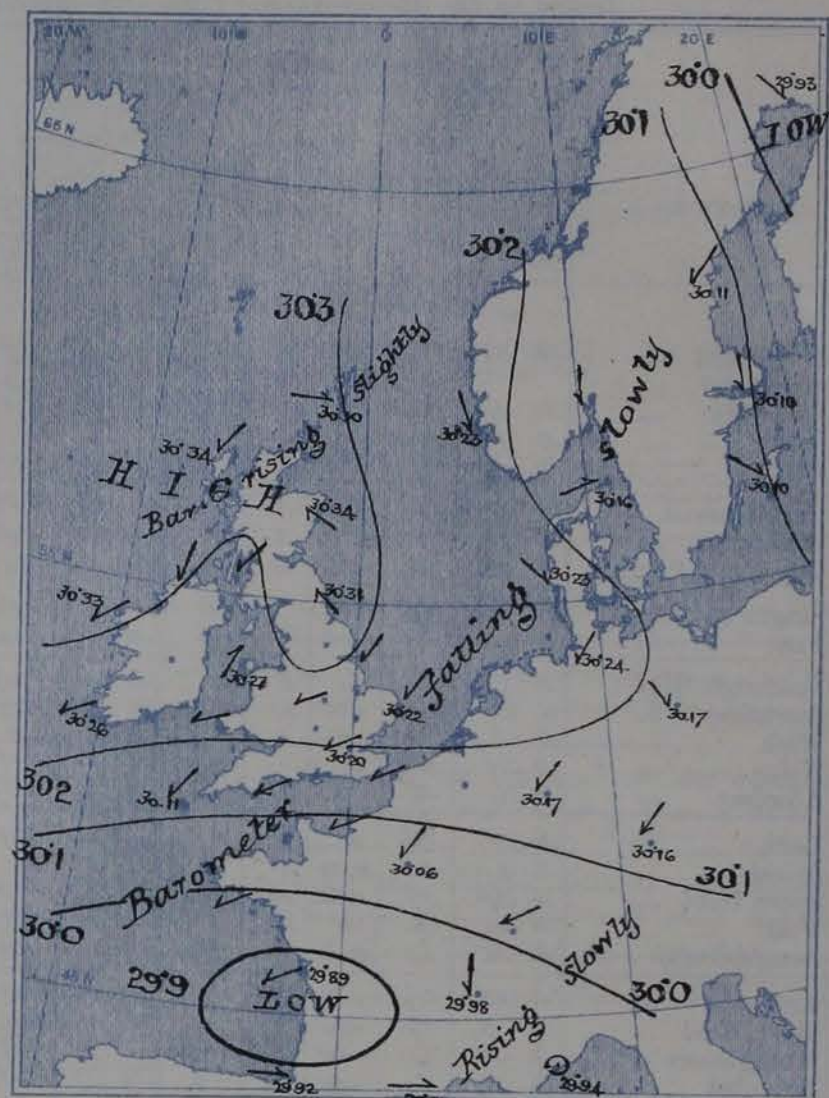
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.967
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL. (For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.01
Mullaghmore	62.9	51.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.06
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Seilly	64.4	56.2	60.2	53.1	2.46
Prawle Point.....	64.5	53.7	59.0	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.5	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	51.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: and more to 30.2 in: over the British Isles, the North Sea, and west of Norway.

Lowest, 29.9 in: and less, both in Ireland and the southwest of France.

Gradient: slight in the north, moderate in the south and favourable for E² winds.

Barometer rising slightly in Scotland, falling slightly elsewhere.

TEMPERATURE

Highest, 66° to 69° over the southern parts of France, and above 60° at many stations in the south of England, and in Sweden.

Lowest, 51° at Edinburgh, 53° at Stornoway, 54° at Shields.

The maxima recorded yesterday exceeded 60° in nearly all parts of our Islands; at Valence (Ireland) at Berlin and Wiesbaden 72° was recorded, at Perpignan 80°, and at Rochefort 91°.

WIND

N¹ to NW¹ on the eastern shores of the North Sea, but NE¹ to E¹ elsewhere; light in force at our northern stations, moderate over England, fresh to strong in Channel.

WEATHER

Fair generally, over the United Kingdom and Scandinavia, fine and bright over France and Germany.

A thunderstorm with very little rain occurred at Biarritz last evening, and very slight misting of rain at some of our southern stations early this morning.

SEA

Moderate in the Channel, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No important change is indicated at present.

FORECASTS

For the 24 hours ending at NOON on 27th JULY 1892.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NE ² breezes, light; fair generally, hazy.	6 SCOTLAND WEST	Varying airs; cloudy.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	Same as N° 5.
3 ENGLAND EAST	Same as N° 5	9 IRELAND NORTH	NE ² breezes, moderate, fair.
4 MIDLAND COUNTIES	Same as N° 0 to 2.	10 IRELAND SOUTH	
5 ENGLAND SOUTH	NE ² to E ² breezes, fresh; fair.	WARNINGS	None issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.26	59	52	NNW	6	6	2	Valencia ...	30.26	71	63	NE	3	bcn	3
Sumburgh Head ...	30.25	55	54	W	1	0	2	Scilly ...	30.17	60	55	ENE	4	on	4
Stornoway ...	30.30	55	56	SW	2	0	2	Jersey ...							
Aberdeen ...	30.32	57	54	SE	2	cm	2	Hurst Castle ...	30.21	62	56	E	4	og	3
Shields ...	30.29	57	53	E	4	6	2	Dungeness ...	30.18	61	57	ENE	4	o	4
Ardrossan ...	30.20	61	62	W	1	6	1	North Foreland ...	30.18	59	56	ENE	4	0	3
Malin Head ...	30.34	61	57	NNW	2	0	0	London ...	30.23	62	54	E	3	0	*
Mullaghmore ...	30.33	62	58	ENE	2	6	1	Yarmouth ...	30.28	60	54	NE	4	C	3
Behnullet ...	30.26	62	57	ENE	2	6	*	Rochefort ...	30.33	67	73	E	3	C	*
Holyhead ...	30.27	58	57	NNE	2	6	2								

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

Weather fine over the greater part of Europe but cloudy or overcast in the south and east of England, as well as on our extreme north and northwest coasts. Dull also over Russia and Austria, with rain at Kiev. No important change occurring during day, but a thunderstorm experienced at Vienna in evening.

Temperature highest 80° at Brindisi and Lefke, 78° at Barcelona, 76° at Nemours and Constantinople, and 75° at Legna. Oran and Algiers, above 70° at most of the Mediterranean stations, and above 65° over southern and eastern Europe generally. Lowest 52° at Rods, 53° at Perth, and Oxford, and 54° at Christiansund, Loughborough and Cape Espirito Santo, below 60° in most of the northwestern and central countries. Daily maxima below 60° at several of our northern and eastern stations, and below 65° on our south and southeast coasts, thermometer exceeding 75° in many parts of France, and reaching 91° at Rochefort.

Wind light to moderate from the End or NEnd over the greater part of England, Ireland, and France, but Snd or SWnd in the north of Scotland. Moderate to strong from the Nnd over the Baltic, Germany, and the south of Scandinavia, as well as in the south of Italy, light from the SEnd in Denmark. Variable in the south of Russia, and also in Spain and Algeria. No important change occurring during day.

Barometer highest 30.3 ins: and upwards over all but the southern parts of the United Kingdom, 30.1 ins: and upwards, in a large anticyclone covering the whole of northwestern Europe. Lowest 29.5 ins: and less, in a depression lying over the northern part of the Black Sea, 30.0 ins: and upwards in a large shallow disturbance lying over the southwest of France and the northern part of Spain. Slight fall of barometer taking place during day in most parts of Western Europe, but general distribution of pressure remaining unchanged.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 27th JULY

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Max.	Min.							
SCANDINAVIA.																				
Haparanda ...	29.89	58	Z	0	c	29.97	+ .04	56	50	- 6	N	4	b	+	c	66	52	-		
Hernösand ...	30.10	59	W	4	b	30.15	+ .04	55	47	- 7	NNW	6	b	+	b	72	46	-		
Stockholm ...	30.07	60	Z	0	c	30.17	+ .07	60	52	- 5	NNE	2	c	+	c	77	54	-		
Wibby ...	30.02	60	E	4	c	30.12	+ .02	63	55	+ 4	E	6	b	+	c	68	52	-		
Bodö ...	30.10	47	W	6	r	30.25	+ .30	47	46	- 1	W	2	c	+	r	48	46	0.04		
Christiansund...	30.29	51	N	1	c	30.33	+ .12	52	47	+ 1	WSW	1	c	+	c	52	48	0.08		
Skudesnaes ...	30.19	55	NNW	8	b	30.21	- .02	55	51	0	NNW	7	b	+	b	57	52	-		
Christiania Fjord (Farther)	30.07	64	WSW	3	b	30.17	+ .07	63	56	0	NNE	5	b	+	b	64	61	-		
Skagen (The Scaw)	30.13	60	Z	0	m	30.19	+ .03	61	59	+ 3	Z	0	m	+	m	77	57	-		
Fanö ...	30.19	55	NW	4	c	30.18	- .05	57	54	0	NNW	4	c	+	c	66	55	-		
Sumburgh Head	30.32	52	Z	0	c	30.36	+ .06	52	52	+ 1	NNW	1	c	+	c	55	50	-		
Stornoway ...	30.30	60	E	4	b	30.35	+ .01	55	55	+ 2	Z	0	c	+	c	60	45	-		
Wick ...	30.38	56	E	1	b	30.38	+ .05	55	54	+ 1	E	1	c	+	b	63	45	-		
Nairn ...	30.31	59	E	1	b	30.34	+ .03	58	55	+ 1	W	1	c	+	b	61	53	-		
Aberdeen ...	30.36	54	E	2	b	30.39	+ .05	55	52	- 2	E	1	c	+	c	59	50	-		
Leith ...	30.32	60	NNE	1	c	30.36	+ .04	55	53	0	NE	2	c	+	c	62	45	-		
Shields ...	30.31	59	E	2	b	30.34	+ .03	55	52	+ 1	NE	2	c	+	b	60	51	-		
Spurn Head ...	30.28	56	NE	3	c	30.31	+ .03	58	54	+ 2	NE	3	c	+	c	59	52	-		
York ...	30.31	58	E	3	c	30.33	+ .02	57	53	+ 1	ENE	1	c	+	c	60	46	-		
Loughborough	30.25	59	ENE	3	c	30.30	+ .02	55	53	0	ENE	3	c	+	c	63	51	-		
ISLANDS.																				
Ardrossan ...	30.28	60	ENE	1	c	30.35	+ .06	56	54	0	ENE	1	c	+	c	65	49	-		
Malin Head ...	30.26	58	N	2	b	30.32	+ .02	56	54	0	SE	3	c	+	b	61	55	-		
Mullaghmore ...	30.25	62	N	4	b	30.30	0	58	56	+ 1	E	4	c	+	b	64	56	-		
Belmullet ...	30.29	59	NE	3	b	30.30	- .03	61	56	+ 4	ESE	2	c	+	b	63	53	-		
Donaghadee ...	30.30	60	SE	2	m	30.34	+ .06	55	53	- 2	E	4	f	+	m	61	55	-		
BRITISH ISLANDS.																				
Liverpool (Bidston)	30.26	58	ENE	3	c	30.29	- .01	57	52	+ 4	E	3	c	+	c	61	52	-		
Holyhead ...	30.24	59	ENE	3	c	30.25	- .02	56	53	- 1	E	4	c	+	c	62	53	-		
Parsonstown ...	30.22	67	NE	1	c	30.25	- .02	56	54	+ 3	NE	1	c	+	c	71	50	-		
Valencia ...	30.20	67	NE	3	c	30.22	- .04	60	56	- 2	ENE	1	c	+	c	69	51	-		
Roche's Point	30.22	60	ESE	3	b	30.21	- .02	60	56	+ 2	E	4	b	+	b	63	53	-		
Pembroke (St. Ann's Hd.)	30.16	60	E	3	c	30.19	- .03	58	57	+ 3	ENE	2	b	+	c	63	53	-		
Scilly ...	30.09	61	ENE	4	c	30.07	- .04	62	59	+ 6	ENE	5	c	+	c	64	53	-		
Prawle Point ...	30.07	61	ENE	5	b	30.11	- .03	61	57	+ 4	ENE	6	b	+	b	66	56	-		
Jersey (St. Aubin's)																				
Hurst Castle ...	30.10	66	E	3	b	30.15	- .01	64	60	+ 4	ENE	3	b	+	b	69	57	-		
Dungeness ...	30.09	64	NE	4	b	30.12	- .01	63	62	+ 1	NE	5	b	+	b	66	59	-		
North Foreland	30.12	60	ENE	4	b	30.19	+ .04	61	59	0	ENE	5	c	+	b	62	54	-		
London ...	30.16	65	ENE	2	b	30.21	+ .01	60	57	+ 1	ENE	2	c	+	c	71	55	-		
Oxford ...	30.19	59	NE	2	b	30.25	+ .03	54	53	- 2	NE	3	c	+	c	66	53	-		
Cambridge ...	30.25	59	NE	2	c	30.27	+ .04	57	55	0	NE	2	c	+	c	68	49	-		
Yarmouth ...	30.21	60	NE	6	b	30.25	+ .03	57	54	- 2	NE	4	c	+	c	62	55	-		
GERMANY & HOLLAND.																				
Cuxhaven ...	30.24	58	N	3	b	30.24	0	58	55	- 6	NNW	2	b	+	b	65	57	-		
Berlin ...	30.12	54	NNE	2	b	30.19	+ .02	65	59	+ 4	NNW	2	b	+	b	77	54	-		
Wiesbaden ...						30.17	0	62	56	- 1	Z	0	b	+	b	72	54	-		
Munich ...	30.17	55	NNE	2	b	30.21	+ .05	57	53	- 1	NE	4	b	+	b	66	45	-		
The Helder ...	30.25	59	NE	6	b	30.29		58	55		NE	4	b	+	b	61	57	-		
FRANCE AND BELGIUM.																				
Brussels (9 a.m.)																				
Cape Gris Nez	30.08	62	NE	4	b	30.10	- .02	59	56	+ 1	ENE	3	b	+	b	64	55	-		
Paris ...	30.02	74	ENE	3	b	30.07	+ .01	61	54	0	NE	2	b	+	b	80	52	-		
Brest ...		65	E	4	c			63	61	+ 6	E	3	c	+	c	79	54	-		
Lorient ...	29.95	72	NE	2	m	29.95	- .01	63	58	+ 3	ENE	3	b	+	m	73	59	-		
Rochefort ...	29.88	71	NNE	3	b	29.93	+ .04	64	62	- 2	W	2	b	+	b	79	61	-		
Belfort ...		66	ENE	5	b			64	59	- 1	ENE	5	b	+	b	77	54	-		
Lyons ...	29.90	77	NNE	1	b	30.01	+ .03	68	62	+ 5	SSE	1	b	+	b	82	61	-		
Nice ...	29.95	71	Z	0	b	30.03	+ .09	72	64	+ 5	Z	0	b	+	b	77	64	-		
Perpignan ...	29.91	72	NE	3	c	30.01	+ .08	68	67	- 1	SE	2	c	+	c	79	66	-		
Biarritz ...	29.88	73	NNE	3	b	29.90	- .02	68	64	- 1	WSW	2	b	+	b	79	57	-		
PENINSULA.																				
Corunna ...																				
Lisbon ...	29.95	68	SW	4	b	29.97	0	66	64	- 1	SW	3	c	+	b	72	64	-		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday 27th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ = forces above 10; → = forces 8 to 10;

→ = forces 5 to 7; → = forces 1 to 4.

○ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

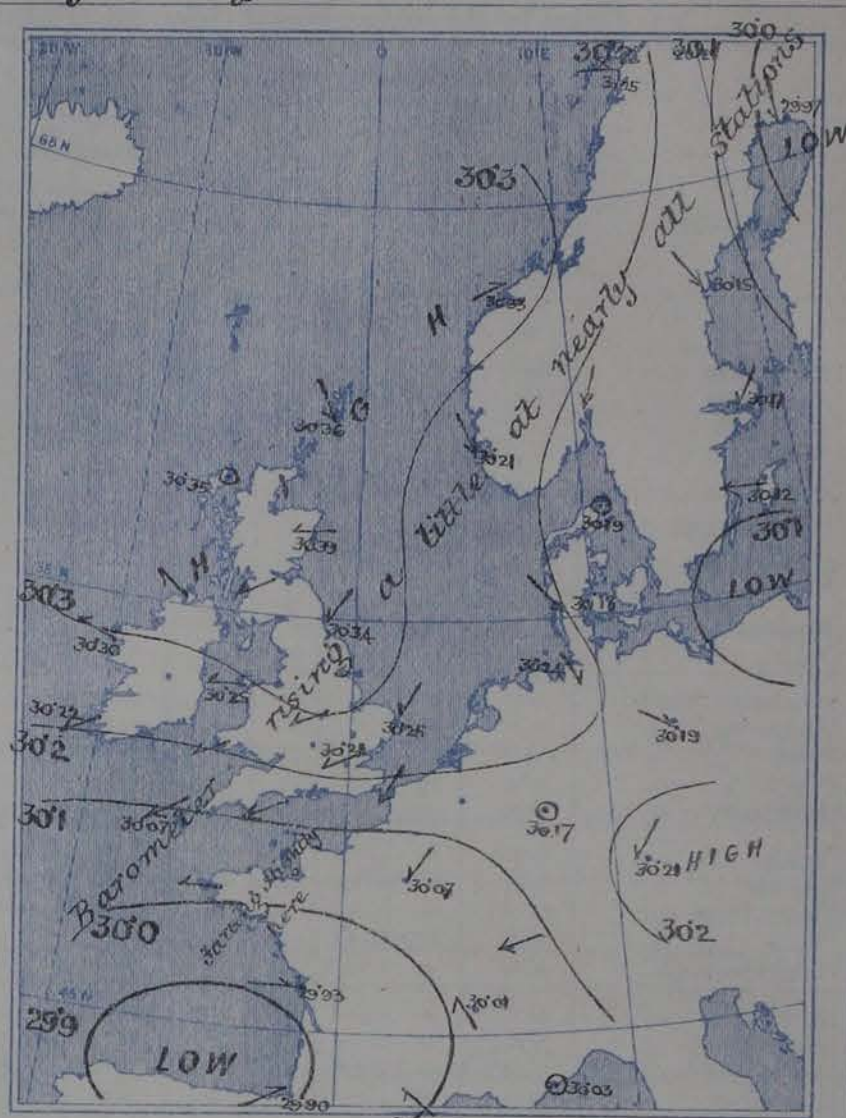
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.816
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Seilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

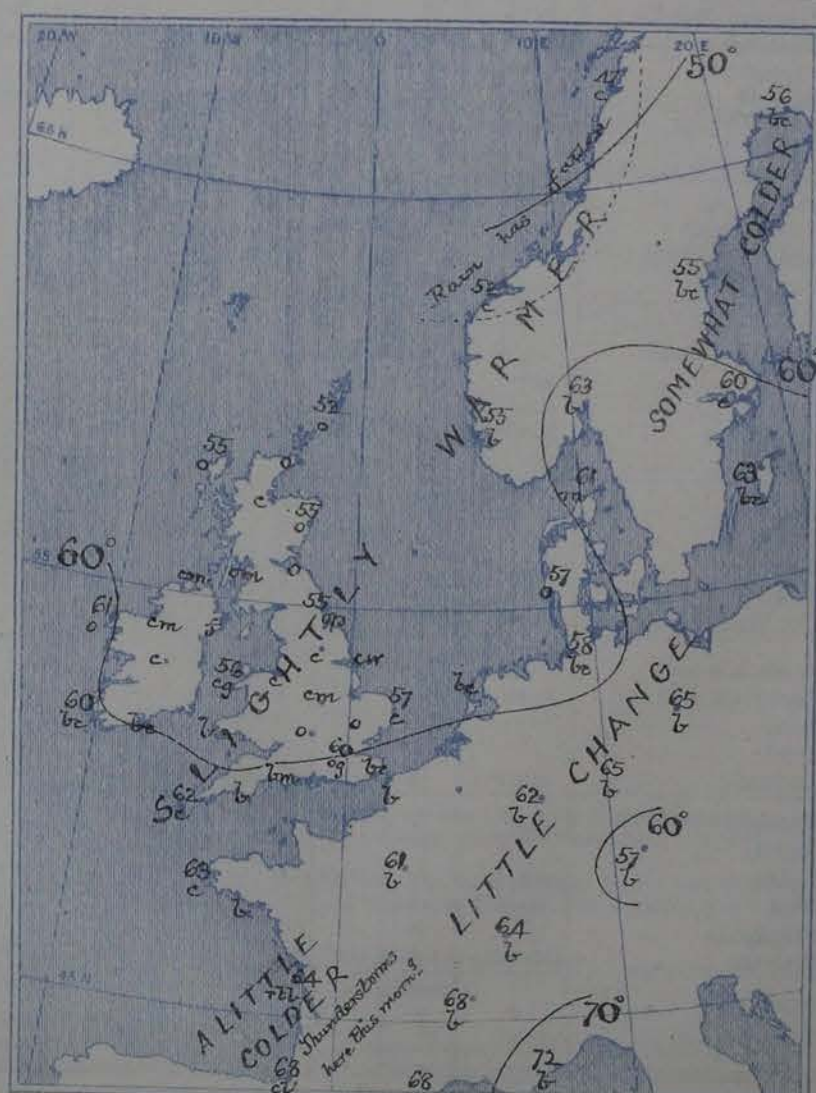
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head.....	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.8	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.3	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	56.8	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Seilly	64.4	56.2	60.2	58.1	2.16
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	64.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE	<p>Highest 30.3 ins. and more to 30.2 ins. over our Islands and the North Sea.</p> <p>Lowest 29.9 ins. and less in a depression over the southern half of the Bay of Biscay; 30.0 ins. and less over Finland and the east of Lapland.</p> <p>Gradients moderate in the south, slight elsewhere.</p> <p>Barometer falling slightly over Brittany and the Wth part of the Channel, rising slightly at our stations.</p>
TEMPERATURE	<p>Highest 72° at Nire, 68° at Perpignan and Biarritz, 60° to 62° over the southern countries of our Islands, 60° to 63° in the south of Sweden.</p> <p>Lowest 52° at Sunningh, 48° at Stormary, Doneghadoe, Aberdeen, Leith and Shields.</p> <p>The maxima recorded yesterday exceeded 70° at Yarmouth, London and Holyhead as well as in the south of Sweden and over France. At Paris the maximum was 80°, at Lyons 82°.</p>
WIND	<p>Very light and variable in Scotland; NWth to Nth, and fresh on the eastern shores of the North Sea, NEth to Eth over England and Ireland, fresh Eth in the Channel. In the southwest of France it was light from the Wth.</p>
WEATHER	<p>Fair over the British Islands, North Sea and France - clear in many places cloudy in others, with slight showers at Shields. In the S.W. of France, however, thunderstorms & rain were prevalent.</p>
SEA	<p>Moderate in the English Channel, slight to very smooth elsewhere.</p>

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the south seems to be spreading northwards slowly, so that unsettled weather may reach our southern districts shortly.

FORECASTS

For the 24 hours ending at NOON on 28th JULY 1892.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	E th and variable airs; fair, hazy	6 SCOTLAND WEST	Same as N ^{os} 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	E th breezes, moderate; fair.
2 ENGLAND N.E.	NE th breezes, light; fair.	8 ENGLAND S.W.	Same as N ^o 5.
3 ENGLAND EAST	Same as N ^o 5.	9 IRELAND NORTH	NE th and E th breezes, moderate or light; fair.
4 MIDLAND COUNTIES	Same as N ^o 2.	10 IRELAND SOUTH	
5 ENGLAND SOUTH	NE th to E th winds, moderate or fresh, fair generally to-day, doubtful tomorrow.	WARNINGS	NONE ISSUED.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skadesnaes ...	30.22	57	53	NW	8	b	3	Valencia ...	30.23	67	61	NE	4	cm	4
Bumburgh Head ...	30.22	54	53	W	1	o	4	Scilly ...	30.11	62	57	E	5	c	0
Stornoway ...	30.34	54	54	NE	3	o	3	Jersey ...							
Aberdeen ...	30.36	56	54	E	2	c	1	Hurst Castle ...	30.11	68	64	E	4	b	2
Shields ...	30.22	59	55	E	2	c	2	Dungeness ...	30.10	66	64	ENE	6	b	5
Ardrossan ...	30.28	64	63	ENE	1	cm	1	North Foreland ...	30.12	62	61	ENE	3	bc	3
Malin Head ...	30.29	61	57	NNW	2	o	1	London ...	30.16	68	59	ENE	2	bc	*
Mullaghmore ...	30.27	63	59	NW	3	bv	2	Yarmouth ...	30.21	62	59	NE	5	c	5
Belmullet ...	30.31	60	55	N	2	o	2	Rocheport ...	29.91	76	70	NNE	3	bc	*
Holyhead ...	30.26	61	57	E	3	c	3								

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

Weather in morning fine generally over all the northern and northwestern countries, but cloudy in places; somewhat unsettled in the southwest of France and north of Spain, very dull and unsettled over Russia, Poland and Hungary, with rain at Archangel, Lemberg and Cracow. Remaining fair over the British Isles, North Sea and neighbourhood during the day, but thunder and lightning setting in over the southwest of France.

Temperature exceeding 80° at Tunis only, but exceeding 70° at most of the stations over southern and southeastern Europe, as well as at Kharbov and Moscow. Below 60° over the greater part of the British Islands and Norway, and as low as 48° at Bodö, 51° at Archangel, Christiansund and Sumburgh Head, 53° at Stornoway and Parsonstown. Rising later to 60° and more in our Islands, to 70° and more at Valencia (Ireland), London, Yarmouth and many Continental stations, to 80° at Paris and 82° at Lyons.

Wind strong W² in Norway, N² over Sweden, Finland, the Baltic and Germany, NW² over Austria, but NE² to E² over eastern Germany, France, England and Ireland (very fresh in the English Channel) and SE² on the western shores of the Mediterranean and in Portugal. Becoming W² in the southwest of France later.

Barometer highest 30.3 ins. to 30.1 ins. over the British Islands, the North Sea, Germany, Denmark and southern half of Scandinavia. Lowest 29.5 ins. and less in a depression over the south of Russia, 29.9 ins. and less in another over the southwest of France; shallow local disturbances over Sweden and the Irish Sea. Little change later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on THURSDAY 28th JULY. 1892.

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.	TRMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Direc.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	30.12	50	N	2	b	30.20	+23	52	46	-4	NNW	2	bc	*	60	50	—		
	Hernösand ...	30.22	55	NNW	2	b	30.25	+10	55	50	+2	NNW	2	b	*	70	50	—		
	Stockholm ...	30.19	57	ENE	2	b	30.28	+11	53	50	-1	N	2	b	*	68	52	—		
	Wisby ...	30.21	55	E	2	bc	30.28	+16	53	56	-4	NNW	4	bc	*	70	52	—		
	Bodö ...	30.20	48	2	0	0	30.12	-13	46	45	-1	ESE	2	7	1	50	49	0.16		
	Christiansund...	30.24	53	N	2	b	30.31	-02	53	50	+1	NNW	1	c	2	55	48	—		
	Skudesnaes ...	30.22	55	NNW	2	b	30.26	+05	53	55	+3	2	0	b	2	60	48	—		
	Christiania Fjord (Færder)	30.17	61	N	2	b	30.27	+10	61	54	-2	N	5	m	1	60	51	—		
	Skagen (The Scaw)	30.19	55	2	0	m	30.24	+05	66	62	+5	E	2	bc	0	m	70	59	—	
	Fanö ...	30.21	56	NNW	4	0	30.24	+06	58	56	+1	2	0	0	*	64	55	—		
BRITISH ISLANDS.	Sumburgh Head	30.38	53	ENE	1	c	30.37	+01	52	51	0	2	0	0	0	56	50	—		
	Stornoway ...	30.34	61	2	2	b	30.34	-01	58	57	+3	2	2	c	2	62	50	—		
	Wick ...	30.37	56	E	1	bc	30.38	00	56	54	+1	E	2	b	1	61	48	—		
	Nairn ...	30.32	60	NE	2	b	30.34	00	58	50	-3	E	1	0	0	60	48	—		
	Aberdeen ...	30.27	55	E	1	c	30.38	-01	54	51	-1	ENE	1	cw	0	58	41	—		
	Leith ...	30.25	57	E	1	0	30.26	00	61	54	+6	ENE	2	c	*	61	52	—		
	Shields ...	30.23	55	N	2	0	30.32	-02	56	53	+1	NNW	2	c	3	55	51	—		
	Spurn Head ...	30.30	56	NNE	3	c	30.30	-01	55	51	-3	NE	2	0	3	55	53	—		
	York ...	30.32	58	ENE	1	0	30.32	-01	55	53	0	NE	1	c	*	61	53	—		
	Loughborough	30.30	58	ENE	2	0	30.31	+01	55	52	0	ENE	2	0	*	62	52	—		
GERMANY & HOLLAND.	Ardrossan ...	30.32	60	ENE	1	om	30.35	00	55	52	-1	ENE	1	om	0	om	62	53	—	
	Malin Head ...	30.30	58	SE	2	cm	30.31	-01	56	53	0	SE	4	bc	2	55	53	—		
	Mullaghmore ...	30.28	60	ENE	2	om	30.31	+01	55	54	-1	ENE	4	om	2	om	62	56	—	
	Belmullet ...	30.28	61	E	2	0	30.25	-01	60	55	-1	SE	2	b	*	60	56	—		
	Donaghadee ...	30.27	59	ENE	2	m	30.34	00	55	53	0	E	2	m	1	m	60	54	—	
	Liverpool (Bldston)	30.26	63	E	2	c	30.31	+02	54	50	-3	ESE	2	0	3	c	60	53	—	
	Holyhead ...	30.21	65	E	4	cm	30.26	+01	58	53	+2	E	4	b	3	bc	60	52	—	
	Parsonstown ...	30.22	63	NE	1	0	30.26	+01	54	53	-2	2	0	0	*	64	49	—		
	Valencia ...	30.20	67	SW	1	bc	30.26	+04	61	58	+1	2	0	bc	0	bc	65	45	—	
	Roche's Point	30.21	62	ESE	4	bc	30.23	+02	60	56	0	E	2	bc	3	bc	65	54	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.18	63	E	2	b	30.22	+03	53	51	-5	E	2	b	2	b	65	52	—	
	Scilly ...	30.10	66	ENE	4	c	30.14	+07	60	55	-2	E	5	c	4	cm	60	56	—	
	Prawle Point ...	30.10	64	ENE	6	bc	30.16	+05	55	56	-2	ENE	6	bc	5	bc	70	54	—	
	Jersey (St. Aubin's)	30.06	67	ENE	6	bc	30.13	+05	61	59	-4	E	5	omg	4	bc	72	59	0.01	
	Hurst Castle ...	30.14	71	E	4	bc	30.18	+03	60	57	-4	NE	5	bc	3	bc	72	54	—	
	Dungeness ...	30.13	62	NE	6	c	30.15	+03	60	57	-3	NE	6	m	4	c	66	57	—	
	North Foreland	30.18	59	NE	6	b	30.15	00	58	56	-3	NE	5	os	5	c	62	56	—	
	London ...	30.21	63	NE	3	bc	30.25	+04	56	53	-4	ENE	3	0	*	65	54	—		
	Oxford ...	30.25	55	NE	2	0	30.26	+01	54	51	0	NE	4	0	*	63	52	—		
	Cambridge ...	30.26	61	NE	2	0	30.27	00	55	54	0	N	2	0	*	62	52	—		
PENINSULA.	Yarmouth ...	30.25	58	NE	4	c	30.24	-01	58	54	+1	NE	2	c	4	c	60	53	—	
	Cuxhaven ...	30.24	59	N	1	c	30.24	00	59	56	+1	ENE	1	c	*	c	62	57	—	
	Berlin ...	30.17	70	NNW	2	b	30.23	+04	66	58	+1	ESE	1	b	*	b	75	57	—	
	Wiesbaden ...	30.20	60	NE	2	b	30.16	-01	66	58	+4	NE	2	bc	*	b	77	54	—	
	Munich ...	30.20	60	NE	2	b	30.21	00	55	53	0	NE	3	b	*	b	72	46	—	
	The Helder ...	30.28	58	NE	3	b	30.28	-01	58	54	0	NNW	1	c	1	b	61	53	—	
	Brussels (9 a.m.)	30.15	61	NE	2	b	30.15	00	61	57	0	NE	2	b	*	b	70	52	—	
	Cape Gris Nez	30.11	60	NE	5	c	30.12	+02	59	57	0	NE	5	c	5	c	64	54	—	
	Paris ...	30.04	75	NE	2	bc	30.08	+01	63	55	+2	NNW	2	b	*	bc	82	56	—	
	Brest ...	30.04	72	E	3	0	30.04	00	55	53	-4	E	3	0	3	0	75	55	—	
PENINSULA.	Lorient ...	29.96	74	2	0	bc	30.04	+09	62	60	-1	NE	4	c	2	bc	75	62	—	
	Rochefort ...	29.90	73	NNW	3	c	29.98	+06	68	65	+4	NE	3	c	*	bc	80	64	—	
	Belfort ...	29.90	69	E	3	b	29.92	2	64	60	0	E	3	b	*	b	81	61	—	
	Lyons ...	29.95	83	SW	1	b	29.09	+08	65	62	+1	N	1	b	*	b	80	52	—	
	Nice ...	29.93	76	SW	1	bc	29.08	+05	75	63	+3	E	1	b	1	bc	82	64	—	
	Perpignan ...	29.96	73	SE	3	b	29.06	+05	65	65	+1	NE	2	bc	*	b	81	63	—	
	Biarritz ...	29.92	74	E	3	bl	29.02	+12	68	66	0	SW	2	b	0	bl	77	66	0.16	
	Corunna ...	30.02	69	NNW	3	b	30.07	+10	66	63	0	NNW	1	bc	*	b	75	64	—	
	Lisbon ...	30.02	69	NNW	3	b	30.07	+10	66	63	0	NNW	1	bc	*	b	75	64	—	

For Explanation of Columns; see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Thursday, 28th July 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ = forces above 10; → = forces 8 to 10;

→ = forces 5 to 7; → = forces 1 to 4.

⊙ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

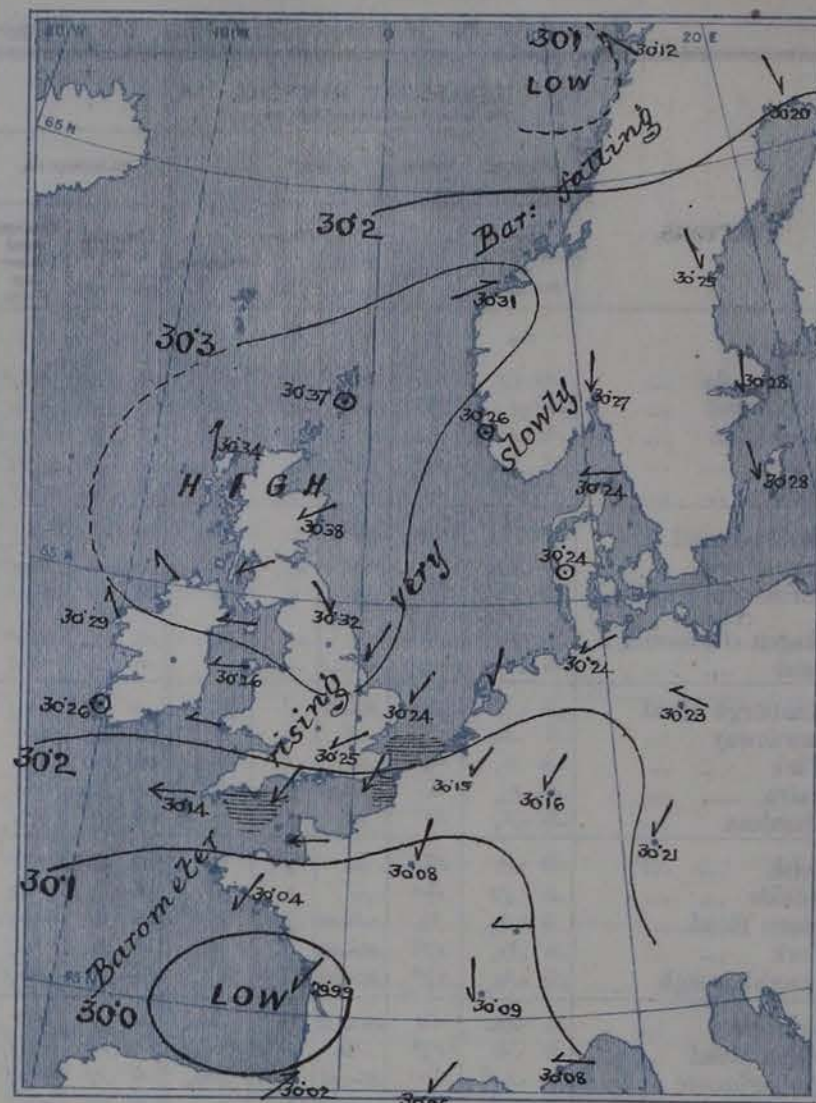
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.805
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry, at 8 a.m.	Wet.	
Sumburgh Head	57.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.6	3.02
Wick	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.98
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.29
Pembroke	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	55.2	60.2	58.1	2.16
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	3.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and more to 30.2 in. over the British Islands, the North Sea, and the southern half of Scandinavia.
Lowest, 30.0 in. and less, over the southwestern part of the Bay of Biscay; 30.1 in. over Denmark.

Gradients slight generally, — especially in the north.

Barometer inclined to rise over Spain and the south of France, steady in our Islands.

TEMPERATURE

Highest, 75° at Aix, and 66° to 68° at the other stations in the south of France, 66° at Wiesbaden and Berlin.

Lowest, below 60° over Great Britain, 54° at Aberdeen, 52° at Lumburgh Head, and 46° at Bodo.

The maxima recorded yesterday exceeded 80° in many parts of France, exceeded 70° at Jersey, Hurst Castle, and Bodo, but were below 60° on the northern coast of England and at Lumburgh H. At several of the Scandinavian stations the maxima were 70° or more.

WIND

Very light and variable at the Scotch stations, NE¹ to E⁴ over Ireland, England and France, and blowing rather strongly in the Channel. In Sweden it is still NW², light to moderate.

WEATHER

Fine except in extreme north of Norway, but cloudy more or less in several places; at Bodo rain is falling. Lightning was seen at Scilly last evening, and thunderstorms occurred in the southwest of France.

SEA

Rather rough in the English Channel, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of decided change beyond some probable decrease in the strength of the easterly wind in the Channel.

FORECASTS

For the 24 hours ending at NOON on 29th JULY, 1892.

DISTRICTS.

FORECASTS.

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

Varying E² airs; fair generally.

NE² breezes, moderate; fair.

NE² winds, strong to moderate; fair.

DISTRICTS.

FORECASTS.

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

Same as N^o 0 and 1

Same as N^o 2 to 4.

Same as N^o 5.

E² breezes, moderate to light; fair.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.22	62	55	NW	5	6	2	Valencia ...	30.22	67	60	NE	2	bcn	2
Sumburgh Head ...	30.37	55	54	ENE	1	0	7	Scilly ...	30.09	66	61	E	5	cm	4
Stornoway ...	30.34	61	60	S	2	0	2	Jersey ...	30.07	72	64	ENE	5	bc	4
Aberdeen ...	30.33	57	51	SE	1	0	0	Hurst Castle ...	30.16	70	65	ENE	3	bm	3
Shields ...	30.35	57	53	NNE	2	0	3	Dungeness ...	30.13	65	63	NE	6	c	5
Ardrossan ...	30.34	61	58	ENE	1	0	1	North Foreland ...	30.17	62	60	ENE	5	c	4
Malin Head ...	30.32	58	53	SE	4	6	1	London ...	30.21	67	59	ESE	2	c	*
Mullaghmore ...	30.29	61	54	ESE	4	cm	2	Yarmouth ...	30.26	60	55	ENE	3	c	4
Belmullet ...	30.29	66	57	ESE	2	c	*	Rochefort ...	37.52	82	70	WNW	1	c	*
Holyhead ...	30.24	66	60	E	4	bc	3								

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

Weather fine and bright over a considerable portion of the Continent, and fair in most parts of the United Kingdom, but dull at several of the northern, eastern, and central stations, with passing showers at Shields. Dull also in Russia; thunder and lightning reported in the southwest of France. Slightly clearing later in many parts of Great Britain, but slight showers falling in the Channel Islands, and lightning seen at Scilly at night.

Temperature highest 81° at Brindisi, Lefke and Aumale, 80° at Tunis, and 76° at Algiers, above 70° at most of the Mediterranean and Adriatic stations, and above 65° over the central and southern parts of France and Russia. Lowest 47° at Bodo, 52° at Christiansund and Sumburgh Head, 54° at Archangel and Oxford, and 55° at several of our more northern and central stations. Daily maxima below 70° in nearly all parts of our Islands, and below 65° at most of our northern and eastern stations; thermometer exceeding 80° in France, and reaching 88° at Lyons and Rochefort.

Wind E or NE over the greater part of our Islands and France, fresh or strong, in force at the Channel stations. Moderate to strong from the N over Scandinavia, Denmark, the Baltic, Germany, and northern Russia. Variable over Austria, northern Italy, and Algeria; light from the W over the southwest of France, and from the SW over the south of Russia. No important change occurring during day.

Barometer highest 30.3 ins. and upwards, in an anticyclone lying over the more northern part of our Islands and the North Sea. Lowest 29.7 ins. and less, in an elongated depression lying over Russia, 29.9 ins. and less, in another disturbance lying over the southern part of the Bay of Biscay, and also in a small system lying near Tunis. No important change occurring later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday 29th July.

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom. Reading at 32° F. and Sea Level.	Temp. Dry Bulb.	Wind.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Shade Temp.			Wind.		Sea (0 to 5).	Weather.	Shade Temp.		Amount of Rainfall.		
				Dir.	Force (0 to 12).				Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	29.98	53	WNW	4	bc	29.98	-31	53	54	+7	WNW	4	c	#	bc	59	43	—	
	Hernösand ...	29.19	57	S	2	b	29.10	-15	61	54	+4	WNW	2	b	#	b	68	43	—	
	Stockholm ...	29.24	57	SE	2	b	29.19	-05	67	57	+8	WNW	2	b	#	b	72	48	—	
	Wisby ...	29.25	58	WNW	4	b	29.25	-03	53	56	0	WNW	4	0	#	b	68	50	—	
	Bodö ...	29.97	55	SW	8	r	29.96	-16	47	48	+3	SW	6	r	3	r	50	45	110	
	Christiansund...	29.21	52	WNW	5	f	29.21	-10	54	50	+1	SW	2	0	3	f	53	50	—	
	Skudesnaes ...	29.21	57	WN	2	b	29.25	-01	53	52	-3	WNW	4	b	2	b	70	50	—	
	Christiania Fjord (Færd)	29.21	67	WNW	3	b	29.17	-10	68	64	+7	WNW	2	b	1	b	68	?	—	
	Skagen (The Scaw)	29.24	64	N	1	b	29.22	-02	65	60	-1	WNW	1	b	0	b	75	54	—	
	Fanö ...	29.23	59	WN	1	b	29.24	00	59	59	+1	E	2	b	#	b	70	52	—	
BRITISH ISLANDS.	Sumburgh Head	29.24	54	2	0	0	29.20	-07	53	57	+1	SW	1	0	0	0	56	49	—	
	Stornoway ...	29.21	57	E	3	b	29.21	-06	53	58	+1	2	0	0	2	0	60	45	—	
	Wick ...	29.21	58	E	2	0	29.21	-07	53	52	-3	S	2	0	1	0	60	49	—	
	Nairn ...	29.20	58	ENE	1	b	29.20	-05	54	53	-1	2	0	0	0	0	64	49	—	
	Aberdeen ...	29.26	54	E	1	0	29.24	-04	57	50	-3	E	1	0	1	0	58	53	—	
	Leith ...	29.23	56	NE	3	b	29.23	-03	52	57	-9	ENE	2	om	#	b	63	51	—	
	Shields ...	29.20	55	WNW	3	od	29.21	-04	53	52	-3	WN	2	od	3	od	60	51	—	
	Spurn Head ...	29.27	56	WNW	3	0	29.26	-04	54	57	-1	NE	2	0	2	0	58	52	—	
	York ...	29.29	59	NE	1	0	29.21	-04	54	53	-3	NE	1	r	#	0	61	53	002	
	Loughborough	29.25	64	ENE	3	b	29.21	-03	54	57	-1	WNW	2	0	#	b	67	53	—	
GERMANY & HOLLAND.	Ardrassan ...	29.21	63	ENE	1	b	29.22	-03	54	52	-1	ENE	2	om	1	b	67	50	—	
	Malin Head ...	29.27	56	SE	3	b	29.20	-01	58	56	+2	WNW	1	om	0	b	58	52	—	
	Mullaghmore ...	29.27	63	WNW	1	b	29.20	-01	56	53	-1	2	0	0	b	60	49	—		
	Belmullet ...	29.21	65	NE	2	0	29.23	+04	53	55	-1	NE	2	0	#	b	60	54	—	
	Donaghadee ...	29.20	60	WNW	3	b	29.23	-01	53	52	-2	ENE	3	m	1	b	61	52	—	
	Liverpool (Bldston)	29.25	61	WNW	1	b	29.21	-03	54	50	0	ENE	2	0	3	b	67	53	—	
	Holyhead ...	29.24	58	NE	4	b	29.25	-01	60	57	+2	ENE	3	om	2	b	64	53	—	
	Parsonstown ...	29.25	64	NE	1	b	29.25	+03	57	50	-3	2	0	#	b	68	41	—		
	Valencia ...	29.27	66	W	1	b	29.26	+04	53	57	-2	2	0	1	b	70	50	—		
	Roche's Point	29.25	62	ENE	1	b	29.26	+03	57	56	-1	N	2	b	2	b	65	52	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.21	59	NE	2	b	29.23	+01	57	56	+4	E	2	b	2	b	64	53	—	
	Scilly ...	29.16	61	NE	2	0	29.16	+02	61	59	+1	WNW	3	om	2	om	64	57	—	
	Prawle Point ...	29.13	66	ENE	3	c	29.18	+02	57	53	-2	NE	5	c	4	c	66	56	—	
	Jersey (St. Aubin's)	29.10	65	ENE	4	b	29.13	00	60	59	-1	ENE	4	om	3	b	66	58	0.64	
	Hurst Castle ...	29.16	61	NE	4	b	29.20	+02	56	54	-4	NE	4	b	2	b	71	52	—	
	Dungeness ...	29.14	61	ENE	6	b	29.12	-03	61	59	+1	NE	5	b	5	b	65	55	—	
	North Foreland	29.19	58	NE	5	b	29.15	-04	58	56	0	NE	5	om	4	b	58	55	—	
	London ...	29.19	65	NE	2	b	29.21	-04	56	52	0	ENE	2	b	#	b	72	50	—	
	Oxford ...	29.23	58	NE	2	b	29.24	-02	54	57	0	NE	2	0	#	b	65	48	—	
	Cambridge ...	29.22	63	N	2	b	29.23	-04	57	53	0	N	1	b	#	b	66	48	—	
PENINSULA.	Yarmouth ...	29.17	58	WNW	3	c	29.21	-03	57	54	-1	N	3	c	3	b	61	54	—	
	Cuxhaven ...	29.24	64	WNW	1	b	29.21	-03	65	61	+6	E	2	b	#	b	67	61	—	
	Berlin ...	29.17	73	E	1	b	29.20	-03	67	59	+1	SE	2	b	#	b	71	61	—	
	Wiesbaden ...	29.19	66	NE	2	b	29.22	+01	63	59	+6	E	1	b	#	b	75	52	—	
	Munich ...	29.22	60	NE	5	b	29.21	-07	61	59	+3	WNW	4	b	3	b	63	57	—	
	The Helder ...	29.22	60	NE	5	b	29.21	-07	61	59	+3	WNW	4	b	3	b	63	57	—	
	Brussels (9 a.m.)	29.12	58	NE	5	c	29.14	-01	65	61	+4	NE	2	b	#	c	62	56	—	
	Cape Gris Nez	29.03	51	NE	2	b	29.09	-03	56	56	-3	NE	5	0	5	c	61	55	—	
	Paris ...	29.03	51	NE	2	b	29.10	+02	63	61	0	N	2	0	#	c	65	61	—	
	Brest ...	29.05	70	NE	3	c	29.06	+02	61	59	-1	NE	2	0	2	c	77	61	—	
FRANCE AND BELGIUM.	Lorient ...	29.05	70	WNW	3	c	29.06	+02	61	59	-1	NE	2	0	2	c	77	61	—	
	Rocheport ...	29.00	70	WNW	3	b	29.03	+04	67	65	-1	ENE	2	0	#	b	66	64	—	
	Belfort ...	29.01	70	E	3	b	29.02	+02	67	64	+4	E	3	b	#	b	65	63	—	
	Lyons ...	29.01	72	SW	2	b	29.11	+02	73	64	+4	E	1	b	#	b	63	64	—	
	Nice ...	29.02	73	NE	2	b	29.12	+04	67	62	-3	2	0	0	c	62	64	—		
	Perpignan ...	29.02	73	NE	2	b	29.11	+05	67	61	0	NE	2	0	#	b	61	66	—	
	Biarritz ...	29.01	73	WN	3	b	29.06	+04	70	61	+2	WNW	3	c	2	b	77	68	0.04	
	Corunna ...	29.10	69	NE	2	b	29.12	+05	68	64	+2	WN	3	b	#	b	77	64	—	
	Lisbon ...	29.10	69	NE	2	b	29.12	+05	68	64	+2	WN	3	b	#	b	77	64	—	
	Lisbon ...	29.10	69	NE	2	b	29.12	+05	68	64	+2	WN	3	b	#	b	77	64	—	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Friday, 29th July, 1892.

BAROMETER, WIND AND SEA:

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows show the prevalent winds. They fly with the wind and

their barbs and feathers refer to force thus—

→ = forces above 10; → = forces 8 to 10;

→ = forces 5 to 7; → = forces 1 to 4.

☉ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

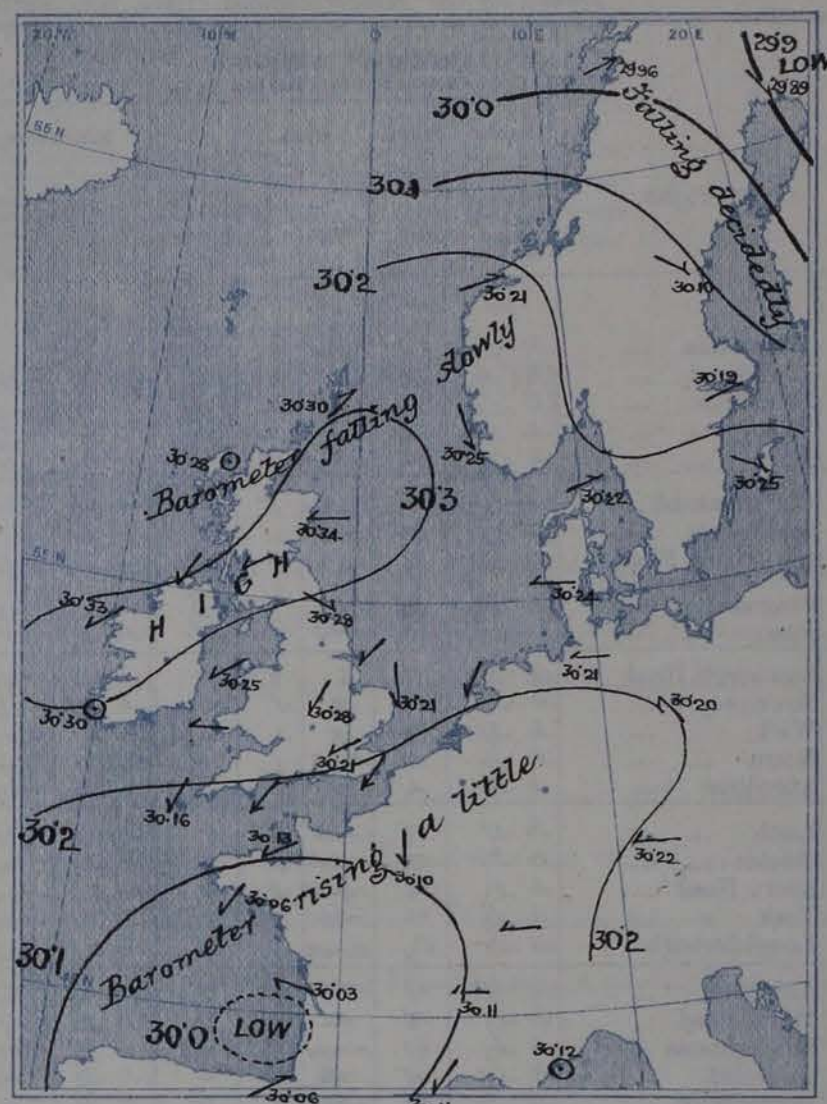
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.957
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.948
Cambridge	29.937
Yarmouth	29.929



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

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

WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry. at 8 a.m.	Wet.	
Sumburgh Head.....	67.4	48.0	53.1	51.5	2.27
Stornoway	60.2	48.9	55.5	53.6	3.02
Wick	61.8	48.7	55.2	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.6	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	55.6	2.96
Parsonstown	66.4	51.5	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point	66.1	53.2	58.8	55.9	3.23
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	56.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.9	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.0	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and more to 30.2 ins. over the British Islands, the North Sea and Germany.
 Lowest, 29.9 ins. and less, over the north of Ireland and east of Lapland; 30.0 ins. and less, over the southerly part of the Bay of Biscay.
 Gradients very slight except over the Channel.
 Barometer still inclined to rise over the southern part of our Islands, but fallen a little in the north.

TEMPERATURE

Highest, 67° to 72° over the south-western and southern part of France, 63° at Paris, 61° at Kiel, and also at Harboursand.
 Lowest, 49° at Bodø, 51° at Aberdeen, 52° at Leth, 53° at Shields and Thell.
 The maxima of yesterday again exceeded 70° at some of our southern stations, and touched 79° at the Scaur, 81° at Berlin, 82° at Brussels, 85° at Paris, and 88° at Lyons.

WIND

Calm in Ireland and Scotland; SW² over the northern half of Norway, NW² to W² over Sweden, NE² over England and the Channel, E² over France. The NE² wind is decreasing in force slowly.

WEATHER

Dull over our northern districts, with slight rain at York and Shields; fine almost everywhere else.
 Lightning occurred at some of our southern and southern stations and in France last night, and a severe thunderstorm at Jersey early this morning; 0.6 inch of rain fell.

SEA

Moderate in the Channel, rather rough in Strait of Dover, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The NE² and E² breezes seem to be dying down very slowly. Temperature seems likely to increase still further over our Islands.

FORECASTS

For the 24 hours ending at NOON on 30th JULY, 1892.

DISTRICTS.

FORECASTS.

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

Very Variable airs; fair, hazy.

NE² breezes, moderate or light; fair.

NE² breezes, moderate and fresh; fine.

DISTRICTS.

FORECASTS.

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

Same as Nos 0 and 1.

Same as Nos 2 to 4.

Same as No 5.

Same as Nos 0 and 1.

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.			
Skudesnæs ...	30.30	73	60	N	2	b	2	Valencia ...	30.22	66	62	W.S.W	3	bcm	3
Sumburgh Head ...	30.3	54	52	2	0	0	0	Scilly ...	30.17	62	59	E.N.E	4	sm	4
Stornoway ...	30.25	53	51	N.E	4	b	4	Jersey ...	30.11	65	61	N.E	5	c	4
Aberdeen ...	30.3	54	51	E.N.E	2	c	2	Hurst Castle ...	30.16	70	67	N.E	5	bcm	3
Shields ...	30.36	57	54	N.W.E	3	0	3	Dungeness ...	30.16	64	61	E.N.E	6	c	5
Ardrossan ...	30.31	65	62	E.N.E	1	bcm	1	North Foreland ...	30.13	53	5	N.E	5	c	5
Malin Head ...	30.31	57	53	E.N.E	3	b	1	London ...	30.20	68	59	N.E	3	bcm	*
Mullaghmore ...	30.28	65	59	N.E	1	bcm	1	Yarmouth ...	30.25	60	55	N.N.E	3	bcm	4
Belmullet ...	30.28	65	60	E	1	bcm	*	Rochefort ...	30.00	70	72	N.W.W	3	b	*
Holyhead ...	30.25	63	57	E.N.E	3	bcm	3								

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

Weather fine and bright over Finland, Sweden, the Baltic, and the greater part of central and southern Europe; fair over the United Kingdom, but temporarily overcast in many of the central districts, and hazy at the Channel stations. Dull in Russia and also in Algeria. Thunderstorms occurring later at Rianitz and the western part of the English Channel, with heavy rain at Jersey; lightning seen at the North Foreland and also at Lyons.

Temperature highest 84° at La Caille, 82° at Palma, 81° at Aumale, and 80° at Cagliari; above 75° at most of the Mediterranean and Adriatic stations, and above 65° over the southern part of France. Lowest 46° at Rods, 51° at Archangel, 52° at Haparanda and Sumburgh H., and 53° at Uleaborg, Christiansund, and Pembroke. Daily maxima below 60° over some parts of our east and southeast coasts, but thermometer reaching 70° at Valencia Island, 71° at Hurst Castle, and 72° in London. Exceeding 80° over France and Belgium, and reaching 89° at Lyons.

Wind E or NE over our Islands, France, the Netherlands and western Germany; light in force generally, but fresh or strong at the Channel stations. Light or moderate from the N. over Sweden, Russia, and the Baltic; NW over southern Italy. Variable over Spain, Algeria, and northern Italy. No important change occurring during day.

Barometer highest 30.3 in. ^{and upwards} over the northern parts of our Islands and the North Sea; 30.2 in. and upwards, in a large anti-cyclone covering nearly the whole of western and central Europe and extending southwards over Italy. Lowest 29.7 in. and less, in a depression lying over Central Russia; 30.0 in. and less, in a shallow system lying over the Bay of Biscay. Slight fall of barometer taking place over Western Europe during day, but no important change occurring in general distribution of pressure.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on SATURDAY, 30TH JULY, 1892.

Issued by the Meteorological Office, 53, Victoria Street, London. R. H. SCOTT, Secretary.

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	30.17	57	W	2	0	29.78	-11	58	53	-1	N	4	C	*	0	68	50	—	
	Hernösand ...	30.04	58	W	2	C	29.96	-14	60	53	-1	NNW	6	C	*	C	75	48	0.04	
	Stockholm ...	30.06	64	SW	2	bc	29.78	-21	66	59	-1	W	2	C	*	bc	81	50	—	
	Wisby ...	30.13	60	SW	6	C	30.04	-21	64	60	+5	W	4	C	*	C	70	54	—	
	Bodö ...	29.91	49	SW	4	T	29.78	+02	47	43	-2	W	2	C	1	T	58	43	0.71	
	Christiansund...	30.16	52	WNW	5	f	30.10	-11	50	50	-4	WNW	1	T	3	f	55	?	0.04	
	Skudesnaes ...	30.19	53	NNW	6	f	30.15	-10	57	54	+2	NNW	4	C	2	f	?	58	—	
	Christiania Fjord (Færdier)	30.00	66	SW	6	C	30.01	-16	63	56	-5	NNE	6	C	1	C	68	61	—	
	Skagen (The Scaw)	30.11	64	WNW	2	C	30.02	-20	63	60	-2	WNW	3	C	2	C	72	55	—	
	Fanö ...	30.14	62	W	2	C	30.12	-12	59	57	0	W	3	C	*	C	75	57	—	
BRITISH ISLANDS.	Sumburgh Head	30.25	52	S	1	C	30.15	-15	55	55	+2	W	2	f	2	C	55	48	0.03	
	Stornoway ...	30.27	61	S	0	bc	30.19	-09	57	57	-2	S	0	f	2	C	65	48	—	
	Wick ...	30.30	56	SW	1	bc	30.20	-11	62	60	+3	W	1	C	0	bc	62	50	—	
	Nairn ...	30.24	58	NE	1	C	30.20	-09	57	56	+3	S	0	C	1	bc	69	51	—	
	Aberdeen ...	30.30	52	SE	2	0	30.22	-12	57	54	+6	S	1	C	1	C	57	47	—	
	Leith ...	30.27	55	NE	2	C	30.25	-08	52	52	0	N	1	m	*	C	60	50	—	
	Shields ...	30.27	55	N	2	odp	30.24	-04	52	51	-1	NNW	1	d	2	odp	57	49	0.03	
	Spurn Head ...	30.23	56	NNE	2	odp	30.21	-05	53	54	+1	NNE	3	odp	3	odp	53	53	—	
	York ...	30.26	57	ESE	1	0	30.24	-04	54	50	0	N	2	0	*	0	60	53	0.01	
	Loughborough	30.23	61	NE	3	C	30.23	-05	55	53	+1	NNE	3	0	*	C	65	53	—	
GERMANY & HOLLAND.	Ardrossan ...	30.24	65	N	2	bc	30.25	-07	54	54	0	N	1	of	1	bc	67	50	—	
	Malin Head ...	30.27	60	NNW	2	C	30.28	-02	57	55	-1	NNW	1	of	0	C	61	52	—	
	Mullaghmore ...	30.20	63	WN	3	bc	30.30	00	53	54	-1	S	0	of	0	bc	67	51	—	
	Belmullet ...	30.34	61	NE	2	C	30.33	00	61	60	+2	N	1	of	*	C	63	52	—	
	Donaghadee ...	30.28	60	SE	3	m	30.28	-05	52	52	-1	NE	3	f	0	m	62	51	—	
	Liverpool (Bidston)	30.23	60	N	2	bc	30.24	-04	56	52	+2	NNE	1	0	2	bc	65	53	—	
	Holyhead ...	30.23	57	NNE	3	C	30.24	-01	57	54	-3	ESE	3	omg	2	C	60	54	—	
	Parsonstown ...	30.24	70	NE	1	bc	30.28	-01	55	54	+4	S	0	C	*	bc	71	48	—	
	Valencia ...	30.28	64	NNW	4	bc	30.33	+03	62	59	+3	N	2	C	3	bc	68	53	—	
	Roche's Point	30.25	64	ESE	1	C	30.27	+01	62	58	+3	NNE	2	C	2	C	67	51	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Rd.)	30.17	59	N	3	C	30.20	-03	53	57	+2	NNE	2	C	2	C	66	53	—	
	Scilly ...	30.16	62	NNE	3	C	30.16	00	60	58	-1	NNE	4	mc	1	C	65	57	—	
	Prawle Point ...	30.15	60	ESE	2	C	30.16	-02	56	56	-1	ESE	2	T	1	C	65	56	0.06	
	Jersey (St. Aubin's)	30.02	61	ESE	3	omg	30.13	00	61	59	+1	NE	3	omg	3	C	64	53	0.01	
	Hurst Castle ...	30.14	60	SW	3	bc	30.16	-04	54	54	-2	NE	3	C	2	bc	73	53	0.35	
	Dungeness ...	30.11	63	ESE	4	bc	30.07	-05	58	58	-3	NE	5	T	4	bc	67	56	0.27	
	North Foreland	30.13	59	NE	5	bc	30.14	-01	57	57	-1	N	3	op	3	bc	60	54	0.03	
	London ...	30.15	72	ESE	1	C	30.17	-04	56	53	0	NNE	1	0	*	bc	75	53	—	
	Oxford ...	30.19	61	NE	2	C	30.20	-04	54	53	0	NE	2	0	*	C	70	49	—	
	Cambridge ...	30.18	64	N	1	bc	30.18	-05	57	55	0	N	2	0	*	C	70	50	—	
PENINSULA.	Yarmouth ...	30.18	58	N	3	C	30.15	-06	57	56	0	N	5	0	3	C	60	54	—	
	Cuxhaven ...	30.20	67	E	2	C	30.13	-08	66	63	+1	NNE	2	C	*	C	74	64	—	
	Berlin ...	30.13	77	ESE	1	C	30.11	-09	69	61	+2	ESE	1	C	*	C	84	61	—	
	Wiesbaden ...	30.19	68	NE	1	C	30.08	-08	68	63	+4	SW	1	C	*	C	84	61	—	
	Munich ...	30.18	68	NE	1	C	30.17	-05	67	61	+4	E	2	C	*	C	75	54	0.08	
	The Helder ...	30.18	58	N	4	f	30.13	-08	63	61	+2	NE	4	C	3	C	66	57	—	
	Brussels (9 a.m.)	30.08	59	NE	5	C	30.06	-08	65	67	+4	S	0	C	*	C	84	61	—	
	Cape Gris Nez	30.08	59	NE	5	C	30.06	-08	65	67	0	NE	5	T	4	C	61	53	0.32	
	Paris ...	30.04	77	NNE	2	C	30.09	-01	66	63	+3	NNW	2	C	*	C	82	58	0.08	
	Brest ...	30.07	61	E	4	T	30.07	00	59	57	-1	NNE	2	0	1	C	81	55	1.26	
FRANCE AND BELGIUM.	Lorient ...	30.07	65	N	4	C	30.17	+11	59	57	-2	NNE	2	m	2	C	75	57	0.53	
	Rochefort ...	30.02	68	NNW	3	C	30.08	+05	65	63	-2	NNW	3	C	*	C	77	63	0.08	
	Belfort ...	30.02	68	E	3	C	30.07	00	68	58	-1	E	3	C	*	C	82	62	0.08	
	Lyons ...	30.00	81	ESE	1	C	30.07	-04	74	68	+1	ESE	1	C	*	C	81	67	—	
	Nice ...	30.10	75	SW	1	C	30.10	-02	76	65	+4	S	0	C	0	C	84	66	—	
	Perpignan ...	30.05	72	NE	2	0	30.07	-02	67	65	0	SW	2	C	*	C	80	64	—	
	Biarritz ...	30.09	75	NNW	2	C	30.12	+06	70	67	0	N	2	0	0	C	81	68	—	
	Corunna ...	30.08	69	NE	5	C	30.07	-05	68	63	0	N	5	C	*	C	77	64	—	
	Lisbon ...	30.08	69	NE	5	C	30.07	-05	68	63	0	N	5	C	*	C	77	64	—	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 30th July, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

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

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

SEA DISTURBANCE—Where considerable, is shown thus:

≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.815
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.856
Mullaghmore	29.869
Donaghadee	29.877
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and more to 30.2 ins. over Ireland, Scotland, and the north of England, and exceeding 30.1 ins. over our southern district, the North Sea and Germany.
 Lowest, below 30.1 ins. over France, and below 29.8 ins. over Ireland and the east of England.
 Gradients slight everywhere.
 Barometer falling slowly and irregularly.

TEMPERATURE

Highest, 69° to 76° over the southern parts of France, 69° at Brussels, 66° at Paris, Copenhaven, and Stockholm.
 Lowest, 47° at Brest, 50° at Christianaund, 51° at Louth and Donaghadee. Below 60° over nearly the whole of our islands.
 The maxima yesterday ranged from 70° to 75° over the southeastern counties, and were as high as 81° at Stockholm, 82° at Paris, 84° at Berlin, Brussels and Nice. The night was rather cool.

WIND

Extremely variable and light at our northern stations; W and NW over Scandinavia; N over the North Sea and England, NE in the Channel; N over the Bay of Biscay, SE at Dublin.
 The N and NE breezes are decreasing in strength very gradually.

WEATHER

Fair in Ireland and many parts of Scotland, dull over England with rain in several places.
 Heavy local showers are reported over our southern counties.
 Thunder or lightning occurred over our southern district and in France last night.

SEA

Moderate to slight, and decreasing, in the Channel, smooth generally elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is becoming of a more and more unsettled type, and rain (with thunder in places) is likely to become general over England.

FORECASTS

For the 24 hours ending at NOON on 31st July, 1892.

DISTRICTS.

FORECASTS.

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

Variable and W² breezes, light; unsettled, rain at times.
 N² and Varying breezes; dull, rain at times, thunder locally.

DISTRICTS.

FORECASTS.

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

Variable and NW² airs; dull, close, rainy at times.
 Same as N^o 3 to 5.
 N² breezes, backing later; fair to unsettled and showery.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	TEMP.	WIND.	F.	WEA.	SEA.		BAR.	TEMP.	WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.					Dry.	Wet.	Dir.		
Skudesnæs ...	30.24	57	54	NW	6	2	Valencia ...	30.30	61	61	N	4	2
Sumburgh Head ...	30.21	54	52	SW	2	1	Scilly ...	30.16	63	60	NNE	3	2
Stornoway ...	30.27	63	62	S	2	2	Jersey ...	30.13	64	61	NE	3	3
Aberdeen ...	30.21	53	52	SE	2	1	Hurst Castle ...	30.14	71	67	NE	3	1
Shields ...	30.21	53	54	N	3	od. 3	Dungeness ...	30.14	65	63	ENE	5	5
Ardrossan ...	30.27	66	67	ENE	2	bc. 1	North Foreland ...	30.12	60	58	NE	4	5
Malin Head ...	30.30	57	57	NNE	1	0	London ...	30.16	70	61	ENE	2	5
Mullaghmore ...	30.30	64	60	WNW	3	bc. 1	Yarmouth ...	30.21	53	56	NNE	3	3
Behmullet ...	30.30	63	58	NE	2	6	Rochefort ...	30.04	75	73	NW	3	*
Holyhead ...	30.25	57	53	NNE	3	6							

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

Weather fine and bright over by far the greater part of Europe, but dull over the northern and central part of Great Britain, with rain at Shields and York. Dull also in the west of France with rain at Brest. Thunderstorms occurring later in the west of France and the extreme south and southeast of England, with heavy rain at Brest (13 inches).

Temperatures very high in Algeria, — 95° at Algiers and 92° at Fefalla, above 75° over the Mediterranean and Adriatic generally, and reaching 80° at Cagliari. Lowest 46° at Archangel; 45° at Brest; 51° at Aberdeen and Parnassos, and 52° at Fife; below 55° over the northern and central part of the United Kingdom generally. Daily maxima not exceeding 60° on the east coast of Britain, but thermometer rising above 70° at one or two of our southern stations, and reaching 75° in London. Exceeding 80° over France and Belgium, and rising to 91° at Lyons.

Wind NE³ or E³ over the greater part of our Islands, France and the Netherlands; light in force generally, but fresh at some of the Channel stations. Light to moderate from the SWnd in the west of Norway, and from the NWnd or Nnd over Russia, east Austria, and the southern part of Italy. Variable or W³ in Spain and the southwest of France; S³ (SW to SE) in Algeria. Subsequently becoming variable on our north and northwest coasts.

Barometer highest 30.3 in. and upwards in a narrow band stretching from SW to NE. across Ireland and Scotland. Lowest 29.9 in. and less, in two shallow depressions, — one lying over Lapland and the other over Central Russia; 30.0 in. and less, in a very slight disturbance lying over the southeastern part of the Bay of Biscay. Small disturbances subsequently moving northwards; barometer falling in most parts of Western 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 21st July.

1892.

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

STATIONS.		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)										PAST 24 HOURS.			
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.										°	Inch.		
SCANDINAVIA.	Haparanda ...	29.78	48	2	0	bc	29.81	+0.3	50	44	-8	N	2	bc	#	bc	61	46	—	
	Hernösand ...	29.93	59	W	2	C	29.91	-0.5	54	48	-6	NNW	2	b	#	C	70	50	—	
	Stockholm ...	29.89	59	2	0	C	29.88	-1.0	62	56	-4	N	2	C	#	C	73	59	—	
	Wisby ...	29.87	63	SW	4	b	29.84	-2.0	66	62	+2	S	2	b	#	b	77	57	—	
	Bodö ...	29.99	46	NNW	5	C	29.92	-0.6	46	42	-1	NNW	4	T	2	C	41	0.04		
	Christiansund...	30.06	53	NNW	1	C	29.97	-1.3	51	47	+1	NE	2	C	2	C	48	0.04		
	Skudesnaes ...	30.03	54	NW	2	0	29.91	-2.4	55	54	-2	NNW	2	T	2	om	59	52	—	
	Christiania Fjord (Fjord)	29.84	65	WNW	4	bc	29.84	-1.7	61	57	-2	N	6	C	1	bc	70	61	—	
	Skagen (The Seaw)	29.97	61	WNW	1	b	29.83	-1.9	62	58	-1	W	1	C	1	b	75	54	—	
	Fanö ...	30.01	59	NW	4	b	29.93	-1.9	57	55	-2	NW	4	0	#	b	70	55	—	
BRITISH ISLANDS.	Sumburgh Head	30.02	54	W	1	T	29.87	-2.8	54	54	-1	NE	1	f	2	T	57	51	0.16	
	Stornoway ...	30.03	59	W	3	T	29.97	-2.2	56	56	-1	NW	4	0	4	9.7	62	53	0.02	
	Wick ...	30.03	61	S	1	0	29.98	-2.7	57	55	-5	NW	4	0	2	0	63	55	0.25	
	Nairn ...	30.03	64	NNW	2	C	29.94	-2.6	60	57	+3	W	3	C	1	C	73	55	—	
	Aberdeen ...	30.06	58	S	1	C, d	29.95	-2.7	61	57	+4	NW	2	0	2	cm, T	66	56	0.09	
	Leith ...	30.10	62	WNW	4	C	29.96	-2.9	60	58	+8	WNW	4	0	#	C	72	51	0.02	
	Shields ...	30.13	57	SE	3	C	29.96	-2.8	62	60	+10	SW	3	0	2	d, C	62	51	0.02	
	Spurn Head ...	30.16	55	2	0	0	30.01	-2.0	59	57	+4	W	1	C	1	0, f	59	52	0.01	
	York ...	30.16	60	N	1	0	30.01	-2.3	63	59	+9	W	1	bc	#	0	63	57	—	
	Loughborough	30.16	66	N	2	bc	30.07	-1.6	60	58	+5	W	2	cm	#	bc, f	70	50	0.01	
GERMANY & HOLLAND.	Ardrossan ...	30.16	59	2	0	0	30.01	-2.4	59	57	+5	W	4	b	3	0	61	53	—	
	Malin Head ...	30.17	59	WNW	4	om	30.10	-1.8	56	56	-1	NW	4	0	3	om, d, f, m	61	55	0.07	
	Mullaghmore ...	30.23	60	SW	3	om	30.17	-1.3	59	58	+4	NW	4	om	3	0, f, om, p	61	54	0.07	
	Belmullet ...	30.27	61	W	1	0	30.23	-1.0	60	59	-1	NW	3	0	#	0	64	60	0.06	
	Donaghadee ...	30.19	57	NE	2	f	30.09	-1.9	61	60	+9	W	3	T	1	f	61	52	0.01	
	Liverpool (Bidston)	30.18	58	NW	1	C	30.08	-1.6	58	57	+2	W	3	od	3	C	63	54	0.01	
	Holyhead ...	30.20	57	N	2	C	30.10	-1.4	58	58	+1	NW	3	dmf	2	b, C	60	54	0.04	
	Parsonstown ...	30.23	61	NW	1	C	30.18	-1.0	60	59	+5	NW	1	T	#	C	65	54	0.03	
	Valencia ...	30.31	62	NW	3	0	30.27	-0.6	61	60	-1	NW	5	om	5	om, 0	68	57	—	
	Roche's Point	30.27	64	N	3	bc	30.17	-1.0	64	60	+2	NNW	5	bc	4	bc	72	60	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.17	58	NNE	4	b	30.14	-0.6	59	59	0	NNW	1	cm	0	b	64	54	—	
	Scilly ...	30.18	62	N	4	C	30.14	-0.2	62	60	+2	N	4	C	1	m, C	64	56	—	
	Prawle Point ...	30.15	58	ENE	1	C	30.12	-0.4	66	63	+10	NE	1	m	0	f, C	67	54	0.04	
	Jersey (St. Aubin's)	30.13	62	N	2	om	30.09	-0.4	62	60	+1	NW	2	om	2	om	64	57	—	
	Hurst Castle ...	30.13	62	WNW	1	0	30.11	-0.5	59	57	+4	E	1	m, f	9	cm, 0, f	64	54	0.04	
	Dungeness ...	30.08	62	N	3	C	30.06	-0.1	57	56	-1	N	2	om	1	C	67	56	—	
	North Foreland	30.09	58	N	3	0	30.04	-1.0	58	58	+1	NW	2	0	2	9.7, 0	60	54	0.04	
	London ...	30.11	71	N	1	bm	30.10	-0.7	58	56	+2	NW	1	0	#	bc, f, 0	72	55	—	
	Oxford ...	30.14	62	NNE	1	bc	30.09	-1.1	57	55	+3	N	1	0	#	bc	72	53	—	
	Cambridge ...	30.15	66	N	2	b	30.07	-1.1	61	58	+4	SW	1	C	#	b	70	52	—	
PENINSULA.	Yarmouth ...	30.15	57	NNE	4	C	30.05	-1.0	57	54	0	NW	1	bc	2	C	62	51	—	
	Cuxhaven ...	30.05	60	N	4	b	30.00	-1.3	60	58	-6	NNE	3	C	#	b	72	53	—	
	Berlin ...	29.97	78	SW	1	b	29.89	-2.2	70	62	+1	W	3	bc	#	b	88	63	—	
	Wiesbaden ...	*	*	*	*	*	29.91	-1.0	69	63	+1	SE	2	C	#	#	82	63	—	
	Munich ...	30.11	70	NW	2	0	30.09	-0.8	70	63	+3	SW	2	b	#	0	81	59	—	
	The Helder ...	30.10	59	NNE	3	b	30.04	-0.9	59	56	-4	N	1	bc	1	b	66	57	—	
	Brussels (9 a.m.)	*	*	*	*	*	30.05	-0.1	61	57	-8	NW	1	C	#	bc	77	57	—	
	Cape Gris Nez	30.06	57	NE	3	m	30.03	-0.3	58	55	-1	NNE	3	m	4	m	61	54	0.08	
	Paris ...	30.02	77	NE	2	0	30.06	-0.3	61	60	-5	N	2	0	#	0	82	61	0.16	
	Brest ...	64	NNNE	2	C	?	?	56	53	-2	NE	2	m	2	C	75	54	—		
FRANCE AND BELGIUM.	Lorient ...	30.10	70	N	2	b	30.10	-0.7	59	58	0	N	3	T	2	b	72	59	—	
	Rochefort ...	30.07	64	NW	4	bc	30.04	-0.4	64	63	-1	N	2	m	#	bc	73	63	—	
	Belfort ...	?	78	E	3	bc	?	?	67	64	+1	E	3	C	#	bc	89	56	—	
	Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Nice ...	30.03	75	ENE	2	C	30.02	-0.8	71	68	-5	NE	2	b	1	C	86	68	0.04	
	Perpignan ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Biarritz ...	30.09	71	N	3	0	30.07	-0.5	68	66	-2	NE	2	0	0	9.6	73	64	—	
	Corunna ...	*	*	*	*	*	30.20	+0.8	66	58	-2	NE	4	b	3	#	70	54	—	
	Lisbon ...	30.04	68	NNW	5	b	30.04	-0.3	67	63	-1	NNW	4	b	#	b	79	64	—	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Sunday, 31st July 1892.

BAROMETER, WIND AND SEA.

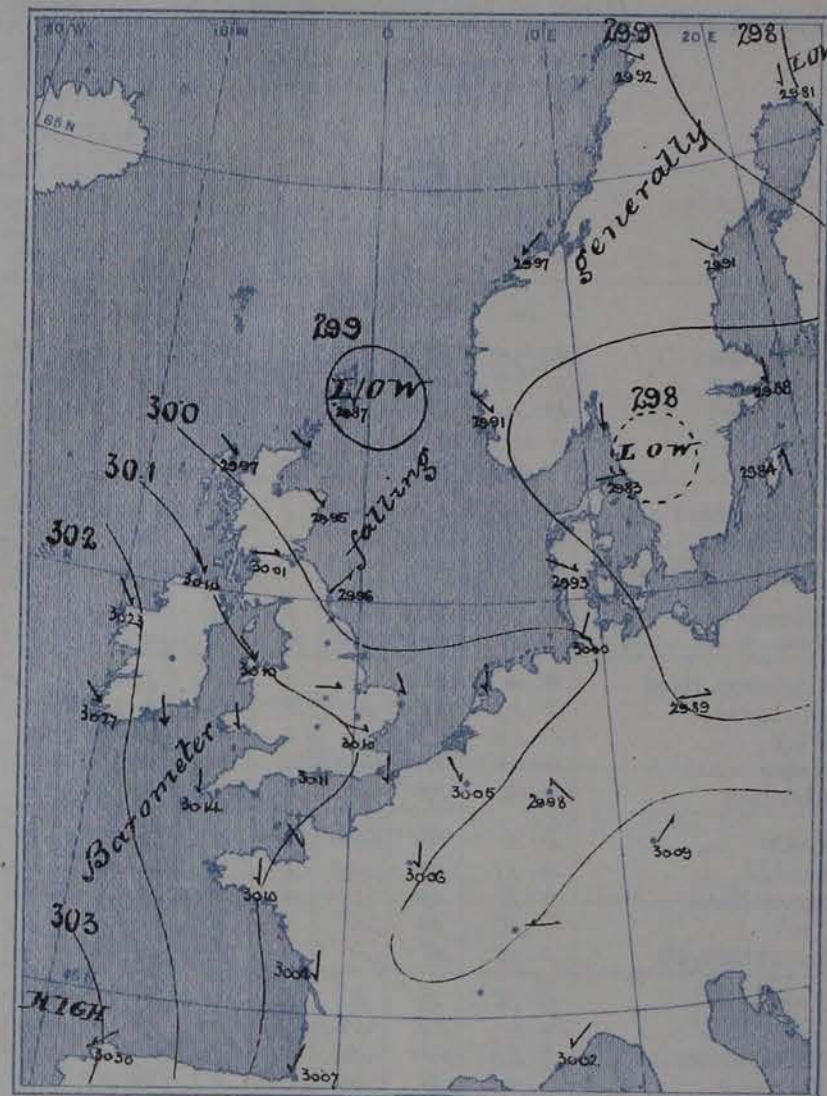
EXPLANATION OF MAP

BAROMETER—Isobars are drawn for each tenth of an inch.
Changes since previous morning are stated in words.
WIND—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus—
→ = forces above 10; →→ = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4.
○ = dead calm.
SEA DISTURBANCE—Where considerable, is shown thus:
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of July
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sunburgh Head	29.784
Stornoway	29.795
Wick	29.806
Nairn	29.816
Aberdeen	29.826
Leith	29.844
Shields	29.867
Spurn Head	29.900
York	29.901
Loughborough	29.928
Ardrossan	29.956
Mullaghmore	29.969
Donaghadee	29.977
Holyhead	29.910
Liverpool	29.906
Parsonstown	29.913
Valencia	29.935
Roche's Point	29.932
Pembroke	29.936
Scilly	29.974
Prawle Point	29.987
Jersey	30.001
Hurst Castle	29.968
Dover	29.957
LONDON	29.957
Oxford	29.946
Cambridge	29.937
Yarmouth	29.929



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

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

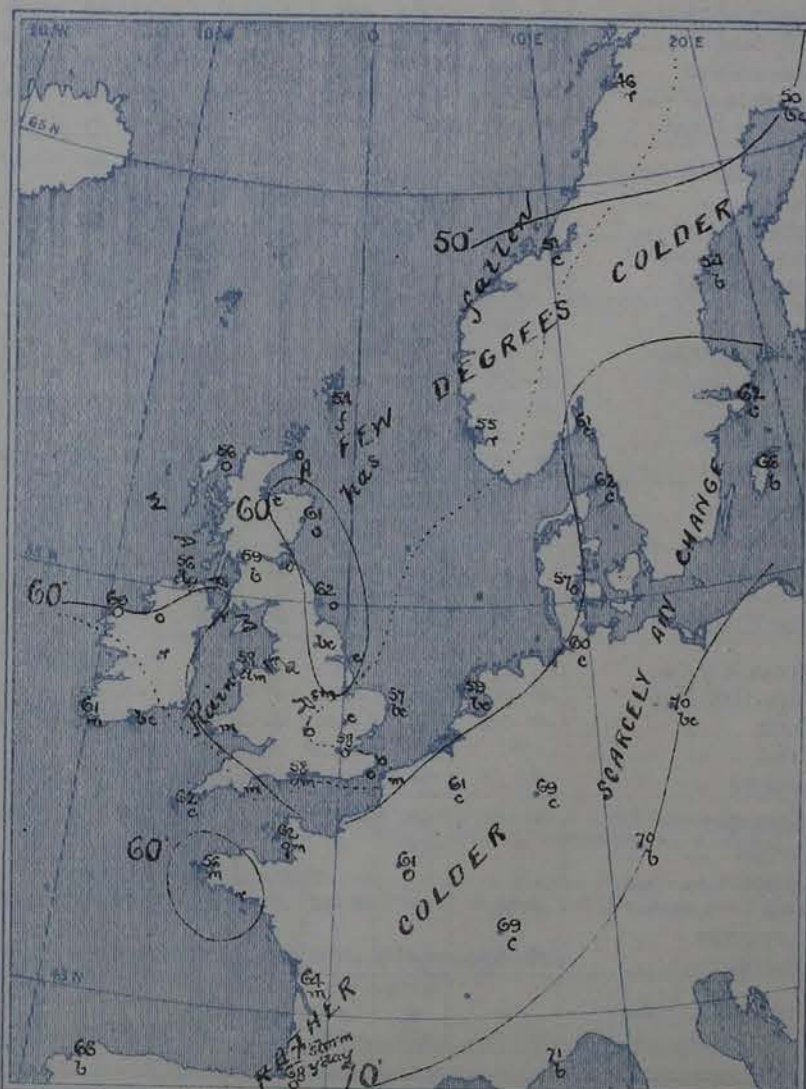
WEATHER is shown by Letters of the Beaufort Scale.

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

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL. (For the month of July.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sunburgh Head.....	67.4	48.0	53.1	51.6	2.27
Stornoway	60.2	48.9	55.5	53.6	3.02
Wick.....	61.8	48.7	55.8	53.5	2.34
Nairn	64.3	50.9	56.7	53.3	2.59
Aberdeen	63.9	50.6	57.5	53.9	2.78
Leith	66.7	51.2	58.4	54.9	2.85
Shields	64.1	52.2	58.3	55.0	2.66
Spurn Head.....	65.1	55.2	59.5	56.8	1.74
York	68.7	51.9	59.2	55.9	2.70
Loughborough	71.5	52.6	61.4	57.6	2.34
Ardrossan	63.5	52.8	57.3	54.6	2.91
Mullaghmore	62.9	54.0	57.2	54.4	3.72
Donaghadee.....	63.2	51.8	57.4	55.5	2.82
Holyhead	63.8	54.3	58.1	55.8	2.40
Liverpool	65.9	54.2	59.4	56.6	2.96
Parsonstown	66.4	51.6	58.1	54.8	2.96
Valencia	64.0	53.6	58.9	56.4	3.90
Roche's Point.....	66.1	53.2	58.8	55.9	3.29
Pembroke.....	62.5	54.8	58.0	56.0	2.54
Scilly	64.4	56.2	60.2	58.1	2.46
Prawle Point	64.5	53.7	59.6	57.3	2.24
Jersey	68.3	50.2	62.0	58.9	2.40
Hurst Castle	67.8	55.5	61.1	58.8	2.20
Dover	66.8	56.3	61.9	58.4	1.95
LONDON	72.4	54.0	62.0	57.8	2.38
Oxford	69.6	53.4	60.0	56.6	2.58
Cambridge	71.9	52.2	61.3	57.7	2.42
Yarmouth	66.6	54.9	60.9	57.8	2.85

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. to 30.0 ins. over Spain, Ireland, England, the Bay of Biscay and greater part of France; (2) 30.1 ins. to 30.0 ins. over central and southern Russia.
 Lowest 29.7 ins. and less over the White Sea, northern Russia and the east of Lapland, about 29.8 ins. over the south of Sweden; 29.9 ins. and less over the Shetlands & adjacent parts of the North Sea.
 Gradients slight to moderate; and very variable. Barometer falling generally & unsteadily.

TEMPERATURE

Highest 70° to 78° in the south of France, 68° at Biarritz, 66° at Prawle Point and also at Wisby; above 60° in many parts of our Islands.
 Lowest 46° at Bodo, 50° at Haparanda, 51° at Christiansund.
 The maxima recorded yesterday were above 70° in several parts of England, Ireland & Scotland, scarcely above 60° in many other places and as low as 59° at Spurn H., 57° at Dunbar H.

WIND

Extremely variable, and light over Russia and southeastern Europe. Mainly NW^{ly} in our Islands (but SW^{ly} in a few localities) N^{ly} in the west of France, NE^{ly} over Spain. A well-marked cyclonic circulation of light winds over the Sth parts of Scandinavia & the Baltic.

WEATHER

Cloudy and unsettled over our Islands and western Europe generally, with rain in Norway and a little at some of our own stations. Showers fell over several parts of our SE^m counties yesterday (0.3 at the North Foreland), and very generally over our northern and northwestern districts.

SEA

Rather rough at Valencia, moderate at some other of our northwestern and western stations, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 1ST AUGUST. 1892.

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

WARNINGS

NONE ISSUED

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.		THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry	Wet								Dry	Wet				
Skudesnaes ...	30.11	59	57	WNW	4	om	2		Valencia ...	30.33	66	60	N	3	om	3
Sumburgh Head ...	30.09	56	56	W	2	T	2		Scilly ...	30.17	63	59	NNE	4	m	1
Stornoway ...	30.12	57	57	SW	4	0	4		Jersey ...	30.13	64	61	N	3	ogm	3
Aberdeen ...	30.13	57	55	S	2	cm	2		Hurst Castle ...	30.15	64	60	WSW	1	cm	1
Shields ...	30.19	56	53	E	3	C	3		Dungeness ...	30.10	66	63	N	3	C	3
Ardrossan ...	30.21	57	57	2	0	0	0		North Foreland ...	30.12	60	57	N	2	0	4
Malin Head ...	30.23	60	59	W	3	0	1		London ...	30.14	67	60	NE	1	bc	*
Mullaghmore ...	30.24	60	59	W	2	of	2		Yarmouth ...	30.15	59	57	NNE	4	C	4
Belmullet ...	30.31	63	60	NW	2	0	*		Rochefort ...	30.10	72	69	NW	3	bc	*
Holyhead ...	30.22	59	55	N	3	bc	2									

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

Weather cloudy over the greater part of the United Kingdom, with mist or fog in many places, and with rain at some of the eastern and southern stations. Fine and bright over the Continent generally, but dull in the west of France and the north of Spain. Weather improving later in the east and south of our Islands, but rain falling in the north and north west. Thunderstorms occurring at several of the French stations, with heavy rain in places.

Temperature highest 99° at Algiers, 91° at La Caille, 86° at Tunis, and 84° at Brindisi; above 80° at several of the Mediterranean and Adriatic stations and above 70° over the south of France. Lowest 47° at Bodö, 50° at Christiansund, 52° at Leith, Shields and Donaghadee and 53° at Moscow; below 55° in many of the more central parts of the United Kingdom. Daily maxima a little above 70° in many parts of Great Britain, even as far north as Nairn; thermometer exceeding 80° in several parts of France and Germany and exceeding 90° at some of the Spanish and Italian stations, the highest readings of all being 100° at Palermo, and 95° at Madrid, Florence and Rome.

Wind light to moderate from the N^W or NE^W over Ireland, England, the Netherlands, France and Spain - moderate to strong from the N^W in Scandinavia; light from the W^W over Denmark and the south of Sweden and from the SW^W over the Baltic. Variable over Germany, Austria and Italy; S^W or SW^W in Algeria. Light W^W or SW^W breezes setting in later in the north of our Islands; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in an anticyclone extending from the Atlantic over the west of Ireland; 30.2 ins. and upwards in another system lying over western Russia. Lowest 29.7 ins. and less in a depression lying over the White Sea and its immediate neighbourhood; 30.1 ins. and less in a large complex area spreading northwards from Spain, Algeria and the western parts of the Mediterranean to France and the Netherlands. New depression beginning to approach our northern coasts in evening, and small disturbance appearing over central Spain.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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

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ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
DATE.	STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (10 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.	
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (0 to 12).				Max.	Min.		
1	Corunna	x	*	*	*	*	30.34	?	71	67	?	ENE	5	b	4	*	73	55	-	
2	Corunna	*	*	*	*	*	29.99	-35	67	66	- 4	NW	6	b	4	*	79	57	-	
4	Corunna	*	*	*	*	*	30.25	+16	64	62	- 1	NW	4	bc	2	*	70	57	0.12	
5	Brussels	*	*	*	*	*	30.08	+11	59	-	- 6	W	3	bc	*	bc	75	54	-	
	Corunna	*	*	*	*	*	30.30	+05	64	64	0	W	2	c	2	*	68	54	-	
6	Biarritz	30.13	75	N	4	b	30.21	-02	69	-	+ 1	NW	3	bc	2	b	81	66	-	
	Corunna	*	*	*	*	*	30.34	+04	65	65	+ 1	NW	3	bc	6	*	70	59	-	
7	Corunna	*	*	*	*	*	30.23	-11	68	67	+ 3	W	1	0	5	*	70	59	-	
8	Corunna	*	*	*	*	*	30.28	+05	65	62	- 3	NW	5	b	6	*	72	57	-	
9	Brussels	*	*	*	*	*	30.19	+17	59	-	+ 2	WSW	2	bc	*	b	69	49	-	
	Corunna	*	*	*	*	*	30.17	-11	65	62	0	NE	5	b	5	*	68	54	-	
10	Corunna	*	*	*	*	*	30.16	-01	64	62	- 1	NW	3	0	3	*	72	57	-	
11	Corunna	*	*	*	*	*	29.90	-26	71	64	+ 7	SSW	6	0	3	*	72	69	-	
12	Pembroke	29.78	63	ESE	6	bc	29.53	-34	55	55	- 3	ESE	6	r	5	bc, kl	65	54	0.62	
	Corunna	*	*	*	*	*	29.97	+07	66	59	- 5	W	7	f	6	*	72	55	0.08	
13	Pembroke	29.51	58	ESE	3	0	29.56	+03	53	52	- 2	ESE	3	op	3	0	59	52	0.26	
	Nice	29.63	73	SW	1	bc	29.64	-05	74	-	+ 1	NW	2	bc	4	bc	82	64	-	
	Corunna	*	*	*	*	*	30.03	+06	66	59	0	WNW	2	bc	7	*	70	55	0.16	
14	Corunna	*	*	*	*	*	30.18	+15	65	63	- 1	W	5	m	6	*	66	53	0.08	
15	Brussels	*	*	*	*	*	30.03	+33	54	52	- 7	W	2	0	*	0	68	52	0.20	
	Corunna	*	*	*	*	*	30.12	-06	68	64	+ 3	W	3	0	2	*	72	61	0.04	
16	Corunna	*	*	*	*	*	29.91	-21	67	61	- 1	SW	5	c	1	*	73	57	0.16	
18	Corunna	*	*	*	*	*	30.10	+37	70	63	+ 6	SW	4	0	3	*	72	59	-	
19	Corunna	*	*	*	*	*	30.29	+19	67	63	- 3	SSE	1	m	3	*	70	67	-	
20	Brussels	*	*	*	*	*	29.61	-36	53	-	- 4	E	1	r	*	-	65	48	0.43	
	Corunna	*	*	*	*	*	30.34	+05	64	60	- 3	N	3	m	3	*	67	59	-	
21	Brussels	*	*	*	*	*	30.10	+49	54	52	+ 1	NW	3	r	*	r	64	49	0.04	
	Corunna	*	*	*	*	*	30.30	-04	66	60	+ 2	NE	6	bc	3	*	66	57	-	
22	Corunna	*	*	*	*	*	30.10	-20	69	63	+ 3	NE	2	b	2	*	70	54	-	
23	Corunna	*	*	*	*	*	30.00	-10	73	63	+ 4	E	1	b	1	*	75	54	-	
24	Corunna	*	*	*	*	*	29.98	-02	79	-	+ 6	ENE	3	c	2	*	-	-	-	
25	Lorient	30.08	73	ENE	3	bc	30.05	+15	61	58	+ 1	ENE	4	0	2	bc	79	55	-	
	Lyons	30.06	74	N	3	b	30.06	-11	61	-	0	N	2	b	*	b	77	57	-	
26	The Helder	30.23	58	NE	2	b	30.25	-05	60	-	+ 4	NE	5	0	5	b	61	55	-	
	Corunna	*	*	*	*	*	29.95	-	71	66	-	SE	1	c	0	*	71	57	0.16	
27	Brussels	*	*	*	*	*	30.17	+02	63	-	+ 3	ENE	2	b	*	c	76	50	-	
	Corunna	*	*	*	*	*	29.94	-01	70	64	- 1	SSE	2	c	0	*	73	55	0.39	
28	Corunna	*	*	*	*	*	30.09	+15	70	64	0	E	2	bc	2	*	73	57	-	
29	Corunna	*	*	*	*	*	30.20	+11	67	65	- 3	NW	2	m	1	*	73	59	0.08	
30	Corunna	*	*	*	*	*	30.22	+02	68	64	+ 1	NW	2	m	2	*	68	59	-	

2. CORRECTIONS.

[illegible]