

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER,

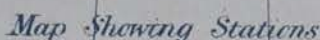
1892.

28.4.94

Sec. Rtg. Lond.

July to December 1892

July to December 1892



DAILY WEATHER REPORT

for 8 a.m. on TUESDAY 1ST NOVEMBER. 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).	Weather.	Shade Temp.		Amount of Rainfall.			
				Reading at 32° F. and Sea Level.	Dry Bulb.			Dirac.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.				Wet Bulb.	Change in dry since Yesterday.		Dirac.	Force (0 to 12).	Max.
		Inch.	°				Inch.	°	°	°						°	Inch.				
SCANDINAVIA.	Haparanda ...	29.53	33	2	0	f	29.40	-1.3	33	32	0	2	0	f	*	f	36	27	—		
	Hernösand ...	29.50	40	S	2	T	29.60	-1.4	31	30	-5	2	0	f	*	f	41	36	0.16		
	Stockholm ...	29.61	48	SE	2	T	29.67	-1.7	44	43	-2	14	2	c	*	T	52	43	0.08		
	Wisby ...	29.71	51	SE	4	c	29.69	-1.8	50	49	+3	SE	4	o	c	c	54	45	—		
	Bodö ...	29.37	39	E	2	o	29.27	-2.4	—	—	—	SE	2	bc	1	o	—	36	—		
	Christiansund...	29.46	45	W	6	c	29.54	+0.7	42	39	-1	W	6	c	5	c	48	41	0.08		
	Skudesnaes ...	29.70	45	W	2	T	29.74	+0.8	45	42	-2	W	2	o	3	T	48	39	—		
	Christiania Fjord (Ender)	29.64	40	N	2	b	29.71	-0.4	37	37	-9	W	2	o	2	b	46	37	—		
	Skagen (The Seaw)	29.69	45	N	2	c	29.73	0.0	47	43	-1	W	1	c	0	c	50	43	0.24		
	Fanö ...	29.68	50	W	2	c	29.73	+1.3	45	44	-5	NE	1	c	*	c	57	45	—		
BRITISH ISLANDS.	Sumburgh Head	29.53	44	W	2	c	29.69	+2.4	42	38	-2	W	2	b	3	T, c	48	39	0.10		
	Stornoway ...	29.60	40	W	2	o	29.77	+2.5	38	34	-6	W	2	o	3	c, o	44	32	0.05		
	Wick ...	29.65	39	W	1	b	29.78	+2.5	36	35	-4	W	2	bc	1	b	47	34	—		
	Nairn ...	29.67	41	W	1	b	29.80	+2.3	33	32	-5	W	1	bc	1	b	48	31	—		
	Aberdeen ...	29.74	38	W	1	b	29.86	+2.3	33	32	-4	W	1	bc	1	b	48	32	—		
	Leith ...	29.76	39	SE	2	b	29.86	+1.9	35	35	-6	W	2	bc	*	b	45	31	—		
	Shields ...	29.78	44	W	2	bc	29.87	+1.9	36	35	-1	W	2	bc	3	c, bc	50	39	—		
	Spurn Head ...	29.76	46	N	2	o	29.85	+2.2	40	40	-5	N	2	c	2	o	48	38	—		
	York ...	29.79	43	W	1	b	29.88	+1.9	29	29	-5	W	1	b	*	b	50	29	—		
	Loughborough	29.79	42	W	1	o	29.90	+2.2	25	25	-16	W	1	b	*	o	57	25	—		
GERMANY & HOLLAND.	Ardrossan ...	29.79	46	W	2	bc	29.86	+1.8	37	38	-7	NE	2	o	1	bc	51	35	—		
	Malin Head ...	29.78	44	W	2	op	29.80	+1.0	37	36	-6	S	2	b	2	b, op	47	37	0.03		
	Mullaghmore ...	29.81	42	W	2	c	29.79	+0.5	42	39	-3	SE	2	b	2	o, c	48	37	—		
	Belmullet ...	29.81	43	S	2	b	29.75	-0.2	42	39	-1	SE	2	o	*	o, b	49	38	0.01		
	Donaghadee ...	29.82	43	SE	2	c	29.88	+1.4	30	30	-6	W	2	b	1	c	49	38	—		
	Liverpool (Bidston)	29.83	45	W	1	bc	29.90	+1.8	32	32	-11	SE	1	f	1	bc	45	30	—		
	Holyhead ...	29.82	46	N	1	b	29.87	+1.6	40	39	-7	S	1	bc	1	b	50	38	—		
	Parsonstown ...	29.84	42	2	0	o	29.81	+0.2	32	31	+1	S	0	b	*	o	50	29	—		
	Valencia ...	29.87	43	S	1	b	29.76	-0.7	48	46	+14	SE	5	o	4	bc, b	52	33	—		
	Roche's Point	29.85	40	W	1	b	29.83	+0.4	48	46	+8	S	2	c	3	b	50	38	—		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.81	44	N	2	bc	29.87	+1.4	43	42	-2	ENE	2	c, b	1	bc	50	42	—		
	Scilly ...	29.81	48	N	4	b	29.88	+1.7	45	41	-5	ENE	1	c, b	1	bc, b	50	41	—		
	Prawle Point ...	29.79	43	W	2	b	29.89	+2.0	39	38	-4	W	2	bc	1	b	47	36	—		
	Jersey (St. Aubin's)	29.72	51	NE	2	o	29.84	+2.4	50	48	-2	N	2	omg	2	omg	52	45	—		
	Hurst Castle ...	29.76	47	W	4	mo	29.81	+2.0	44	42	-2	W	4	bc	2	bc, om	50	43	—		
	Dungeness ...	29.64	50	NE	2	T	29.75	+2.2	48	47	-6	N	4	o	3	o, T	56	47	—		
	North Foreland	29.67	50	W	5	T	29.76	+2.2	50	49	-1	W	5	ogg	6	ogg	52	48	0.03		
	London ...	29.76	46	W	2	ogd	29.83	+2.4	44	43	-2	W	2	omg	*	omg	47	43	0.05		
	Oxford ...	29.80	44	N	2	o	29.87	+2.3	33	33	-10	N	1	bc	*	o	48	32	—		
	Cambridge ...	29.76	45	N	1	T	29.87	+2.5	36	36	-8	N	1	b	*	T	47	35	0.05		
PENINSULA.	Yarmouth ...	29.71	47	N	4	od	29.80	+2.4	47	45	-1	W	4	c, b	4	c, o	48	45	0.04		
	Cuxhaven ...	29.66	53	W	2	bc	29.65	+0.5	50	49	-2	W	2	f	*	bc	60	48	—		
	Berlin ...	29.77	50	SE	2	c	29.72	-1.2	44	43	0	SE	2	b	*	c	57	41	—		
	Wiesbaden ...	29.80	50	SE	4	*	29.69	-1.0	46	45	-2	2	0	o	*	*	57	43	—		
	Munich ...	29.80	50	SE	4	o	29.77	-1.3	42	42	+6	E	2	o	*	o	57	36	—		
	The Helder ...	29.72	51	N	1	f	29.76	+1.7	50	49	0	NE	4	o	3	f	57	50	—		
	Brussels (9 a.m.)	*	*	*	*	*	29.68	+0.4	55	55	-3	W	1	T	*	o	64	54	0.20		
	Cape Gris Nez	29.67	52	SE	1	f	29.70	+1.8	50	50	-7	NE	5	f	5	f	57	50	0.04		
	Paris ...	29.66	53	SE	2	T	29.69	+0.9	53	53	-4	W	2	f	*	T	66	53	0.08		
	Brest ...	29.66	49	N	2	o	29.72	2	49	45	-1	N	2	o	2	o	52	45	—		
PENINSULA.	Lorient ...	29.66	51	NE	5	o	29.89	+3.9	49	46	-5	W	5	o	4	o	53	46	—		
	Rochefort ...	29.62	60	S	2	bc	29.73	2	53	52	-1	W	5	o	*	c, bc	66	50	—		
	Belfort ...	29.70	61	E	1	o	29.66	-0.2	53	52	-2	W	1	o	*	o	67	52	0.20		
	Lyons ...	29.81	62	E	5	o	29.76	-0.6	58	54	-6	E	6	bc	6	o	66	58	0.03		
	Nice ...	29.81	62	E	2	b	29.76	-0.2	59	53	-4	W	4	o	*	b	64	53	1.02		
	Perpignan ...	29.81	62	E	2	b	29.76	-0.2	59	53	-4	W	4	o	*	b	64	53	1.02		
	Biarritz ...	29.65	60	W	7	o	29.75	+2.7	53	54	-1	W	8	T	8	o	64	54	0.24		
	Corunna ...	29.94	58	N	4	o	30.11	+4.8	56	50	-1	N	2	o	*	o	63	54	—		
	Lisbon ...	29.94	58	N	4	o	30.11	+4.8	56	50	-1	N	2	o	*	o	63	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 Tuesday 1st November, 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.

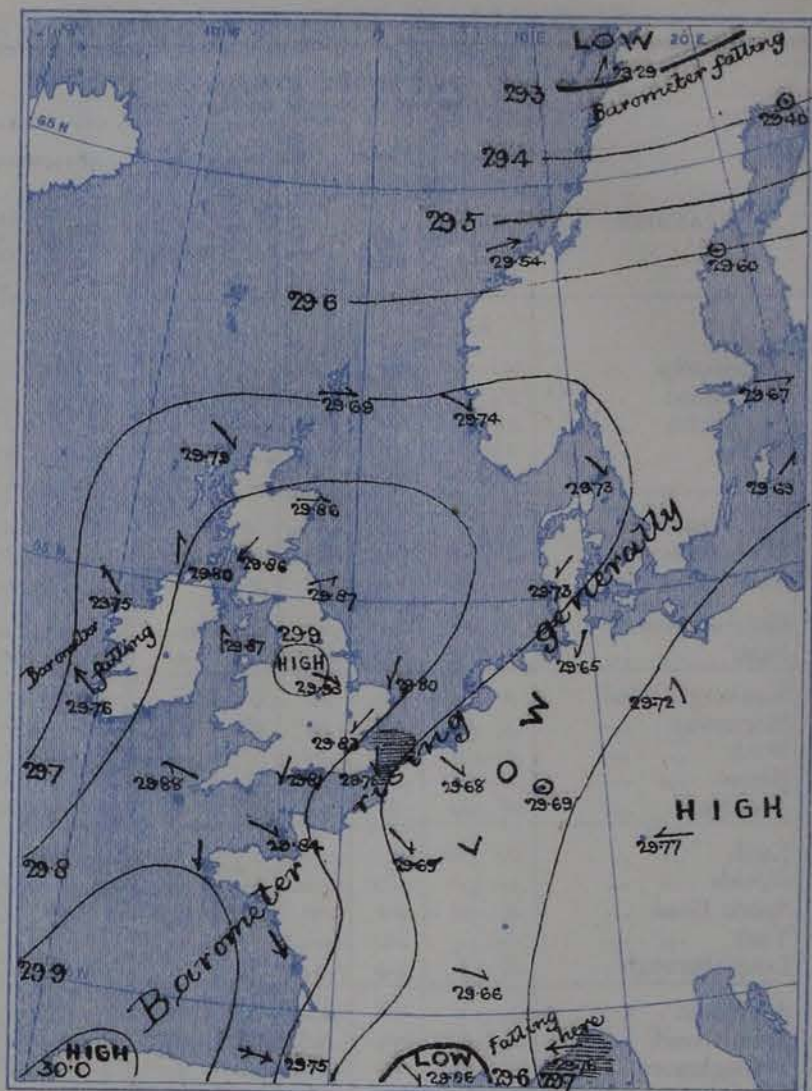
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▩ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.683
Stornoway	29.690
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

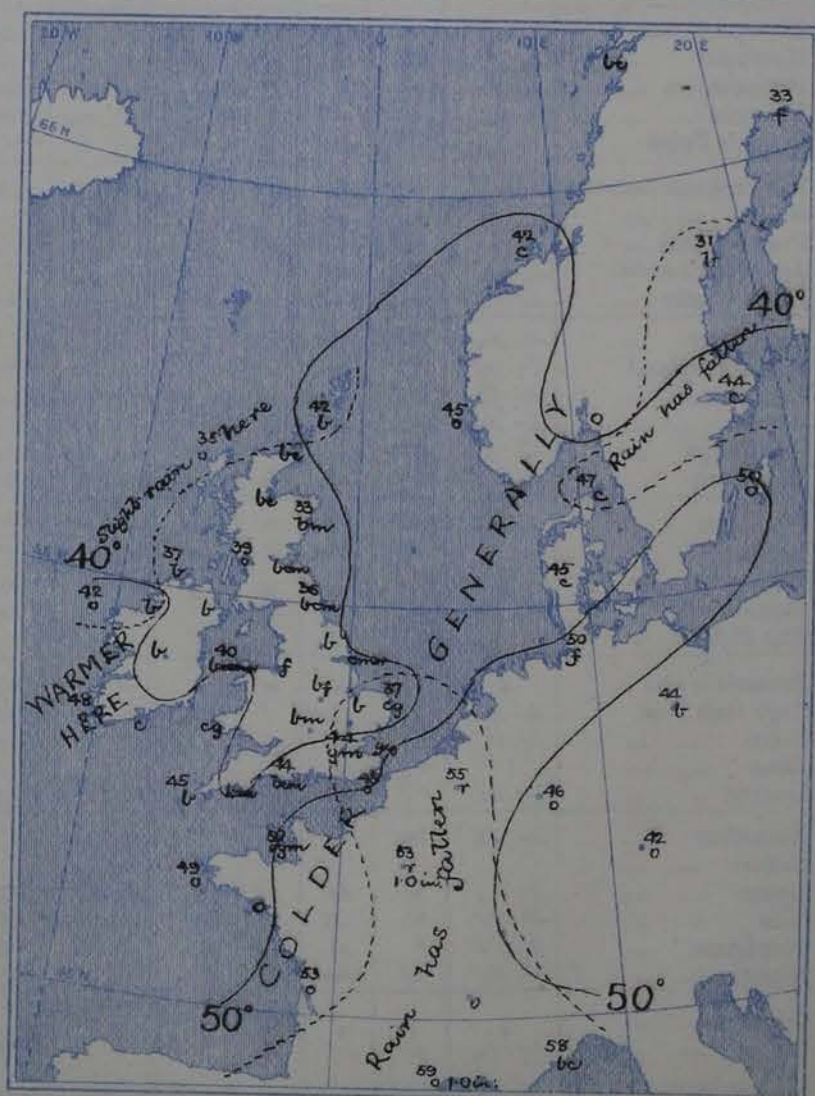
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway	40.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	45.9	45.1	4.04
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	4.30
Hurst Castle	50.5	40.8	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.25
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.3	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.06

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. at Lisbon, 29.9 ins. and more to 29.7 ins. in an anticyclone of irregular form, covering the British Islands, the western and northern parts of France and the North Sea.
 Lowest 29.3 ins. and less over the western parts of Lapland; and 29.6 ins. and less near Perpignan.
 Gradients slight. Barometer falling in the west, rising in the east and south.

TEMPERATURE

Highest 68° at Sanguinaire, 53° to 54° over the southern and southwestern parts of France, 50° on the east coast of Kent, 48° in the south of Ireland.
 Lowest 25° at Longborough, 19° at York, 32° at Parsonstown (Swedish report not in yet).
 It rose to 50° or more over the greater part of England yesterday.

WIND

Moderate from SE. and S. in Ireland, and from SW. and W. in Norway; fresh from NE. on our southeast coasts and from NNW. in the west of France. Light and variable from between N. and E. over the western parts of the Channel.

WEATHER

Dull, foggy and rainy over the Netherlands and Northeast of France; fine and bright over the greater part of the United Kingdom.
 Heavy rain fell in the southwest of France last night, where also thunderstorms occurred; a little rain fell over the southeast of England.

SEA

Rough on the east coast of Kent and at Christiansund slight or smooth on our northwestern, western and southwestern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone is moving eastwards very slowly, and S^W winds are spreading over the country from the westward, with milder weather.

FORECASTS

For the 24 hours ending at NOON on 2ND NOV. 1892.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	SW ² and S ² winds, milder, rain at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SW ² airs, fine, warm.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	Wind becoming calm, then SE ² light; dull and foggy, then fair and changeable, much milder.
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	S ² winds, freshening, with rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SE ² and S ² winds, freshening; fair to showery.
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		None Issued

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.62	45.1	45.0	SE	6	0	4	Valencia ...	29.85	52	46	NE	1	bc	1
Sumburgh Head ...	29.47	45	42	W	4	7	4	Scilly ...	29.78	53	46	N	4	bc	2
Stornoway ...	29.58	44.4	42	W	4	c	4	Jersey ...	29.68	52	50	N	3	ogm	3
Aberdeen ...	29.61	44.8	41	W	2	b	1	Hurst Castle ...	29.69	49	47	NNE	4	m	3
Shields ...	29.71	45	45	WSW	3	c	3	Dungeness ...	29.58	53	52	NE	3	c	2
Ardrossan ...	29.68	45	43	WSW	2	bc	1	North Foreland ...	29.60	52	51	NNE	4	c	4
Malin Head ...	29.73	46	43	WNW	4	b	3	London ...	29.61	47	46	NNE	2	ogm	4
Mullaghmore ...	29.70	46	42	WNW	4	cf	3	Yarmouth ...	29.65	48	47	N	4	c	4
Belmullet ...	29.61	47	43	WNW	2	0	2	Rochefort ...	29.58	60	61	SE	3	c	2
Holyhead ...	29.77	48	44	N	3	b	2								

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

Weather fine over the western and northern parts of the United Kingdom, as well as in Italy, Austria and the south of Russia. Raining in the southeast of England and the north of France; dull over Spain, the southern parts of France, western Germany; and the north of Russia, with rain at St. Petersburg and snow at Archangel; foggy in Sweden, as well as at some of the German and Austrian stations. No important change occurring over western Europe during day.

Temperature changed very irregularly. Morning readings, highest 78° at La Calle, 73° at Sanguinaria and Tunis, and 72° at Cagliari; above 60° at most of the Mediterranean stations, and above 55° in some parts of central France. Lowest (1) 28° at Kharkov, 30° at Nicolaïoff, and 32° at Kiev; (2) 31° at Parsonstown, and 34° at York; (3) 32° at Archangel, and 33° at Haparanda. Rising during day to a little above 50° over the central and southern parts of the United Kingdom and reaching 56° at Dungeness. Exceeding 55° in Germany and slightly exceeding 65° at several of the French stations.

Wind light to moderate from the Wnd over the northern part of the United Kingdom, but SE² or E² in the west of Norway, and calm in Sweden. Moderate from the NEnd or Nnd in the south of England and the northwest of France, E² over the south of France and north of Italy, with a gale at Toulon. Light from the Snd over the Netherlands, the northeast of France, north Germany and the greater part of Russia; variable in Austria and the south of Italy, SE² in Tunis. Light S² breezes setting in later in the west of Ireland; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in a large anticyclone over the south of Russia, 29.74 to 29.8 ins. in another system over the west of our Islands. Lowest 29.5 ins. and less in a large depression lying to the northward of the United Kingdom, and also in a smaller disturbance lying over the Bay of Biscay and the west of France; a small shallow secondary system reported between the Dutch and Norfolk coasts. The two last mentioned depressions dispersing gradually in course of day. High pressure area over our western coasts spreading eastwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on WEDNESDAY, 2ND NOVEMBER, 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.		
				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.	°	Dirac.			Ins.	°	°	°						°	ins.			
SCANDINAVIA.	Haparanda ...	29.48	30	SW	2	b	29.45	+0.5	32	32	-1	N	2	bc	4	b	36	25	—	
	Hernösand ...	29.72	28	2	0	b	29.78	+1.8	29	29	-2	2	0	b	4	b	45	27	—	
	Stockholm ...	29.73	41	2	0	o	29.75	+0.2	33	32	-11	NWN	2	o	4	o	52	2	—	
	Wisby ...	29.73	46	N	4	c	29.71	+0.2	44	42	-6	ENE	4	o	4	c	53	48	—	
	Bodö ...	29.24	40	SW	6	r	29.41	+1.2	39	38	2	NWN	7	b	4	r	41	26	0.02	
	Christiansund...	29.70	41	NWN	7	r	29.77	+2.3	37	36	-5	NWN	8	r	5	r	45	26	0.24	
	Skudesnaes ...	29.86	42	NWN	1	r	29.85	+1.1	39	38	-6	NE	1	b	2	c, r	3	26	—	
	Christiania Fjord (Frierer)	29.78	36	2	0	f	29.81	+1.0	33	33	-4	N	4	m	1	f	37	32	—	
	Skagen (The Scaw)	29.78	45	N	1	b	29.77	+0.4	43	42	-4	NE	2	c	0	b	48	41	—	
	Fanö ...	29.82	44	NE	1	c	29.74	+0.1	39	38	-6	N	2	bc	4	c	48	27	—	
ISLANDS.	Sumburgh Head	29.82	41	NWS	1	b	29.79	+1.0	42	42	+1	SE	2	o	4	c, b	45	35	0.09	
	Stornoway ...	29.77	45	SW	2	o	29.53	-2.4	45	43	+10	SE	6	bc	5	o	46	33	—	
	Wick ...	29.84	39	NW	1	o	29.66	-1.2	44	41	+8	S	5	rw	3	o	47	34	—	
	Nairn ...	29.81	37	2	0	c	29.65	-1.5	37	35	+4	ESE	1	b	1	c	48	31	—	
	Aberdeen ...	29.88	36	SW	1	b	29.74	-1.2	42	39	+3	SE	2	bc	2	b	47	27	—	
	Leith ...	29.87	39	2	0	bc	29.75	-1.1	32	32	-3	S	2	bm	4	bc	45	31	—	
	Shields ...	29.85	43	2	0	bm	29.73	-0.8	35	35	-1	S	1	f	2	c, bm	48	25	—	
	Spurn Head ...	29.86	44	NWN	2	c	29.82	-0.3	44	42	+4	SW	1	ow	2	c	47	35	—	
	York ...	29.90	40	N	1	b	29.83	-0.5	30	30	+1	N	1	f	4	b	48	25	—	
	Loughborough	29.91	32	NWN	1	b	29.86	-0.4	26	26	+1	2	0	f	4	b	48	24	—	
BRITISH ISLANDS.	Ardrossan ...	29.84	46	E	2	o	29.66	-2.0	42	40	+3	E	4	c	3	b, o	47	36	—	
	Malin Head ...	29.87	43	S	4	b	29.37	-4.1	45	45	+8	SE	6	ow	2	bc, b	46	37	0.01	
	Mullaghmore ...	29.72	48	SE	4	c	29.37	-4.2	45	48	+7	SE	6	m	6	c	50	40	0.01	
	Belmullet ...	29.66	46	SE	4	o	29.24	-5.1	50	50	+8	SE	6	r	4	o	50	40	0.22	
	Donaghadee ...	29.85	44	SW	3	bc	29.62	-2.6	48	47	+1.8	SE	6	c	4	bc	48	30	—	
	Liverpool (Bldston)	29.90	41	SE	1	b	29.76	-1.4	34	32	+2	SE	4	b	3	b	47	32	—	
	Holyhead ...	29.86	42	S	1	b	29.66	-2.1	40	43	+5	SE	4	ow	4	b	50	38	—	
	Parsonstown ...	29.77	47	2	0	o	29.42	-3.5	51	50	+1.9	SE	3	ow	4	ow	51	31	0.06	
	Valencia ...	29.73	53	SE	3	omd	29.40	-3.6	53	52	+5	SW	5	c	5	c, om	56	47	0.24	
	Roche's Point	29.78	50	SE	4	r	29.46	-3.2	53	53	+5	SW	7	p	5	r	53	47	0.25	
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.85	47	SE	2	c	29.63	-2.4	50	45	+5	SE	5	r	6	c	50	42	0.01	
	Scilly ...	29.83	47	SE	4	m	29.63	-2.5	53	52	+8	S	6	r	3	o, m	54	41	0.05	
	Prawle Point ...	29.91	44	2	0	b	29.78	-1.1	45	47	+10	S	5	cu	4	b	54	38	—	
	Jersey (St. Aubin's)	29.90	47	NW	2	bc	29.86	+0.2	50	45	0	SE	4	bc	3	bc	53	38	—	
	Hurst Castle ...	29.88	44	NW	3	m	29.85	+0.4	48	42	-1	NE	1	mw	2	bc	51	35	—	
	Dungeness ...	29.80	49	N	5	o	29.85	+1.0	37	37	-11	N	2	m	1	o	45	34	—	
	North Foreland	29.78	49	NW	5	romg	29.86	+1.0	40	40	-10	N	1	f	3	om	53	3	0.02	
	London ...	29.83	45	NW	2	bm	29.87	+0.4	33	33	-11	2	0	f	4	ow	49	32	—	
	Oxford ...	29.91	36	N	2	b	29.86	-0.2	37	37	-6	N	1	f	4	f	50	31	—	
	Cambridge ...	29.87	42	N	1	bc	29.86	-0.1	33	32	-3	2	0	bm	4	bc	50	31	—	
FRANCE AND BELGIUM.	Yarmouth ...	29.81	47	NW	3	c	29.84	+0.4	46	43	-1	NW	1	bc	4	c	48	44	—	
	Cuxhaven ...	29.69	45	NE	5	r	29.68	+0.3	43	42	-7	NW	4	bc	4	r	50	42	1.18	
	Berlin ...	29.66	52	2	0	bc	29.65	-0.7	46	46	+2	N	2	o	4	bc	57	48	—	
	Wiesbaden ...	29.74	50	SW	1	c	29.75	+0.6	50	49	+4	2	0	o	4	c	53	48	0.12	
	Munich ...	29.74	50	SW	1	c	29.82	+0.5	41	41	-1	2	0	b	4	c	64	39	—	
	The Helder ...	29.80	49	NW	4	r	29.83	+0.7	47	46	-3	ENE	1	c	1	r	52	46	0.20	
	Brussels (9 a.m.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Cape Gris Nez	29.77	49	NW	5	f	29.80	+1.0	44	43	-6	ENE	2	bc	2	f	52	43	—	
	Paris ...	29.76	53	NW	2	o	29.90	+1.2	49	48	-4	NWN	2	o	4	o	53	49	0.05	
	Brest ...	29.72	49	S	2	o	29.81	+1.2	50	49	+1	SE	4	f	3	o	57	32	—	
FRANCE AND BELGIUM.	Lorient ...	29.83	50	NWN	3	bc	29.83	-0.6	50	50	+1	ENE	3	c	3	bc	52	48	0.04	
	Rochefort ...	29.81	53	N	5	o	29.80	+1.7	53	53	+2	NWN	4	c	4	o	61	46	0.01	
	Belfort ...	29.81	53	N	2	bc	29.81	0	52	52	0	N	2	r	4	o	65	47	—	
	Lyons ...	29.75	56	SE	1	o	29.85	+1.5	48	46	-5	NWN	1	r	4	o	61	48	0.01	
	Nice ...	29.82	58	E	4	r	29.83	+0.7	52	52	-6	E	1	r	4	r	64	52	1.65	
FRANCE AND BELGIUM.	Perpignan ...	29.82	58	NW	5	o	29.86	+1.0	53	46	-4	NW	6	b	4	o	62	51	0.12	
	Biarritz ...	29.86	57	NWN	6	r	29.83	+1.8	53	51	-2	SW	2	r	2	r	68	50	0.59	
PENINSULA.	Corunna ...	30.15	56	NW	2	o	30.17	+0.6	57	55	+1	S	1	o	4	o	61	54	—	
	Lisbon ...	30.15	56	NW	2	o	30.17	+0.6	57	55	+1	S	1	o	4	o	61	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 Wednesday, 2nd Nov^r 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.

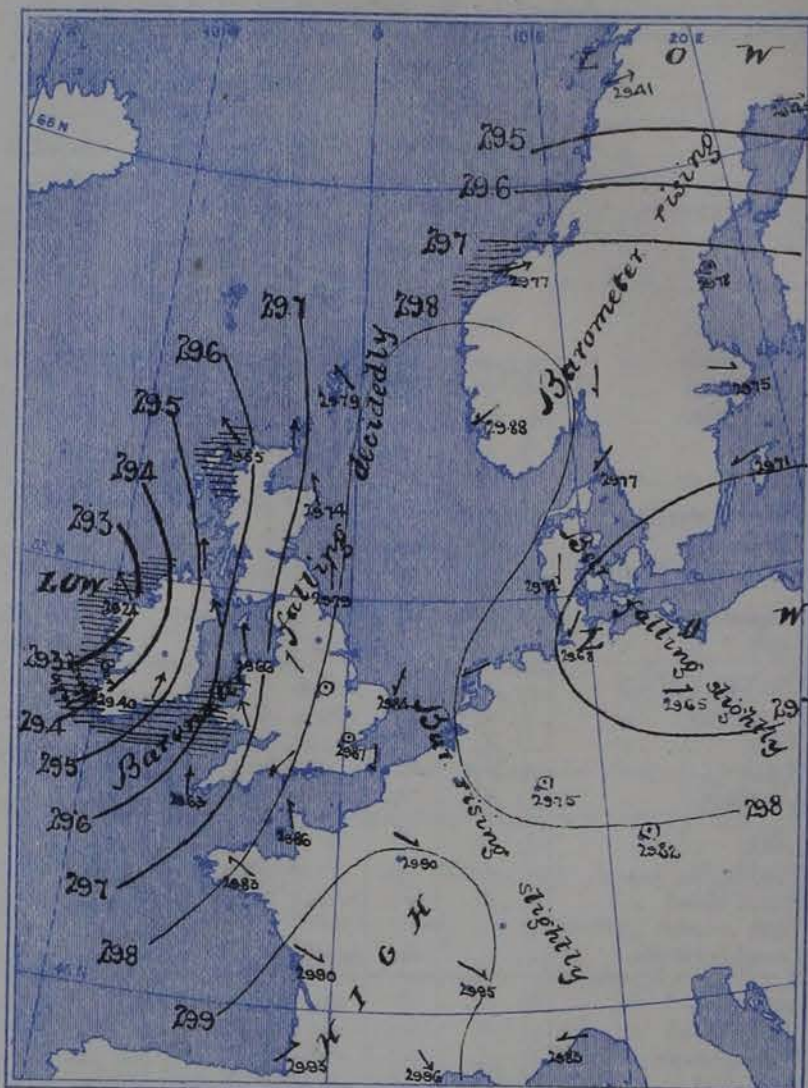
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

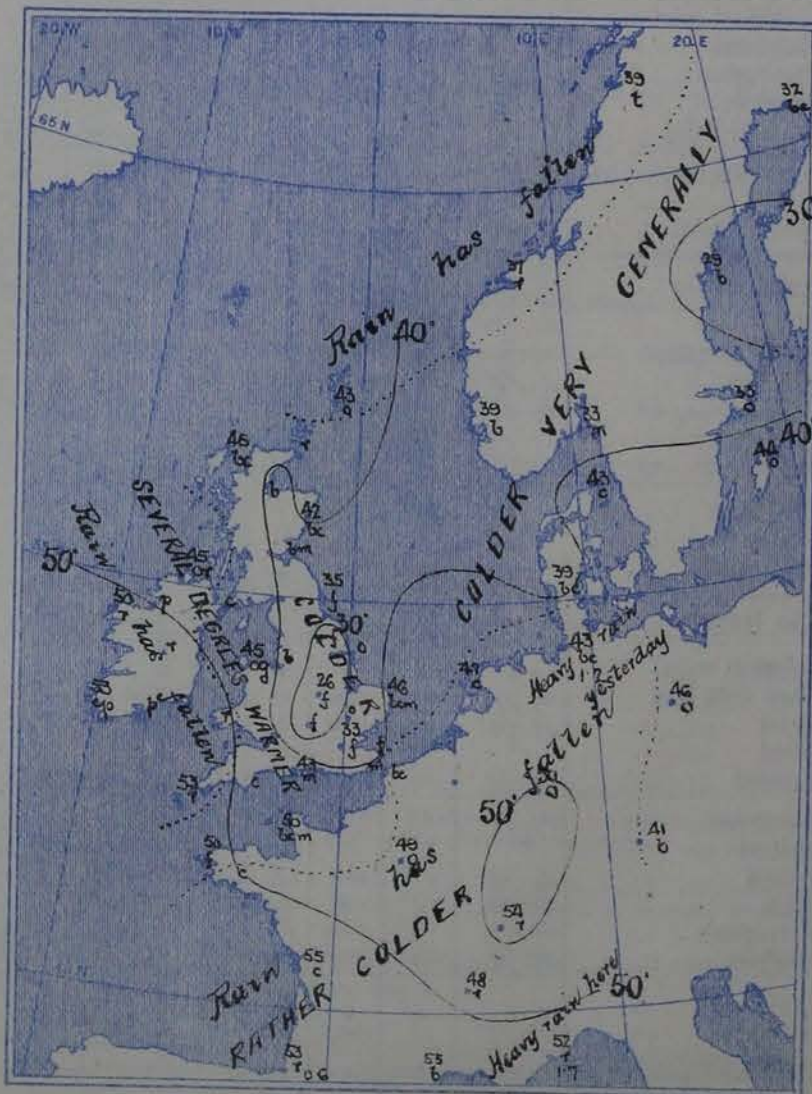
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.29
Aberdeen.....	46.2	36.5	40.5	38.7	3.14
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.4	40.6	39.3	2.19
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.3	3.88
Mullaghmore.....	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.96
Parsonstown.....	49.1	37.1	41.9	40.2	2.83
Valencia.....	52.3	43.0	47.4	45.5	5.42
Roche's Point.....	51.4	42.0	46.1	44.5	1.62
Pembroke.....	50.1	43.8	46.9	45.1	4.04
Scilly.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.40
Jersey.....	51.9	44.1	47.7	45.8	1.30
Hurst Castle.....	50.5	40.6	44.9	44.0	3.01
Dover.....	49.3	40.6	44.3	42.8	3.48
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.5	41.2	40.0	2.31
Cambridge.....	48.6	36.8	40.7	39.9	2.01
Yarmouth.....	47.8	39.0	43.1	42.0	3.05

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and more to 29.9 ins. over the Peninsula and southwest of France, and 29.8 ins. and more in a ridge stretching northwards from France over the east of England and the North Sea.
 Lowest, 29.5 ins. and less over Lapland; and 29.3 ins. and less in the extreme west of Ireland.
 Gradients slight except in the west where they are rather steep.
 Barometer falling fast in the northwest, steady in the east, and inclined to rise again at Valencia.

TEMPERATURE

Highest, 52° to 55° in the southwest of France, 50° to 53° in the west and south of Ireland.
 Lowest, 26° at Foughlborough, 27° at Oxford, 30° at York.
 The maxima recorded yesterday ranged between 50° and 56° over the greater part of Ireland and England; those over the greater part of France varied from 60° to 65°.

WIND

Light to moderate from the N^W over the greater part of the North Sea, calm over Central England.
 SE to SW on our western coasts and varying in force from a fresh breeze to moderate gale.
 In France it is light and variable.

WEATHER

Fair and bright in the east, cloudy over France, with rain in places, dull, squally and rainy at our western stations.
 Heavy rain fell yesterday at Cuthbert, and also at Kice, and a considerable quantity at Binnity.

SEA

Rough in the west and southwest, (ground swell at Mullaghmore); moderate at our northern stations, slight in the east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west is moving northeastwards and spreading to some extent over England. Fog is likely to clear shortly.

FORECASTS

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

DISTRICTS.

FORECASTS.

10	SCOTLAND NORTH	S ^W to SW ^W winds, strong to a gale; rainy.
1	SCOTLAND EAST	SW ^W winds, freshening; milder, perhaps some rain.
2	ENGLAND N.E.	
3	ENGLAND EAST	Calms, followed by S ^W and S ^W breezes; fog clearing, fair to unsettled.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as N ^o 0.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW ^W winds, fresh or strong; some showers.
9	IRELAND NORTH	Same as N ^o 0.
10	IRELAND SOUTH	
WARNINGS		At 10.30 a.m. today to district 0. 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.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.86	47	42	WNW	4	C	2	Valencia ...	29.74	53	51	S	5	CV	4
Sumburgh Head ...	29.75	42	40	NW	1	C	2	Scilly ...	29.85	52	48	S	4	O	2
Stornoway ...	29.75	46	45	SW	2	O	3	Jersey ...	29.8	52	48	NW	2	bc	2
Aberdeen ...	29.83	47	41	WNW	1	C	1	Hurst Castle ...	29.86	51	49	NNE	2	bc	2
Shields ...	29.88	45	42	NNE	1	C	3	Dungeness ...	29.77	49	48	NNE	5	O	4
Ardrossan ...	29.86	47	44	E	2	C	1	North Foreland ...	29.76	49	48	N	5	O	6
Malin Head ...	29.76	46	43	S	4	bc	2	London ...	29.84	49	44	N	2	sm	*
Mullaghmore ...	29.74	50	45	SE	4	C	3	Yarmouth ...	29.80	48	46	N	4	C	4
Belmullet ...	29.70	48	46	SE	5	O	2	Rochefort ...	29.83	55	50	N	5	O	*
Holyhead ...	29.87	48	43	S	2	C	1								

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

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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DAILY WEATHER REPORT

for 8 a.m. on THURSDAY 3RD NOVEMBER. 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.		Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.			
		Ina.	°				Ina.	°	°	°							°	Ina.			
SCANDINAVIA.	Haparanda ...	29.52	31	ENE	4	bc	29.65	+1.20	24	22	-3	W	2	b	#	bc	34	2	—		
	Hernösand ...	29.84	31	E	0	b	29.85	+1.7	26	25	-3	E	0	b	#	b	45	20	—		
	Stockholm ...	29.84	31	E	0	f	29.83	+1.8	31	31	-2	E	0	f	#	f	45	30	—		
	Wisby ...	29.76	45	NNE	4	o	29.81	+1.5	43	41	-1	E	4	o	#	o	48	41	0.04		
	Bodö ...	29.52	29	NNE	6	o	29.65	+2.4	40	37	+1	NNE	7	T	#	o	42	36	0.20		
	Christiansund...	29.85	33	ENE	1	c	29.77	0.0	35	35	-2	ENE	2	c	4	c	37	34	0.12		
	Skudesnaes ...	29.79	44	SE	6	b	29.70	-1.5	44	33	+5	ENE	6	o	3	b	46	41	—		
	Christiania Fjord (Færder)	29.86	33	N	4	b	29.87	+0.6	33	32	0	N	4	o	1	b	37	32	—		
	Skagen (The Seaw)	29.83	39	ENE	1	o	29.83	+0.6	39	37	-4	E	1	o	o	o	41	37	—		
	Fanö ...	29.81	40	E	0	c	29.77	+0.8	44	44	+5	SE	2	o	#	c	52	37	—		
BRITISH ISLANDS.	Sumburgh Head	29.61	43	SE	6	T	29.41	-1.38	47	46	+4	SE	3	o	5	o, T	47	42	0.14		
	Stornoway ...	29.30	45	SE	6	T	29.23	-1.2	47	47	+2	SW	5	T	5	o, T	49	32	0.25		
	Wick ...	29.44	44	S	8	T	29.22	-1.4	46	44	+2	S	5	o	4	T	46	42	0.15		
	Nairn ...	29.42	42	E	0	T	29.29	-1.38	44	42	+7	E	1	o	1	T	44	35	0.04		
	Aberdeen ...	29.56	45	SE	6	ogt	29.37	-1.3	45	44	+3	SE	3	ogt	5	ogt	46	42	0.23		
	Leith ...	29.57	42	SE	2	T	29.35	-1.40	47	45	+15	S	3	c	#	T	47	31	0.23		
	Shields ...	29.58	45	SE	5	o	29.45	-1.4	43	43	+1	SW	4	cm	3	fo, T	45	37	0.17		
	Spurn Head ...	29.66	47	SE	4	o	29.58	-1.2	45	45	+1	SW	4	o	3	o, T	47	43	0.12		
	York ...	29.62	45	SE	2	o	29.52	-1.31	43	43	+13	S	1	c	#	o	47	35	0.21		
	Loughborough	29.66	44	SE	2	T	29.58	-1.2	45	44	+19	SW	3	b	#	T	47	25	0.14		
GERMANY & HOLLAND.	Ardrossan ...	29.43	46	SE	3	T	29.36	-0.30	49	49	+7	SW	5	b	4	T	49	41	0.22		
	Malin Head ...	29.28	48	S	5	b	29.26	-1.3	49	46	+2	SW	5	obf	3	fo, b	51	43	0.40		
	Mullaghmore ...	29.30	50	SW	6	b	29.34	-0.3	49	48	-2	SW	5	b	6	T, b, f	53	44	0.26		
	Belmullet ...	29.26	48	SW	5	c	29.35	+1.1	50	48	0	SW	3	b	#	ogt, c	52	45	0.35		
	Donaghadee ...	29.44	47	SW	4	b	29.42	-1.20	46	46	-2	W	3	c	2	b	50	45	0.41		
	Liverpool (Bliston)	29.56	44	SE	4	T	29.34	-1.22	47	45	+13	SW	3	c	3	T	48	34	0.14		
	Holyhead ...	29.49	50	S	5	cmg	29.51	-1.5	49	49	+4	SW	4	b	4	mg, cmg	51	45	0.11		
	Parsonstown ...	29.42	49	E	0	b	29.49	+0.7	46	44	-5	SW	1	c	#	b, T	50	44	0.22		
	Valencia ...	29.42	52	SE	3	adm	29.55	+1.5	50	48	-3	SW	2	cm	5	adm	53	46	0.14		
	Roche's Point	29.49	52	NNE	3	b	29.59	+1.3	50	49	-3	W	3	c	4	b, c	54	46	0.15		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.56	52	NNE	3	b	29.61	-0.2	52	51	+2	NNE	4	b	5	b	54	50	0.26		
	Scilly ...	29.63	52	SW	4	c	29.70	+0.7	52	53	-1	NNE	4	b	5	c	56	50	0.36		
	Prawle Point ...	29.63	53	W	3	o	29.74	-0.4	51	49	+2	W	3	b	3	fo, T	54	49	0.26		
	Jersey (St. Aubin's)	29.68	54	SE	5	omr	29.77	-0.9	56	53	+6	W	2	bem	3	ogt, r	56	48	0.38		
	Hurst Castle ...	29.66	52	S	7	rom	29.71	-1.4	51	50	+3	W	4	b	4	no omr	53	48	0.25		
	Dungeness ...	29.75	51	SW	4	c	29.67	-1.8	52	53	+7	W	4	b	3	c	52	37	0.21		
	North Foreland	29.75	50	S	4	cq	29.67	-1.3	51	50	+11	NNE	2	c	2	b, cq	52	39	0.12		
	London ...	29.71	49	SE	3	OT	29.67	-1.20	50	49	+7	SW	2	of	#	f, b, of	53	34	0.18		
	Oxford ...	29.63	48	S	2	T	29.64	-1.22	49	46	+20	SW	2	o	#	c, T	53	27	0.26		
	Cambridge ...	29.70	46	NW	1	o	29.64	-1.20	49	46	+14	SW	1	o	#	o, T	51	32	0.24		
PENINSULA.	Yarmouth ...	29.75	47	SE	3	b	29.62	-1.22	49	46	+1	SW	2	b	3	b, b	49	44	0.18		
	Cuxhaven ...	29.74	44	NNE	1	o	29.76	+0.8	44	43	+1	S	2	b	#	o	46	43	—		
	Berlin ...	29.78	50	E	0	o	29.86	+2.1	47	46	+1	W	2	o	#	o	52	45	—		
	Wiesbaden ...	29.83	50	SW	4	o	29.91	+1.6	46	45	-4	E	0	o	#	o	52	45	—		
	Munich ...	29.83	50	SW	4	o	29.97	+1.5	49	45	+6	NW	3	T	#	o	53	41	0.12		
	The Helder ...	29.84	44	S	1	b	29.70	-1.3	44	44	-3	S	4	T	3	b	50	41	0.04		
	Brussels (a.m.)	*	*	*	*	*	29.76	*	45	43	*	S	3	T	#	b	53	41	0.04		
	Cape Gris Nez	29.75	46	S	2	c	29.65	-1.5	53	52	+5	NNE	4	c	4	c	52	44	0.20		
	Paris ...	29.84	46	S	2	b	29.82	-0.8	51	51	+2	S	2	c	#	b	57	46	0.16		
	Brest ...	29.84	57	W	3	o	29.82	*	55	52	+5	W	4	c	3	o	57	53	0.24		
FRANCE AND BELGIUM.	Lorient ...	29.74	57	W	5	T	29.80	-0.3	56	53	+6	NNE	5	b	4	T	57	53	0.08		
	Rochefort ...	29.87	58	SW	4	T	29.87	-0.3	57	56	+2	W	4	o	#	o, T	60	53	0.28		
	Belfort ...	29.87	51	W	3	T	29.87	*	42	33	-12	W	3	c	#	T	60	33	0.08		
	Lyons ...	29.85	49	SE	1	o	29.83	+0.4	44	44	-4	SE	1	c	#	o	56	42	0.04		
	Nice ...	29.84	53	E	0	f	29.85	+0.2	53	49	+1	E	0	b	2	f	57	48	0.09		
	Perpignan ...	29.89	54	NW	2	b	29.81	+0.8	56	51	+1	NW	2	b	#	o	61	48	—		
	Biarritz ...	29.89	60	ENE	2	o	29.87	+0.4	59	57	+6	SW	2	o	3	o	64	53	0.04		
	Corunna ...	29.82	61	SW	4	T	29.82	-0.3	61	61	+4	SW	2	f	#	T	64	57	0.27		
	Lisbon ...	29.82	61	SW	4	T	29.82	-0.3	61	61	+4	SW	2	f	#	T	64	57	0.27		

For Explanation of Columns, see bottom of last page

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

WEATHER CHARTS

for 8 a.m. on Thursday, 3rd Nov 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:

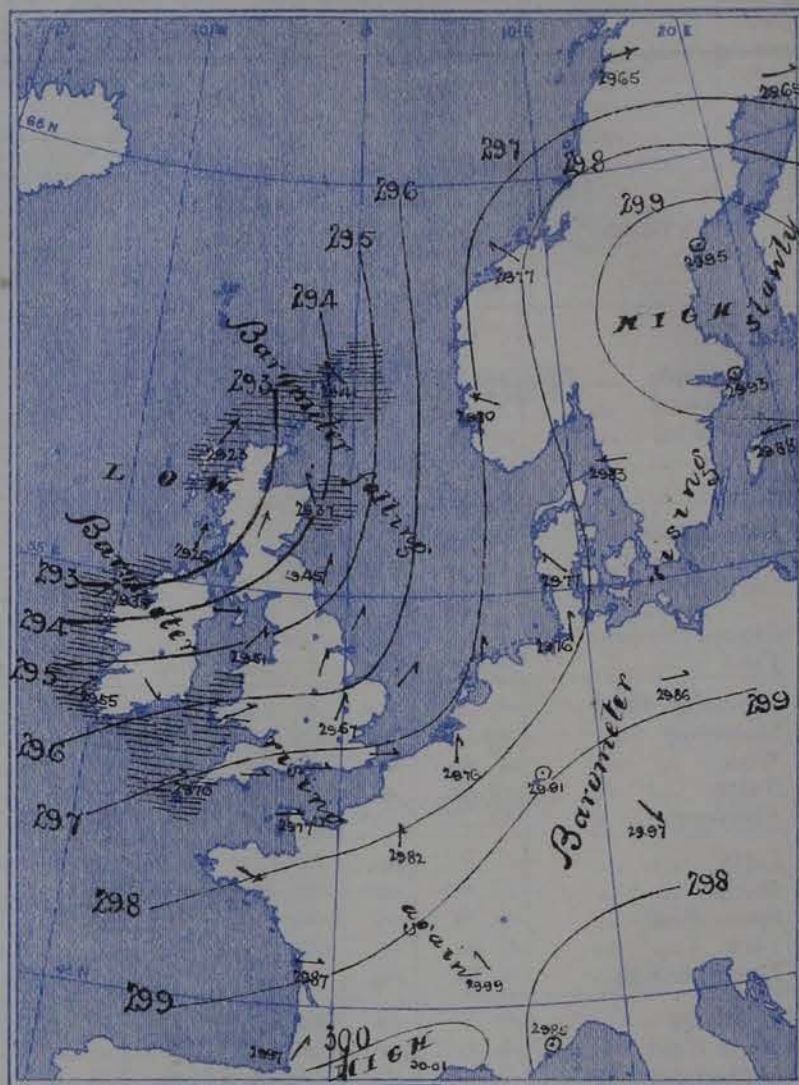
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.26
Aberdeen.....	46.2	36.5	40.5	38.7	3.14
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.4	40.6	39.3	2.19
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.3	3.88
Mullaghmore.....	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.96
Parsonstown.....	49.1	37.1	41.9	40.2	2.83
Valencia.....	52.3	43.0	47.4	45.5	5.42
Roche's Point.....	51.1	42.0	46.1	44.5	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.04
Scilly.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.20
Jersey.....	51.9	44.1	47.7	45.8	4.30
Hurst Castle.....	50.5	40.0	44.2	44.0	3.01
Dover.....	49.3	40.6	44.3	42.8	3.48
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.6	41.2	40.0	2.31
Cambridge.....	48.6	35.8	40.7	39.9	2.01
Yarmouth.....	47.5	39.0	43.1	42.0	3.06

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and more to 29.9 ins. over Spain and the southwest of France, and 29.9 ins. and more over Sweden and the Gulf of Finland.
 Lowest, 29.3 ins. and less, over the Hebrides, the west of Scotland, and the north of Ireland.
 Gradients moderate. Barometer falling in the north, rising elsewhere.

TEMPERATURE

Highest, 61° at Leam, 59° at Biarritz, 56° at Orient and Jersey, 50° to 52° on our southwestern coast.
 Lowest, 24° at Haparanda, 31° at Stockholm, 43° at Shields and York.

The past night has been very mild; the maximum temperature for the twenty-four hours occurred during the night at several of our southern stations, including London.

WIND

W^{ly} to SW^{ly} moderate over the Bay of Biscay and the Channel; S^{ly} to SW^{ly} in the east, north, and west, and rather fresh in force; SE^{ly} in the west of Norway.
 There was a fresh gale from the S^{ly} in the northeast of Scotland last night, and strong S^{ly} breezes were felt in Ireland.

WEATHER

Dull and rainy in Norway and Scotland, fair but not settled elsewhere — showery in London and at Malin Head, with thunder at the latter station.
 Rain has fallen generally over our islands and France, but the largest amount reported is 0.40 in. at Malin Head.

SEA

Rough on our extreme northern, western, and southwestern coasts, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the barometer is still rising at Valencia the distribution of pressure is of a type so unsettled that the warning signals have not been lowered in the west and north.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW ^{ly} and S ^{ly} winds, force uncertain at present; changeable, showery, mild.	6 SCOTLAND WEST	S ^{ly} winds, force uncertain at present; but increasing; showery, mild.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	SW ^{ly} winds, moderate; fair, mild, uncertain later.	9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH			
		WARNINGS	At 10.30 am yesterday to district 0, and at 7.15 pm to districts 1 and 6 to 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.	F.	WEA.	SEA.		BAR.	Ther.	WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.					Dry.	Wet.	Dir.		
Skudesnaes ...	29. 32	46	41	E/NE	2	6	Valencia ...	29. 45	53	51	SW	5	69
Sanburgh Head ...	29. 64	44	41	SE	4	0	Scilly ...	29. 58	53	53	W/SW	4	69
Stornoway ...	29. 36	47	44	SE	4	0	Jersey ...	29. 77	52	50	SE	4	69
Aberdeen ...	29. 63	44	40	SE	6	0	Hurst Castle ...	29. 74	51	49	SE	4	69
Shields ...	29. 66	44	41	S	4	0	Dungeness ...	29. 82	53	50	SE	4	69
Ardrossan ...	29. 45	45	43	E	4	0	North Foreland ...	29. 78	50	47	S	2	69
Malin Head ...	29. 24	50	50	S	4	0	London ...	29. 78	52	48	SE	2	69
Mullaghmore ...	29. 30	53	51	SE	5	0	Yarmouth ...	29. 79	49	46	SE	3	69
Belmullet ...	29. 24	52	48	SE	5	0	Rochefort ...	29. 90	60	57	W/SW	3	0
Holyhead ...	29. 50	49	47	S	5	7mg							

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

Weather foggy over the inland parts of England fine at most of the Scotch stations; rainy in Ireland and southwest of England. Fine over Denmark and the N. parts of Sweden and also over the southern parts of Spain and Italy but cloudy over the Continent generally, with fog at many of the Baltic and Russian stations, and with rain over the southern part of France and Austria. Rain falling later over nearly the whole of W. Europe, but amounts nowhere very large.

Temperature risen decidedly in the W. and N. of our Islands, but fallen over N. Europe; changed irregularly elsewhere. Morning readings highest 73° at Malta, 65° at Lesina, and 61° at Naples and Palermo; above 60° at several of the Mediterranean stations, but below 55° at Riviera. Lowest (1) 26° at Longborough, 27° at Oxford, and 30° at York; (2) 29° at Hernosand, and 31° at Kuopio; (3) 35° at Madrid. Rapid rise taking place over England during day. Thermometer rises to between 50° and 56° at most of our central and southern stations. Exceeding 60° in Spain and the W. and S. of France and reaching 67° at Perpignan.

Wind moderate to strong from the S. or SE. in all the more W. and N. parts of our Islands, but SW. in the S. of Ireland; calm or light and variable over the central and SE. parts of England. Strong from W. or SW. in the W. of Norway; light from the NE. in Denmark. Light and variable over the greater part of central S. and E. Europe. Subsequently increasing to a gale from S. in the N. of Scotland; veering to SW. at many of our W. stations but backing to SSE at Valmiera Island in evening.

Barometer highest 30.1 ins. and upwards in an anticyclone lying over the Spanish peninsula and 30.0 ins. to 30.1 ins. and upwards in another system covering the whole of SE. Europe. Lowest 29.5 ins. and less in a well marked depression lying off the W. of Ireland, 29.5 ins. and less in the N. of Scandinavia, 29.7 ins. and less in an elongated area lying over N. Germany and the Baltic provinces. Depressions in W. subsequently moving N. but new disturbances beginning to approach Ireland in evening.

REMARKS ON THE WEATHER FOR THE 24 HOURS ENDING 8 AM NOV. 2. 1892.

Weather fine and bright over the greater part of the United Kingdom but dull in the west of Ireland and foggy at some of the central English stations. Fine also in many parts of Germany, Poland and Austria, but cloudy or overcast over the Continent generally, with rain at Brussels and Paris, and a thunderstorm at Leghorn. Dull rainy weather setting in later over the west of our Islands; large quantities of rain falling in Italy, the south of France and some parts of northern Germany, the heaviest amount of all being 1.7 ins. at Nice, 1.4 ins. at Monaco, 2.1 ins. at Luchon.

Temperature fallen in most places, - quickly over central England. Morning readings highest 72° at Malta, 64° at Palermo, 68° at Sanguinaire, and 67° at Cagliari; above 60° at many of the Mediterranean and Adriatic stations but below that point in the Riviera. Lowest (1) 25° at Longborough, 29° at York, and 30° at Donaghadee; (2) 27° at Kharke; (3) 31° at Hernosand and 33° at Haparanda. Rising during day to between 50° and 56° in the west and south of our Islands to 60° and upwards over the western, central and southern parts of France, and to 70° and upwards in the south of Italy, the highest reading being 82° at Palermo. Sharp frost occurring over central England at night.

Wind light from between S. and E. in the west of our Islands and from the W. in Scotland and the southern parts of Scandinavia. Moderate to fresh from the N. in the east and south of England and the north of France. Gales reported in the south of France, - from the W. at Biarritz, but from the S. at Toulon. Light from S. or SE. over Russia, central Europe and the Adriatic; SW. over Algeria and central Spain. S. or SE. winds setting in later over the west and north of our Islands generally; gales in the south of France gradually subsiding.

Barometer highest 30.2 ins. and upwards in an anticyclone over the S. of Russia, 30.1 ins. and upwards in another area lying off the SW. of Spain; band of relatively high readings extending N. from latter system over the Bay of Biscay and the greater part of our Islands. Lowest 29.3 ins. and less in the N. of Scandinavia; 29.7 ins. and less in a narrow band stretching from N. Germany to the S. of France and the N. of Spain. Shallower depression appearing later off our extreme W. coasts and barometer falling slowly in the W. parts of our Islands generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on FRIDAY 4th NOVEMBER. 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.
Ins.		°				Ins.	°	°	°							°	Ins.			
SCANDINAVIA.	Haparanda ...	29.88	23	2	0	b	29.86	7.41	17	17	-7	NW	2	0	4	30	2	—		
	Hernösand ...	29.82	35	2	0	o	29.80	7.05	35	35	+3	SW	1	0	4	41	23	—		
	Stockholm ...	29.97	41	12	2	0	29.96	7.03	41	37	+10	2	0	0	40	30	—			
	Wisby ...	29.80	44	12	2	7	29.81	7.03	44	31	-2	12	2	0	7	52	41	0.12		
	Bodö ...	29.86	36	2	0	0	29.83	7.28	33	31	-7	12	2	0	4	41	30	0.12		
	Christiansund...	29.71	38	ENE	3	0	29.80	7.03	38	3	+3	ENE	2	0	4	33	33	—		
	Skudesnaes ...	29.6	46	SE	3	0	29.85	7.15	47	47	+3	2	0	4	7.0	44	—			
	Christiania Fjord (Fæder)	29.87	38	NW	4	0	29.93	7.06	37	37	+4	NW	4	0	1	33	—			
	Skagen (The Scaw)	29.82	46	SE	3	7	29.92	7.09	42	42	+4	NW	1	0	0	46	33	0.16		
	Fanö ...	29.77	45	SE	2	0	29.88	7.21	45	45	+1	NW	2	0	0	48	43	—		
BRITISH ISLANDS.	Sumburgh Head	29.41	46	SE	1	0	29.60	7.13	46	46	-1	SE	3	0	5	48	43	0.01		
	Stornoway ...	29.38	49	SW	2	0	29.26	7.03	43	43	+2	SW	4	0	4	51	45	0.05		
	Wick ...	29.43	48	SW	1	bc	29.48	7.16	48	47	+2	2	0	3	bc	48	43	0.05		
	Nairn ...	29.46	47	2	0	bc	29.38	7.11	51	47	+7	SE	2	0	1	51	40	0.02		
	Aberdeen ...	29.54	44	SW	2	b	29.57	7.20	48	46	+3	SE	5	0.75	5	47	42	0.03		
	Leith ...	29.60	45	2	1	c	29.51	7.16	48	46	+1	SE	3	0	2	52	43	—		
	Shields ...	29.63	48	NW	2	bc	29.65	7.20	47	46	+4	SW	4	0.05	2	54	42	—		
	Spurn Head ...	29.74	47	SW	2	b	29.81	7.26	47	47	+2	SE	4	0.05	3	52	42	—		
	York ...	29.73	47	SW	1	b	29.75	7.23	47	46	+4	2	0	0	53	41	—			
	Loughborough	29.80	47	NW	2	b	29.81	7.23	50	49	+5	2	0	0	57	41	—			
GERMANY & HOLLAND.	Ardrossan ...	29.59	51	SW	2	b	29.42	7.06	51	50	+2	SE	5	0	4	51	47	0.07		
	Malin Head ...	29.47	43	2	5	0	29.25	7.03	48	47	+1	SW	4	0	3	52	47	0.02		
	Mullaghmore ...	29.46	53	SE	6	og	29.25	-0.05	52	48	+5	2	0	6	bc	56	47	0.03		
	Belmullet ...	29.38	53	SE	4	og	29.25	-1.0	52	53	+2	2	0	5	bc	53	48	0.03		
	Donaghadee ...	29.62	48	SW	3	bc	29.42	0.0	53	53	+7	SW	7	0	5	53	45	0.22		
	Liverpool (Bidston)	29.73	48	SW	3	b	29.64	7.10	51	50	+4	SE	5	0	4	55	45	—		
	Holyhead ...	29.68	51	SW	3	b	29.52	7.01	53	52	+4	2	0	5	54	48	0.11			
	Parsonstown ...	29.56	49	SE	1	0	29.42	-0.7	48	48	+3	SE	2	0	0.7	53	44	0.28		
	Valencia ...	29.45	54	SE	6	og	29.23	-1.6	54	52	+4	2	0	4	cm	56	49	0.07		
	Roche's Point	29.58	53	2	6	bc	29.48	-1.1	53	51	+3	SW	5	0	5	53	45	0.33		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.73	53	SW	4	b	29.60	-0.1	54	54	+2	SW	6	0.05	7	53	51	0.23		
	Scilly ...	29.76	53	2	5	b	29.62	-0.8	54	54	+2	2	0	5	57	50	0.23			
	Prawle Point ...	29.86	51	NW	4	b	29.77	7.03	53	54	+4	SW	7	0.05	5	56	51	—		
	Jersey (St. Aubin's)	29.92	52	NW	1	b	29.91	7.14	53	54	-1	SE	5	0	4	53	47	0.01		
	Hurst Castle ...	29.88	52	NW	4	b	29.87	7.16	54	54	+3	SW	6	0	4	53	50	—		
	Dungeness ...	29.84	52	NW	4	b	29.95	7.28	53	52	-1	SW	6	0	5	57	51	—		
	North Foreland	29.84	50	NW	1	b	29.95	7.28	53	51	+1	SE	4	0.05	5	55	46	—		
	London ...	29.83	49	NW	1	bc	29.90	7.23	53	51	+3	SW	3	0	0	56	45	0.01		
	Oxford ...	29.88	45	SW	2	b	29.84	7.20	52	51	+5	SE	4	0	0	56	44	—		
	Cambridge ...	29.74	47	NW	1	b	29.88	7.24	48	48	+1	2	0	0	57	38	—			
PENINSULA.	Yarmouth ...	29.75	49	NW	2	b	29.91	7.29	50	49	+3	2	0	4	bc	54	43	0.01		
	Cuxhaven ...	29.71	45	SE	2	7	29.53	7.21	46	45	+2	NW	2	0	7	43	44	0.08		
	Berlin ...	29.81	45	2	2	b	29.83	7.17	48	47	+1	NW	2	0	0	53	41	0.04		
	Wiesbaden ...	29.81	45	2	2	b	29.16	7.25	41	40	-5	2	0	0	52	39	0.04			
	Munich ...	29.84	46	2	0	0	29.20	7.23	44	44	-3	SW	4	0	0	52	43	0.04		
	The Helder ...	29.86	49	NW	2	b	29.05	7.25	46	46	+2	SW	2	0	2	54	41	0.16		
	Brussels (3 a.m.)	29.85	52	NW	5	b	29.11	7.35	42	40	-7	SE	3	0	0	56	37	—		
	Cape Gris Nez	29.85	52	NW	5	b	29.35	7.30	47	44	-6	SW	4	0	3	53	45	—		
	Paris ...	29.88	53	SW	2	b	29.13	7.31	46	46	-5	2	0	7	53	41	0.04			
	Brest ...	29.88	53	SW	2	c	29.13	7.31	46	46	-5	2	0	7	53	41	0.04			
FRANCE AND BELGIUM.	Lorient ...	29.84	53	SW	4	b	29.92	7.12	53	53	+2	2	0	5	63	53	—			
	Rochefort ...	29.01	57	NW	3	c	29.03	7.16	50	50	-7	SE	3	0	0	61	50	—		
	Belfort ...	29.01	57	NW	4	7	29.01	7.16	50	47	+3	NW	3	0	7	62	37	0.12		
	Lyons ...	29.01	51	NW	1	0	29.19	7.20	44	44	0	NW	1	0	0	53	44	0.04		
	Nice ...	29.96	53	2	0	b	29.11	7.26	47	47	-4	12	1	0	63	43	—			
	Perpignan ...	29.05	60	SE	2	0	29.16	7.15	48	47	-1	SW	2	0	0	70	44	—		
PENINSULA.	Biarritz ...	29.01	53	NW	2	m	29.06	7.09	57	54	-2	2	0	6	m	64	52	1.18		
	Corunna ...	29.12	63	SW	4	0	29.16	7.04	63	62	+2	2	0	0	0	64	?	0.04		
PENINSULA.	Lisbon ...	29.12	63	SW	4	0	29.16	7.04	63	62	+2	2	0	0	0	64	?	0.04		

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, 4th Nov^r 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:

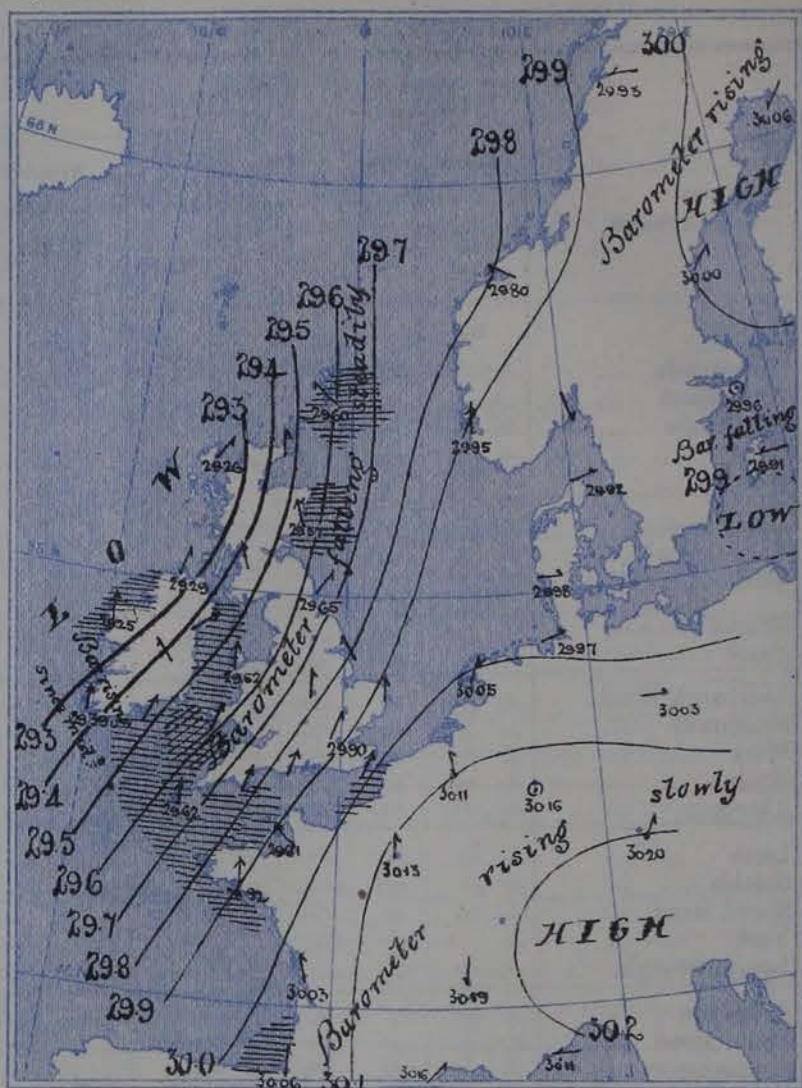
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.780
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.861
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 November.)

STATIONS.	TEMPERATURE.				RAINFALL. Inches.
	Daily Max.	Daily Min.	Wet Wet	Wet Wet	
Sumburgh Head	45.0	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	45.1	30.1	41.6	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	30.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	38.6	40.6	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.83
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee	48.2	39.2	43.2	42.0	3.20
Holyhead	48.7	42.9	45.8	44.0	3.83
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	46.9	45.1	4.04
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	1.30
Hurst Castle	50.5	40.6	44.9	41.0	3.01
Dover	49.2	40.6	44.3	42.8	3.48
LONDON	49.2	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.9	40.0	2.31
Cambridge	48.6	37.8	40.7	39.0	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.09

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. to 30.0 in. over France, Germany, and Spain, and 30.0 in. and more over Finland.
 Lowest, 29.3 in. and less, off our extreme northwestern coasts, and about 29.9 in. over the Baltic.
 Gradients rather steep over our Islands - for S. winds.
 Barometer rising again on our southwestern coasts, after a brisk fall.

TEMPERATURE

Highest, 63° at Lirbow, 57° at Kiamitz, 55° at the mouth of the Channel, 54° at Valencia (Ireland).
 Lowest, 17° at Kaparanda, 35° at Kermasand, 41° at Wiesbaden.
 The maxima recorded over our Islands yesterday varied between 51° and 59°, those in the west and south of France varied from 60° to 70°.

WIND

S. all over the United Kingdom and France; fresh in force in most places, strong to a gale on our south and southwest coasts, moderate in the west of France.
 A fresh gale from S. was felt in the south of Ireland during the night.

WEATHER

Cloudy and unsettled over Great Britain, fair (but not settled) in Ireland. Several of our southern stations report a threatening appearance of the sky.
 Rain has fallen at several of our own stations - most in the west and northwest. Stormway measured 0.85 in., and Rainy 1.18 in.

SEA

Rough on our western coasts generally, high at Pembroke, but is decreasing at Valencia Island.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

An improvement in the weather is probable over England during today, but the general appearance is far from being settled.

FORECASTS

For the 24 hours ending at NOON on 5th Nov^r 1892.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S. winds, strong to a gale, rainy, mild. Same as N. 5 S. winds, fresh or strong; rain at times.	6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	 S. winds, strong, a gale at times; squally, showery. The SOUTH CONE is still flying in districts 0, 1, and 6 to 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.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29. 67	45	41	SE	6	7	4	Valencia ...	29. 57	56	53	SE	4	cm	5
Sumburgh Head ...	29. 38 ¹	47	47	SE	1	0	5	Scilly ...	29. 77	57	54	SE	4	b	5
Stornoway ...	29. 30	50	49	SE	2	bc	3	Jersey ...	29. 83	59	58	W	3	bm	3
Aberdeen ...	29. 41	49	46	SE	4	c	4	Hurst Castle ...	29. 83	54	51	W	4	b	4
Shields ...	29. 56	54	48	SE	3	c	2	Dungeness ...	29. 77	56	53	W	4	b	3
Ardrossan ...	29. 57	50	48	SE	4	bc	3	North Foreland ...	29. 77	53	51	W	2	b	3
Malin Head ...	29. 43	51	49	SE	4	b	4	London ...	29. 78	56	50	W	1	bc	*
Mullaghmore ...	29. 47	53	48	S	5	c	5	Yarmouth ...	29. 69	54	50	W	3	bc	3
Belmullet ...	29. 45	53	50	SE	2	bc	*	Rochefort ...	29. 86	60	58	W	4	o	*
Holyhead ...	29. 64	53	49	SE	3	b	3								

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

Weather fair or fine over the greater part of Ireland, England, France, Spain, and Algeria, as well as over the northern parts of Sweden and Russia. Cloudy or overcast elsewhere, with rain in the north of Scotland, the Netherlands, and the eastern and southern parts of Germany, and at the head of the Adriatic. Rain falling later in the west and extreme north of our islands generally, heavily in places. A large quantity reported also in the south of France (12 in. at Biarritz.)

Temperature risen rapidly over England and slightly in many other parts of Europe, but fallen over Sweden and northern Russia, as well as in Italy. Morning readings highest 68° at Malta, 64° at Fez and Constantinople, and 63° at Cagliari; reaching 66° or more at several of the Mediterranean and Spanish stations and exceeding 55° in the west of France. Lowest 24° at Copavanda, 26° at Herisand, and 28° at Kuopio; below the freezing point in most parts of Sweden and northern Russia. Rising during day to between 55° and 57° at many of the English and Irish stations, and reaching 59° at Jersey. Exceeding 60° in France and rising to 70° at Perpignan.

Wind moderate to fresh from W. or SW. over the west of France and the southern parts of the United Kingdom, and from SW. or S. on our eastern and northern coasts. SE¹ on the eastern shores of the North Sea. Light W² over northern Russia, S³ in the south of that country. Variable over Italy and Central Europe; light from the SE² over Algeria and the greater part of Spain. Subsequently increasing from S. on our western coasts, and blowing a gale at some of the Irish stations at night.

Barometer highest 30.2 ins. and upwards, in an anticyclone lying over Central Russia; 30.1 ins. and upwards, in another system lying over Algeria and the southern part of Spain. Lowest 29.3 ins. and less, in a depression off the west of Scotland, 29.6 ins. and less, in another disturbance in the neighbourhood of the White Sea. Depression off Scotch coast subsequently travelling away to the northward, but new and deeper system approaching the west of Ireland in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 5th November, 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.		SHADE TEMP.			Wind.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Force (0 to 12).	Dir.		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Ina.		°				Ina.	°	°	°									Ina.		
SCANDINAVIA.	Haparanda ...	30.25	29	SW	2	0	30.38	+32	28	27	+11	ESE	2	0	#	0	30	14	0.10	
	Hernösand ...	30.15	35	S	2	0	30.30	+30	32	32	-3	2	0	bc	#	0	30	30	0.08	
	Stockholm ...	30.10	42	Z	0	0	30.29	+33	41	40	0	2	0	f	#	0	48	36		
	Wisby ...	30.12	46	N	2	0	30.26	+35	43	41	+2	NNE	2	bc	#	0	50	43		
	Bodö ...	30.05	35	E	2	0	29.97	+04	37	35	+2	ESE	2	0	1	0	50	30		
	Christiansund...	29.88	40	E	2	0	29.74	-06	45	42	+3	ESE	4	0	3	0	45	37		
	Skudesnaes ...	29.88	50	SE	7	0	29.77	-08	50	49	+1	SSE	8	1	6	0	50	46		
	Christiania Fjord (Værder)	30.09	44	N	2	0	30.08	+15	47	46	+1	SSE	5	0	3	0	50	37		
	Skagen (The Seaw)	30.11	46	SSW	2	0	30.11	+19	47	45	+2	SSW	6	0	3	0	48	43		
	Fanö ...	30.08	45	S	4	0	30.04	+06	44	43	-1	SSE	6	0	#	0	54	40		
ISLANDS.	Sumburgh Head	29.47	48	SE	4	0	29.46	-14	47	47	+1	SSE	4	bc	5	0	49	46	0.12	
	Stornoway ...	29.31	50	SW	6	0	29.28	+02	49	49	0	SW	6	bc	6	0	52	46	0.35	
	Wick ...	29.46	48	S	3	bc	29.42	-06	49	48	+1	S	4	bc	3	bc	51	48	0.13	
	Nairn ...	29.40	50	SSE	1	bc	29.39	+01	50	47	-3	SSE	2	bc	2	bc	58	44		
	Aberdeen ...	29.53	48	S	3	bc	29.55	+02	49	47	+2	S	3	0	5	bc	51	45	0.23	
	Leith ...	29.54	48	WSW	1	bc	29.54	+03	52	49	+3	S	2	bc	#	bc	56	47	0.02	
	Shields ...	29.62	54	SSW	2	cp	29.68	+03	48	46	+2	S	3	bc	2	bc	55	45	0.02	
	Spurn Head ...	29.71	51	SSE	6	0	29.81	+00	47	47	0	SSE	3	bc	3	bc	52	46	0.03	
	York ...	29.67	54	S	2	bc	29.76	+01	47	46	-1	S	1	bc	#	bc	55	47	0.39	
	Loughborough	29.73	54	SW	5	0	29.83	+02	48	48	-2	SSE	2	bc	#	0	56	46	0.24	
BRITISH ISLANDS.	Ardrossan ...	29.49	51	S	4	bc	29.51	+09	51	50	0	S	4	bc	4	bc	53	50	0.20	
	Malin Head ...	29.33	52	S	5	cp	29.40	+11	47	46	-1	S	4	bc	2	bc	54	47	0.03	
	Mullaghmore ...	29.32	53	S	7	cp	29.44	+15	47	47	-3	SSW	5	bc	5	bc	56	47	0.49	
	Belmullet ...	29.28	51	S	5	0	29.44	+19	51	49	-2	SW	3	bc	#	bc	54	49	0.32	
	Donaghadee ...	29.50	50	S	4	m	29.53	+11	51	51	-2	SW	5	bc	3	bc	55	49	0.01	
	Liverpool (Bldston)	29.64	53	SSE	2	bc	29.73	+09	49	47	-2	SE	3	bc	3	bc	55	47	0.11	
	Holyhead ...	29.58	53	SSW	4	bc	29.65	+13	53	52	0	SSW	5	bc	5	bc	55	51	0.01	
	Parsonstown ...	29.45	49	SE	1	0	29.59	+17	45	44	-1	SE	1	bc	#	bc	58	45	0.30	
	Valencia ...	29.44	52	S	5	cp	29.63	+24	52	49	-3	S	3	bc	4	bc	57	49	0.06	
	Roche's Point	29.51	54	SSW	5	bc	29.66	+18	53	52	0	SW	4	bc	4	bc	55	50	0.10	
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.64	53	SSW	4	bc	29.73	+13	54	53	0	SSW	5	bc	6	bc	55	53	0.01	
	Scilly ...	29.68	53	SSW	5	bc	29.77	+15	53	52	-1	SSW	4	bc	5	bc	57	51	0.15	
	Prawle Point ...	29.77	52	SW	4	bc	29.86	+09	53	53	-2	SW	3	bc	3	bc	58	52	0.33	
	Jersey (St. Aubin's)	29.81	59	S	5	0	29.94	+03	55	53	0	SSW	4	bc	3	bc	59	54	0.10	
	Hurst Castle ...	29.81	55	S	7	om	29.90	+08	55	54	+1	SW	4	bc	5	bc	57	53	0.16	
	Dungeness ...	29.92	54	S	6	0	29.91	-04	55	55	+2	SW	3	bc	3	bc	56	52	0.17	
	North Foreland	29.92	53	S	5	0	29.91	-04	55	54	+3	S	1	bc	3	bc	55	49	0.06	
	London ...	29.86	54	S	3	0	29.89	-01	54	53	+1	SSW	1	bc	#	bc	59	51	0.14	
	Oxford ...	29.75	54	S	5	0	29.86	+02	51	50	-1	S	1	bc	#	bc	56	49	0.23	
	Cambridge ...	29.81	48	S	2	0	29.80	+02	50	50	+2	S	1	bc	#	bc	57	47	0.12	
FRANCE AND BELGIUM.	Yarmouth ...	29.88	51	SSW	5	0	29.89	-02	50	49	0	S	3	bc	3	bc	53	49	0.08	
	Cuxhaven ...	30.09	43	SSW	2	f	30.07	+10	43	42	-3	S	3	bc	#	bc	47	41		
	Berlin ...	30.21	47	N	3	0	30.30	+27	41	41	-7	2	0	f	#	0	50	37	0.08	
	Wiesbaden ...	#	#	#	#	#	30.22	+06	42	41	+1	2	0	0	#	#	52	37		
	Munich ...	#	#	#	#	#	30.00	-05	48	47	+2	S	4	bc	#	bc	52	46		
	The Helder ...	30.06	48	S	2	bc	30.00	-05	48	47	+2	S	4	bc	#	bc	52	46		
	Brussels (9 a.m.)	#	#	#	#	#	30.03	-08	50	48	+8	SE	4	bc	#	bc	55	42		
	Cape Gris Nez	29.91	52	S	5	0	29.89	-06	54	54	+7	S	5	bc	4	bc	55	45	0.08	
	Paris ...	30.08	52	SE	2	0	30.07	-06	52	50	+6	S	2	bc	#	bc	57	46		
	Brest ...	?	56	N	4	0	?	?	55	55	0	SW	4	bc	5	bc	59	52	0.20	
PORTUGAL.	Lorient ...	29.88	57	SSW	6	0	29.91	-01	56	55	-2	SSW	5	bc	5	bc	59	55	0.04	
	Rochefort ...	30.00	59	S	4	0	29.96	-07	55	54	+5	SSE	5	bc	#	bc	63	50		
	Belfort ...	?	49	N	2	0	?	?	36	34	-14	2	0	bc	#	bc	61	32		
	Lyons ...	30.19	51	E	1	bc	30.23	+04	44	44	0	ESE	1	bc	#	bc	58	42		
	Nice ...	30.19	54	E	1	bc	30.27	+16	52	50	+3	2	0	bc	#	bc	63	48		
	Perpignan ...	30.19	54	E	2	bc	30.20	+04	53	53	+5	SW	1	bc	#	bc	63	48		
	Biarritz ...	30.06	62	SSW	2	bc	30.05	-01	63	62	+6	SW	2	bc	#	bc	70	57		
	Corunna ...	#	#	#	#	#	30.15	-01	60	58	-3	NNE	4	bc	#	bc	66	59	0.20	
	Lisbon ...	30.14	62	S	4	0	30.15	-01	60	58	-3	NNE	4	bc	#	bc	66	59	0.20	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 5th November, 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

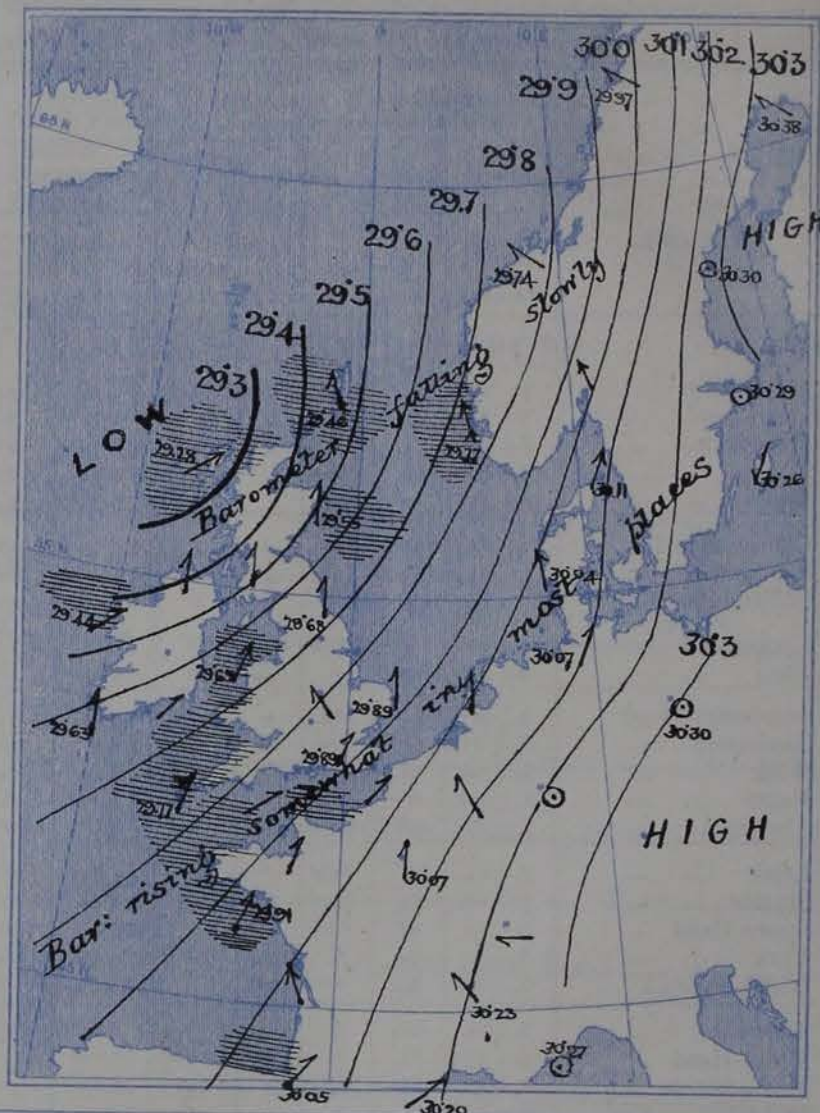
at 8.0 a.m. for the month of November

During the 20 Years: 1871-1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 November.)

STATIONS.	TEMPERATURE.				RAINFALL <i>Inches.</i>
	Daily Max.	Daily Min.	at 8 a.m.		
			Day.	Night.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.29
Aberdeen.....	46.2	36.6	40.3	38.7	3.14
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.9	42.1	40.3	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.3	40.6	39.3	2.19
Loughborough.....	48.0	38.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.3	3.88
Mullaghmore.....	48.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.06
Parsonstown.....	49.1	37.1	41.0	40.2	2.82
Valencia.....	52.3	43.6	47.4	45.5	5.42
Roche's Point.....	51.1	42.0	46.1	44.5	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.01
Scilly.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.20
Jersey.....	51.9	44.1	47.7	45.8	3.30
Hurst Castle.....	50.5	40.6	41.9	41.0	3.01
Dover.....	49.3	40.8	41.3	42.8	2.48
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.6	41.2	40.0	2.31
Cambridge.....	48.4	35.8	40.7	39.0	2.01
Yarmouth.....	47.5	39.0	43.1	42.0	3.00

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 over Germany, and 30.2 in: to 30.0 in: over France.
 Lowest, 29.3 in: and less, off the northwest of Scotland.
 Gradients still somewhat steep, but decreasing.
 Barometer steady in the southeast, rising unsteadily in the west and north.

TEMPERATURE

Highest, 63° at Biarritz, 60° at Lisbon, 55° at Jersey.
 Lowest, 28° to 32° over the northern parts of Sweden; 47° to 48° over the northeastern parts of England.
 The maxima recorded over our Islands yesterday ranged between 50° and 59°; those over France ranged from 60° to 70°.

WIND

Generally S² over France and the United Kingdom and North Sea, SE² to E² in Norway.
 In force moderate to fresh, but strong in Denmark and the south of Norway.

WEATHER

Fine and bright in many parts of our Islands and France, cloudy or overcast in others, and raining in a few places. As a whole it is apparently changeable, but improving.
 Rain has again fallen generally, the maximum amount being 0.5 in: at Mullaghmore, and 0.4 in: at York. Thunder and lightning occurred in the northwest of Ireland.

SEA

Still rough in the north, the west, and southwest, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no indication of the approach of any new disturbance.

FORECASTS

For the 24 hours ending at NOON on 6th November, 1892.

DISTRICTS.

FORECASTS.

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

S² and SW² winds, moderate; some showers.
 } SW² breezes, light; passing showers, bright intervals.
 } SW² breezes, light; cloudy to clear, fair, very mild.

DISTRICTS.

FORECASTS.

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

SW² and S² winds, freshening; some showers.

WARNINGS

The signals are now down 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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.90	49	46	SE	6	c	4	Valencia ...	29.42	55	52	S	5	c q	6
Sumburgh Head	29.48	48	48	SE	4	r	6	Scilly ...	29.66	57	56	SSW	4	c	5
Stornoway ...	29.31	52	52	SW	4	r	4	Jersey ...	29.86	59	56	SSW	5	c	4
Aberdeen ...	29.51	50	48	SSE	5	eq	6	Hurst Castle ...	29.82	55	54	S	5	OTM	5
Shields ...	29.60	54	52	SSW	3	o	2	Dungeness ...	29.93	54	53	SSW	6	c	5
Ardrossan ...	29.48	53	51	S	4	bo	3	North Foreland ...	29.92	53	52	S	3	o	4
Malin Head ...	29.34	54	51	S	5	bo	2	London ...	29.86	58	54	S	4	o	4
Mullaghmore ...	29.31	55	51	S	6	c	5	Yarmouth ...	29.90	53	51	S	4	OTM	4
Belmullet ...	29.27	50	49	SW	6	op	4	Rochefort ...	30.01	62	59	SSE	4	c	4
Holyhead ...	29.57	54	53	SSW	4	c	4								

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

Weather cloudy and unsettled over Great Britain, with rain in many places, dull also over a considerable portion of the Continent, foggy at several of the German and Russian stations; rain at Riga and Paris. Fine in Ireland, the west and south of France, Algeria, and the extreme southern parts of Spain and Italy. Rain falling later in almost all parts of the United Kingdom — rather heavily at some of the northern stations; thunderstorm occurring at Mullaghmore in afternoon, and lightning seen at Malin Head at night.

Temperature risen a few degrees over the United Kingdom and Scandinavia, changed irregularly elsewhere. Morning readings highest 64° at Malta, 63° at Brindisi and Algiers, and 62° at Barcelona and Palermo; above 55° in the west of France, and touching that point at some of the English stations. Lowest 17° at Haparanda, 25° at Kuopio, 28° at Uleaborg, and 29° at Archangel. Rising during day to 55° and upwards in many parts of our Islands, reaching 59° in London, and 58° even as far north as Narvik; minima in following night above 50° at several of our southern stations.

Wind S³ over the greater part of Western Europe and strong in force on our western and southern coasts. Light from the W³ over Denmark, eastern Germany, and Austria, and from NW in Italy, but E³ at most of the Russian stations. Light S³ in Algeria. A fresh gale from the N³ reported at Constantinople. No important change occurring during day.

Barometer highest 30.2 in: and upwards, in an anticyclone covering Algeria and the southeastern half of the Spanish Peninsula and also in another system lying over Central Russia. Lowest 29.3 in: and less, in a large depression lying to the westward of our Islands. Gradients rather steep over our Islands and the Bay of Biscay. Shallow secondary disturbance, with readings below 29.5 in: lying over the Baltic Provinces. No important change occurring 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 (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Sunday 6th November, 1902.

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.		WIND.		SHADE TEMP.		Amount of Rainfall.	
	Reading at 32° F. and Sea Level.	Dry Bulb.	Wet Bulb.	Force (0 to 12).	Dirac.	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 9).	Weather.	Max.	Min.		
	Inch.	°	°				Inch.		°	°	°						°	°	Inch.	
SCANDINAVIA.	Haparanda ...	30.27	31	SE	4	0	30.12	-.26	35	35	+	7	SW	4	r	#	0	25	0.08	
	Hernösand ...	30.24	41	S	6	0	30.17	-.13	41	40	+	9	SW	2	r	#	0	41	28	
	Stockholm ...	29.93	42	SE	2	0	30.22	-.07	46	43	+	5	S	2	0	#	0	48	37	
	Wisby ...	30.34	45	ESE	2	0	30.26	.00	46	45	+	3	S	4	c	#	0	52	43	
	Bodo ...	29.83	40	E	4	0	29.79	-.18	42	40	+	5	E	2	0	1	0	42	36	0.08
	Christiansund ...	29.75	48	SE	3	bc	29.77	+.03	48	44	+	3	SSW	1	bc	3	bc	48	42	0.04
	Skudesnaes ...	29.86	50	SSE	6	0	29.84	+.07	50	48		0	SSE	4	0	3	0	51	46	
	Christiania Fjord (Furder)	30.03	48	SSE	6	r	29.94	-.14	47	47		0	SSE	6	r	4	r	48	?	
	Stagen (The Scaw)	30.02	48	S	6	r	29.94	-.17	48	46	+	1	S	6	r	4	r	48	46	0.55
	Fanö ...	29.99	47	S	4	r	29.89	-.15	45	45	+	1	S	4	0	#	r	48	44	0.43
ISLANDS.	Sumburgh Head	29.51	49	SSE	3	c	29.69	+.23	45	44	-	2	W	1	b	4	c	50	43	0.01
	Stornoway ...	29.41	49	SW	4	0	29.68	+.40	44	43	-	5	SW	2	c	4	ro	52	43	0.20
	Wick ...	29.52	48	S	2	bc	29.72	+.30	44	43	-	5	S	2	b	2	bc	52	42	
	Nairn ...	29.53	46	W	1	b	29.73	+.34	42	41	-	8	Z	0	b	1	b	56	39	0.21
	Aberdeen ...	29.66	47	SW	3	b	29.79	+.24	37	36	-	12	WNW	1	bc	4	qpb	52	37	0.01
	Leith ...	29.68	52	S	1	bc	29.79	+.25	42	42	-	10	SSW	1	cm	#	bc	56	38	
	Shields ...	29.73	52	SW	3	c	29.79	+.11	45	44	-	3	WNW	2	c	2	op.c	55	41	
	Spurn Head ...	29.82	49	SSE	3	0	29.81	.00	47	47		0	SSE	2	c	2	of	52	44	0.01
	York ...	29.80	51	S	1	b	29.81	+.05	46	46	-	1	Z	0	f	#	b	55	43	
	Loughborough	29.84	50	SE	2	c	29.84	+.01	48	47		0	S	1	omw	#	c	55	45	
BRITISH.	Ardrossan ...	29.66	51	SW	4	bc	29.81	+.30	45	44	-	6	ESE	1	0	1	bc	52	44	0.06
	Malin Head ...	29.60	48	SSW	4	bc	29.77	+.37	43	42	-	4	S	3	b	2	bc	52	42	0.01
	Mullaghmore ...	29.63	48	SSW	3	b	29.79	+.35	43	42	-	6	WSW	2	bc	3	cb	54	42	
	Belmullet ...	29.63	50	SW	2	b	29.80	+.36	46	45	-	5	SW	2	b	#	b	52	45	
	Donaghadee ...	29.62	49	WSW	3	b	29.82	+.29	42	43	-	8	W	3	bc	1	b	55	42	0.01
	Liverpool (Bidston)	29.78	51	SSE	2	b	29.84	+.11	45	44	-	4	WSW	1	0	3	b	56	45	0.17
	Holyhead ...	29.73	52	SSW	4	c	29.83	+.18	45	47	-	5	NW	3	cg	1	c	56	47	0.11
	Parsonstown ...	29.71	46	Z	0	bc	29.86	+.27	37	36	-	8	Z	0	b	#	bc	55	36	
	Valencia ...	29.75	49	S	3	bc	29.93	+.30	49	45	-	3	SW	2	bc	4	b, bc	55	45	0.01
	Roche's Point	29.74	50	SW	2	c	29.95	+.29	43	42	-	10	W	2	b	4	c	55	38	
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.76	53	SSW	3	c	29.87	+.14	50	48	-	4	WNW	4	bc	5	c	55	49	0.18
	Scilly ...	29.79	52	SSW	3	c	29.93	+.16	50	47	-	3	WNW	3	bc	4	c	58	46	0.05
	Prawle Point ...	29.85	52	SW	3	c	29.93	+.07	47	47	-	6	W	3	b	2	mcp.	54	46	0.21
	Jersey (St. Aubin's)	29.91	54	SW	3	c	29.97	+.06	52	50	-	3	WNW	3	bc	3	c	57	48	0.17
	Hurst Castle ...	29.87	54	S	3	c	29.90	.00	50	50	-	5	WNW	2	bc	3	oc	56	49	0.15
	Dungeness ...	29.87	55	SSW	4	r	29.87	-.04	54	53	-	1	SW	3	c	2	r	55	51	0.32
	North Foreland	29.86	54	S	1	0	29.89	-.02	52	51	-	3	SSW	1	bm	2	0	55	49	0.27
	London ...	29.87	53	SSW	1	0	29.87	-.02	49	48	-	5	S	1	cp	#	or	55	46	0.15
	Oxford ...	29.86	50	SSW	1	c	29.86	.00	48	47	-	3	SSW	2	or	#	c	57	47	
	Cambridge ...	29.88	52	Z	0	0	29.86	-.04	47	47	-	3	SW	1	0	#	0	56	44	0.06
FRANCE AND BELGIUM.	Yarmouth ...	29.88	51	S	1	c	29.86	-.03	46	45	-	4	SSW	1	f	3	c	52	44	0.16
	Cuxhaven ...	30.01	47	SSE	3	c	29.89	-.18	46	45	+	3	S	3	0	#	c	50	43	
	Berlin ...	30.24	44	ESE	3	bc	30.15	-.15	40	40	-	1	SE	3	0	#		50	36	
	Wiesbaden ...	30.23	41	E	5	f	30.04	-.18	43	42	+	1	Z	0	0	#		46	41	
	Munich ...	30.23	41	E	5	f	30.10	-.18	35	35			SW	4	f	#		52	32	0.04
	The Helder ...	29.95	51	S	1	r	29.89	-.19	51	51	+	3	WSW	1	0	1	r	52	48	0.39
	Brussels (9 a.m.)	?	?	?	?	?	29.86	-.03	51	51	-	3	SW	2	0	2	r	57	50	0.35
	Cape Gris Nez	?	55	?	4	r	29.86	-.03	51	51	-	3	SW	2	0	2	r	57	50	0.35
	Paris ...	29.98	58	SSE	2	r	30.00	-.07	49	49	-	3	SW	2	0	#	r	60	49	0.08
	Brest ...	?	55	SW	3	c	?	?	52	50	-	3	NW	3	0	4	c	59	49	0.04
PENIN-SULA.	Lorient ...	29.91	55	SW	5	c	30.01	+.10	63	50	-	3	WNW	3	bc	5	c	59	52	0.08
	Rochefort ...	30.00	56	WSW	4	r	30.02	+.06	56	53	+	1	WNW	4	bc	#	r	59	50	0.51
	Belfort ...	?	53	SSE	4	c	?	?	50	50	-	14	WSW	1	0	#	c	57	49	0.04
	Lyons ...	30.12	56	SSW	1	bc	30.07	-.16	51	50	+	7	W	1	r	#	bc	62	44	0.32
	Nice ...	30.20	54	Z	0	0	30.12	-.15	52	51		0	E	1	r	2	0	61	50	
	Perpignan ...	30.08	58	NE	1	0	30.06	-.14	57	52	+	4	WNW	4	0	#	0	64	53	
	Biarritz ...	30.04	57	W	6	r	30.13	+.08	56	52	-	7	SSW	3	r	5	bc	68	52	0.32
	Corunna ...	?	?	?	?	?	30.19	+.19	55	53	-	1	SW	3	0	4	#	63	50	
	Lisbon ...	30.26	59	WNW	3	bc	30.19	+.04	59	56	-	1	S	2	c	#	bc	60	57	

For Explanation of Columns, see bottom of last page.

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

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for 8 a.m. on Sunday, 6th Nov^r 1892.

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EXPLANATION OF MAP

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

Changes since previous morning are stated in words.

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their barbs and feathers refer to force thus—

— forces above 10; — forces 8 to 10;

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○ = dead calm.

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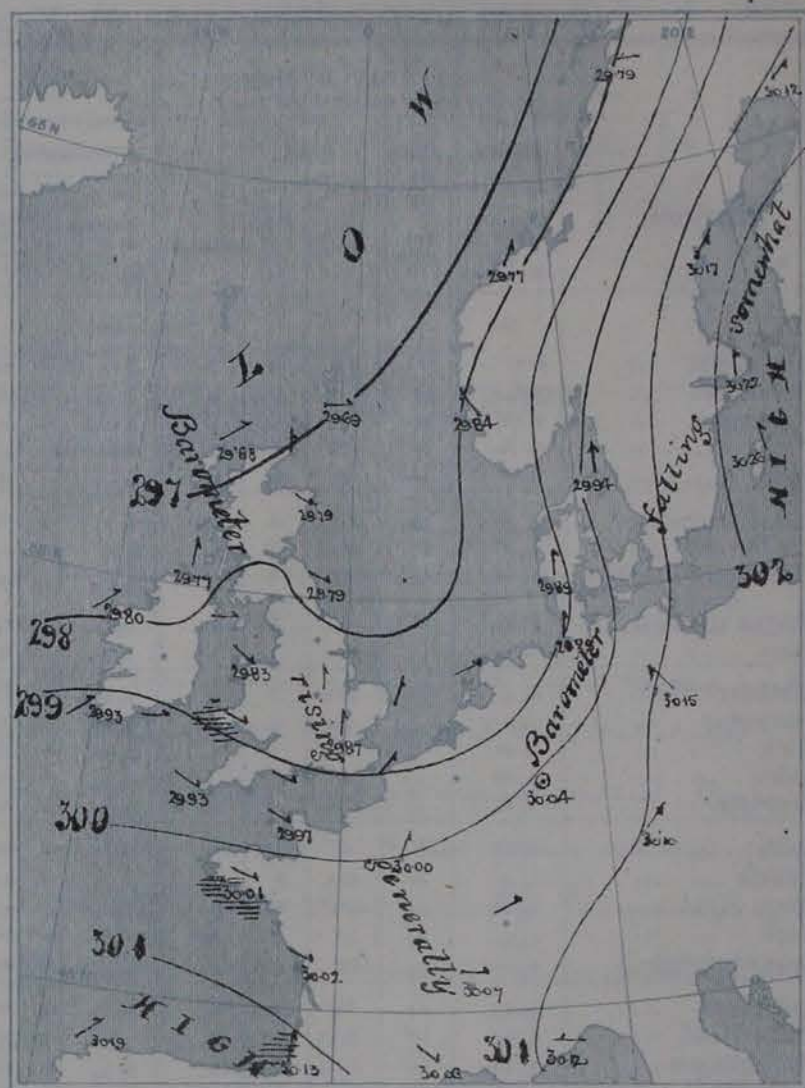
— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
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Spurn Head	29.842
York	29.846
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Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roches Point	29.865
Pembroke	29.844
Selly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.857
Yarmouth	29.865



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.

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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 November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily MAX.	Daily MIN.	8 a.m. 10 a.m.	Day.	
Sumburgh Head	45.6	37.8	42.0	40.3	1.10
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Wick	46.4	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
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Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.0	41.2	45.1	43.1	4.18
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roches Point	51.1	42.0	46.1	44.5	1.62
Pembroke	50.1	43.8	46.9	45.1	1.01
Selly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.40
Jersey	51.9	44.1	47.7	45.8	4.30
Hurst Castle	50.5	40.8	44.9	44.0	3.01
Dover	48.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.0	35.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.05

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30.2 in. and more to 30.1 in. over Spain; (2) 30.3 in. and more to 30.0 in. over Finland, the Baltic, and Central Europe.

Lowest, 29.7 in. and less, in the extreme north of Scotland and off the northwest of Norway.

Gradients moderate over Scandinavia, Denmark, and the Baltic, slight elsewhere.

Barometer rising decidedly on our western and northern coasts, falling over the Baltic and Scandinavia.

TEMPERATURE

Highest, 59° at Lisbon, 57° at Perpignan, 52° at Jersey, 50° at Killybegs, and 48° to 50° in the west of Norway.

Lowest, 35° at Haparanda and Munich, 37° at Aberdeen.

The maxima recorded over our Islands yesterday still exceeded 55° in many places, but were lower on the whole than those reported on Friday.

WIND

S⁴ fresh to strong, on the eastern shores of the North Sea.

S¹ to W¹, and Variable, light in the British Islands, NW¹ over the Bay of Biscay.

WEATHER

Very variable, clear and bright in many parts of the British Islands, foggy at York and Yarmouth, rainy in London and at Oxford, as well as in some part of France and Denmark.

Rain has again fallen in most ^{places}, but the amounts are, as a rule, slight.

SEA

Moderate in the north and west, but going down; slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 7th Nov. 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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.84	51	50	SSE	6	of	5	Valencia ...	29.70	54	51	SH	4	b	4
Samburgh Head ...	29.47	49	48	S	3	c	5	Scilly ...	29.78	56	54	SSH	4	bc	5
Stornoway ...	29.35	51	50	SH	6	r	6	Jersey ...	29.90	56	55	SSH	3	o	3
Aberdeen ...	29.58	50	48	SSH	3	b	5	Hurst Castle ...	29.89	55	55	SSH	3	om	4
Shieldz ...	29.71	53	51	SH	3	o	2	Dungeness ...	29.84	55	55	SH	3	r	3
Ardrossan ...	29.62	51	49	SH	3	bc	3	North Foreland ...	29.87	55	54	S	1	r	2
Malin Head ...	29.52	51	48	SH	4	c	3	London ...	29.88	58	55	SSH	2	o	3
Mullaghmore ...	29.59	53	49	SH	5	c	4	Yarmouth ...	29.89	52	51	S	3	cm	3
Belmullet ...	29.57	53	50	SH	2	b	4	Rocheport ...	29.98	58	57	W	3	r	4
Holyhead ...	29.71	54	52	SSH	4	c	4								

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

Weather fine and bright in many parts of our Islands, but dull in the south of England and rainy in the west of Scotland, Cloudy over the greater part of the Continent, with fog in many places, with rain over Central France, and with snow at St. Petersburg, but fine in Italy, Algeria, and the south of Spain. Steady rain falling later over England and France, as well as at many of the Scandinavian stations; lightning seen at Biarritz in evening.

Temperature fallen in most places, but risen over Norway, the Netherlands, and the southern parts of France. Morning readings, highest, 68° at Malta, 65° at Algiers, 64° at Alexandria, and 63° at Rhipman and Barcelona, above 55° over the Mediterranean and Adriatic generally, as well as in the west of France, and reaching that point at several of the English Channel stations. Lowest 13° at Archangel, 27° at Kuopio, 28° at Haparanda and 29° at Uleaborg. Rising during day to 55° or more in many parts of the United Kingdom, and to between 60° and 70° over southern Europe generally, and to between 70° and 80° in Algeria and Tunis.

Wind S over the whole of Western Europe, moderate in force in our Islands, but strong on the eastern shores of the North Sea with a gale at Skudesnaes. Light from the NE^w or N^w over Finland and the Baltic, and from the NW^w in Austria and Italy, variable in Germany, Spain, Algeria, and the south of France. Subsequently rising to the SW^w in many parts of our Islands and France; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards over eastern and southern Germany; high 30.1 ins. and upwards, over all the more central, southern, and eastern parts of Europe, with the Mediterranean and Algeria. Lowest 29.3 ins. and less, in a depression lying off the northwest of Scotland; gradients rather steep over our Islands and Scandinavia. Depression subsequently moving away in a northerly direction, but shallow secondary systems appearing 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. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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

DAILY WEATHER REPORT

for 8 a.m. on

Monday, 7th November,

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 ...	30.02	38	SW	4	0	29.88	- .14	38	37	+ 3	N	2	0	#	0	38	30	-	
	Hernösand ...	30.02	42	S	2	0	30.08	- .09	42	41	+ 1	S	2	0	#	0	43	37	0.12	
	Stockholm ...	30.16	43	S	6	0	30.18	- .04	45	43	- 2	SW	4	0	#	0	52	41	-	
	Wisby ...	30.18	44	S	2	0	30.21	- .05	46	44	- 2	S	4	0	#	0	52	41	-	
	Bodo ...	29.70	42	E	2	0	29.71	- .08	44	42	+ 2	S	3	0	#	0	45	39	0.20	
	Christiansund...	29.81	47	W	2	0	29.93	+ .12	45	43	- 2	S	1	0	3	0	50	39	0.04	
	Skudesnaes ...	29.92	49	Z	0	0	30.03	+ .11	46	45	- 1	Z	0	0	2	0	50	45	-	
	Christiania Fjord (Færdier)	29.94	48	S	3	0	30.03	+ .09	48	48	+ 1	Z	0	0	3	0	48	46	1.90	
	Skagen (The Scaw)	29.97	48	S	6	0	30.04	+ .10	47	46	- 1	S	4	0	3	0	54	46	0.20	
	Fanö ...	29.93	48	S	2	0	29.97	+ .08	46	46	+ 1	SE	4	0	#	0	48	45	0.20	
BRITISH ISLANDS.	Sumburgh Head	29.78	47	SW	2	0	29.98	+ .20	42	41	- 1	Z	0	0	2	0	50	41	0.04	
	Stornoway ...	29.82	48	W	4	0	30.03	+ .21	44	44	- 2	SW	3	0	#	0	52	37	0.06	
	Wick ...	29.88	40	NW	1	0	30.04	+ .16	38	37	- 1	N	1	0	0	0	50	35	-	
	Nairn ...	29.87	44	Z	0	0	30.06	+ .19	37	36	- 1	Z	0	0	0	0	53	34	-	
	Aberdeen ...	29.91	38	WNW	1	0	30.10	+ .19	33	32	- 1	WNW	2	0	0	0	49	32	-	
	Leith ...	29.89	47	SSW	1	0	30.13	+ .24	36	34	- 2	SW	1	0	#	0	48	33	-	
	Shields ...	29.88	45	NW	2	0	30.11	+ .23	43	41	- 2	WNW	2	0	0	0	47	39	0.54	
	Spurn Head ...	29.88	47	W	2	0	30.05	+ .17	44	44	- 2	WNW	4	0	0	0	50	43	0.02	
	York ...	29.91	47	NW	1	0	30.10	+ .19	39	39	- 2	W	1	0	#	0	48	36	0.02	
	Loughborough	29.95	46	SE	2	0	30.14	+ .19	34	34	- 2	WNW	1	0	#	0	55	31	0.01	
BRITISH ISLANDS.	Ardrossan ...	29.94	44	Z	0	0	30.12	+ .18	43	42	- 1	E	1	0	0	0	49	38	-	
	Malin Head ...	29.93	47	S	2	0	30.10	+ .17	45	44	- 1	S	2	0	0	0	50	43	0.04	
	Mullaghmore ...	29.95	45	Z	0	0	30.11	+ .16	47	45	- 2	SSW	1	0	0	0	53	43	0.01	
	Belmullet ...	29.97	45	S	1	0	30.11	+ .14	44	43	- 1	SE	1	0	#	0	53	38	-	
	Donaghadee ...	29.94	43	W	2	0	30.15	+ .21	35	35	- 2	W	3	0	0	0	49	29	-	
	Liverpool (Bidston)	29.95	46	W	2	0	30.14	+ .19	45	44	- 1	W	1	0	0	0	50	45	0.08	
	Holyhead ...	29.94	47	WNW	2	0	30.13	+ .18	42	42	- 2	Z	0	0	0	0	52	42	-	
	Parsonstown ...	29.96	48	Z	0	0	30.17	+ .21	39	38	- 1	Z	0	0	#	0	52	33	-	
	Valencia ...	30.03	50	WNW	5	0	30.19	+ .26	44	40	- 4	NNE	2	0	#	0	53	40	0.04	
	Roche's Point	29.97	50	WSW	1	0	30.17	+ .22	44	43	- 1	N	3	0	0	0	53	40	0.01	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.98	50	W	3	0	30.14	+ .17	41	41	- 2	NNE	2	0	0	0	52	41	-	
	Scilly ...	30.02	51	W	3	0	30.11	+ .18	51	50	- 1	WNW	4	0	0	0	54	46	0.02	
	Prawle Point ...	30.04	47	WNW	3	0	30.16	+ .23	46	44	- 2	NNE	2	0	0	0	53	41	-	
	Jersey (St. Aubin's)	30.04	50	WNW	2	0	30.16	+ .19	50	48	- 2	NW	3	0	0	0	53	39	0.10	
	Hurst Castle ...	30.01	49	WNW	2	0	30.16	+ .26	39	38	- 1	NNE	1	0	0	0	55	36	-	
	Dungeness ...	29.93	52	W	3	0	30.10	+ .17	38	38	- 2	NW	2	0	0	0	57	36	0.02	
	North Foreland ...	29.92	48	WNW	2	0	30.08	+ .16	42	41	- 1	NW	1	0	0	0	55	41	0.22	
	London ...	29.98	48	WNW	1	0	30.15	+ .17	35	35	- 2	Z	0	0	#	0	53	35	0.06	
	Oxford ...	30.02	44	WSW	1	0	30.15	+ .20	34	34	- 2	W	1	0	#	0	54	34	0.03	
	Cambridge ...	29.97	46	Z	0	0	30.15	+ .20	38	38	- 2	W	1	0	#	0	52	34	0.07	
GERMANY & HOLLAND.	Yarmouth ...	29.88	49	SSW	1	0	30.04	+ .18	42	42	- 2	WNW	2	0	0	0	50	38	0.07	
	Cuxhaven ...	29.91	45	SSE	1	0	30.07	+ .18	43	42	- 1	SE	2	0	#	0	50	42	0.50	
	Berlin ...	30.07	44	E	3	0	30.06	- .09	46	45	- 1	SE	2	0	#	0	48	40	-	
	Wiesbaden ...	30.08	45	SE	2	0	30.08	+ .04	46	45	- 1	NW	1	0	#	0	48	43	0.08	
	Munich ...	30.04	38	SW	2	0	30.10	- .04	43	43	- 2	W	1	0	#	0	43	35	0.24	
	The Helder ...	29.98	49	S	1	0	30.06	+ .17	46	46	- 2	S	1	0	#	0	54	45	-	
	Brussels (9 a.m.)	30.12	40	SSW	1	0	30.12	+ .18	40	40	- 2	SSW	1	0	#	0	56	39	-	
	Cape Gris Nez ...	29.92	52	W	4	0	30.04	+ .18	46	46	- 5	NNE	2	0	0	0	54	45	-	
	Paris ...	30.04	50	WNW	2	0	30.13	+ .13	41	41	- 8	S	1	0	#	0	59	37	-	
	Brest ...	30.04	51	W	3	0	30.13	+ .13	50	49	- 1	NW	1	0	0	0	57	46	0.12	
FRANCE AND BELGIUM.	Lorient ...	30.08	53	NW	4	0	30.16	+ .15	46	45	- 1	NNE	1	0	0	0	59	46	-	
	Rochefort ...	30.06	55	NW	4	0	30.14	+ .12	46	45	- 10	NNE	3	0	#	0	63	43	0.12	
	Belfort ...	30.06	51	W	3	0	30.14	+ .12	41	36	- 5	W	3	0	#	0	59	37	0.43	
	Lyons ...	30.04	54	Z	0	0	29.99	- .05	49	49	- 3	E	1	0	#	0	55	48	0.24	
	Nice ...	30.08	56	NW	2	0	30.09	+ .03	51	50	- 6	NW	1	0	#	0	60	50	-	
	Perpignan ...	30.11	56	SE	2	0	30.14	+ .03	50	47	- 6	SSW	3	0	0	0	61	46	0.63	
	Biarritz ...	30.11	56	SE	2	0	30.14	+ .03	50	47	- 6	SSW	3	0	0	0	61	46	0.63	
	Corunna ...	30.01	59	SW	3	0	30.10	- .09	55	51	- 4	NNE	4	0	#	0	63	54	0.55	
	Lisbon ...	30.01	59	SW	3	0	30.10	- .09	55	51	- 4	NNE	4	0	#	0	63	54	0.55	
	PENINSULA.	30.01	59	SW	3	0	30.10	- .09	55	51	- 4	NNE	4	0	#	0	63	54	0.55	

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, 7th Nov^r 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.

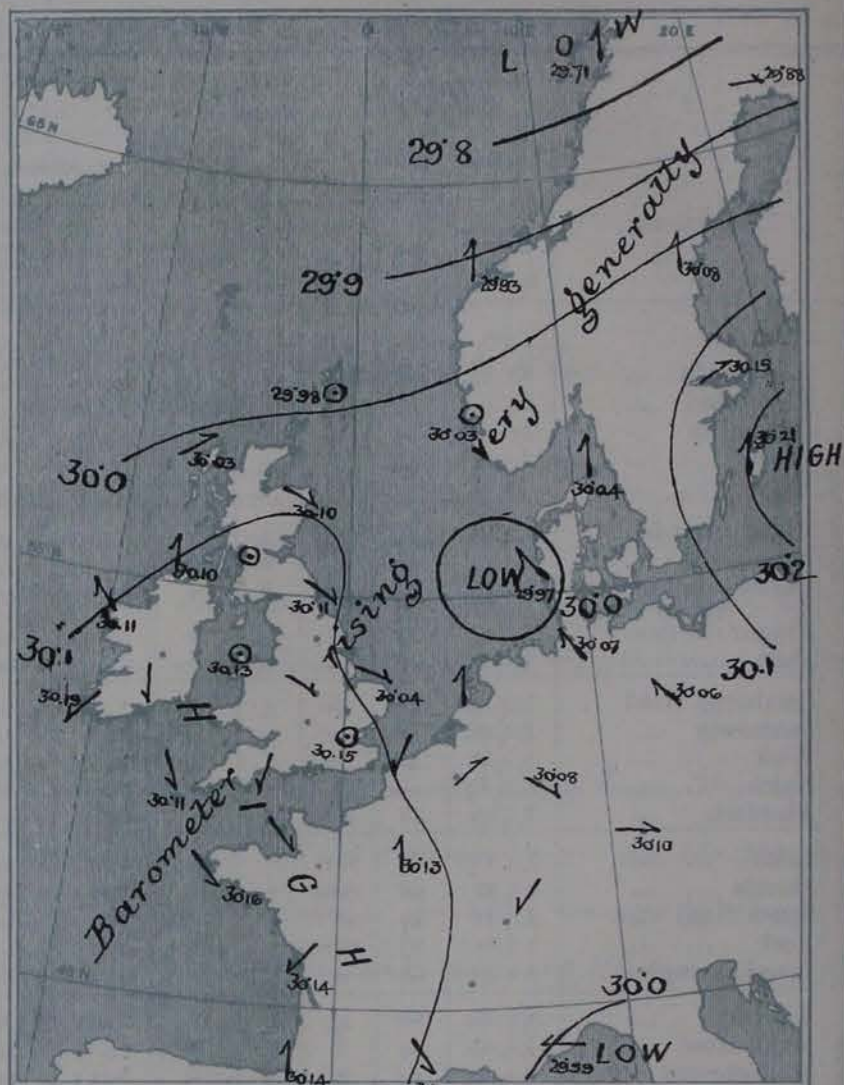
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.780
Shields	29.813
Spurn Head	29.843
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Silly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.6	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.3	39.6	42.5	40.7	2.90
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.04
Silly	62.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	5.30
Hurst Castle	50.3	40.6	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.0	35.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.05

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 to 30.0 in: in an anticyclone covering nearly the whole of western, southern, and central Europe; and apparently in another over the Baltic and Baltic Provinces.

Lowest, 29.7 in: over Lapland.

Gradients slight. Barometer rising throughout France and our Islands.

TEMPERATURE

Highest, (1) 55° at Lirio, 54° at Perpignan and also at Jilly; (2) 44° to 47° in the west and south of Norway.

Lowest, 34° to 39° over the inland parts of England, 29° at Barronstown, 33° to 38° over the greater part of Scotland, 38° at Hopavanda.

There has been a considerable fall over the United Kingdom during the night.

WIND

Extremely light and variable over the British Islands and their neighbourhood, but mainly N³ in the south, and S³ in the northwest. Calms are reported in several places.

WEATHER

Fine in most places, but very foggy in London and at some other stations, both in our Islands and the Netherlands. At our extreme northwestern stations, in several parts of Scandinavia, and in the southeast of France rain has fallen. A considerable fall of rain occurred at Shields yesterday.

SEA

Moderate in the Munch and on our extreme southwestern coasts, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone seems to be still spreading so that quiet foggy weather with bright intervals seems likely to continue.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

Calms and Variable airs; fine generally, hazy.

Calms and Variable airs; thick local fogs, cold at night.

DISTRICTS.

FORECASTS.

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

Very light breezes; fine generally, but fog or haze in places.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.87	50	49	SS E	2	r	4	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.76	51	49	SW	2	bc	3	Jersey ...	30.01	52	49	W	3	c	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.89	57	54	W	4	bc	3
Ardrossan ...								North Foreland ...	29.86	51	50	W	2	r	2
Malin Head ...	29.85	50	47	W	3	b	2	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.88	53	50	SW	2	bc	2	Rochefort ...	30.06	60	57	W	3	U	#
Holyhead ...	29.90	50	47	W	2	bc	2								

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

Weather fine in Ireland, Scotland and the southwest of England, but showery over our southern counties and foggy in some parts of the north and east of England. Cloudy over the greater part of the Continent with fog at several of the German, Austrian and South Russian Stations, and with rain in the south of France and many parts of Scandinavia. Fine and bright over the Adriatic, Italy, Algeria and the south of Spain. Showers falling during day in many parts of the United Kingdom but sky clearing over England in afternoon.

Temperature risen a little over northern Europe, but fallen elsewhere. Morning readings highest 66° at Malta, 65° at Algiers, 64° at Genoa, and 62° at La Caille; above 55° at most of the Mediterranean Stations, as well as on the coasts of Spain and the west coast of France. Lowest 16° at Archangel, 30° at Uleaborg and Kuopio, 31° at St. Petersburg, and 33° at Moscow. Rising during day to 50° or more in nearly all parts of the United Kingdom and reaching 59° at Ardrossan. Slightly exceeding 60° in the west and south of France.

Wind light from between W. and S. over the greater part of our Islands; moderate to strong from the S. or S.E. over N. Germany and the eastern shores of the North Sea; moderate from S. or S.W. over Sweden and Finland, variable over Austria and S. Germany, light from N.E. over central and S. Russia and from the N. in Italy. S. in Spain and Algeria, N.W. in the west of France. No important change occurring during day.

Barometer highest 30.3 ins. to 30.4 ins. and upwards in an anticyclone covering the whole of Russia; 30.2 ins. and upwards in another system lying over Spain. Lowest 29.7 ins. and less in a large shallow depression lying to the N. of the United Kingdom; secondary disturbances reported over various parts of our Islands and the North Sea. Steady rise taking place over N. Europe during day but barometer falling rather decidedly in Portugal.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 30TH OCT. TO 5TH NOV. 1892.

At the commencement of this week the complex pressure distribution which had caused such heavy rains in the south and southeast of England was breaking up and on Tuesday an anticyclonic system had spread over the Kingdom from the W. bringing with it fair but foggy weather and low temperatures, especially inland.

This system, however in its turn, moved quickly to the eastward and a wet, cyclonic wind from the southward spread quickly over our Islands and their neighbourhood, bringing with it a great rise of temperature, close relaxing air and very general rain. The wind at times rose to a gale in the west and north, and blew strongly in most places, but at the close of the week this S. current was losing its strength and a return to quieter, colder weather was evidently approaching.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY 8th NOVEMBER. 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).	Weather.	Shade Temp.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.			Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.				Wet Bulb.	Change in dry since Yesterday.		Dirce.	Force (0 to 12).
Ins.		°				Ins.	°	°	°							°	Ins.			
SCANDINAVIA.	Haparanda ...	30.02	36	SW	2	bc	30.06	+18	33	32	-5	2	0	b	bc	?	?	—		
	Hernösand ...	30.18	43	2	0	0	30.22	+14	33	33	-9	2	0	f	0	43	2	—		
	Stockholm ...	30.25	44	SW	2	0	30.25	+11	44	43	-1	2	0	f	0	53	41	—		
	Wisby ...	30.28	45	SW	4	7	30.34	+13	46	45	0	SW	4	0	7	48	41	0.04		
	Bodo ...	29.88	44	SW	6	0	29.86	+15	41	39	-2	E	2	7	0	46	37	0.16		
	Christiansund...	30.26	46	WNW	2	0	30.26	-07	47	41	+2	ENE	4	0	3	48	41	—		
	Skudesnaes ...	30.16	46	SE	2	0	30.17	+14	48	46	+2	SE	6	7	3	48	45	—		
	Christiania Fjord (Frier)	30.17	48	SW	2	m	30.22	+19	48	47	0	SW	3	0	1	48	45	0.20		
	Skagen (The Scaw)	30.21	48	SE	2	0	30.26	+22	48	46	+1	SW	2	0	1	48	45	—		
	Fanø ...	30.20	45	SE	1	0	30.32	+35	46	46	0	SE	1	0	0	46	45	0.04		
BRITISH ISLANDS.	Sumburgh Head	30.00	46	SW	3	c	29.95	-23	46	46	+4	SW	6	7	6	45	42	0.16		
	Stornoway ...	29.86	47	SW	6	0	29.68	-33	53	53	+6	SW	8	7	6	50	40	0.10		
	Wick ...	30.00	43	S	2	b	29.95	-25	45	48	+11	SW	4	7	4	50	37	0.08		
	Nairn ...	29.96	44	SE	1	b	29.95	-31	32	45	+15	W	3	0	1	52	35	0.04		
	Aberdeen ...	30.10	41	SW	2	b	29.92	-18	46	44	+13	S	6	oggy	5	47	33	—		
	Leith ...	30.14	40	SW	1	b	30.02	-11	49	47	+13	SW	2	7	2	49	32	0.07		
	Shields ...	30.16	40	2	0	f	30.14	+23	42	40	-1	SW	3	2	2	45	37	—		
	Spurn Head ...	30.15	47	WNW	1	oggy	30.27	+22	33	33	-5	S	2	f	7.03gm	47	38	0.01		
	York ...	30.20	46	WNW	1	0	30.24	+14	36	36	-3	SE	1	f	2	47	35	—		
	Loughborough	30.20	43	WNW	1	c	30.30	+16	33	33	-1	SE	1	bc	2	50	32	—		
GERMANY & HOLLAND.	Ardrossan ...	30.11	48	SW	3	bc	29.95	-13	49	48	+6	SW	5	rm	4	50	42	0.25		
	Malin Head ...	29.99	45	S	5	0	29.81	-23	48	47	+3	S	6	0	3	48	43	0.15		
	Mullaghmore ...	30.02	48	S	5	oggy	29.88	-23	51	53	+4	S	6	0	5	51	44	0.52		
	Belmullet ...	29.97	43	S	6	7	29.88	+23	51	51	+7	S	3	od	2	52	42	0.40		
	Donaghadee ...	30.15	43	WNW	2	f	30.04	-11	48	48	+13	WNW	6	7	4	48	35	0.26		
	Liverpool (Bidston)	30.21	46	WNW	1	b	30.22	+08	40	38	-5	SE	3	0	3	49	38	—		
	Holyhead ...	30.19	47	SW	1	c	30.15	+02	49	48	+7	SW	4	rm	4	52	42	0.04		
	Parsonstown ...	30.11	44	2	0	0	30.05	-12	45	45	+10	SE	1	7	0	50	37	0.07		
	Valencia ...	30.13	50	ENE	3	rm	30.06	-13	52	52	+11	SE	4	7	4	52	40	0.36		
	Roche's Point	30.17	47	SW	3	0	30.12	-05	52	52	+8	SW	5	7	4	52	44	0.20		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.21	48	S	1	b	30.21	+07	51	50	+10	S	4	cg	4	52	41	—		
	Scilly ...	30.18	50	E	1	bc	30.20	+09	52	48	+1	SE	4	cg	3	52	47	—		
	Prawle Point ...	30.19	46	E	3	bc	30.27	+11	51	48	+5	SE	3	bc	2	56	45	—		
	Jersey (St. Aubin's)	30.21	47	NE	2	bm	30.31	+15	40	33	-10	SW	1	bm	1	57	38	0.01		
	Hurst Castle ...	30.23	43	E	2	bm	30.32	+16	40	40	+1	E	2	mev	1	51	37	0.01		
	Dungeness ...	30.18	46	WNW	2	m	30.33	+23	46	46	+8	E	2	m	1	51	36	—		
	North Foreland	30.20	44	WNW	1	f	30.33	+25	43	43	+1	S	1	ow	2	48	37	—		
	London ...	30.23	43	2	0	f	30.34	+19	32	32	-3	2	0	f	2	50	32	—		
	Oxford ...	30.26	33	2	0	b	30.34	+19	28	28	-6	2	0	f	2	52	28	—		
	Cambridge ...	30.33	41	2	0	0	30.34	+19	34	34	-4	2	0	f	2	45	32	—		
PENINSULA.	Yarmouth ...	30.15	44	W	1	f	30.31	+23	36	35	-6	W	2	f	2	45	35	0.01		
	Cuxhaven ...	30.10	46	SE	1	7	30.28	+21	48	47	+5	2	0	f	2	49	43	0.04		
	Berlin ...	30.21	45	SE	1	c	30.36	+30	45	44	-1	SW	1	0	c	48	41	—		
	Wiesbaden ...	30.21	44	SE	1	0	30.35	+27	45	44	-1	WNW	1	0	c	52	41	—		
	Munich ...	30.21	44	NE	3	0	30.34	+24	41	41	-2	E	4	f	0	46	38	0.04		
	The Helder ...	30.24	49	WNW	1	b	30.33	+23	38	37	-1	S	1	0	0	52	37	—		
	Brussels (5 a.m.)	30.15	44	NE	1	m	30.37	+23	40	40	0	WNW	1	f	2	46	37	—		
	Cape Gris Nez	30.22	47	ENE	2	0	30.32	+19	43	42	+2	N	2	0	0	52	41	0.16		
	Paris ...	30.22	47	ENE	2	0	30.32	+19	43	42	+2	N	2	0	0	52	41	0.20		
	Brest ...	30.22	47	ENE	2	0	30.32	+19	43	42	+2	N	2	0	0	52	41	0.04		
FRANCE AND BELGIUM.	Lorient ...	30.15	50	SE	2	c	30.25	+09	44	43	-2	E	3	b	4	57	44	—		
	Rochefort ...	30.14	57	N	3	b	30.19	+05	44	43	-2	E	3	b	4	57	43	—		
	Belfort ...	30.14	57	E	3	7	30.19	+05	46	41	+5	E	5	c	2	58	41	0.16		
	Lyons ...	30.17	46	N	1	0	30.24	+07	47	45	-2	WNW	1	0	0	54	44	—		
	Nice ...	30.06	52	2	0	0	30.15	+16	53	48	+4	NE	2	bc	4	53	48	0.04		
	Perpignan ...	30.13	52	WNW	3	0	30.15	+06	48	44	-3	W	2	7	0	61	47	0.04		
	Biarritz ...	30.16	49	SE	4	c	30.13	-01	44	42	-6	ENE	3	b	2	57	41	0.12		
	Corunna ...	30.07	56	N	5	bc	30.04	-06	53	46	-2	NE	5	b	2	63	50	—		
	Lisbon ...	30.07	56	N	5	bc	30.04	-06	53	46	-2	NE	5	b	2	63	50	—		

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, 8th Nov^r 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

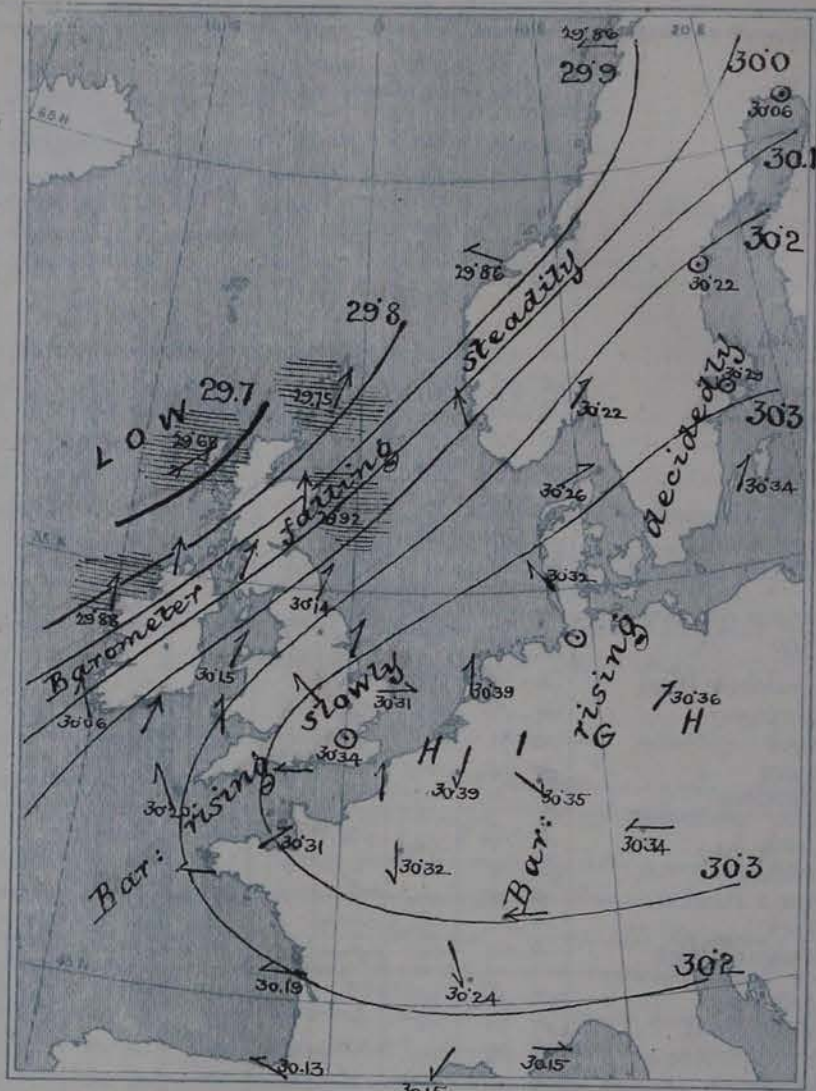
at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.861
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards in an anticyclone covering Denmark, Germany, the Baltic, the Netherlands, the southeast of England, and the northeast of France.
Lowest, 29.7 in. and less, in a depression lying off the northwest of Scotland.

Gradients rather steep over Ireland, Scotland, and the northern parts of the North Sea, but slight elsewhere.

Barometer falling in the west and north of our Islands and also in the west of Norway, but rising in all other parts of Western Europe.

TEMPERATURE

Highest, 53° at Nice and Lisbon, 48° at Perpignan and 47° at Lyons; (2) 52° at Kairi, Valencia Island, Rochefort and Seilly.

Lowest, (1) 28° at Oxford, 32° in London and 33° at Loughborough; (2) 33° at Haparanda and Hemse.

Frost occurred last night over the inland parts of England.

WIND

Strong from the S^W or S^Wnd on our extreme north and northwest coasts, with a gale in the Hebrides.

Light from the End over the Channel and Bay of Biscay and moderate from the S^End on our southwest coasts.

Calm or light and variable over Sweden, Germany, the Netherlands, and the southeast of England; S^E³ in the west of Norway.

WEATHER

Dull and rainy over Ireland, Scotland, North Wales, and the west of Norway.

Foggy over the eastern and central parts of England, as well as at Brussels and Munich.

Dull in Sweden, Denmark, Germany, with rain at Copenhagen; fine in the west of France.

Rain fell yesterday at several of the French stations. A solar halo was seen at Mullaghmore, and a lunar halo at Aberdeen.

SEA

Rough off the north of Scotland, and rather rough at Mullaghmore, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Further depressions are likely to travel along our western and northern coasts, and rough unsettled weather will probably continue for a time in Ireland and Scotland. Squalls are likely to spread over England, with a decided rise of temperature.

FORECASTS

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

DISTRICTS.		FORECASTS.		DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH		<i>S^W and S^W strong winds and gales; squally, rainy.</i>	6	SCOTLAND WEST	Same as N° 1.	
1	SCOTLAND EAST		<i>S^W winds, increasing in force; unsettled, rain at times.</i>	7	ENGLAND N.W.	}	<i>S^W winds, freshening considerably; cloudy, unsettled, some rain.</i>
2	ENGLAND N.E.		<i>S^W winds, freshening; fair to dull and some rain.</i>	8	ENGLAND S.W.		
3	ENGLAND EAST	}	<i>Variable breezes, finally S^E, fair at first, unsettled later, probably some rain. Becoming milder.</i>	9	IRELAND NORTH	}	<i>S^W winds, increasing to a gale; squally, rainy.</i>
4	MIDLAND COUNTIES			10	IRELAND SOUTH		
5	ENGLAND SOUTH			WARNINGS		At 7.10 pm yesterday to Districts 0, 6, 10, and parts of 1 and 9 "Hoist South Cone."	

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.		THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.							Dry.	Wet.	Dirac.			
Skudeanaes ...	30.11	45	48	2	0	af	2	Valencia ...	30.14	51	53	5	5	af	3	3
Bambergh Head ...	30.22	47	48	SW	1	b	2	Scilly ...	30.15	52	53	NNE	2	b	3	3
Stornoway ...	29.93	46	47	SW	4	c	4	Jersey ...	30.17	52	49	NNE	4	b	3	3
Aberdeen ...	30.13	45	42	SW	2	b	2	Hurst Castle ...	30.17	53	48	ENE	1	b	1	1
Shields ...	30.13	44	45	NW	2	c	2	Dungeness ...	30.13	51	48	NW	2	b	1	1
Ardrossan ...	30.11	45	44	SW	2	b	1	North Foreland ...	30.17	44	47	NW	1	b	2	2
Malin Head ...	30.05	45	44	S	4	o	2	London ...	30.16	53	46	2	o	b	2	2
Mullaghmore ...	30.07	46	44	SW	4	cm	2	Yarmouth ...	30.10	45	44	SW	2	b	2	2
Belmullet ...	30.04	45	48	S	4	o	2	Rocheport ...	30.15	52	51	SW	2	b	2	2
Holyhead ...	30.16	45	48	SW	1	b	1									

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

Weather in morning (1) fine over the greater part of the United Kingdom and Western Europe, but foggy in many places, and raining in the extreme northwest of Ireland and Scotland on the one hand, and over the southwest and southeast of France and south Germany on the other; (2) unsettled over Ireland and Northern Russia, with rain or snow in most places; (3) dull over southeastern Europe, with rain in places. A little rain later over France and the Channel, and a fresh fall setting in over Scotland and Ireland; thick wet fog in London and its neighbourhood, but clearing temporarily in some localities.

Temperature fallen greatly over our islands and considerably over northwestern Europe generally. Morning readings (55° to 67°) over the southern shores of the Mediterranean, and exceeding 50° in most parts of Southern Europe as well as at Seilly and Jersey. Lowest (1) 28° at Archangel and Moscow, 34° at St. Petersburg; (2) 34° at York and Oxford, 35° in London, 39° at Barrington, 41° at Paris. Rising to 50° and more in the western parts of our islands and France during day and touching 61° at Perpignan. Successive night cold inland.

Wind (1) S over the Baltic and Scandinavia, SE over Central Europe, and NE in the south of Russia; (2) extremely variable and very light over the British Islands and Western Europe, but mainly S at the northern stations, and N to NE in the south. S breezes becoming general in Scotland and Ireland later and freshening in the extreme west of both countries.

Barometer highest (1) 30.5 ins. and more to 30.1 ins. over Russia, the Baltic, Poland and Austria-Hungary; (2) 30.2 ins. and more to 30.1 ins. in another high-pressure system spreading from the Atlantic over Western Europe. Lowest, (1) 29.8 ins. and less over the north of Scandinavia, and (2) 30.0 ins. and less, over the central parts of the Mediterranean. Falling in Ireland and Scotland later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 9th November, 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 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.
		Ina.	°				Ina.	°	°	°						°	Ina.			
SCANDINAVIA.	Haparanda ...	29.88	37	SW	6	0	29.69	- 37	39	39	+ 6	SW	4	0	#	0	30	-		
	Hernösand ...	29.98	42	S	2	bc	29.86	- 36	44	41	+ 11	SW	4	bc	#	bc	30	-		
	Stockholm ...	30.36	45	SW	2	0	30.18	- 11	45	42	+ 1	SW	2	c	#	50	41	-		
	Wisby ...	30.36	46	SSW	4	0	30.36	+ 02	46	45	0	SW	4	0	#	52	43	-		
	Bodö ...	29.54	48	SW	8	7	29.40	- 46	48	47	+ 7	SW	9	7	6	48	39	0.12		
	Christiansund...	29.65	58	SW	5	0	29.70	- 16	51	47	+ 4	SW	4	7	5	54	46	-		
	Skudesnaes ...	30.07	49	S	9	0	30.04	- 13	48	48	0	SSW	8	7	6	50	46	-		
	Christiania Fjord (Frerder)	30.19	49	SSW	4	0	30.16	- 06	48	46	0	SW	5	0	4	49	46	-		
	Skagen (The Scaw)	30.27	48	SW	4	m	30.28	+ 02	46	44	- 2	SW	5	0	3	m	50	45	-	
	Fanö ...	30.34	46	SW	4	c	30.32	- 00	46	45	0	SW	3	c	#	c	50	45	-	
BRITISH ISLANDS.	Sumburgh Head	29.61	48	SSW	4	7	29.75	- 00	49	49	+ 3	W	1	7	3	7	51	46	0.55	
	Stornoway ...	29.60	52	SW	7	7	29.80	+ 12	41	41	- 9	W	2	6	4	7	53	40	0.80	
	Wick ...	29.71	50	SW	4	0	29.80	+ 05	48	46	- 1	W	0	4	2	0	51	46	0.50	
	Nairn ...	29.70	56	SW	3	bc	29.80	+ 05	51	50	- 1	W	0	4	1	bc	54	50	0.06	
	Aberdeen ...	29.85	49	S	8	cqu	29.88	- 04	49	48	+ 3	SSW	3	og	5	794	51	46	0.06	
	Leith ...	29.94	49	SW	2	c	29.89	- 13	52	49	+ 3	SW	2	0	#	c	53	45	0.05	
	Shields ...	30.09	47	SSW	3	0	30.04	- 10	45	44	+ 3	S	4	0	2	0	48	39	-	
	Spurn Head ...	30.23	43	SSW	5	f	30.18	- 09	43	43	+ 4	S	4	om	3	c f	47	38	-	
	York ...	30.20	47	S	2	0	30.14	- 10	42	41	+ 6	SSW	2	0	#	0	48	34	-	
	Loughborough	30.27	45	SE	2	0	30.20	- 10	41	40	+ 8	SSW	2	cmw	#	0	53	33	-	
GERMANY & HOLLAND.	Ardrossan ...	29.94	51	SSW	5	0	?	?	51	50	+ 2	SSW	5	7	4	7.0	51	48	0.31	
	Malin Head ...	29.82	52	S	7	or	29.89	+ 08	48	48	0	NW	1	om	2	0.7	53	39	0.12	
	Mullaghmore ...	29.87	53	SSW	5	0	29.91	+ 03	50	49	- 1	NW	2	od	3	omp	54	49	0.18	
	Belmullet ...	29.85	51	S	4	od	29.96	+ 08	49	48	- 2	NW	2	0	#	7.2	53	48	0.39	
	Donaghadee ...	30.00	50	SSW	6	0	29.93	- 11	51	51	+ 3	NW	6	7	4	0	51	48	0.16	
	Liverpool (Bldston)	30.19	46	SSW	2	0	30.11	- 11	45	43	+ 5	SE	3	c	3	0	48	40	-	
	Holyhead ...	30.11	51	SSW	5	ogq	30.05	- 10	50	49	+ 1	S	5	ogm	5	ogm	52	49	0.08	
	Parsonstown ...	30.01	51	SE	1	7	29.95	- 10	52	51	+ 3	SE	1	of	#	0.7	53	48	0.07	
	Valencia ...	30.02	53	S	3	7m	29.99	- 07	52	52	0	W	0	7f	1	am	54	52	0.41	
	Roche's Point	30.07	52	S	5	7m	30.01	- 11	52	52	0	SSW	5	7	4	m7	52	50	0.15	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.17	52	S	5	c	30.11	- 10	52	51	+ 1	SSW	4	c	4	c	52	50	-	
	Scilly ...	30.16	53	S	4	c	30.12	- 08	53	50	+ 1	SSW	4	c	3	0.c	53	48	-	
	Prawle Point ...	30.25	50	SSW	3	bc	30.18	- 09	47	46	- 4	SSW	3	c	2	bc	54	45	-	
	Jersey (St. Aubin's)	30.29	47	ESW	2	ogm	30.20	- 11	48	47	+ 8	E	3	om	3	bc,ogm	52	40	-	
	Hurst Castle ...	30.30	46	SE	3	c	30.22	- 10	50	50	+ 10	SSW	1	om	0	bc,m,c	53	40	-	
	Dungeness ...	30.30	46	E	1	m	30.23	- 10	47	46	+ 1	SSW	3	m	1	om	48	44	-	
	North Foreland	30.31	46	SE	2	of	30.24	- 09	47	46	+ 4	SE	2	0	3	0.f	47	41	-	
	London ...	30.32	44	SSW	1	0	30.24	- 10	45	44	+ 13	SE	2	ogm	#	f,bc,0	47	32	0.01	
	Oxford ...	30.30	39	S	1	f	30.22	- 12	44	43	+ 16	S	1	0	#	f,c	44	28	-	
	Cambridge ...	30.31	41	W	0	0	30.25	- 09	44	44	+ 10	SSW	1	0	#	0	44	32	-	
PENINSULA.	Yarmouth ...	30.31	44	SW	2	bc	30.24	- 07	43	42	+ 7	SW	2	6f	2	f,bcf	44	34	-	
	Cuxhaven ...	30.38	45	W	0	f	30.31	+ 03	46	45	- 2	S	2	f	#	f	49	44	-	
	Berlin ...	30.43	48	NW	2	0	30.41	+ 05	39	38	- 6	E	3	0	#	0	50	36	-	
	Wiesbaden ...	30.32	45	W	0	0	30.32	- 03	45	43	0	NW	2	0	#	0	50	41	-	
	Munich ...	30.37	46	E	4	0	30.34	- 00	37	37	- 4	SE	4	0	#	0	45	36	-	
	The Helder ...	30.40	41	SSW	1	f	30.33	- 06	40	40	+ 2	SE	1	f	1	f	48	37	-	
	Brussels (p.m.)	30.28	43	E	1	m	30.28	- 11	43	43	+ 3	E	1	f	#	f	46	39	-	
	Cape Gris Nez	30.27	40	E	1	m	30.20	- 08	42	42	- 2	E	1	m	0	m	45	37	-	
	Paris ...	30.30	49	NE	2	0	30.24	- 08	44	43	+ 1	ENE	1	0	#	0	51	42	-	
	Brest ...	30.24	52	ENE	2	c	30.16	- 09	42	42	- 4	E	2	c	3	c	57	37	-	
FRANCE AND BELGIUM.	Lorient ...	30.24	50	E	3	bc	30.16	- 09	46	45	+ 2	ENE	3	0	2	bc	54	44	-	
	Rochefort ...	30.16	47	E	4	0	30.08	- 11	51	50	+ 7	ENE	3	0	#	0	52	40	-	
	Belfort ...	30.16	45	E	4	0	30.08	- 11	46	42	0	E	2	bc	#	0	60	36	-	
	Lyons ...	30.28	47	E	1	0	30.26	+ 02	43	43	- 4	N	1	0	#	0	52	?	-	
	Nice ...	30.22	51	E	2	bc	30.22	+ 07	56	50	+ 3	E	4	0	3	bc	61	53	-	
	Perpignan ...	30.11	50	W	1	7	30.03	- 12	59	58	+ 11	E	5	0	#	7	47	2.33	-	
	Biarritz ...	30.10	47	ENE	3	7	30.06	- 07	46	45	+ 2	ENE	3	m	3	7	68	44	0.08	
	Corunna ...	29.91	53	N	4	6	29.96	- 08	51	46	- 2	NNE	4	6	#	6	61	48	-	
	Lisbon ...	29.91	53	N	4	6	29.96	- 08	51	46	- 2	NNE	4	6	#	6	61	48	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday 9th Nov. 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.

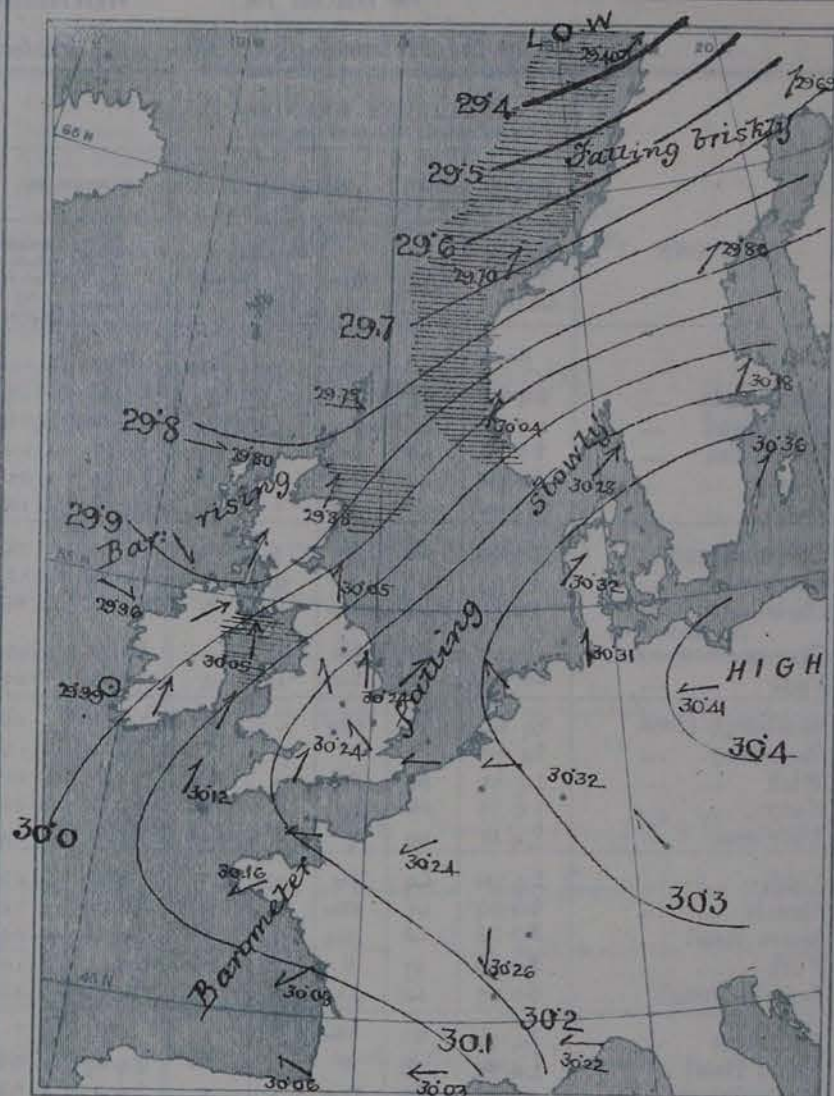
WIND—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus—
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:
 ▨ = Rough. ▩ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
	INCH.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

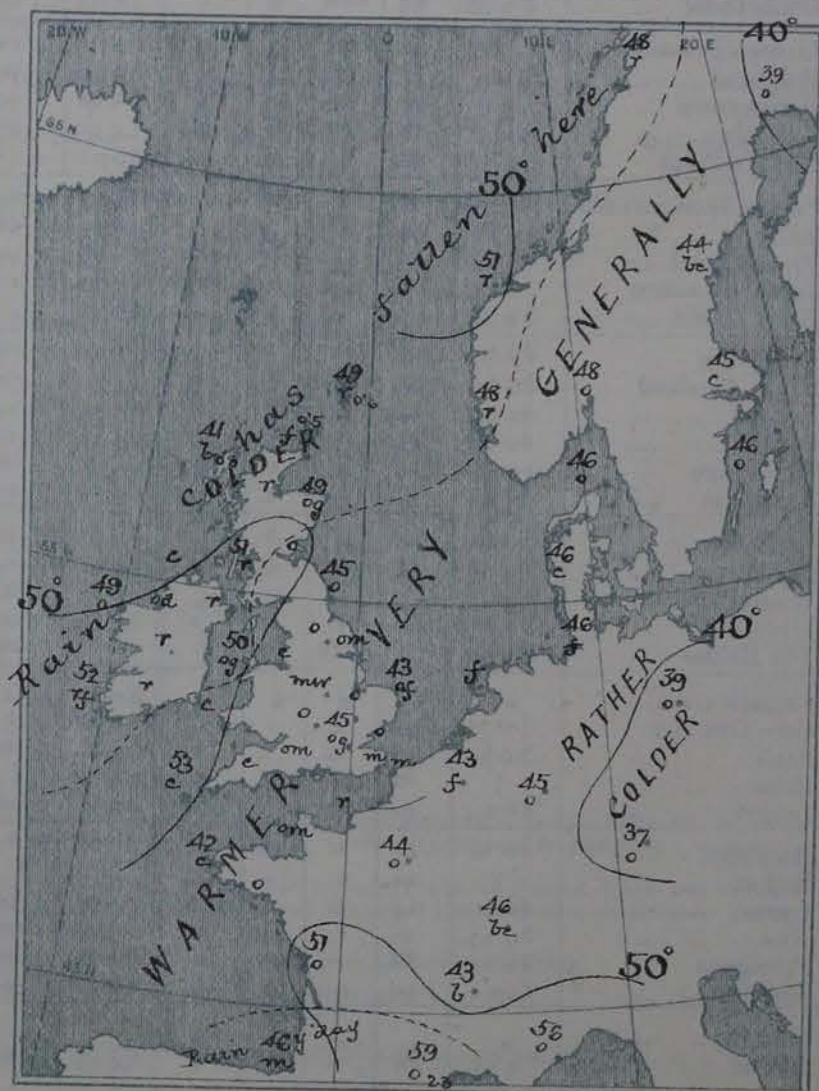
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL. Inches.
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.29
Aberdeen.....	46.2	36.5	40.5	38.7	3.14
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.4	40.6	39.3	2.19
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.8	3.88
Mullaghmore.....	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.96
Parsonstown.....	49.1	37.1	41.9	40.2	2.83
Valencia.....	52.3	43.0	47.4	45.5	5.42
Roche's Point.....	51.1	42.0	46.1	44.5	1.02
Pembroke.....	50.1	43.8	46.0	45.1	4.04
Scilly.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.20
Jersey.....	51.9	44.1	47.7	45.8	4.30
Hurst Castle.....	50.5	40.6	44.9	44.0	3.01
Dover.....	49.3	40.6	44.3	42.8	3.48
LONDON.....	49.3	38.0	42.2	40.8	2.28
Oxford.....	48.2	37.6	41.2	40.0	2.31
Cambridge.....	48.6	35.8	40.7	39.9	2.01
Yarmouth.....	47.0	39.0	43.1	42.0	3.06

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 covering Germany, the Baltic, and the southern parts of Denmark and Sweden.
 Lowest, 29.4 in. and less, in a depression lying off the northwest of Norway.
 Gradients rather steep over Scandinavia and the North Sea, but slight elsewhere.
 Barometer falling generally, but rising again on our extreme north and northwest coasts.

TEMPERATURE

Highest, (1) 59° at Perpignan, 56° at Nice, and 51° at Rochefort and Lisbon.
 (2) 53° at Seilly, and 52° at Leith, Ramonston, Valence Island, and Pembroke.
 Lowest, (1) 37° at Munich, and 39° at Berlin; (2) 39° at Hopamunda and 44° at Hernösand; (3) 41° at Loughborough.
 The highest maxima registered over our Islands yesterday were 57° at Kairi, and 54° at Valence Island, Mullaghmore, and Poughke.

WIND

Light or moderate from the E. in France, and from the S.E. over the central and southeastern parts of England.
 Moderate to fresh from the S. in most parts of our Islands, but light from W. on our extreme north and northwest coasts.
 S.W. in Scandinavia and Denmark with a gale in the west of Norway.

WEATHER

Dull over the greater part of Western Europe, with fog over the Netherlands and North Germany, and with rain in Ireland, Scotland, and the west of Norway.
 The largest amounts of rain reported over our Islands this morning are 0.8 in. at Portmoy, 0.6 in. at Lumburgh, and 0.5 in. at Wick. At Perpignan there has been as much as 2.3 in.

SEA

Moderate to smooth generally, but rough off the west of Norway, and rather rough at Aberdeen and at Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of the advance of any new depression, but the anticyclone to the eastward of our Islands is gradually giving way, and the conditions over Western Europe generally are becoming very unsettled.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

Light breezes, chiefly S.W.^{ly}, unsettled, rain at times.
 Same as N° 5.
 S.E.^{ly} and S.^{ly} winds, light or moderate, cloudy, probably some rain.

DISTRICTS.

FORECASTS.

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

Same as N° 0 and 1.
 Same as N° 5.
 W.^{ly} to S.^{ly} winds, light or moderate, changeable, some rain.
 At 10.20 am to districts 0, 6, 10, and parts of 1 and 9 "Lower Cone".

WARNINGS

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.13	50	47	S	8	0	4	Valencia ...	30.02	54	54	SSW	3	o m d	4
Sumburgh Head	29.67	48	48	S	4	7	6	Scilly ...	30.19	53	50	SSW	5	o	3
Stornoway ...	29.60	51	51	SW	7	7	6	Jersey ...	30.27	49	47	ESE	2	c	2
Aberdeen ...	29.86	49	47	S	5	orgap	5	Hurst Castle ...	30.31	50	49	SSW	2	b. m	1
Shields ...	30.10	48	45	S	8	0	2	Dungeness ...	30.31	47	46	E	2	o	1
Ardrossan ...	29.94	49	49	SSW	6	7	6	North Foreland ...	30.31	46	45	SE	2	o	3
Malin Head ...	29.79	52	51	S	7	0	3	London ...	30.31	47	46	W	0	fg	*
Mullaghmore ...	29.87	54	52	S	6	omp	4	Yarmouth ...	30.31	43	42	SW	2	f	2
Belmullet ...	29.86	53	52	SSW	5	7	*	Rochefort ...	30.18	47	46	E	4	o	*
Holyhead ...	30.11	51	49	SSW	5	ogm	5								

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

Weather in morning very foggy over the midland and eastern parts of England, the north of France, the Netherlands, Germany, and some parts of Russia; fine and bright on the Portuguese and Spanish coasts and in the west of France, dull and rainy in the west and north of the British Isles as well as at Rost and in the north of Russia. Rainfall considerable in the Fietlands and Hebrides, and heavy in the southwest of France (2.33 ins. at Perpignan); fog clearing over England during day.

Temperature risen considerably in the west and north of the British Islands, but continuing low elsewhere. Highest 60° to 68° on the southern shores of the Mediterranean and exceeding 50° over Italy, the south of France, and the western parts of the United Kingdom. Lowest (1) 27° at Moscow, 33° at Skvissand and Naparanda, 35° at St. Petersburg and Archangel; (2) 28° at Oxford, 32° in London, 34° at Cambridge, 36° at York. Rising to 50° and more over the western and northern parts of our islands later, and to between 60° and 68° in the south and southwest of France. Succeeding night mild over the British Islands generally.

Wind mainly E³ over the southern countries of Europe and the Bay of Biscay, S², moderate to strong on our western coast, SW⁴ in Scotland (a gale in the Hebrides) and SE⁴ to E⁴ in Norway. Anticyclonic air over Russia. S⁴ gale extending to Aberdeen and the west of Norway later, little change elsewhere.

Barometer highest 30.6 ins. and more to 30.4 ins. over Central Russia, Poland, and Hungary, and exceeding 30.2 ins. over the Baltic, Denmark, Germany, and the greater part of France and England. Lowest 29.7 ins. and less, in the Hebrides and northwest of Scotland; 29.9 ins. and less, over Morocco and Algeria; gradients somewhat steep in Ireland and Scotland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 10th November, 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.	
		Ina.	°				Ina.	°	°	°						°	Ina.				
SCANDINAVIA.	Haparanda ...	29.78	?	SW	4	b	29.75	+0.06	39	39	0	SSW	2	f	#	b	39	32	-		
	Hernösand ...	29.93	42	S	2	bc	29.95	+0.09	41	39	-3	S	4	bc	#	bc	45	36	-		
	Stockholm ...	30.20	39	WSW	2	b	30.23	+0.05	44	41	-1	SW	2	o	#	b	50	39	-		
	Wisby ...	30.32	44	WSW	6	c	30.32	-0.04	44	43	-2	S	4	o	#	c	48	41	-		
	Bodö ...	29.64	45	WSW	7	c	29.61	+0.21	43	41	-5	SW	6	o	3	c	48	39	0.04		
	Christiansund...	29.76	48	SW	1	r	29.84	+0.14	46	42	-5	WSW	3	c	4	r	51	43	0.24		
	Skudesnaes ...	30.00	48	S	9	o	30.01	-0.03	49	48	+1	S	6	r	5	f.o	49	46	-		
	Christiania Fjord (Fjorder)	30.20	49	SSW	6	o	30.11	-0.05	48	47	0	SSW	4	m	4	o	49	46	-		
	Skagen (The Seaw)	30.19	44	WSW	6	c	30.17	-0.11	47	45	+1	SW	2	o	1	o	48	44	-		
	Fanö ...	30.32	44	SE	4	o	30.48	-0.14	44	44	-2	SSE	2	c	#	o	46	41	-		
ISLANDS.	Sumburgh Head	29.78	45	W	2	b	29.83	+0.08	47	46	-2	SSW	3	c	3	o.b	50	45	0.02		
	Stornoway ...	29.80	49	SW	2	c	29.78	-0.02	49	48	+8	SW	6	o	6	c	51	41	0.03		
	Wick ...	29.86	48	SW	3	bc	29.87	+0.07	47	45	-1	S	3	c	2	bc	48	41	0.05		
	Nairn ...	29.87	45	Z	0	b	29.89	+0.09	45	44	-6	SW	1	bc	1	b	52	39	0.03		
	Aberdeen ...	29.90	47	WNW	1	c	29.99	+0.11	38	37	-11	SW	1	cm	3	rg.c	50	34	0.13		
	Leith ...	29.95	48	W	2	o	30.04	+0.15	36	35	-16	S	1	m	#	o	53	33	0.03		
	Shields ...	29.99	50	SSW	2	o	30.06	+0.02	44	43	-1	WSW	2	f	2	c.o.r	50	41	0.11		
	Spurn Head ...	30.00	46	SSE	4	om	30.10	-0.08	45	44	+2	SSW	2	cmw	2	cm	47	42	-		
	York ...	30.08	47	SSE	1	bc	30.11	-0.03	45	45	+3	S	1	m	#	bc	50	42	0.06		
	Loughborough	30.14	44	S	1	o	30.15	-0.05	41	40	0	ESE	1	cmw	#	o	49	40	-		
BRITISH.	Ardrossan ...	29.94	50	W	2	b	30.04	+0.15	47	47	-4	SSW	3	c	3	r.b	51	38	0.25		
	Malin Head ...	29.96	47	SSW	3	b	29.95	+0.06	42	41	-6	S	4	c	3	bc.b	51	41	0.02		
	Mullaghmore ...	29.99	47	WSW	2	b	29.99	+0.08	45	44	-5	SSW	4	bc	5	bc.b	51	43	-		
	Belmullet ...	30.01	48	SW	2	b	29.98	+0.02	50	48	+1	SW	3	o	#	b	52	47	-		
	Donaghadee ...	30.01	48	W	3	bc	30.06	+0.13	38	38	-13	WSW	4	bc	2	bc	51	32	0.18		
	Liverpool (Bidston)	30.05	50	SSE	2	o	30.10	-0.01	47	47	+2	SSE	1	om	2	o	52	45	0.21		
	Holyhead ...	30.00	51	SSW	4	g.m	30.09	+0.04	45	45	-5	Z	0	bm	0	2q.r	52	45	0.47		
	Parsonstown ...	30.03	46	Z	0	b	30.10	+0.15	33	32	-19	Z	0	c	#	o.b	52	32	0.30		
	Valencia ...	30.09	48	NW	1	b	30.11	+0.12	41	40	-11	ESE	2	b	3	c.b	54	36	0.19		
	Roche's Point	30.03	51	NNE	2	c	30.13	+0.12	43	42	-9	N	2	c	3	r.c	53	40	0.30		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.06	52	SSW	4	c	30.10	-0.01	51	51	-1	N	1	cp	4	c	54	50	0.09		
	Scilly ...	30.09	51	S	4	bc	30.12	-0.00	53	52	0	SSW	4	m	3	bc	56	48	0.02		
	Prawle Point ...	30.13	45	S	1	b	30.17	-0.01	46	46	-1	ESE	1	bw	1	b	51	42	-		
	Jersey (St. Aubin's)	30.12	50	NW	1	om	30.15	-0.05	49	47	+1	Z	0	omw	0	om	52	45	-		
	Hurst Castle ...	30.14	50	Z	0	m	30.17	-0.05	45	45	-5	NE	1	f	0	om	53	45	-		
	Dungeness ...	30.14	49	WSW	1	o	30.15	-0.08	48	47	+1	NNE	2	m	2	m.o	51	47	0.01		
	North Foreland	30.16	49	SE	2	o	30.15	-0.09	50	49	+3	N	1	o	2	o	50	44	-		
	London ...	30.16	48	SSE	1	og	30.17	-0.07	45	44	0	SSE	1	f	#	og.b	51	40	-		
	Oxford ...	30.15	46	S	1	o	30.18	-0.04	39	39	-5	Z	0	f	#	o.f	49	38	-		
	Cambridge ...	30.17	47	Z	0	o	30.19	-0.06	39	38	-5	S	1	om	#	o	49	36	-		
FRANCE AND BELGIUM.	Yarmouth ...	30.16	47	SSW	2	c	30.15	-0.09	44	43	+1	SSW	2	bof	2	com.c	47	42	-		
	Cuxhaven ...	30.22	46	SSE	2	f	30.18	-0.13	44	43	-2	SSE	2	f	#	f	47	43	-		
	Berlin ...	30.30	46	SE	1	o	30.28	-0.13	40	39	+1	SE	3	o	#	o	48	37	-		
	Wiesbaden ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
	Munich ...	30.27	36	E	3	o	30.26	-0.08	34	34	-3	E	3	f	#	o	39	34	-		
	The Helder ...	30.22	45	SE	1	f	30.21	-0.12	43	43	+3	SE	1	f	#	f	48	39	-		
	Brussels (9 a.m.)	?	?	?	?	?	30.18	-0.10	45	45	+2	ESE	1	o	#	r	49	43	0.12		
	Cape Gris Nez	30.12	46	NNE	1	m	30.08	-0.12	46	46	+4	ESE	1	m	#	m	48	39	0.04		
	Paris ...	30.15	49	ESE	2	o	30.14	-0.10	47	47	+3	NE	1	o	#	o	53	?	0.12		
	Brest ...	?	46	N	3	o	?	?	45	44	+3	NE	2	c	3	c	54	39	-		
PENIN- SULA.	Lorient ...	30.08	52	NE	3	c	30.14	-0.02	51	50	+5	NE	3	o	3	c	54	46	-		
	Rosnefort ...	30.03	55	Z	0	o	30.12	+0.04	53	53	+2	Z	0	f	#	o	63	48	0.08		
	Belfort ...	?	44	E	4	bc	?	?	43	39	-3	E	1	f	#	bc	54	41	-		
	Lyons ...	30.20	48	N	1	bc	30.22	-0.04	47	46	+4	W	1	f	#	bc	52	43	0.24		
	Nice ...	30.19	59	E	3	bc	30.17	-0.05	53	49	-3	E	2	b	2	bc	63	52	-		
	Perpignan ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
	Biarritz ...	30.06	55	NW	2	o	30.13	+0.07	55	51	+4	Z	0	o	1	o	55	43	-		
	Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
	Lisbon ...	30.00	55	NW	4	b	30.09	+0.13	52	50	+1	NNE	2	b	#	o	63	48	-		

For Explanation of Columns, see bottom of last page

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

WEATHER CHARTS

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

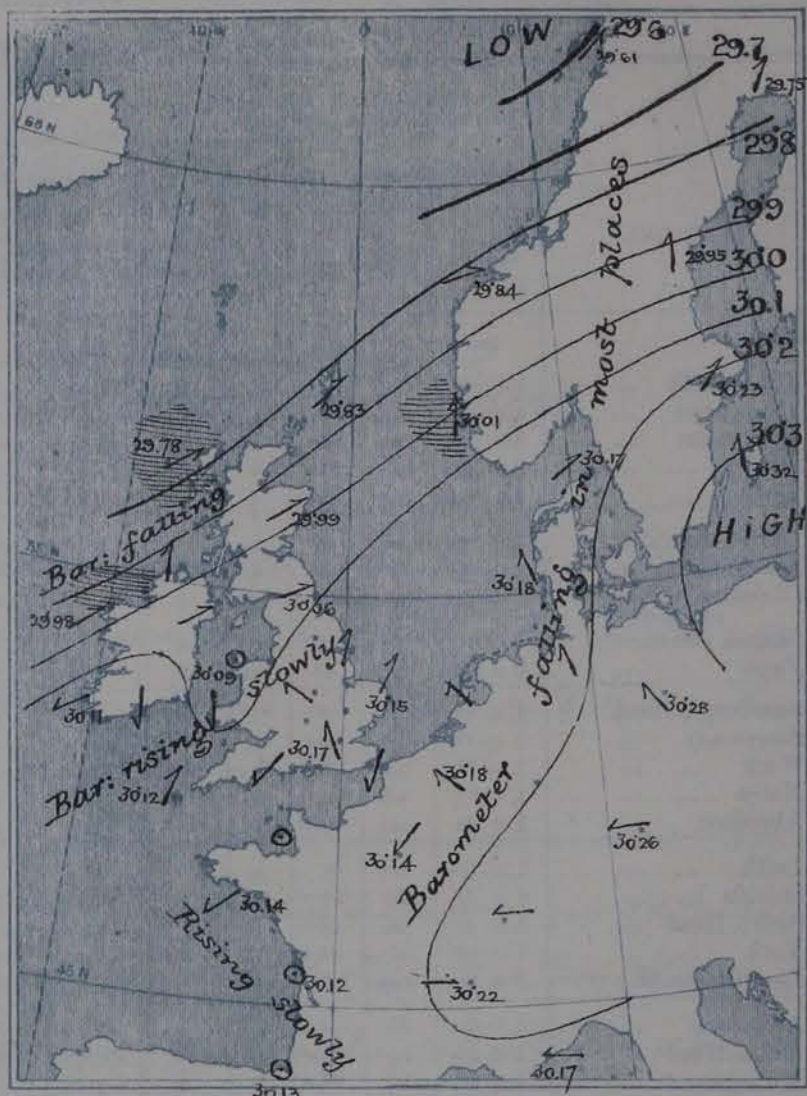
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS
	inches.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roshe's Point	29.865
Pembroke	29.864
Sally	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

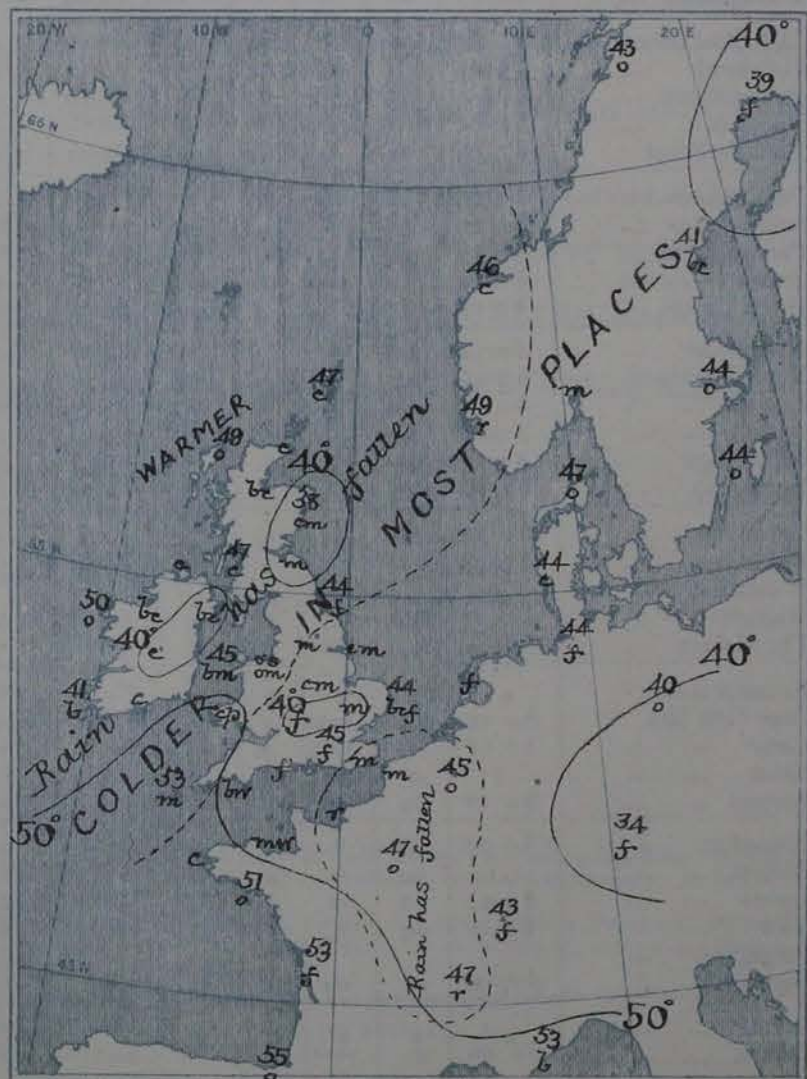
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.29
Aberdeen.....	46.2	36.5	40.5	38.7	3.14
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.4	40.6	39.3	2.19
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.3	3.88
Mullaghmore.....	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.96
Parsonstown.....	49.1	37.1	41.9	40.2	2.83
Valencia.....	52.3	43.0	47.4	45.5	5.42
Roshe's Point.....	51.1	42.0	46.1	44.5	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.94
Sally.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.20
Jersey.....	51.9	44.1	47.7	45.8	1.30
Hurst Castle.....	50.5	40.6	44.9	44.0	3.91
Dover.....	49.3	40.6	44.3	42.8	3.48
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.6	41.2	40.0	2.31
Cambridge.....	48.6	35.8	40.7	39.9	2.01
Yarmouth.....	47.5	39.0	43.1	42.0	3.06

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 the Baltic.
 Lowest, 29.6 ins: and less, in a depression lying off the northwest of Norway.
 Gradients moderate over Scandinavia and the northern parts of our Islands, but slight elsewhere.
 Barometer rising slightly over England and France, but falling in most other parts of Western Europe.

TEMPERATURE

Highest, 55° at Biarritz, 53° at Seilly, Rochefort, and Albi; 52° at Lisbon, 51° at Hambro and Lorient, and 50° at Bilmullet.
 Lowest, (1) 34° at Munich and 40° at Berlin; (2) 33° at Haparanda and 41° at Helsingfors; 33° at Petersburg, 36° at Leith, and 39° at Oxford and Cambridge.
 Frost occurred last night in some parts of Ireland and Scotland.

WIND

S⁴ or SW³ over Scandinavia and the northern parts of our Islands; strong in force in the Hebrides and the west of Norway.
 Light from the S² in the east of England, and from the SE² over Denmark, North Germany, and the Netherlands.
 N³ or NE³ on many parts of our southern coasts, but S³ at the mouth of the Channel; calm over the Bay of Biscay.

WEATHER

Foggy or misty over the greater part of England, but fine in Ireland and Scotland.
 Breeze at most of the Continental stations, with fog locally, and with rain at Stockholm and Lyons.
 Rain fell yesterday in the west and north of our Islands generally as well as at several of the French stations. Lunar halos were seen in various parts of Great Britain.

SEA

Slight or smooth generally, but rough at Hornøya and rather rough at Stockholm and Mullaghmore.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A depression is approaching the northwest of Scotland, and increasing SW³ winds are probable on our extreme northern coasts with rainy weather. A small secondary disturbance which is at present lying over Wales may possibly move eastwards and occasion slight rain in some parts of England.

FORECASTS

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

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | SW ⁴ winds, strong; drizzle, some rain. |
| 1 | SCOTLAND EAST | SW ³ winds, freshening; fair to cloudy and showery. |
| 2 | ENGLAND N.E. | SW ³ winds, light or moderate; fair generally, but some mist or fog. |
| 3 | ENGLAND EAST | Light breezes, chiefly S ³ ; drizzle, misty or foggy, slight rain locally. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----------|---------------|--|
| 6 | SCOTLAND WEST | Same as No 1 |
| 7 | ENGLAND N.W. | Same as No 2. |
| 8 | ENGLAND S.W. | S ³ and SE ⁴ winds, moderate; fair to drizzle and some rain. |
| 9 | IRELAND NORTH | Same as No 1. |
| 10 | IRELAND SOUTH | E ³ winds, light or moderate; fair to drizzle and some rain. |
| WARNINGS | | NONE ISSUED. |

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.06	49	47	S	8	of	6	Valencia ...	30.02	53	52	Z	0	c	1
Sumburgh Head	29.77	49	47	W	1	0	2	Scilly ...	30.10	54	52	SSW	4	bc	3
Stornoway ...	29.80	50	49	W	3	c	4	Jersey ...	30.14	52	50	E	2	0	2
Aberdeen ...	29.86	49	48	S	2	ogt	4	Hurst Castle	30.16	52	50	NNE	1	om	0
Shields ...	30.00	50	48	SSW	3	c	2	Dungeness...	30.17	50	49	S	2	m	1
Ardrossan ...	29.92	50	49	W	2	r	3	North Foreland...	30.15	48	47	SE	2	0	3
Malin Head ...	29.93	50	48	W	2	bc	2	London ...	30.17	51	48	SE	1	og	*
Mullaghmore	29.95	51	48	W	3	bc	3	Yarmouth ...	30.17	47	46	SSW	2	bcm	2
Belmullet ...	29.99	52	48	WSSW	2	6	#	Rocheport ...	30.06	58	56	ENE	2	0	*
Holyhead ...	30.01	51	51	SSW	5	dmq	5								

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

Weather in morning fine and bright in some parts of France, dull or foggy over Central Europe, dull and unsettled over the northern and northwestern countries as well as over the southern half of the Peninsula; rainy in many parts of Ireland, Scotland, and Norway. Rainfall during day pretty general over Norway, Scotland, Ireland, Wales, and many parts of France, but amounts not large.

Temperature risen decidedly over England. Morning readings exceeding 70° at some Algerian stations, but as a whole varying between 55° and 65° at the Mediterranean stations, as well as on the western and southwestern coasts of the British Islands, and as high as 48° even at Potsd.; lower elsewhere. Lowest 26° at Moscow, 30° at Kiev, 34° at Warsaw, 35° at Lemberg, and also at Archangel, not below 41° at any of our own stations.

Rising later to 50° or more in almost all parts of the United Kingdom and to 63° at Rochefort, but not exceeding 55° at Biscaritz.

Wind (1) SW³ over northern Europe, and blowing a gale on the Norwegian coasts; (2) S³ light to moderate over England and fresh over the Irish Channel, calm in the west of Ireland; (3) SE³ over Algeria and Sardinia; E³ over the south of France and NE³ over the Peninsula; (4) extremely light and anticyclonic over Central Europe. Becoming lighter and more variable over the British Isles later.

Barometer highest 30.5 in. and more to 30.3 in. in an anticyclone covering all the central and southeastern parts of Europe. Lowest (1) 29.4 in. and less over Finnmark, and about 29.8 in. in the north of Scotland; (2) 29.7 in. and less to 29.3 in. over Morocco and the southern parts of Spain. Rising in the east of our Islands later, falling in the east, as well as over France and Germany.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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" Weekly " " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 11th November, 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.	Wet Bulb.	Force (0 to 12).	Direction.	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direction.	Force (0 to 12).	Max.		Min.					
Ins.	°					Ins.	°	°	°											
Haparanda ...	29.85	37	SW	4	b	29.76	+0.1	39	39	0	SW	6	c	#	b	39	34	-		
Hernösand ...	30.02	41	S	4	b	30.09	+0.07	41	39	0	S	2	b	#	b	45	36	-		
Stockholm ...	30.22	45	SW	2	0	30.31	+0.08	44	42	0	SW	2	0	#	0	48	39	-		
Wishby ...	30.34	43	SW	4	0	30.38	+0.06	42	40	-2	SSW	4	0	#	0	48	41	-		
Bojö ...	29.56	45	SW	7	r	29.74	+0.13	43	41	0	W	4	0	2	r	45	41	0.28		
Christiansund...	29.78	52	NSW	4	c	29.96	+0.12	51	45	+5	NSW	1	c	5	c	52	46	-		
Skudesnaes ...	30.10	48	SSW	4	0	30.16	+0.15	48	47	-1	ESE	4	0	3	15.0	49	48	-		
Christiana Fjord (Farder)	30.16	48	SSW	4	0	30.22	+0.11	48	47	0	SSW	4	0	3	0	48	48	-		
Skagen (The Scaw)	30.23	46	SW	2	0	30.28	+0.11	46	45	-1	SW	3	0	1	0	48	43	-		
Fanö ...	30.23	45	SE	2	0	30.27	+0.09	42	41	-2	SE	2	c	#	0	48	41	-		
Sumburgh Head	29.83	48	NSW	3	r	29.83	+0.05	46	45	-1	S	2	c	3	0.1	49	44	0.01		
Stornoway ...	29.80	49	SW	7	r	29.78	-0.02	49	47	0	SW	6	bc	5	r	50	46	0.10		
Wick ...	29.89	48	S	2	0	29.87	-0.02	48	44	+4	S	3	bc	2	0	49	44	-		
Nairn ...	29.87	50	SW	2	c	29.87	-0.02	45	43	0	W	0	c	1	c	50	40	-		
Aberdeen ...	29.98	43	SSW	3	bc	30.00	+0.01	45	44	+1	S	2	cmw	2	bc, m	46	37	-		
Leith ...	29.96	43	SW	1	c	30.00	-0.04	48	46	+12	W	0	0	#	c	50	34	-		
Shields ...	30.08	47	S	1	f	30.07	+0.01	45	44	+1	SE	3	om	2	f	51	39	-		
Spurn Head ...	30.12	44	S	2	bc, w	30.14	+0.04	40	40	-5	SSE	2	fw	2	bc, f	50	38	0.01		
York ...	30.12	50	S	1	0	30.13	+0.02	38	38	-7	ESE	1	b	#	0	52	37	-		
Loughborough	30.16	44	SSE	1	b	30.16	+0.01	43	42	+2	SE	1	omw	#	b	49	38	-		
Ardrossan ...	30.01	48	S	2	b	29.97	-0.07	50	49	+3	S	3	0	3	c, b	50	46	0.01		
Malin Head ...	29.92	46	S	5	b	29.81	-0.14	48	46	+6	S	5	b	2	0, b	48	42	-		
Mullaghmore ...	29.95	48	S	5	bc	29.82	-0.17	51	46	+6	SSE	5	cq	5	cm, bc	51	44	-		
Belmullet ...	29.92	51	S	5	0	29.75	-0.23	51	49	+1	S	5	0	#	0	51	48	-		
Donaghadee ...	30.07	42	SW	2	b	29.97	-0.09	50	50	+12	SW	5	bc	3	b	50	37	0.04		
Liverpool (Bldston)	30.12	50	SSE	1	0	30.09	-0.01	47	46	0	SSE	3	c	3	0	52	45	0.01		
Holyhead ...	30.08	49	SSW	1	cq	30.04	-0.05	50	48	+5	S	3	c	2	b, cq	53	45	0.02		
Parsonstown ...	30.02	45	W	0	0	29.91	-0.19	49	48	+16	SE	2	og	#	bc, 0	51	32	-		
Valencia ...	30.02	50	S	3	rm	29.87	-0.24	52	51	+11	SSE	4	0	4	bc, rm	52	39	0.03		
Roche's Point	30.06	49	S	1	c	29.93	-0.20	52	52	+9	SSW	5	p	4	c, p	52	43	0.20		
Pembroke (St. Ann's Hd.)	30.10	50	S	2	r	30.08	-0.02	49	49	-2	SSE	3	cq	4	0, r	53	49	0.04		
Seilly ...	30.11	53	S	4	0	30.05	-0.07	51	49	-2	S	4	0	3	0	55	48	-		
Prawle Point ...	30.16	49	SW	1	b	30.11	-0.06	51	51	+5	ESE	1	ogmw	0	b	54	44	0.01		
Jersey (St. Aubin's)	30.15	53	N	1	0	30.13	-0.02	52	51	+3	E	2	ofm	2	om	55	48	0.03		
Hurst Castle ...	30.17	48	E	1	m	30.15	-0.02	42	42	-3	ESE	1	mw	0	f, bc, m	51	39	0.01		
Dungeness ...	30.14	51	NNE	2	m	30.12	-0.03	50	50	+2	E	1	m	1	m	52	48	-		
North Foreland	30.15	50	SSE	1	om	30.12	-0.03	50	49	0	E	1	bc, m	0	om	51	48	-		
London ...	30.18	45	W	0	cf	30.16	-0.01	42	41	-3	W	0	fg	#	gf, c, m	52	37	-		
Oxford ...	30.19	36	W	0	f	30.18	-0.01	32	32	-7	W	0	f	#	f	48	32	-		
Cambridge ...	30.16	42	W	0	0	30.18	-0.01	40	40	+1	W	0	0	#	0	47	32	-		
Yarmouth ...	30.15	47	W	0	cm	30.16	+0.01	48	47	+4	ESE	2	bc	2	cf, cm	48	42	-		
Cuxhaven ...	30.19	44	SE	1	f	30.23	+0.05	44	43	0	ESE	2	0	#	f	46	43	-		
Berlin ...	30.29	39	ESE	2	0	30.31	+0.03	39	38	-1	SE	2	0	#	0	45	37	-		
Wiesbaden ...	30.26	37	W	0	0	30.22	-0.02	43	41	-2	W	0	0	#	0	46	41	-		
Munich ...	30.26	37	W	0	0	30.24	-0.02	37	37	+3	E	4	0	#	0	39	34	-		
The Helder ...	30.25	44	ESE	1	b	30.23	+0.02	42	41	-1	ESE	1	b	1	b	48	41	-		
Brussels (a.m.)	30.10	49	W	0	m	30.15	-0.03	46	46	+1	ESE	1	f	#	0	50	45	0.04		
Cape Gris Nez	30.10	49	W	0	m	30.10	+0.02	48	48	+2	NE	1	m	#	0	50	45	-		
Paris ...	30.15	50	NNE	2	0	30.14	-0.01	49	49	+2	NE	1	0	#	0	58	47	-		
Brest ...	30.15	52	N	1	0	30.14	-0.01	53	52	+8	SE	3	0	3	0	61	43	-		
Lorient ...	30.15	53	W	0	0	30.08	-0.06	53	52	+2	ESE	3	0	2	0	54	50	-		
Rocheport ...	30.12	37	SE	3	b	30.08	-0.04	53	53	0	ESE	3	0	#	0, b	61	50	0.08		
Belfort ...	30.18	42	NE	3	f	30.20	-0.02	42	36	-1	NE	3	f	#	f	48	36	-		
Lyons ...	30.18	53	N	1	b	30.20	-0.02	48	48	+1	N	1	f	#	b	59	46	0.12		
Nice ...	30.13	54	E	1	b	30.12	-0.05	51	48	-2	E	1	b	#	b	64	50	-		
Perpignan ...	30.09	56	ESE	3	0	30.08	-0.05	57	56	+2	NSW	2	m	#	0	?	52	-		
Biarritz ...	30.09	56	ESE	3	0	30.08	-0.05	57	56	+2	NSW	2	m	#	0	?	52	-		
Corunna ...	30.10	57	NNW	4	0	30.13	+0.04	50	50	-2	NNE	2	f	#	?	64	48	-		
Lisbon ...	30.10	57	NNW	4	0	30.13	+0.04	50	50	-2	NNE	2	f	#	?	64	48	-		

For Explanation of Columns, see bottom of last page.

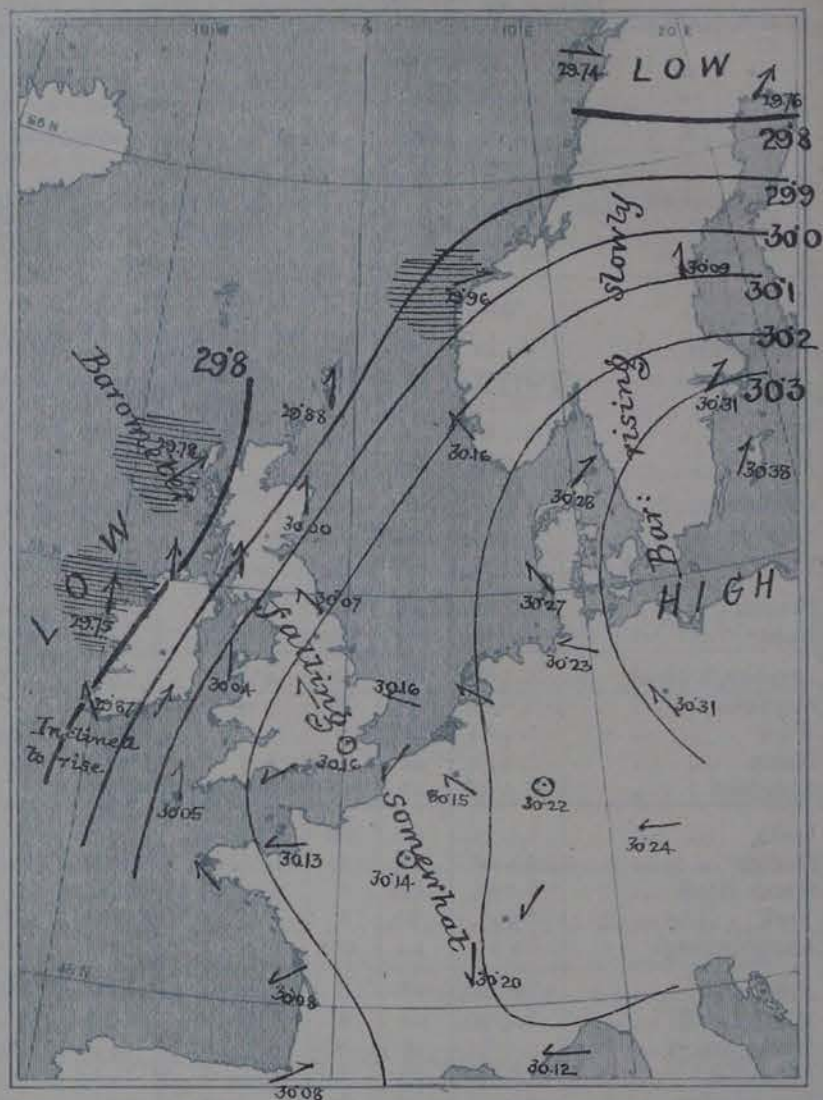
† Received too late for insertion in Charts on next page.

for 8 a.m. on Friday, 11th Nov: 1892.

EXPLANATION OF MAP

These birds and feathers refer to force thus—
 ————— forces above 10; ————— forces 8 to 10.
 ————— forces 5 to 7; ————— forces 1 to 4.
 ————— dead end.

MEAN READINGS.



WITH RAINFALL IN PAST 24 HOURS.

WEATHER is shown by Letters of the Beaufort Scale.

WEATHER is shown by Letters of the Beaufort Scale.

(For the month of November.)

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 an anticyclone lying over the Baltic, North Germany, and the south of Sweden.

Lowest, 29.8 in. and less, on our extreme western coasts and also in the north of Scandinavia.

Gradients moderate in the west and north of our islands and the northern part of Scandinavia, but slight elsewhere.

Barometer falling over the greater part of the United Kingdom and France, - most in the west, rising in Scandinavia and Denmark.

TEMPERATURE

Highest, 57° at Bannitz, 53° at Brest, Lorient and Rochefort, and 51° at Valence Island, Rocher Point, and Jersey.

Lowest, (1) 32° at Oxford and 38° at York; (2) 37° at Munich and 35° at Berlin; (3) 35° at Haparanda, 41° at Helsingfors.

During yesterday the thermometer rose to 50° or a little above in many parts of our islands, the highest reading of all being 55° at Sully and Jersey.

WIND

Light to fresh from the S.W. in the west and north of our islands; light from E. over the Channel and Bay of Biscay, and from SE. in the east of England, as well as over Germany, the Netherlands, and the eastern shores of the North Sea.

Variable over the central parts of France; SW. in Scandinavia.

WEATHER

Dull over the greater part of Western Europe, with fog or mist over England and Central France, as well as at Brussels, and with rain at Rocher Point and Jersey.

Fine in some parts of Scotland and the north of Ireland, as well as in the northern parts of Sweden.

Slight rain fell yesterday at several of our southwestern, western and extreme northern stations.

SEA

Slight or smooth generally, but rather rough at Stornoway, Mullaghmore and Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions are still affecting our western and northern coasts and their influence appears to be spreading slowly eastwards. The fog over England will probably clear shortly and give place to mild dull weather, with slight rain locally.

FORECASTS

For the 24 hours ending at NOON on 12th NOV^r 1892.

DISTRICTS.

FORECASTS.

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

0th and SWth winds, increasing in force; fair to dull and rainy.

1st winds, freshening; fair to cloudy and showery.

2nd and Sth winds, moderate; fair generally.

Light breezes, chiefly SEth; foggy at first then dull, possibly slight rain.

DISTRICTS.

FORECASTS.

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

Same as No. 1.

Sth winds, increasing in force; dull, some rain.

WARNINGS

At 7.20 pm, to districts 0, 6, 10, and parts of 1 and 9. "Hoist South Cone."

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.01	49	48	SSW	4	tf	5	Valencia ...	30.06	52	50	SSW	3	bcm	3
Samburgh Head	29.81	48	47	SSW	3	0	3	Scilly ...	30.11	54	53	S	4	0	3
Stornoway ...	29.79	50	50	SW	7	1	6	Jersey ...	30.16	55	53	ESE	1	0	1
Aberdeen ...	29.96	46	43	S	3	bcm	3	Hurst Castle ...	30.17	51	50	E	2	m	0
Shields ...	30.05	50	48	S	1	t	2	Dungeness ...	30.13	52	51	ESE	3	m	2
Ardrossan ...	30.02	48	47	S	2	c	2	North Foreland ...	30.13	51	50	SSW	1	0	1
Malin Head ...	29.96	48	46	S	2	0	3	London ...	30.17	52	49	Z	0	fg	*
Mullaghmore ...	29.97	51	48	SSW	5	cm	4	Yarmouth ...	30.15	48	47	Z	0	fg	2
Belmullet ...	29.95	51	50	SSW	3	0	*	Rocheport ...	30.12	59	58	SE	3	0	*
Holyhead ...	30.09	52	50	SSW	1	0	1								

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

Weather in morning again very dull over nearly the whole of Europe, foggy at many stations and rainy at a few (more particularly in the south of France) but clear and bright in some of the western parts of our Islands. Slight rain later in the latter regions as well as in the southwest and south of France.

Temperature changing fitfully (fallen over our Islands) Morning readings highest 73° at Folke and exceeding 60° at several of the Mediterranean stations; exceeding 50° in the west of France and 40° on the coasts of the British Islands, Norway, Sweden, and Finland. Lowest 30° at Moscow, 31° at Warsaw, 32° at Kiev, 33° at Cassa, and 34° at Munich. Rising to 50° and more at most of our ocean stations later and to 60° and more in the southwest and south of France.

Wind S³ or SW³ over Northern Europe, the Baltic, and the northern and northwestern parts of the United Kingdom and blowing strongly at some of the Atlantic coast stations; SE⁴, light over North Germany, extremely variable and light over Russia and Central Europe; E³ to NE³ in the south and blowing a moderate gale at Sangreine. Becoming S³ in Ireland later, and freshening, and increasing to a moderate gale from SW in the Munich.

Barometer highest 30.5 ins: and more to 30.3 ins: over Central Russia, Hungary, Poland, and the Baltic, and exceeding 30.1 ins: over Germany, France, the Bay of Biscay and England. Lowest 29.6 ins: off the coast of Finnmark, 29.8 ins: and less, off the northwest of our Islands, and 30.0 ins: and less, over Algeria. Falling rather decidedly on our extreme western coast later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

“ Weekly “ “ “ £1 10 0 “

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 12th November, 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 ...	29.96	37	S	2	b	30.09	+0.33	37	36	-	2	SSW	4	c	+	b	41	32	-
	Hernösand ...	30.23	34	W	0	b	30.29	+0.20	29	28	-	12	W	0	b	+	b	45	29	-
	Stockholm ...	30.88	41	SW	2	o	30.39	+0.08	41	39	-	3	SW	2	o	+	o	48	37	-
	Wisby ...	30.43	41	SSW	4	o	30.44	+0.06	41	40	-	1	S	4	r	+	o	43	37	-
	Bodö ...	29.89	46	SW	7	m	30.01	+0.27	48	47	+	5	S	4	o	2	r	48	41	0.47
	Christiansund...	30.09	44	SE	2	b	30.11	+0.15	45	43	-	6	ESE	1	o	4	b	51	43	-
	Skudesnaes ...	30.23	49	SSE	4	o	30.19	+0.03	46	43	-	2	SSE	6	o	4	o	49	37	-
	Christiania Fjord (Farder)	30.29	48	SSW	4	o	30.29	+0.07	46	43	-	2	SSW	2	o	2	o	48	46	-
	Skagen (The Scaw)	30.32	46	S	8	o	30.31	+0.03	45	41	-	4	SSE	2	o	1	o	48	45	-
	Fanö ...	30.25	42	ESE	4	o	30.22	-0.05	41	39	-	2	E	4	o	+	o	45	41	-
BRITISH ISLANDS.	Sumburgh Head	29.92	47	S	2	b	29.89	+0.01	47	46	+	1	S	5	o	6	b	49	45	-
	Stornoway ...	29.77	50	SW	6	o	29.71	-0.07	52	52	+	3	SW	6	o	6	o	52	47	-
	Wick ...	29.91	48	S	9	b	29.86	-0.01	47	46	-	1	S	3	c	2	b	51	45	-
	Nairn ...	29.88	48	W	0	b	29.81	-0.06	50	45	+	5	SW	3	bc	2	b	57	43	-
	Aberdeen ...	30.00	48	SSW	3	b	29.95	-0.05	46	45	+	1	SSE	8	ogm	4	c. b. g.	50	40	-
	Leith ...	30.02	48	SE	1	bc	29.94	-0.06	43	41	-	2	S	2	c	+	bc	56	39	-
	Shields ...	30.07	46	SW	2	bm	30.01	-0.06	45	45	-	0	SSE	3	dm	2	cm. bm	52	40	-
	Spurn Head ...	30.11	47	ESE	2	f	30.02	-0.12	47	47	+	7	ESE	2	ogm	3	f	47	39	-
	York ...	30.11	45	E	2	b	30.05	-0.08	46	45	+	1	SE	1	o	+	b	52	38	-
	Loughborough	30.13	44	SE	1	b	30.05	-0.11	45	44	+	2	W	0	om	+	b	55	42	-
GERMANY & HOLLAND.	Ardrossan ...	29.94	50	S	3	b	29.90	-0.07	48	47	-	2	ESE	8	om	3	c. b.	51	45	-
	Malin Head ...	29.84	51	SSE	4	o	29.73	-0.08	49	47	+	2	SSE	5	o	2	o	53	48	-
	Mullaghmore ...	29.82	54	S	7	og	29.71	-0.11	52	50	+	2	SSE	6	c. g.	5	c. og	55	51	-
	Belmullet ...	29.78	51	S	3	r	29.64	-0.11	51	50	0	0	SSE	3	r	+	r	52	47	0.83
	Donaghadee ...	30.01	50	SSW	4	c	29.88	-0.09	51	51	+	1	S	5	o	3	c	53	49	-
	Liverpool (Bidston)	30.07	46	SE	2	b	30.00	-0.09	43	42	-	1	SE	3	o	3	b	53	41	-
	Holyhead ...	30.01	51	SSE	3	og	29.93	-0.11	49	47	-	2	SSE	2	ogm	2	b. og	53	48	-
	Parsonstown ...	29.80	51	W	0	o	29.78	-0.13	50	48	+	2	SE	1	og	+	o	53	47	-
	Valencia ...	29.83	53	SSE	4	ogm	29.69	-0.18	54	53	+	2	SSE	6	o	5	m. ogm	54	51	0.30
	Roche's Point	29.90	52	SSW	5	op	29.82	-0.11	53	52	+	1	SSW	5	o	4	o	53	51	0.10
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.00	50	SE	4	bc	29.93	-0.15	50	50	+	1	SE	4	c	4	bc	53	49	-
	Scilly ...	29.98	52	SSE	4	b	29.89	-0.16	54	53	+	1	S	4	cw	5	bc. b	56	48	-
	Prawle Point ...	30.04	52	ESE	2	o	29.98	-0.13	51	51	0	0	ESE	1	f	1	om	52	50	0.02
	Jersey (St. Aubin's)	30.06	63	ESE	1	ogp	30.01	-0.12	52	51	0	0	E	1	omw	1	om. gp	54	49	0.04
	Hurst Castle ...	30.09	50	ESE	2	m	30.03	-0.12	49	49	+	7	W	0	f	0	m. f	51	42	-
	Dungeness ...	30.06	52	NE	2	m	30.00	-0.12	49	49	-	1	NE	1	f	1	m. f	53	49	0.09
	North Foreland	30.09	50	E	1	om	29.99	-0.13	50	50	0	0	E	1	f	0	o. om	52	47	0.05
	London ...	30.10	49	SE	1	o	30.02	-0.14	48	47	+	6	SE	1	g. f. r	+	g. f. o	51	45	0.08
	Oxford ...	30.11	44	W	0	f	30.03	-0.15	44	44	+	12	W	0	f	+	c. f	48	32	-
	Cambridge ...	30.12	45	W	0	f	30.04	-0.14	45	45	+	5	W	0	om	+	f	46	38	-
PENINSULA.	Yarmouth ...	30.12	48	E	3	cm	30.02	-0.14	49	48	+	1	E	3	cgm	3	bc. cm	49	46	-
	Cuxhaven ...	30.22	41	ESE	3	o	30.16	-0.07	36	35	-	8	SSE	5	f	+	o	44	35	-
	Berlin ...	30.34	35	E	4	o	30.28	-0.03	38	36	-	2	SE	4	o	+	o	41	34	-
	Wiesbaden ...	30.14	35	E	4	o	30.14	-0.08	42	40	-	2	NE	2	o	+	o	46	41	-
	Munich ...	30.21	35	E	4	o	30.16	-0.08	35	35	-	2	E	3	o	+	o	39	34	0.04
	The Helder ...	30.18	44	E	2	f	30.09	-0.14	43	43	+	1	ESE	1	f	+	f	46	41	0.04
	Brussels (p.m.)	*	*	*	*	*	30.03	-0.12	48	43	+	2	SSE	1	f	+	f	51	46	-
	Cape Gris Nez	30.04	49	W	0	m	29.97	-0.13	48	47	-	1	E	1	f	1	m	52	46	0.04
	Paris ...	30.10	51	NE	1	o	30.04	-0.10	48	48	-	1	W	1	o	+	o	54	48	-
	Brest ...	?	54	S	2	b	?	?	52	52	-	1	SSE	8	o	+	b	61	43	-
FRANCE AND BELGIUM.	Lorient ...	30.03	53	SE	2	c	30.00	-0.08	?	52	-	?	ESE	?	?	2	c	59	50	-
	Rochefort ...	30.05	55	W	0	c	30.04	-0.04	49	48	-	1	ESE	3	f	+	o. o	59	46	-
	Belfort ...	?	42	E	3	m	?	?	44	43	+	2	W	1	f	+	m	49	41	-
	Lyons ...	30.13	50	ESE	1	f	30.10	-0.10	49	48	+	1	W	1	f	+	f	51	42	-
	Nice ...	30.12	53	SE	2	m	30.13	+0.01	51	50	0	0	NE	3	o	2	m	61	50	-
	Perpignan ...	30.10	55	W	0	b	30.10	-0.08	53	53	-	2	W	0	o	+	b	64	48	-
	Biarritz ...	30.04	58	W	0	b	30.00	-0.08	60	54	+	6	SSW	2	o	2	b	61	50	-
	Corunna ...	30.06	57	SW	3	b	29.95	-0.18	54	53	+	1	E	8	o	+	b	63	50	-
	Lisbon ...	30.06	57	SW	3	b	29.95	-0.18	54	53	+	1	E	8	o	+	b	63	50	-

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Saturday, 12th Nov. 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.

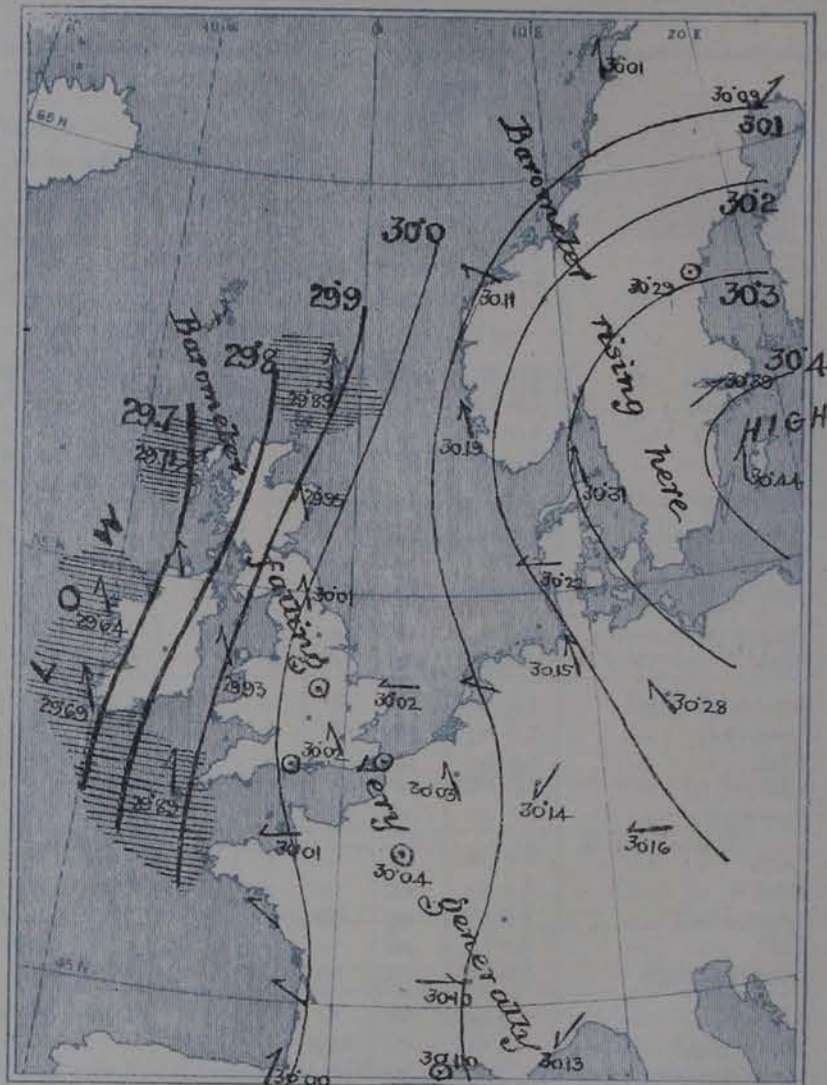
SEA DISTURBANCE—Where considerable, is shown thus:

— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.780
Shields	29.813
Spurn Head	29.812
York	29.816
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Rochie's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

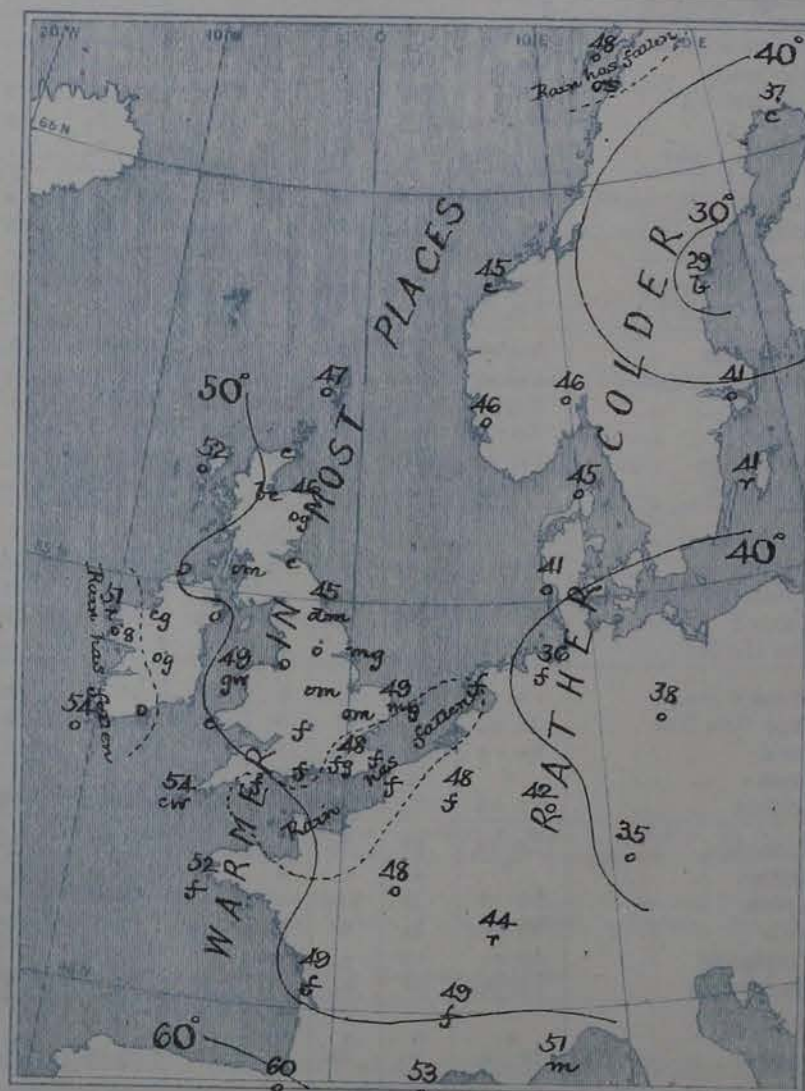
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	45.2	35.5	40.5	38.7	3.11
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	43.1	42.1	1.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Rochie's Point	51.1	42.0	46.1	44.3	1.62
Pembroke	50.1	43.8	46.0	45.1	1.04
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	3.30
Hurst Castle	50.5	40.6	44.9	43.0	3.61
Dover	49.3	40.6	44.3	42.8	3.18
LONDON	49.3	38.0	42.2	40.3	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	38.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.06

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in: and upwards over the Baltic
 Lowest, 29.7 in: and less, in the west of Ireland.
 Gradients moderate in the extreme west of our Islands, but slight elsewhere.
 Barometer falling at all but the Scandinavian stations, — most in the west of Ireland.

TEMPERATURE

Highest, 60° at Biarritz, 54° at Valencia Island, Lillie, and Lisbon, 53° at Rock Point, and 52° at Stromway, Mullaghmore, and Jersey.
 Lowest, 29° at Hinnisland, 35° at Munich, 36° at Copenhaven, 37° at Haparanda, and 38° at Berlin.
 During yesterday the thermometer rose to between 50° and 55° at all but our eastern and southeastern stations, to 56° at Lillie and Lillie, and to 57° at Hinnisland.

WIND

S^W or SE^W in the west and north of our islands, and the west of France, as well as in Norway and Denmark; light or moderate in force generally but strongly in the Hebrides and west of Ireland. A gale from E. is reported at Linton.
 Calm or light from the E^W over the central and southeastern parts of England; variable over Central France; SW^W in Sweden.

WEATHER

Foggy over North Germany, the Netherlands, the south of England, the Channel, and the Bay of Biscay.
 Bells in most other parts of Western Europe, with rain at Birmmullet and also at Winty.
 Since yesterday morning slight rain has fallen at several of our southern and southwestern stations, and a considerable amount (0.8 in) at Birmmullet.

SEA

Rough off the north of Scotland and rather rough on our extreme west and southeast coasts, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any very decided change in the weather. Depressions are still drifting our western coasts, but their influence does not seem likely to extend beyond the western and northern parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 13th November, 1892.

DISTRICTS.

FORECASTS.

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

S^W and SW^W winds, strong, a gale in places, drizzle, some rain.
 S^W winds, freshening; fair to drizzle and some rain.
 SE^W winds, light or moderate; drizzle, misty, slight rain locally.
 Calms and thick fogs, followed by light SE^W breezes; drizzle weather, and slight rain.

DISTRICTS.

FORECASTS.

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

SE^W winds, freshening; drizzle, some rain.
 S^W and SE^W winds, moderate or fresh; fair to drizzle and some rain.
 SE^W and S^W winds, strong, a gale in places, drizzle, some rain.

WARNINGS

The SOUTH CONE is still flying in districts 6, 10, and parts of 1 and 9.

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 ...	30.19	49	48	SE E	6	of	3	Valencia ...	29.83	53	53	SE E	5	m	5
Sumburgh Head ...	29.40	48	47	S	1	b	3	Scilly ...	30.01	55	52	S	4	bc	3
Stornoway ...	29.76	51	50	SW	6	o	6	Jersey ...	30.09	54	53	E NE	2	o	2
Aberdeen ...	29.99	49	47	S	3	c	3	Hurst Castle ...	30.10	50	49	E NE	1	m	0
Shields ...	30.06	51	48	SW	1	cm	2	Dungeness ...	30.08	53	51	NE	2	m	1
Ardrossan ...	29.94	51	49	S	4	o	3	North Foreland ...	30.08	52	50	E	1	o	0
Malin Head ...	29.83	52	50	S	4	o	2	London ...	30.11	51	49	Z	0	f o c	*
Mullaghmore ...	29.81	55	51	S	6	c	5	Yarmouth ...	30.12	49	48	E	3	f o c	2
Belmullet ...	29.72	51	50	SE E	4	r	2	Rochefort ...	30.06	57	56	NE	1	o	*
Holyhead ...	30.02	52	49	SE E	3	b	2								

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

Weather in morning continuing very foggy over the greater part of western and central Europe, including the eastern half of England; clear and bright at many of the Mediterranean and Spanish stations, dull and rainy in the west and south of Ireland. Some rain later in the last named districts as well as in the south of England and in some parts of Germany. Fog somewhat intermittent in London, but very dense at times.

Temperature not changing much. Morning readings below 70° everywhere; ranging from 50° to 68° at the Mediterranean stations and exceeding 50° on the Atlantic coast of the Peninsula, France, and the British Islands generally. Lowest (1) 30° at Kharkov, and 33° to 35° over nearly the whole of Russia, 32° at Posen and Breslau, 33° at Warsaw; (2) 32° at Oxford, 38° at York. Rising later to between 50° and 57° in Scotland, and to between 46° and 53° over England, to 61° at Rost, and 64° at Perpignan.

Wind S¹ fresh to strong over the western and northern part of the British Islands, SW¹, moderate to strong over northern Europe, but SE¹ light over Central Europe, and chiefly E¹ to S¹ over the southern countries.

Barometer highest 30.6 ins. and more to 30.7 ins. over central Russia, Poland and Hungary, and exceeding 30 ins. over nearly the whole of Europe. Lowest 29.8 ins. and less, over Lapland and the extreme northwest of our Islands, and below 30.0 ins. over Tunis and Malta. Falling over the United Kingdom and western Europe generally during the day, but rising a little over Scandinavia.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 13th November, 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 ...	30.15	36	W	2	f	30.09	1.00	38	38	+	1	SW	2	f	#	f	41	34	—	
	Hernösand ...	30.19	41	Z	0	f	30.20	— .09	37	36	+	8	S	2	f	#	f	41	27	—	
	Stockholm ...	30.38	41	Z	0	f	30.36	— .03	41	39	—	0	SW	2	o	#	f	46	36	—	
	Wishby ...	30.41	40	SSW	4	o	30.38	— .06	40	39	—	1	SSW	4	o	#	o	43	37	—	
	Bodö ...	30.02	47	SSW	4	o	29.91	— .10	43	41	—	5	ESE	1	c	1	o	50	41	—	
	Christiansund...	30.02	41	ESE	1	bc	29.89	— .22	44	40	—	1	ESE	4	bc	4	bc	48	41	—	
	Skudesnaes ...	30.08	46	SE	6	o	30.02	— .17	44	41	—	2	SSE	8	o	5	o	46	43	—	
	Christiania Fjord (Færder)	30.26	45	SSE	4	o	30.21	— .08	42	41	—	4	E	6	o	3	o	46	41	—	
	Skagen (The Scaw)	30.24	44	SSE	5	o	30.18	— .13	44	41	—	1	SSE	6	o	4	o	46	43	—	
	Fanö ...	30.13	38	ESE	4	o	30.08	— .14	39	37	—	2	SE	4	o	#	o	41	37	—	
BRITISH ISLANDS.	Sumburgh Head	29.77	47	S	5	o	29.68	— .21	45	45	—	2	WNW	1	r	5	o	48	45	0.47	
	Stornoway ...	29.55	50	SW	7	r	29.69	— .02	38	38	—	14	Z	0	bc	3	r	52	35	0.03	
	Wick ...	29.70	48	S	6	o	29.67	— .19	43	42	—	4	W	1	r	3	o	47	42	0.22	
	Nairn ...	29.68	50	SW	3	bc	29.69	— .12	42	42	—	8	Z	0	o	1	bc	55	41	0.07	
	Aberdeen ...	29.83	47	SSE	5	o	29.69	— .26	47	46	+	1	SSE	4	ogr	6	ogr	48	46	0.26	
	Leith ...	29.80	43	S	2	c	29.62	— .32	47	47	+	4	SE	1	r	#	c	50	42	0.02	
	Shields ...	29.88	47	S	1	o	29.72	— .29	48	47	+	3	S	2	dm	2	adm	48	44	0.03	
	Spurn Head ...	29.91	47	SE	2	og	29.87	— .21	47	46	+	0	SSE	4	og	3	og, r.	48	43	0.02	
	York ...	29.92	48	SSE	1	m	29.76	— .29	48	48	+	2	SSE	1	r	#	m	48	45	0.02	
	Loughborough	29.94	45	SE	1	bc	29.80	— .25	50	50	+	5	S	2	om	#	bc	51	43	0.06	
GERMANY & HOLLAND.	Ardrossan ...	29.75	49	ESE	2	o	29.64	— .26	43	42	—	5	Z	0	c	0	om	50	42	0.29	
	Malin Head ...	29.61	45	WN	5	o	29.71	— .02	44	40	—	5	N	2	bc	2	or	51	44	0.16	
	Mullaghmore ...	29.68	46	WN	5	o	29.72	— .01	39	37	—	13	S	1	bc	4	og	54	37	0.46	
	Belmullet ...	29.70	46	WN	3	o	29.74	— .10	34	34	—	17	S	2	bc	#	ro	51	33	1.20	
	Donaghadee ...	29.73	51	S	6	o	29.69	— .19	47	45	—	4	NNE	4	c	2	o	52	45	0.35	
	Liverpool (Bldston)	29.86	47	ESE	3	o	29.70	— .30	50	49	+	7	SE	3	r	3	o	50	43	0.24	
	Holyhead ...	29.78	51	SSE	3	o	29.65	— .28	48	48	—	1	NE	4	rgm	3	og	53	48	0.71	
	Parsonstown ...	29.68	49	WN	1	r	29.73	— .05	36	35	—	14	Z	0	c	#	or	54	36	0.25	
	Valencia ...	29.78	46	N	4	c	29.75	— .06	35	34	—	19	NE	2	bc	3	cpm	54	33	0.56	
	Roche's Point	29.69	53	WSW	2	r	29.73	— .09	42	41	—	11	N	2	bc	3	r	54	40	0.20	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.78	52	SSE	4	o	29.65	— .28	52	52	+	2	SSE	3	cp	4	o	54	50	0.33	
	Scilly ...	29.79	54	S	4	c	29.69	— .20	50	50	—	4	WN	4	opm	4	cp	56	49	0.49	
	Prawle Point ...	29.89	51	SE	3	r	29.78	— .20	53	53	+	2	SSE	4	Cg	3	fr	55	49	0.04	
	Jersey (St. Aubin's)	30.00	55	ESE	1	o	29.84	— .17	53	51	+	1	SE	3	cm	3	q, p, m	58	51	0.02	
	Hurst Castle ...	29.93	51	S	1	bc	29.86	— .17	52	51	+	3	SSW	4	c	2	om, bc	54	48	0.03	
	Dungeness ...	29.93	52	Z	0	m	29.90	— .10	51	51	+	2	S	4	c	3	om	53	49	0.01	
	North Foreland	29.94	50	W	f	f	29.89	— .10	50	49	+	0	S	2	o	3	f	52	43	0.07	
	London ...	29.95	48	SE	1	f	29.87	— .15	53	52	+	5	SSE	1	o	#	gfo	54	45	0.03	
	Oxford ...	29.93	49	SSE	1	o	29.82	— .21	51	50	+	7	S	1	o	#	g, o	51	44	—	
	Cambridge ...	29.96	46	Z	0	o	29.86	— .18	50	50	+	5	SSE	1	o	#	o	50	42	0.03	
PENINSULAR.	Yarmouth ...	29.93	49	E	1	f	29.89	— .13	48	48	—	1	SSE	3	f	3	m, f	50	44	0.02	
	Cuxhaven ...	30.12	39	SE	4	o	30.10	— .06	39	38	+	3	SE	3	r	#	o	41	36	—	
	Berlin ...	30.22	40	SE	3	o	30.22	— .06	32	31	—	6	SE	3	c	#	o	41	30	—	
	Wiesbaden ...	#	#	#	#	#	30.08	— .06	41	39	—	1	E	2	o	#	#	43	39	—	
	Munich ...	30.10	36	SE	3	o	30.09	— .07	36	36	+	1	SE	4	o	#	o	39	35	0.16	
	The Helder ...	30.02	43	ESE	2	f	29.99	— .10	44	44	+	1	SSE	1	f	1	f	45	41	—	
	Brussels (8 a.m.)	#	#	#	#	#	30.00	— .03	46	46	—	2	SSW	1	o	#	o	51	44	—	
	Cape Gris Nez	29.92	50	W	1	m	29.89	— .08	46	46	—	2	SSE	3	m	1	m	52	45	—	
	Paris ...	30.01	50	SSW	2	o	30.00	— .04	45	45	—	3	S	2	o	#	o	56	45	—	
	Brest ...	?	55	S	3	o	?	?	52	51	—	0	S	4	o	#	o	57	43	—	
FRANCE AND BELGIUM.	Lorient ...	29.94	55	SSE	2	o	29.87	— .13	54	53	—	?	SSE	3	c	3	o	57	52	—	
	Rocheport ...	29.95	53	ESE	3	c	29.92	— .12	51	51	+	2	SSE	3	bc	#	c	55	48	—	
	Belfort ...	?	43	W	3	f	?	?	45	44	+	1	W	3	m	#	f	48	43	0.16	
	Lyons ...	30.02	52	S	1	o	30.04	— .06	48	48	—	1	NE	1	o	#	ob	61	47	0.28	
	Nice ...	30.09	49	Z	0	r	30.08	— .05	50	49	—	1	E	1	o	#	r	55	48	0.04	
	Perpignan ...	30.04	50	E	2	o	30.02	— .08	50	50	—	3	W	2	bc	#	o	59	48	—	
	Biarritz ...	29.93	62	S	3	bc	29.93	— .07	59	52	—	1	S	4	bc	3	bc	66	55	—	
	Corunna ...	#	#	#	#	#	29.95	— .07	59	53	+	1	SE	4	o	4	#	64	52	—	
	Lisbon ...	29.86	59	ESE	3	bc	29.91	— .04	56	55	+	2	ENE	3	o	#	bc	64	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 Sunday, 13th Nov. 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.

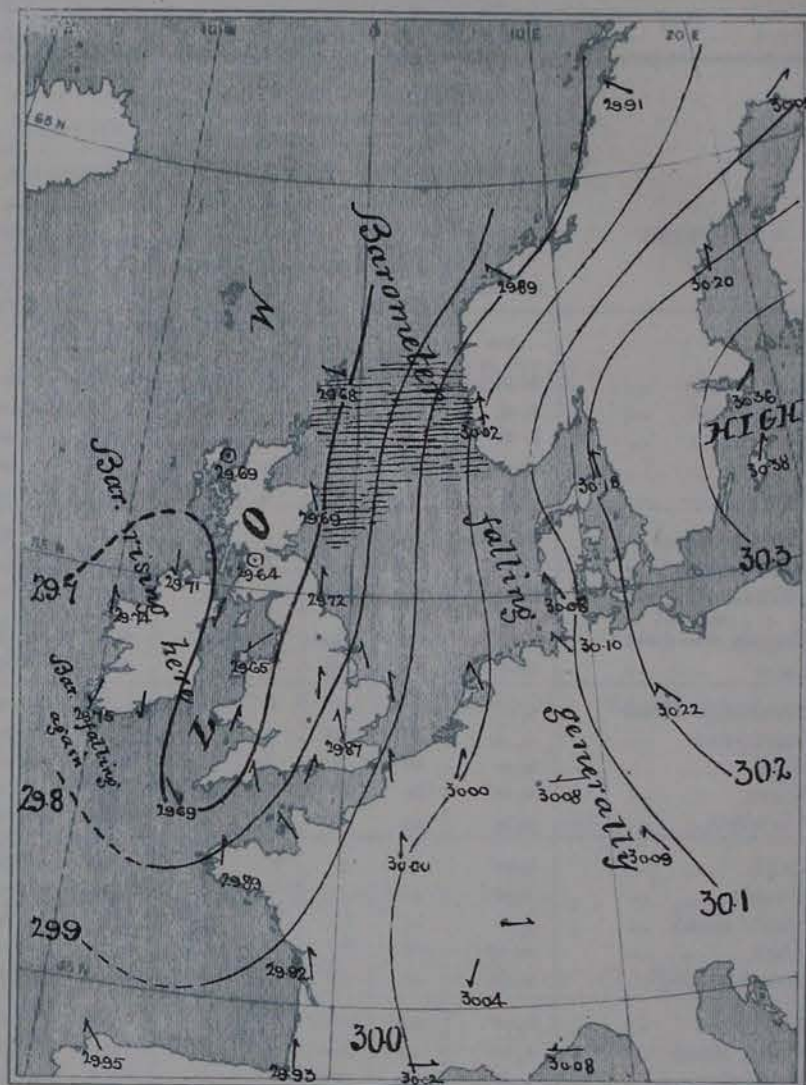
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November
During the 20 Years, 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

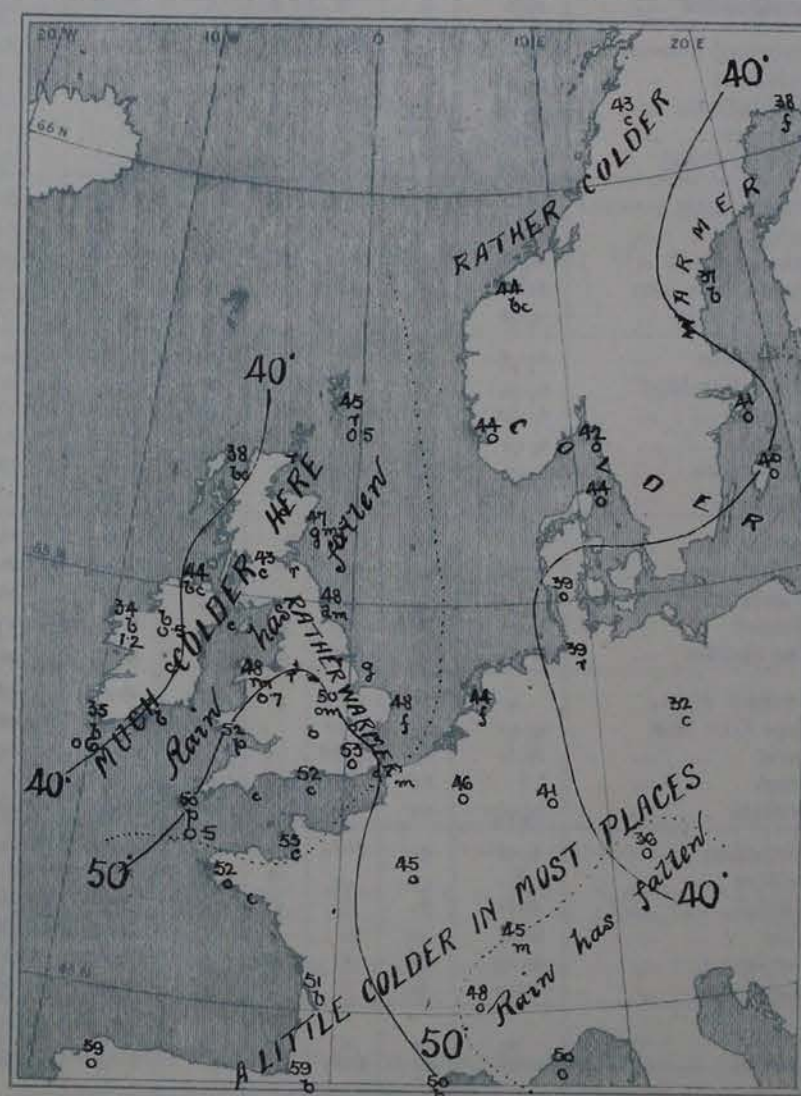
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	At 8 a.m.	Wind	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	1.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.2	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.11
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.0	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.90
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	46.0	45.1	4.04
Scilly	52.4	45.7	50.0	48.0	5.72
Prawle Point	51.1	41.0	46.2	44.7	3.20
Jersey	51.0	41.1	47.7	45.8	1.30
Hurst Castle	50.5	40.6	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.9	2.61
Yarmouth	47.5	32.0	43.1	42.0	3.06

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 the Baltic and southern parts of Finland and Sweden.
 Lowest, 29.7 ins: and less, in a long V-shaped depression extending southwards across Scotland, the Irish Sea, Wales, the English and Bristol Channels and the south-west of England.
 Gradients moderate over Norway and the adjacent part of the North Sea, but slight elsewhere.
 Barometer rising in Ireland and the west of Scotland, but falling elsewhere.

TEMPERATURE

Highest, 59° at Biscaya and Corunna, 56° at Fife, 54° at Gt. Britain, and 53° at Biscaya, Jersey, and in London.
 Lowest, (1) 32° at Berlin, 36° at Munich, and 37° at Helsingfors; (2) 34° at Bismarck, 35° at Valerius Island, and 36° at Krasnoyarsk.
 During yesterday the thermometer rose to between 50° and 55° at all but a few of our northern and north-eastern stations, the highest reading being 58° at Jersey.

WIND

Light to moderate from the S^{west} or SE^{west} over England, the east of Scotland, France, the Netherlands and Germany; strong from the same quarters in the south of Norway with a great tendency to N^{orth} over the greater part of Ireland and the Irish Sea, but S^{outh} at Bismarck and Mullaghmore.
 Light or moderate from the S^{west} or SW^{west} in Sweden.

WEATHER

Dull in most parts of Northern Europe, with rain in the north and east of Scotland and the west and north of England.
 Fine in Ireland and the south-east of France.
 Rain fell yesterday in nearly all parts of the United Kingdom; over England the amounts were slight, but in Ireland and Wales they were larger, and at Bismarck there was as much as 1.2 ins.

SEA

Slight or smooth generally, but rough at Aberdeen and rather rough at Lumburg H^{arbour} and Skutumpah.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

None issued

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

None issued.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.14	46	43	SE	6	o	4	Valencia ...	29.72	47	46	NNW	5	omsp	5
Samburgh Head ...	29.82	48	45	S	5	o	6	Scilly ...	29.82	56	55	S	4	c	5
Stornoway ...	29.64	52	50	SW	6	o	6	Jersey ...	29.95	54	52	E	1	o	2
Aberdeen ...	29.88	47	45	SSE	4	om	4	Hurst Castle ...	29.95	51	51	E	1	om	1
Shields ...	29.93	47	46	SE	3	o	2	Dungeness ...	29.95	58	53	SW	1	f	1
Ardrossan ...	29.87	49	48	ESE	3	o	2	North Foreland ...	29.95	52	51	W	1	f	1
Malin Head ...	29.59	51	49	S	7	o	3	London ...	29.96	52	50	Z	0	fg	3
Mullaghmore ...	29.64	53	50	SE	7	rg	5	Yarmouth ...	29.96	49	48	E	2	cm	3
Belmullet ...	29.66	45	43	NW	4	or	3	Rochefort ...	29.99	53	53	ESE	3	m	3
Holyhead ...	29.83	52	49	SSE	4	cg	3								

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

Weather in morning overcast in almost all countries, but clear and bright at many of the Mediterranean stations; foggy again over the Netherlands and England, rainy and unsettled in some parts of our Islands and at Archangel and Brest. Rain later over the greater part of the United Kingdom — heavy in the west — considerable quantities in several parts of France and southeastern Europe, as well as (locally) in the north of Russia, thunder and lightning at several of the French stations.

Temperatures risen decidedly over England and in Austria, fallen over Scandinavia. Morning readings 51° to 60° and more at the Mediterranean stations (66° at Malta) 50° and more in the west of our Islands, lower elsewhere. Lowest 26° at Moscow, 29° at Kiev, 30° at Riga and Minsk, and below 40° over nearly the whole of Germany and Austria. Raining later to between 50° and 58° over the whole of the United Kingdom, to 60° and more in the south of France and over Italy, and to 70° and more over some parts of Algeria and at Palermo. Changes in following night very irregular over England.

Wind E³ over southeastern Europe, SE³ over Germany, S³ to SW³ over the Baltic and Scandinavia; calm over the greater part of England, SE¹ to S² on our western coast, and blowing strongly in places. Suddenly shifting to NW in Ireland later; becoming very light from S. and SE. over England.

Barometer highest 30.6 ins. and more to 30.3 ins. in an anticyclone lying over Central Russia, Poland, the Baltic and south of Sweden, and exceeding 30.0 ins. over all the rest of Continental Europe. Lowest 29.7 ins. and less, over the west of Ireland and neighbouring parts of the Atlantic, and below 29.9 ins. to the southwestward of Lisbon. A long "V" advancing over Ireland later from the Atlantic, and the depression near Lisbon beginning to move northwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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, 14th November, 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.	
Ins.		°				Ins.		°	°	°						°	Ins.				
SCANDINAVIA.	Haparanda ...	30.07	37	SW	4	0	30.06	-03	35	35	-3	W	4	0	#	0	38	34	-		
	Hernösand ...	30.18	36	S	2	0	30.17	-03	36	34	-1	S	2	0	#	0	45	32	-		
	Stockholm ...	30.29	40	S	2	0	30.26	-10	39	37	-2	SE	0	0	#	0	45	39	-		
	Wisby ...	30.30	38	S	4	0	30.26	-12	37	35	-3	SE	4	0	#	0	43	36	-		
	Bodö ...	29.81	43	E	1	0	29.86	-05	42	41	-1	ESE	1	0	#	0	43	39	0.08		
	Christiansund...	29.87	44	NE	1	0	29.82	-07	45	44	+1	ESE	2	0	3	0	48	43	-		
	Skudesnaes ...	29.95	44	SE	8	0	29.85	-17	47	44	+3	SE	8	0	5	0	?	44	-		
	Christiania Fjord (Færd)	30.15	44	SE	5	0	30.10	-11	42	41	0	ESE	6	0	3	0	44	41	-		
	Skagen (The Sound)	30.17	44	S	6	0	30.10	-04	44	42	0	S	6	0	4	0	45	43	-		
	Fanö ...	30.03	40	SE	4	0	30.04	-04	38	37	-1	SE	4	0	#	0	41	37	-		
BRITISH ISLANDS.	Sumburgh Head	29.66	43	NE	1	0	29.63	-05	43	42	-2	SE	0	0	4	0	45	41	0.64		
	Stornoway ...	29.70	38	SE	0	0	29.62	-07	42	42	+4	NE	3	0	3	0	45	32	-		
	Wick ...	29.66	41	N	1	0	29.67	-00	40	39	-3	N	1	0	3	0	44	37	0.12		
	Nairn ...	29.67	44	ENE	1	0	29.64	-05	42	41	0	SE	0	0	1	0	44	39	0.08		
	Aberdeen ...	29.63	44	WNW	3	0	29.68	-01	41	41	-6	WNW	2	0	5	0	48	41	0.40		
	Leith ...	29.63	44	WNW	3	0	29.66	+04	41	40	-6	SE	1	0	#	0	48	39	0.02		
	Shields ...	29.62	51	SSW	4	0	29.67	-05	48	48	0	SE	1	0	2	0	52	42	0.11		
	Spurn Head ...	29.71	49	SSE	4	0	29.75	-06	50	50	+3	S	4	0	4	0	50	46	0.10		
	York ...	29.69	51	S	1	0	29.71	-05	52	51	+4	SSE	1	0	#	0	52	48	0.45		
	Loughborough	29.73	52	SSW	4	0	29.75	-05	52	51	+2	S	4	0	#	0	53	50	0.09		
BRITISH ISLANDS.	Ardrossan ...	29.63	46	SE	0	0	29.59	-05	43	42	0	ENE	3	0	2	0	50	39	0.01		
	Malin Head ...	29.67	45	ENE	3	0	29.42	-25	45	44	+1	SE	5	0	2	0	47	41	0.14		
	Mullaghmore ...	29.68	43	ESE	2	0	29.32	-36	45	45	+6	ENE	5	0	4	0	46	38	0.12		
	Belmullet ...	29.68	42	S	2	0	29.19	-49	49	48	+15	SE	4	0	#	0	49	33	0.31		
	Donaghadee ...	29.67	42	ENE	3	0	29.53	-16	48	48	+1	SE	4	0	2	0	49	42	0.11		
	Liverpool (Bidston)	29.68	48	WNW	1	0	29.64	-06	52	51	+2	SE	3	0	3	0	53	45	0.13		
	Holyhead ...	29.66	48	ENE	3	0	29.54	-14	53	52	+5	S	4	0	3	0	53	43	0.19		
	Parsonstown ...	29.67	44	SE	0	0	29.33	-34	54	52	+18	SE	2	0	4	0	54	35	0.14		
	Valencia ...	29.61	45	E	1	0	29.27	-34	51	51	+16	SW	4	0	4	0	54	34	1.02		
	Roche's Point	29.66	47	SSE	2	0	29.37	-36	54	53	+12	SSW	6	0	4	0	54	42	0.02		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.68	49	W	1	0	29.56	-09	54	53	+2	SSE	5	0	6	0	54	48	0.10		
	Seilly ...	29.69	50	SSE	3	0	29.55	-14	56	54	+6	S	6	0	4	0	56	48	0.20		
	Prawle Point ...	29.75	51	WSW	5	0	29.77	-06	53	53	0	SSE	5	0	4	0	55	51	0.07		
	Jersey (St. Aubin's)	29.82	55	ESE	2	0	29.82	-02	54	52	+1	ESE	3	0	3	0	57	52	-		
	Hurst Castle ...	29.80	54	SSW	5	0	29.81	-05	53	52	+1	S	5	0	3	0	54	52	-		
	Dungeness ...	29.85	54	SSW	4	0	29.87	-03	53	52	+2	S	4	0	3	0	54	51	0.01		
	North Foreland	29.83	52	S	3	0	29.85	-04	52	51	+2	S	1	0	3	0	52	49	-		
	London ...	29.83	53	S	2	0	29.83	-04	52	50	-1	S	2	0	#	0	57	50	0.03		
	Oxford ...	29.77	52	S	3	0	29.79	-03	52	51	+1	SSE	1	0	#	0	53	51	0.07		
	Cambridge ...	29.82	50	S	1	0	29.83	-03	51	50	+1	S	1	0	#	0	57	48	0.01		
GERMANY & HOLLAND.	Yarmouth ...	29.82	49	S	4	0	29.86	-03	51	50	+3	S	3	0	3	0	57	46	0.01		
	Cuxhaven ...	30.09	40	SE	3	0	30.08	-02	40	39	+1	SSE	3	0	#	0	41	39	-		
	Berlin ...	30.19	36	SE	2	0	30.17	-05	30	29	-2	SE	2	0	#	0	43	28	-		
	Wiesbaden ...	*	*	*	*	*	30.08	-00	44	43	+3	SE	0	0	#	0	45	41	-		
	Munich ...	30.11	39	SE	1	0	30.13	+04	36	36	0	SE	3	0	#	0	41	32	0.04		
	The Helder ...	29.97	46	SE	2	0	29.99	00	44	44	0	SSE	1	0	#	0	46	43	-		
	Brussels (9 a.m.)	*	*	*	*	*	29.98	-07	46	46	0	S	1	0	#	0	54	43	-		
	Cape Gris Nez	29.85	51	SSE	4	0	29.85	-05	49	49	+3	S	3	0	2	0	54	45	0.04		
	Paris ...	29.93	51	SSE	2	0	29.97	-03	46	46	+1	SE	2	0	#	0	51	45	-		
	Brest ...	?	57	SW	4	0	?	?	55	55	+3	SE	4	0	#	0	59	52	-		
FRANCE AND BELGIUM.	Lorient ...	29.80	57	S	3	0	29.78	-09	55	55	+1	S	3	0	3	0	59	54	-		
	Rochefort ...	29.88	59	S	3	0	29.87	-05	53	52	+2	S	4	0	#	0	61	50	-		
	Belfort ...	?	43	E	3	0	?	?	45	44	0	E	3	0	#	0	47	42	-		
	Lyons ...	30.00	54	SSE	1	0	30.05	+01	49	48	+1	S	1	0	#	0	61	46	-		
	Nice ...	30.08	51	SW	1	0	30.14	+06	51	49	+1	SE	0	0	#	0	52	48	0.43		
	Perpignan ...	30.09	56	S	2	0	29.99	-03	49	49	-1	SE	2	0	#	0	62	48	-		
	Biarritz ...	29.88	62	SE	3	0	29.89	-04	62	54	+3	S	3	0	3	0	68	54	-		
	Corunna ...	*	*	*	*	*	29.86	-05	59	56	+3	SSE	2	0	#	0	66	56	-		
	Lisbon ...	29.86	61	S	4	0	29.86	-05	59	56	+3	SSE	2	0	#	0	66	56	-		
	PENINSULA.																				


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. 14TH Nov^r, 1892.

EXPLANATION OF MAP

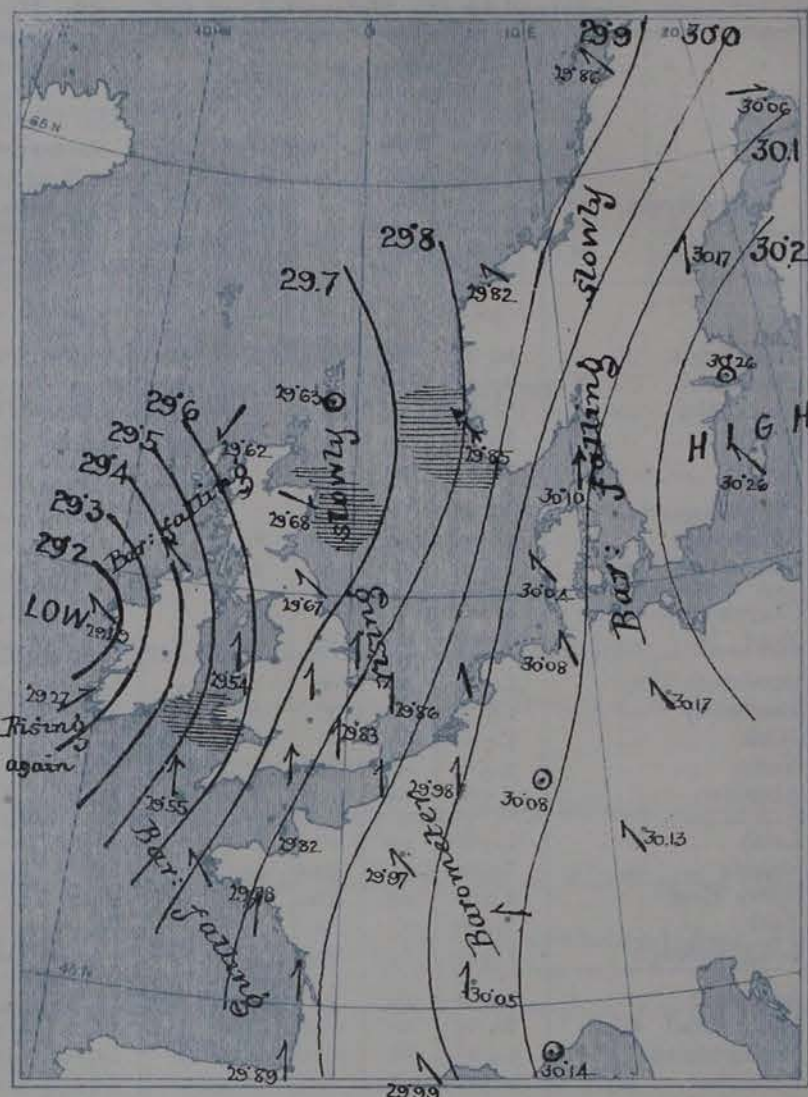
→ → → forces above 10; → → → forces 8 to 10;
 → → → forces 5 to 7; → → → forces 1 to 4.
 (0) = dead calm.

 = Rough  = High

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

MEAN READINGS

Sumburgh Head	29	683
Stornoway	29	699
Wick	29	722
Nairn	29	738
Aberdeen	29	755
Leith	29	789
Shields	29	813
Spurn Head	29	842
York	29	846
Loughborough	29	877
Androsson	29	791
Mullaghmore	29	780
Donaghadee	29	810
Holyhead	29	835
Liverpool	29	851
Parsonstown	29	847
Valencia	29	865
Roche's Point	29	865
Pembroke	29	864
Scilly	29	897
Prawle Point	29	914
Jersey	29	928
Hurst Castle	29	902
Dover	29	893
LONDON	29	898
Oxford	29	896
Cambridge	29	887
Yarmouth	29	866



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

(For the month of November.)

STATIONS.

STATIONS.	TEMPERATURE.				RAINFALL. <i>Inches.</i>
	Daily Max.	Daily Min.	at 8 A.M.		
			Dry.	Wet.	
Sumburgh Head.....	45·6	37·8	42·0	40·3	4·16
Sornoway.....	46·2	37·0	41·7	40·7	4·70
Wick.....	46·1	36·1	41·4	39·8	2·93
Nairn.....	45·3	35·7	39·8	38·2	2·29
Aberdeen.....	46·2	36·5	40·5	38·7	3·11
Leith.....	48·1	37·0	41·7	40·0	2·20
Shields.....	47·3	37·9	42·1	40·5	2·61
Spinn Head.....	46·8	40·2	43·2	41·9	2·40
York.....	47·5	36·4	40·6	39·3	2·19
Loughborough.....	48·0	36·6	40·5	39·3	2·24
Ardrross.....	47·8	39·1	43·1	41·3	3·88
Mullaghmore.....	49·6	41·2	45·1	43·1	4·48
Donaghadee.....	48·3	39·2	43·2	42·0	3·20
Holyhead.....	49·7	42·9	45·8	44·0	3·88
Liverpool.....	47·8	39·6	42·5	40·7	2·96
Parsonstown.....	49·1	37·1	41·9	40·2	2·85
Valencia.....	52·3	43·0	47·4	45·5	5·42
Rocha's Point.....	51·1	42·0	46·1	44·5	4·62
Penubroke.....	50·1	43·8	46·9	45·1	4·94
Sailly.....	52·4	46·7	50·0	48·0	3·72
Prawle Point.....	51·1	41·9	46·2	44·7	3·20
Jersey.....	51·9	44·1	47·7	45·8	3·30
Hurst Castle.....	59·5	40·6	44·9	44·0	3·91
Dover.....	49·3	40·6	44·3	42·8	3·48
LONDON.....	49·3	28·0	42·2	40·8	2·23
Oxford.....	48·2	37·6	41·2	40·0	2·31
Cambridge.....	48·6	35·8	40·7	39·9	2·01
Yarmouth.....	47·5	39·0	43·1	42·0	3·06

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, over the Baltic and the southern parts of Finland and Sweden.

Lowest, 29.2 ins. and less, in a depression lying off the west of Ireland.

Gradients rather steep over the west of our Islands, but moderate or slight elsewhere.

Barometer falling briskly at many of our western stations, but rising again at Valence Island, falling in Scandinavia, Denmark and Germany rising over the eastern part of England and France.

TEMPERATURE

Highest, 62° at Biarritz, 59° at Dublin, 56° at Sally, 55° at Brest and Lorient, and 54° at Harrogate, Rochester, Pembroke and Jersey.

Lowest, (1) 30° at Berlin, 35° at Haparanda, and 36° at Helsingfors and Munich; (2) 40° at Kiel, and 41° at Aberdeen and Leith.

A considerable rise has taken place in Ireland, and the change is spreading northwards.

WIND

S² over England, France, and the south of Ireland, and strong in force on our southwest coast.

SE⁴ or E³ in the north of Ireland and the west of Scotland, light from the NW¹⁰ in the east of Scotland.

SE³ over Norway, Denmark, and Germany, with a gale at Rudersdal.

WEATHER

Cloudy or overcast over the greater part of Northwestern Europe, with rain in Ireland, Wales, and the west of Scotland.

Fine in the southeast of England and also in France, but foggy over the Netherlands.

Since yesterday morning rain has fallen in most parts of the United Kingdom, the largest amounts being 1.0 inch at Valence Island and 0.6 inch at Edinburgh. Lightning was seen at Rosale Point last night.

SEA

Moderate to smooth generally, but ~~rather~~ rough at Pembroke and rather rough at Rudersdal and Aberdeen.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the west of Ireland will probably travel northwards and occasion freshening SE winds in Scotland.

The distribution of pressure is favourable for the advance of further disturbances from the Atlantic.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

SE² and S² winds, freshening considerably; dull, some rain. Milder.

Same as N° 5.

S² winds, freshening; fair at first, then showery.

DISTRICTS.

FORECASTS.

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

Same as N° 0 and 1.

S³ winds, fresh or strong; mild, squally, some rain.

Varying S² (SE to SW) winds, strong in force, squally, rain at times.

WARNINGS

None issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Dir.	F.	WEA.	SEA.		BAR.	THER.		WIND. Dir.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.99	44	41	SE	8	0	5	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.70	45	45	Z	0	60	3	Jersey ...	29.84	56	54	S	2	cm	2
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.85	54	53	S	4	6c	4
Ardrossan ...								North Foreland ...	29.78	52	50	S	2	c	3
Malin Head ...	29.68	46	41	N	3	6	2	London ...							
Mullaghmore ...								Yarmouth ...							
Behmullet ...	29.69	48	44	SE	2	6	*	Rochefort ...	29.91	58	57	SSW	3	0	2
Holyhead ...	29.65	48	46	N	3	60	2								

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

Weather in morning, quiet, dull and foggy over all the eastern half of Europe, dull over France and a great deal of the Mediterranean; cloudy or overcast and unsettled over Great Britain, the North Sea and Finland, with rain in places, clear in Ireland. Showery, with bright intervals over the United Kingdom later but falls slight except at Valencia where more than an inch fell.

Temperature risen England, fallen rapidly Ireland and slightly over the greater part of Europe. Morning readings exceeding 60° at some Mediterranean stations, and exceeding 50° at the remainder as well as in the west of France and many parts of England. Lowest 25° to 30° over the Baltic Provinces, Poland and central Russia, and below 40° over nearly the whole of Germany; 34° & 36° at most of the Irish stations. Rising later to between 55° and 57° over England and Ireland, and to between 59° and 62° over the major part of France.

Wind anticyclonic in direction and light to moderate in force over the eastern half of Europe, mainly S.W. in the west, but currents very complex over the United Kingdom, viz S.W. over the greater part of England, N.W. over the Irish Channel and east of Ireland, S.W. in the northwest; calm prevalent over the west of Scotland and at Portovenice. Varying greatly in Ireland all day, but very little change reported elsewhere.

Barometer Highest 30.5 ins. and more to 30.3 ins. in an Anticyclone over central Russia and exceeding 30.0 ins. over all but the extreme W. and N.W. countries. Lowest 29.7 ins. and less in the Shetlands and Hebrides and in a long V extending thence in a S.W. direction over the Irish Sea, Wales and St. George's Channel. Latter system breaking up later and new well marked depression approaching our S.W. coasts from the S.S.W.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 6TH TO 12TH NOV. 1892.

The weather of last week was exceedingly dull, gloomy and foggy over England and cloudy in Ireland and Scotland with occasional falls of rain. Temperature was a little above the average for the time of year.

At the commencement of the week a large anticyclone spread over our Islands from the southward, the central portion of the system afterwards travelling away in a northeasterly direction to Germany and the Baltic. A series of depressions of considerable size but of no great depth now travelled in a north-northeasterly direction along our extreme western and northern coasts where the wind at times blew strongly, a gale from the S.W. being experienced in the northern parts of Scotland on the 8th. Over England, however, where the conditions were affected by the continental anticyclone, the winds were either calm or light from the E. or S.E. and the weather dull and foggy, the fog and gloom being at times very dense in London.

At the close of the week the barometer was rising in the west in the rear of a V shaped depression which passed over Ireland and Scotland, and the wind was veering to the N.W. in Ireland, with a decided fall of temperature.

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 (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 15th November.

1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. M. 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.
		Ina.	°				Ina.	°	°	°								Ina.		
SCANDINAVIA.	Haparanda ...	30.08	36	SW	2	0	30.07	+0.1	38	3	+0.2	SW	4	0	*	0	2	34	—	
	Hernösand ...	30.15	36	S	4	bc	30.13	-0.4	35	33	-1	S	2	bc	*	bc	3	32	—	
	Stockholm ...	30.27	3	S	0	0	30.27	+0.1	3	36	-2	SW	2	0	*	0	45	36	—	
	Wisby ...	30.28	36	SE	4	0	30.28	+0.2	3	35	0	SE	2	0	*	0	43	36	—	
	Bodö ...	29.88	40	S	0	T	29.82	-0.4	3	36	-3	E	2	0	1	T	43	36	0.24	
	Christiansund...	29.78	43	ESE	4	C	29.65	-1.5	57	45	+6	ESE	6	C	3	C	52	46	0.08	
	Skudesnaes ...	29.86	48	SE	8	T	29.78	-1.2	49	43	0	SE	8	0	6	OT	48	45	—	
	Christiania Fjord (Færder)	30.11	43	SE	5	0	30.10	0.0	43	42	+1	SE	6	0	4	0	43	42	—	
	Skagen (The Scaw)	30.09	42	S	6	0	30.38	-0.2	42	40	-2	S	7	0	5	0	45	41	—	
	Fanö ...	30.06	40	SE	6	0	29.99	-0.5	3	35	-1	SE	6	0	*	0	45	37	—	
BRITISH ISLANDS.	Sumburgh Head	29.52	44	SE	2	0	29.18	-1.4	50	43	+7	SE	7	0	7	0	50	43	0.58	
	Stornoway ...	29.29	44	E	6	T	29.04	-1.5	48	47	+6	W	7	0	5	T	50	40	0.75	
	Wick ...	29.33	45	S	6	T	29.15	-1.5	49	47	+9	S	4	bc	4	T	50	37	0.60	
	Nairn ...	29.30	50	S	0	0	29.17	-1.4	49	45	+5	WSW	1	C	1	0	50	40	0.16	
	Aberdeen ...	29.44	50	SE	6	Cgg	29.27	-1.2	49	47	+8	SW	3	Cu	6	OT, Cg	51	40	0.77	
	Leith ...	29.42	52	S	0	0	29.32	-1.4	48	47	+8	S	2	bc	*	0	56	40	0.09	
	Shields ...	29.38	52	SE	4	0	29.48	-1.5	51	48	+3	SW	2	0	2	fg, OT	53	45	0.04	
	Spurn Head ...	29.65	50	SE	5	0	29.63	-1.2	50	49	0	SW	2	C	3	0	53	48	0.01	
	York ...	29.61	54	SE	2	C	29.59	-1.2	51	49	-1	S	2	0	*	C	53	50	0.02	
	Loughborough	29.67	54	SE	5	bc	29.67	-0.8	49	47	-3	SW	2	C	*	bc, Cg	59	49	0.02	
GERMANY & HOLLAND.	Ardrossan ...	29.26	52	ESE	5	T	29.40	-1.5	49	47	+6	WSW	6	C	5	T	50	41	0.44	
	Malin Head ...	29.12	51	S	4	OT	29.40	-0.2	47	45	+2	WNW	5	0	3	OT	53	45	0.58	
	Mullaghmore ...	29.14	49	SW	1	C	29.50	+1.8	47	45	+2	WNW	5	0	4	OT, C	57	45	0.38	
	Belmullet ...	29.12	49	S	3	0	29.56	+1.3	46	45	-3	WSW	4	0	*	C, 0	52	45	0.18	
	Donaghadee ...	29.29	53	SE	7	T	29.51	-0.2	47	46	-1	WSW	5	C	4	0	52	47	0.35	
	Liverpool (Bilston)	29.48	55	SE	5	0	29.61	-0.3	50	46	-2	SW	2	0	3	0	57	47	0.01	
	Holyhead ...	29.38	54	SE	6	mgg	29.35	+0.5	50	48	-3	WSW	4	Cg	4	OT, mgg	57	50	0.21	
	Parsonstown ...	29.21	50	SE	1	0	29.60	+1.2	45	44	-9	S	0	0	*	0	56	45	—	
	Valencia ...	29.25	57	SW	5	omp	29.66	+1.3	48	46	-3	S	1	om	2	OT, omp	53	47	0.21	
	Roche's Point	29.26	52	SW	7	T	29.65	+1.2	47	46	-7	SE	1	C	4	OT, 7	54	46	0.25	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.40	54	SW	7	T	29.66	+1.0	51	50	-3	WSW	4	Cg	5	T	56	50	0.20	
	Seilly ...	29.47	55	SW	7	T	29.69	+1.4	52	49	-4	WSW	2	0	4	T	56	48	0.35	
	Prawle Point ...	29.63	54	S	5	0	29.73	+0.1	45	45	-4	WSW	2	C	2	OT, 0	53	48	0.25	
	Jersey (St. Aubin's)	29.76	55	SE	3	bc	29.78	-0.4	56	55	+2	SE	2	0	3	bc, Cg	57	52	0.10	
	Hurst Castle ...	29.72	55	S	5	bc	29.77	-0.4	51	51	-2	W	4	md	4	C, bc	57	50	0.04	
	Dungeness ...	29.81	54	S	5	C	29.78	-0.5	56	55	+3	SW	5	Cg	4	C	56	52	0.01	
	North Foreland	29.81	52	SE	2	bc	29.76	-0.5	55	53	+3	SW	4	Cg	4	bc	55	53	—	
	London ...	29.78	54	S	3	cr	29.73	-1.0	56	55	+4	S	3	0	*	bc, Cg	62	52	0.01	
	Oxford ...	29.67	54	SE	3	T	29.71	-0.8	50	49	-2	SW	2	0	*	C, T	60	50	0.21	
	Cambridge ...	29.75	52	S	2	C	29.71	-1.2	53	53	+4	SW	2	0	*	C	60	50	—	
PENINSULA.	Yarmouth ...	29.82	50	S	4	C	29.72	-1.4	54	53	+3	S	4	cm	4	C, C	54	47	—	
	Cuxhaven ...	30.08	30	ESE	2	C	30.03	-0.5	35	34	-5	SE	2	C	*	C	41	34	—	
	Berlin ...	30.19	33	SE	1	bc	30.15	+0.2	30	30	0	ESE	2	0	*	bc	35	28	—	
	Wiesbaden ...	30.12	43	S	0	0	30.08	0.0	44	44	0	S	0	0	*	0	45	43	—	
	Munich ...	30.12	43	S	0	0	30.13	0.0	42	42	+6	WNW	1	C	*	0	48	36	0.04	
	The Helder ...	29.90	45	SE	1	bc	29.88	-1.1	46	45	+2	S	2	C	*	bc	46	43	0.04	
	Brussels (D. a.m.)	29.83	52	SE	4	bc	29.80	-0.5	53	53	+6	SE	4	0	3	bc	53	46	—	
	Cape Gris Nez	29.83	52	SE	4	bc	29.80	-0.5	53	53	+6	S	4	C	0	bc	57	48	—	
	Paris ...	29.85	57	SE	2	0	29.87	0.0	50	49	+4	S	2	0	*	0	60	46	—	
	Brest ...	29.85	58	SW	4	T	29.87	0.0	53	53	+4	N	1	0	2	T	59	50	0.32	
GERMANY & HOLLAND.	Lorient ...	29.77	58	S	4	0	29.79	+0.1	57	57	+2	SW	6	0	4	0	60	53	0.24	
	Rochefort ...	29.87	58	SE	4	bc	29.82	+0.5	53	53	0	S	4	C	*	bc	60	50	—	
	Belfort ...	29.87	57	NE	2	C	29.81	+1.6	52	51	+3	S	1	0	*	C	60	48	—	
	Lyons ...	30.17	57	S	4	C	30.15	+0.3	48	48	-2	E	1	C	2	C	52	48	0.20	
	Nice ...	30.17	57	E	1	C	30.17	+0.3	48	48	-2	E	1	C	2	C	52	48	—	
	Perpignan ...	29.88	57	NE	2	bc	29.86	+0.7	48	48	-1	SW	2	bc	*	bc	60	47	—	
	Biarritz ...	29.82	64	S	3	C	29.86	+0.7	64	53	+2	S	5	bc	3	C	70	53	—	
	Corunna ...	29.92	61	S	4	bc	30.04	+1.8	57	56	-2	ESE	2	bc	*	bc	61	55	—	
	Lisbon ...	29.92	61	S	4	bc	30.04	+1.8	57	56	-2	ESE	2	bc	*	bc	61	55	—	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 15th Nov^r 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.

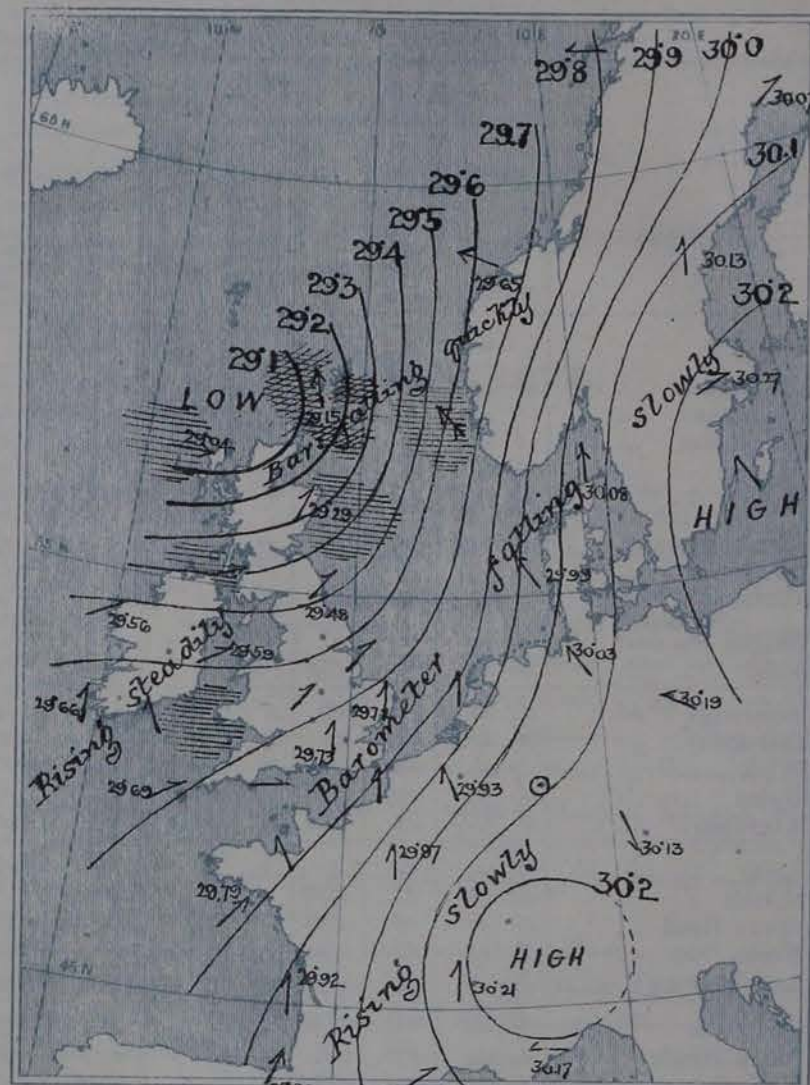
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.861
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.833
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

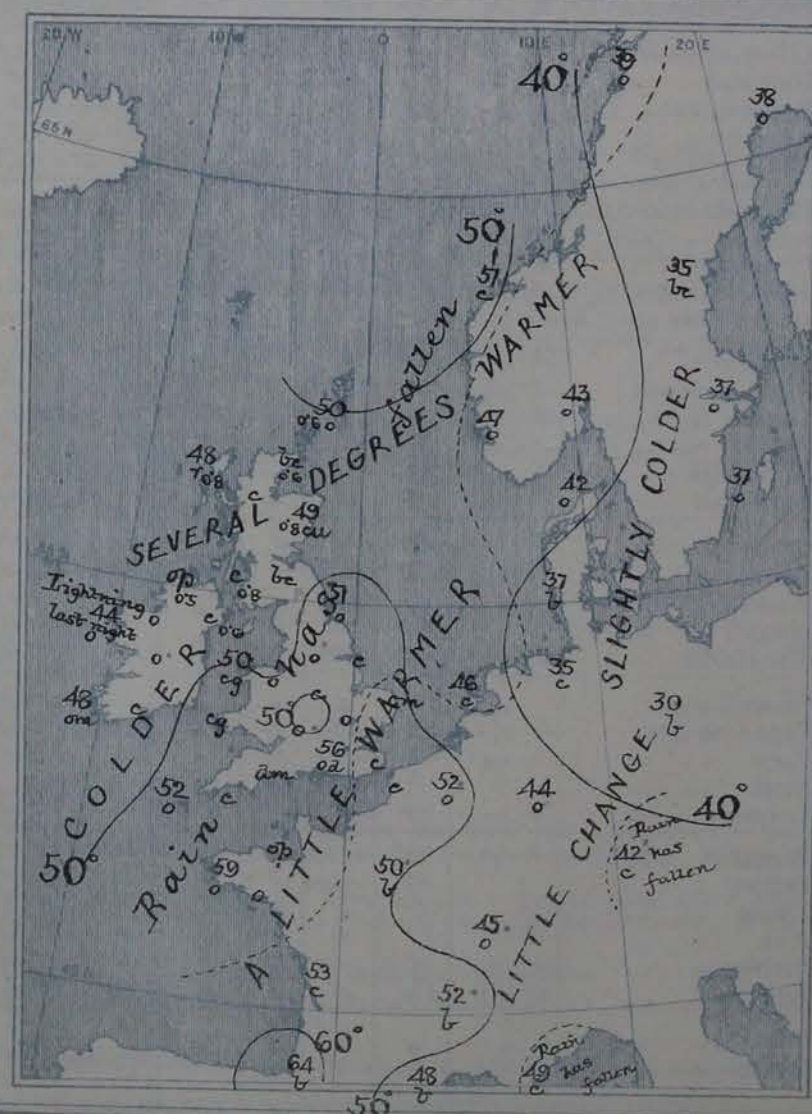
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 a.m.	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.1	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.11
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.5	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	1.48
Donaghadee	48.3	39.2	43.2	42.0	5.20
Holyhead	49.7	42.9	45.8	44.0	8.88
Liverpool	47.8	39.6	42.5	40.7	2.00
Parsonstown	49.1	37.4	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.12
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	46.9	45.1	4.04
Scilly	52.4	46.7	50.9	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	5.30
Hurst Castle	50.5	40.6	44.9	41.0	3.01
Dover	49.2	40.6	44.3	42.8	3.48
LONDON	49.8	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.0	2.04
Yarmouth	47.5	39.0	43.1	42.0	3.05

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 to 30.0 in. over the whole of Russia, the Baltic, Germany, and the southeastern half of France.

Lowest, 29.1 in. and less, in a depression, the centre of which is now to the northward of Scotland.

Gradients steep over the North Sea, Scotland, and Norway, moderate to slight on the Continent generally, and over the southern part of our Islands.

Barometer rising quickly in the east and southwest, falling fast in the far north.

TEMPERATURE

Highest, 57° at Lisbon, 56° to 54° over the southeast of England, and 49° to 51° along our northeast coast.

Lowest, (1) 30° at Berlin, 35° at Copenhagen; (2) 35° at Helsingfors, 38° to 39° in Lapland.

It has been very high for time of year over our Islands, the maxima recorded being 60° to 62° over our southmidland and the home counties, and 55° to 59° over the greater part of Ireland and England generally.

WIND

S¹ to SE¹ strong to a gale on the eastern shores of the North Sea and in the Firths; W¹ strong in the Hebrides, S¹ to W¹ moderate over England, Ireland, and the two Channels; S¹ fresh over the Bay of Biscay.

In the south of Ireland the wind after veering to SW has backed to S again. Strong S¹ gales were felt in the east of Scotland last night, and moderate S¹ gales in the St. George's Channel and Irish Sea.

WEATHER

Very cloudy and unsettled over our Islands generally and the North Sea, with rain in several places, and a threatening appearance at Aberdeen, in many parts of France, however, the sky is clear.

Rain has fallen during some parts of the preceding 24 hours in all districts, and in Scotland the fall was large. Lightning has occurred at Kilmallack.

SEA

Very rough in the north and northwest, rather so in the west, moderate generally elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The appearance is still very unsettled and an early renewal of strong S¹ winds or gales in the west and north is probable. Warning signals are, therefore, kept up in those districts.

FORECASTS

For the 24 hours ending at NOON on 16th November, 1892.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW ² to W ² winds, then backing again; very changeable.	6	SCOTLAND WEST	Wind backing to S again and increasing; very changeable and unsettled.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.	Same as No 5.	8	ENGLAND S.W.	S ² and SW ² winds, increasing in force; rainy, squally, mild.
3	ENGLAND EAST		9	IRELAND NORTH	
4	MIDLAND COUNTIES		10	IRELAND SOUTH	
5	ENGLAND SOUTH		WARNINGS		
			The <u>SOUTH CONE</u> is still flying in districts 0, 1, and 6 to 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.			
Skudeenæs ...	29.87	48	45	SE	8	0	5	Valencia ...	29.21	53	52	SE	4	cf	4
Sumburgh Head ...	29.65	44	43	SE	0	0	4	Scilly ...	29.49	53	53	SE	7	bc	5
Stornoway ...	29.45	44	43	E	4	7	4	Jersey ...	29.76	56	54	SE	5	c	4
Aberdeen ...	29.56	47	46	SE	4	0	5	Hurst Castle ...	29.75	56	53	SE	5	c	4
Shields ...	29.61	52	52	SE	3	0	2	Dungeness ...	29.82	55	54	SE	5	c	4
Ardrossan ...	29.46	53	52	SE	4	7	4	North Foreland ...	29.82	55	53	SE	1	bc	3
Malin Head ...	29.17	52	52	SE	5	0	2	London ...	29.78	61	55	SE	3	bc	*
Mullaghmore ...	29.17	53	53	SE	5	0	3	Yarmouth ...	29.83	51	50	SE	3	cf	3
Belmullet ...	29.17	52	50	SE	3	0	*	Rochefort ...	29.88	61	58	SE	4	bc	*
Holyhead ...	29.47	56	53	SE	5	0	5								

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

Weather cloudy or dull over the greater part of our Islands and the Continent, with fog over the Netherlands, Austria, and northern Italy, with rain in Ireland, Wales, and the west of Scotland, and with a thunderstorm at London. Fine and bright in the southeast of England, the west of France, and the greater part of Italy and Algeria. Rain extending later to nearly all parts of the United Kingdom, the fall being heavy in the west and north of Scotland. Lightning seen at Belmullet at night.

Temperature fallen a little over the greater part of northern and central Europe, but risen elsewhere - quickly in Ireland. Morning readings, highest 66° at Algiers, 65° at Corunna, and 64° at Sangerhausen, Remous and Malta; above 50° in most parts of Ireland and England, and as high as 56° at Scilly. Lowest 27° at Riga and Moscow, 28° at Mirel, 29° at Warsaw, and 30° at Newfahrewasser, Berlin, Prague, and Ruck-Beth. Daily maxima over our Islands very high for time of year; thermometer exceeding 55° in many places, and reaching 60° at Oxford and Cambridge, and 62° in London. Successive night very warm over England.

Wind light to fresh from the S^W over England, France and the western parts of the Spanish Peninsula; S^W in the south of Ireland, SE in the north of that country; calm or light from the NW in the east of Scotland. SE over Norway, Denmark, North Germany, and the Baltic, with a gale at Skudeenæs; S^W in Finland, light E in the south of Russia, and also in many parts of Austria, Italy, and the south of France. S or S^W in Algeria. Subsequently increasing to a moderate gale from the S^W in the west of our Islands; a strong gale from the same quarter experienced in the north and east of Scotland at night.

Barometer highest 30.2 in. to 30.5 in. or a little more in a large anticyclone covering Russia, the Baltic, eastern Germany, and the greater part of Austria. Lowest 29.2 in. and less, in a well marked depression lying off the west of Ireland. Depression subsequently travelling in a north-westerly direction along our extreme western coast. Gradients becoming steep over nearly the whole of our Islands and the North Sea.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 16th November, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. M. 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).	Weather.	SHADE TEMP.		Amount of Rainfall.			
		Reading at 32° F. and Sea Level.	Dry Bulb.	Wet Bulb.	Force (0 to 12).		Weather.	Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.			Force (0 to 12).	Weather.		Max.	Min.	
																					Inch.
SCANDINAVIA.	Haparanda ...	30.13	37	SW	4	r	30.16	+0.09	38	37	0	SW	6	0	r	38	34	-			
	Hernösand ...	30.17	37	S	6	b	30.25	+0.12	36	33	+1	S	6	0	b	?	32	-			
	Stockholm ...	30.26	38	S	2	o	30.25	-0.02	41	38	+4	S	2	0	o	45	34	-			
	Wishby ...	30.28	39	SSE	2	o	30.30	+0.01	41	39	+4	S	2	0	o	41	34	-			
	Bodö ...	29.69	41	E	6	o	29.80	-0.02	42	39	+3	E	4	0	o	42	36	-			
	Christiansund...	29.56	52	SE	8	c	29.78	+0.13	49	47	-2	HSW	1	0	c	52	48	-			
	Skudesnaes ...	29.73	48	SE	7	o	29.80	+0.07	48	46	+1	SE	5	0	o	49	45	-			
	Christiania Fjord (Færd)	30.04	41	SE	6	o	30.02	-0.08	42	41	-1	ESE	7	0	o	43	41	-			
	Skagen (The Seaw)	30.01	42	S	8	r	29.99	-0.09	42	41	0	S	8	0	r	43	41	0.08			
	Fanö ...	29.95	39	ESE	6	o	29.93	-0.06	39	38	+2	ESE	6	0	o	39	37	0.04			
BRITISH ISLANDS.	Sumburgh Head	29.40	46	W	6	c	29.70	+0.55	42	41	-8	Z	0	c	bc, c	51	39	0.03			
	Stornoway ...	29.52	41	HW	4	o	29.67	+0.63	42	42	-6	W	3	c	o	48	38	0.06			
	Wick ...	29.57	43	SW	1	c	29.71	+0.56	39	38	-10	SW	1	bc	c	49	37	-			
	Nairn ...	29.58	43	W	1	c	29.71	+0.54	34	33	-13	Z	0	b	c	51	31	-			
	Aberdeen ...	29.62	44	W	2	bc	29.78	+0.49	34	33	-15	HW	2	bc, mw	c, bc	50	33	-			
	Leith ...	29.67	45	SW	1	bc	29.78	+0.46	36	36	-13	SW	1	m	bc	56	34	-			
	Shields ...	29.70	49	HSW	1	o	29.77	+0.29	45	43	-6	HW	1	om	p, c, o	52	44	-			
	Spurn Head ...	29.74	48	SSW	2	b	29.74	+0.11	47	47	-3	HE	1	ogm	b, r	53	45	0.06			
	York ...	29.73	50	S	1	o	29.80	+0.21	46	45	-5	E	1	o	o	53	45	0.06			
	Loughborough	29.77	49	SE	1	o	29.80	+0.13	45	44	-4	HW	1	ogt	o	54	44	0.12			
BRITISH ISLANDS.	Ardrossan ...	29.69	43	HSW	2	bc	29.79	+0.39	40	39	-9	ENE	1	bw	c, bc	52	38	-			
	Malin Head ...	29.66	45	W	2	bc	29.76	+0.36	44	43	-3	HSW	4	op	c, bc	47	41	0.01			
	Mullaghmore...	29.69	44	SW	2	b	29.81	+0.31	44	43	-3	SW	4	cp	c, bc	49	40	0.05			
	Belmullet ...	29.71	42	HW	2	b	29.82	+0.26	43	42	-3	SW	2	b	c, b	49	41	0.10			
	Donaghadee ...	29.71	46	SW	3	bc	29.82	+0.31	37	37	-10	W	3	b	bc	50	34	0.01			
	Liverpool (Bldston)	29.74	49	HSW	1	o	29.81	+0.20	45	44	-5	HE	1	o	o	52	45	0.04			
	Holyhead ...	29.72	49	SW	1	og	29.81	+0.22	46	45	-4	Z	0	cg	c, og	52	46	0.03			
	Parsonstown ...	29.72	45	Z	0	o	29.87	+0.27	34	33	-11	Z	0	b	o	49	30	0.05			
	Valencia ...	29.75	45	SE	1	bc	29.93	+0.27	43	42	-5	Z	0	bc	om, bc	50	34	0.01			
	Roche's Point	29.71	48	S	1	o	29.89	+0.23	41	40	-6	HW	2	b	o	51	39	0.01			
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.73	51	SW	1	o	29.81	+0.15	47	47	-4	N	2	ogp	o	52	47	0.13			
	Scilly ...	29.70	52	SE	1	o	29.73	+0.04	51	50	-1	N	5	r	o	56	48	0.16			
	Prawle Point ...	29.75	50	SSE	1	o	29.73	-0.00	48	48	-1	N	4	r	o, p	53	48	0.54			
	Jersey (St. Aubin's)	29.71	58	SSW	3	c	29.76	-0.02	55	54	-1	SSE	3	r	p, mg, r	58	54	0.68			
	Hurst Castle ...	29.78	51	SSW	1	r	29.74	-0.03	52	52	+1	E	1	r	o, d, r	53	50	0.41			
	Dungeness ...	29.79	56	SW	4	r	29.76	-0.02	55	55	-1	SSW	3	cp	r	56	54	0.17			
	North Foreland	29.79	55	SSW	2	cp	29.76	-0.00	54	53	-1	SSW	1	og	c, p	57	53	0.08			
	London ...	29.80	52	SW	1	od	29.75	+0.02	54	52	-2	HW	1	g, d	og, or	56	51	0.67			
	Oxford ...	29.78	50	SW	1	o	29.78	+0.07	46	46	-4	HW	1	og	c, or	55	46	0.20			
	Cambridge ...	29.78	50	S	1	o	29.76	+0.05	48	48	-1	SSW	3	em	o	56	47	0.26			
GERMANY & HOLLAND.	Yarmouth ...	29.79	52	W	1	rm	29.75	+0.03	53	52	-1	SSW	3	em	o, r	55	47	0.40			
	Cuxhaven ...	30.01	40	SSE	4	o	30.00	-0.03	40	39	+5	SSE	3	o	o	43	35	-			
	Berlin ...	30.18	32	SE	2	b	30.16	-0.03	33	32	+3	SE	3	o	o	36	28	-			
	Wiesbaden ...	30.05	34	S	2	b	30.05	-0.03	44	43	+1	Z	0	o	o	48	43	-			
	Munich ...	30.15	44	E	1	bc	30.11	-0.02	40	40	-2	SSE	2	o	bc	54	39	-			
	The Helder ...	29.90	50	S	2	c	29.87	-0.01	50	50	+4	SSE	1	c	o	52	45	-			
	Brussels (9 a.m.)	29.88	52	S	5	o	29.88	-0.05	52	50	-2	SSE	3	c	o	61	50	-			
	Cape Gris Nez	29.82	56	S	5	o	29.79	-0.01	53	52	-2	SSW	2	r	o	59	53	0.04			
	Paris ...	29.95	57	S	2	o	29.88	-0.09	52	50	+2	SSE	3	c	o	62	49	-			
	Brest ...	29.75	59	S	5	o	29.71	-0.08	56	55	-1	SE	4	r	o	59	50	1.18			
FRANCE AND BELGIUM.	Lorient ...	29.75	59	S	5	o	29.71	-0.08	56	55	-1	SE	4	r	o	63	55	0.71			
	Rochefort ...	29.88	57	S	3	bc	29.79	-0.13	55	53	+2	S	4	c	bc	63	50	-			
	Belfort ...	30.06	57	SW	3	c	30.01	-0.20	44	41	+1	SW	2	c	o	61	42	0.12			
	Lyons ...	30.15	53	Z	0	o	30.13	-0.04	49	48	+1	S	4	b	o	63	52	-			
	Nice ...	30.04	53	E	5	b	29.96	-0.10	45	45	-3	E	2	b	o	54	48	-			
	Perpignan ...	29.94	65	S	4	b	29.84	-0.12	66	55	+2	S	6	o	o	62	43	-			
	Biarritz ...	29.94	65	S	4	b	29.84	-0.12	66	55	+2	S	6	o	o	70	61	-			
	Corunna ...	30.01	62	SSW	4	o	30.02	-0.02	59	57	+2	HSW	3	b	o	66	57	0.35			
	Lisbon ...	30.01	62	SSW	4	o	30.02	-0.02	59	57	+2	HSW	3	b	o	66	57	0.35			
	PENINSULAR.	30.01	62	SSW	4	o	30.02	-0.02	59	57	+2	HSW	3	b	o	66	57	0.35			

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday, 16. Nov. 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.

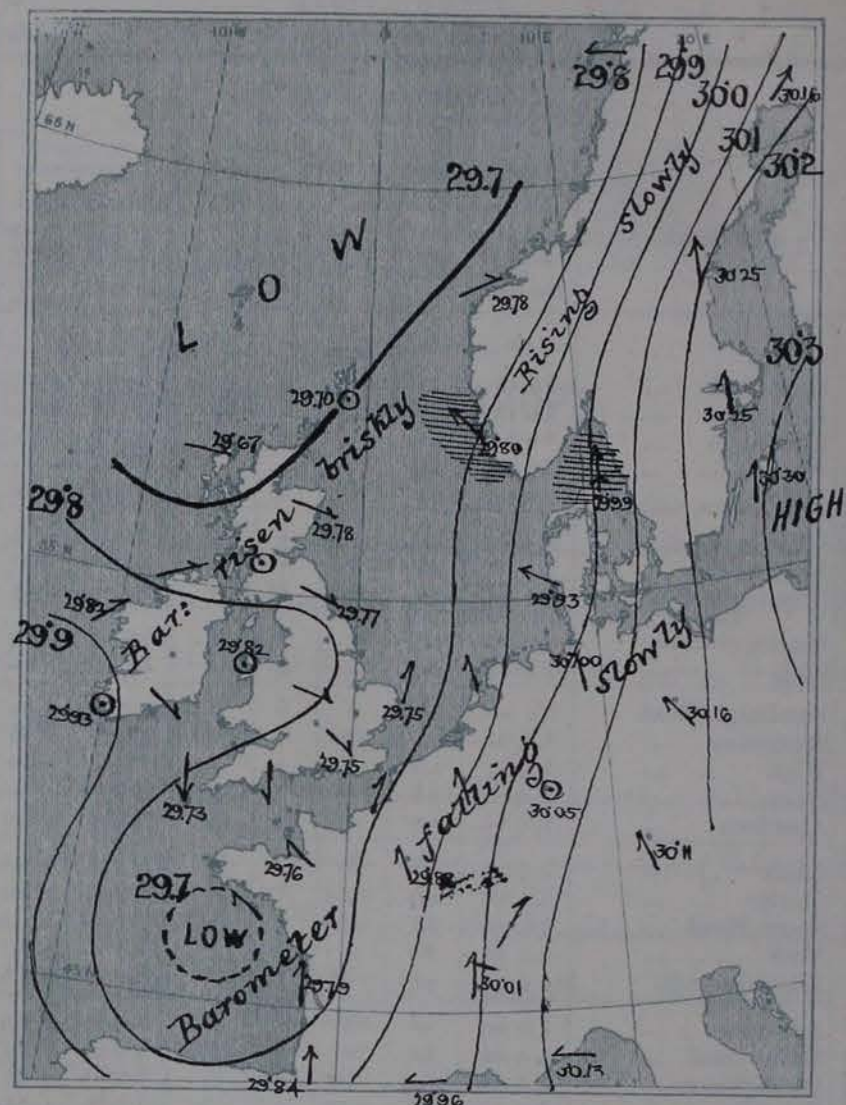
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November
During the 20 Years, 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.690
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.780
Shields	29.813
Spurn Head	29.812
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.861
Sally	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 .05 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.20
Aberdeen.....	46.2	36.5	40.5	38.7	3.11
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.0	42.1	40.6	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.4	40.6	39.3	2.10
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.3	3.88
Mullaghmore.....	49.0	41.2	45.1	43.1	1.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.06
Parsonstown.....	49.1	37.1	41.0	40.2	2.83
Valencia.....	52.2	43.0	47.4	45.5	5.42
Roche's Point.....	51.1	42.0	46.1	44.6	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.01
Sally.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.20
Jersey.....	51.0	41.1	47.7	45.8	3.30
Hurst Castle.....	50.5	40.6	44.9	44.0	3.01
Dover.....	49.3	40.6	44.3	42.8	3.18
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.6	41.2	40.0	2.31
Cambridge.....	48.6	35.8	40.7	39.9	2.01
Yarmouth.....	47.5	39.0	43.1	42.0	3.06

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.2 in: and more to 29.9 in: over Russia, the Baltic, central, and a good deal of Western Europe; (2) 29.9 in: and more off the southwest of Ireland.
 Lowest, (1) 29.7 in: and less, over the extreme north of Scotland, and (2) about 29.7 in: in a depression over the Bay of Biscay, below 29.8 in: over the south and east of England!
 Gradients moderate for S^W winds over the North Sea and Continent, slight for N^W to W^W winds in our Islands generally.
 Barometer rising in our Islands — most in the west and north — falling on the Continent.

TEMPERATURE

Highest, 66° at Biarritz, 54° to 56° over Brittany, the Channel and southeast of England, 52° at Paris, 50° at the Helder.
 Lowest, (1) 33° at Berlin, 36° at Harisand, 38° at Haparanda; (2) 34° at Krasnodar and Akur, 36° at Gith.
 The maxima yesterday ranged between 50° and 58° over Great Britain, the night was cold over Scotland and Ireland — the lowest shade values being 30° at Harisand, 31° at Akur — but over England it was again warm.

WIND

Very light from the W^W at our northern and northwestern stations, from various directions over the greater part of England; moderate from N. over Cornwall and Devon.

S^W over France, the Netherlands, and North Sea — and blowing strongly on the Danish coast. SE^W over Germany.

WEATHER

Fine and bright in Ireland and Scotland as well as at Lisbon and in the southern part of France and Germany; very gloomy and rainy over the southern parts of England, Brittany and the north of France — foggy in London.

The rainfall at stations in the latter district has been heavy (0.5 in. to 1.2 in.) and the fall continues. Small amounts have fallen in other parts of our Islands.

SEA

Rough in the far north, moderate in the southeast, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the new anticyclone in the west seems to be spreading over the country generally it does not seem to be possessed of much energy. Colder weather is probable with fog in many places.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Wind veering N^W₂₀, very light or Calm; cold, hazy or foggy in places.

Varying light winds and Calms; weather becoming drier and colder, but continuing foggy.

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

Same as Nos 0 and 1.

Varying airs and Calms; fair, but foggy in places, very cold tonight.

WARNINGS

None issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Shudehoe ...	29.70	48	46	SE	8	o	1	Valencia ...	29.70	50	49	2	0	om	2
Sumburgh Head ...	29.26	47	45	SW	7	bc	1	Scilly ...	29.69	53	51	S	4	o	4
Stornoway ...	29.38	46	45	W	4	1	4	Jersey ...	29.80	58	57	S	3	pgm	3
Aberdeen ...	29.48	49	46	SW	3	cq	6	Hurst Castle ...	29.78	52	51	SW	3	od	4
Shields ...	29.62	52	47	WSW	1	c	2	Dungeness ...	29.79	55	55	SW	4	1	3
Ardrossan ...	29.61	50	47	WSW	3	c	2	North Foreland ...	29.77	55	54	SSW	4	c	4
Malin Head ...	29.58	47	45	WNW	4	c	2	London ...	29.78	53	52	WSW	2	c	#
Mullaghmore ...	29.63	48	46	SW	4	o	3	Yarmouth ...	29.75	54	53	W	3	adm	4
Belmullet ...	29.65	49	46	WNW	2	c	#	Rochefort ...	29.93	59	58	SE	3	bc	*
Holyhead ...	29.68	51	48	WSW	3	c	2								

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

Weather cloudy or dull over the greater part of our Islands and the Continent, with showers of drizzling rain in the south of England, and with steady rain at Leghorn and Naples. Fine in the east of Scotland as well as in France, Spain and Central Italy. Heavy rain falling later in the south of England and the northwest of France, the largest amount being 1.2 in. at Brest.

Temperature risen in the north of our Islands, but changed irregularly elsewhere. Morning readings highest 66° at Algiers, 65° at Malta, 64° at Corunna and Biarritz, and 63° at Nemours, above 50° in many parts of England and France, and as high as 56° in London and at Dungeness. Lowest 27° at Moscow and Riga, 29° at St. Petersburg and 30° at Berlin and Swinemünde, below 40° at most of the Swedish, Russian, Danish, German and Austrian stations. Daily maxima exceeding 55° in many parts of Great Britain, exceeding 60° in France, and reaching 70° at Biarritz.

Wind light to fresh from between S. and W. in our Islands and from S. in France. Strong from the SE^W on the eastern shores of the North Sea, with a gale at Skudesnaes. Light from S. or SW. over Sweden and northern Russia, and from NE in the south of Russia. Variable over Germany and Austria; N^W or NW^W in Italy; NE^W in Spain, S^W in Algeria. Subsequently falling light in all parts of the United Kingdom, and becoming rather variable in the southwest.

Barometer highest 30.4 in. and upwards over Central Russia, 30.2 in. and upwards over the whole of Russia, the Baltic, eastern Germany, Austria, Italy, and Switzerland. Lowest 29.1 in. and less, in a depression lying off the north of Scotland. Gradients steep over Norway and the northern parts of our Islands and the North Sea. Depression subsequently travelling away to the northward but shallow secondary disturbances appearing off our southwestern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 17th November,

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.					
Ins.		°					Ins.	°	°	°						°	ins.					
SCANDINAVIA.	Haparanda ...	30.23	37	SW	14	0	30.28	+12	39	37	+1	SW	6	0	#	0	39	36	-			
	Hernösand ...	30.29	37	S	6	0	30.32	+07	39	37	+3	S	6	0	#	0	39	30	-			
	Stockholm ...	30.34	41	S	2	0	30.38	+13	39	37	-2	S	2	0	#	0	45	36	-			
	Wisby ...	30.35	37	SSE	4	0	30.38	+08	37	36	-4	SSE	2	0	#	0	43	34	-			
	Bodö ...	29.92	40	E	2	0	30.01	+21	42	40	0	E	1	0	#	0	43	37	-			
	Christiansund...	29.84	47	ESE	1	0	30.05	+27	45	42	-4	NSW	2	0	3	0	49	43	0.12			
	Skudesnaes ...	29.84	45	ESE	2	1	30.01	+21	42	40	-6	NNE	2	0	3	0	48	39	-			
	Christiania Fjord (Fæder)	30.02	44	SSE	7	0	30.13	+11	43	42	+1	ESE	7	0	5	0	44	42	-			
	Stagen (The Scaw)	30.04	43	S	8	0	30.09	+10	42	40	0	S	8	0	6	0	43	41	-			
	Fanö ...	29.96	41	ESE	6	1	30.00	+07	39	38	0	SE	4	0	#	0	43	39	0.24			
BRITISH ISLANDS.	Sumburgh Head	29.76	42	Z	0	0	29.94	+24	42	41	0	SSE	1	0	3	0	47	38	0.01			
	Stornoway ...	29.74	41	W	3	0	29.75	+08	48	47	+6	S	6	0	6	0	48	37	-			
	Wick ...	29.79	40	SW	1	0	29.89	+18	44	42	+5	SW	4	0	3	0	44	36	-			
	Nairn ...	29.78	41	Z	0	0	29.88	+17	40	37	+6	SSE	2	0	1	0	48	31	-			
	Aberdeen ...	29.86	35	W	1	0	29.99	+21	34	32	0	SW	1	0	3	0	40	29	-			
	Leith ...	29.88	41	Z	0	0	30.01	+23	30	?	-6	S	1	0	#	0	44	29	-			
	Shields ...	29.88	45	NW	2	0	30.02	+25	36	35	-9	NW	2	0	2	0	48	34	-			
	Spurn Head ...	29.85	47	NW	2	0	30.02	+28	42	42	-5	NW	3	0	2	0	48	40	0.02			
	York ...	29.89	44	NNE	1	0	30.06	+26	31	31	-15	N	1	0	#	0	50	30	-			
	Loughborough	29.90	45	NW	1	0	30.07	+27	29	29	-16	Z	0	0	#	0	50	28	0.02			
GERMANY & HOLLAND.	Ardrossan ...	29.88	47	Z	0	0	29.98	+19	40	40	0	ESE	1	0	2	0	48	38	-			
	Malin Head ...	29.84	45	SSW	4	0	29.81	+05	44	43	0	S	5	0	3	0	48	41	0.01			
	Mullaghmore ...	29.88	44	SSW	2	0	29.82	+01	48	45	+4	S	5	0	4	0	49	43	-			
	Belmullet ...	29.87	46	SW	2	0	29.76	-06	50	48	+7	SSW	4	0	#	0	51	42	0.13			
	Donaghadee ...	29.93	40	W	3	0	29.97	+15	38	38	+1	SSW	3	0	1	0	47	35	-			
	Liverpool (Bldston)	29.92	46	NW	2	0	30.07	+26	36	35	-9	SE	2	0	2	0	49	36	-			
	Holyhead ...	29.93	45	NW	1	0	30.02	+21	44	44	-2	S	1	0	2	0	50	38	-			
	Parsonstown ...	29.94	43	Z	0	0	29.92	+05	42	41	+8	SE	1	0	#	0	48	39	-			
	Valencia ...	30.00	47	SSW	1	0	29.89	-04	51	50	+8	S	4	0	4	0	53	39	0.01			
	Roche's Point	29.97	45	NW	2	0	29.97	+09	51	49	+10	SW	4	0	4	0	51	40	-			
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.94	44	NNE	2	0	30.05	+24	40	40	-7	E	2	0	2	0	51	40	-			
	Seilly ...	29.92	50	N	5	0	30.06	+33	46	44	-5	SSW	1	0	3	0	52	42	-			
	Prawle Point ...	29.89	46	NNE	3	0	30.05	+32	41	40	-7	NNE	2	0	1	0	48	38	0.32			
	Jersey (St. Aubin's)	29.78	55	Z	0	0	30.04	+28	51	48	-4	NW	3	0	3	0	55	50	0.36			
	Hurst Castle ...	29.85	49	NNE	3	0	30.04	+30	45	43	-7	NNE	2	0	1	0	53	44	0.35			
	Dungeness ...	29.77	54	SSW	1	0	29.94	+18	49	47	-6	NNE	4	0	3	0	55	47	0.64			
	North Foreland	29.77	54	SSW	1	0	29.94	+18	48	47	-6	N	5	0	5	0	54	47	0.47			
	London ...	29.87	49	N	2	0	30.02	+27	45	43	-9	N	2	0	#	0	54	44	0.53			
	Oxford ...	29.92	47	NE	2	0	30.06	+28	40	40	-6	N	1	0	#	0	49	41	0.10			
	Cambridge ...	29.85	49	NW	1	0	30.05	+29	42	42	-6	NW	1	0	#	0	51	41	0.31			
PENINSULA.	Yarmouth ...	29.81	49	NW	2	0	29.96	+21	47	46	-6	N	4	0	4	0	54	45	0.38			
	Cuxhaven ...	29.96	41	SSE	3	0	30.04	+04	38	37	-2	SE	4	0	#	0	44	37	-			
	Berlin ...	30.16	33	SE	3	0	30.20	+04	28	26	-5	SE	3	0	#	0	39	27	-			
	Wiesbaden ...	30.21	37	SE	3	0	30.02	-03	46	45	+2	Z	0	0	#	0	48	44	-			
	Munich ...	30.21	37	SE	3	0	30.10	-01	40	40	0	SE	3	0	#	0	46	36	0.04			
	The Helder ...	29.88	52	SSE	1	0	29.93	+06	50	50	0	SSE	1	0	#	0	54	50	0.39			
	Brussels (9 a.m.)	?	?	?	?	?	29.91	+03	51	50	-1	SSW	1	0	#	0	59	50	0.04			
	Cape Gris Nez	29.77	53	SSW	2	0	29.89	+10	49	49	-4	NNE	6	0	6	0	57	48	0.32			
	Paris ...	29.87	55	SSE	2	0	29.93	+05	49	49	-3	Z	0	0	#	0	59	49	-			
	Brest ...	?	57	NE	4	0	?	?	48	47	-8	NNE	3	0	2	0	57	46	0.16			
FRANCE AND BELGIUM.	Lorient ...	29.78	55	NW	2	0	30.03	+32	51	51	-5	NW	4	0	3	0	61	52	-			
	Rocheport ...	29.83	55	NW	4	0	29.92	+13	53	53	-2	N	2	0	#	0	59	50	0.39			
	Belfort ...	?	53	W	3	0	?	?	46	42	+2	W	2	0	#	0	63	44	-			
	Lyons ...	29.95	58	S	2	0	29.97	+04	53	50	-1	W	1	0	#	0	63	49	-			
	Nice ...	30.06	55	Z	0	0	30.03	-10	51	51	+2	ESE	2	0	#	0	63	49	-			
	Perpignan ...	29.88	61	S	3	0	29.96	00	48	47	+3	SW	2	0	#	0	70	45	-			
	Biarritz ...	29.88	62	NSW	3	0	30.00	+16	55	53	-11	W	6	0	5	0	66	52	0.75			
	Corunna ...	30.11	58	N	4	0	30.19	+17	56	52	-3	NW	3	0	#	0	63	54	-			
	Lisbon ...	30.11	58	N	4	0	30.19	+17	56	52	-3	NW	3	0	#	0	63	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 Thursday, 17th Nov: 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

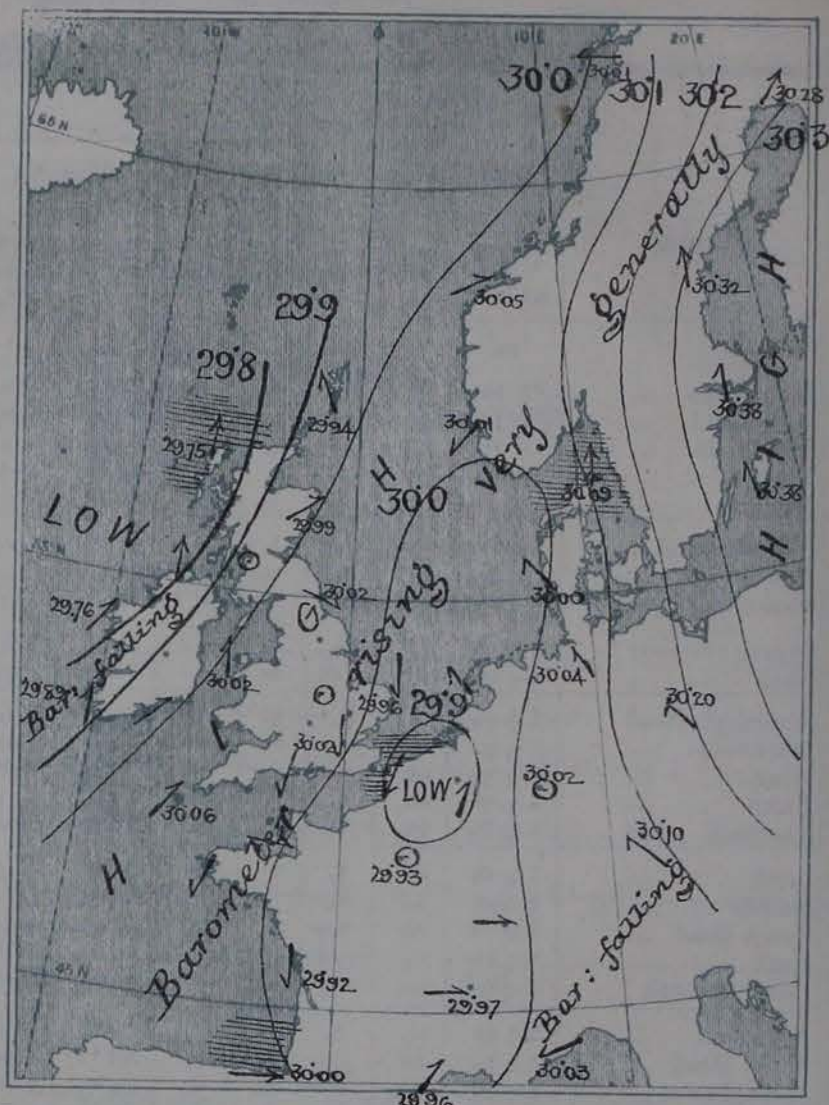
at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS

STATIONS.	MEAN READINGS
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.861
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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

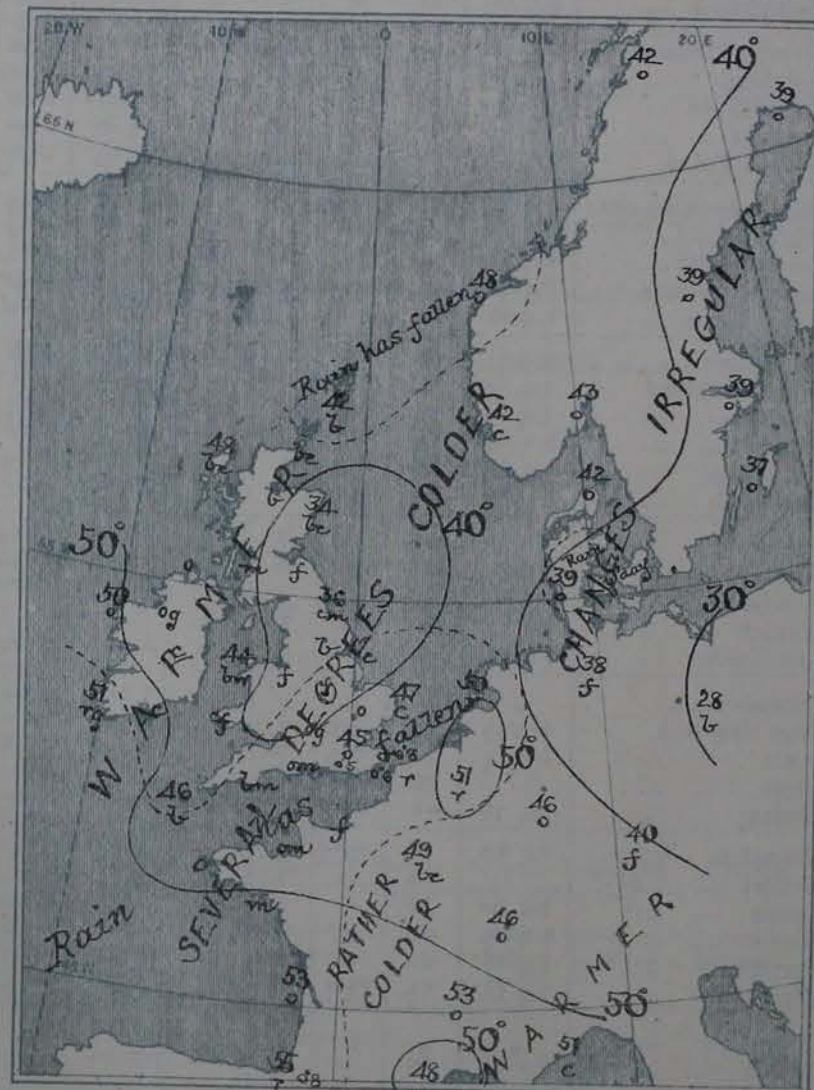
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL Inches.
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	46.9	45.1	4.01
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.26
Jersey	51.9	44.1	47.7	45.8	3.30
Hurst Castle	50.5	40.6	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.18
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.06

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 30.0 in. over Russia, Scandinavia, the Baltic and Germany, and 30.0 in. and more in a band stretching from Norway across the north and west of England to the Bay of Biscay.
 Lowest, 29.8 in. and less, off our northwestern coast, and (2) 29.9 in. and less, in a shallow depression over Germany.
 Gradients slight to moderate and very irregular. Barometer rising in the east and northeast, falling decidedly in the west.

TEMPERATURE

Highest, 56° at Lisbon, 55° at Biarritz, 53° at Rochefort and Lyons, 51° at Nice, Orient and Valencia Island.
 Lowest, 28° at Berlin, 31° to 33° on the Swedish coast; (2) 29° at Loughborough, 31° at York.
 It has fallen decidedly over England during the night, but risen in Ireland.

WIND

SE¹, moderate, over Germany; S¹, a gale at the Scaw, and light to strong over Sweden;
 N¹, light to moderate over the east and south of England and over the Bay of Biscay.
 S¹ at the Irish and Scotch stations, and becoming strong in the far west.

WEATHER

Cloudy in most places, rainy over Belgium and the Netherlands, foggy over our midland counties, fine and bright in Wales and the west of England, rainy and unsettled in the west of Ireland.
 Further considerable falls of rain have occurred in the south and east of England, and also in the southwest of France.

SEA

Rough in the Straits of Dover on the east coast of Kent and in the Skager Rack, slight or smooth in most other places, but moderate and rising off the south and west of Ireland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fog prevailing over our midland counties will probably spread to the southeast of England today; the S¹ wind in the west is likely to blow hard at our western stations and to spread to England in the rear of the calms and fog now prevailing inland.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
† 0 SCOTLAND NORTH	S ¹ winds, increasing considerably; rainy, unsettled.	† 6 SCOTLAND WEST	Same as No 0 and 1.
1 SCOTLAND EAST	S ¹ winds, light to fresh; fair, warmer.	7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	S ¹ winds, freshening; fair to rainy.
3 ENGLAND EAST	Wind falling calm, foggy and cold, then finer and milder.	† 9 IRELAND NORTH	S ¹ gales and strong winds, squally, rainy.
4 MIDLAND COUNTIES		† 10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 10.30 am to districts 10, 6, and parts of 0 and 9 "Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.82	46	45	ESE	3	rf	3	Valencia ...	29.96	52	49	SW	3	b	2
Sumburgh Head ...	29.72	46	44	SW	2	c	4	Scilly ...	29.84	51	48	N	5	c	4
Stornoway ...	29.70	47	44	SW	3	bc	3	Jersey ...	29.74	55	55	ESE	2	0	2
Aberdeen ...	29.79	40	38	WSW	1	cm	4	Hurst Castle ...	29.76	51	51	NNE	2	rm	2
Shields ...	29.81	47	44	NW	1	0	2	Dungeness ...	29.76	54	54	SSW	3	r	3
Ardrossan ...	29.85	47	45	ESE	1	bc	1	North Foreland ...	29.76	54	53	SSW	1	r	2
Malin Head ...	29.80	48	46	SW	2	b	2	London ...	29.78	51	49	NW	1	0 q r	*
Mullaghmore ...	29.84	48	45	SSW	3	e	2	Yarmouth ...	29.77	50	49	NW	3	cmr	3
Belmullet ...	29.86	51	49	SW	3	bc p	*	Rochefort ...	29.79	58	55	SW	3	r	*
Holyhead ...	29.87	48	46	NW	3	b	2								

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

Weather spring over the south of England and north of France; dull over the greater part of Russia, Scandinavia, Austria, Germany, and northern Italy, with snow at Lemberg. Fine and bright in Ireland and Scotland, as well as in Algeria, the south of France, and the greater part of Spain and Italy. Heavy rain falling over the southeast of England during day as well as at Biscay.

Temperature fallen in most parts of our Islands, — quickly in Ireland and Scotland; risen over France and southern Europe; changed irregularly elsewhere. Morning readings highest 67° at Algiers, 66° at Biscay, and 62° at Tangier and Oran; above 55° on the coast of France and Spain, and just reaching that point at some of the Channel stations. Lowest 25° at Riga, and 26° at St. Petersburg and Memel; below the freezing point over nearly the whole of Russia, and very little above it in Scotland and central Ireland. Daily maxima exceeding 50° in the southern parts of our Islands only and below 45° at some northern stations. Exceeding 60° over the greater part of France and reaching 70° at Perpignan.

Winds light from the Wnd or SWnd over the northern parts of the United Kingdom, but Nth in the southwest, and Sth in the southeast. Moderate from the Sth in France and from the SEth in Germany, strong from the latter quarter over Denmark and the south of Norway. Sth over Sweden and northern Russia, Nth in the south of Russia, variable over Spain, Italy and Algeria. Subsequently backing to the Sth in the west of Ireland, but shifting to the Nth in the southeast of England.

Barometer highest 30.5 ins. and upwards in an anticyclone lying over Central Russia. Lowest 29.7 ins. and less, in a large area lying to the northward of our Islands, and also in a small depression lying off the Bay of Biscay; trough of low readings extending from the North Sea across the southeast of England to the Bay of Biscay and the north of Spain. Trough subsequently moving eastwards and filling up, barometer rising slightly in most parts of the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 18th November, 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.		Amount of Rainfall.				
		Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.	Amount of Rainfall.		
		Inch.	°				Inch.		°	°											
SCANDINAVIA.	Haparanda ...	30.25	38	SW	4	0	30.27	-01	31	30	-8	Z	0	b	0	0	39	3	-		
	Hernösand ...	30.41	37	S	2	0	30.43	+11	36	35	-3	Z	0	bc	0	0	41	34	-		
	Stockholm ...	30.44	39	SSE	2	0	30.49	+11	38	37	-1	Z	0	0	0	0	46	36	-		
	Wisby ...	30.45	39	SSE	4	1	30.47	+09	39	39	+2	SE	2	c	1	1	41	34	-		
	Bedö ...	30.20	39	ESE	1	1	30.37	+36	42	40	0	NW	1	c	1	1	43	37	0.20		
	Christiansund...	30.18	41	ESE	2	b	30.20	+15	40	37	-5	ESE	1	bc	3	b	46	37	-		
	Skudesnaes ...	30.10	46	Z	0	0	30.13	+12	46	40	+4	ESE	0	0	5	0	47	42	-		
	Christiania Fjord (Færdar)	30.32	46	Z	0	0	30.39	+26	40	38	-3	E	3	0	2	0	?	39	-		
	Skagen (The Scaw)	30.31	41	SE	6	0	30.33	+24	41	40	-1	SSE	5	0	3	0	43	39	-		
	Fanö ...	30.12	37	SSE	6	b	30.12	+12	35	34	-4	E	6	b	6	6	43	35	-		
BRITISH ISLANDS.	Sumburgh Head	29.97	46	SSE	4	0	29.89	-05	46	46	+4	SE	4	1	5	0	47	42	0.01		
	Stornoway ...	29.73	49	S	7	0	29.72	-03	48	48	0	S	5	1	4	0	50	45	0.03		
	Wick ...	29.90	44	S	6	0	29.82	-07	44	43	0	S	6	cu	3	0	45	43	-		
	Nairn ...	29.87	45	SSW	1	bc	29.80	-08	41	39	+1	SSE	1	bc	1	bc	47	37	-		
	Aberdeen ...	29.98	38	SW	1	bcm	29.89	-10	32	31	-2	W	2	cm	2	cm, bcm	43	31	-		
	Leith ...	29.97	37	S	1	b	29.87	-14	30	30	0	S	1	bcm	2	b	42	29	-		
	Shields ...	30.00	35	Z	0	f	29.90	-12	31	30	-5	SSW	2	f	2	f	42	29	-		
	Spurn Head ...	29.98	46	N	2	bc	29.92	-10	37	37	-5	NW	2	f	2	bcw	47	35	-		
	York ...	30.01	36	NE	1	f	29.95	-11	30	30	-1	Z	0	f	1	f	44	29	-		
	Loughborough	30.05	38	W	2	0	29.97	-10	35	34	+6	SW	1	of	1	0	43	29	-		
GERMANY & HOLLAND.	Ardrossan ...	29.92	45	ESE	3	b m	29.87	-11	43	43	+3	ESE	2	fm	2	e, b m	48	40	0.15		
	Malin Head ...	29.72	48	SSE	6	og	29.67	-14	46	46	+2	S	3	of	2	og	49	42	0.16		
	Mullaghmore ...	29.72	52	SSE	6	c	29.67	-15	47	46	-1	S	1	of	3	og, c	53	46	0.28		
	Belmullet ...	29.67	48	SSW	4	1	29.66	-10	45	44	-5	ESE	2	0	1	0, f	52	43	0.41		
	Donaghadee ...	29.97	49	SSW	4	c	29.79	-18	49	49	+11	S	6	0	4	c	49	38	0.08		
	Liverpool (Bidston)	30.02	37	SE	2	f	29.90	-17	34	34	-2	SE	4	of	3	f	40	32	0.02		
	Holyhead ...	29.96	46	SSE	3	bc	29.83	-19	46	45	+2	SSE	4	og m	4	bc	50	44	0.06		
	Parsonstown ...	29.80	49	SE	1	0	29.68	-24	46	45	+4	SE	1	1	0.1	51	41	0.46			
	Valencia ...	29.76	50	S	1	og m	29.67	-22	44	43	-7	SSE	2	0	2	0, g m	54	43	0.26		
	Roche's Point	29.84	52	SSW	5	0	29.68	-29	50	50	-1	SW	4	0	4	0, f	52	47	0.40		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Rd.)	29.97	50	SSW	3	c	29.81	-24	50	49	+10	SSE	5	c q u	5	c	51	40	0.02		
	Scilly ...	29.97	50	S	4	c	29.79	-27	53	51	+7	S	5	c	5	c	54	44	-		
	Prawle Point ...	30.04	44	NE	1	b	29.81	-24	49	47	+8	S	4	c	3	b	54	40	-		
	Jersey (St. Aubin's)	29.96	47	SSW	1	og m	29.97	-07	43	44	-3	S	1	om	1	c, og m	52	38	-		
	Hurst Castle ...	30.03	43	NE	2	m	29.97	-07	40	39	-5	E	1	om	1	m	46	38	-		
	Dungeness ...	29.95	46	THE	4	1	29.95	+01	42	40	-7	N	2	m	2	1	49	41	0.03		
	North Foreland	29.95	48	N	1	og m	29.94	-00	44	42	-4	NW	1	om	2	og m	49	42	0.02		
	London ...	30.02	45	NW	2	c	29.96	-06	40	39	-5	SW	1	og	1	og, bf	47	38	-		
	Oxford ...	30.04	40	NW	1	0	29.97	-09	36	35	-4	SSW	1	og	1	0	42	36	-		
	Cambridge ...	30.02	44	NW	1	0	29.97	-08	38	38	-4	W	1	og	1	0	47	36	-		
PENINSULA.	Yarmouth ...	29.93	47	N	3	0	29.91	-05	42	41	-5	W	3	cf	4	c, 0	48	40	0.01		
	Cuxhaven ...	30.04	38	ESE	5	0	30.07	+03	33	32	-5	ESE	5	c	1	0	40	32	-		
	Berlin ...	30.23	32	SE	4	b	30.25	+05	26	24	-2	SE	4	b	1	b	36	25	-		
	Wiesbaden ...	30.04	39	E	1	0	30.06	-02	43	41	-3	E	3	0	1	0	52	43	-		
	Munich ...	30.04	39	E	1	0	30.04	-06	34	34	-6	NE	4	f	1	0	45	34	0.04		
	The Helder ...	29.95	49	SE	2	1	29.93	-00	45	45	-5	ESE	2	f	2	1	52	45	0.24		
	Brussels (S. Ann.)	30.03	51	NW	4	c	29.93	+02	48	48	-3	NW	1	0	1	f	56	48	0.04		
	Cape Gris Nez	29.91	48	N	5	1	29.92	+03	45	44	-4	N	1	m	1	1	50	45	0.24		
	Paris ...	29.96	52	NW	2	0	29.98	+05	48	45	-1	NW	2	0	1	0	57	47	-		
	Brest ...	30.03	51	NW	4	c	29.96	-07	50	45	-1	SSE	3	c	3	0	54	48	-		

For Explanation of Columns see bottom of last page.

Received too late for insertion in Charts on next page.

for 8 a.m. on Friday, 18th Nov^r 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.
 ⑤ = dead calm.

===== Rough. ===== High.

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

STATIONS.

MEAN READINGS

[illegible]

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 November.)

A hand-drawn map of Europe and North Africa, showing isotherms and weather notes. The map includes latitude and longitude lines (20°W, 40°W, 0, 10°E, 20°E; 50°N, 40°N, 30°N). Isotherms are drawn for 40° and 30° Fahrenheit. Handwritten notes include "Rain has fallen" in several locations and "GENERALLY COLDER" in the central region. Various temperature readings are marked, such as 46, 32, 31, 42, 40, 38, 39, 35, 33, 26, 48, 43, 47, 49, 51, 34, 33, 46, 45, 40, 38, 31, 30, 26, 24, 20, 18, 16, 14, 12, 10, 8, 6, 4, 2, 0, -2, -4, -6, -8, -10, -12, -14, -16, -18, -20, -22, -24, -26, -28, -30, -32, -34, -36, -38, -40, -42, -44, -46, -48, -50, -52, -54, -56, -58, -60, -62, -64, -66, -68, -70, -72, -74, -76, -78, -80, -82, -84, -86, -88, -90, -92, -94, -96, -98, -100.

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in. and upwards in Sweden.

Lowest, 29.7 in. and less, in a depression extending from the Atlantic over the west of Ireland.

Gradients slight. Barometer falling a little in most parts of the United Kingdom, changing irregularly in France and Germany, rising in Scandinavia and Denmark.

TEMPERATURE

Highest, 56° at Limerick, 53° at Galley, 51° at Brest, 51° at Aix and Biarritz, and 50° at Rochefort, Hambro and Lorient.

Lowest, (1) 26° at Berlin, 31° at Haparanda, and 34° at Munich; (2) 30° at Leith and York, 31° at Shields, and 32° at Aberdeen.

Frost occurred last night at several of our northern stations.

WIND

S^W or SE^W in all the more western and northern parts of our Islands and also in the west of France; strong in force in the north of Scotland.

Moderate to strong from the E^W on the eastern shores of the North Sea; calm in Sweden; variable in the south of France.

WEATHER

Rainy in the west and north of Scotland, as well as in the northern and central parts of Ireland; dull over the greater part of England, with fog over our northern and eastern counties.

Fine in the east of Scotland, as well as at several of the Scandinavian and German stations, cloudy in France.

Foggy yesterday in the west of our Islands, and also in the Netherlands, the southeast of England and the south of France.

SEA

Rather rough off the southwest of England as well as at Skudeenæs and Lumburg H^d. but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west seems to be spreading eastwards, and rain is therefore probable in many parts of England with some increase of temperature.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	S ^W winds, strong, dull, rain at times.
1	SCOTLAND EAST	S ^W winds, freshening; fair to dull and some rain.
2	ENGLAND N.E.	S ^W winds, light or moderate; foggy at first then dull with some rain.
3	ENGLAND EAST	Same as N ^o 5.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	S ^W winds, light or moderate, cloudy, probably some rain.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SE ^W winds, freshening; dull, rain at times.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S ^W winds, fresh or strong; fair to dull and some rain.
9	IRELAND NORTH	Same as N ^o 6 and 7.
10	IRELAND SOUTH	
WARNINGS		The SOUTH CONE is still flying in districts 6, 10, and parts of 0 and 9.

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 ...	30.08	47	45	E	2	0	3	Valencia ...	29.79	54	52	S	5	0	4
Samburgh Head	29.96	46	44	SE	3	0	4	Scilly ...	30.01	53	50	SSW	4	0	3
Stornoway ...	29.74	49	48	S	6	0	6	Jersey ...	30.11	50	48	NW	1	0	3
Aberdeen ...	29.98	43	41	S	2	cm	3	Hurst Castle	30.04	45	44	NNE	2	m	1
Shields ...	30.00	42	40	WNW	1	f	2	Dungeness...	29.94	47	47	WNW	4	r	3
Ardrossan ...	29.94	47	45	ESE	3	c	2	North Foreland...	29.93	48	47	N	4	0	4
Malin Head ...	29.75	47	45	SE	6	0	3	London ...	30.00	47	44	N	1	0g	*
Mullaghmore ...	29.76	51	48	SE	6	0g	5	Yarmouth ...	29.96	48	47	N	4	0	4
Belmullet ...	29.68	52	50	S	5	0	3	Rocheport ...	29.96	54	54	NW	3	0	*
Holyhead ...	29.98	48	46	S	3	6c	2								

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

Weather dull in the west of Ireland, with rain at Valencia Island; fine and bright in most other parts of our western and northern districts; dull and misty over the central and southeastern parts of England, with rain at the North Foreland, as well as over the Netherlands. Cloudy in most other parts of the Continent, with fog in some places, but fine over North Germany and the greater part of Spain. Rain falling later in the western parts of our Islands, generally and also in the south of France.

Temperature risen in Ireland and Scotland, but fallen in most other parts of Europe — briskly over the north of England. Morning readings highest 64° at La Calle, and 63° at Langunaine, Oren, and Algiers, above 55° at most of the Mediterranean stations and also on the coast of Spain; above 50° in the south of Ireland. Lowest (1) 25° at Hohenburg, 26° at Breslau, and 28° at Archangel, Berlin, and Dinamünde; (2) 29° at Loughborough and 30° at Fife. Daily maxima over our Islands below 50° in all but the western districts; thermometer exceeding 60° at several of the French stations and also at Lisbon.

Wind light to fresh from the S^W in Ireland and Scotland, but N^W over the greater part of England, as well as in the west and north of France. SE^W over Denmark, Germany, the Baltic, and the south of Scandinavia, with a gale at the Scaw, SW^W over the northern parts of Sweden and Russia. Light from between N. and E. in the south of Russia, variable in Italy and Austria, NW^W in Spain, SW^W or S^W in Algeria. Subsequently increasing to a moderate gale from the S^W in the Hebrides.

Barometer highest 30.6 in. and upwards over Central Russia, 30.2 in. and upwards in a large anticyclone covering the greater part of eastern, northern, and central Europe; 30.1 in. and less in another system lying over Spain. Lowest, 29.8 in. and less, in a depression lying to the west of our Islands, 29.9 in. and less, in a shallow system over the Netherlands. Former disturbances subsequently spreading slowly eastwards; latter system filling up gradually.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 19th November, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. M. 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.
Ins.		°				Ins.	°	°	°							°	Ins.			
SCANDINAVIA.	Haparanda ...	30.27	33	S	2	b	30.21	-.06	32	31	+ 1	WNW	4	0	*	b	37	30	-	
	Hernösand ...	30.41	31	Z	0	m	30.34	-.09	29	28	- 7	N	2	0	*	m	37	28	-	
	Stockholm ...	30.45	36	Z	0	o	30.36	-.13	35	33	- 3	Z	0	0	*	o	50	?	-	
	Wisby ...	30.41	40	S	4	o	30.32	-.15	40	38	+ 1	SE	2	0	*	o	43	36	-	
	Bodö ...	30.32	34	ESE	1	b	30.23	-.14	36	?	- 6	ESE	6	0	*	b	42	32	?	
	Christiansund...	30.19	41	ESE	2	b	30.13	-.07	37	35	- 3	ESE	1	0	*	b	43	37	-	
	Skudesnaes ...	30.13	45	ESE	6	b	30.08	-.05	45	40	- 1	SE	6	0	*	o, b	46	41	-	
	Christiania Fjord (Færdler)	30.36	40	NNE	4	o	30.26	-.13	39	38	- 1	NNE	5	0	*	o	40	39	-	
	Skagen (The Scaw)	30.26	42	SE	5	o	30.21	-.12	42	40	+ 1	SE	3	0	*	o	43	41	-	
	Fanö ...	30.09	34	E	6	b	30.02	-.10	35	34	0	E	4	0	*	b	37	34	-	
BRITISH ISLANDS.	Sumburgh Head	29.87	46	SE	6	o	29.84	-.05	44	42	- 2	SE	5	0	*	o	48	41	0.10	
	Stornoway ...	29.67	49	S	4	o	29.58	-.14	44	41	- 4	SE	4	0	*	o	50	40	0.02	
	Wick ...	29.77	44	SE	5	o	29.69	-.13	47	47	+ 3	SE	7	0	*	o, q	47	43	0.12	
	Nairn ...	29.73	40	S	1	b, c	29.66	-.14	32	31	- 9	SSW	1	0	*	b, c	47	25	-	
	Aberdeen ...	29.83	42	SSE	2	o, q	29.72	-.17	39	39	+ 7	SSW	1	0	*	o, q, d	46	31	0.23	
	Leith ...	29.80	35	S	2	b	29.69	-.18	35	32	+ 5	SSE	1	0	*	b	43	28	-	
	Shields ...	29.81	36	SW	1	f	29.72	-.18	34	34	+ 3	SSW	2	0	*	f	41	28	-	
	Spurn Head ...	29.83	34	SW	1	f	29.74	-.18	43	42	+ 6	SE	4	0	*	f	43	32	-	
	York ...	29.85	32	SSE	1	f	29.75	-.20	33	33	+ 3	SE	1	0	*	f	34	29	0.02	
	Loughborough	29.86	36	SSW	1	o	29.73	-.24	37	37	+ 2	SE	1	0	*	o	38	33	-	
BRITISH ISLANDS.	Ardrossan ...	29.80	44	ESE	3	b, c	29.63	-.24	36	34	- 7	NE	1	0	*	c, b, c	45	34	0.03	
	Malin Head ...	29.61	46	W	3	o, q	29.57	-.10	43	42	- 3	SSW	2	0	*	r, o, d	46	42	0.67	
	Mullaghmore ...	29.60	47	S	2	o, q	29.59	-.08	39	38	- 8	SW	2	0	*	o, q, p	49	38	0.12	
	Belmullet ...	29.60	46	ESE	2	o	29.59	-.07	42	40	- 3	WSW	2	0	*	o	49	40	0.04	
	Donaghadee ...	29.71	49	S	5	c	29.60	-.19	43	43	- 6	WSW	3	0	*	c	50	41	0.08	
	Liverpool (Bldston)	29.78	38	SE	4	o	29.65	-.25	41	40	+ 7	ESE	2	0	*	o	41	34	0.02	
	Holyhead ...	29.70	47	SE	2	b, c	29.60	-.23	45	44	- 1	Z	0	*	c, b, c	50	43	0.31		
	Parsonstown ...	29.62	46	Z	0	r	29.64	-.04	33	32	- 13	Z	0	*	o, f	50	33	0.14		
	Valencia ...	29.66	46	SW	2	b, c	29.67	-.00	35	34	- 9	ESE	2	0	*	o, p, b, c	50	33	0.03	
	Roche's Point	29.63	46	WNW	1	c	29.66	-.02	37	36	- 13	WNW	1	0	*	p, c	51	35	0.30	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.65	51	SSE	6	r	29.63	-.18	45	45	- 5	E	1	0	*	r	52	44	0.87	
	Scilly ...	29.63	49	W	3	cp	29.65	-.14	49	45	- 4	W	4	0	*	cp	53	43	0.10	
	Prawle Point ...	29.73	50	SE	5	o	29.64	-.17	45	45	- 4	WNW	2	0	*	c	52	45	0.24	
	Jersey (St. Aubin's)	29.82	50	SSE	2	b, m	29.63	-.34	50	48	+ 2	SE	4	0	*	b, c, p	53	47	0.31	
	Hurst Castle ...	29.82	49	SSE	2	b, c	29.65	-.32	50	49	+ 10	SSE	4	0	*	c, q, m	52	40	-	
	Dungeness ...	29.86	45	E	1	m	29.73	-.22	47	47	+ 5	S	4	0	*	m	50	41	-	
	North Foreland	29.86	45	E	1	b, c	29.72	-.22	45	45	+ 1	SSE	2	0	*	o, b, c	48	41	-	
	London ...	29.86	39	SE	1	b, f, w	29.72	-.24	39	39	- 1	ESE	2	0	*	b, c, f, w	44	35	-	
	Oxford ...	29.83	33	S	1	b	29.64	-.28	42	41	+ 6	SE	2	0	*	o, b, f	42	31	-	
	Cambridge ...	29.88	41	Z	0	o	29.73	-.24	38	38	0	SSE	1	0	*	o, m	41	30	-	
GERMANY & HOLLAND.	Yarmouth ...	29.86	42	WNW	1	c	29.77	-.14	46	45	+ 4	SE	3	0	*	c	46	38	-	
	Cuxhaven ...	30.06	34	ESE	5	b, c	29.99	-.08	33	32	- 3	ESE	5	0	*	b, c	36	32	-	
	Berlin ...	30.19	32	SE	3	b, c	30.06	-.19	35	33	+ 9	SE	4	0	*	b, c	36	26	-	
	Wiesbaden ...	?	35	SE	3	o	29.90	-.10	41	39	- 2	NE	1	0	*	o	46	39	0.08	
	Munich ...	29.99	35	SE	3	o	29.93	-.11	34	34	0	E	4	0	*	o	37	32	0.04	
	The Helder ...	29.87	48	SW	2	o	29.84	-.09	46	46	+ 1	E	1	0	*	o	48	43	0.32	
	Brussels (9 a.m.)	?	?	?	?	?	29.82	-.11	41	41	- 7	ESE	1	0	*	r	49	37	0.32	
	Cape Gris Nez	29.86	44	E	1	o	29.74	-.18	41	41	- 4	SE	3	0	*	f	46	37	-	
	Paris ...	29.93	44	SW	2	b	29.78	-.20	40	40	- 8	ESE	2	0	*	o	52	36	-	
	Brest ...	?	51	WSW	3	r	?	?	50	48	- 2	N	3	0	*	r	55	48	0.55	
FRANCE AND BELGIUM.	Lorient ...	29.77	53	S	5	o	29.61	-.35	50	48	0	WNW	4	0	*	o	56	48	0.43	
	Rochefort ...	29.88	54	S	3	r	29.67	-.38	44	49	0	S	4	0	*	b, r	59	48	0.08	
	Belfort ...	?	45	W	2	f	?	?	49	45	+ 2	W	4	0	*	f	52	39	0.04	
	Lyons ...	29.95	51	N	1	o	29.79	-.22	49	48	- 1	SE	1	0	*	o	56	43	0.08	
	Nice ...	29.93	53	Z	0	c	29.92	-.04	50	48	- 1	Z	0	0	*	e	59	?	0.47	
	Perpignan ...	29.94	54	E	2	o	29.68	-.34	45	44	- 1	NE	2	0	*	o	63	42	-	
	Biarritz ...	29.90	54	SSE	2	b	29.72	-.34	54	50	+ 3	SW	4	0	*	b	57	48	0.04	
	Corunna ...	?	?	?	?	?	30.05	-.11	53	49	- 3	N	4	0	*	o	63	52	0.16	
	Lisbon ...	29.98	56	N	5	o	?	?	?	?	?	?	?	?	?	?	?	?	?	

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in *Chronicle* on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 19th Nov. 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

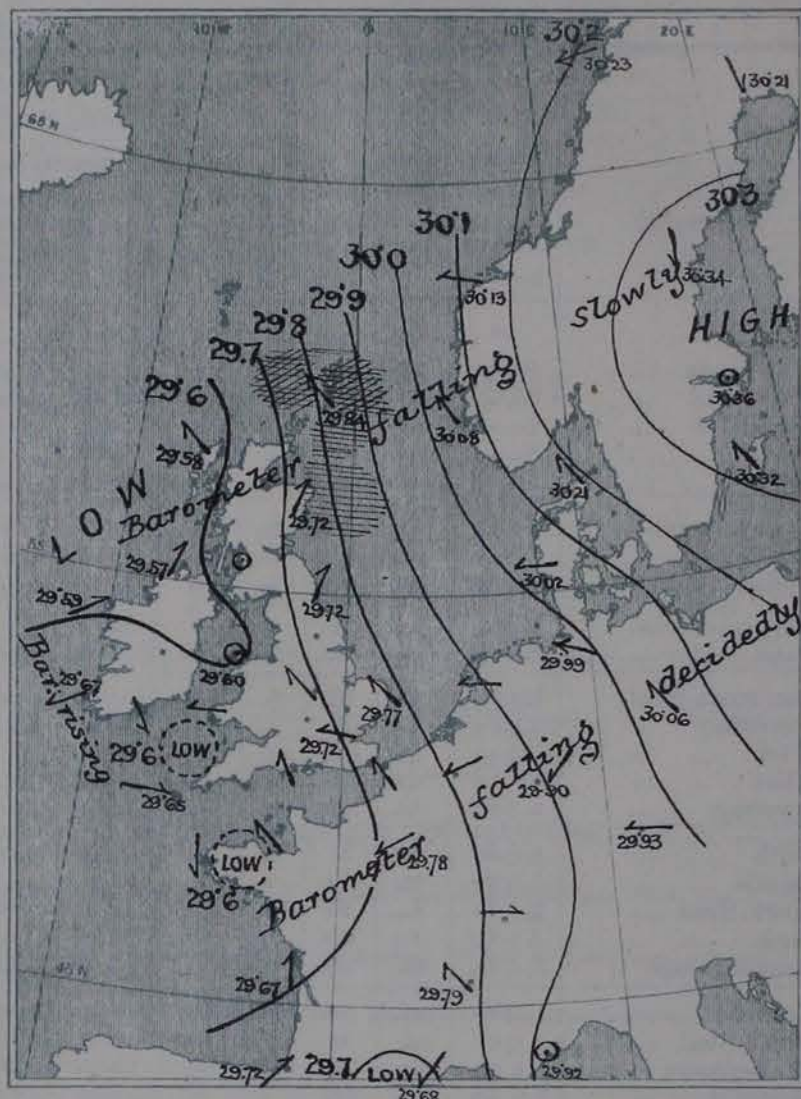
at 8.0 a.m. for the month of November.

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Seilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and more to 30.0 in. over Russia, the Baltic, Scandinavia, and Germany.
Lowest, 29.6 in. and less, over the northwestern parts of our Islands and the adjacent portion of the Atlantic; 29.6 in. is thereabouts, in two shallow disturbances— one over Brittany, the other at the mouth of the Bristol Channel.

Gradients moderate for SE winds over the North Sea, slight and very variable over our Islands and France.

Barometer rising slightly in the west, falling in the south and also in the extreme north.

TEMPERATURE

Highest, 54° at Danitz, 50° at Nice, Lyons, and Paris, and Hurst Castle.

Lowest, (1) 29° at Hemsand, 32° at Kaparanda, 35° at Stockholm; (2) 32° at Nain, 33° at York and Paronston; (3) 34° at Munich, 35° at Berlin.

It rose to 50° and more at many of our western and southwestern stations yesterday, but did not touch 40° at York and Loughborough.

At York the maximum was only 34°.

WIND

SE³ over Germany, the North Sea and all the eastern and northeastern parts of Great Britain— moderate in force generally, but very strong at Wick. At our western stations it is light and very variable, while at the mouth of the Channel it is W and NW². A fresh gale from SE. was experienced at Wick last night.

WEATHER

Fine over our western, northern, and eastern districts as a whole, but foggy in several localities; rainy at Jersey and in the southwest of France.

A good deal of rain has fallen over Brittany and the southwest of France, as well as at Melin H^o, and smaller quantities at our western and northern stations generally. Thick fog has prevailed in many parts of England.

SEA

Very rough in the north, moderate in the southwest, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow disturbances in the southwest appear likely to cause a good deal of rain over the southeast of England shortly.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

SE² and S² winds; rainy, unsettled.

SE² and E² winds, becoming dull and rainy

SE² and Variable airs; fair, then rainy and very gloomy.

DISTRICTS.

FORECASTS.



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

Varying airs; changeable, some rain.

Very Variable light breezes; fair to foggy, colder.

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 ...	30.16	45	43	SE	8	0	5	Valencia ...	29.64	49	46	S	2	op	3
Sumburgh Head	29.87	46	45	SE	5	1	4	Scilly ...	29.67	52	50	S	5	op	5
Stornoway ...	29.71	50	49	S	4	0	4	Jersey ...	29.87	52	49	SE	3	bc	3
Aberdeen ...	29.86	43	42	S	1	cm	2	Hurst Castle	29.87	48	47	SSE	2	cm	1
Shields ...	29.85	40	38	SW	1	f	2	Dungeness...	29.88	49	47	Z	0	m	0
Ardrossan ...	29.74	45	43	ESE	3	cm	2	North Foreland...	29.88	45	43	W	1	0	2
Malin Head ...	29.61	46	46	S	4	0.1	3	London ...	29.89	44	41	SW	1	cm	*
Mullaghmore ...	29.63	48	46	Z	0	0	3	Yarmouth ...	29.88	43	42	WNW	3	c	4
Belmullet ...	29.62	49	47	E	2	0	*	Rochefort ...	29.95	58	55	S	3	bc	*
Holyhead ...	29.76	49	47	SSE	4	c	3								

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

Weather rainy in the west and north of Scotland, as well as over the northern and central parts of Ireland; dull over the greater part of England, with fog over our northern and eastern coasts. Fine in the east of Scotland, as well as at several of the Scandinavian, German, and Austrian stations; dull in most other parts of the Continent, with fog and rain over the Gulf of Finland. Rain falling later in the west and southwest of our Islands generally, as well as in France and the Netherlands—amounts heavy in some places.

Temperature changed rather irregularly, but fallen in most places. Morning readings highest 66° at Panguis, 64° at Malta and 61° at Brindisi and Nemours, above 50° in most parts of southern Europe, as well as at the mouth of the Channel. Lowest 22° at Ruda, 23° at Moscow, 25° at St. Petersburg, and 26° at Berlin, Vienna, and Kharkov, below the freezing point at most of the German, Austrian and Russian stations, as well as in the north of England and the east of Scotland. Daily maxima below 50° in all the more eastern parts of our Islands and below 40° in the north of England. Thermometers exceeding 60° over the southern parts of France, and reaching 63° at Perpignan.

Wind S or SE in all the more western and northern parts of the United Kingdom and also in the west of France; strong in force in the north of Scotland. Variable in the southeast of England as well as in the Netherlands and Central France, light from the W on our eastern coasts. SE over Norway, Denmark, Germany, and the Baltic, S or SW over northern Russia, E in the south of Russia, NE or N in Italy, W in Spain, variable in Algeria. Subsequently, shifting to the W on our extreme southwest coasts, no important change occurring elsewhere.

Barometer highest 30.5 ins. and upwards over the northern parts of Russia, 30.1 ins. and upwards in a large anticyclone covering the whole of northern, eastern, and central Europe, as well as in another system lying over Spain and Algeria. Lowest, 29.7 ins. and less, in a depression extending from the Atlantic over the west of Ireland; shallow secondary disturbances lying over Holland and the southern parts of the North Sea. Depression in west subsequently spreading eastwards, and barometer falling in nearly all parts of the Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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 20th November, 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 ...	30.22	39	N	2	S	30.31	+ .10	30	30	—	2	NNW	2	0	#	34	30	0.04	
	Hernösand ...	30.32	23	NNW	2	0	30.43	+ .09	23	22	—	6	NNW	2	0	#	32	?	—	
	Stockholm ...	30.32	36	Z	0	0	30.32	— .04	36	35	+	1	Z	0	9	#	48	32	—	
	Wisby ...	30.30	40	SSE	2	0	30.30	— .02	39	37	—	1	S	2	C	#	43	37	—	
	Bodö ...	30.25	30	ENE	4	7	30.33	+ .10	31	27	—	5	ENE	4	7	#	36	28	—	
	Christiansund...	30.14	36	ESE	1	7	30.27	+ .14	35	33	—	2	ESE	1	7	#	39	34	—	
	Skudesnaes ...	30.12	44	ESE	2	C	30.23	+ .15	41	27	—	4	E	2	C	#	45	39	—	
	Christiania Fjord (Færder)	30.25	40	NE	3	0	30.31	+ .05	40	38	+	1	NE	4	0	1	?	39	—	
	Skagen (The Seaw)	30.20	42	SE	4	0	30.23	+ .02	42	41	—	0	SE	2	0	2	43	41	—	
	Fanö ...	30.06	35	E	6	0	30.12	+ .10	34	32	—	1	E	6	0	#	37	32	—	
BRITISH ISLANDS.	Sumburgh Head	29.88	43	SE	6	0	30.10	+ .26	44	43	—	0	SE	4	0	6	45	41	0.05	
	Stornoway ...	29.65	46	SE	4	7	29.89	+ .31	46	45	+	2	SE	4	C	3	48	40	0.03	
	Wick ...	29.77	45	SE	6	0	29.98	+ .29	47	46	—	0	SE	2	0	6	47	44	0.04	
	Nairn ...	29.72	41	Z	0	0	29.95	+ .29	43	42	+	11	Z	0	C	1	45	27	—	
	Aberdeen ...	29.81	44	SSE	4	0	30.01	+ .29	47	45	+	8	SE	3	C	6	47	39	0.01	
	Leith ...	29.76	32	SE	2	0	29.99	+ .30	41	40	+	6	SE	1	C	#	43	33	0.02	
	Shields ...	29.77	45	SSW	2	f	29.99	+ .27	41	40	+	7	SSE	1	f	2	45	33	—	
	Spurn Head ...	29.76	47	SE	3	7	29.95	+ .21	47	47	+	4	ESE	3	om	3	47	43	0.02	
	York ...	29.79	44	SE	1	0	29.98	+ .23	45	45	+	12	E	1	r	#	45	33	0.05	
	Loughborough	29.75	42	ESE	2	0	29.96	+ .23	42	41	+	5	NE	1	ogf	#	45	37	0.01	
GERMANY & HOLLAND.	Ardrossan ...	29.72	40	NE	1	0	29.91	+ .28	42	41	+	6	NE	2	cf	1	42	35	0.01	
	Malin Head ...	29.67	40	S	2	7	29.81	+ .24	40	38	—	3	SSE	4	C	2	47	36	—	
	Mullaghmore ...	29.68	40	SW	2	7	29.74	+ .15	41	39	+	2	E	5	0	3	47	36	—	
	Belinullet ...	29.64	42	ESE	3	7	29.58	— .01	44	41	+	2	E	6	0	#	49	37	—	
	Donaghadee ...	29.71	43	W	3	7	29.87	+ .27	46	44	+	3	S	3	C	1	47	43	0.01	
	Liverpool (Bidston)	29.75	43	SE	1	r	29.95	+ .30	39	38	—	2	SE	2	C	2	44	38	0.14	
	Holyhead ...	29.71	44	NNW	1	7	29.88	+ .28	41	40	—	4	SE	2	7	1	48	39	0.02	
	Parsonstown ...	29.70	39	Z	0	7	29.69	+ .05	47	44	+	14	SE	2	og	#	47	32	—	
	Valencia ...	29.62	46	SE	5	7	29.40	— .27	53	52	+	18	SE	8	rmg	6	53	34	0.46	
	Roche's Point	29.70	47	SW	1	7	29.64	— .02	52	51	+	15	SSE	8	0	5	52	37	—	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.73	46	WNW	2	7	29.84	+ .21	48	47	+	3	SE	5	Cg	4	49	43	0.02	
	Scilly ...	29.74	45	WSW	3	7	29.75	+ .10	53	51	+	4	SSE	6	0	4	53	41	—	
	Prawle Point ...	29.75	48	WNW	3	C	29.98	+ .29	49	46	+	4	SE	4	C	3	49	39	0.01	
	Jersey (St. Aubin's)	29.75	49	NNW	3	7	29.99	+ .36	49	44	—	1	SSE	3	bcw	3	52	39	0.09	
	Hurst Castle ...	29.70	50	W	4	r	29.98	+ .33	40	40	—	10	WNW	1	f	2	53	37	0.19	
	Dungeness ...	29.73	48	SE	4	C	29.96	+ .23	45	45	—	2	W	3	C	2	50	44	0.03	
	North Foreland	29.74	47	ESE	3	0	29.94	+ .22	45	44	—	0	WSW	1	bcw	2	47	43	—	
	London ...	29.75	45	SE	1	og	29.94	+ .22	43	42	+	4	SW	1	om	#	52	39	0.07	
	Oxford ...	29.75	45	SE	1	r	29.98	+ .29	39	39	—	3	W	1	of	#	49	39	0.39	
	Cambridge ...	29.77	41	Z	0	0	29.94	+ .21	41	41	+	3	E	1	r	#	47	37	0.04	
PENINSULA.	Yarmouth ...	29.77	47	SE	4	7	29.94	+ .17	47	46	+	1	ESE	2	cm	#	47	44	0.02	
	Cuxhaven ...	29.98	34	SW	5	7	30.07	+ .08	32	31	—	1	SE	5	0	#	36	31	—	
	Berlin ...	30.07	32	SE	4	0	30.15	+ .09	31	29	—	4	SE	2	0	#	27	28	—	
	Wiesbaden ...	30.00	35	E	2	7	30.00	+ .10	35	33	—	6	NE	2	0	#	42	34	—	
	Munich ...	29.84	29	E	2	7	29.94	+ .01	30	30	—	4	NNW	4	0	#	36	28	—	
	The Helder ...	29.88	42	E	2	f	30.02	+ .18	38	37	—	8	ESE	1	C	1	46	37	—	
	Brussels (9 a.m.)	29.70	44	E	1	C	29.89	+ .15	46	45	—	5	WSW	1	2	#	49	37	0.04	
	Cape Gris Nez	29.76	49	NNE	2	0	30.00	+ .22	45	44	+	5	WSW	1	0	#	49	40	—	
	Brest ...	29.70	45	NNW	3	0	?	?	53	51	+	3	S	4	C	4	52	48	—	
	Lorient ...	29.80	50	NNW	4	7	29.95	+ .34	53	48	+	3	S	5	0	4	55	46	—	
FRANCE AND BELGIUM.	Rochefort ...	29.80	53	N	4	7	30.02	+ .35	48	46	—	1	S	3	7	2	54	45	0.12	
	Belfort ...	29.70	45	E	5	m	?	?	48	44	—	1	E	3	r	#	52	39	0.24	
	Lyons ...	29.73	48	ENE	1	r	30.06	+ .27	45	43	—	4	NNW	1	C	#	50	44	0.43	
	Nice ...	29.70	46	?	4	r	29.90	— .02	42	42	—	8	E	1	7	3	54	42	1.50	
	Perpignan ...	29.79	54	NNW	4	0	30.10	+ .42	44	43	—	1	S	2	7	#	59	44	—	
	Biarritz ...	29.95	55	NNW	6	r	30.00	+ .28	46	42	—	8	S	3	7	#	55	43	0.51	
	Corunna ...	30.00	53	NNW	3	7	30.00	+ .30	53	50	—	2	S	6	7	4	57	50	—	
	Lisbon ...	30.06	53	NNW	3	7	30.04	— .01	49	47	—	4	ENE	3	C	#	59	48	—	

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, 20 Nov. 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.

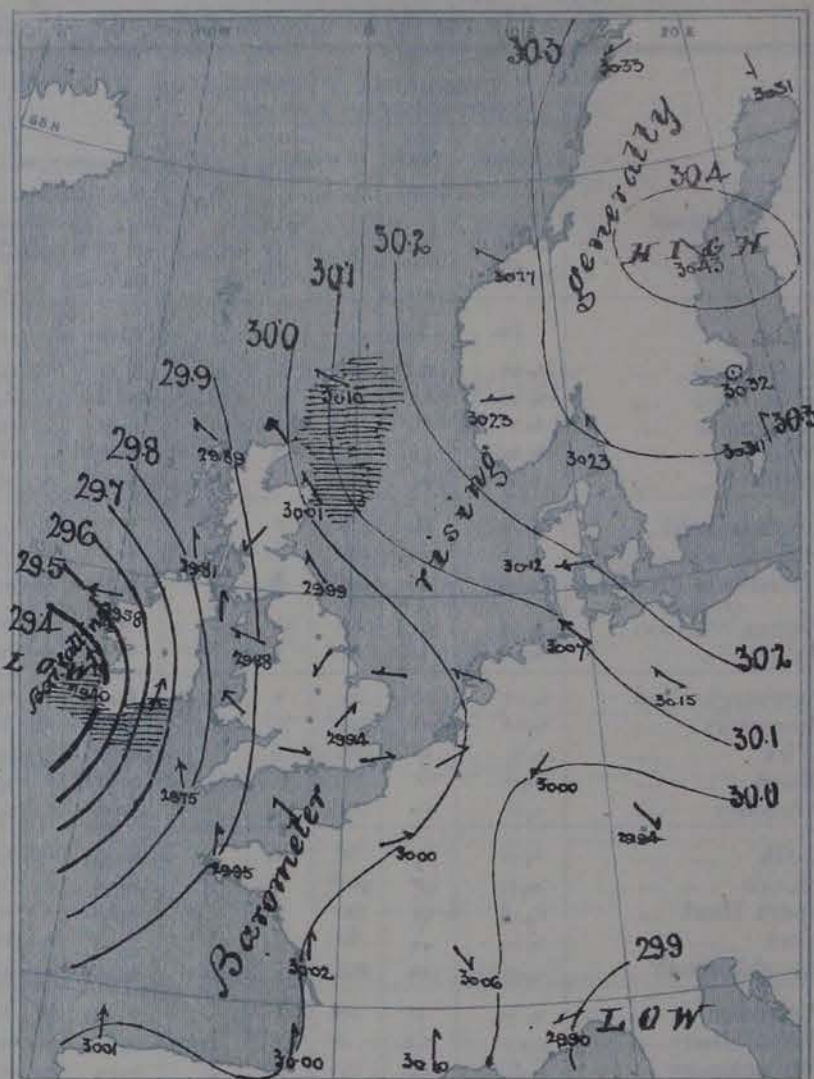
SEA DISTURBANCE—Where considerable, is shown thus

⊞ = Rough. ⊞ = High.

MEAN HEIGHT OF THE BAROMETER

at 8 a.m. for the month of November
During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stormoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.781
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Selly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.833
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

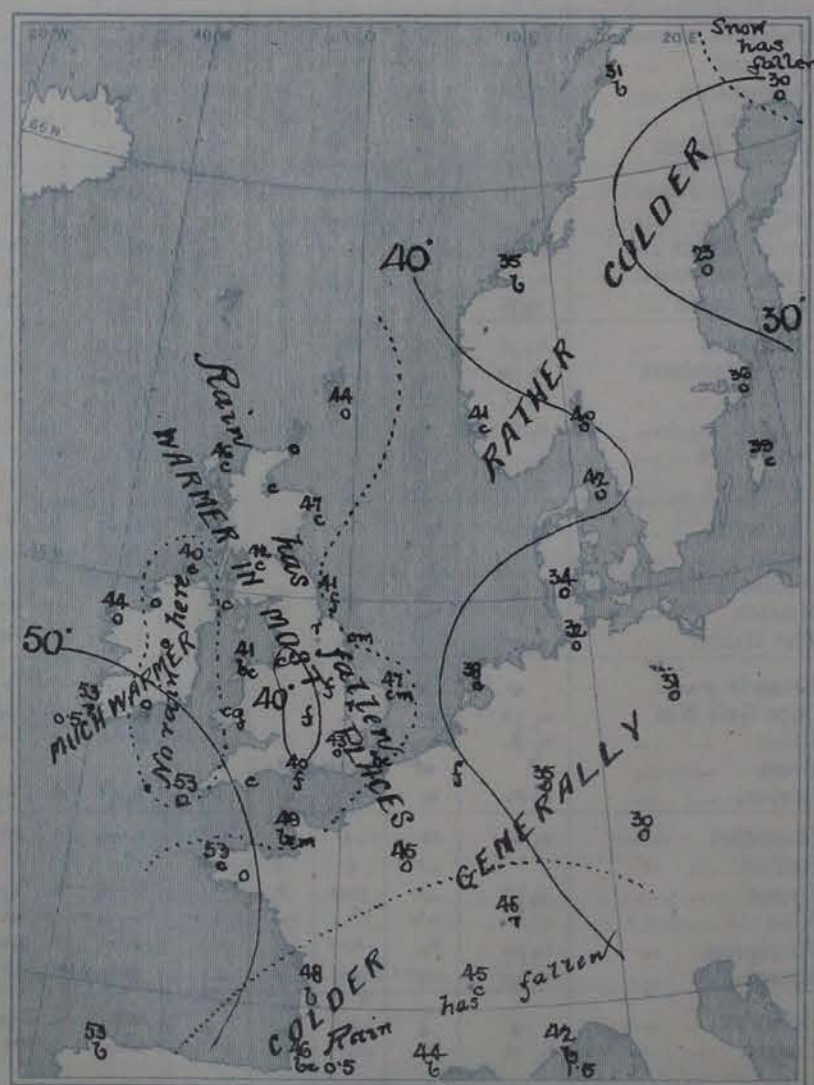
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	45.6	37.8	42.0	40.3	1.16
Stormoway	46.2	37.0	41.7	40.7	4.79
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.0	2.40
York	47.5	36.4	40.6	39.3	2.10
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	4.88
Liverpool	47.8	39.4	42.5	40.7	2.04
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.6	43.0	47.4	45.5	0.42
Roche's Point	51.1	42.0	46.1	44.5	1.02
Pembroke	50.1	43.8	46.9	45.1	1.01
Selly	52.4	46.7	50.0	48.0	3.79
Prawle Point	51.1	41.9	46.2	44.7	0.20
Jersey	51.9	44.1	47.7	45.8	1.29
Hurst Castle	50.3	40.6	44.9	44.0	3.01
Dover	49.3	40.6	44.5	42.8	2.18
LONDON	49.2	48.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.01
Cambridge	48.6	36.8	40.7	39.9	2.01
Yarmouth	47.6	39.0	43.1	42.0	3.09

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest { (1) 30.4 ins. and more to 30.2 ins. over Scandinavia, the Baltic, and eastern Germany.
(2) 30.2 ins. and more to 30.0 ins. over the Russian Peninsula.
Lowest { (1) 29.4 ins. and less, in a well-marked depression off the west of Ireland.
(2) 29.9 ins. and less, in a shallow disturbance over Switzerland and northern Italy.

Gradient steep over Ireland and the Irish Channel, moderate over the southeast of France, slight and very variable elsewhere.
Barometer falling in the southwest of Ireland, rising elsewhere — most in the north and east of our Islands.

TEMPERATURE

Highest, 53° at Brunna, Brest, Lillo, and Valencia, 52° at Rocherpoint, 49° at Jersey.

Lowest, 23° at Hornöand, 31° at Berlin, 30° at Munich, 39° at Oxford, 40° at Hunt Castle.

It has risen very decidedly over our Islands during the past 24 hours, fallen somewhat on the eastern shores of the North Sea.

WIND

S over the Bay of Biscay (strong in places). SE over the United Kingdom as a whole, and blowing a gale in the south of Ireland.
E on the eastern shores of the North Sea, variable over France.

WEATHER

Fine in the south and southwest of France and in Norway, cloudy or overcast elsewhere, with rain in the south of Ireland and at York, fog in many places.

Rain has fallen very generally in our Islands, but not heavily. A heavy fall, however, has occurred at Nice, and a considerable quantity at Lyons and Biarritz.

SEA

Rough both on the Scotch coasts and off the south of Ireland, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

DISTRICTS.

FORECASTS.

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

None issued.

DISTRICTS.

FORECASTS.

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

None issued.

WARNINGS

The SOUTH CONE was hoisted last night or early this morning in districts 0.6 to 10 and part of 1.

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 ...	29.09	45	39	ESE	4	o	4	Valencia ...	29.67	48	45	SSE	3	bc	3
Sumburgh Head ...	29.85	44	42	SE	6	o	7	Scilly ...	29.72	51	46	W	4	bc	3
Stornoway ...	29.63	48	45	SE	4	c	4	Jersey ...	29.67	51	51	NW	3	o	3
Aberdeen ...	29.77	43	41	SSE	4	ogmg	6	Hurst Castle ...	29.67	51	50	S	3	cm	2
Shields ...	29.74	41	40	SSE	1	f	2	Dungeness ...	29.72	48	47	SE	4	o	3
Ardrossan ...	29.66	39	37	NE	1	of	1	North Foreland ...	29.74	47	46	SE	2	o	4
Malin Head ...	29.62	46	44	SW	3	bc	2	London ...	29.71	50	47	E	1	c	*
Mullaghmore ...	29.64	47	43	S	3	bc	3	Yarmouth ...	29.75	47	46	SSE	4	bc	4
Belmullet ...	29.62	49	45	SE	2	bc	2	Rochefort ...	29.68	51	50	WSW	2	bc	*
Holyhead ...	29.66	47	47	WNW	1	pg	1								

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

Weather fine over the greater part of Ireland and Scotland, as well as in the west of Norway, and at some of the south German and Algerian stations. Dull in most other parts of Europe with fog over Central England and the Baltic Provinces, rain over Wales and the southern parts of France, and snow at Kuspie and St. Petersburg. Slight rain falling later in many parts of England, and larger amounts over northern Italy and the south of France (1.5 in. at Nice and 1.3 in. at Marseilles). Thunderstorm occurring at London.

Temperature risen slightly over the eastern parts of our Islands and the coast of France, as well as in Italy and Austria, but fallen elsewhere. Morning readings: highest 65° at Malta, 64° at Ponguinais, 60° at Algiers, and 59° at Brindisi; above 50° at most of the Mediterranean stations and also on the coast of Spain. Lowest 22° at Moscow, 24° at Archangel, and 27° at Prague, Vienna, and Budapest; below the freezing point in many parts of northern and central Europe, and very little above it over the central parts of the United Kingdom. Subsequently rising to 50° or a little more on our south and southwest coasts, to 60° or more in many parts of southern Europe and reaching 73° at Palermo.

Wind SE³ over Great Britain, the North Sea, Denmark, Germany, and the Baltic, light or moderate in force generally, but strong in Carliners and the west of Norway. Light SW¹ in the north of Ireland; variable over southwest coasts and also in France; N¹ in Italy and the south of Spain. Light from the SEnd at most of the Russian stations, but N¹ in the north of Sweden. Subsequently shifting to the SEnd in the west of Ireland; no important change occurring elsewhere.

Barometer highest 30.2 in. to 30.5 in. in an anticyclone lying over Russia, the Baltic, and the greater part of Scandinavia, 30.0 in. and upwards in Algeria and the south of Spain. Lowest 29.6 in. and less, in a shallow depression lying to the northward of our Islands; 29.7 in. and less, in very small disturbances lying over the Bristol Channel and the northwest of France. Latter systems subsequently moving eastwards; new and larger depression approaching the west of Ireland in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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, 21st November, 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 2).	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.	
		Ina.	°				Ina.	°	°	°							°	Ina.			
SCANDINAVIA.	Haparanda ...	30.44	30	NE	4	0	30.43	+12	29	28	-1	NE	4	0	#	0	34	28			
	Hernösand ...	30.41	30	NW	4	0	30.43	.00	31	28	+8	Z	0	0	#	0	31	19			
	Stockholm ...	30.38	32	NW	2	bc	30.35	+03	29	27	-7	NW	2	6	#	0	39	?			
	Wisby ...	30.34	39	N	6	0	30.32	+02	35	33	-4	NNE	7	0	#	0	41	35	0.04		
	Bodö ...	30.45	30	E	2	b	30.42	+09	31	27	0	E	2	0	#	6	32	27			
	Christiansund...	30.39	40	ESE	2	0	30.45	+18	39	36	+4	ESE	3	0	3	0	41	39			
	Skudesnaes ...	30.37	41	E	2	c	30.41	+18	39	36	-2	E/NE	2	0	2	c	42	35			
	Christiania Fjord (Færdø)	30.41	39	NNE	4	0	30.48	+17	32	31	-8	N/NW	4	0	4	0	40	30			
	Skagen (The Scaw)	30.38	42	SE	2	0	30.43	+20	39	38	-3	E/NE	2	7	1	0	45	34			
	Fanø ...	30.33	34	E	2	0	30.41	+29	33	32	-1	SE	1	0	#	0	37	32			
ISLANDS.	Sumburgh Head	30.28	44	ESE	3	0	30.43	+33	44	41	0	E	1	0	4	0	45	41	0.01		
	Stornoway ...	30.08	46	SE	4	0	30.27	+38	45	44	-1	SE	4	0	4	0	48	40	0.02		
	Wick ...	30.16	44	SE	4	0	30.37	+39	45	43	-2	SE	5	0	4	0	47	43	0.12		
	Nairn ...	30.12	42	E/NE	1	b	30.35	+40	45	42	+2	ESE	3	2	2	6	52	40			
	Aberdeen ...	30.20	45	SE	4	og q	30.41	+40	43	40	-4	SE	2	0	4	p.og q	47	43	0.04		
	Leith ...	30.12	43	SE	1	0	30.34	+38	43	43	+2	E	1	7	#	0	47	40			
	Shields ...	30.14	46	SSE	3	0	30.33	+34	47	45	+6	ESE	3	0	3	f.0	47	38			
	Spurn Head ...	30.12	47	E/NE	3	og	30.31	+36	45	45	-2	SSE	3	0	3	og	47	43	0.01		
	York ...	30.14	46	ESE	1	0	30.34	+36	43	43	-2	E	1	0	#	0	47	42	0.02		
	Loughborough	30.12	45	ESE	1	0	30.33	+37	37	37	-5	Z	0	ofw	#	0	46	36			
BRITISH.	Ardrossan ...	30.11	43	NE	1	bm	30.30	+39	42	40	0	NE	2	cm	1	bm	46	41			
	Malin Head ...	29.87	46	SSE	6	07	30.13	+32	47	46	+7	SE	5	om	3	07	47	40	0.21		
	Mullaghmore ...	29.78	50	E	7	og r	30.05	+31	51	48	+10	ESE	6	og	4	og r	52	40	0.11		
	Belmullet ...	29.66	51	SE	4	7	29.97	+39	51	49	+7	ESE	5	or	#	or	52	40	0.40		
	Donaghadee ...	29.99	49	S	6	c	30.23	+36	48	48	+2	SSE	6	bc	#	c	49	45	0.02		
	Liverpool (Bidston)	30.09	41	ESE	2	m	30.30	+35	40	39	+1	ESE	2	om	2	m	46	39	0.01		
	Holyhead ...	29.97	47	ESE	2	og	30.21	+33	45	43	+4	ESE	2	ew	1	c.og	48	40			
	Parsonstown ...	29.74	52	SE	2	7	30.04	+35	50	48	+3	SE	1	or	#	7	52	45	0.16		
	Valencia ...	29.60	52	SE	5	0	29.89	+49	53	51	0	ESE	3	c	#	og	53	50	0.88		
	Roche's Point	29.71	52	SSW	8	7	29.96	+32	52	52	0	SSW	8	7	6	7	53	47	1.80		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.91	51	SE	5	c	30.14	+30	48	48	0	ESE	5	c	5	o.c	52	48	0.02		
	Seilly ...	29.81	54	SSE	7	c	30.01	+26	53	52	0	SE	6	or	5	c	56	50	0.01		
	Prawle Point ...	30.01	51	SSE	4	c	30.18	+25	49	48	0	ESE	4	c	3	c	52	49			
	Jersey (St. Aubin's)	30.07	52	SSE	4	b	30.20	+21	48	45	-1	ESE	4	bc	3	bc m. b	52	47			
	Hurst Castle ...	30.10	47	SSE	2	bc	30.26	+28	46	45	+6	ESE	4	bc	2	bc	51	39			
	Dungeness ...	30.10	45	E	1	b	30.29	+35	48	46	+3	SSE	3	bc	2	bc, b	52	43			
	North Foreland	30.13	42	WSW	2	b	30.29	+35	49	46	+4	ESE	2	bcw	3	bc, b	49	40			
	London ...	30.13	42	S	1	bf	30.31	+37	37	37	-6	Z	0	f	#	bc, bf	46	35			
	Oxford ...	30.18	37	Z	0	b	30.31	+39	31	31	-8	NW	1	bm	#	c.f. bf	40	30			
	Cambridge ...	30.15	44	E	1	bc	30.34	+40	32	32	-9	SSE	1	c	#	bc	47	25			
FRANCE AND BELGIUM.	Yarmouth ...	30.08	48	ESE	2	c	30.31	+37	41	40	-6	Z	0	f	#	c	49	40			
	Cuxhaven ...	30.21	32	ESE	4	c	30.39	+32	32	30	0	ESE	4	c	#	c	34	30			
	Berlin ...	30.34	33	SE	3	0	30.45	+30	29	28	-2	SE	2	0	#	0	34	27			
	Wiesbaden ...	?	?	?	?	?	30.37	+37	35	34	0	Z	0	0	#	?	39	32			
	Munich ...	30.23	32	Z	0	7	30.35	+41	32	32	+2	NE	2	0	#	7	34	30	0.08		
	The Helder ...	30.24	?	ESE	?	?	30.38	+36	37	36	-1	NE	3	c	#	?	39	36			
	Brussels (S. a.m.)	?	?	?	?	?	30.36	+38	38	38	-1	ESE	1	f	#	f	47	37			
	Cape Gris Nez	30.10	46	W	1	b	30.24	+35	41	39	-5	E	1	bc	#	b	45	39			
	Paris ...	30.17	45	ESE	2	b	30.30	+30	38	38	-7	N/NE	2	b	#	b	51	37			
	Brest ...	?	55	S	5	c	?	?	50	49	-3	SE	4	c	#	c	57	48			
PENIN- SULA.	Lorient ...	30.01	53	SSE	5	bc	30.09	+14	45	44	-5	ESE	4	bc	6	bc	57	45			
	Rochefort ...	30.05	49	SE	4	b	30.12	+10	42	41	-6	SE	4	b	#	b	57	39			
	Belfort ...	?	45	E	4	f	?	?	44	42	-4	E	3	f	#	f	51	39			
	Lyons ...	30.20	45	N	1	0	30.30	+24	39	39	-6	SSE	1	f	#	0	51	37			
	Nice ...	30.02	48	E	2	b	30.24	+34	43	42	+1	E/NE	2	b	#	b	53	42			
	Perpignan ...	30.13	48	Z	0	b	30.21	+11	41	41	-3	WSW	1	b	#	b	57	39			
	Biarritz ...	30.04	53	SE	3	b	30.04	+04	50	42	+4	SE	3	b	#	b	64	39			
	Corfu ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?			
	Lisbon ...	30.00	57	SSE	4	0	30.03	-01	52	50	+3	E	4	c	#	0	61	49			

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Monday, 21st Nov. 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 bars 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.

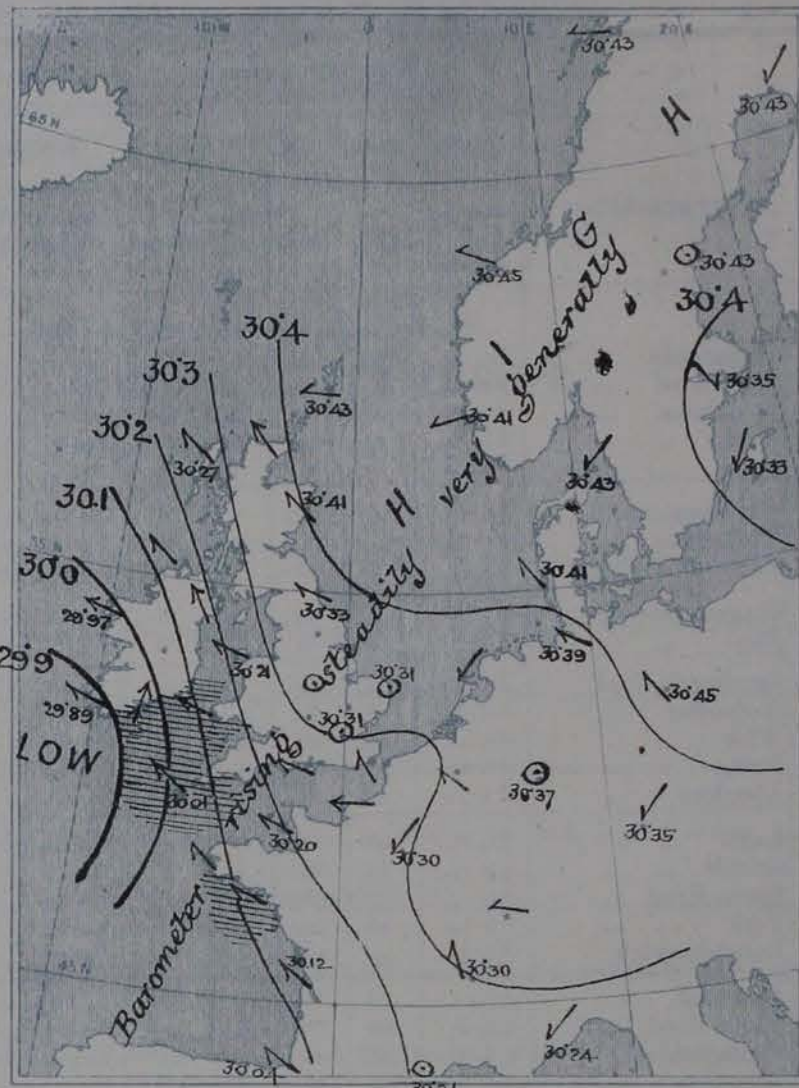
MEAN HEIGHT OF THE BAROMETER

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

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stormway	29.609
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.817
Valencia	29.865
Roche's Point	29.865
Pembroke	29.801
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.853
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	45.0	37.8	42.0	40.3	4.16
Stormway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	2.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.4	41.3	3.88
Mullaghmore	39.6	41.2	45.1	43.1	1.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	40.7	42.0	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.90
Parsonstown	49.1	37.1	41.0	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.12
Roche's Point	51.4	42.0	45.4	44.5	4.62
Pembroke	50.1	43.8	46.2	45.1	1.01
Scilly	52.4	46.7	50.9	48.0	3.72
Prawle Point	51.4	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	2.30
Hurst Castle	50.5	40.6	44.9	44.0	3.91
Dover	49.6	40.6	44.3	42.8	3.18
LONDON	49.6	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.0	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.69

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 ins. and more to 30.3 ins. over Scandinavia, Germany, the North Sea, and the eastern half of Great Britain.
 Lowest, 29.9 ins. and less, off the southwest coast of Ireland.
 Gradients moderate over our western districts, slight in the east.
 Barometer rising generally - most in the southwest of Ireland.

TEMPERATURE

Highest, 58° at Scilly and Valencia Island, 52° at Exeter and Rochester, 51° at Belmullet and Mullaghmore.
 Lowest, (1) 29° at Berlin, Stockholm and Haparanda, 31° at Helsingfors; (2) 31° at Oxford, 32° at Cambridge, 37° in London and at Loughborough.

WIND

(1) N^{ly} over the Baltic and Gulf of Bothnia - strong in places.
 (2) Calm over the midland and eastern parts of England.
 (3) SE^{ly} on all our northwestern and western coasts and over the Bay of Biscay; it is still strong in several places and blows hard at Rochester.

WEATHER

Fine and bright over the greater part of France and in many parts of England, but thick fog is reported in several parts of both countries - very thick in London. At our western stations the sky is overcast, and rain is falling at several stations. At Rochester there has been continuous rain, measuring in all 1.8 in.; at Valencia the fall was 0.9 in.; and at Belmullet 0.4 in.

SEA

Rough or rather so on our southwestern coasts and at Lorient, moderate in the north, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is filling up quickly, and anticyclonic conditions are becoming general.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

SE^{ly} winds, moderate or light, fair
 Same as N° 5.
 SE^{ly} and Variable airs and Calms, foggy, cold tonight.

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

SE^{ly} to E^{ly} winds, falling light; fine generally, cold inland tonight

WARNINGS

Signals all lowered this morning.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Dirac.	F.	WEA.	SEA.		BAR.	THER.		WIND. Dirac.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.32	42	38	E	4	0	2	Valencia ...							
Samburgh Head								Scilly ...							
Stornoway ...	30.00	48	47	S	4	0	4	Jersey ...	30.03	51	49	SE	3	bc	3
Aberdeen ...								Hurst Castle							
Shields ...								Dungeness ...	30.06	50	48	WSW	2	bc	1
Ardrossan ...				SE	6	0	3	North Foreland...	30.06	46	44	WNW	2	bc	2
Malin Head ...	29.82	45	43					London ...							*
Mullaghmore				ESE	7	0	*	Yarmouth ...							
Belmullet ...	29.57	50	48	SE	2	C	1	Rocheport ...	30.04	55	51	S	4	c	*
Holyhead ...	29.94	48	45												

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

Weather cloudy or overcast in most parts of our Islands and the Continent, with fog, rain and gloom at many of the English stations as well as at Valencia Island; rain falling over the greater part of Italy and snow reported at Kuopio, St. Petersburg and Moscow. Fine and bright over Spain and the south of France, as well as at several of the Algerian stations. Rain falling later in the west and extreme north of our Islands, heavily in the south of Ireland (1.8 ins. at Roche's Point). Sky clearing over the southern parts of England.

Temperature risen over the greater part of the United Kingdom, as well as in Austria and Italy, but fallen in most other countries. Morning readings highest 65° at Malta, 63° at Palermo, and 59° at Brindisi and Algiers; above 50° at most of the Italian and Mediterranean stations as well as in the south of Ireland and the NW. of France. Lowest 22° at Archangel, 24° at Moscow, 25° at St. Petersburg and 27° at Kiev, below the freezing point in many parts of Sweden, Russia, Germany and Austria. Rising during day to a little above 50° at several of our western stations and also at Haerlem and to 60° or more in the south of France. Sharp frost occurring at night in some parts of central England.

Wind SE^{ly} in our Islands light or moderate in force at all our more Nth and Eth stations but strong to a gale in the SW. moderate to fresh from the Sth over the Bay of Biscay. SE^{ly} in Denmark and Germany and E^{ly} in Norway; light NW^{ly} over the gulfs of Finland and Bothnia; variable in Russia and Austria, moderate from between S. and W. in Italy. Variable over the central and southern parts of France and also in Algeria but E^{ly} in Spain. No important change occurring later but gale in SW. tending to subside.

Barometer highest 30.2 ins. to 30.4 ins. and upwards in an anticyclone covering the whole of Russia and Nth Europe; 30.2 ins. and upwards in another system lying over the Sth parts of Spain. Lowest 29.4 ins. and less in a well marked depression lying off the southwest of Ireland; gradient steep over our western coasts; 29.9 ins. and less in a shallow system lying over Nth Italy. Former depression subsequently passing away over the Atlantic & Nth anticyclone spreading out in a Wth direction.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 13TH TO 15TH NOV. 1892.

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. 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 (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY 22ND NOVEMBER, 1912.

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.
SCANDINAVIA.																		
Haparanda ...	30.28	25	NE	2	c	30.06	-0.2	28	27	-1	SE	4	c	0	c	32	25	—
Hernösand ...	30.44	23	2	0	b	30.30	-0.1	21	20	-1	2	0	b	0	b	31	15	—
Stockholm ...	30.28	24	W	4	b	30.35	+0.0	24	23	-1	W	2	b	0	b	32	12	—
Wisby ...	30.34	26	N	8	c	30.40	+0.6	24	21	-1	N	6	c	0	c	27	20	0.04
Bodo ...	30.37	27	SE	4	c	29.91	-0.7	44	42	+1.8	W	7	c	4	c	37	20	—
Christiansund ...	30.48	40	W	1	p	30.41	-0.4	44	32	+2	W	6	p	3	p	41	37	0.04
Skudesnaes ...	30.57	38	2	0	c	30.40	-0.1	33	30	-2	2	0	c	2	b	37	36	—
Christiania Fjord (Færd)	30.52	29	N	2	b	30.47	-0.1	27	26	-5	N	2	c	1	b	32	27	—
Skagen (The Scaw)	30.52	24	N	1	c	30.47	+0.4	25	24	-4	W	2	c	0	c	33	32	—
Faro ...	30.50	24	SE	1	c	30.52	+1.1	33	32	0	SE	1	c	0	c	36	32	—
Sumburgh Head	30.48	42	NE	1	c	30.48	+0.5	40	33	-4	NE	1	c	3	c	46	36	—
Stornoway ...	30.32	40	2	0	f	30.36	+0.0	38	33	-7	2	0	b	2	b	47	32	—
Wick ...	30.40	40	E	5	c	30.44	+0.4	45	43	0	E	2	c	2	c	48	43	—
Nairn ...	30.39	44	SE	1	b	30.41	+0.6	34	33	-1	S	1	b	1	b	45	29	—
Aberdeen ...	30.45	44	SE	2	c	30.48	+0.3	44	41	+1	SE	2	c	3	c	45	40	—
Leith ...	30.44	42	SE	1	c	30.44	+1.0	38	33	-5	SE	2	b	0	c	45	36	0.01
Shields ...	30.37	47	SE	3	c	30.44	+1.1	44	43	-3	SE	1	m	3	f	47	41	0.02
Spurn Head ...	30.37	40	SE	2	b	30.42	+1.1	40	45	0	SE	1	om	2	b	46	40	—
York ...	30.38	43	SE	1	b	30.45	+1.1	41	40	-2	E	1	c	0	b	47	38	0.02
Loughborough	30.36	39	E	1	c	30.40	+0.4	41	40	+4	SE	2	om	0	c	45	36	—
ISLANDS.																		
Ardrossan ...	30.35	40	NE	2	b	30.38	+0.3	38	33	-4	NE	2	b	1	c	46	37	—
Malin Head ...	30.21	47	SE	5	om	30.32	+0.9	43	42	-4	SE	6	b	2	c	48	43	—
Mullaghmore ...	30.11	47	SE	7	ogu	30.17	+1.2	47	44	-4	E	6	c	5	ogu	51	47	0.02
Belmullet ...	30.05	49	SE	8	c	30.08	+1.1	47	45	-4	SE	6	c	0	c	51	46	0.03
Donaghadee ...	30.30	47	SE	6	c	30.33	+1.0	46	45	-2	SE	6	c	4	c	47	45	—
BRITISH.																		
Liverpool (Bidston)	30.32	44	SE	5	m	30.37	+0.5	42	41	+2	SE	3	c	3	m	46	40	—
Holyhead ...	30.25	44	SE	1	c	30.28	+0.3	41	40	-4	2	0	c	0	c	57	40	—
Parsonstown ...	30.11	49	SE	1	c	30.15	+1.1	45	45	-2	SE	1	c	0	c	53	46	0.07
Valencia ...	30.30	54	SE	7	p	30.35	+0.6	53	50	0	SE	7	ogu	7	p	53	51	0.07
Roche's Point	30.04	57	SE	8	T	30.10	+1.4	50	50	-2	SE	7	T	7	T	52	48	0.05
Pembroke (St. Ann's Hd.)	30.17	49	SE	6	c	30.20	+0.6	48	47	0	SE	6	ogu	6	c	50	47	—
Scilly ...	30.07	52	SE	6	c	30.09	+0.8	51	49	-2	SE	6	c	5	c	53	48	—
Prawle Point ...	30.22	47	E	6	c	30.23	+0.5	48	46	-1	E	6	ogu	5	b	57	44	—
Jersey (St. Aubin's)	30.21	50	SE	3	b	30.24	+0.4	46	44	-2	E	4	b	3	b	53	45	—
Hurst Castle ...	30.29	48	SE	3	c	30.29	+0.3	47	45	+1	SE	5	m	3	b	52	45	—
Dungeness ...	30.39	46	SE	4	c	30.36	+0.7	42	42	-6	SE	4	m	3	c	50	41	—
North Foreland	30.37	46	SE	4	c	30.38	+0.9	42	42	-7	E	4	om	4	c	48	40	—
London ...	30.34	42	E	2	b	30.37	+0.6	43	42	+6	SE	1	c	0	c	47	37	—
Oxford ...	30.36	42	SE	1	c	30.36	+0.9	43	42	+12	E	3	c	0	c	44	31	0.01
Cambridge ...	30.36	38	E	1	c	30.40	+0.6	42	42	+10	E	1	c	0	c	42	31	0.01
Yarmouth ...	30.38	46	SE	4	c	30.39	+0.8	45	43	+4	SE	4	c	4	c	47	40	—
GERMANY & HOLLAND.																		
Cuxhaven ...	30.42	32	SE	3	b	30.33	+1.4	35	32	+1	E	2	f	0	b	33	29	—
Berlin ...	30.49	28	W	1	b	30.38	+1.0	27	26	-2	W	2	f	0	b	32	25	—
Wiesbaden ...	30.49	30	0	0	c	30.49	+1.2	33	32	-2	E	4	c	0	c	33	32	—
Munich ...	30.41	30	SE	3	c	30.47	+1.2	32	32	0	NE	4	c	0	c	34	30	—
The Helder ...	30.47	38	E	1	c	30.51	+1.3	34	33	-3	E	1	f	1	c	37	32	—
FRANCE AND BELGIUM.																		
Brussels (S.M.)	30.42	40	SE	2	f	30.42	+0.6	40	39	+2	SE	2	f	0	f	40	38	—
Cape Gris Nez	30.32	40	SE	2	f	30.34	+1.0	37	37	-4	E	2	f	2	f	48	36	—
Paris ...	30.33	45	E	2	f	30.34	+0.4	37	37	-1	E	2	f	0	f	52	35	—
Brest ...	30.31	51	SE	4	c	30.31	0	46	45	-4	SE	5	c	4	c	53	40	—
Lorient ...	30.12	50	SE	5	c	30.13	+0.4	45	44	0	E	5	c	5	c	57	43	—
Rocheport ...	30.12	50	SE	4	b	30.14	+0.2	45	42	+3	SE	3	b	0	b	57	41	—
Belfort ...	30.12	44	E	4	c	30.12	0	40	39	-4	E	4	c	0	c	57	36	—
Lyons ...	30.34	42	E	1	c	30.36	+0.6	39	38	0	SE	1	m	0	c	48	38	—
Nice ...	30.28	50	2	0	b	30.31	+0.7	44	42	+1	E	2	b	2	b	57	43	—
Perpignan ...	30.28	46	2	0	b	30.28	+0.7	40	40	-1	SE	1	b	0	b	57	43	—
Biarritz ...	30.08	54	SE	3	b	30.08	+0.4	51	47	+1	SE	5	c	5	b	57	43	—
PENINSULA.																		
Corunna ...	30.37	30	SE	4	c	30.32	-0.1	29	27	+7	SE	4	c	0	c	64	52	0.04
Lisbon ...	30.37	30	SE	4	c	30.32	-0.1	29	27	+7	SE	4	c	0	c	64	52	0.04

For Explanation of Columns, see bottom of last page.

* Received too late for insertion in Chron on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 22nd Nov: 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.

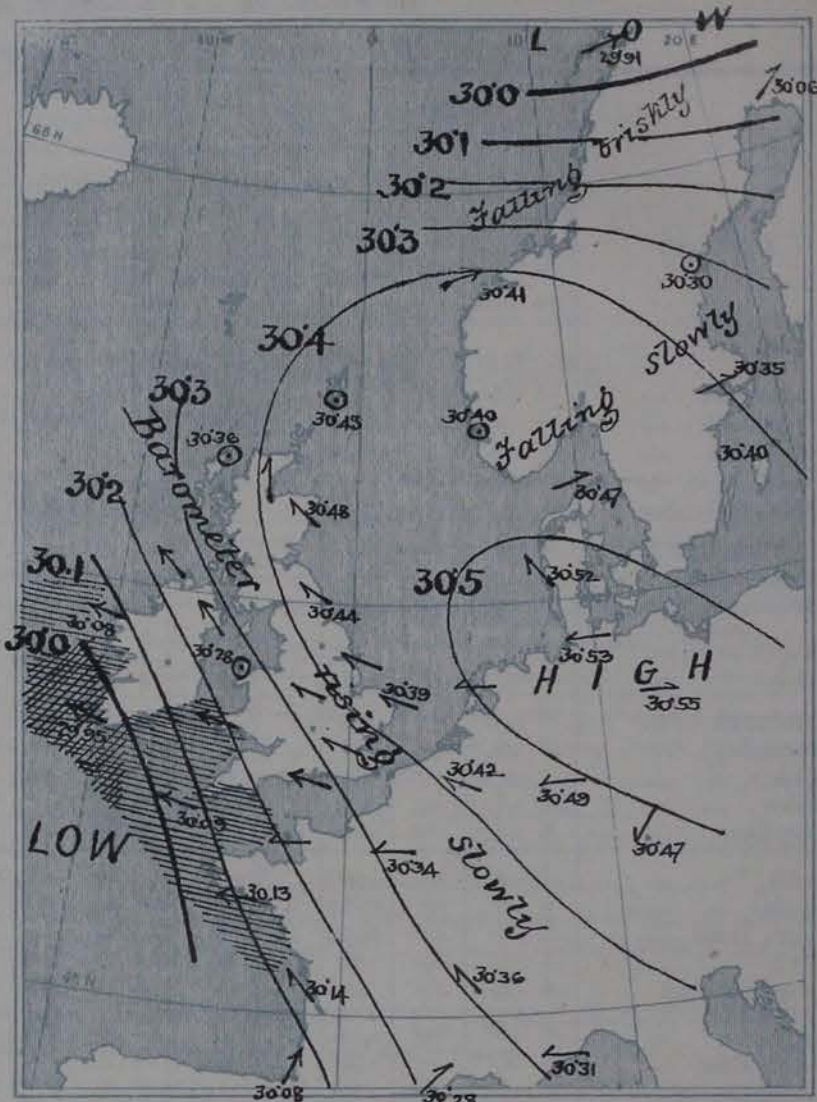
MEAN HEIGHT OF THE BAROMETER

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

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.855
Roche's Point	29.865
Pembroke	29.861
Selly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.5 in. and upwards over Germany and the southern part of the North Sea.
 Lowest, 30.0 in. and less, in a depression lying to the southward of our islands, and also in another disturbance lying over the north of Scandinavia.
 Gradients moderate over our western coast and the north of Scandinavia, but slight elsewhere.
 Barometer falling briskly in the far north, rising in most other localities, but steadily on our southwest coast.

TEMPERATURE

Highest, 59° at Lubeck, 53° at Valence Island, 51° at Kiel, and 50° at Rostock and Riga.
 Lowest, 21° at Hovsund, 24° at Stockholm, 27° at Berlin, 28° at Haparanda, and 32° at Munich.
 During yesterday the thermometer rose to a little above 50° at several of our western and southern stations.

WIND

E or SE over our islands, France, and the Netherlands, strong in force on our west and southwest coasts, with a moderate gale in the south of Ireland.
 Strong from the W or SW in the west of Norway, and light from the same quarters in Sweden and the north of Denmark.

WEATHER

Cloudy or overcast in most parts of Western Europe, with fog over north Germany and the Netherlands, mist and gloom at several of the English stations, and rain at Rostock as well as at Christiansund.
 Fine over the western and central parts of Scotland, and also at some of the Swedish stations.
 Heavy rain has again fallen in the south of Ireland, the amount measured this morning being as much as 1.0 in. at Valence Island and 0.7 in. at Rostock.

SEA

High at Valence Island and rough or rather so on our extreme west and southwest coasts generally, as well as in the Bay of Biscay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no indications of any very decided change in the weather. Depressions are still appearing off our southwest coast, and strong winds or gales from the southward are likely to continue in that region with occasional rain.

FORECASTS

For the 24 hours ending at NOON on 23rd November, 1892.

DISTRICTS.

FORECASTS.

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

SE winds, light; fair generally.

Same as N 5.

E and SE winds, light or moderate; dull, mist or fog locally.

DISTRICTS.

FORECASTS.

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

E winds, light; fair generally.

SE winds, strong, a gale in places; cloudy, possibly some rain.

WARNINGS

At 7.30 pm yesterday to districts 7 to 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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	30.57	36	36	E	2	bc	2	Valencia ...	30.19	54	53	SE	6	tg	6
Sumburgh Head ...	30.47	45	42	E	1	c	4	Scilly ...	30.05	53	51	SE	6	o	5
Stornoway ...	30.32	49	48	SE	2	c	3	Jersey ...	30.21	52	50	SE	3	o	3
Aberdeen ...	30.43	44	41	SE	3	c	4	Hurst Castle ...	30.29	49	47	SE	3	bc	2
Shields ...	30.3	46	45	SE	3	c	3	Dungeness ...	30.32	45	45	SE	3	c	2
Ardrossan ...	30.34	46	45	SE	2	cm	1	North Foreland ...	30.36	45	45	SE	2	o	3
Malin Head ...	30.19	48	46	SE	4	cm	2	London ...	30.34	47	45	SE	1	o	*
Mullaghmore ...	30.12	57	48	SE	6	og	4	Yarmouth ...	30.33	47	46	SE	3	cm	3
Belmullet ...	30.04	57	48	SE	4	o	*	Rochefort ...							*
Holyhead ...	30.24	50	46	SE	2	c	1								

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

Weather in morning fine and bright over Algeria, the Peninsula and a great deal of France as well as at several stations over the southern half of England and at Stockholm; cloudy or overcast elsewhere, foggy in the southeast of England, rainy in the south of Ireland and at the Scaev, snow falling at Moscow and over the Gulf of Finland. Further heavy falls of rain in the south of Ireland later, slight showers in the northern parts of Ireland and England and in the northwest of Norway. Fog clearing in London at night.

Temperature irregularly distributed. Morning readings highest 64° at Malta, 50° and more at nearly all the Mediterranean stations as well as on the coast of Portugal the southwestern coasts of the British Isles, and exceeding 40° at most of the stations in our Islands. Lowest (1) 21° at Moscow, 23° at Kaspio, 25° at Archangel, 27° at Kiev, 29° at Berlin, 30° at Cracow and Breslau; (2) 31° at Aogord, 32° at Cambridge. Failing to reach 50° in the north and east of the British Islands during the day but touching 55° at Valencia (Ireland), 57° at Lorient, and 62° at Lisbon.

Wind (1) N^W (NNE to NW) over Sweden and the Baltic, SE^W over central Russia and Finland - light to moderate in force. (2) SE^W over the United Kingdom and the Atlantic coasts of Europe generally - calm over England, strong in the west, and blowing a gale at Rosh's Point and Corunna. (3) Very variable over central Europe and the Mediterranean.

Barometer highest 30.4 ins. and more to 30.3 ins. over Scandinavia, the North Sea, the eastern parts of St. Britain and France and over Germany; (2) exceeding 30.3 ins. over central Spain. Lowest 29.9 ins. and less off the southwest of Ireland, 30.2 ins. and less over the Gulf of Riga and the Baltic Provinces; 30.1 ins. and less near La Calle. Rising slightly over the North Sea and British Islands later.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 13TH TO 15TH NOV. 1892.

During the whole of this week pressure has been highest over Russia, the Baltic and countries lying to the eastward of the North Sea, lowest to the westward or north-westward of the British Islands, and at the beginning of the week a deep and well-formed depression travelled north-eastwards outside our western and north-western coasts, causing S^W and SW^W gales of considerable strength at the Irish and Scotch stations while S^W breezes of less force were felt over the rest of the Kingdom. Temperature was above the average and rain fell generally - but particularly in the west and north.

After Wednesday, however, a series of local, shallow, disturbances began to appear over France and England, and while the general distribution of pressure remained as before, the condition was rendered very complex locally over the Countries named and the North Sea, and an excess of rain fell over our southern and eastern countries, while N^W winds spread over us at irregular intervals. At the close of the week such local disturbances were still appearing; Temperature was changing fitfully and the weather was cloudy, damp, foggy and gloomy.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 23 November, 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.		AMOUNT OF RAINFALL.	
	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 9).		Max.	Min.		
	Inch.	°				Inch.		°	°									Inch.	
SCANDINAVIA.	Haparanda ...	29.52	32	Z	0	b	29.58	- 48	23	22	- 5	N	2	b	#	b	34	23	0.04
	Hernösand ...	29.89	41	S	6	0	29.92	- 38	40	36	+ 19	W	2	0	#	0	43	16	-
	Stockholm ...	30.17	31	W	2	0	30.05	- 30	34	32	+ 10	W	2	c	#	0	?	19	-
	Wishy ...	30.24	36	W	6	0	30.07	- 33	39	37	+ 5	W	6	0	#	0	?	30	-
	Bodö ...	29.82	39	W	7	0	29.84	- 07	33	31	- 11	W	8	0	#	0	46	30	-
	Christiansund...	30.27	44	W	9	7	30.17	- 24	44	39	+ 3	W	5	f	5	7	45	41	0.39
	Skudesnaes ...	30.43	37	N	2	b	30.31	- 09	37	36	0	N	2	b	1	7	41	34	-
	Christiania Fjord (Færd)	30.34	31	W	2	b	30.21	- 26	31	30	+ 4	W	2	b	1	b	32	27	-
	Skagen (The Scaw)	30.32	34	Z	0	b	30.20	- 27	31	30	- 4	Z	0	b	0	b	41	30	-
	Fanö ...	30.45	32	S	4	c	30.32	- 21	41	39	+ 8	W	2	c	#	c	41	30	-
BRITISH ISLANDS.	Sumburgh Head	30.46	42	Z	0	0	30.34	- 14	42	39	+ 2	Z	0	0	2	0	46	37	-
	Stornoway ...	30.33	36	N	2	b	30.25	- 11	30	30	- 8	Z	0	f	2	b	48	27	-
	Wick ...	30.42	44	S	4	b	30.26	- 18	43	41	- 2	S	3	b	2	b	46	41	-
	Nairn ...	30.37	37	Z	0	b	30.27	- 14	25	24	- 9	Z	0	m	1	b	45	22	-
	Aberdeen ...	30.45	44	SE	2	0	30.35	- 13	43	40	- 1	S	2	om	2	0	45	42	-
	Leith ...	30.42	46	SE	1	b	30.34	- 10	41	38	+ 3	SE	1	0	#	b	46	36	-
	Shields ...	30.41	46	SE	2	0	30.35	- 09	44	41	0	SE	3	0	3	0	47	40	-
	Spurn Head ...	30.37	46	E	3	0	30.34	- 08	45	44	0	SE	3	0	2	0	46	43	-
	York ...	30.41	44	E	1	0	30.36	- 09	43	41	+ 2	E	1	0	#	0	46	40	-
	Loughborough	30.38	44	E	1	0	30.34	- 06	42	41	+ 1	SE	2	om	#	0	45	40	-
GERMANY & HOLLAND.	Ardrossan ...	30.37	41	NE	1	b	30.31	- 07	36	34	- 2	NE	1	b	1	b	43	34	-
	Malin Head ...	30.23	44	SE	5	cm	30.21	- 01	43	41	0	SE	4	cm	2	c	46	42	-
	Mullaghmore ...	30.20	47	E	5	0	30.18	+ 01	46	44	- 1	E	5	0	4	c	49	45	-
	Belmullet ...	30.08	48	SE	6	0	30.14	+ 06	47	45	0	SE	2	c	#	0	49	44	0.24
	Donaghadee ...	30.32	47	SE	6	b	30.27	- 06	45	44	- 1	SE	5	c	4	b	47	44	-
	Liverpool (Bldston)	30.35	44	SE	4	0	30.30	- 07	42	40	0	SE	3	0	3	0	44	41	-
	Holyhead ...	30.25	44	E	2	og	30.24	- 04	38	38	- 3	SE	1	og	1	og	46	37	-
	Parsonstown ...	30.15	47	SE	1	0	30.18	+ 03	45	44	- 3	SE	1	0	#	0	45	45	0.07
	Valencia ...	30.01	53	E	7	og	30.11	+ 16	52	51	- 1	SE	4	c	4	b	55	50	0.33
	Roche's Point	30.13	51	SE	6	0	30.13	+ 03	50	50	0	SE	5	0	5	0	52	49	0.55
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.17	46	SE	6	0	30.20	- 00	46	45	- 2	SE	5	og	5	0	48	45	-
	Scilly ...	30.07	52	SE	7	om	30.10	+ 01	52	52	+ 1	SE	6	m	5	om	54	49	0.01
	Prawle Point ...	30.25	46	E	5	c	30.22	- 01	47	46	- 1	E	4	og	3	c	49	46	-
	Jersey (St. Aubin's)	30.21	46	E	3	om	30.23	- 01	47	46	+ 1	SE	3	og	3	c	47	44	-
	Hurst Castle ...	30.27	45	E	6	om	30.27	- 02	44	43	- 3	E	5	om	2	om	49	43	-
	Dungeness ...	30.30	45	SE	4	0	30.29	- 07	41	40	- 1	E	4	c	3	0	46	40	-
	North Foreland	30.31	45	E	4	og	30.31	- 07	43	42	+ 1	E	4	0	4	og	45	40	-
	London ...	30.33	44	E	3	og	30.31	- 06	42	41	- 1	SE	2	og	#	og	45	39	-
	Oxford ...	30.33	42	E	2	0	30.31	- 05	41	39	- 2	E	1	c	#	og	44	41	-
	Cambridge ...	30.33	44	E	1	0	30.36	- 04	44	42	+ 2	E	1	0	#	0	44	41	-
PENINSULA.	Yarmouth ...	30.38	44	E	5	0	30.34	- 05	43	42	- 2	E	4	og	4	og	46	41	-
	Cuxhaven ...	30.53	31	E	2	f	30.41	- 12	25	24	- 8	S	1	f	#	f	33	24	-
	Berlin ...	30.51	25	SW	1	f	30.39	- 16	25	25	- 2	SW	2	f	#	f	30	23	-
	Wiesbaden ...	30.36	28	E	5	0	30.34	- 15	28	27	- 5	E	1	c	#	0	36	27	-
	Munich ...	30.36	28	E	5	0	30.35	- 12	27	27	- 5	NE	4	f	#	0	34	27	-
	The Helder ...	30.47	37	E	2	f	30.41	- 10	36	35	+ 2	E	3	0	2	f	37	34	-
	Brussels (9 a.m.)	30.35	40	E	1	m	30.35	- 07	29	29	- 11	E	2	f	#	b	41	28	-
	Cape Gris Nez	30.30	40	E	1	m	30.27	- 07	32	32	- 5	E	3	m	5	m	45	30	-
	Paris ...	30.30	39	E	2	0	30.28	- 06	36	35	- 1	NE	2	0	#	0	41	36	-
	Brest ...	30.30	52	SE	6	0	30.28	- 06	50	?	+ 4	E	4	m	3	0	52	46	0.08
FRANCE AND BELGIUM.	Lorient ...	30.14	46	E	5	0	30.17	+ 04	46	45	+ 1	SE	4	0	3	0	55	45	-
	Rochefort ...	30.12	52	SE	3	0	30.16	+ 02	50	49	+ 5	SE	3	0	#	0	57	45	-
	Belfort ...	30.12	36	E	4	m	30.12	+ 02	38	36	- 2	E	4	0	#	m	40	31	-
	Lyons ...	30.30	42	SE	1	0	30.26	- 10	40	39	+ 1	W	1	om	#	0	44	39	-
	Nice ...	30.31	51	Z	0	0	30.25	- 06	47	46	+ 3	E	1	0	1	b	57	44	-
	Perpignan ...	30.25	49	Z	0	0	30.23	- 05	49	48	+ 9	SW	1	0	#	c	58	40	-
	Biarritz ...	30.09	62	S	3	0	30.15	+ 07	62	57	+ 11	W	4	0	2	0	66	48	-
	Corunna ...	30.15	60	E	3	0	30.26	+ 24	57	57	- 2	NE	4	0	#	0	66	55	0.35
	Lisbon ...	30.15	60	E	3	0	30.26	+ 24	57	57	- 2	NE	4	0	#	0	66	55	0.35

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Wednesday, 23rd Nov. 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.

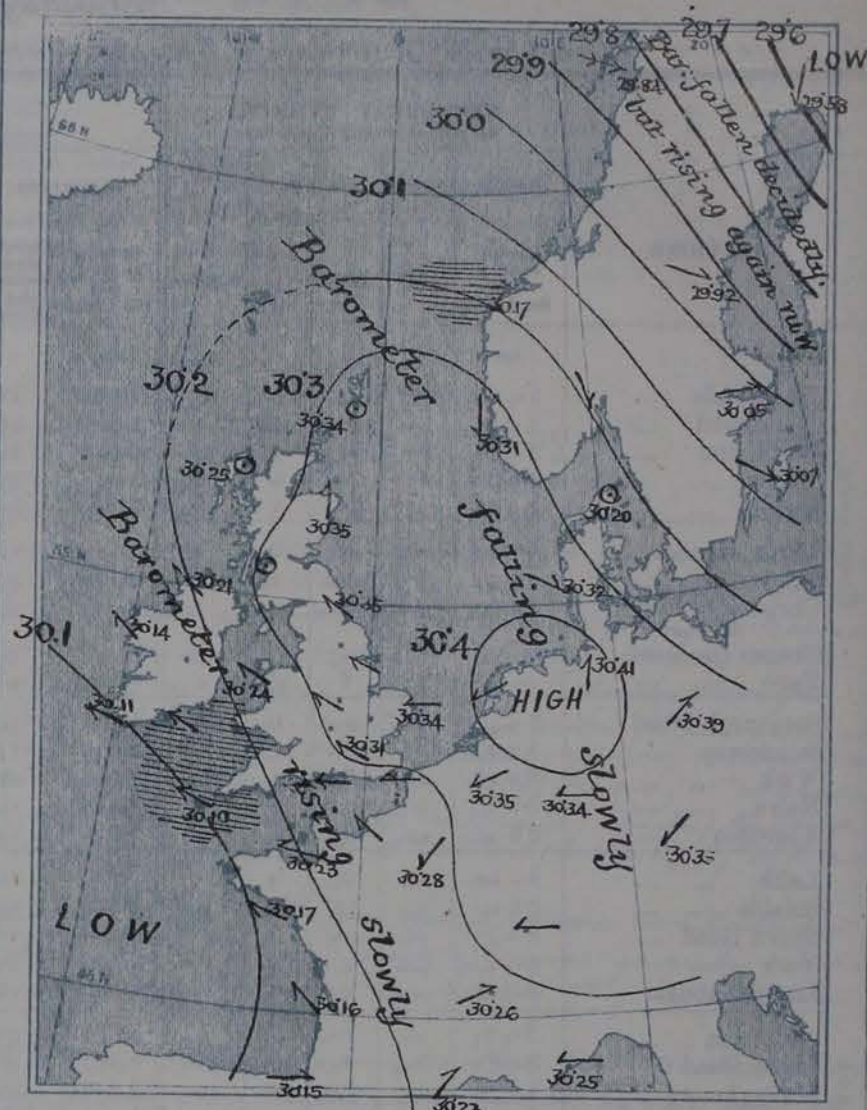
MEAN HEIGHT OF THE BAROMETER

at 8 a.m. for the month of November
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardsossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Seilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.805



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.

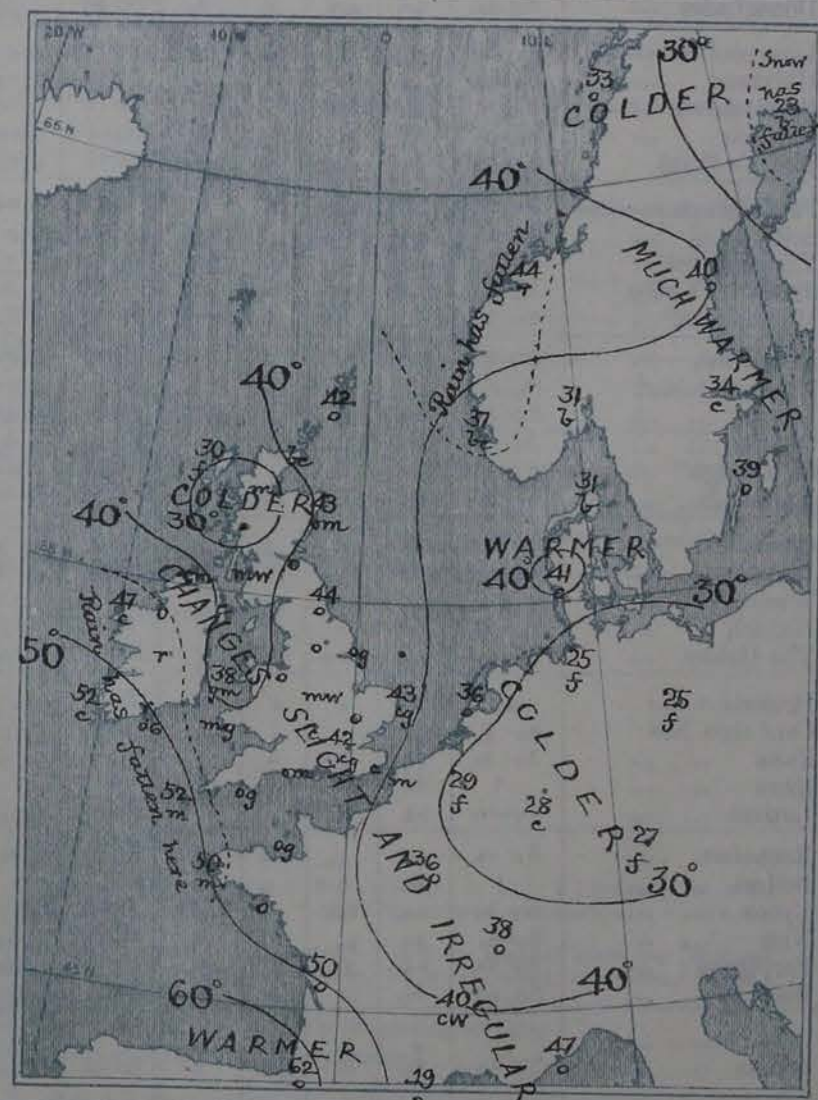
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardsossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	1.18
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.0	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	46.0	45.1	1.04
Seilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	1.20
Jersey	51.9	41.1	47.7	45.8	1.30
Hurst Castle	50.5	40.6	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.18
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.06

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 30.4 ins. in an anticyclone lying over Germany, the Netherlands, the North Sea, and the eastern part of Great Britain.
 Lowest, 29.6 ins. and less, in a depression lying over Lapland; 30.1 ins. and less, in a shallow area lying off our southwest coast.
 Gradients moderate over the northern parts of Scandinavia, but slight elsewhere.
 Barometer falling a little in the immediate neighbourhood of the anticyclone, but rising elsewhere.

TEMPERATURE

Highest, 62° at Bionitz, 57° at Lissau, 52° at Valenzuela Island and Kelly, and 50° at Rocher Point and Rochefort.
 Lowest, (1) 23° at Haparanda, 25° at Cuxhaven and Kiel, 27° at Munich and 28° at Wiesbaden, (2) 25° at Kairu and 30° at Tromsø.
 The maxima registered yesterday were below 50° on all but our southwest coasts and below 45° at some of the inland English stations.

WIND

E^{ly} or SE^{ly} over the greater part of our Islands and France; light or moderate in force generally, but fresh or strong on our extreme southwest coasts.
 W^{ly} or NW^{ly} in Scandinavia and Denmark, with a gale at Åbo.
 Light from the Wnd or SWnd in the south of France.

WEATHER

Dull in most parts of Western Europe, with mist or fog in many places, and with rain at Brest, as well as at Christiania and at Trondheim.
 Fine and bright in Denmark and the south of Norway.
 Rain fell yesterday in the west and south of Ireland, the largest amount being 0.6 in. at Rocher Point.

SEA

Rather rough on our southwest coasts, as well as at Cape Fin Naz and Christiania, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large anticyclone to the eastward of our Islands appears to be gradually breaking up, but no important change in the weather is indicated at present.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	S ^{ly} to SW ^{ly} winds, light or moderate; dull, rain locally.
1	SCOTLAND EAST	SE ^{ly} and S ^{ly} winds, light; dull, mist or fog locally.
2	ENGLAND N.E.	
3	ENGLAND EAST	E ^{ly} and SE ^{ly} winds, light; dull, some mist or fog.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	E ^{ly} to SE ^{ly} winds, light; fair generally but local fogs.
7	ENGLAND N.W.	
8	ENGLAND S.W.	E ^{ly} to SE ^{ly} winds, moderating in force; dull at first with local rains then fair.
9	IRELAND NORTH	
10	IRELAND SOUTH	
WARNINGS		At 10.20 am. to districts 7 to 10. "Lower Cone."

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.48	41	89	E	1	1	2	Valencia ...	29.96	55	51	ESE	8	b c q	6
Sumburgh Head ...	30.48	43	40	2	0	0	3	Scilly ...	30.09	54	51	ESE	6	0	5
Stornoway ...	30.35	48	45	SE	2	6	2	Jersey ...	30.21	47	45	E NE	3	c	3
Aberdeen ...	30.47	45	44	SSE	2	0	3	Hurst Castle ...	30.30	45	44	E NE	5	0 m	4
Shields ...	30.43	46	44	SE	2	0	3	Dungeness ...	30.31	45	44	E	4	0	4
Ardrossan ...	30.36	42	40	NE	2	0 cm	1	North Foreland ...	30.33	45	43	E	4	0	4
Malin Head ...	30.20	45	43	SE	5	c	2	London ...	30.35	45	44	E	2	0 g f	4
Mullaghmore ...	30.19	49	45	E	5	cm	4	Yarmouth ...	30.37	45	43	E	4	c g	4
Behmullet ...	30.06	49	46	ESE	6	c	4	Rochefort ...	30.13	55	53	SE	3	c	4
Holyhead ...	30.20	46	43	ESE	2	0 g	1								

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

Weather in morning fine and bright at some of the Mediterranean stations, at Jersey, and at many of the Scotch stations, but as a whole, dull and very gloomy elsewhere; fog or haze in many parts of the Netherlands, England, rain in the south of Ireland, and west of Norway, and snow at St. Petersburg, Riga, Odessa, and Hermannstadt. Further and considerable falls of rain in the south of Ireland during the day, as well as at Christiansund and off Lisbon. Gloomy weather continuing over England.

Temperature changing little and irregularly, morning readings highest (between 50° and 60°) over the greater part of the Mediterranean and the coast of Portugal, and 50° to 52° on our own extreme southwest coasts. Lowest 24° at Archangel, and Hernosand, 23° to 25° over Finland, and 25° to 28° over central and southern Russia; 27° at Berlin and Breslau, 29° at Puda Kert, 30° at Warsaw and Lemberg; 34° at Kain, 38° at Stornoway and Ardrossan. Not exceeding 50° in our islands later except in the southwest of Ireland and at Scilly, but rising to 57° at Rochefort and Nice, 66° at St. Raphael and Lisbon. Succeeding night very cold in north of Scotland.

Wind very light and variable over Russia, central Europe and the Mediterranean, but E¹ to SE³ over the British Islands, and the western parts of France and the Peninsula (strong to a gale at the most western stations), and W³, strong to a gale, in the northwest of Norway. Gale in latter district increasing later, that in south of Ireland dying down.

Barometer highest 30.5 ins. and more to 30.8 ins. in a large anticyclone covering the whole of the North Sea and central Europe, and 30.3 ins. and more in another over the east of Spain. Lowest 29.9 ins. and less, over Lapland, 30.0 ins. and less, off the southwest of Ireland and the Portuguese coast. Shallow secondary disturbances found over the northern half of Russia. Falling decidedly over northern Europe during the day, changing little and irregularly over the British Islands and their neighbourhood.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 24th November, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. N. 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 5 P.M. and Sea Level.	Dry Bulb.	Wet Bulb.	Direc.	Force (0 to 12).	Weather.	Reading at 5 P.M. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).		Weather.	Max.		Min.		
Inch.	°					Inch.	°	°	°								Inch.			
SCANDINAVIA.																				
Haparanda ...	29.60	20	2	0	6	b	29.70	+ 12	17	17	- 6	N	2	bc	2	6	34	-		
Hernösand ...	29.85	33	NW	4	0	o	29.78	- 14	27	25	- 13	NW	4	bc	2	6	43	0.08		
Stockholm ...	29.91	36	W	2	7	r	29.72	- 33	32	31	- 2	NW	2	c	2	6	41	30		
Wisby ...	29.96	40	NW	6	c	c	29.73	- 34	38	36	- 1	NW	4	o	2	6	41	32		
Bodö ...	29.79	29	NW	6	c	c	29.85	+ 01	28	25	- 5	NNE	4	c	2	6	34	21		
CHRISTIANIA.																				
Christiansund...	30.03	41	NW	8	7	r	30.01	- 16	33	30	- 11	NW	7	c	5	7	44	32		
Skudesnaes ...	30.19	42	NW	2	0	o	30.00	- 31	41	40	+ 4	NW	3	o	2	6	42	34		
Christiania Fjord (Færder)	30.04	85	2	0	6	b	29.85	- 36	37	35	+ 6	W	2	bc	1	6	37	31		
Skagen (The Scaw)	29.99	37	W	1	6	b	29.88	- 32	40	38	+ 9	NW	2	bc	0	6	40	31		
Fanø ...	30.19	42	NW	4	0	o	30.08	- 24	41	39	0	NW	4	o	2	6	43	41		
SCOTLAND.																				
Sumburgh Head	30.23	43	2	0	0	o	30.15	- 19	40	39	- 2	NE	1	o	2	0	44	38		
Stornoway ...	30.24	39	2	0	0	f	30.15	- 10	42	41	+ 12	2	0	o	2	0	45	28		
Wick ...	30.21	39	SSW	3	bc	bc	30.15	- 11	42	41	- 1	NW	1	o	1	bc	46	36		
Nairn ...	30.23	28	W	1	6	b	30.15	- 12	38	37	+ 13	SSW	1	o	1	bc	38	21		
Aberdeen ...	30.27	36	SW	2	6	b	30.17	- 18	38	37	- 5	SSW	2	og	2	cm, bc	44	31		
IRELAND.																				
Leith ...	30.28	41	S	1	0	o	30.19	- 15	38	36	- 3	E	2	om	2	o	45	32		
Shields ...	30.26	44	SSE	2	0	o	30.17	- 18	40	38	- 4	NW	1	o	2	o	45	37		
Spurn Head ...	30.29	44	SSE	2	og	og	30.18	- 16	38	37	- 7	SSW	2	ogm	2	og	45	37		
York ...	30.31	43	SSE	1	0	o	30.19	- 17	39	37	- 4	W	1	o	2	o	45	39		
Loughborough	30.30	42	ESE	2	0	o	30.21	- 13	39	38	- 3	SE	1	ogm	2	o	44	38		
BRITISH ISLANDS.																				
Ardrossan ...	30.27	38	NE	1	bc	bc	30.16	- 15	41	39	+ 5	NE	1	og	1	bc	41	35		
Malin Head ...	30.19	43	SSE	3	om	om	30.13	- 08	42	41	- 1	SE	1	om	0	om	45	41		
Mullaghmore ...	30.19	47	E	1	om	om	30.13	- 05	46	45	0	ESE	1	om	2	om	48	45		
Belmullet ...	30.16	47	ESE	3	0	o	30.12	- 02	47	46	0	ESE	1	o	2	o	47	45		
Donaghadee ...	30.26	46	SSE	3	m	m	30.17	- 10	44	44	- 1	NW	3	m	2	m	47	41		
SCOTLAND.																				
Liverpool (Bldston)	30.27	42	SE	2	0	o	30.19	- 11	40	39	- 2	SE	1	m	2	o	44	39		
Holyhead ...	30.22	45	2	0	ogm	ogm	30.16	- 08	46	45	+ 8	ESE	1	ogm	1	og, ogm	48	38		
Parsonstown ...	30.17	46	SE	1	0	o	30.16	- 02	40	39	- 5	2	0	f	2	o	47	39		
Valencia ...	30.17	54	SSE	1	bc	bc	30.11	- 00	53	52	+ 1	SSE	4	og	3	og, bc	57	44		
Roche's Point	30.15	50	ESE	5	rm	rm	30.20	+ 07	50	50	0	ESE	4	2	4	rm, f	52	46		
IRELAND.																				
Pembroke (St. Ann's Hd.)	30.19	46	ESE	4	m	m	30.18	- 02	51	49	+ 5	W	2	og	3	m	51	45		
Scilly ...	30.17	50	NW	3	f	f	30.20	+ 10	51	51	- 1	NW	4	om	3	m, f	54	47		
Prawle Point ...	30.21	47	E	3	r	r	30.24	+ 02	48	48	+ 1	W	2	og	1	bc, f, r	48	44		
Jersey (St. Aubin's)	30.25	48	SE	3	ogmd	ogmd	30.27	+ 04	52	50	+ 5	W	3	ogm	3	ogmd	53	46		
Hurst Castle ...	30.26	44	ESE	4	m	m	30.23	- 04	42	42	- 2	SW	1	m	2	m	47	41		
SCOTLAND.																				
Dungeness ...	30.28	38	E	1	0	o	30.20	- 09	40	40	- 1	NNE	2	m	1	o	41	36		
North Foreland	30.28	40	E	2	c	c	30.19	- 12	38	38	- 5	W	1	ogm	2	o	43	35		
London ...	30.29	41	ESE	2	0	o	30.23	- 08	39	38	- 3	SW	1	f	2	gm, f, o	45	37		
Oxford ...	30.29	40	E	1	0	o	30.22	- 09	38	38	- 3	SE	1	o	2	o	45	38		
Cambridge ...	30.32	41	2	0	0	o	30.23	- 13	39	38	- 5	2	0	o	2	o	45	37		
Yarmouth ...	30.30	42	E	3	og	og	30.18	- 16	40	38	+ 3	W	2	ogm	3	og	44	38		
GERMANY & HOLLAND.																				
Cuxhaven ...	30.33	32	SW	2	f	f	30.17	- 24	36	35	+ 11	W	2	o	2	f	36	25		
Berlin ...	30.31	23	W	2	0	o	30.16	- 23	32	31	+ 7	W	3	o	2	o	32	23		
Wiesbaden ...	30.33	28	SE	1	m	m	30.30	- 04	30	29	+ 2	E	2	o	2	m	37	25		
Munich ...	30.33	28	SE	1	m	m	30.29	- 06	28	28	+ 1	SW	4	bc	1	f	30	24		
The Helder ...	30.36	34	E	1	f	f	30.25	- 16	23	23	- 3	SSE	1	bc	1	f	36	32		
FRANCE & BELGIUM.																				
Brussels (8 a.m.)	30.26	30	2	0	0	o	30.26	- 09	30	30	+ 1	2	0	o	2	f	33	28		
Cape Gris Nez	30.28	32	E	1	f	f	30.21	- 06	35	34	+ 3	SE	1	og	1	f	34	28		
Paris ...	30.30	36	SE	1	0	o	30.26	- 02	37	37	+ 1	SW	2	og	2	o	38	36		
Brest ...	30.33	51	NW	1	m	m	30.28	- 05	53	52	+ 3	W	1	og	2	m	53	48		
Lorient ...	30.24	35	NW	4	0	o	30.28	+ 11	51	50	+ 5	S	1	o	2	o	55	46		
SPAIN.																				
Roche fort ...	30.22	54	2	0	0	o	30.29	+ 13	49	48	- 1	E	3	bc	2	bc	57	46		
Belfort ...	30.30	36	NE	4	0	o	30.24	+ 08	42	39	+ 4	SW	4	bc	2	bc	50	37		
Lyons ...	30.30	40	N	1	6	b	30.21	- 04	44	41	- 3	E	1	bc	1	bc	54	43		
Nice ...	30.23	49	2	0	6	b	30.26	+ 03	57	54	+ 8	NW	3	o	1	o	56	49		
Perpignan ...	30.26	52	2	0	0	o	30.34	+ 19	56	53	- 6	NW	3	o	1	bc	64	52		
Biarritz ...	30.27	58	NSW	3	6	b	30.34	+ 19	56	53	- 6	NW	3	o	1	bc	64	52		
PORTUGAL.																				
Corunna ...	30.30	59	N	4	6	b	30.30	+ 04	54	53	- 3	NNE	3	bc	2	bc	64	57		
Lisbon ...	30.30	59	N	4	6	b	30.30	+ 04	54	53	- 3	NNE	3	bc	2	bc	64	57		

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in *Chart* on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 24th Nov. 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.

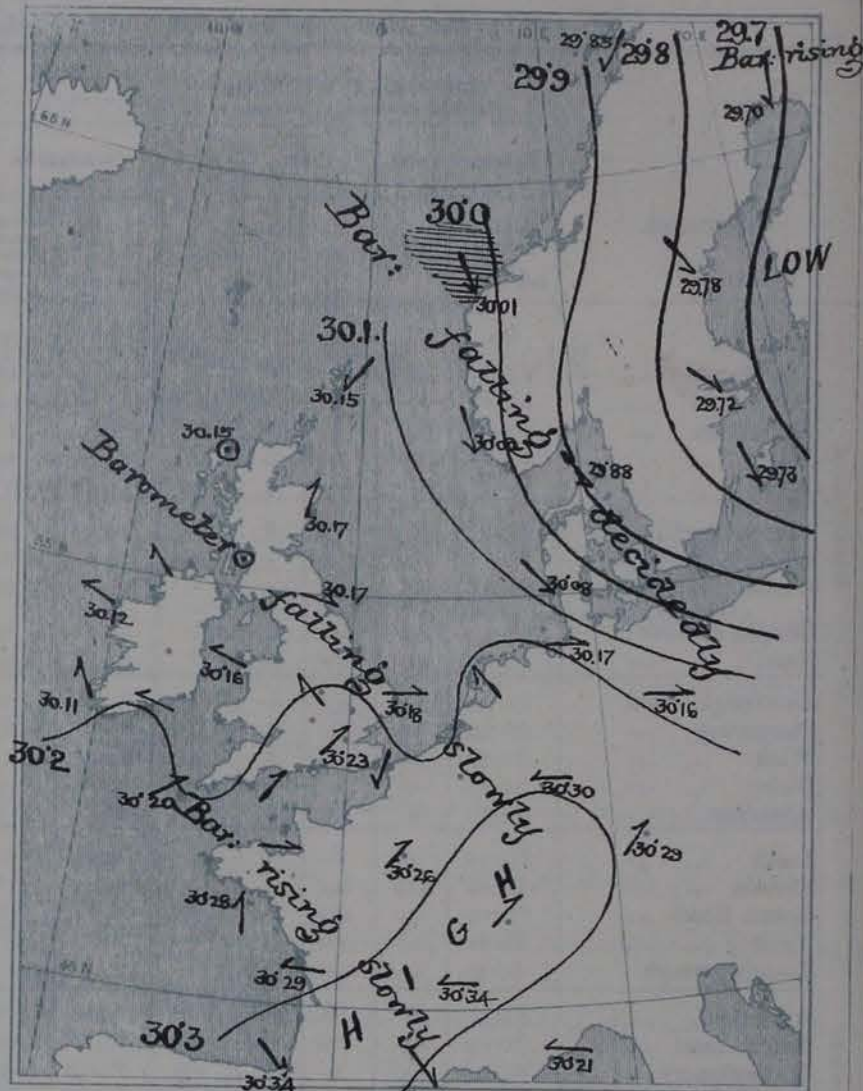
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November
during the 20 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stormway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.816
Loughborough	29.877
Androssan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Seilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.823
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

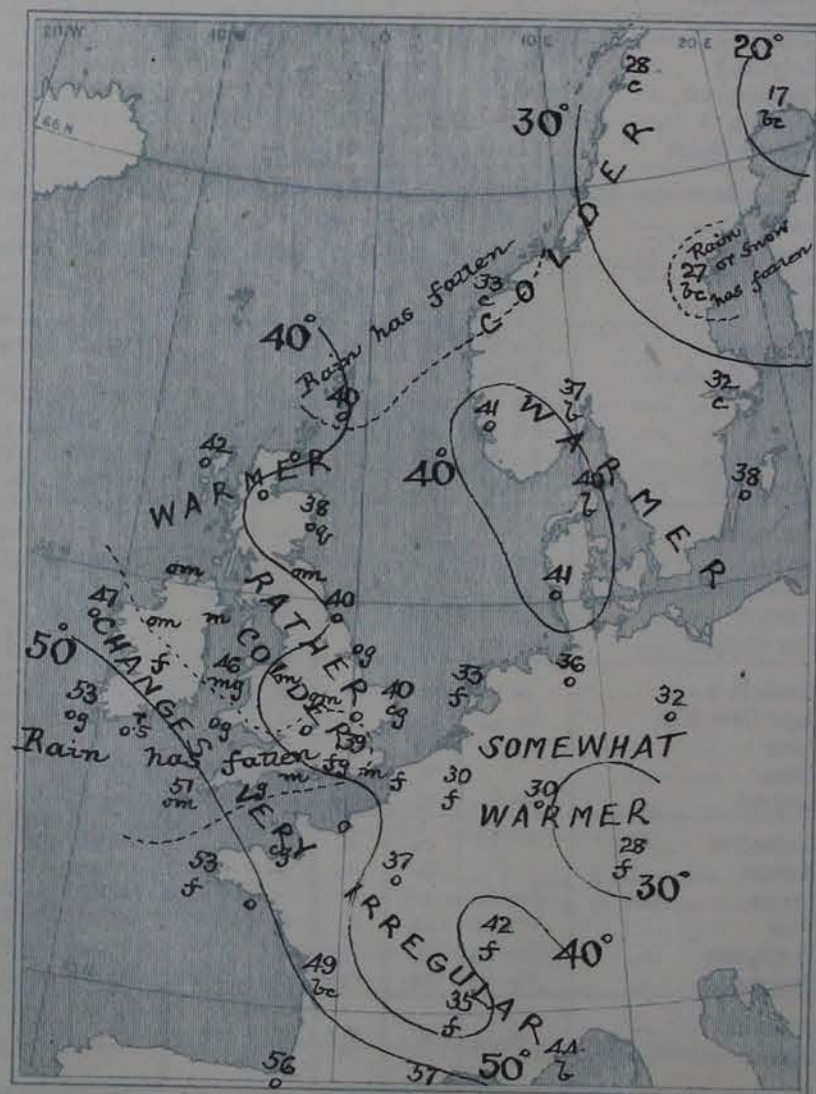
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL Inches.
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stormway	46.2	37.0	41.7	40.7	4.79
Wick	45.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.11
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Androssan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	11.2	45.1	43.1	4.48
Donaghadee	48.2	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.06
Parsonstown	49.1	37.1	41.9	40.2	2.33
Valencia	52.7	18.0	47.4	45.5	5.42
Roche's Point	54.1	12.0	46.1	44.5	4.62
Pembroke	50.1	13.8	46.0	45.1	4.04
Seilly	52.4	10.7	50.0	48.0	3.72
Prawle Point	51.1	11.9	46.2	44.7	3.20
Jersey	51.9	41.1	47.7	45.8	1.30
Hurst Castle	50.5	46.6	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.0	35.8	40.7	39.9	2.01
Yarmouth	47.5	30.0	43.1	42.0	3.09

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 in. and upwards, in a narrow band stretching across the southern parts of France and Germany.

Lowest, 29.7 in. and less, in Finland.

Gradients slight. Barometer rising over the Channel and the greater part of France, as well as in the north of Scandinavia but falling elsewhere.

TEMPERATURE

Highest, 57° at Perpignan, 56° at Biarritz, ^(54° at Lisbon) 53° at Valencia Island and Brest, and 52° at Jersey.

Lowest, 17° at Haparanda, 27° at Helsingfors, 28° at Rostock and Munich, 30° at ^(30° at Berlin) Wiesbaden, and 32° at Stockholm and Berlin.

The maxima registered yesterday were below 50° at all but our southwestern stations, and below 45° in many parts of our southeastern, eastern and northern districts.

WIND

Light from the W. or SW. over the south of England, the north of France, the Netherlands, and North Germany.

SE. in Ireland and the northwest of England, variable over the northern parts of Britain, NW. in Scandinavia and Denmark, as well as in the south of France.

WEATHER

Dull in most parts of Western Europe, with fog or mist in many places, and with rain at Rock of Bight.

Fair or fine at most of the Scandinavian stations.

Since yesterday morning rain has fallen over the southern parts of our Islands generally, the largest amount being 0.5 in. at Rock of Bight.

SEA

Light or smooth generally, but rather rough at Christianund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure has now undergone a complete change, and conditions are becoming favourable for the passage across our Islands of depressions from the westward. A decided increase of temperature is likely to take place over England shortly.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

Variable breezes, finally SW^{ly}; dull, some rain.

SW^{ly} winds, light; dull, misty, slight rain locally.

SW^{ly} and W^{ly} winds, light; dull and misty at first, with local rains, improving temporarily later. Becoming milder.

DISTRICTS.

FORECASTS.

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

SE^{ly} to S^{ly} winds, light; dull, misty, some rain.

W^{ly} to SW^{ly} winds, light or moderate, fair to dull and some rain.

S^{ly} and SE^{ly} winds, freshening; dull, some rain.

WARNINGS

NONE ISSUED.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.23	42	41	N	1	0	1	Valencia ...	30.14	55	52	S	2	og	2
Sumburgh Head	30.28	43	41	Z	0	0	2	Scilly ...	30.15	54	54	WSW	3	m	4
Stornoway ...	30.26	45	44	Z	0	c	2	Jersey ...	30.23	49	46	E	3	o	3
Aberdeen ...	30.29	42	39	SW	3	cm	3	Hurst Castle	30.27	46	45	ESE	4	m	3
Shields ...	30.31	45	42	SSE	3	o	3	Dungeness...	30.29	39	38	E	2	o	2
Ardrossan ...	30.30	41	39	NE	1	b	1	North Foreland...	30.27	41	39	E	3	c	4
Malin Head ...	30.20	45	43	SSE	3	o	1	London ...	30.30	45	42	ESE	2	c g m	*
Mullaghmore ...	30.19	48	45	ESE	2	om	2	Yarmouth ...	30.30	43	41	E	3	og	4
Belmullet ...	30.16	47	46	E	2	o	*	Rochefort ...	?	54	52	Z	0	o	*
Holyhead ...	30.24	47	45	Z	0	q	0								

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

Weather in morning cloudy, overcast, or misty at all but a few of the Scotch stations, the *Saint-Hippolyte*; very gloomy generally. Rainy at some of our western stations and at Christiania and Munch, snow falling at St. Petersburg and Moscow. Much fog in Austria and the northwest of Germany. Rain later over the southwestern and southern parts of the British Islands, but amount small except at Rochefort.

Temperature not much changed, beyond a rise on the southern side of the Mediterranean. Morning readings 23° at *Hippolyte*, 24° at Moscow, 25° at *Kharkov*, 26° at *Breslau* and *Buda-Pesth*, and considerably below the freezing point over Russia and Central Europe as a whole, higher in the west, and as high as 50° to 52° on our extreme southwest coasts, 53° to 57° on the western coasts of the Peninsula and 60° to 62° on the Algerian coast and at Malta. Rising later to between 50° and 57° on our southwest coasts and in the west of France, and to between 44° and 46° on the north and east coasts of Scotland.

Wind very light and anticyclonic over Central Europe and the south of Russia, light and variable over the Mediterranean, E^{ly} to SE^{ly} over France, England, and Ireland, S^{ly} in the east of Scotland, and W^{ly} to NW^{ly} over northern Europe. Becoming light and variable over the British Isles later.

Barometer highest 30.4 ins. and more to 30.3 ins. over the whole of southeastern and central Europe, the North Sea, and countries adjacent. Lowest 29.6 ins. and less over the White Sea and north of Finland; 30.1 ins. and less off the southwest coasts of the British Isles, 30.2 ins. and less, over Tunis, Malta, Sicily, and the south of Italy. Falling over northern Europe later, changing little and irregularly 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 8 p.m. in the British Islands (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 25th November, 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.
Ins.		°				Ins.	°	°	°							°	ins.			
SCANDINAVIA.	Haparanda ...	30.00	8	N	2	b	30.02	+32	3	2	-14	NW	2	b	#	b	23	?	-	
	Hernösand ...	30.11	21	NW	4	b	30.28	+50	11	11	-16	Z	0	b	#	b	34	?	-	
	Stockholm ...	29.93	24	NNW	4	b	30.24	+52	19	18	-13	NNW	4	b	#	b	39	19	-	
	Wisby ...	29.86	33	NNE	10	b	30.16	+43	29	28	-9	E	4	S	#	S	41	28	0.12	
	Bodö ...	30.11	23	NNE	3	b	30.16	+31	30	27	+2	NNW	2	c	1	b	?	18	-	
	Christiansund...	30.21	32	ENE	6	S	30.36	+35	31	30	-2	NW	4	S	5	S	34	30	0.16	
	Skudesnaes ...	30.10	33	NNE	4	b	30.37	+37	36	31	-5	SSE	4	b	2	c.b	41	30	-	
	Christiania Fjord (Færd)	30.09	32	N	3	b	30.38	+53	29	26	-8	NNE	4	b	1	b	37	28	-	
	Skagen (The Scaw)	30.11	33	ENE	3	b	30.32	+44	30	29	-10	NE	2	b	1	b	45	30	-	
	Fanö ...	29.98	40	W	2	0	30.29	+21	29	27	-12	ENE	4	b	#	0	43	?	-	
BRITISH ISLANDS.	Sumburgh Head	30.25	36	N	3	0	30.29	+14	39	35	-1	SE	2	0	3	c.o	42	34	0.02	
	Stornoway ...	30.18	42	Z	0	0	30.11	-04	40	40	-2	SE	5	bc	4	0	44	38	-	
	Wick ...	30.21	39	E	4	0	30.22	+07	40	39	-2	SE	5	0	2	0	42	38	0.04	
	Nairn ...	30.18	36	Z	0	c	30.18	+03	37	35	-1	SE	1	bc	1	c	40	32	0.02	
	Aberdeen ...	30.20	37	NW	2	bc	30.27	+10	39	36	+1	SE	3	c	4	og.bcp	42	37	0.04	
	Leith ...	30.22	38	SW	1	0	30.24	+05	38	36	0	ESE	1	c	#	0	41	36	-	
	Shields ...	30.16	39	NNW	2	0	30.22	+05	44	40	+4	E	3	op	3	0	44	37	-	
	Spurn Head ...	30.14	39	NW	3	og	30.19	+01	44	43	+6	ENE	3	og	3	gm	44	37	0.02	
	York ...	30.17	38	NNW	1	0	30.23	+04	40	39	+1	ENE	1	c	#	0	43	36	-	
	Loughborough	30.20	40	NE	2	0	30.22	+01	38	36	-1	ESE	1	cm	#	0	43	37	0.01	
GERMANY & HOLLAND.	Ardrossan ...	30.20	39	NE	1	of	30.18	+02	40	38	-1	NE	2	bm	1	of	41	31	-	
	Malin Head ...	30.09	46	SSE	3	om	29.99	-14	44	42	+2	SE	5	od	2	o.m	46	42	-	
	Mullaghmore ...	30.08	44	ENE	4	bc	29.98	-15	49	47	+3	ENE	5	ogm	3	bc.p	50	44	0.11	
	Belmullet ...	30.02	49	ESE	2	0	29.93	-19	50	50	+3	ESE	3	f	#	b.o	52	46	0.53	
	Donaghadee ...	30.17	47	S	3	m	30.14	-03	45	45	+1	SSE	6	0	4	m	48	43	-	
	Liverpool (Bidston)	30.17	43	SE	1	f	30.18	-01	40	37	0	ESE	3	0	3	f	44	39	0.02	
	Holyhead ...	30.15	49	Z	0	ogm	30.08	-08	44	44	-2	E	3	rgm	2	ogm	50	44	0.03	
	Parsonstown ...	30.07	48	Z	0	0	29.98	-18	51	50	+11	Z	0	og	#	c.o	51	38	-	
	Valencia ...	30.08	55	SSE	2	fm	29.95	-16	53	53	0	SSE	1	og	2	m.r	56	52	0.32	
	Roche's Point	30.10	52	SE	1	f	29.99	-21	52	52	+2	ESE	2	f	4	m.f	52	49	0.15	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.13	50	SSE	2	0	30.04	-14	52	52	+1	S	2	f	3	0	52	49	0.34	
	Scilly ...	30.14	53	SW	4	f	30.01	-19	53	53	+2	S	4	gm	4	m.f	54	51	0.08	
	Prawle Point ...	30.20	50	W	2	f	30.12	-12	52	52	+4	W	2	f	1	ogfm	52	47	0.12	
	Jersey (St. Aubin's)	30.23	53	NNW	3	ogpm	30.17	-10	53	51	+1	SW	4	og	3	ogpm	55	50	0.04	
	Hurst Castle ...	30.21	49	NNW	1	cm	30.16	-07	45	45	+3	E	3	fd	2	c.cm	50	42	0.01	
	Dungeness ...	30.15	43	NNW	2	m	30.19	-01	41	40	+1	N	2	m	1	m	46	40	-	
	North Foreland	30.16	43	NNW	2	0	30.14	-05	44	41	+3	ENE	2	bc	3	ogm	44	37	-	
	London ...	30.19	44	Z	0	ogm	30.22	-01	36	35	-3	SE	1	f	#	gm.f.d	45	35	0.02	
	Oxford ...	30.20	44	Z	0	0	30.21	-01	38	37	0	SW	1	og	#	og	46	38	-	
	Cambridge ...	30.21	39	Z	0	0	30.24	+01	34	33	-5	Z	0	c	#	o.b	43	32	-	
PENINSULA.	Yarmouth ...	30.14	40	NNW	2	c	30.18	-00	40	39	0	NW	2	cf	3	cm	41	36	-	
	Cuxhaven ...	30.10	36	W	3	c	30.21	+04	36	34	0	NE	4	b	#	c	39	35	-	
	Berlin ...	30.04	35	NNW	3	0	30.13	-03	35	32	+1	NNE	3	S	#	0	36	28	0.08	
	Wiesbaden ...	*	*	*	*	*	30.17	-13	37	36	+7	Z	0	0	#	*	37	30	-	
	Munich ...	30.21	34	SW	4	0	30.12	-17	38	38	+10	SW	5	r	#	0	37	28	0.12	
	The Helder ...	30.16	35	S	1	f	30.20	-05	42	41	+9	ENE	2	c	2	f	45	32	-	
	Brussels (9 a.m.)	*	*	*	*	*	?	?	39	39	+9	Z	0	f	#	r	41	30	0.28	
	Cape Gris Nez	30.17	45	W	2	m	30.18	-03	43	41	+8	E	1	0	1	m	46	34	-	
	Paris ...	30.23	46	S	2	0	30.22	-04	44	44	+7	SSW	1	0	#	0	46	37	0.12	
	Brest ...	?	55	SW	2	0	?	?	53	52	0	SW	2	0	2	0	55	48	0.87	
FRANCE AND BELGIUM.	Lorient ...	30.27	53	W	4	c	30.16	-12	54	54	+3	SSW	5	r	2	c	57	51	-	
	Rochefort ...	30.27	53	WSW	1	b	30.23	-06	51	51	+2	SSE	3	0	#	0.b	57	46	-	
	Belfort ...	?	42	W	3	0	?	?	?	42	?	W	?	?	#	0	42	40	-	
	Lyons ...	30.30	44	N	1	b	30.27	-07	44	43	+6	SE	1	0	#	b	47	38	-	
	Nice ...	30.17	50	E	1	b	30.07	-14	46	43	+2	E	2	bc	2	b	55	44	0.39	
	Perpignan ...	30.28	56	NW	4	b	30.24	-02	57	47	-6	NW	3	bc	#	b	61	?	-	
	Biarritz ...	30.32	55	NNW	1	b	30.24	-10	46	44	-10	ESE	2	b	1	b	59	43	-	
	Corunna ...	*	*	*	*	*	?	?	?	?	?	?	?	?	#	*	?	?	-	
	Lisbon ...	30.27	59	N	4	b	30.31	+01	55	53	+1	N	3	bc	#	b	64	54	-	

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Friday, 25th Nov. 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.

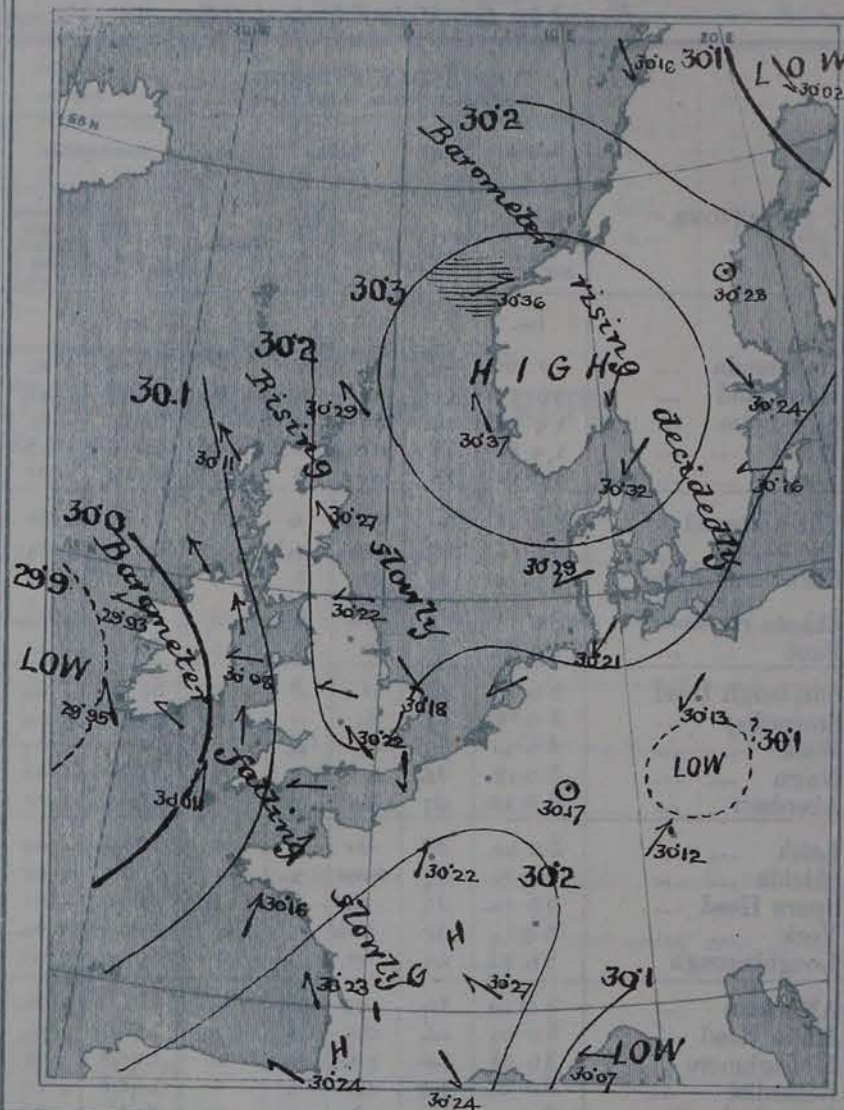
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November
During the 20 Years, 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Samburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.840
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.861
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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 November.)

STATIONS.	TEMPERATURE.				RAINFALL Inches.
	Daily Max.	Daily Min.	RE. 8 A.M.	Wet.	
Samburgh Head	45.6	37.8	42.0	40.3	1.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.20
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.4	43.1	4.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	41.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.4	44.5	4.62
Pembroke	50.1	43.8	46.0	45.1	3.04
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	44.9	48.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	1.30
Hurst Castle	50.5	40.6	44.9	44.0	3.04
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.0	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.06

NOTE.—The Temperature means are for the 20 years 1871-80, 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 an anticyclone lying over the southern part of Scandinavia, the north of Denmark, and the adjacent parts of the North Sea, as well as in another system lying over the south of Portugal.
 Lowest, 29.2 in: and less, in a depression lying off the west of Ireland; 30.1 in: and less, in shallow systems lying respectively over Germany and the Gulf of Genoa.
 Gradients slight and irregular. Barometer rising in Scandinavia, Denmark, and the eastern parts of Great Britain, but falling elsewhere.

TEMPERATURE

Highest, 55° at Lisbon, 54° at Gorient, 53° at Valencia Island, Lillo, Jersey, and Brest, and 52° at Rockport, Pembroke, and Tralee Point.
 Lowest, 3° at Itaparamba, 11° at Helsingfors, 19° at Stockholm, 29° at Faerø, Nisby, and Faro, and 30° at Bordeaux and Odessa.
 The maxima registered yesterday were below 45° at most of our northern and eastern stations, but above 50° on many parts of our western coasts.

WIND

SE² or E² in Ireland, Scotland, and the north of England, and fresh or strong in force on our extreme north and northwest coasts.
 Variable in the southeast of England; light or moderate from the S.W. in the southwest of England, and from the SE² in the west of France.
 W¹ or NW¹ at most of the Scandinavian stations; NE¹ in Denmark and North Germany; SW¹ at Munich.

WEATHER

Bell over the greater part of England, Ireland, France, and Germany, with mist or fog in many places, and with local rains. Snow is falling at Berlin.
 Fine at many of the Scotch and Scandinavian stations, but snow reported at Christiansund and Nisby.
 Rain fell yesterday in several parts of our western and southern districts, and also at a few of our northern and eastern stations.

SEA

Slight or smooth generally, but rather rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the west of Ireland appears to be spreading eastwards, and will probably occasion rainy weather in many parts of the kingdom. Increasing winds from the SE² are likely on our northern coasts.

FORECASTS

For the 24 hours ending at NOON on 26TH NOVEMBER 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | } SE ² winds, increasing in force; fair to dull and some rain. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | E ² winds, freshening; unsettled, rain at times. |
| 3 | ENGLAND EAST | } Light breezes, chiefly E ² ; dull, some rain, mist or fog locally. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|---|
| 6 | SCOTLAND WEST | } Same as Nos 0 to 2. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | S ² winds, moderate or fresh; dull, some rain, fog locally. |
| 9 | IRELAND NORTH | } S ² and SE ² winds, increasing in force; dull, rain at times. |
| 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 ...	30.02	39	35	N.W.	6	c	2	Valencia ...	30.06	55	55	S.S.E.	2	m	2
Sumburgh Head	30.21	39	36	N.E.	3	c	3	Scilly ...	30.18	54	53	S.S.W.	4	m	2
Stornoway ...	30.18	44	42	Z	0	o	2	Jersey ...	30.25	54	52	W	3	c	3
Aberdeen ...	30.16	41	39	N.W.	2	og	2	Hurst Castle	30.24	50	49	W	1	c	1
Shields ...	30.16	40	38	N.W.	3	o	2	Dungeness...	30.15	46	45	W	2	m	1
Ardrossan ...	30.17	39	38	N.E.	1	o	1	North Foreland...	30.15	42	42	W	1	o	2
Malin Head ...	30.12	46	44	S.E.	1	o	0	London ...	30.18	44	43	Z	0	ogf	*
Mullaghmore	30.11	49	48	N.E.	2	bc	2	Yarmouth ...	30.14	41	39	N.W.	2	cm	3
Belmullet ...	30.07	52	50	E	1	b	*	Rochefort ...	30.28	56	53	N.W.	1	o	*
Holyhead ...	30.15	49	49	S.W.	1	ogm	1								

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

Weather in morning fine and bright in Sweden and the north of Denmark and over the greater part of northern Europe, as well as in the south of Russia, cloudy or overcast elsewhere, and very dull and foggy in many parts of the British Islands and Central Europe, raining in the southeast of Ireland. Rain later at many of our own stations, and in a few places over Scandinavia and Germany, but amounts small except in the west of Ireland and at Limerick. Fog prevailing in many places during the day.

Temperature changing irregularly. Morning readings 61° at Malta and Algiers, exceeding 50° on the southern side of the Mediterranean, in the west and north of the Iberian Peninsula and in the extreme south-west of the British Isles; much lower elsewhere. Below 40° at some stations in Great Britain as well as over the inland parts of Italy, and lowest of all 16° at Weaburg, 21° at Kuspio, 22° at Moscow, 23° at Archangel, Kharkov, and Kiev; and 30° at Lemberg; (2) 19° at Hague and Vienna, 22° at Breslau, 23° at Münster. Rising later to 50° and more in the west and southwest of our Islands, and to between 57° and 59° in the west of France, but not touching 45° in Scotland and the north of Ireland.

Wind extremely variable over western, southern, and central Europe, but chiefly light from the N.W. over Lapland and Finland, moderate to strong from N.W. over Scandinavia, W. over north Germany, Poland and Hungary. Shifting to N.E. in the northwest of Norway later.

Barometer highest 30.4 ins. at Madrid, and between that value and 30.2 ins. in a large area covering Spain, the Bay of Biscay, France, central and southeastern Europe and the greater part of the Mediterranean. Lowest 29.3 ins. over the White Sea, and rather below 30.1 ins. over Greece and also off the extreme west of Ireland. Rising over northern Europe later, falling slightly at the Irish stations.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 26th November, 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.	
		Ina.	°				Ina.	°	°	°							°	Ina.			
SCANDINAVIA.	Haparanda ...	30.19	3	Z	0	b	30.11	+0.9	11	11	+8	Z	0	bc	#	b	12	0	-		
	Hernösand ...	30.33	17	Z	0	b	30.26	+0.2	29	28	+18	Z	0	o	#	b	29	7	-		
	Stockholm ...	30.43	19	W	2	b	30.43	+1.9	22	20	+3	W	2	b	#	b	28	18	-		
	Wisby ...	30.43	29	N	6	bc	30.48	+3.2	32	29	+3	NNW	6	b	#	bc	32	23	0.12		
	Bodö ...	30.10	31	E	2	S	29.95	-2.1	31	28	+1	E	2	S	1	S	31	25	-		
	Christiansund...	30.32	34	SW	3	bc	30.13	-2.3	35	31	+4	ESE	6	bc	#	bc	34	?	-		
	Skudesnaes ...	30.46	35	SSE	6	b	30.23	-1.4	37	33	+1	SE	8	o	5	b	37	36	-		
	Christiania Fjord (Farder)	30.39	30	NW	2	b	30.41	+0.3	29	29	0	Z	0	c	1	b	30	28	-		
	Skagen (The Seaw)	30.52	29	SSE	1	b	30.45	+1.3	28	26	-2	S	1	b	0	b	30	21	-		
	Fanö ...	30.50	27	ESE	2	b	30.44	+1.5	27	26	-2	SE	3	b	#	b	36	25	-		
ISLANDS.	Sumburgh Head	30.14	40	SSE	4	T	29.78	-5.1	45	44	+6	SSW	3	T	6	c, r	45	39	0.17		
	Stornoway ...	29.99	43	S	5	c	29.75	-3.6	44	44	+4	SW	2	T	4	c	46	39	0.35		
	Wick ...	30.08	41	SE	4	bc	29.80	-4.2	43	42	+3	SW	2	bc	4	bc	44	37	0.13		
	Nairn ...	30.05	40	SW	2	b	29.81	-3.7	43	42	+6	SW	1	c	1	b	44	35	0.08		
	Aberdeen ...	30.17	41	SSE	5	cq	29.89	-3.8	42	41	+3	SSW	3	c	5	q, p, c	44	37	0.14		
	Leith ...	30.18	37	ESE	1	o	29.89	-3.5	46	44	+8	SW	2	o	#	o	46	34	0.20		
	Shields ...	30.21	44	SSE	3	o	29.97	-2.5	43	43	-1	SSE	4	op	3	c, o	45	40	0.16		
	Spurn Head ...	30.21	45	S	4	c, v	30.12	-0.7	43	42	-1	SSE	5	og	4	c, v	45	42	-		
	York ...	30.23	42	SSE	1	o	30.07	-1.6	43	43	+3	S	2	m	#	o	44	39	0.04		
	Loughborough	30.22	42	ESE	2	o	30.15	-0.7	43	42	+5	SE	3	ogm	#	o	44	36	-		
BRITISH.	Ardrossan ...	30.11	42	E	1	Tm	29.86	-3.2	47	45	+7	SSW	4	T	3	b, Tm	47	31	0.50		
	Malin Head ...	29.95	44	SSE	5	of	29.87	-1.2	45	44	+1	NW	4	bp	2	of	48	41	0.75		
	Mullaghmore ...	29.99	51	S	2	ogt	29.97	-0.1	49	46	0	NW	5	c, q, p	4	ogt	52	46	0.36		
	Belmullet ...	30.03	50	SSW	3	om	30.05	+1.2	49	46	-1	NNW	2	b	#	odm	51	46	0.30		
	Donaghadee ...	30.09	46	S	6	T	29.92	-2.2	46	46	+1	SSW	4	o	3	T	47	44	0.38		
	Liverpool (Bidston)	30.15	41	SE	4	o	30.05	-1.3	45	44	+5	SE	3	o	3	o	45	40	0.08		
	Holyhead ...	30.09	46	Z	0	ogm	30.03	-0.5	49	48	+5	SW	3	og	2	ogm	50	44	0.30		
	Parsonstown ...	30.03	52	Z	0	T	30.06	+0.8	46	45	-5	NW	1	T	#	o, T	54	45	0.20		
	Valencia ...	30.14	53	NNW	6	ogm	30.16	+2.1	52	52	-1	WSW	3	rgm	4	ogm	53	49	0.69		
	Roche's Point	30.06	51	NW	3	T	30.11	+1.2	52	52	0	W	3	o	4	T, p	52	46	0.45		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.06	46	ESE	4	o	30.12	+0.8	50	49	-2	WSW	3	cq	3	o	52	45	0.06		
	Scilly ...	29.97	52	NW	2	f	30.20	+1.9	51	50	-2	NNW	4	c	3	m, f	54	49	0.12		
	Prawle Point ...	30.02	52	SE	3	o	30.19	+0.7	51	51	-1	WSW	1	og	2	f, m	52	51	0.08		
	Jersey (St. Aubin's)	30.09	53	SE	4	Tm	30.19	+0.2	52	51	-1	E	3	og	3	v, o, Tm	54	51	0.10		
	Hurst Castle ...	30.14	50	ESE	4	m	30.17	+0.1	51	50	+6	SSW	3	cd	2	f, m	51	44	0.03		
	Dungeness ...	30.20	47	SE	3	o	30.20	+0.1	46	44	+5	SSE	5	o	3	c, o	48	40	-		
	North Foreland	30.21	48	ESE	2	c	30.19	+0.5	41	41	-3	SSE	2	o	4	bc	48	38	-		
	London ...	30.21	44	ESE	1	o	30.21	-0.1	42	41	+6	ESE	1	ogm	#	gf, o	46	36	-		
	Oxford ...	30.20	42	SE	1	o	30.17	-0.4	43	43	+5	SE	1	o	#	o, T	44	38	0.09		
	Cambridge ...	30.23	42	Z	0	o	30.20	-0.4	42	40	+8	NNE	1	o	#	o	44	32	-		
FRANCE AND BELGIUM.	Yarmouth ...	30.21	45	ESE	6	cq	30.21	+0.3	43	42	+3	SSE	5	c	4	cd, cq	46	38	0.03		
	Cuxhaven ...	30.41	28	E	3	b	30.44	+2.3	25	24	-11	S	2	b	#	b	?	23	-		
	Berlin ...	30.41	29	N	3	b	30.57	+4.4	20	20	-13	SE	2	f	#	b	36	18	-		
	Wiesbaden ...	#	#	#	#	#	30.40	+2.3	29	27	-8	NE	4	b	#	#	41	28	-		
	Munich ...	30.26	32	SE	3	S	30.38	+2.6	23	22	-15	NE	6	b	#	S	41	23	0.35		
	The Helder ...	30.41	35	ESE	5	T	30.36	+1.6	31	31	-11	SE	1	b	1	b	43	32	-		
	Brussels (9 a.m.)	#	#	#	#	#	30.32	?	31	30	-8	SE	2	c	#	bc	44	30	-		
	Cape Gris Nez	30.19	44	Z	0	o	30.19	+0.1	38	36	-5	SE	3	c	2	o	46	36	-		
	Paris ...	30.24	47	S	2	o	30.26	+0.4	43	42	-1	SE	2	o	#	o	50	43	0.04		
	Brest ...	?	54	SW	2	m	?	?	53	53	0	N	3	o	4	m	54	45	0.04		
PENIN- SULA.	Lorient ...	30.03	55	SW	5	o	30.15	-0.1	51	51	-3	NNE	2	o	4	o	55	50	0.08		
	Rochefort ...	30.18	52	S	3	T	30.12	-1.1	51	50	0	S	3	o	#	o, T	55	48	0.16		
	Belfort ...	?	41	N	2	o	?	?	41	41	?	W	2	o	#	o	42	38	0.08		
	Lyons ...	30.23	44	N	1	b	30.24	-0.3	40	39	-4	N	1	bw	#	b	69	40	-		
	Nice ...	30.01	49	E	1	b	30.08	+0.1	48	40	+2	E	3	b	2	b	59	43	-		
	Perpignan ...	30.17	54	NW	4	c	30.15	-0.9	53	48	+2	NNW	2	o	#	c	61	48	-		
	Biarritz ...	30.24	55	WSW	2	c	30.19	-0.5	55	52	+9	W	6	T	5	c	73	46	0.39		
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
	Lisbon ...	30.29	57	N	5	b	30.36	+0.5	55	51	0	N	5	bc	#	b	64	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, 26. Nov. 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

BAROMETER—Isobars are drawn for each 1/10th 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

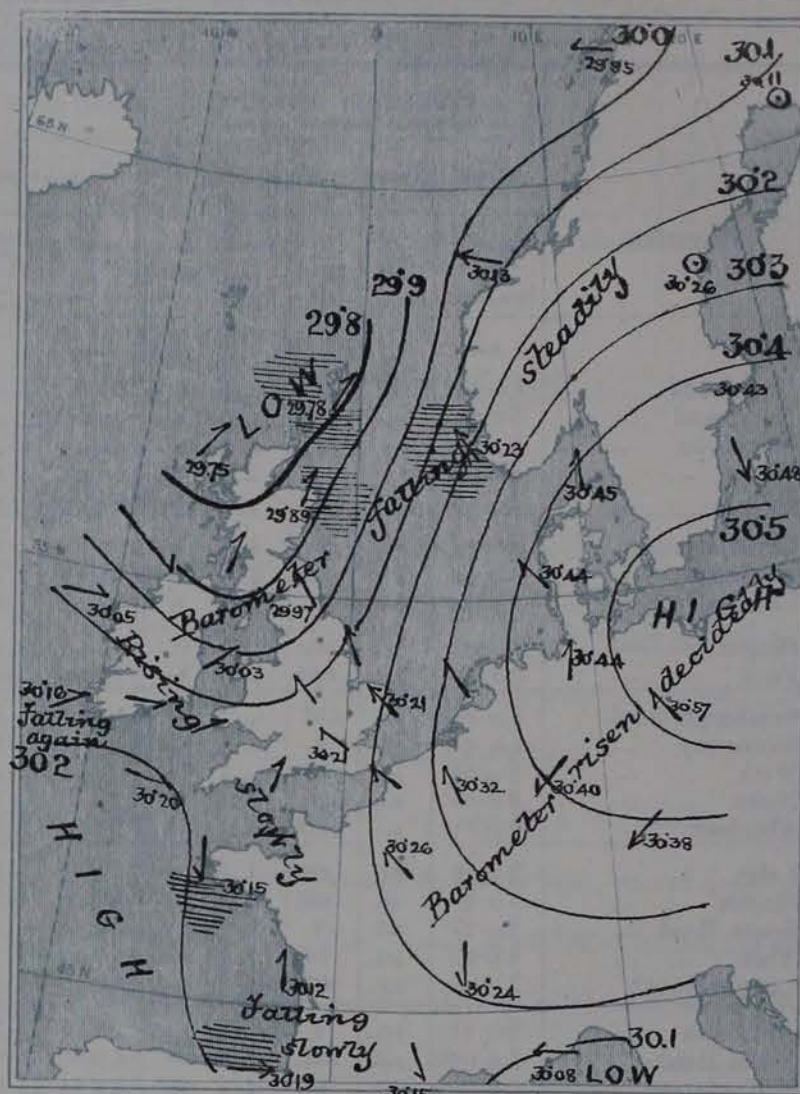
at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.742
Nairn	29.738
Aberdeen	29.738
Leith	29.789
Shields	29.813
Spurn Head	29.812
York	29.816
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.861
Selly	29.897
Prawle Point	29.911
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

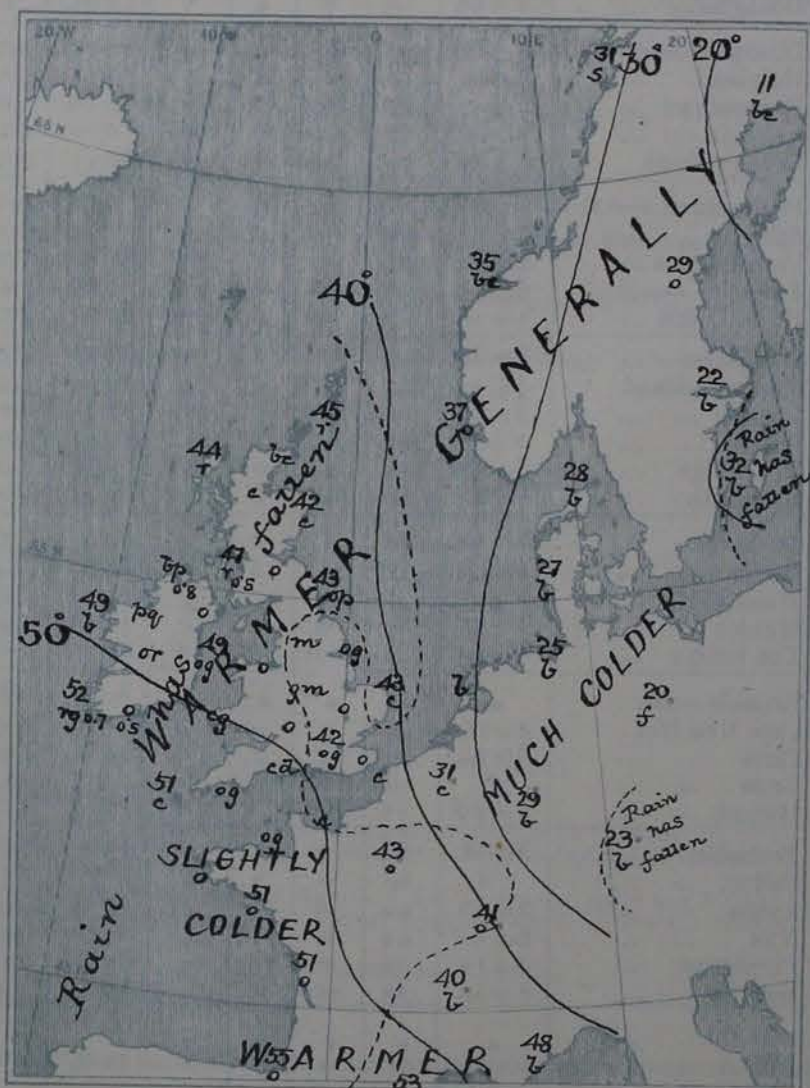
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL Inches.
	Daily Max.	Daily Min.	Dry, at 8 a.m.	Wet, at 8 a.m.	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stornoway	45.2	37.0	41.7	40.7	1.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.5	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee	48.3	39.2	43.2	42.0	3.29
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.06
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.2	43.8	46.9	45.1	4.04
Selly	52.4	49.7	50.0	48.0	3.72
Prawle Point	51.1	43.9	46.2	44.7	3.40
Jersey	51.0	44.1	47.7	45.8	3.50
Hurst Castle	50.5	46.6	44.9	44.0	3.01
Dover	49.3	40.0	41.3	42.8	3.48
LONDON	49.3	48.0	42.2	40.8	2.31
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.9	2.09
Yarmouth	47.5	39.0	43.1	42.0	3.06

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 Germany and the southern part of the Baltic; 30.3 ins: and upwards, in another system lying over Portugal.

Lowest, 29.8 ins: and less, in a Y-shaped depression the centre of which lay off the north of Scotland.

Gradients rather steep over the northern parts of the North Sea, but moderate or slight elsewhere.

Barometer rising in Germany, the south of Sweden, and the eastern and central parts of France, as well as in the north of Ireland, but falling elsewhere - most in the north of Scotland.

TEMPERATURE

Highest, 55° at Biarritz and Lissow, 53° at Brest and Perpignan, and 52° at Valenceia Island, Rocher Point and Jersey.

Lowest, 11° at Haparanda, 10° at Berlin, 11° at Stockholm, 13° at Munich, 25° at Cuthaven, and 17° at Sanio.

The maxima registered yesterday were above 50° on our western and southern coasts, but below 45° at several of our northern and eastern stations.

WIND

Light or moderate from the W² in Ireland and the southwest of England, and from the SW² in Scotland.

SE⁴ over the eastern and central parts of England, the Netherlands, and the eastern shores of the North Sea, with a gale at Skudernæs.

E³ or NE³ in Germany; calm in the north of Sweden.

WEATHER

Dull over the greater part of our Islands and France, with rain in the Shetlands and Hebrides, as well as at Valenceia Island and Biarritz, and with passing showers in the north of Ireland.

Fine and bright over the greater part of Scandinavia, Denmark, and Germany, but snow reported at Bodo and fog at Berlin.

Rain fell yesterday at all but our southerly stations, the largest amounts being 0.8 in at Malin^W and 0.7 in at Valenceia Id^W.

SEA

Rough at Lumburgh H^W and rather rough at Skudernæs and Aberdeen, as well as in the Bay of Biscay, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is passing away from our Islands, but a fresh fall of the barometer has set in at Valenceia Island, so that further disturbances are probably advancing towards our western coasts.

FORECASTS

For the 24 hours ending at NOON on 27th November, 1892.

DISTRICTS.

FORECASTS.

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

SW² winds, light, to S², fresh; unsettled, rain at times.

SE² winds, fresh or strong; dull, misty, slight rain locally.

Varying S² breezes; dull, misty, slight rain locally.

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.

W² to SW² winds, moderate or fresh; cloudy, some rain.

W² to S² winds, freshening; dull, rain at times.

WARNINGS

The SOUTH CONE was hoisted yesterday in district 1 and part of 0, but the signals have been lowered this morning.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Diror.	F.	WEA.	SEA.		BAR.	THER.		WIND Diror.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.47	37	33	SSE	4	b	2	Valencia ...	30.06	52	52	NW	5	o q m	4
Sumburgh Head ...	30.22	40	36	SSE	9	c	4	Scilly ...	29.93	54	54	S	3	tm	4
Stornoway ...	30.00	45	43	S	4	bc	4	Jersey ...	30.12	53	52	SE	3	o	3
Aberdeen ...	30.22	42	37	SSE	8	c	4	Hurst Castle ...	30.14	48	48	E	4	f	3
Shields ...	30.21	44	40	SE	3	c	3	Dungeness ...	30.19	47	45	S	2	c	2
Ardrossan ...	30.14	44	41	ESE	8	bm	1	North Foreland ...	30.15	47	43	ESE	2	b	3
Malin Head ...	29.99	44	43	SSE	5	o	2	London ...	30.20	45	42	E	1	of q	*
Mullaghmore ...	29.98	48	47	E	5	ogt	4	Yarmouth ...	30.19	45	44	ESE	5	cd	4
Belmullet ...	29.96	51	50	SW	2	oa	*	Rocheport ...	30.21	57	54	SSE	3	o	*
Holyhead ...	30.08	46	46	ESE	2	mg	2								

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

Weather in morning fine and bright over Algeria, Spain, and southeastern Europe, also in many parts of Finland, Sweden, and Scotland, cloudy and gloomy elsewhere, foggy or misty in many parts of our Islands and at Münster, with rain at some of our western stations and at Lorient, snow at Christiansund, Riga, Lönneunde, and Vienna. Rain later over nearly the whole of our Islands and many parts of France, and amounts considerable at many Irish stations.

Temperature fallen decidedly in the far north, changed irregularly elsewhere. Morning readings still exceeding 50° on the southern side of the Mediterranean, on the Spanish coast, and the extreme west and southwest coasts of the British Isles; below 40° at several of the British stations, and lowest of all 3° F. at Napavanda, 6° at Kuopio, 11° at Helsingfors, 15° at Archangel and St. Petersburg, 21° at Moscow and Hermanstadt, 30° at Kiel, Lönneunde, and Prague. Rising to 50° or more at our west and south coast stations later, and to 69° at Lyons and 73° at Biarritz.

Wind (1) S¹ over the Bay of Biscay, the west and north of France and English Channel, SE¹ over Ireland and Scotland, variable over England and the Netherlands; (2) W¹ to NW¹ over northern Europe, N¹ to NE¹ over the Baltic, and north Germany, SW¹ at Lemberg and over the southern half of Russia. Shifting to the NW¹ on our southwestern coasts later, but becoming SE¹ over England, S¹ in Scotland, and increasing in force in the latter region.

Barometer highest 30.3 ins. and more to 30.2 ins. (1) over the Peninsula and southwest of France and (2) over the North Sea and southern half of Scandinavia. Lowest, (1) 29.5 ins. and less over the northern half of Russia, (2) 30.0 ins. and less over Ireland, and (3) below 30 ins. over Corsica, the Gulf of Genoa and the Riviera. Rising in the west and southwest of our Islands later, as well as over the southern parts of Scandinavia and the Baltic, but falling in Scotland and the northwest of Norway.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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 27th November, 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).	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.
	Ina.	°					Ina.	°	°	°							°	Ina.			
SCANDINAVIA.																					
Häparesanda ...	30.01	23	Z	0	S		29.93	- .18	30	30	+ 19	SW	2	6	#	S	?	3	-		
Hernösand ...	30.12	23	S	2	C		30.09	- .17	15	11	- 14	Z	0	6	#	C	29	12	-		
Stockholm ...	30.41	22	W	2	C		30.33	- .10	27	25	+ 3	SW	2	0	#	C	32	16	-		
Wisby ...	30.45	30	W	4	C		30.45	- .03	35	32	+ 3	WSW	6	0	#	C	35	25	-		
Bodö ...	29.87	39	SW	7	0		29.76	- .19	35	33	+ 4	E	4	0	2	0	41	27	0.35		
Christiansund...	30.00	37	SW	5	0		29.87	- .26	45	40	+ 10	SW	3	0	4	0	45	35	-		
Skudesnaes ...	30.13	41	SE	8	0		30.11	- .12	47	46	+ 10	SSW	4	0	5	0	47	37	-		
Christiania Fjord (Færder)	30.30	35	W	4	C		30.29	- .12	37	35	+ 8	SW	4	0	4	C	?	29	-		
Skagen (The Seaw)	30.34	32	SSW	5	0		30.35	- .10	29	29	+ 1	WSW	4	m	2	0	36	28	-		
Fanö ...	30.28	26	SSE	6	C		30.32	- .12	26	26	- 1	SE	1	0	#	C	30	25	-		
Sumburgh Head	29.83	46	WSW	1	C		29.89	+ .09	46	46	+ 1	SSW	4	0	5	C	47	43	0.06		
Stornoway ...	29.93	45	W	3	0		29.91	+ .16	50	50	+ 6	SW	6	r	5	0	50	41	0.24		
Wick ...	29.91	41	SW	2	C		29.94	+ .14	48	47	+ 5	SW	2	0	3	C	48	40	0.05		
Nairn ...	29.95	44	SW	1	C		29.97	+ .16	50	49	+ 7	SSW	3	C	2	C	51	39	0.02		
Aberdeen ...	29.99	40	WNW	3	C		30.09	+ .20	42	41	0	SW	3	CW	4	C	44	35	-		
Leith ...	30.02	43	SW	1	C		30.16	+ .27	48	46	+ 2	WSW	3	C	#	C	48	40	0.20		
Shields ...	29.99	45	W	2	r		30.26	+ .29	39	38	- 4	SW	3	C	2	r	47	36	0.02		
Spurn Head ...	30.00	44	WSW	3	C		30.30	+ .18	42	41	- 1	W	3	C	3	C	44	41	0.12		
York ...	30.00	45	W	2	0		30.30	+ .23	38	37	- 5	WNW	1	C	#	0	47	36	0.14		
Loughborough	30.08	44	W	2	C		30.37	+ .22	37	36	- 6	Z	0	temur	#	C	48	37	0.22		
Ardrossan ...	30.08	48	W	2	C		30.21	+ .35	48	48	+ 1	WSW	4	0	3	C	48	32	0.05		
Malin Head ...	30.11	48	NW	4	C		30.17	+ .30	49	49	+ 4	SW	4	od	2	p.c	50	45	0.05		
Mullaghmore ...	30.19	48	WNW	4	C		30.25	+ .28	50	49	+ 1	? W	5	0	4	u.d.m	50	45	0.03		
Belmullet ...	30.22	47	WNW	2	C		30.25	+ .20	51	50	+ 2	W	3	0	#	C	51	45	0.04		
Donaghadee ...	30.12	47	NW	3	C		30.28	+ .36	46	45	0	W	3	C	1	C	50	45	0.01		
BRITISH ISLANDS.																					
Liverpool (Bidston)	30.12	47	W	5	r		30.36	+ .31	45	43	0	WSW	2	C	2	r	48	44	0.34		
Holyhead ...	30.17	49	NW	4	C		30.35	+ .32	49	48	0	SW	3	og	2	C	50	46	0.31		
Parsonstown ...	30.25	41	Z	0	C		30.35	+ .29	49	48	+ 3	NW	1	ov	#	C	50	38	-		
Valencia ...	30.23	49	Z	0	C		30.44	+ .28	51	51	- 1	WSW	2	ogm	2	C	53	46	0.06		
Roche's Point	30.29	48	NW	2	C		30.42	+ .31	50	49	- 2	W	2	om	3	p.b	52	44	0.06		
Pembroke (St. Ann's Hd.)	30.23	49	NNW	2	C		30.40	+ .28	50	49	0	WNW	3	Cg	3	C	52	47	0.16		
Scilly ...	30.23	50	N	4	C		30.44	+ .24	53	52	+ 2	NNW	4	op	3	C	54	46	0.03		
Prawle Point ...	30.20	45	WNW	2	C		30.44	+ .25	42	42	- 9	NNE	2	C	1	C	52	40	0.05		
Jersey (St. Aubin's)	30.20	54	W	3	ogm		30.41	+ .22	50	45	- 2	NW	3	C	3	ogm	54	48	0.07		
Hurst Castle ...	30.15	48	WNW	3	C		30.40	+ .23	42	41	- 9	NNW	2	C	1	r, b	53	41	0.15		
Dungeness ...	30.08	51	SW	4	r		30.32	+ .12	44	43	- 2	N	4	C	3	r	52	39	0.46		
North Foreland	30.07	50	S	2	rg		30.32	+ .13	45	44	+ 4	NNW	2	0	3	rg	50	39	0.35		
London ...	30.11	48	WNW	1	C		30.38	+ .13	42	41	- 1	NW	1	of	#	rg	51	40	0.29		
Oxford ...	30.17	41	NW	2	C		30.39	+ .22	40	39	- 3	NW	2	C	#	r, b	50	39	0.28		
Cambridge ...	30.10	44	NE	1	C		30.37	+ .17	43	43	+ 1	N	1	0	#	C	48	40	0.30		
Yarmouth ...	30.04	46	WSW	4	r		30.28	+ .07	41	40	- 2	WNW	2	f	3	r	46	38	0.27		
GERMANY & HOLLAND.																					
Cuxhaven ...	30.37	27	S	3	C		30.33	- .11	23	22	- 2	S	2	C	#	C	28	22	-		
Berlin ...	30.52	22	SE	3	C		30.47	- .10	14	12	- 6	SE	1	C	#	C	28	12	-		
Wiesbaden ...	*	*	*	*	*		30.37	- .03	32	31	+ 3	E	1	0	#	#	?	28	-		
Munich ...	30.35	21	E	4	C		30.36	- .02	27	27	+ 4	NE	4	C	#	C	28	19	-		
The Helder ...	30.17	34	SSE	3	r		30.28	- .08	30	36	+ 5	SE	1	f		r	36	31	0.04		
FRANCE AND BELGIUM.																					
Brussels (s.a.m.)	*	*	*	*	*		30.29	- .03	40	40	+ 9	Z	0	f	#	r	42	31	0.28		
Cape Gris Nez	30.10	45	S	4	r		30.23	+ .04	46	45	+ 8	N	3	C	4	r	46	37	0.55		
Paris ...	30.25	44	SE	2	0		30.25	- .01	43	42	0	NNW	3	C	#	0	44	41	0.32		
Brest ...	?	53	NW	3	f		?	?	51	49	- 2	N	4	C	3	f	54	46	-		
Lorient ...	30.29	53	NW	5	C		30.39	+ .24	48	45	- 3	NNW	4	C	4	C	59	46	-		
Rocheport ...	30.24	51	E	2	0		30.30	+ .18	47	46	- 4	NNE	5	C	#	0	54	45	-		
Belfort ...	?	36	NE	3	C		?	?	37	36	- 4	NE	3	C	#	C	43	32	-		
Lyons ...	30.35	40	NNE	1	C		30.28	+ .04	35	35	- 5	E	1	0	#	C	47	30	-		
Nice ...	30.28	45	E	2	C		30.27	+ .19	44	41	- 4	SW	1	0	4	C	57	43	-		
Perpignan ...	30.27	50	Z	0	0		30.31	+ .16	45	45	- 8	W	2	0	#	0	60	44	-		
Biarritz ...	30.26	56	NW	3	r		30.31	+ .12	55	54	0	NNW	3	p	4	r	59	52	0.28		
PENINSULA.																					
Corunna ...	*	*	*	*	*		30.52	+ .12	57	56	- 1	NW	4	r	3	#	?	59	52	0.20	
Lisbon ...	30.36	55	NNE	5	C		30.45	+ .09	51	47	- 4	NNE	2	C	#	C	62	48	-		

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Sunday, 27th Nov. 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.

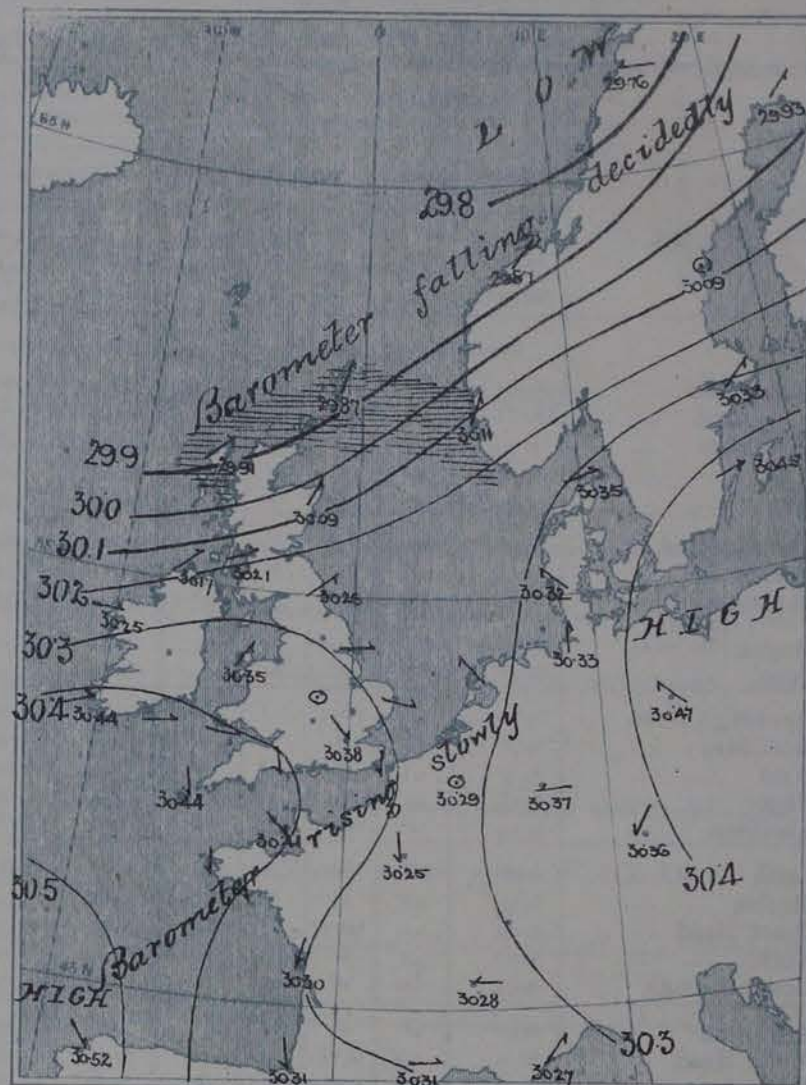
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
	INS.
Sumburgh Head	29.083
Stornoway	29.099
Wick	29.722
Nairn	29.738
Aberdeen	29.768
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaglmoro	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roches Point	29.865
Pembroke	29.864
Seilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.833
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

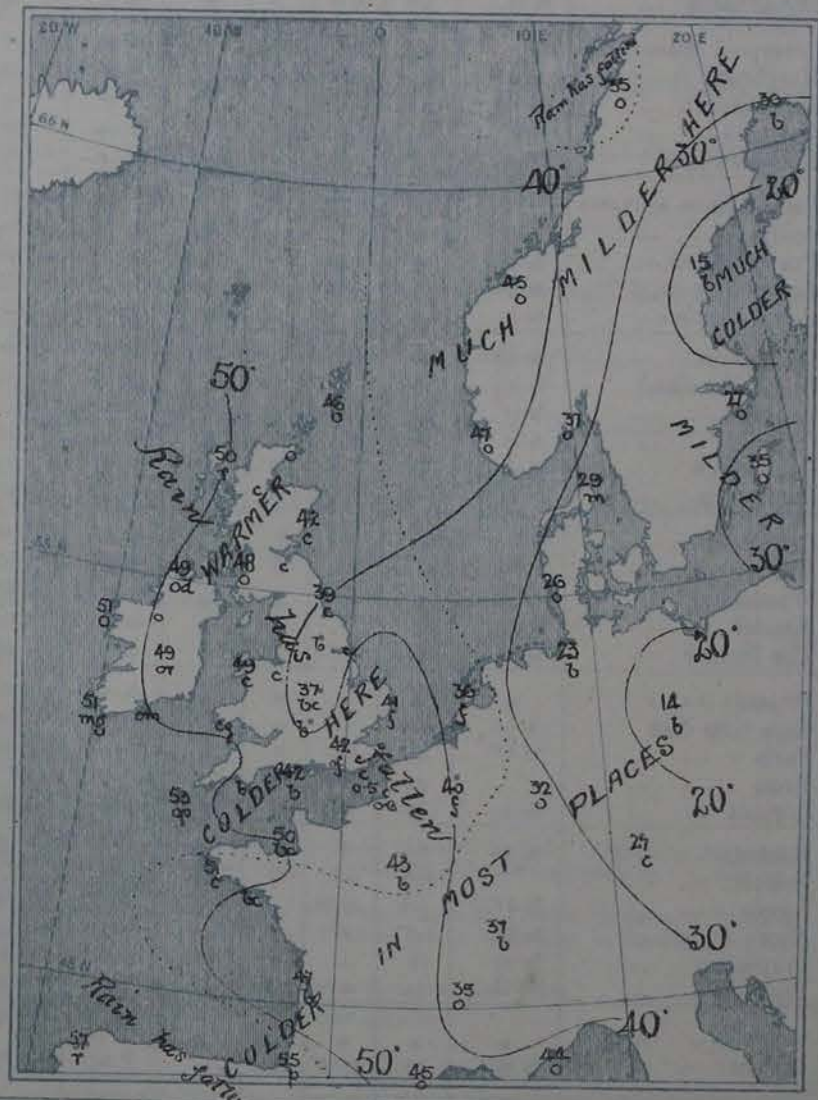
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.29
Aberdeen.....	46.2	36.5	40.5	38.7	3.11
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.3	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	36.4	40.6	39.3	2.19
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardrossan.....	47.8	39.1	43.1	41.3	3.58
Mullaglmoro.....	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.0	45.8	41.0	3.88
Liverpool.....	47.8	39.6	42.5	40.7	2.96
Parsonstown.....	49.1	37.1	41.9	40.2	2.83
Valencia.....	52.3	43.0	47.4	45.5	5.42
Roches Point.....	51.1	42.0	46.1	44.5	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.04
Seilly.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.20
Jersey.....	51.0	44.1	47.7	45.8	5.30
Hurst Castle.....	50.3	40.6	44.9	44.0	3.04
Dover.....	49.8	40.6	44.3	42.8	3.48
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.6	41.2	40.0	2.31
Cambridge.....	48.6	35.8	40.7	39.9	2.01
Yarmouth.....	47.5	39.0	43.1	42.0	3.06

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 the northwest of Spain; 30.4 ins: and less, in another system lying over the southern part of the Baltic.
 Lowest, 29.8 ins: and less, in a depression lying off the northwest of Norway.
 Gradients moderate over Scandinavia and the northern parts of our Islands and the North Sea, but slight elsewhere.
 Barometer falling in Scandinavia, Germany, and the north of Scotland, rising in nearly all other localities.

TEMPERATURE

Highest, 57° at Forinna, 55° at Biarritz, 53° at Sill, and 51° at Bilmullet, Valencia Island, Brest, and Lisbon.
 Lowest, 14° at Berlin, 15° at Heringsand, 23° at Copenhagen, 26° at Jaro, and 27° at Stockholm and Munich.
 During yesterday the thermometer rose to 50° or a little above at all our western and southern stations.

WIND

SW over the northern parts of our Islands and the southern parts of Scandinavia, moderate in force generally, but strong in the Heligoland.
 Light or moderate from the N. over the south of England and the greater part of France.
 Light from SE. or E. over Germany and Denmark and also in the northwest of Norway.

WEATHER

Fine in many parts of England and France, but foggy in London and at Yarmouth, as well as in the Netherlands.
 Dull in most other localities with rain in the extreme northwest of our Islands.
 Rain fell yesterday in nearly all parts of the United Kingdom, the largest amount being 0.5 in. at Dungeness.

SEA

Rather rough off the north of Scotland and also at Skudenes, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 28th NOV^r 1892.

DISTRICTS.

FORECASTS.

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

DISTRICTS.

FORECASTS.

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

WARNINGS

At 9.45 am to district 0 and parts of 1 and 9. "Hoist South Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.15	41	37	SSE	9	r	6	Valencia ...	30.25	52	51	NW	4	bc	4
Sumburgh Head	29.79	46	46	SSW	1	o	5	Scilly ...	30.19	54	53	WNW	5	o	4
Stornoway ...	29.88	48	48	SW	4	r	4	Jersey ...	30.20	54	52	S	2	o	2
Aberdeen ...	29.88	43	42	SW	1	omg	4	Hurst Castle	30.13	52	57	WSW	3	c	2
Shields ...	29.90	46	44	SSW	3	o	3	Dungeness...	30.13	49	48	SSW	5	2	4
Ardrossan ...	29.94	48	47	NW	2	c	1	North Foreland...	30.13	46	45	S	4	o	4
Malin Head ...	30.02	49	46	NW	5	c	3	London ...	30.11	51	49	SSE	1	om	*
Mullaghmore	30.11	50	47	WNW	4	om	4	Yarmouth ...	30.09	45	43	S	4	om	4
Belmullet ...	30.16	50	46	WNW	2	b	4	Rocheport ...	30.17	52	51	SSE	3	o	*
Holyhead ...	30.07	49	47	NW	4	b	3								

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

Weather in morning fine and bright over northern and Central Europe, as well as over the northwest of Ireland and many parts of the Mediterranean; cloudy or overcast elsewhere, with rain in the north and west of our islands, the north of Spain and at La Cella, snow at Odessa. Rain later in all parts of our islands, the Netherlands, several parts of France, and on the southern side of the Mediterranean as well as at Rode; amounts reported not large except at La Cella (0.95 in.)

Temperature fallen rapidly over Russia and Central Europe, risen somewhat over Scandinavia and Scotland. Morning readings 60° at Malta and Nemours, and exceeding 50° on the Atlantic coasts of Spain and France, as well as the southwest of our islands, exceeding 40° all over the United Kingdom and France, much lower elsewhere. Lowest 3° F. at Kuopio, 6° at Archangel and St. Petersburg, 7° at Moscow, 8° at Charkov, and below 20° over Russia, eastern and central Germany, and Austria, below the freezing point all over Central Europe. Rising to 50° or more, over nearly the whole of Ireland, England, and the west of France later, to 60° at Perpignan and to 61° at Lisbon, but sharp frost continuing over Austria and Germany.

Wind light and anticyclonic over the Baltic, Russia, Central Europe, variable and light over France; stronger over our islands (from NW. in the west and from SW. and S. over Gt. Britain; SE. strong to a gale over Norway. Strong NE. over the Adriatic, moderate over northern Italy; W. light at Palermo and Malta. Becoming more W. over England later and freshening from NE. over Southwestern Europe.

Barometer highest 30.6 in. and more to 30.2 in. over Central Europe, and the southeastern half of the North Sea; 30.4 in. and more to 30.2 in. over Spain, the western parts of the Bay of Biscay and all adjacent parts of the Atlantic. Lowest 29.8 in. and less, over the northern parts of Scotland, with the Hebrides, Shetlands, and Farø Isles, and below 30.0 in. over Sicily and the south of Italy. Rising in our islands and France later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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, 28th November, 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.	Force	Weather.	Barometer.	Shade Temp.	Wet Bulb.	Change in dry since Yesterday.	Wet Bulb.	Change in dry since Yesterday.	Wind.	Force	Weather.	Sea	Weather.	Max.	Min.	Amount of Rainfall.
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	(0 to 12).		Reading at 32° F. and Sea Level.	Dry Bulb.	Wet Bulb.				Dirac.	(0 to 12).		(0 to 9).				
	Inch.	°				Inch.	°	°	°										Inch.
SCANDINAVIA.	Haparanda ...	29.73	31	SW	4	c	29.37	-56	31	31	+ 1	W	2	b	#	c	32	21	0.20
	Hernösand ...	29.85	32	S	4	c	29.65	-44	39	37	+ 24	W	0	0	#	c	?	12	-
	Stockholm ...	30.17	32	SW	2	o	29.93	-40	37	25	+ 10	SSW	4	r	#	o	?	19	0.04
	Wibby ...	30.36	33	SSW	6	b	30.15	-30	36	33	+ 1	SSW	8	o	#	b	36	?	-
	Bodö ...	29.30	41	SE	4	r	29.23	-53	44	?	+ 9	SSW	6	r	#	r	?	34	0.24
	Christiansund ...	29.54	49	SW	9	r	29.46	-41	48	46	+ 3	SW	8	r	#	r	48	45	0.95
	Skudesnaes ...	30.02	48	S	6	r	29.92	-19	48	47	+ 1	SSW	4	o	#	r	48	46	-
	Christiania Fjord (Fjord)	30.05	44	WSW	6	m	29.89	-40	47	46	+ 10	WSW	6	o	#	m	?	?	-
	Skagen (The Sea)	30.31	37	SW	2	o	30.24	-08	43	43	+ 17	SW	3	m	#	o	43	26	-
	Faaro ...	30.31	37	SW	2	o	30.24	-08	43	43	+ 17	SW	3	m	#	o	43	26	-
BRITISH ISLANDS.	Samburgh Head	29.76	51	WSW	7	r	29.62	-25	51	50	+ 5	WSW	8	o	#	r	52	46	0.20
	Stornoway ...	29.88	52	SW	7	r	29.72	-19	53	53	+ 3	SW	7	r	#	r	53	49	0.60
	Wick ...	29.92	50	W	5	bc	29.77	-17	49	48	+ 1	W	6	o	#	bc	54	47	0.05
	Nairn ...	29.99	53	WSW	3	c	29.82	-15	52	51	+ 2	SW	3	o	#	c	59	48	-
	Aberdeen ...	30.05	49	SSW	2	o	29.93	-16	49	47	+ 7	SW	5	bc, u	#	o, g	52	42	-
	Leith ...	30.18	52	SSW	3	o	30.07	-09	52	47	+ 4	WSW	3	c	#	o	53	46	-
	Shields ...	30.26	50	WSW	3	c	30.17	-09	50	47	+ 11	SW	3	c	#	c	53	37	-
	Spurn Head ...	30.24	46	SW	3	ogm	30.32	+02	46	46	+ 4	WSW	3	ogw	#	ogm	47	41	-
	York ...	30.35	49	N	1	o	30.30	-00	48	47	+ 10	SW	2	o	#	o	51	38	-
	Loughborough	30.42	48	WSW	2	o	30.41	+04	47	45	+ 10	WSW	2	o	#	o	50	35	-
GERMANY & HOLLAND.	Ardrossan ...	30.22	51	N	1	b	30.10	-11	50	49	+ 2	SSW	5	o	#	b	51	48	-
	Malin Head ...	30.17	50	WSW	6	o	30.00	-17	50	49	+ 1	SSW	6	op	#	o	51	49	-
	Mullaghmore ...	30.27	52	SSW	4	om	30.13	-12	52	50	+ 2	SSW	5	o	#	om	53	49	-
	Belmullet ...	30.27	51	WSW	3	om	30.12	-13	52	51	+ 1	SW	6	o	#	om	52	50	0.06
	Donaghadee ...	30.30	52	SW	3	c	30.18	-10	50	49	+ 4	W	6	bc	#	c	52	46	0.01
	Liverpool (Bidston)	30.40	48	W	1	o	30.35	-01	48	46	+ 3	SW	1	c	#	o	50	45	-
	Holyhead ...	30.39	51	SW	2	og	30.33	-02	50	48	+ 1	SW	3	og	#	bc, og	52	49	0.01
	Parsonstown ...	30.38	52	Z	0	o	30.29	-06	49	47	+ 0	SE	1	og	#	o	52	47	-
	Valencia ...	30.46	51	SW	2	odm	30.37	-07	51	50	+ 0	SSW	3	og	#	odm	52	49	0.07
	Roche's Point	30.44	50	W	1	r	30.38	-04	50	50	+ 0	WSW	3	rm	#	c	54	49	-
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.45	50	W	3	o	30.42	+02	50	49	+ 0	WSW	4	og, p	#	o	52	48	0.03
	Scilly ...	30.48	51	WSW	3	c	30.48	+04	49	49	+ 4	WSW	4	ogm	#	c, f	54	47	0.01
	Prawle Point ...	30.51	48	SW	2	c	30.52	+08	48	48	+ 6	W	3	og	#	bc, odm	56	42	0.03
	Jersey (St. Aubin's)	30.52	47	N	2	bm	30.56	+15	50	48	+ 0	SW	2	on	#	c, bm	52	38	-
	Hurst Castle ...	30.49	46	WSW	1	b	30.49	+09	49	49	+ 7	W	4	odm	#	b	52	42	0.01
	Dungeness ...	30.43	45	WSW	1	m	30.47	+15	51	49	+ 7	W	4	o	#	m	51	38	-
	North Foreland	30.43	44	N	2	c	30.41	+09	48	47	+ 3	WSW	2	ow	#	o, c	48	40	-
	London ...	30.46	40	Z	0	f	30.47	+09	47	46	+ 5	W	1	og	#	bc, f, o	47	39	-
	Oxford ...	30.48	45	WSW	2	o	30.46	+07	47	46	+ 7	SW	2	og, r	#	bc, o	50	40	-
	Cambridge ...	30.44	42	SW	1	o	30.43	+06	47	46	+ 4	SW	1	o	#	o	52	39	-
PENINSULA.	Yarmouth ...	30.38	43	WSW	1	bcf	30.40	+12	45	44	+ 4	WSW	2	f	#	bcf	46	39	0.01
	Cuxhaven ...	30.39	30	SSE	1	o	30.39	+06	38	37	+ 15	SW	2	f	#	o	38	23	-
	Berlin ...	30.50	20	SSE	2	b	30.49	+02	26	26	+ 12	SSW	2	o	#	b	27	14	-
	Wiesbaden ...	30.50	26	SSE	3	#	30.53	+21	33	32	+ 1	Z	0	o	#	#	34	32	-
	Munich ...	30.46	26	SE	3	bc	30.57	+21	29	29	+ 2	SE	2	o	#	bc	34	27	-
	The Helder ...	30.42	38	S	1	f	30.42	+14	47	46	+ 11	WSW	4	c	#	f	46	36	-
	Brussels (S. Ann's Hd.)	30.53	40	SW	1	o	30.53	+24	40	39	+ 0	SW	4	f	#	f	45	37	-
	Cape Gris Nez	30.42	45	N	2	c	30.44	+21	50	47	+ 4	WSW	4	o	#	c	50	41	-
	Paris ...	30.50	42	NNE	2	b	30.59	+34	38	38	+ 5	Z	0	o	#	b	48	33	-
	Brest ...	30.50	48	NNE	2	bc	30.59	+34	51	50	+ 0	S	3	o	#	bc	55	46	-
FRANCE AND BELGIUM.	Lorient ...	30.51	50	NNE	4	b	30.58	+19	43	42	+ 5	Z	2	b	#	b	57	43	-
	Rochefort ...	30.41	49	N	4	b	30.51	+21	46	42	+ 1	NNE	3	b	#	b	55	39	-
	Belfort ...	30.43	38	E	3	b	30.50	+32	33	32	+ 4	E	3	b	#	b	43	28	-
	Lyons ...	30.43	38	NNE	1	b	30.50	+32	32	31	+ 3	N	1	b	#	b	44	31	0.04
	Nice ...	30.35	43	NW	1	b	30.44	+14	37	33	+ 7	E	1	b	#	b	48	36	-
	Perpignan ...	30.32	51	NNE	3	o	30.46	+15	41	40	+ 4	NW	2	b	#	o	53	39	0.16
	Biarritz ...	30.35	48	NNE	5	f	30.52	+21	39	39	+ 16	SE	3	m	#	r	57	37	0.12
	Corunna ...	30.35	56	N	5	b	30.32	+13	51	45	+ 0	NNE	5	b	#	b	61	50	-
	Lisbon ...	30.35	56	N	5	b	30.32	+13	51	45	+ 0	NNE	5	b	#	b	61	50	-

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, 23rd Nov: 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:

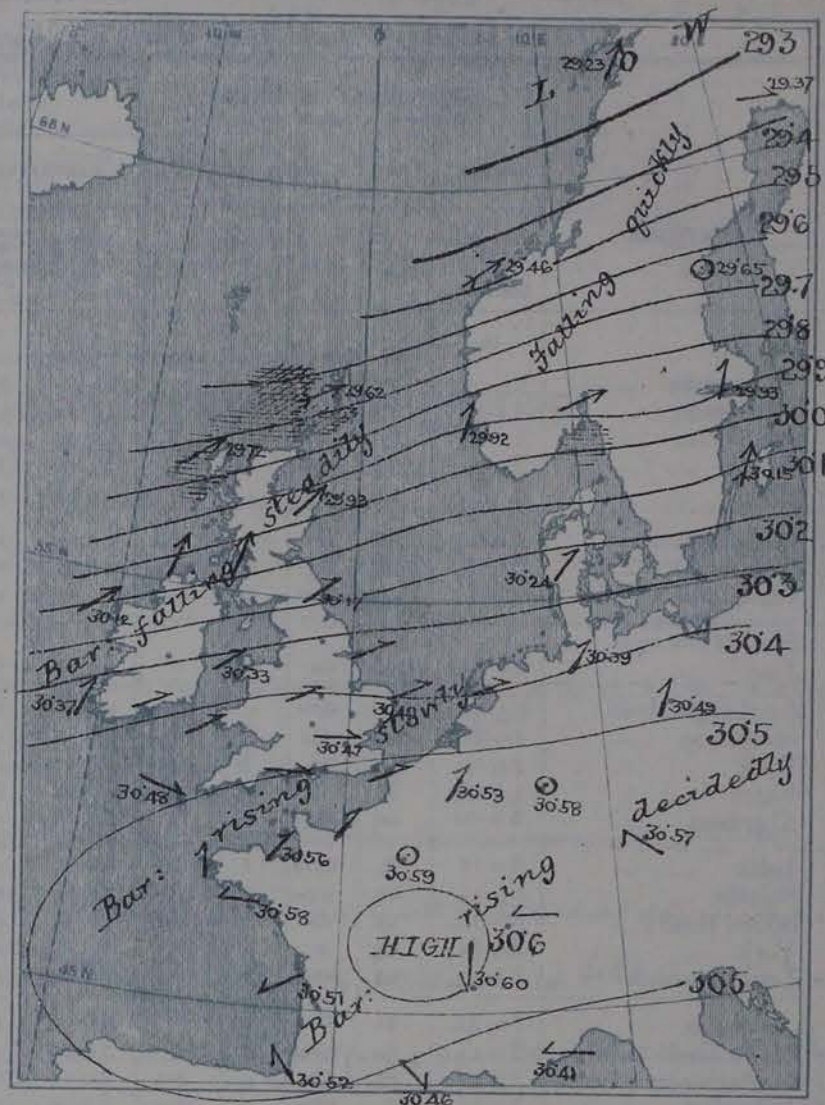
— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of November

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.789
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Rochie's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
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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 0.1 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
Sumburgh Head	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
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Mullaghmore	49.0	41.2	45.1	43.1	4.48
Donaghadee	48.3	39.2	43.2	42.0	3.20
Holyhead	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	42.5	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Rochie's Point	51.1	42.0	46.1	44.5	4.62
Pembroke	50.1	43.8	46.9	45.1	4.04
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.4	41.9	46.2	44.7	3.20
Jersey	51.9	44.1	47.7	45.8	5.30
Hurst Castle	50.5	40.6	41.9	41.0	3.01
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	38.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.0	35.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.08

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. to 30.6 ins. in an anticyclone lying over Germany, France, and the Bay of Biscay.
 Lowest, 29.3 ins. and less, in a depression lying over the northwest of Norway.
 Gradients steep over Scandinavia and the northern part of our islands and the North Sea, slight elsewhere.
 Barometer rising in France and Germany, but falling elsewhere, — quickly, at the Scandinavian stations.

TEMPERATURE

Highest, 53° at Hornøya, 52° at Narvik, Leth, Rinnellet and Mullaghmore, and 51° at Lumburg, H. Valencía Island and Lisbon.
 Lowest, 26° at Berlin, 29° at Munich, 31° at Kopenhagen, 32° at Lyons, 33° at Wiesbaden, and 36° at Nizny.
 The maxima registered yesterday were above 50° at all but our eastern and southeastern stations; at Narvik the thermometer rose to 50°.

WIND

SW^{ly} to W^{ly} in most parts of Northwestern Europe, and strong to a gale in force in the north of Scotland and the west of Norway, as well as at Usterby.
 Light from the E^{ly} in the west of France and also over South Germany. Calm or light and variable over Central France.
 A strong gale from the SW^{ly} was experienced yesterday in the extreme north of Scotland.

WEATHER

Cloudy or overcast at all but the French stations, with rain in the Hebrides and the west of Norway, and with slight passing showers in various parts of England and Ireland.
 A solar halo was seen yesterday at Hurst Castle, and lunar halos at Ardrossan, Jersey, and in London.

SEA

High at Lumburg, H., rough at Hornøya, and rather rough at Faerøer, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Large depressions are now skirting our extreme northern coasts, and increasing SW^{ly} winds are probable over the entire Kingdom, with gales at several of the north and northwestern stations.

FORECASTS

For the 24 hours ending at NOON on 29th November, 1892.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
† 0	SCOTLAND NORTH	SW ^{ly} and W ^{ly} strong winds and gales; squally, rain at times.	† 6	SCOTLAND WEST	SW ^{ly} and W ^{ly} winds, increasing to a gale; squally, some rain.
† 1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.		8	ENGLAND S.W.	
3	ENGLAND EAST	SW ^{ly} winds, increasing in force; fair to dull and some rain.	† 9	IRELAND NORTH	Same as No. 6.
4	MIDLAND COUNTIES		10	IRELAND SOUTH	
5	ENGLAND SOUTH		WARNINGS		
			At 10.15am to district 6. "Hoist South Cone". The signals are still flying in district 1 and parts of 1 and 3.		

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Dirac.	F.	WEA.	SEA.		BAR.	THER.		WIND. Dirac.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.13	47	46	S	6	0	5	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.84	52	52	SW	7	1	6	Jersey ...	30.46	52	48	NE	3	c	3
Aberdeen ...								Huret Castle ...							
Shields ...								Dungeness ...	30.40	45	43	NNE	2	m	1
Ardrossan ...								North Foreland ...	30.38	45	44	N	2	0	2
Malin Head ...	30.17	51	50	SW	6	0	3	London ...							
Mullaghmore ...								Yarmouth ...							
Behmullet ...	30.27	51	51	SW	2	0		Rocheport ...							
Holyhead ...	30.57	52	51	W	3	6	2								

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

Weather in morning fine and bright over many parts of central Europe, France, the south of England and the northern half of Sweden, cloudy and unsettled over northwestern Europe as well as the Mediterranean, with rain at Kaspio, as well as at several of the Algerian stations and Malta. Considerable rain at Christiansund and Stornoway later, and smaller quantities at other northern and western stations - also in the southwest of France.

Temperature risen over Ireland, Scotland and northern Europe, fallen over the central and southern parts of Russia and Germany. Morning readings - Highest, 60° at Malta and Algiers and above 50° at most Algerian, Spanish and Portuguese stations, as well as in the extreme southwest of our Islands, 50° at Kain. Lowest - 35° at Moscow, +3° at Cracow, 5° at Khar'kov, 7° at Archangel and below 20° over nearly the whole of Russia, Austria-Hungary and eastern Germany, 36° to 38° over many parts of Italy, and 38° to 40° over the northern counties of England.

Winds (1) SW² moderate to strong over the northern parts of our Islands and the whole of Scandinavia; (2) N² to NE² over France and the Bay of Biscay, NE² over the Mediterranean; (3) Anticyclonic over Austria, Poland and Russia, SE² over north Germany. The SW² wind blowing a gale in Scotland later.

Barometer Highest (1) 30.8 ins. and more to 30.3 ins. in an anticyclone over eastern and central Europe and the Baltic; (2) 30.5 ins. and more to 30.3 ins. in the eastern part of another anticyclone spreading in from the Atlantic, over Spain, the western half of France and the southern half of our Islands; Gradients very variable. Falling decidedly over Scandinavia later, as a depression travelled towards that region from the westward.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 20TH TO 26TH NOVEMBER 1892.

The weather over western Europe was upon the whole exceedingly dull and gloomy, with fog or mist in many places and with heavy falls of rain in the west and south of Ireland. In Scotland there were some fairly long intervals of bright sunshine but in the southeast of England the sky was almost continuously overcast.

Barometrical pressure was at first highest in a large anticyclone lying over Scandinavia and lowest in a well marked depression lying off the southwest of Ireland the prevailing winds being mostly S² or SE². On the 24th and 25th however, the depression in the southwest passed away over the Atlantic, while the northern anticyclone moved S² to the North Sea and Germany where it gradually dispersed. A large depression now travelled eastwards across the northern parts of Scandinavia but the influence of the disturbance did not reach our own coasts. In its rear a new high pressure system formed over the northern parts of our area and as a second anticyclone was at the same time developed over Spain and France the distribution of pressure became very complex. On the 25th and 26th a V-shaped depression advanced eastwards over our Islands and occasional rain in nearly all districts with strong winds or gales from the SE² in the north and east of Scotland. At the close of the week the disturbance appeared to be moving away to the North Sea and the barometer was rising on all our western coasts while the wind was veering to the NW² with a temporary improvement in the weather.

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 (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY 29th NOVEMBER. 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.				
				Force (0 to 12).				Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.					
		Reading at 5 th P. and Sea Level.	Dry Bulb.	Wet Bulb.	Force (0 to 12).		Reading at 5 th P. 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 ...	29.27	35	34	4	0	29.11	-26	36	36	+5	0	2	7	0	36	31	—			
	Hernösand ...	29.54	38	37	2	0	29.09	-26	42	42	+4	0	6	0	0	38	28	0.04			
	Stockholm ...	29.75	40	39	4	0	29.50	-43	44	41	+7	0	4	0	0	40	29	—			
	Wishby ...	29.92	42	41	6	0	29.72	-43	43	41	+7	0	8	0	0	42	30	—			
	Bodö ...	29.13	44	43	7	7	28.73	-50	41	41	-3	0	2	0	1	44	36	0.28			
	Christiansund...	29.31	46	45	8	7	29.06	-53	40	39	-1	0	6	7	5	46	37	0.08			
	Skudesnaes ...	29.70	50	49	7	7	29.36	-56	44	41	-4	0	7	7	6	50	41	—			
	Christiania Fjord (Færdler)	29.70	46	45	6	C	29.28	-61	40	47	+1	0	8	0	6	46	46	—			
	Skagen (The Seaw)	29.84	46	45	5	0	29.33	-43	45	43	+1	0	6	7	4	46	43	—			
	Fanö ...	29.06	44	43	4	0	29.32	-42	40	44	+2	0	6	C	0	44	43	0.04			
Sumburgh Head	29.42	48	47	4	7	29.15	-47	39	38	-1	0	6	7	6	0	52	36	0.45			
	Stornoway ...	29.48	48	47	5	7	29.49	-23	36	36	-1	0	6	0	6	52	35	0.45			
	Wick ...	29.47	50	49	5	7	29.42	-25	39	37	-2	0	7	0	7	51	35	0.30			
	Nairn ...	29.49	54	53	5	C	29.53	-23	39	37	-2	0	4	C	3	60	35	0.24			
	Aberdeen ...	29.67	51	50	7	0	29.64	-23	38	35	-3	0	5	0	3	53	38	—			
Leith ...	29.82	51	50	5	0	29.76	-31	40	36	-4	0	5	0	0	54	38	0.08				
	Shields ...	29.77	49	48	5	C	29.83	-30	43	39	-4	0	5	0	2	54	42	—			
	Spurn Head ...	29.14	47	46	2	0	29.84	-38	47	46	+1	0	4	0	3	55	45	—			
	York ...	29.16	49	48	3	C	29.96	-34	42	40	-2	0	1	0	0	51	48	—			
	Loughborough	29.25	48	47	4	0	29.04	-37	46	45	-1	0	3	0	0	51	45	0.04			
Ardrossan ...	29.86	51	50	5	0	29.83	-27	45	40	-5	0	5	0	4	0	57	41	0.18			
	Malin Head ...	29.67	50	49	9	0	29.80	-20	43	38	-5	0	6	0	4	52	42	0.11			
	Mullaghmore ...	29.83	52	51	6	0	29.88	-18	43	40	-3	0	7	0	6	53	43	0.63			
	Belmullet ...	29.88	52	51	7	7	29.88	-14	44	42	-2	0	4	0	0	53	43	0.33			
	Donaghadee ...	29.88	53	52	7	C	29.87	-21	38	37	-1	0	5	0	4	53	39	0.07			
Liverpool (Bldston)	29.18	49	48	3	0	29.01	-34	45	41	-4	0	4	0	4	0	53	43	0.05			
	Holyhead ...	29.17	50	49	5	C	29.06	-27	44	41	-3	0	5	0	4	52	44	0.04			
	Parsonstown ...	29.09	52	51	1	0	29.08	-21	40	38	-2	0	0	0	0	54	40	0.10			
	Valencia ...	29.20	53	52	4	7	29.18	-19	44	44	0	0	3	0	5	54	45	0.06			
	Roche's Point	29.23	51	50	5	7	29.17	-21	45	45	0	0	2	0	3	53	45	0.15			
Pembroke (St. Ann's Rd.)	29.28	50	49	5	C	29.13	-25	47	45	-2	0	5	0	5	0	52	46	0.09			
	Scilly ...	29.40	49	48	4	0	29.19	-29	53	52	+4	0	5	0	4	53	48	0.08			
	Prawle Point ...	29.40	48	47	4	0	29.21	-31	53	50	+2	0	6	0	5	50	46	0.06			
	Jersey (St. Aubin's)	29.49	52	51	2	0	29.31	-25	53	49	+4	0	4	0	3	52	49	0.01			
	Hurst Castle ...	29.42	50	49	5	C	29.19	-20	50	50	+1	0	7	0	3	51	48	0.02			
Dungeness ...	29.38	51	50	5	C	29.16	-31	50	49	-1	0	7	0	5	0	52	49	0.01			
	North Foreland	29.35	49	48	4	0	29.13	-28	49	47	+2	0	4	0	3	51	46	—			
	London ...	29.36	49	48	3	0	29.11	-36	49	47	+2	0	2	0	0	51	46	—			
	Oxford ...	29.31	48	47	2	0	29.11	-35	49	47	+2	0	3	0	0	50	46	—			
	Cambridge ...	29.30	49	48	2	0	29.06	-37	50	48	+2	0	3	0	0	50	44	—			
Yarmouth ...	29.27	47	46	5	C	29.03	-37	47	45	+2	0	3	0	3	49	42	—				
Cuxhaven ...	29.33	41	40	4	0	29.23	-36	43	42	+5	0	5	0	0	43	38	—				
	Berlin ...	29.41	35	34	0	0	29.20	-29	36	35	+10	0	3	0	0	36	26	—			
	Wiesbaden ...	29.38	38	37	0	0	29.28	-26	34	33	+1	0	0	0	0	36	33	—			
	Munich ...	29.33	29	28	3	0	29.38	-19	25	24	-4	0	5	0	0	30	25	—			
	The Helder ...	29.27	47	46	6	0	29.06	-36	48	46	+1	0	8	0	4	48	46	—			
Brussels (9 a.m.)	29.26	37	36	4	0	29.10	-25	38	36	+2	0	5	0	0	43	39	—				
	Cape Gris Nez	29.36	51	50	4	0	29.10	-25	38	36	+2	0	6	0	6	52	48	0.04			
	Paris ...	29.54	42	41	2	0	29.37	-20	41	40	+3	0	2	0	0	44	38	—			
	Brest ...	29.51	51	50	2	0	29.37	-20	41	40	+3	0	4	0	3	54	38	—			
	Lorient ...	29.53	50	49	1	0	29.36	-22	42	40	+2	0	4	0	3	53	43	—			
Rocheftort ...	29.52	44	43	2	0	29.40	-11	35	35	-11	0	2	0	0	46	34	—				
	Belfort ...	29.53	43	42	2	0	29.41	-12	36	36	-1	0	4	0	0	44	30	—			
	Lyons ...	29.49	35	34	1	0	29.49	-11	38	31	+1	0	1	0	0	38	32	—			
	Nice ...	29.38	41	40	1	0	29.44	-10	39	35	+2	0	3	0	2	50	36	—			
	Perpignan ...	29.39	40	39	1	0	29.48	-10	38	37	+1	0	3	0	2	50	37	—			
Biarritz ...	29.43	45	44	2	C	29.38	-14	42	41	+3	0	3	0	2	50	37	—				
Corunna ...	29.29	34	33	3	0	29.28	-14	37	36	+1	0	5	0	0	37	30	—				
	Lisbon ...	29.29	34	33	3	0	29.28	-14	37	36	+1	0	5	0	0	37	30	—			

For Explanation of Columns, see bottom of last page.

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

WEATHER CHARTS

for 8 a.m. on Tuesday, 29th Nov. 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.

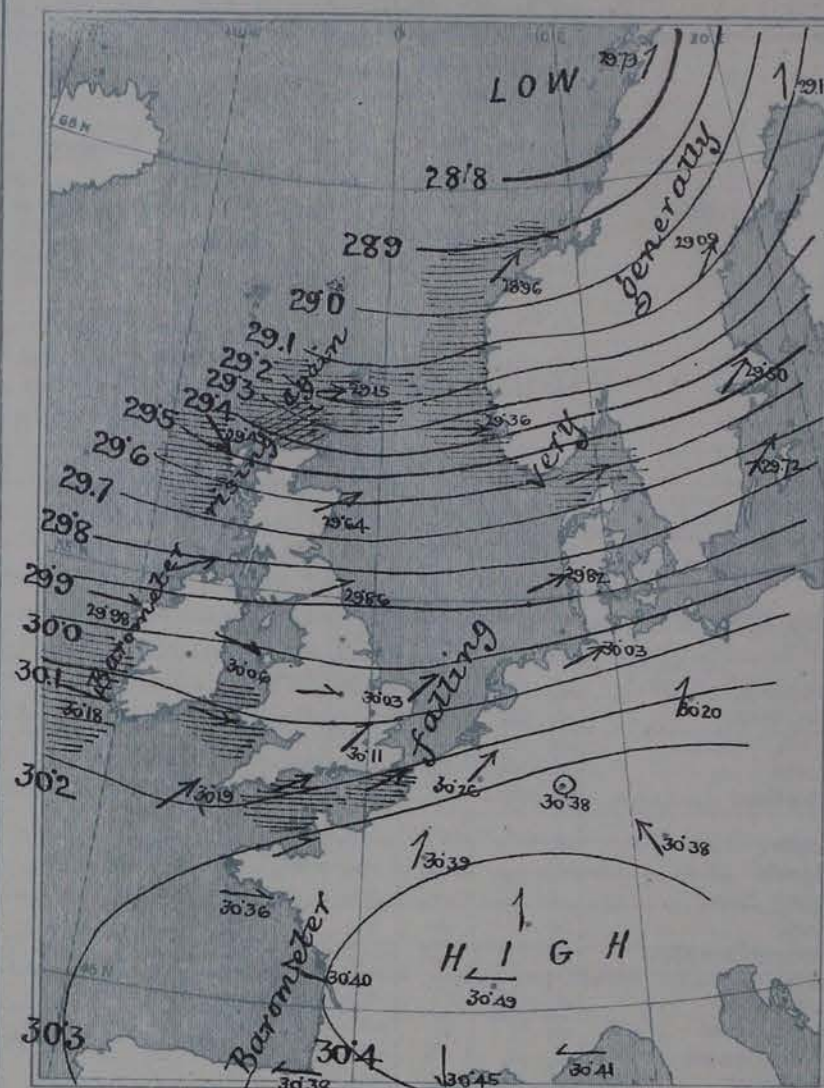
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▩ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardsossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.804
Seilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.865



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.

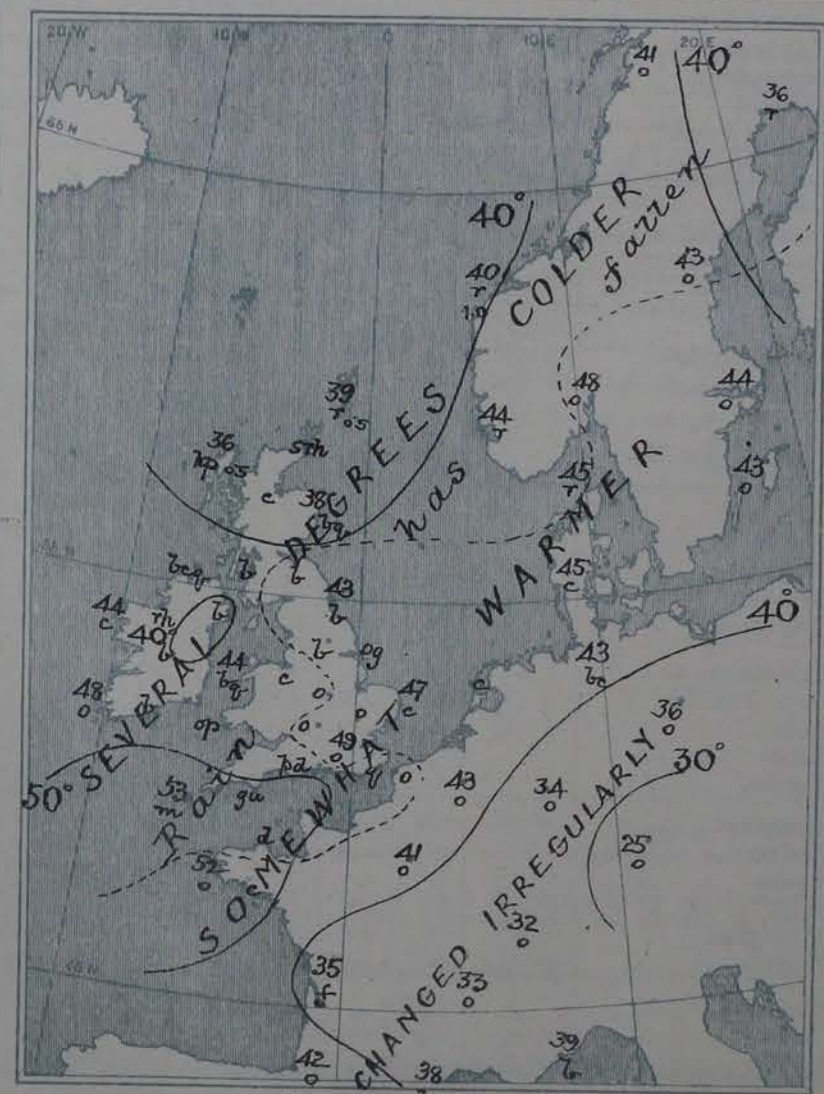
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway.....	46.2	37.0	41.7	40.7	4.70
Wick.....	46.1	36.1	41.4	39.8	2.93
Nairn.....	45.3	35.7	39.8	38.2	2.29
Aberdeen.....	46.2	36.5	40.5	38.7	3.14
Leith.....	48.1	37.0	41.7	40.0	2.20
Shields.....	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York.....	47.5	30.4	40.6	39.3	2.19
Loughborough.....	48.0	36.6	40.5	39.3	2.24
Ardsossan.....	47.8	39.1	43.1	41.3	3.88
Mullaghmore.....	49.6	41.2	45.1	43.1	1.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool.....	47.8	38.0	42.5	40.7	2.96
Parsonstown.....	49.1	37.1	41.9	40.2	2.83
Valencia.....	52.3	43.0	47.4	45.5	5.42
Roche's Point.....	51.1	42.0	46.1	44.5	1.62
Pembroke.....	50.1	43.8	46.9	45.1	1.01
Seilly.....	52.4	46.7	50.0	48.0	3.72
Prawle Point.....	51.1	41.9	46.2	44.7	3.29
Jersey.....	51.9	44.1	47.7	45.8	1.30
Hurst Castle.....	50.5	40.6	44.9	44.0	3.01
Dover.....	49.3	40.6	44.3	42.8	3.48
LONDON.....	49.3	38.0	42.2	40.8	2.23
Oxford.....	48.2	37.5	41.2	40.0	2.31
Cambridge.....	48.6	35.8	40.7	39.9	2.01
Yarmouth.....	47.5	30.0	43.1	42.0	3.06

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in: and more to 30.2 in: over France, the Bay of Biscay, Spain, and South Germany.

Lowest, 28.8 in: and less, to 29.0 in: over the northern half of Scandinavia.

Gradients steep over Scotland and the northern half of the North Sea, slight over France, moderate elsewhere.

Barometer unsteady — rising in the west and north.

TEMPERATURE

Highest, 50° to 53° along the south coast of England and the coast of Brittany.

Lowest, 25° at Munich, 32° to 36° over the east of France and north Germany, 36° at Haparanda and Ponnary, 37° at Kairu, and 38° at Hounden.

It has fallen decidedly in Scotland and Ireland, but risen quickly over north Germany.

WIND

Variables from between SW. and NW over our Islands — moderate at the eastern stations and in the south of Ireland, fresh to a gale elsewhere. Strong to a gale from between SSW. and WSW. on the eastern shores of the North Sea. Light E. in the south and southwest of France.

A sudden and severe gale set in over Caithness from the NWnd at midnight, but is subsiding this morning.

WEATHER

Very changeable in most places — especially over the British Isles and North Sea — with rain in places, hail and sleet at Wick. In the east of Ireland the sky is clear.

Rain has fallen in the west and north — heavily at Christiansund. In the Shetlands and Hebrides the fall was 0.45 in.

SEA

Very rough in the far north, rather so in the west, moderate generally elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is of an unstable type, and squally, showery weather is probable with a general fall of temperature.

FORECASTS

For the 24 hours ending at NOON on 30th NOV^r

1892.

DISTRICTS.		FORECASTS.		DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	} W th and NW th winds, strong, squally, showery.	1	SCOTLAND WEST	} Same as Nos 0 to 2.		
1	SCOTLAND EAST		2	ENGLAND N.W.			
2	ENGLAND N.E.		3	ENGLAND S.W.			
3	ENGLAND EAST	} SW th and W th winds, moderate to strong; squally, showery, unsettled.	4	IRELAND NORTH	} Varying W th winds; changeable, rain at times.		
4	MIDLAND COUNTIES		5	IRELAND SOUTH			
5	ENGLAND SOUTH		WARNINGS				
				The Cone is now lowered in the north and northwest, but is flying elsewhere.			

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Dirac.	F.	WEA.	SEA.		BAR.	THER.		WIND Dirac.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Strudsnæs ...	29.83	49	48	WSEW	6	0	5	Valencia ...	30.27	52	52	WSEW	4	02	5
Sumburgh Head ...	29.65	49	48	WSEW	5	0	6	Scilly ...	30.44	51	51	WSEW	4	02m	3
Stornoway ...	29.33	52	49	SEW	6	7	6	Jersey ...	30.51	51	50	SEW	3	02m	2
Aberdeen ...	29.81	52	49	SEW	9	cqu	5	Hurst Castle ...	30.40	50	48	W	4	C	2
Shields ...	30.06	52	49	WSEW	4	C	2	Dungeness ...	30.41	51	50	W	5	C	4
Ardrossan ...	29.88	50	49	WSEW	4	0	4	North Foreland ...	30.37	51	49	W	2	0	3
Malin Head ...	29.88	52	50	WSEW	7	0	4	London ...	30.41	49	47	WSEW	1	02m	*
Mullaghmore ...	29.88	52	50	WSEW	7	0	6	Yarmouth ...	30.31	47	46	WSEW	4	02	3
Behnullet ...	29.87	52	50	WSEW	7	0	6	Rochefort ...	30.52	48	44	ESE	2	m	*
Holyhead ...	29.29	51	50	WSEW	4	C	5								

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

Weather cloudy or overcast in nearly all parts of northern, northern, and central Europe, with fog over Belgium and the Netherlands, rain in the Hebrides, the west of Norway and the Gulf of Finland, and slight passing showers at several of the English and Irish stations. Snow reported at Kiepsio. Fine and bright in all the more southern parts of the Continent, but dull in Algeria. Rain falling during day in all but the eastern and southeastern parts of the United Kingdom, but amounts mostly small.

Temperature risen rapidly over northern and central Europe, and slightly in our Islands, but fallen in most of the southern countries. Morning readings highest (1) 58° at Malta, 57° at Algiers, and 55° at Cras; (2) 53° at Stornoway, and 52° at Naum, Leith, Behnullet, and Mullaghmore; reaching 50° at most of our own western and northern stations. Lowest 3° at Kharkov, 4° at Kiev, 5° at Nicolaioff, 7° at Cascut; ranging between 10° and 20° over all the more southern parts of Russia, as well as in Poland and Austria. Rising during day to between 50° and 55° in most part of the United Kingdom, and reaching 60° at Naum. Daily maxima below 40° at several of the German and Central French stations.

Wind SW¹ or W² over our Islands and all the more northern parts of the Continent, strong to a gale in force in the north of Scotland and the west of France, as well as in the Gulf of Finland. Light from the E¹ in the west and south of France; moderate to fresh from NE in Spain; N² in Italy and the south of Russia; variable in Algeria. Subsequently increasing to a moderate to strong gale from the SW¹⁰ in all the more northern parts of our Islands; veering to the NW¹⁰ in the north of Scotland at night, and increasing to a whole gale.

Barometer highest 30.8 ins. and upwards in the south of Russia, 30.3 ins. and upwards in a large anticyclone extending over nearly the whole of central, southern, and eastern Europe, and with the more southern parts of England and Ireland. Lowest 29.3 ins. and less, in a large depression lying over the northwest of Norway. Secondary disturbances appearing later off our north and northwest coasts, and barometer falling decidedly in most parts of our Islands and their neighbourhood.

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 (as a rule), and France, 8 p.m. at Oxford, in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 30th November,

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.	BAROMETRE.	SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.				Force (0 to 12).	Max.		Min.	
		Inch.	°				Inch.	°	°	°						°	Inch.			
SCANDINAVIA.	Haparanda ...	28.45	37	SW	4	r	28.67	- .44	32	31	- 4	SW	4	b	#	r	37	30	0.35	
	Hernösand ...	29.01	37	SW	4	b	28.95	- .14	33	29	- 10	S	4	b	#	b	45	32	-	
	Stockholm ...	29.37	40	WSW	6	b	29.23	- .27	36	34	- 8	SW	4	b	#	b	48	36	-	
	Wisby ...	29.56	42	WSW	8	b	29.32	- .40	38	37	- 5	WSW	6	c	#	b	45	37	-	
	Bodö ...	28.60	41	SW	6	o	28.56	- .17	35	32	- 6	E	2	o	1	o	41	32	-	
	Christiansund...	28.97	40	W	9	r	29.01	+ .05	41	36	+ 1	WNW	8	o	5	r	41	36	0.67	
	Skudesnaes ...	29.40	37	W	8	r	29.30	- .06	34	33	- 10	WNW	4	o r s	5	c, r	45	32	-	
	Christiania Fjord (Færdø)	29.38	44	WSW	8	b	29.21	- .07	40	37	- 8	WNW	5	bc	5	bc	48	39	-	
	Skagen (The Seaw)	29.49	39	WSW	6	c	29.30	- .25	36	35	- 9	WNW	2	o	1	c	46	35	0.12	
	Fanö ...	29.68	42	W	5	c	29.49	- .39	37	36	- 8	W	6	c p r s	#	c	46	37	0.12	
ISLANDS.	Sumburgh Head	29.27	33	WNW	3	s	29.52	+ .37	37	35	- 2	N	6	o	6	o h p, s	42	30	0.38	
	Stornoway ...	29.47	36	W	6	s	29.90	+ .41	36	36	- 0	W	6	s	6	s	39	30	0.20	
	Wick ...	29.42	34	W	4	o	29.71	+ .29	35	34	- 4	W	6	c s p u	4	o	39	31	0.15	
	Nairn ...	29.51	35	SW	3	r	29.84	+ .29	33	33	- 4	W	4	r s	3	r	40	28	0.15	
	Aberdeen ...	29.84	36	WSW	3	b	29.77	+ .13	34	32	- 4	WNW	7	bc q	4	bc, sp	42	32	0.02	
	Leith ...	29.67	36	SW	4	r	29.90	+ .14	34	30	- 6	SW	3	b	#	r	44	30	0.11	
	Shields ...	29.75	44	SW	4	o	29.88	+ .01	33	31	- 10	WSW	3	b	2	c, p	46	31	0.01	
	Spurn Head ...	29.86	42	SSW	3	bc v	29.90	- .04	38	37	- 9	W	6	b	4	bc v, p	47	36	0.01	
	York ...	29.90	44	WSW	3	o	29.97	+ .01	35	33	- 8	WNW	1	b	#	o	47	34	0.04	
	Loughborough	29.98	42	WSW	3	b	30.05	+ .01	37	35	- 9	WNW	4	b	#	b, q p	50	36	0.04	
BRITISH ISLANDS.	Ardrossan ...	29.69	42	W	4	o q p	30.02	+ .19	38	36	- 7	W	4	b	3	o q p, h	48	36	0.28	
	Malin Head ...	29.73	38	W	7	o q p	30.07	+ .27	41	38	- 2	W	5	c q p	4	bc, o q p	44	36	0.09	
	Mullaghmore ...	29.91	43	WNW	8	o q r h	30.17	+ .22	41	38	- 2	WNW	6	c q p	6	h r q	46	38	0.19	
	Belmullet ...	29.97	41	WNW	6	c q p	30.24	+ .26	40	38	- 4	WNW	3	o	#	c q p	46	39	0.29	
	Donaghadee ...	29.86	40	W	3	o	30.11	+ .14	37	37	- 1	WNW	6	c	4	o	45	35	0.04	
	Liverpool (Bidston)	29.89	45	WSW	6	o	30.06	+ .05	41	36	- 4	WNW	7	c	5	o	47	39	0.05	
	Holyhead ...	29.95	46	W	5	c q p	30.14	+ .08	42	39	- 2	W	6	c q p	5	bc, q p	49	40	0.08	
	Parsonstown ...	30.02	42	W	2	bc	30.26	+ .18	35	33	- 5	W	0	b	#	bc	46	34	0.04	
	Valencia ...	30.18	48	W	6	c q p	30.34	+ .16	41	39	- 7	W	0	b	4	c q p	50	40	0.05	
	Roche's Point	30.13	47	WNW	3	b	30.31	+ .14	40	38	- 7	WNW	3	b	3	b	50	39	-	
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	30.06	49	W	6	c	30.24	+ .11	43	40	- 4	W	5	bc	4	c	49	43	0.01	
	Scilly ...	30.15	51	SW	5	c	30.29	+ .10	47	43	- 6	W	5	c p	5	omp	54	42	0.05	
	Prawle Point ...	30.15	45	WNW	3	bc	30.27	+ .06	39	39	- 11	W	2	b	2	rm, b	52	38	0.08	
	Jersey (St. Aubin's)	30.19	54	SW	4	o d m	30.26	- .05	47	44	- 3	WNW	3	bc m	3	o d m, q	54	47	0.11	
	Hurst Castle ...	30.10	46	WNW	3	m	30.21	+ .02	41	39	- 9	WNW	5	b	3	o d m, b	52	39	0.05	
	Dungeness ...	30.00	52	W	6	r	30.13	- .03	41	39	- 9	WNW	5	b	4	r	55	48	0.11	
	North Foreland	30.02	48	W	4	q m r	30.07	- .06	40	38	- 9	WNW	4	b q	3	q r	52	37	0.04	
	London ...	30.05	47	WSW	3	o	30.12	+ .01	38	35	- 11	WSW	3	b	#	o q r, bc	54	37	0.08	
	Oxford ...	30.04	42	WSW	3	b	30.13	+ .02	36	34	- 13	WSW	3	b	#	o, b	50	36	-	
	Cambridge ...	30.05	45	SW	3	bc	30.07	+ .01	37	35	- 13	SW	3	b	#	bc	51	36	0.04	
FRANCE AND BELGIUM.	Yarmouth ...	29.98	44	W	2	bc	29.94	- .09	38	36	- 9	W	5	bc	3	m d, bc	47	35	0.02	
	Cuxhaven ...	29.92	40	WSW	4	r	29.69	- .34	39	38	- 4	W	6	c	#	r	45	39	-	
	Berlin ...	30.06	34	SSW	2	o	29.85	- .35	35	34	- 1	SW	4	o	#	o	37	32	0.20	
	Wiesbaden ...	#	#	#	#	#	30.08	- .30	38	37	+ 4	SW	2	o	#	#	39	34	0.12	
	Munich ...	30.29	#	#	#	#	30.16	- .22	28	27	+ 3	W	1	b	#	b	30	23	-	
	The Helder ...	29.94	47	W	5	bc	29.86	- .20	44	39	- 4	WNW	9	c	4	bc	48	43	0.16	
	Brussels (9 a.m.)	#	#	#	#	#	30.06	- .20	39	38	- 4	W	7	r	#	r	44	39	0.12	
	Cape Gris Nez	30.05	51	WSW	6	r	30.07	- .12	43	43	- 7	W	6	bc	6	r	52	43	0.79	
	Paris ...	30.28	42	SSW	3	o	30.21	- .18	44	43	+ 3	SW	2	o	#	o	44	41	0.04	
	Brest ...	#	54	WSW	4	r	#	#	49	46	- 3	WNW	3	c	3	r	54	46	-	
PENIN- SULA.	Lorient ...	30.24	52	WSW	4	o	#	#	49	46	- 3	#	4	bc	4	o	55	48	-	
	Rochefort ...	30.34	43	S	3	m	30.28	- .12	48	47	+ 13	SSW	3	m	#	m	#	#	0.04	
	Belfort ...	#	29	W	3	bc	#	#	37	36	+ 5	W	3	r	#	bc	#	30	-	
	Lyons ...	30.40	42	W	1	b	30.39	- .10	31	31	- 2	NE	1	o	#	b	42	29	-	
	Nice ...	30.36	43	E	4	b	30.27	- .14	38	35	- 1	E	1	b	1	b	52	36	-	
	Perpignan ...	30.39	40	SE	2	b	30.36	- .09	35	34	- 3	SW	2	b	#	b	66	34	-	
	Biarritz ...	30.36	43	ESE	3	o	30.33	- .05	39	37	- 3	SE	3	m	4	o	54	36	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Lisbon ...	30.23	54	NE	5	c	30.35	+ .07	48	44	- 3	WTE	4	b	#	c	59	46	-	

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, 30th Nov: 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 bars and feathers refer to force thus—

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

→ = forces 6 to 7; → = forces 1 to 4.

☉ = dead calm.

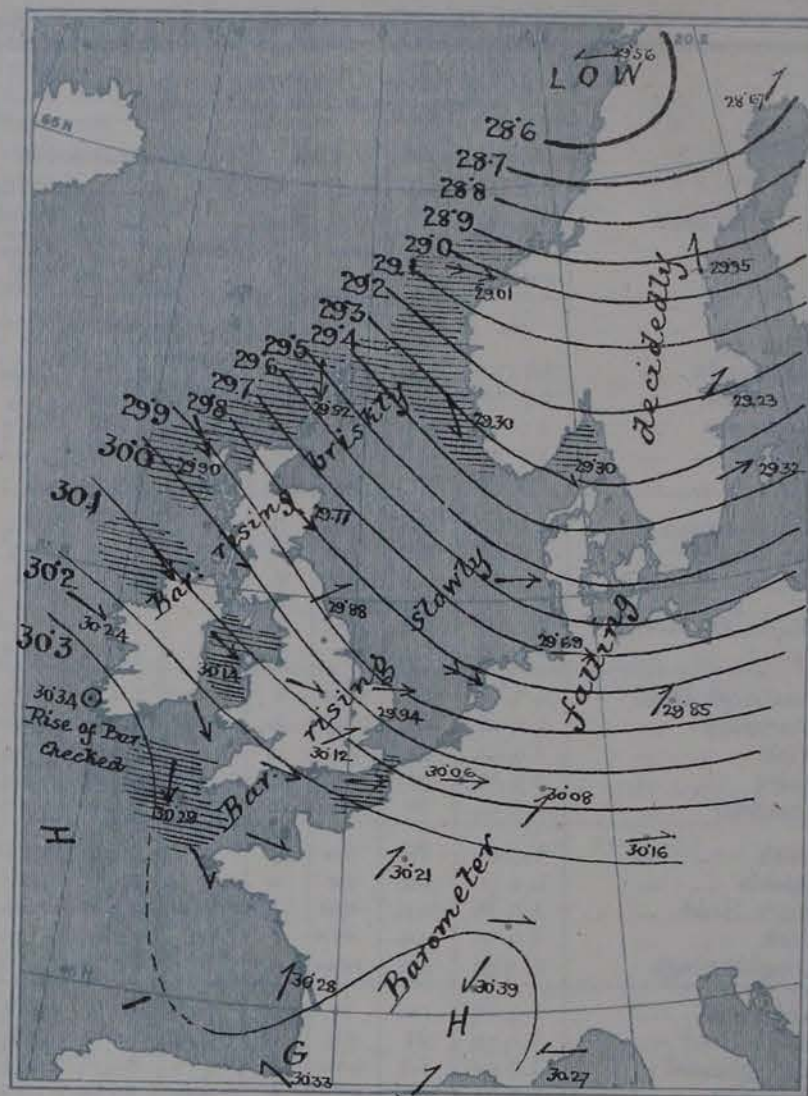
SEA DISTURBANCE—Where considerable, is shewn thus:

☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.683
Stornoway	29.699
Wick	29.722
Nairn	29.738
Aberdeen	29.758
Leith	29.789
Shields	29.813
Spurn Head	29.842
York	29.846
Loughborough	29.877
Ardrossan	29.791
Mullaghmore	29.780
Donaghadee	29.810
Holyhead	29.835
Liverpool	29.851
Parsonstown	29.847
Valencia	29.865
Roche's Point	29.865
Pembroke	29.864
Scilly	29.897
Prawle Point	29.914
Jersey	29.928
Hurst Castle	29.902
Dover	29.893
LONDON	29.898
Oxford	29.896
Cambridge	29.887
Yarmouth	29.866



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.

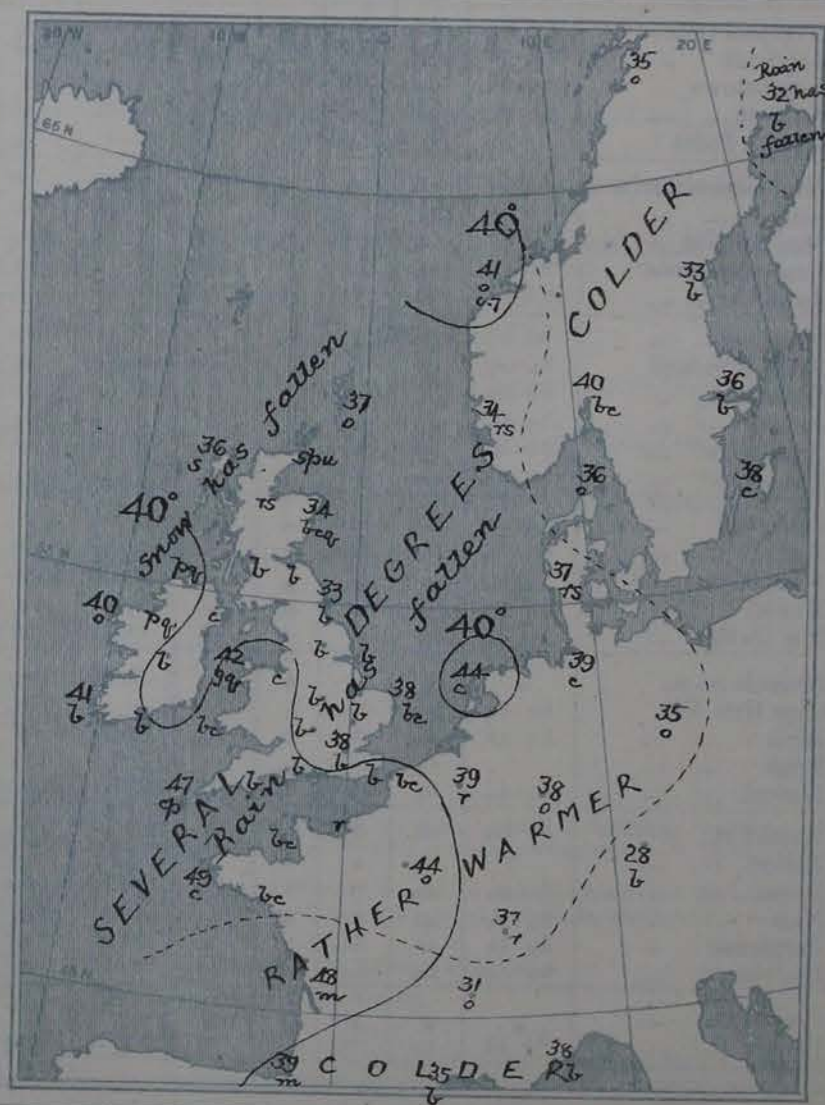
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of November.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	at 8 a.m. Wet.	
Sumburgh Head.....	45.6	37.8	42.0	40.3	4.16
Stornoway	46.2	37.0	41.7	40.7	4.70
Wick	46.1	36.1	41.4	39.8	2.93
Nairn	45.3	35.7	39.8	38.2	2.29
Aberdeen	46.2	36.5	40.5	38.7	3.14
Leith	48.1	37.0	41.7	40.0	2.20
Shields	47.3	37.9	42.1	40.5	2.61
Spurn Head.....	46.8	40.2	43.2	41.9	2.40
York	47.5	36.4	40.6	39.3	2.19
Loughborough	48.0	36.6	40.5	39.3	2.24
Ardrossan	47.8	39.1	43.1	41.3	3.88
Mullaghmore	49.6	41.2	45.1	43.1	4.48
Donaghadee.....	48.3	39.2	43.2	42.0	3.20
Holyhead.....	49.7	42.9	45.8	44.0	3.88
Liverpool	47.8	39.6	43.6	40.7	2.96
Parsonstown	49.1	37.1	41.9	40.2	2.83
Valencia	52.3	43.0	47.4	45.5	5.42
Roche's Point.....	51.1	42.0	46.1	44.5	4.62
Pembroke.....	50.1	43.8	46.9	45.1	4.04
Scilly	52.4	46.7	50.0	48.0	3.72
Prawle Point	51.1	41.9	46.2	44.7	3.40
Jersey	51.9	44.1	47.7	45.8	4.30
Hurst Castle	50.5	40.6	44.9	44.0	3.01
Dover	49.3	40.6	44.3	42.8	3.48
LONDON	49.3	28.0	42.2	40.8	2.23
Oxford	48.2	37.6	41.2	40.0	2.31
Cambridge	48.6	35.8	40.7	39.9	2.01
Yarmouth	47.5	39.0	43.1	42.0	3.06

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 ^{and upwards} in an anticyclone of irregular form extending from the Atlantic over Spain, the south of France and the south of Ireland.
Lowest, 28.6 in a depression lying over the northwest of Norway.

Gradients slight over France and the southwest of our Islands, rather steep elsewhere.

Barometer rising in all parts of the United Kingdom—quickly in the north; falling at most of the Continental stations.

TEMPERATURE

Highest, 49° at Brest and Quent, 48° at Rockport and Lisbon, 47° at Skilly and Jersey, and 44° at Paris and the Helder.

Lowest, (1) 28° at Munich and 31° at Lyons; (2) 32° at Haparanda and 33° at Helsingfors; (3) 33° at Nain and Shields.

Frost occurred last night at most of the northern stations.

WIND

NW^{ly} in our Islands, and strong in force on many parts of our northwest, north, and east coasts.

W^{ly} or SW^{ly} over Scandinavia, Denmark, Germany, and the Netherlands, with a gale at Christiansund and the Helder.

Light from the Snd over the southern and southwestern parts of France.

WEATHER

Fine over the greater part of Ireland and England as well as in Sweden and the south of France; showery on our extreme north and northwest coasts, with snow in the north of Scotland.

Cloudy or overcast in Norway, Denmark, Germany and the Netherlands, with rain at Brussels, and sleet at Stockholm and T^{am}.

Rain fell yesterday in most parts of Western Europe, the largest amounts being 0.8 in. at Cape Gris Nez and 0.7 in. at Christiansund.

SEA

Rough off the north of Scotland and rather rough off the west of Norway, as well as on the more exposed parts of our ^{own} western coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone which has appeared to the southwestward of our Islands seems likely to move eastwards. Fine weather will probably continue for a time over England, but in the west the conditions are likely to become unsettled again shortly.

FORECASTS

For the 24 hours ending at NOON on 1st December, 1892.

DISTRICTS.

FORECASTS.

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

NW^{ly} winds, strong to moderate; some snow showers at first then fair.

Same as No 5.

W^{ly} to NW^{ly} winds, falling light; fine generally, with frost at night.

DISTRICTS.

FORECASTS.



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

NW^{ly} to W^{ly} winds, moderating; fair generally.

Wind backing to the SWnd or Snd; fine to cloudy and unsettled.

WARNINGS

The signals have all been lowered this morning.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.43	45	40	W	8	c	4	Valencia ...	30.16	47	44	WSW	6	qyp	6
Sumburgh Head	29.23	35	35	WNW	6	ohp	6	Scilly ...	30.16	49	48	NW	5	o p m	5
Stornoway ...	29.50	39	37	W	6	s	6	Jersey ...	30.24	53	51	WSW	4	0	3
Aberdeen ...	29.59	41	36	WSW	4	bc	3	Hurst Castle ...	30.10	51	51	WSW	6	o a m	4
Shields ...	29.81	46	41	WSW	4	c	2	Dungeness ...	30.05	51	51	W	6	1	5
Ardrossan ...	29.73	44	43	W	5	o	4	North Foreland ...	30.05	52	51	W	4	7	3
Malin Head ...	29.73	41	40	WNW	6	bc	5	London ...	30.05	54	52	SW	2	o g t	*
Mullaghmore ...	29.90	45	42	WNW	7	chrq	7	Yarmouth ...	30.00	45	44	W	3	c d m	3
Belmullet ...	29.94	45	41	W	6	cyp	*	Rochefort ...	30.39	41	40	SE	3	m	*
Holyhead ...	30.00	47	44	WSW	5	bc	4								

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

Weather in morning fine generally over southwestern, southern, and southeastern Europe, and temporarily clear in many parts of the British Islands, cloudy or overcast elsewhere, with rain or snow in places; very unsettled over the northwestern and northern countries generally. Rain later over all these last-named regions, snow or hail in Scotland and the north of Ireland, as well as in Russia, and heavy rain showers at Christianund and Hainsand.

Temperature highest 50° to 57° on the southern side of the Mediterranean and exceeding 50° in the southwest of Spain and on the shore of the English Channel; much lower elsewhere. Lowest (1) -5° at Hermannstadt, +5° at Odessa, 9° at Vienna, 10° at Kiev, 12° at Kharkov, 17° at Moscow, 18° at Breslau, 28° at Archangel; (2) 36° at Stornoway, and 37° to 39° over the east of Scotland; (3) ^(31° at Madrid) rising to between 50° and 55° over the south and southwest of our Islands later, but not touching 40° at Stornoway or Wick.

Wind light to moderate and very variable over all the southern countries of Europe, fresh to a gale in the northwest and north; SW¹ to NW¹ in our Islands, SW¹ on the eastern shores of the North Sea and over the Baltic, SSW to S over northern Europe. Varying somewhat over the United Kingdom later.

Barometer highest 30.7 in. and more to 30.5 in. over southeastern Europe, and exceeding 30.3 in. over nearly the whole of the southern and southwestern countries. Lowest 28.8 in. and less to 29.0 in. over the northern half of Norway and adjacent parts of the Atlantic. Gradients somewhat steep over Scotland, the North Sea, the southern part of Scandinavia and the Baltic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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 (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (0 to 12).				Max.	Min.			
1	Corunna	*	*	*	*	*	30.08	+ .35	57	53	+ 1	W	3	bc	3	*	66	43	-		
2	Corunna	*	*	*	*	*	30.02	- .06	57	55	0	S	4	r	3	*	64	45	0.04		
3	Corunna	*	*	*	*	*	29.99	- .03	61	61	+ 4	Sw	3	b	4	*	63	50	-		
5	Corunna	*	*	*	*	*	30.00	-	56	54	-	Sw	3	c	6	*	66	54	1.50		
6	Brussels	*	*	*	*	*	29.97	- .06	50	-	0	Wsw	1	0	*	0	57	50	0.04		
7	Lyons	30.06	49	SE	1	0	30.07	.00	47	-	- 4	HW	1	0	*	0	54	46	0.28		
..	Corunna	*	*	*	*	*	30.25	+ .06	48	46	- 7	Z	0	b	4	*	63	43	-		
8	Corunna	*	*	*	*	*	30.14	- .11	48	47	0	HW	1	bc	4	*	57	43	-		
10	Perpignan	30.07	55	Z	0	0	30.15	+ .12	56	-	- 3	HE	2	r	*	0	63	55	0.67		
11	Perpignan	30.14	57	Z	0	0	30.12	- .03	52	-	- 4	Z	0	c	*	0	59	50	-		
..	Corunna	*	*	*	*	*	30.07	- .01	50	47	- 4	ENE	1	b	4	*	?	45	-		
12	Corunna	*	*	*	*	*	30.02	- .05	58	53	+ 8	SE	5	b	5	*	64	50	-		
14	Corunna	*	*	*	*	*	29.81	- .14	65	57	+ 6	S	7	c	3	*	68	57	-		
15	Corunna	*	*	*	*	*	29.83	+ .02	64	58	- 1	SSE	6	c	4	*	68	57	-		
16	Corunna	*	*	*	*	*	29.79	- .04	59	57	- 5	HW	7	c	8	*	64	54	0.28		
17	Corunna	*	*	*	*	*	30.13	+ .34	50	49	- 9	N	3	bc	2	*	59	45	0.08		
18	Corunna	*	*	*	*	*	29.95	- .18	54	51	+ 4	S	6	c	4	*	59	48	-		
19	Corunna	*	*	*	*	*	29.91	- .04	55	49	+ 1	HW	6	0	6	*	59	46	0.83		
21	Corunna	*	*	*	*	*	29.99	- .01	57	49	+ 4	SSE	7	bc	4	*	59	46	-		
22	Corunna	*	*	*	*	*	29.94	- .05	58	55	+ 1	SSE	6	r	4	*	63	55	0.08		
23	Corunna	*	*	*	*	*	30.25	+ .31	53	51	- 5	SW	2	m	2	*	59	50	0.16		
24	Corunna	*	*	*	*	*	30.34	+ .09	49	46	- 4	SSE	4	b	0	*	63	45	-		
25	Corunna	*	*	*	*	*	30.27	- .07	53	51	+ 4	SSE	3	m	1	*	59	46	-		
26	Corunna	*	*	*	*	*	30.40	+ .13	58	53	+ 5	HW	4	r	3	*	59	50	0.01		
28	Skagen	30.17	40	SW	5	0	30.04	- .31	44	44	+ 15	SW	3	r	3	0	?	?	-		
..	Corunna	*	*	*	*	*	30.43	- .09	54	49	- 3	HW	3	b	2	*	?	48	-		
29	Corunna	*	*	*	*	*	30.38	- .05	44	41	- 10	HW	1	m	3	*	59	36	-		
30	Corunna	*	*	*	*	*	30.36	- .02	42	40	- 2	HW	4	b	4	*	57	37	-		

2. CORRECTIONS.

[illegible]