

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE,

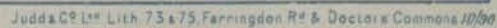
1892.

Soc. Reg. Lond.

22.2.93 .

January to June 1892.

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DAILY WEATHER REPORT

for Monday, 1st February, 1892.

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

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		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 3).	SHADE TEMP.			Amount of Rainfall.	
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).		Weather.	Max.	Min.		
		Inch.	°				Inch.											Inch.	
SCANDINAVIA.	Haparanda ...	29.12	0	NE	2	b	29.31	+4.3	-8	-8	-10	N	2	b	#	b	9	?	0.08
	Hernösand ...	29.22	0	NE	0	b	29.46	+5.4	-11	-11	-12	NE	0	b	#	b	18	-22	0.02
	Stockholm ...	29.09	31	W	4	c	29.48	+6.0	21	20	-7	NE	0	b	#	b	39	21	-
	Wisby ...	29.17	30	NE	9	b	29.51	+5.9	33	30	-4	NE	6	b	#	b	39	?	-
	Bodö ...	29.24	8	E	2	b	29.26	+4.6	7	7	-8	E	2	b	#	b	16	5	-
SCANDINAVIA.	Christiansund ...	29.36	36	NSW	8	S	29.10	+0.8	33	32	-7	E	5	S	5	S	?	32	0.20
	Skudesnaes ...	29.68	36	NE	3	c	29.14	-7.1	42	41	+5	SSE	7	?	#	c	?	37	0.16
	Christiania Fjord (Fjorder)	29.42	37	NSW	4	b	29.47	+3.5	35	34	-2	SSW	4	0	3	b	37	34	-
	Skagen (The Sea)	29.50	37	NE	5	b	29.49	+3.0	37	35	-1	NSW	4	0	2	b	38	34	-
	Fanö ...	29.80	36	W	4	b	29.54	+0.1	36	36	0	S	6	0	#	b	37	36	-
SCANDINAVIA.	Sumburgh Head	29.57	40	W	3	0	28.73	-8.7	41	41	+5	SW	3	0	5	0	41	36	0.08
	Stornoway ...	29.54	44	SW	7	0	28.55	-12.7	43	42	+6	SW	9	0	7	0	45	35	0.20
	Wick ...	29.61	43	S	4	0	28.71	-1.03	40	39	+5	S	5	0	4	0	?	34	-
	Nairn ...	29.59	42	NSW	2	0	28.76	-1.07	39	38	+2	NSW	3	0	1	0	51	36	0.12
	Aberdeen ...	29.73	42	SSW	4	0	28.86	-0.98	43	40	+4	SSW	4	0	4	0	48	39	0.02
SCANDINAVIA.	Leith ...	29.81	44	W	3	b	28.99	-9.6	39	39	0	NSW	5	?	#	b	49	36	0.10
	Shields ...	29.92	44	SSW	3	c	29.17	-7.8	45	45	+7	SSW	7	0	2	c	48	37	-
	Spurn Head ...	29.95	42	SW	3	0	29.38	-6.1	45	43	+4	SSW	4	0	5	0	46	40	-
	York ...	29.99	43	SW	1	0	29.26	-7.8	47	45	+6	S	3	0	#	0	48	40	-
	Loughborough	30.02	44	W	1	0	29.44	-6.1	46	43	+4	SW	6	0	#	0	52	41	-
BRITISH ISLANDS.	Ardrossan ...	29.77	44	SSE	3	0	28.98	-1.02	44	43	0	SSW	5	b	5	0	47	40	0.17
	Malin Head ...	29.64	46	S	5	0	28.87	-1.14	41	38	-1	SSW	7	b	4	0	46	37	0.19
	Mullaghmore ...	29.70	49	SSW	5	0	29.03	-1.02	42	38	+2	SSW	6	c	6	?	50	38	0.17
	Belmullet ...	29.66	48	SW	7	0	28.97	-1.04	44	44	-1	W	10	0	#	0	50	35	0.26
	Donaghadee ...	29.83	45	SW	4	c	29.16	-0.90	43	41	+5	NSW	6	b	4	c	46	38	0.13
BRITISH ISLANDS.	Liverpool (Bidston)	29.98	47	NS	2	c	29.27	-8.3	48	45	+7	SW	5	c	4	c	50	41	-
	Holyhead ...	29.99	45	S	4	0	29.30	-8.1	43	42	-2	NSW	5	?	5	0	48	42	0.14
	Parsonstown ...	29.85	49	SW	2	0	29.30	-8.0	39	37	-7	SW	2	c	#	0	51	38	0.17
	Valencia ...	29.90	50	SSW	7	0	29.17	-6.8	44	39	-6	SW	7	0	?	0	52	41	0.24
	Roche's Point	29.99	49	NSW	5	?	29.50	-6.6	43	42	-6	NSW	6	?	5	?	51	42	0.45
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	30.02	47	NSW	4	?	29.44	-7.1	45	45	-3	W	8	?	8	?	48	45	0.14
	Scilly ...	30.14	48	SW	5	0	29.62	-6.3	49	49	0	SW	6	?	6	?	50	47	0.01
	Prawle Point ...	30.14	48	NSW	4	?	29.64	-6.0	48	47	0	SSW	7	?	5	?	49	45	0.03
	Jersey (St. Aubin's)	30.24	48	NSW	3	0	29.84	-4.6	45	44	-4	S	5	?	5	?	49	44	0.02
	Hurst Castle ...	30.14	45	W	5	?	29.89	-4.5	46	45	0	SW	7	?	4	?	49	44	0.01
BRITISH ISLANDS.	Dungeness ...	30.12	45	W	3	?	29.72	-3.6	45	44	0	NSW	6	0	5	c	49	43	-
	North Foreland	30.12	47	NSW	3	b	29.70	-3.8	45	45	-2	NSW	4	0	3	?	49	42	0.02
	London ...	30.10	48	NSW	2	0	29.64	-4.8	46	44	-2	NSW	6	0	?	?	50	45	0.04
	Oxford ...	30.03	46	SSW	1	0	29.59	-5.2	46	43	-1	SSW	5	?	?	c	51	45	0.05
	Cambridge ...	30.01	46	W	2	c	29.59	-5.2	46	44	+2	SW	5	0	?	c	53	41	?
BRITISH ISLANDS.	Yarmouth ...	30.07	44	W	3	b	29.57	-4.4	45	43	+3	SW	5	?	4	b	47	40	-
	Cuxhaven ...	29.87	38	W	5	0	29.78	+0.3	38	38	-11	SW	5	?	#	?	49	38	-
	Berlin ...	29.98	37	NSW	7	b	30.06	+3.6	33	32	-8	SSW	2	b	#	b	45	32	-
	Wiesbaden ...	?	#	#	#	#	30.03	-0.0	39	38	-7	NE	0	?	#	?	50	34	0.08
	Munich ...	30.16	40	SW	5	b	30.14	+0.4	33	33	-6	SE	3	b	#	b	41	32	0.16
GERMANY & HOLLAND.	The Helder ...	30.08	39	W	1	b	29.67	-4.1	41	41	-	SW	4	0	?	b	43	37	-
	Brussels (9 a.m.)	?	#	#	#	#	29.85	-2.4	44	42	-1	SW	5	0	#	b	48	38	0.12
	Cape Gris Nez	30.13	46	SSW	3	?	29.82	-2.6	43	42	-3	SW	6	0	6	?	48	39	0.04
	Paris ...	30.26	48	SW	2	0	30.01	-2.6	43	41	-2	SSW	4	0	#	0	50	42	-
	Brest ...	?	48	W	2	0	?	?	49	47	+1	SW	5	c	5	0	50	45	-
FRANCE AND BELGIUM.	Lorient ...	30.27	48	W	2	0	29.92	-4.4	47	46	-1	SSW	4	0	5	0	48	43	-
	Rochefort ...	30.33	46	NSW	3	0	30.06	-3.7	40	40	-7	SSE	3	0	#	0	48	39	-
	Belfort ...	?	36	W	2	b	?	?	37	30	-	W	2	b	#	b	36	34	-
	Lyons ...	30.34	45	N	1	b	30.18	+2.9	36	36	+7	W	1	0	#	b	50	34	-
	Nice ...	30.13	46	NE	0	c	30.15	-0.9	42	40	+1	ENE	2	c	2	c	54	39	-
FRANCE AND BELGIUM.	Perpignan ...	30.23	58	NE	1	b	30.10	-2.7	36	33	-14	NE	1	c	#	b	67	34	-
	Biarritz ...	30.32	42	E	3	b	30.02	-4.5	45	42	-1	NE	0	0	2	b	46	32	-
	Corunna ...	?	#	#	#	#	?	?	?	?	?	?	?	?	?	?	?	?	-
	Lisbon ...	30.23	57	NSW	2	0	30.19	-1.3	47	47	-1	NE	2	?	#	?	63	46	-

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Monday, 1st February, 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.

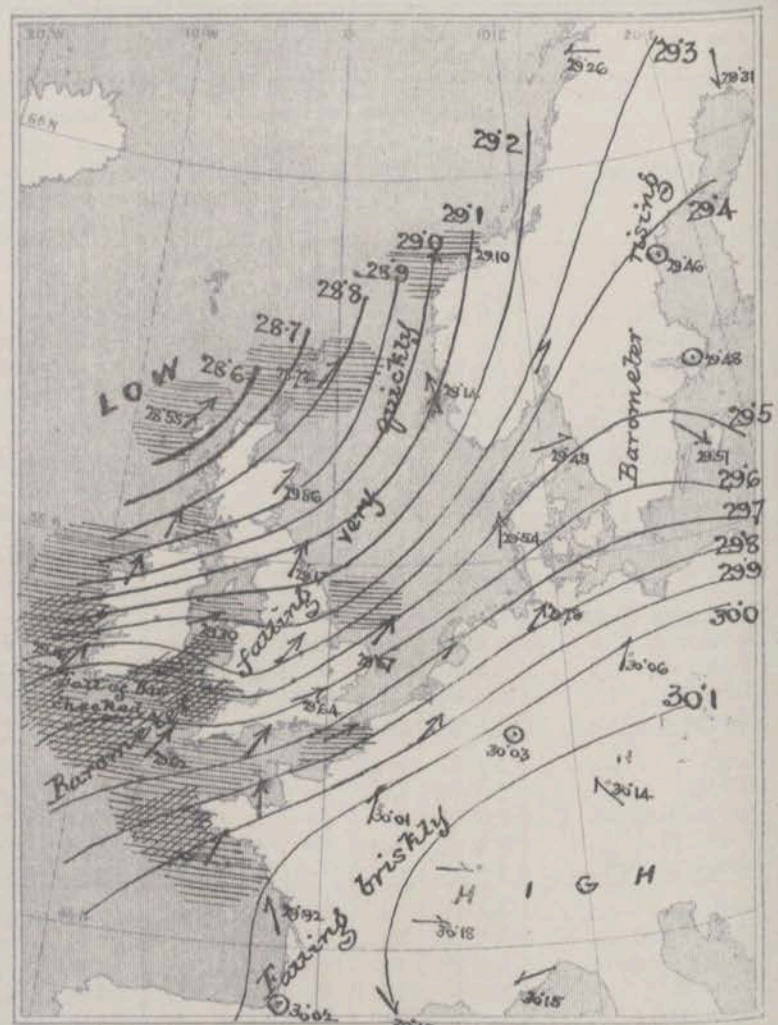
MEAN HEIGHT OF THE BAROMETER

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

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.770
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.949
Roche's Point	29.946
Pembroke	29.937
Scilly	29.959
Prawle Point	29.992
Jersey	30.007
Hurst Castle	29.986
Dover	29.983
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

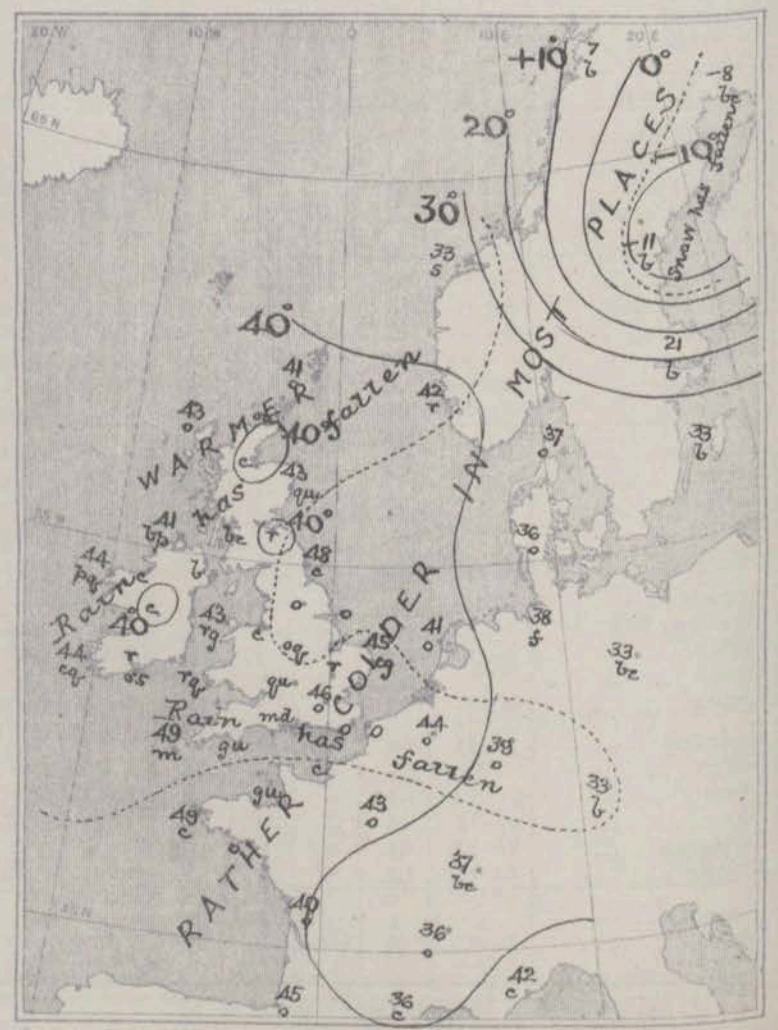
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches).
	Max.	Min.	Mean.	Wet.	
Sumburgh Head	42.1	31.5	34.5	57.1	5.19
Stornoway	45.5	34.5	39.4	48.1	3.86
Wick	43.1	33.2	38.1	56.7	3.04
Nairn	42.4	33.4	37.1	55.4	1.15
Aberdeen	43.2	33.8	37.3	55.7	2.35
Leith	45.7	34.3	38.6	57.1	1.45
Shields	43.8	35.1	38.6	57.3	1.50
Spurn Head	42.3	35.0	38.4	57.0	1.36
York	44.0	33.0	37.5	58.4	1.70
Loughborough	45.3	33.9	37.5	56.4	1.78
Ardrossan	44.6	35.3	39.4	58.2	3.04
Mullaghmore	46.6	38.0	42.0	49.3	3.69
Donaghadee	45.5	36.9	40.3	39.4	2.42
Holyhead	45.3	38.7	41.5	40.1	2.60
Liverpool	44.5	37.2	38.9	37.3	1.69
Parsonstown	46.9	37.6	39.4	58.1	2.20
Valencia	49.7	49.7	44.0	42.9	1.93
Roche's Point	48.4	33.6	43.1	44.6	4.43
Pembroke	45.3	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.92
Jersey	46.9	39.2	42.3	41.0	2.65
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	4.95
LONDON	45.8	35.1	38.0	37.4	1.73
Oxford	45.0	34.0	37.9	36.8	1.92
Cambridge	45.3	32.8	37.3	36.2	1.46
Yarmouth	42.5	34.0	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and upwards to 29.8 in: over Spain, France, and Germany.

Lowest, 28.6 in: and less, off the extreme northwest of Scotland.

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

Barometer fallen more than an inch since yesterday on our northwest coast, and as much as 0.6 in: at Sully, 0.4 in: at Rochfort, and 0.3 in: in the Straits of Dover. At Valencia the fall (0.7 in:) was much checked at time of observation.

TEMPERATURE

Highest, 49° at Sully, and Brest, 48° at Liverpool and Shields, and above 45° at most stations in England and Ireland.

Lowest, -11° F. at Helsingfors, -8° at Haparanda, +21° at Stockholm, 33° at Berlin and Munich, 38° at Copenhagen.

It is still high generally for the time of year, but not as high in Scotland as it was at the end of last week.

WIND

SW² over the British Islands generally and strong to a gale in force. It is more S² over the North Sea and west of France, but less strong in force; while in Norway it is SE² to E² and moderate.

A severe gale from SW. was felt at Belmullet during the night, and a strong gale is now blowing at Stromness.

WEATHER

Clear and bright over Sweden, the Baltic, and Germany. Cloudy or overcast elsewhere, very squally and unsettled in our Islands with rain in several places.

Rain has fallen except in the northeast and over France, but the amounts measured are not large (largest 0.45 in: at Valencia 1 P.).

SEA

Very high on our southwestern coasts and in the Minch, rough on all exposed parts of our other coasts, moderate in the northeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is of a very unsettled type, but at present there is no indication of any fresh "minimum" advancing towards Ireland from the Atlantic.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 0 SCOTLAND NORTH	SW ² winds, strong, a gale at times; squally, showery.	4 6 SCOTLAND WEST	SW ² and S ² gales and strong winds; very unsettled and squally with rain.
1 1 SCOTLAND EAST	SW ² winds, strong; squally, some showers.	4 7 ENGLAND N.W.	
2 ENGLAND N.E.		4 8 ENGLAND S.W.	
3 ENGLAND EAST	Same as No 5	4 9 IRELAND NORTH	
4 MIDLAND COUNTIES	SW ² winds, fresh or strong; some showers.	4 10 IRELAND SOUTH	
5 ENGLAND SOUTH	SW ² winds, very strong; gusty, changeable, some showers.		
		WARNINGS	The SOUTH CONE was hoisted yesterday 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.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.58	39	36	...	q	c	5	Valencia ...	...	...	...	...	...	...	...
Sumburgh Head ...	...	...	...	...	...	...	...	Scilly ...	...	...	...	...	...	...	...
Stornoway ...	29.74	45	44	W	h	o	4	Jersey ...	30.29	49	48	W	h	o	4
Aberdeen ...	...	...	...	...	...	...	...	Hurst Castle ...	...	...	...	...	...	...	...
Shields ...	...	...	...	...	...	...	...	Dungeneas ...	30.14	47	47	W	3	c	2
Ardrossan ...	...	...	...	...	...	...	...	North Foreland ...	30.10	49	47	WNW	3	6	3
Malin Head ...	29.87	44	43	S	h	o	3	London ...	...	...	...	...	...	...	...
Mullaghmore ...	...	...	...	...	...	...	...	Yarmouth ...	...	...	...	...	...	...	...
Behmullet ...	29.86	44	47	WSW	h	o	4	Rochefort ...	30.34	47	47	WSW	h	o	4
Holyhead ...	30.09	47	45	SSW	2	09	2								

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

Weather fine in nearly all the more northern and central parts of the United Kingdom as well as Sweden, Denmark, Spain, Algeria and the south of France. Dull elsewhere with mist and rain in the south of England, rain in Belgium and west and south Germany and snow over northern and central Russia. Improvement taking place later over our southern countries but dull unsettled weather settling in over the western and northern parts of the United Kingdom, with rain at night.

Temperature highest 54° at Aports, 55° at Barcelona, Algiers and Malta, 54° at Nemours and La Caille, and 53° at Sangharais, above 50° at most of the Mediterranean stations and very little below that point over the south of our Islands and the west of France. Lowest 1° at Archangel, 2° at Haparanda, 3° at Hernösand, 15° at Bodo and Ålesborg, and 19° at Kuopio; below the freezing point over nearly the whole of Sweden and Russia, and below 40° in the north of our Islands. Rising during day to between 50° and 54° in the southeast of England, to 63° at Lisbon, and to 67° at Perpignan. Rises taking place over Scotland at night.

Wind light or moderate from the Wnd over the greater parts of our Islands and France. Strong from the same quarter or from NW. over Norway, Denmark, the Baltic and the whole of southern and eastern Europe. Light from between E. and N. over the northern part of Russia and Scandinavia. Somewhat variable in Italy, but chiefly SW^{ly}, 5° in Algeria, E^{ly} (SE to NE) over the Peninsula. Subsequently backing to the S^W or SW^{ly} in all the Nth and Wth parts of the United Kingdom and increasing to a gale in Ireland and the west of Scotland.

Barometer highest 30.46 ins. and upwards in a large anticyclone embracing a considerable part of France and Spain extending to Algeria. Lowest 28.6 ins. and less in a well marked depression lying over central Russia, 28.8 ins. and less in another disturbance lying off the northwest of Norway. New depressions advancing later to our western west coasts, and barometer falling quickly in all the western and northern part of the United Kingdom.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 24TH TO 30TH JAN. 1832.

The mild showery weather which set in over the extreme western and northern parts of our Islands at the close of last week, has been spreading eastwards and southwards during the period now under notice. The change, though decided came on very unsteadily over England, but in the end the result was that strong W^{ly} winds and unusually high temperatures became prevalent all over the Kingdom, as well as in Norway and on the eastern shores of the North Sea. On Friday morning the shade temperature at the British and Irish stations was in a majority of cases above 50°, and during the day maxima were recorded as high as 58° at Aberdeen, 56° at Roches Point, 55° at Donaghadee, and 53° in London. The air was soft and somewhat humid, but the rainfall was slight at most of the English stations and not heavy anywhere. In the east of Scotland floods were reported, due not so much to rainfall in the week as to the melting of the heavy snow which had fallen earlier in the month.

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.
The evening observations are taken at 8 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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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 TUESDAY 2ND FEBRUARY. 1892.

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	Inch.	°				Inch.	°	°	°								Inch.		
SCANDINAVIA.	Haparanda ...	29.34	-1	2	0	29.02	-29	-1	-1	+7	NNE	2	0	4	6	-1	—		
	Hernösand ...	29.15	18	N	4	29.00	-16	16	16	+2.3	N	2	0	4	18	-1	0.01		
	Stockholm ...	29.09	33	S	2	29.02	-66	35	35	+16	SW	4	0	4	35	15	0.04		
	Visby ...	29.23	36	S	6	29.01	-50	36	36	+6	SW	8	0	4	36	26	0.04		
	Bodo ...	29.01	18	E	2	29.00	-56	18	16	+11	E	4	0	2	18	7	—		
SCANDINAVIA.	Christiansund...	29.47	39	ENE	7	29.34	-76	40	40	+1	ENE	2	0	4	41	?	0.16		
	Skudesnaes ...	29.53	42	SW	7	29.61	-53	41	39	-1	SW	7	0	7	43	39	0.55		
	Christiania Fjord (Færder)	29.81	41	S	7	29.69	-73	39	37	+3	SW	7	0	7	39	?	—		
	Skagen (The Seaw)	29.88	39	SW	7	29.82	-6	39	34	0	W	6	0	4	39	36	0.12		
	Fanø ...	29.09	38	SW	6	29.04	-50	35	34	-1	SW	6	0	4	35	35	0.12		
BRITISH ISLANDS.	Sumburgh Head	29.02	43	SW	8	29.44	-25	38	36	-3	W	6	0	6	43	38	0.21		
	Stornoway ...	29.57	41	W	7	29.54	-01	34	34	-8	W	7	0	6	44	32	0.20		
	Wick ...	29.37	38	SW	7	29.57	-14	32	31	-8	W	2	6	2	44	24	0.20		
	Nairn ...	29.53	42	W	6	29.68	-08	31	31	-8	W	2	6	2	44	30	0.10		
	Aberdeen ...	29.63	43	W	6	29.72	-14	32	28	-11	W	3	6	4	44	32	—		
BRITISH ISLANDS.	Leith ...	29.82	40	W	6	29.84	-15	33	32	-6	W	4	0	4	44	31	0.01		
	Shields ...	29.85	41	W	5	29.87	-28	34	31	-14	W	4	6	2	44	31	0.02		
	Spurn Head ...	29.15	42	W	7	29.05	-33	33	35	-8	W	6	6	5	46	33	0.05		
	York ...	29.11	40	SW	7	29.02	-22	34	33	-13	W	4	6	4	49	31	0.09		
	Loughborough	29.25	42	W	6	29.18	-26	35	32	-11	W	5	6	4	48	35	0.07		
BRITISH ISLANDS.	Ardrossan ...	29.93	42	W	5	29.88	-10	33	35	-7	W	6	0	6	45	34	0.01		
	Malin Head ...	29.93	38	W	6	29.81	+04	36	34	-5	W	7	0	6	43	32	0.15		
	Mullaghmore ...	29.09	41	W	7	29.15	+12	40	36	-2	W	8	0	7	44	34	0.42		
	Belmullet ...	29.13	40	W	8	29.22	+25	42	37	-2	W	8	0	7	44	38	0.55		
	Donaghadee ...	29.08	38	W	6	29.08	-08	33	32	-10	W	4	0	6	43	30	0.15		
BRITISH ISLANDS.	Liverpool (Bidston)	29.21	40	W	6	29.18	-14	36	34	-12	W	7	0	6	45	35	0.01		
	Holyhead ...	29.24	42	W	6	29.22	-08	33	35	-6	W	7	0	6	45	36	0.05		
	Parsonstown ...	29.28	36	SW	2	29.32	+02	34	38	-5	SW	2	0	6	42	33	0.28		
	Valencia ...	29.43	42	W	5	29.48	+01	43	40	-1	W	6	0	6	45	38	0.25		
	Roche's Point	29.48	38	W	5	29.44	-06	39	39	-4	W	5	0	4	46	34	0.40		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.38	43	W	7	29.30	-05	41	39	-4	W	7	0	7	45	35	0.12		
	Scilly ...	29.57	45	W	7	29.60	-02	42	40	-7	W	7	0	7	49	38	0.18		
	Prawle Point ...	29.53	42	W	6	29.57	-07	38	35	-10	W	5	0	7	47	34	0.21		
	Jersey (St. Aubin's)	29.65	45	W	4	29.57	-27	42	38	-3	W	5	0	7	45	39	0.26		
	Hurst Castle ...	29.51	43	W	7	29.45	-24	38	36	-8	W	6	0	7	47	36	0.03		
BRITISH ISLANDS.	Dungeness ...	29.45	44	W	6	29.32	-40	40	39	-5	W	6	0	7	46	39	0.02		
	North Foreland	29.38	43	W	4	29.24	-46	40	39	-5	W	6	0	7	46	37	0.05		
	London ...	29.43	41	W	4	29.38	-31	39	34	-9	W	6	0	7	48	36	0.11		
	Oxford ...	29.40	39	SW	3	29.33	-26	35	32	-11	W	4	0	7	48	35	0.03		
	Cambridge ...	29.25	41	SW	4	29.24	-35	36	33	-10	SW	4	0	7	50	33	0.02		
BRITISH ISLANDS.	Yarmouth ...	29.31	43	W	5	29.18	-44	39	35	-8	W	6	0	7	47	34	0.01		
	Cuxhaven ...	29.44	41	SW	6	29.47	-51	38	37	0	SW	4	0	7	43	36	—		
	Berlin ...	29.53	41	SW	3	29.58	-68	41	40	+8	SW	3	0	7	45	?	—		
	Wiesbaden ...	29.58	38	SW	2	29.50	-53	41	39	+2	SW	4	0	7	45	39	—		
	Munich ...	29.78	38	SW	2	29.50	-53	36	35	+3	SW	4	0	7	50	38	—		
BRITISH ISLANDS.	The Helder ...	29.32	41	SW	4	29.18	-49	39	37	-2	SW	4	0	7	43	39	—		
	Brussels (S.A.M.)	29.38	41	SW	3	29.38	-49	39	35	-7	SW	6	0	7	46	36	—		
	Cape Gris Nez	29.44	44	W	6	29.29	-53	41	39	-2	W	7	0	7	46	36	0.04		
	Paris ...	29.67	46	SW	3	29.58	-49	35	34	-8	W	2	0	7	46	35	—		
	Brest ...	29.74	46	W	5	29.66	-26	42	39	-7	W	5	0	7	50	37	0.04		
FRANCE AND BELGIUM.	Lorient ...	29.74	46	W	5	29.66	-26	42	39	-7	W	5	0	7	50	37	0.04		
	Rochefort ...	29.80	47	W	5	29.74	-32	44	41	+4	W	5	0	7	50	41	0.12		
	Belfort ...	29.85	47	W	1	29.74	-32	44	41	+4	W	3	0	7	50	32	—		
	Lyons ...	29.85	47	W	1	29.74	-32	44	41	+4	W	3	0	7	50	32	—		
	Nice ...	29.87	48	W	2	29.81	-34	40	39	-2	W	2	0	7	52	30	0.20		
FRANCE AND BELGIUM.	Perpignan ...	29.87	48	W	2	29.81	-34	40	39	-2	W	2	0	7	52	30	—		
	Perpignan ...	29.87	48	W	2	29.81	-34	40	39	-2	W	2	0	7	52	30	—		
	Biarritz ...	29.87	48	W	2	29.81	-34	40	39	-2	W	2	0	7	52	30	—		
	Corunna ...	29.87	48	W	2	29.81	-34	40	39	-2	W	2	0	7	52	30	—		
	Lisbon ...	29.87	48	W	2	29.81	-34	40	39	-2	W	2	0	7	52	30	—		

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Tuesday 2nd Feb^y 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.

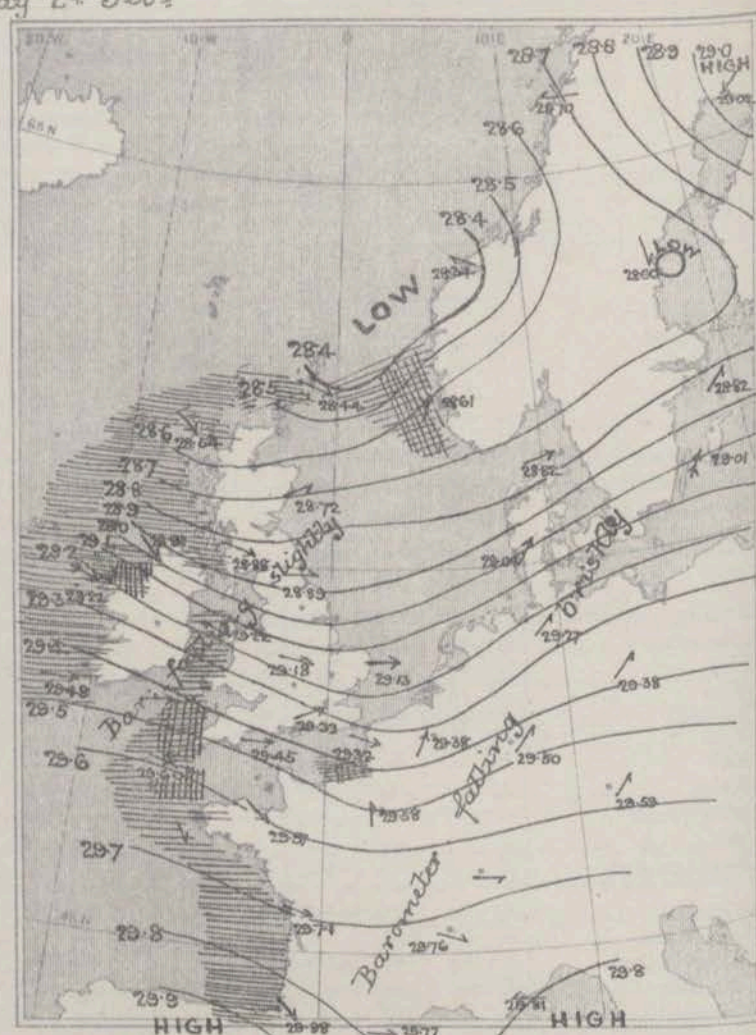
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough, ▩ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS*
Sumburgh Head	29.775
Noroway	29.775
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.889
Spurn Head	29.934
York	29.939
Loughborough	29.953
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Rocha's Point	29.916
Pembroke	29.937
Selly	29.950
Frawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.983
LONDON	29.989
Oxford	29.985
Cambridge	29.970
Yarmouth	29.964



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.

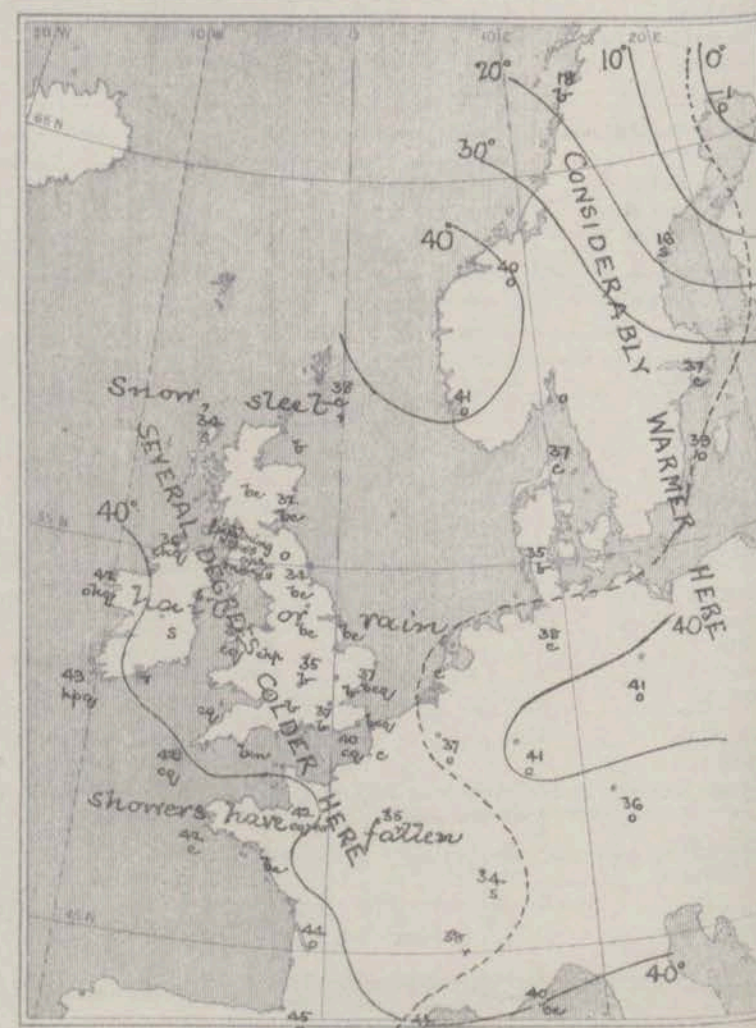
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Max.	Min.	Day.	Night.	
Sumburgh Head	42.4	31.5	38.5	37.1	3.19
Noroway	43.5	34.5	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.18
Aberdeen	43.2	33.8	37.4	35.7	2.35
Leith	43.7	31.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.1	37.6	1.36
York	44.6	35.9	37.5	36.4	1.70
Loughborough	45.2	35.9	37.5	36.4	1.78
Ardrossan	44.6	35.5	37.4	36.2	3.04
Mullaghmore	45.6	35.9	42.0	40.3	3.69
Donaghadee	45.5	35.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	39.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	49.7	44.6	42.9	4.95
Rocha's Point	48.4	39.6	45.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Selly	48.9	42.8	46.0	44.4	2.71
Frawle Point	45.8	38.1	41.5	40.5	2.02
Jersey	46.0	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	35.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.9	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	31.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards over the southern part of the Spanish Peninsula.
Lowest 28.00 ins. and less in a depression lying to the northward of the ^{the} Shetlands, 28.6 ins. and less in a small secondary system lying near Hemsöand.

TEMPERATURE

Gradients rather steep over the whole of northwestern Europe.
Barometer falling generally - slightly in our Islands, but briskly at many of the Continental stations.
Highest 50° at Lisbon, 45° at Biarritz, 44° at Rochefort, 43° at Valencia Island, and 42° at Bismarck, Scilly, Jersey & Brest.
Lowest -15° at Naparanda, 46° at Hemsöand, 18° at Bodö, 31° at Nuin, and 32° at Wick and Aberdeen.
Since yesterday morning a considerable fall has taken place over St. Britain, and a less decided fall in Ireland.

WIND

Strong from the Wnd over the greater part of our Islands, but NWnd on our extreme northwest coasts, as well as in the west of France.
Moderate from the SWnd over Germany and the Netherlands & strong from the same quarter over Denmark & the E. of Scandinavia.
Light or moderate from the End over the northern parts of Scandinavia.

WEATHER

Fine at present in the eastern and southern parts of Great Britain, but showery, with hail and snow, in Ireland and the west of Scotland.
Dark at most of the Continental stations, with rain over central France, and with snow at Hemsöand and Gelfort.
Rain hail or sleet fell yesterday in nearly all parts of W. Europe. Lightning was seen at Andorra early this morning.

SEA

Very high at Cape Gris Nez, high off the south-west of England, as well as at Mullaghmore, and rough on most other parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A small secondary depression is now advancing over Scotland from the north-westward so that rough weather is likely to continue generally, with gales on many parts of our coasts and with snow in places.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

Wnd to NWnd winds, increasing in force, squally, some snow.

Same as No. 5.

Wnd winds, strong a gale in places, fair to squally, with some hail or sleet.

DISTRICTS.

FORECASTS.

- 1 SCOTLAND WEST
- 2 ENGLAND N.W.
- 3 ENGLAND S.W.
- 4 IRELAND NORTH
- 5 IRELAND SOUTH

NWnd strong winds and gales, squally, some snow.

Wnd to NWnd winds, strong, a gale in places, squally, some cold showers.

Same as Nos 6 and 7

Same as No. 8.

WARNINGS

At 7.30 pm yesterday to districts 2, 3, 5 and part of 1. Hail & Cone. The signals are now flying 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.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.80	43	42	S	1	7	5	Valencia ...	29.49	41	39	WNW	6	oof	6
Sumburgh Head ...	29.31	41	40	S	5	7	6	Scilly ...	29.61	47	44	WNW	6	oof	4
Stornoway ...	29.45	44	43	SW	1	0	7	Jersey ...	29.66	46	45	W	5	oof	4
Aberdeen ...	29.63	41	38	SWW	1	0	7	Hurst Castle ...	29.52	44	43	WSW	7	oof	6
Shields ...	29.55	43	40	SW	7	0	2	Dungeness ...	29.45	46	44	WSW	1	0	5
Ardrossan ...	29.74	44	43	W	7	0	6	North Foreland ...	29.45	46	45	WSW	6	0	4
Malin Head ...	29.86	42	39	WNW	1	0	5	London ...	29.45	45	42	W	5	0	4
Mullaghmore ...	29.12	43	38	W	1	0	7	Yarmouth ...	29.33	47	46	SW	6	oof	4
Belmullet ...	29.15	41	38	WNW	1	0	7	Rochefort ...	29.08	46	44	SE	3	oof	4
Holyhead ...	29.20	42	40	WNW	1	0	7								

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

Weather in morning fine generally over Lapland, Sweden, the Baltic, central and southern Europe, dull and somewhat unsettled over Russia, dull squally and very unsettled over the British Islands and their neighbourhood. Rain throughout our Islands, Scandinavia and Denmark later and in many parts of France, but not in large quantity; hail and sleet at several of our own stations lightning at Skudesnaes. Amount of cloud varying greatly during day.

Temperature fallen rapidly over Russia and central Europe, changing rather irregularly over our Islands, but above average for time of year over northwestern Europe. Morning reading exceeding 55° on southern side of Mediterranean, and exceeding 40° over the greater part of France and the British Islands, above the freezing point over central Europe, but as low as -17° at Archangel, -11° at Hernösand, -8° at Haparanda, +3° at Moscow, 14° at St Petersburg and Hangö. Rising to 59° in the south of France later and to 50° at Cambridge, exceeding 45° but not touching 50° at our other stations.

Wind (1) NW² over the Baltic, eastern Prussia and Poland, W² over southern Russia, (2) SW² over the British Islands, the English Channel and the Netherlands, strong to a gale in force, and more S² both over the Bay of Biscay and in Denmark, SE² to E² in Norway; (3) light and variable over the central parts of France, eastern Germany and the Mediterranean; (4) NE² to E² over the Spanish Peninsula. Not much change later.

Barometer highest 30.2 ins. and more to 30.0 ins. over Algeria, the Mediterranean and all the major part of France, south Germany and Austria. Lowest about 29.2 ins. over the northeast of Russia, and below 28 ins. in a large depression, the centre of which had reached our extreme northwestern coasts during the night. Gradients very steep over the northwestern half of Ireland. Changing very fitfully in our Islands later and falling to 28.0 ins. at Sumburgh Head by 6 p.m.

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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Wednesday, 3rd February, 1892.

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

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

STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (10 to 12).	Shade Temp.			Amount of Rainfall.		
Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (10 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (10 to 12).	Weather.	Max.	Min.							
Inch.	°			Inch.	"	"	"	"							Inch.					
SCANDINAVIA.	Haparanda ...	28.64	18	N	4	0	28.72	-30	8	8	+9	2	0	S	#	0	19	-20	0.28	
	Hernösand ...	28.71	14	Z	0	S	28.84	+24	9	9	-7	2	0	C	#	S	19	9	0.12	
	Stockholm ...	28.91	32	SSW	2	b	28.91	+09	8	31	-5	SW	4	C	#	b	39	30	-	
	Wisby ...	29.05	36	SSW	6	0	29.04	+03	34	33	-5	SSW	4	S	#	0	39	34	-	
	Bodö ...	28.64	18	E	2	0	28.67	-03	16	14	-2	E	2	O	1	0	19	14	-	
	Christiansund...	28.67	33	ESE	2	S	28.92	+55	31	30	-9	NW	4	C	4	S	40	30	0.08	
	Skudesnaes ...	28.72	39	WSW	3	bc	28.87	+26	37	30	-4	ESE	4	O	4	bc	43	37	0.04	
	Christiania Fjord (Færder)	28.76	36	WSW	3	0	28.88	+19	32	31	-6	W	2	C	4	0	38	32	-	
	Skagen (The Scaw)	28.82	35	WSW	3	0	28.89	+07	32	31	-5	WSW	2	C	1	0	37	30	-	
	Fanö ...	28.92	32	WSW	2	S	28.90	-14	33	33	-2	S	2	ospl	#	S	37	32	0.12	
BRITISH ISLANDS.	Sumburgh Head	28.64	36	NNE	3	T	29.04	+60	35	33	-3	NNE	4	O	5	T	40	34	0.14	
	Stornoway ...	28.84	40	N	8	0	29.29	+75	34	34	0	N	7	S	6	bo	43	31	0.08	
	Wick ...	28.71	36	S	1	0	29.12	+55	36	35	+4	NW	2	C	2	osp	?	32	0.09	
	Nairn ...	28.76	38	WNW	3	C	29.17	+49	35	35	+4	WNW	3	b	2	C	39	29	0.02	
	Aberdeen ...	28.69	33	NW	5	bq	29.12	+40	35	33	+3	NW	5	cqphs	4	gsq	38	32	0.05	
	Leith ...	28.65	40	SW	4	bc	29.21	+37	38	35	+5	W	4	om	#	bc	41	31	0.01	
	Shields ...	28.73	38	W	5	bc	29.12	+48	36	32	+1	WNW	3	C	2	CT	40	31	0.03	
	Spurn Head ...	28.95	36	SW	5	0	29.13	+08	39	36	+2	WNW	6	C	5	spr	40	35	0.04	
	York ...	28.84	39	W	5	bc	29.19	+13	37	35	+3	WNW	1	b	#	bc	41	33	-	
	Loughborough	29.09	36	W	6	S	29.17	+01	38	36	+3	WNW	3	C	#	sp	42	34	0.08	
GERMANY & HOLLAND.	Ardrossan ...	28.78	43	W	4	C	29.26	+38	38	37	+1	NW	3	b	2	C	43	34	0.07	
	Malin Head ...	28.91	41	NW	7	ogp	29.34	+43	38	37	+2	WNW	5	bchp	4	ogp	42	36	0.03	
	Mullaghmore ...	29.15	43	WNW	8	ogp	29.41	+26	41	38	+1	WNW	5	bcq	#	cgrh	43	35	0.19	
	Belmullet ...	29.27	42	WNW	7	0	29.49	+27	40	39	-2	N	4	b	#	0	43	38	0.20	
	Donaghadee ...	28.94	38	WNW	7	0	29.30	+22	37	36	+4	N	4	b	3	0	39	33	0.11	
	Liverpool (Bidston)	29.00	39	WSW	8	0	29.27	+14	40	38	+4	WNW	5	C	4	2h	42	32	0.15	
	Holyhead ...	29.11	40	W	6	Cq	29.31	+09	41	39	+4	NW	5	b	4	Cq	43	34	0.02	
	Parsonstown ...	29.27	37	Z	0	bc	29.48	+16	36	35	+2	Z	0	b	#	bc	40	33	0.23	
	Valencia ...	29.42	42	WNW	4	cp	29.56	+08	44	41	+1	NW	2	bo	3	qhp	46	39	0.15	
	Roche's Point	29.35	40	WNW	5	b	29.69	+05	41	39	+2	W	4	b	4	qb	45	37	-	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.25	42	W	6	bc	29.38	-01	43	41	+2	WNW	6	C	6	bc	43	36	0.03	
	Scilly ...	29.38	44	W	4	cp	29.47	-13	46	43	+4	NW	5	O	6	hpq	46	38	0.09	
	Prawle Point ...	29.34	42	W	6	C	29.42	-15	40	39	+2	NW	4	rq	3	Thq	43	35	0.16	
	Jersey (St. Aubin's)	29.47	41	WSW	4	ogm	29.42	-15	45	41	+3	WNW	6	empq	5	qht	48	39	0.34	
	Hurst Castle ...	29.31	41	W	6	b	29.30	-15	40	39	+2	WNW	5	bcw	4	cqp	45	37	0.02	
	Dungeness ...	29.26	41	WNW	6	C	29.22	-10	38	37	-2	WNW	4	bc	3	qtc	44	37	-	
	North Foreland	29.20	38	W	4	b	29.19	-05	39	39	-1	W	4	C	3	qtb	43	30	0.04	
	London ...	29.23	37	W	3	bc	29.13	-10	38	36	+1	W	2	bc	#	b, r, spb	44	34	0.11	
	Oxford ...	29.20	35	WSW	3	b	29.26	-07	38	36	+3	W	3	C	#	rspb	41	34	0.12	
	Cambridge ...	29.20	39	SW	3	0	29.21	-03	38	37	+2	W	1	O	#	0	42	34	-	
PENINSULA.	Yarmouth ...	29.12	37	WSW	5	C	29.12	-01	38	37	+1	WNW	4	cqm	4	bc	40	33	0.02	
	Cuxhaven ...	29.13	36	WSW	5	0	29.01	-26	36	36	-2	SSW	4	S	#	0	40	34	0.08	
	Berlin ...	29.33	39	W	3	C	29.23	-15	36	33	-5	WSW	4	C	#	C	50	34	-	
	Wiesbaden ...	#	#	#	#	#	29.26	-24	37	36	-4	SW	3	O	#	#	43	34	-	
	Munich ...	29.57	34	W	3	0	29.36	-23	31	31	-5	S	3	O	#	0	46	30	0.04	
	The Helder ...	29.09	39	SW	4	C	28.97	-21	40	38	+1	W	4	O	#	C	41	37	0.08	
	Brussels (9 a.m.)	#	#	#	#	#	29.18	-20	36	35	-1	SW	5	O	#	S	42	32	0.28	
	Cape Gris Nez	29.27	41	W	7	bc	29.19	-10	40	39	-1	W	6	bc	7	bc	45	36	-	
	Paris ...	29.54	39	SW	3	C	29.35	-23	36	35	+1	SW	2	b	#	C	45	34	-	
	Brest ...	?	42	W	5	T	?	?	46	42	+4	NW	4	O	5	T	48	39	0.43	
FRANCE AND BELGIUM.	Lorient ...	29.35	44	WSW	6	0	29.52	-14	44	41	+3	WNW	3	O	5	0	46	39	0.35	
	Rochefort ...	29.75	46	WNW	5	C	29.56	-18	44	42	0	NW	5	O	#	0	50	39	0.51	
	Belfort ...	?	35	W	2	bc	?	?	39	38	-1	W	2	S	#	bc	40	28	-	
	Lyons ...	29.71	37	N	2	0	29.45	-31	31	30	-7	E	1	C	#	0	41	30	0.04	
	Nice ...	29.49	43	E	1	C	29.33	-48	39	33	-1	NE	3	C	3	C	50	36	-	
	Perpignan ...	29.73	45	NW	6	0	29.44	-33	34	34	-7	WSW	2	T	#	0	48	34	0.24	
	Biarritz ...	29.91	49	WNW	5	0	29.66	-22	52	47	+7	WNW	6	O	7	0	54	37	0.63	
	Corunna ...	#	#	#	#	#	?	?	?	?	?	?	?	?	?	?	?	?	-	
	Lisbon ...	30.32	50	WNW	3	C	30.25	+03	53	52	+3	WNW	5	C	#	C	55	50	-	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY 3rd February, 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

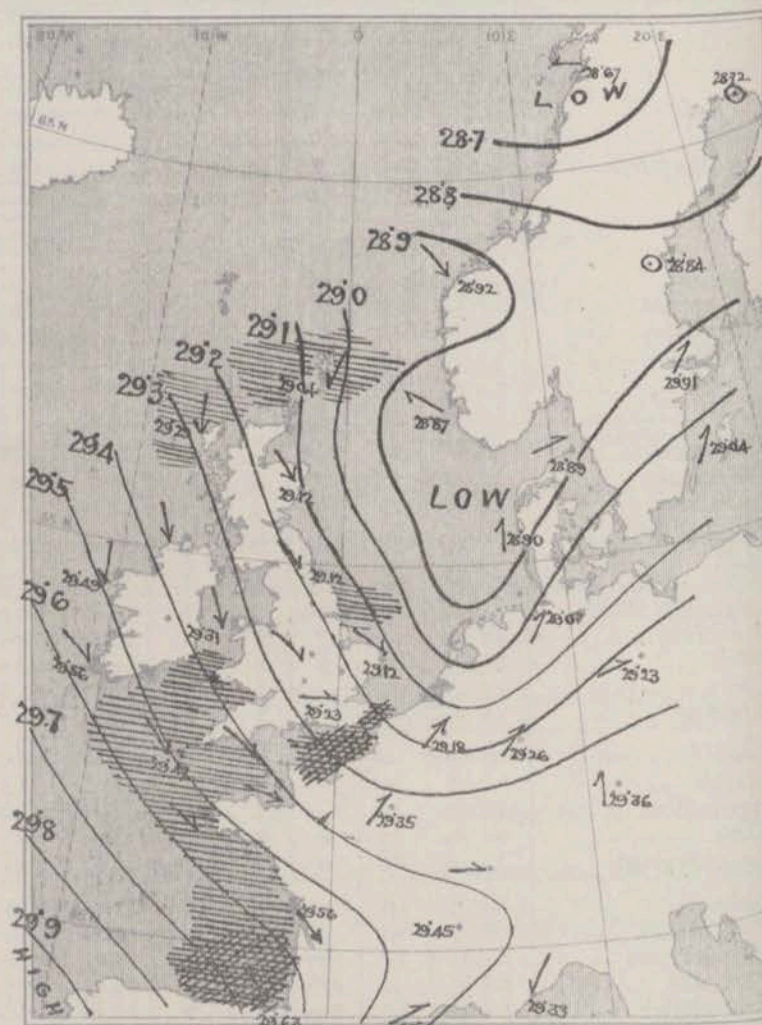
at 8.0 a.m. for the month of February

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sunburch Head	29.775
Stornoway	29.773
Wick	29.504
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.903
Spurn Head	29.933
York	29.959
Loughborough	29.964
Ardrossan	29.873
Mullaghnore	29.854
Donaghadee	29.881
Holyhead	29.914
Liverpool	29.931
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.927
Sally	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

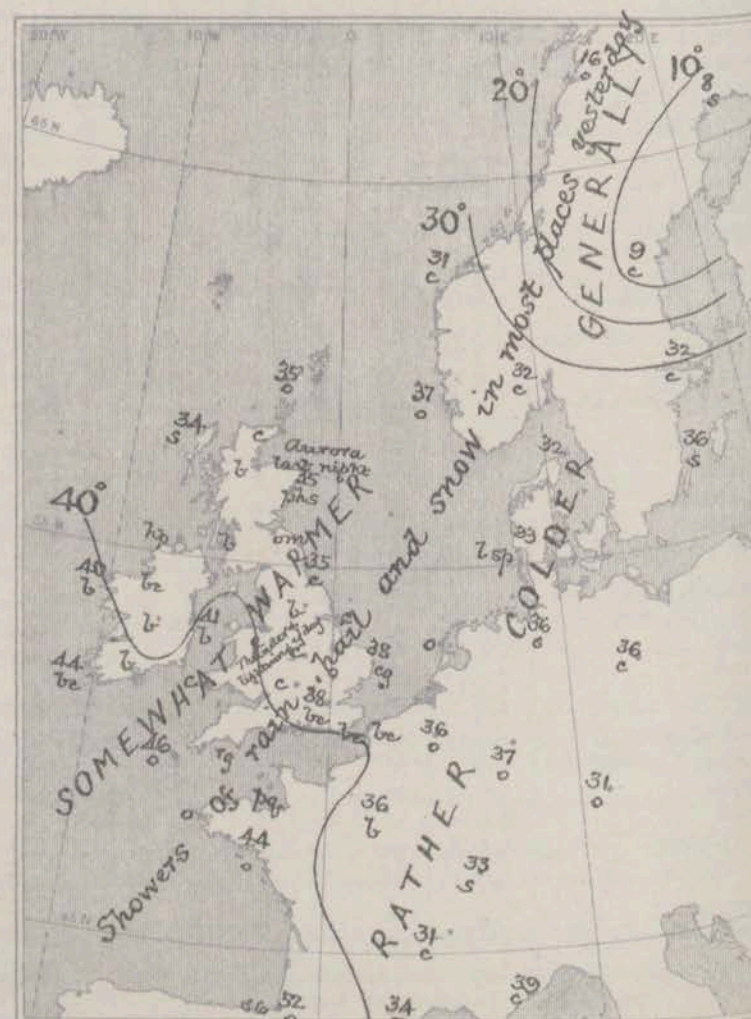
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Day	Night	At 7 a.m.	Wind	
Sunburch Head	42.4	34.5	35.5	37.1	5.49
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.1	37.6	1.36
York	44.6	35.9	37.5	36.4	1.70
Loughborough	45.3	35.9	37.5	36.4	1.78
Ardrossan	44.6	35.5	39.4	38.2	3.04
Mullaghnore	45.6	38.6	42.0	40.3	3.00
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	43.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.93
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Sally	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	40.9	39.3	42.3	41.0	2.65
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.9	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.45
Yarmouth	42.6	31.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards in the south of Portugal.
 Lowest 28.7 ins. and less in a depression lying over the N. of Norway; 28.9 ins. and less in a secondary disturbance of irregular form lying over the North Sea.
 Gradients moderate or slight generally.
 Barometer rising over our Islands and Scandinavia, but falling in France, Germany and the Netherlands.

TEMPERATURE

Highest 53° at Lisbon, 52° at Biscaya, 46° at Lundy and Brest, 45° at Jersey, and 44° at Valencia Island.
 Lowest 8° at Haparanda, 9° at Harnosand, 10° at Bodö, 31° at Christiansund, 1.3° at Stockholm, Faeröer & Skagway.
 Since yesterday morning a slight rise has taken place over the greater part of our Islands.

WIND

Moderate to strong from the NWth or Nth over the United Kingdom, and the north and west of France.
 Moderate from the SWth over Denmark, Germany, the Netherlands and central France.
 Calm over the northern parts of Sweden, variable in the south of France.

WEATHER

Fine at present in nearly all parts of the United Kingdom, but showers of snow or hail falling at one or two of our northern stations.
 Cloudy at most of the Continental stations, with snow at Haparanda, Wisby & Belport & with rain at Perpignan.
 Showers of hail or snow fell yesterday in nearly all parts of western Europe, thunder and lightning occurred at Liverpool and lightning singly at Faro. Bright aurora was seen at Aberdeen.

SEA

High at Cape Eric Hey and Biscaya, and rough or rather so on nearly all the more exposed parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of the advance of any new depression of importance, but small secondary disturbances are likely to appear in various parts of the United Kingdom, so that the weather will probably remain showery and unsettled.

FORECASTS

For the 24 hours ending at NOON on 4TH FEB. 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

1 SCOTLAND
EAST

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

Nth and NWth winds, moderate or fresh, changeable, some snow showers.

Same as No 5.

NWth winds, moderate or fresh, fair generally, but snow showers in places.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

Nth and NWth winds fresh, fair generally, but cold showers in places.

WARNINGS

The Signals have been lowered this morning in districts 2, 3, 5 and part of 1 and 8.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Direc.						Dry.	Wet.	Direc.			
Skudesnaes ...	28.66	42	37	WSW	5	c	6	Valencia ...	29.40	43	41	WNW	5	c q h p	5
Sumburgh Head ...	28.52	34	38	W	3	r	5	Scilly ...	29.46	44	43	W	5	c p h	5
Stornoway ...	28.69	42	42	N	7	b	6	Jersey ...	29.57	44	40	W	5	c	5
Aberdeen ...	28.60	35	32	S	4	o g q s	4	Hurst Castle ...	29.36	43	41	W	7	c g q	5
Shields ...	28.43	37	34	W	4	c	2	Dungeness ...	29.29	43	40	WNW	6	b c	3
Ardrossan ...	28.74	43	43	WNW	8	o	5	North Foreland ...	29.25	43	41	W	4	b	3
Malin Head ...	28.82	38	37	WNW	8	o	6	London ...	29.27	42	39	WSW	5	o r	#
Mullaghmore ...	29.12	42	37	WNW	8	c h p	7	Yarmouth ...	29.13	40	37	WSW	5	b c	#
Belmullet ...	29.22	43	38	WNW	8	o	#	Rochefort ...	29.78	47	41	W	5	c	#
Holyhead ...	29.14	41	37	W	6	c q	6								

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

Continental Information not yet received

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 THURSDAY 4TH FEBRUARY. 1892.

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

		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.				
STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.			
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (0 to 12).		Max.	Min.					
		Inch.	°				Inch.										Inch.				
SCANDINAVIA.	Haparanda ...	29.84	-14	2	0	6	29.11	+37	-5	-6	-13	2	0	0	*	6	19	-14	0.04		
	Hernösand ...	29.07	8	2	0	6	29.32	+48	14	14	+5	2	0	6	*	6	19	-3	—		
	Stockholm ...	29.17	31	NW	2	0	29.36	+45	23	22	-9	NW	2	6	*	0	37	?	—		
	Wisby ...	29.21	34	SW	4	0	29.31	+29	31	31	-3	SW	4	6	*	0	36	34	—		
	Bodö ...	29.88	22	E	2	0	29.12	+45	33	31	+17	NW	4	6	2	0	?	14	—		
SCANDINAVIA.	Christiansund...	29.17	32	SW	3	c	29.37	+45	32	30	+1	NW	3	4	c	34	30	0.24			
	Skudesnaes ...	29.20	35	NW	2	0	29.42	+53	31	31	-6	N	3	4	0	41	29	—			
	Christiania Fjord (Færd)	29.15	32	N	3	c	29.38	+50	27	26	-5	N	2	6	1	32	27	—			
	Skagen (The Scaw)	29.20	34	SW	1	0	29.35	+46	34	33	+2	SW	1	0	0	34	31	—			
	Fanö ...	29.13	33	2	0	c	29.38	+48	32	31	-1	NW	1	c	*	34	30	—			
SCANDINAVIA.	Sumburgh Head	29.36	35	NW	2	6	29.38	+34	25	24	-6	2	0	c	3	6	37	26	0.02		
	Stornoway ...	29.50	34	N	4	5	29.20	-09	40	40	+6	SW	4	6	6	40	27	0.05			
	Wick ...	29.43	33	NW	2	6	29.35	+23	32	31	-4	SW	2	6	1	60	24	0.05			
	Nairn ...	29.49	35	NW	1	c	29.37	+20	29	28	-6	2	0	c	1	37	28	—			
	Aberdeen ...	29.45	34	NW	6	60	29.47	+35	29	27	-6	SW	2	cm	4	38	25	0.07			
SCANDINAVIA.	Leith ...	29.57	37	N	2	6	29.52	+31	31	31	-7	2	0	m	*	45	30	—			
	Shields ...	29.42	37	NW	4	6	29.58	+46	30	29	-5	W	1	m	3	42	29	—			
	Spurn Head ...	29.41	37	NW	4	6	29.65	+52	32	31	-5	NW	4	cm	4	40	32	—			
	York ...	29.43	37	NW	3	6	29.65	+46	30	29	-7	W	1	6	*	42	29	—			
	Loughborough	29.48	36	NW	2	6	29.70	+53	30	29	-8	NW	1	cm	*	44	29	—			
BRITISH ISLANDS.	Ardrossan ...	29.56	39	N	2	6	29.48	+22	41	40	+3	2	4	0	3	42	33	—			
	Malin Head ...	29.63	41	NW	4	6	29.35	+01	38	37	0	2	5	0	3	41	36	—			
	Mullaghmore ...	29.68	40	NW	2	6	29.38	-03	44	43	+3	SW	5	0	4	44	37	0.03			
	Belmullet ...	29.72	41	W	2	6	29.41	-08	48	48	+8	W	0	*	*	48	38	0.25			
	Donaghadee ...	29.62	38	NW	3	6	29.52	+22	38	37	+1	SW	3	c	2	43	36	0.01			
BRITISH ISLANDS.	Liverpool (Bidston)	29.57	40	NW	5	6	29.66	+39	35	33	-5	2	3	c	3	42	35	—			
	Holyhead ...	29.36	42	NW	5	6	29.51	+30	41	35	0	SW	3	0	3	47	38	—			
	Parsonstown ...	29.71	39	2	0	6	29.51	+03	47	46	+1	SW	2	0	*	46	32	0.16			
	Valencia ...	29.78	46	NW	2	0	29.68	+12	51	50	+7	W	4	cm	4	52	42	0.27			
	Roche's Point	29.77	43	NW	3	6	29.57	+10	48	47	+7	NW	4	0	4	48	38	0.25			
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.67	43	NW	5	6	29.64	+26	43	43	0	SW	4	dm	6	44	40	0.06			
	Selly ...	29.72	46	NW	5	c	29.68	+21	50	50	+4	2	5	7	5	53	40	0.30			
	Prawle Point ...	29.68	40	NW	3	6	29.75	+37	42	42	+2	SW	3	7	2	48	35	0.06			
	Jersey (St. Aubin's)	29.62	45	NW	4	6	29.85	+43	39	38	-6	N	3	0	3	49	38	0.01			
	Hurst Castle ...	29.57	39	NW	4	6	29.80	+50	36	36	-4	NW	3	c	3	47	34	—			
BRITISH ISLANDS.	Dungeness ...	29.43	37	NW	3	6	29.74	+52	31	30	-7	NW	3	6	2	45	29	—			
	North Foreland	29.40	39	NW	5	6	29.71	+52	34	?	-5	NW	3	6	3	41	33	0.07			
	London ...	29.51	40	NW	3	6	29.76	+53	32	31	-6	SW	1	6	*	46	30	—			
	Oxford ...	29.61	36	NW	4	6	29.76	+50	32	31	-6	W	2	cm	*	43	31	0.04			
	Cambridge ...	29.46	38	NW	1	6	29.76	+53	29	28	-9	SW	1	6	*	43	28	—			
BRITISH ISLANDS.	Yarmouth ...	29.36	39	NW	5	6	29.66	+54	31	31	-7	NW	3	6	4	40	30	—			
	Cuxhaven ...	29.06	34	NW	3	0	29.35	+38	35	33	-1	N	2	c	*	38	33	0.02			
	Berlin ...	29.16	36	SW	3	c	29.31	+28	36	35	0	W	2	c	*	41	34	—			
	Wiesbaden ...	?	?	?	?	?	29.48	+22	35	34	-2	SW	2	?	*	39	34	0.04			
	Munich ...	?	31	SW	5	0	29.50	+14	32	31	+1	NW	6	7	*	37	30	0.04			
BRITISH ISLANDS.	The Helder ...	29.26	40	NW	5	c	29.55	+58	38	36	-2	N	2	6	c	41	36	0.16			
	Brussels (a.m.)	?	?	?	?	?	29.67	+49	35	34	-1	NW	5	0	*	42	33	0.16			
	Cape Gris Nez	29.40	40	NW	4	6	29.67	+48	37	37	-3	NW	4	6	6	43	34	—			
	Paris ...	29.50	38	NW	2	6	29.80	+45	33	32	-3	NW	2	7	*	?	31	0.08			
	Brest ...	?	46	NW	4	c	?	?	46	46	0	SW	3	7	5	48	43	0.04			
BRITISH ISLANDS.	Lorient ...	29.71	46	NW	5	6	29.80	+38	46	45	+2	SW	2	7	5	48	43	—			
	Rochefort ...	29.68	46	NW	5	6	29.77	+41	44	41	0	NW	2	c	*	50	41	—			
	Belfort ...	?	35	W	2	c	?	?	32	29	-1	W	2	6	*	36	30	—			
	Lyons ...	29.58	35	NW	1	0	29.87	+42	33	30	+1	NW	1	6	*	38	31	0.16			
	Nice ...	29.25	44	SW	1	6	29.49	+14	41	32	+2	NW	6	6	3	34	36	—			
BRITISH ISLANDS.	Perpignan ...	29.63	41	NW	3	0	29.82	+44	46	40	+12	NW	3	0	*	50	?	0.04			
	Biarritz ...	29.75	46	2	0	7	30.01	+35	50	49	-2	N	3	7	6	37	41	1.02			
	Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?			
	Lisbon ...	30.28	53	NW	6	0	30.28	+03	52	52	+1	NW	6	c	*	59	53	—			

For Explanation of Columns, see bottom of p. 1.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Thursday, 4th Feb: 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.

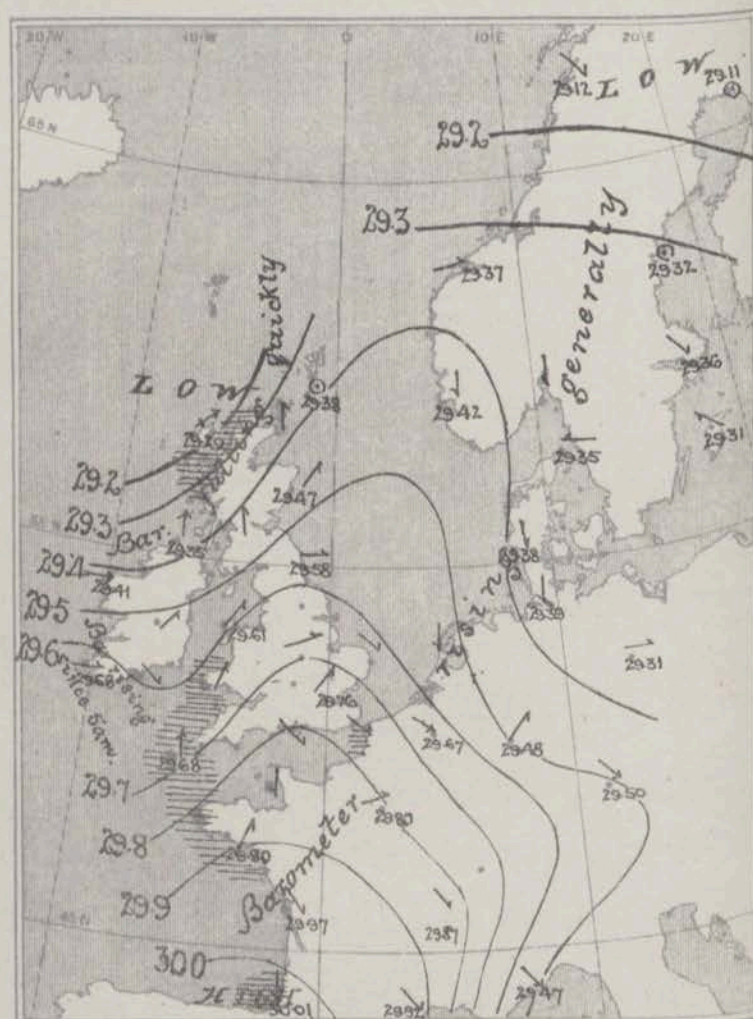
MEAN HEIGHT OF THE BAROMETER

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

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.903
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.966
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

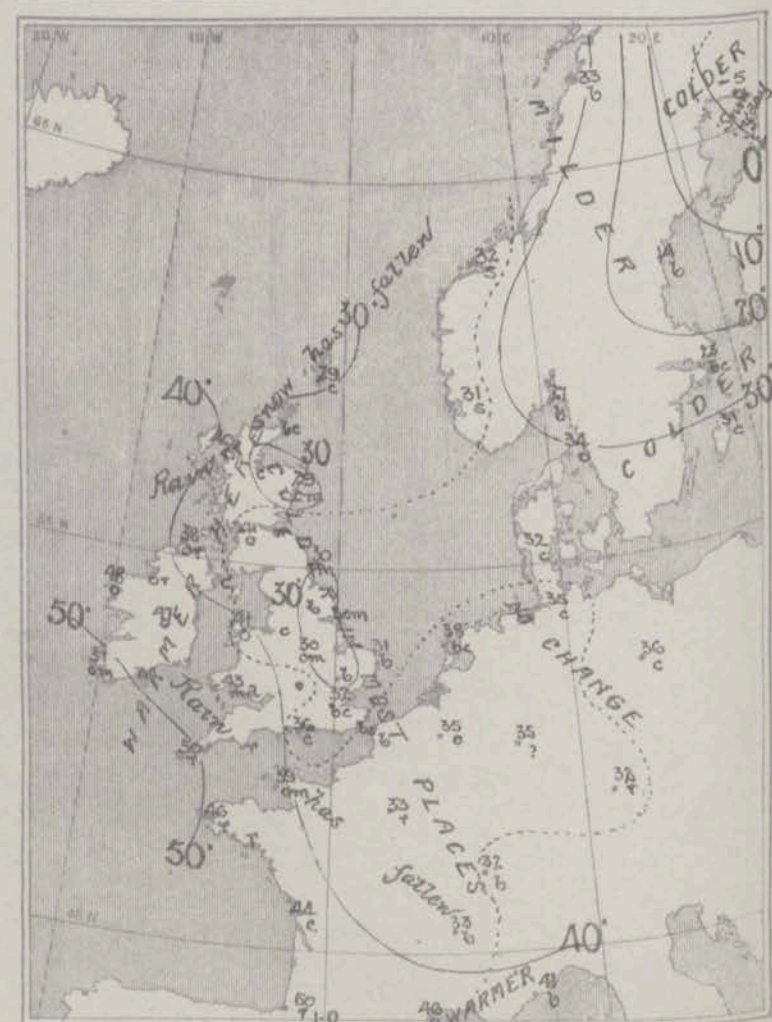
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	11 a.m.	Mean	
Sumburgh Head	42.4	34.6	35.5	37.1	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.33
Leith	45.7	31.3	35.6	37.1	1.45
Shields	43.8	35.1	38.0	37.3	1.50
Spurn Head	42.3	35.0	38.4	37.6	1.36
York	44.0	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	35.3	39.4	38.2	3.04
Mullaghmore	46.8	38.0	42.0	40.3	3.60
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	35.2	38.9	37.3	1.62
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	43.7	40.7	44.6	42.9	1.95
Roche's Point	45.4	39.6	43.1	41.6	4.43
Pembroke	43.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	45.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.0	37.4	1.73
Oxford	45.0	34.0	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.45
Yarmouth	43.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.7 in. and upwards, in Portugal.
 Lowest, 29.2 in. and less, in the north of Scandinavia and also in a depression which is approaching the northwest of Scotland.
 Gradients moderate or slight generally, but increasing on our north and northwest coasts.
 Barometer falling in the west and north of our Islands—quickly in the extreme northwest—but rising elsewhere.

TEMPERATURE

Highest, 54° at Lisbon, 51° at Valencia Island, 50° at Sicily, and Rianiz, and 48° at Helmslet and Rocher Point.
 Lowest, -5° F. at Haparanda, +14° at Haparand, 23° at Stockholm, 27° at Sauder, and 29° at Kavin, Aberdeen, and Cambridge.
 Sharp frost occurred last night in most parts of Great Britain.

WIND

S. or SW. in the west and north of our Islands, with a fresh gale in the Hebrides.
 Light from the NW. in the east and southeast of England, as well as over Denmark, Germany, the Netherlands, and the greater part of France.
 W. in the west of Norway; calm over the northern parts of Sweden.

WEATHER

Rainy in the north of Ireland, the southwest of England, and the north of France; dull in the west of our Islands generally.
 Fine over the eastern parts of Great Britain, as well as in Holland, Denmark, and Sweden, but snow-falling in the west of Norway.
 Snow showers fell yesterday at some of our eastern and southeastern stations, and heavy rain (1.0 in.) at Kavin. Bright Auroras were seen at Kavin.

SEA

Rough off the southwest of England and in the Bay of Biscay as well as at Pomorway, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which is approaching the northwest of Scotland seems likely to travel eastwards or southeasterly and will possibly occasion a considerable increase of wind on all our northern coasts. A small secondary disturbance is apparently forming in the southwest, and is inclined to move eastwards over England.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW ¹ to NW ¹ winds, increasing to a gale; squally, some rain.	6 SCOTLAND WEST	Same as No 0
1 SCOTLAND EAST	SW ¹ to W ¹ or NW ¹ winds, increasing in force; fair to unsettled and some snow.	7 ENGLAND N.W.	Same as Nos 1 and 2.
2 ENGLAND N.E.		8 ENGLAND S.W.	SW ¹ to W ¹ or NW ¹ winds, fresh, unsettled, some rain.
3 ENGLAND EAST	SW ¹ to W ¹ winds, freshening; weather becoming temporarily milder and very unsettled with some rain or sleet.	9 IRELAND NORTH	Same as No 0
4 MIDLAND COUNTIES		10 IRELAND SOUTH	W ¹ to NW ¹ winds, freshening; changeable, showery, colder.
5 ENGLAND SOUTH		WARNINGS	Orders were issued at 10.10 a.m. to Hoist the North Cone in districts 0, 6, and parts of 1 and 2.

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 ...	29.01	40	36	B	2	0	4	Valencia ...	29.71	42	43	NW	3	cm	3
Sumburgh Head ...	29.23	37	35	NW/2	3	6	5	Scilly ...	29.38	46	43	NW/2	5	bc	5
Stornoway ...	29.41	38	36	N	4	6	5	Jersey ...	29.47	49	45	NW	5	bc	3
Aberdeen ...	29.30	37	34	NW/2	7	bc	5	Hurst Castle ...	29.42	45	43	NW	5	c	3
Shields ...	29.28	42	36	NW	5	bc	4	Dungeness ...	29.30	43	40	NW/2	4	bc	3
Ardrossan ...	29.44	42	35	NW	4	6	3	North Foreland ...	29.30	39	39	NW	3	6	4
Malin Head ...	29.54	41	35	NW	2	6	3	London ...	29.35	45	41	W	6	cg	4
Mullaghmore ...	29.59	44	40	NW/2	2	cm	2	Yarmouth ...	29.28	40	39	NW	5	cg	4
Belmullet ...	29.65	45	42	NW/2	1	0	*	Rochefort ...	29.60	46	42	NW	5	0	*
Holyhead ...	29.47	42	39	NW/2	5	6	4								

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

Weather in morning fair, but not settled, over the greater part of the British Isles and France, but rain showers reported at Perpignan, Jersey and Crawlethint, hail and snow in the north and east of Scotland, and at Belfast. Sky overcast or cloudy in all other parts of Europe, with rain over Austria, snow in Finland. Snow or cold rain in the north and west of our Islands later, and in general part of France, but amounts not large except at Biarritz where 1.02 in. fell.

Temperature changing irregularly over our Islands, fallen over Central Europe. Morning readings exceeding 50° at several stations on the southern side of the Mediterranean and over the Iberian Peninsula, and above 40° on the Atlantic coast of France, Ireland, and England, lower elsewhere, and lowest of all (1) 8° to 9° in the north of Sweden, 16° at Rost, 22° at Archangel, 23° at Moscow, 28° at Kiev; (2) 31° at Munich and Lyons, 32° at Turin, 33° at Belfast; (3) 34° to 36° in the northern part of Scotland. Rising to between 40° and 50° over our Islands later, but falling fast again at night; frost occurring inland over Scotland and England.

Wind N¹ to NW¹, fresh; over our Islands, NW¹, fresh to strong over our English Channel, the Bay of Biscay, and Spain, W¹ over the Mediterranean, S¹ over the Adriatic as well as over the Netherlands, the Baltic and Russia, SE¹ to E¹ over the extreme north of Russia and in Lapland. Blowing gently over our Islands later, and becoming more N¹ over England.

Barometer highest, (1) 30.3 in. and more to 29.6 in. over Spain, Algeria, and the southwestern half of the Bay of Biscay; (2) 29.9 in. and more to 29.6 in. over Southwestern Europe, the Black Sea, and southern part of Russia. Lowest (1) 28.7 in. and less over Finmark; (2) 29.0 in. and less, over the eastern part of the North Sea; (3) 29.3 in. and less, over the northern part of Italy. Rising quickly throughout our Islands throughout.

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.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 FRIDAY 5TH FEBRUARY, 1892.

Issued by the Meteorological Office, 33, Victoria Street, London. R. H. SCOTT, Secretary.

METEOROLOGICAL OFFICE, 53, VICTORIA STREET, LONDON. H. H. SCOTT, SECRETARY.																			
STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
		Barom.	Temp.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (10 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.		Dir.	Force (10 to 12).		Weather.	Max.	Min.
		Inch.	°				Inch.		°	°	°								Inch.
SCANDINAVIA.																			
Haparanda ...	29.24	-11	2	0	6	29.43	+12	-4	-4	+1	2	0	f	#	6	1	-15	0.04	
Hernösand ...	29.43	2	2	0	6	29.43	+11	-4	-5	-10	2	0	f	#	6	24	-24	—	
Stockholm ...	29.47	18	2	0	6	29.38	+02	16	15	-7	E	2	f	#	6	34	16	—	
Wisby ...	29.43	33	NNE	4	0	29.34	+03	27	27	-4	ENE	4	f	#	6	34	?	—	
Bodö ...	29.32	34	NW	4	c	29.32	+20	24	21	-9	ENE	2	b	1	c	34	21	—	
ISLANDS.																			
Christiansund...	29.26	30	SE	4	6	29.05	-22	30	28	-2	SE	4	b	3	6	32	28	0.20	
Skudesnaes ...	29.22	34	SE	8	6	29.02	-40	35	32	+4	SE	7	0	5	6	36	30	—	
Christiania Fjord (Fjorder)	29.42	28	N	2	c	29.21	-17	26	26	-1	N	3	0	1	c	28	26	—	
Skagen (The Seaw)	29.35	29	2	0	f	29.13	-22	28	28	-1	8	4	0	2	f	34	27	0.24	
Faro ...	29.42	32	2	4	c	29.13	-25	34	34	+2	WNW	4	c	#	f	34	28	0.04	
BRITISH ISLANDS.																			
Sumburgh Head	29.88	36	SW	1	7	29.86	-52	37	37	+8	W	2	0	4	07	37	27	0.24	
Stornoway ...	29.09	39	W	4	7	29.15	-45	38	38	-2	NW	7	8	6	07	45	32	0.22	
Wick ...	29.07	35	NW	3	6	29.07	-36	35	34	+3	WNW	6	00	4	6	38	30	0.25	
Nairn ...	29.10	37	SW	3	6	29.22	-25	36	36	+9	WNW	2	6	1	67	42	27	0.19	
Aberdeen ...	29.13	38	W	5	6	29.15	-32	37	34	+8	W	5	6	3	67	38	27	0.19	
Leith ...	29.23	37	SW	8	6	29.28	-24	37	36	+6	W	2	6	#	6	43	27	0.10	
Shields ...	29.28	42	W	4	6	29.27	-31	37	37	+9	W	4	6	2	70	42	28	—	
Spurn Head ...	29.40	39	SW	5	7	29.40	-25	40	39	+6	W	4	c	4	7	40	33	0.02	
York ...	29.38	38	8	3	0	29.42	-23	41	38	+11	W	5	6	#	0	43	30	—	
Loughborough	29.42	42	SE	5	0	29.48	-22	39	37	+9	W	2	c	#	0	44	30	0.02	
GERMANY & HOLLAND.																			
Ardrossan ...	29.31	43	W	5	6	29.38	-10	40	39	-1	W	6	6	4	6	45	38	0.20	
Malin Head ...	29.35	40	WNW	5	6	29.41	+06	41	38	+3	WNW	6	6	4	6	46	38	0.09	
Mullaghmore ...	29.47	43	WNW	5	c	29.55	+15	42	40	-2	W	6	6	5	om	48	40	0.05	
Belmullet ...	29.51	44	WNW	5	0	29.61	+20	44	41	-4	W	7	6	#	07	48	41	0.12	
Donaghadee ...	29.48	41	WNW	4	6	29.49	-03	37	36	-1	WNW	4	6	3	6	46	37	0.01	
FRANCE AND BELGIUM.																			
Liverpool (Bidston)	29.47	41	W	5	0	29.51	-14	41	39	+6	W	6	c	5	0	45	35	0.09	
Holyhead ...	29.52	43	WNW	2	0	29.58	-03	43	40	+2	WNW	5	c	4	om	47	41	0.21	
Parsonstown ...	29.57	44	SW	2	c	29.60	+18	39	38	-1	SW	1	6	#	c	53	38	—	
Valencia ...	29.70	48	W	3	om	29.80	+12	46	44	-5	WNW	4	6	4	om	52	40	0.08	
Roche's Point	29.64	45	NW	4	c	29.72	+14	45	42	-3	WNW	3	6	3	c	53	43	—	
GERMANY & HOLLAND.																			
Pembroke (St. Ann's Hd.)	29.61	48	WNW	4	c	29.70	+06	46	44	+3	WNW	4	6	4	c	45	42	0.04	
Scilly ...	29.74	50	W	5	MT	29.77	+11	48	48	-2	WNW	5	0	5	MT	51	47	0.18	
Prawle Point ...	29.69	49	WNW	3	0	29.73	-06	45	45	+3	W	4	c	2	MT	50	41	0.09	
Jersey (St. Aubin's)	29.73	49	W	3	c	29.75	-10	48	48	+9	WNW	3	om	3	og	50	38	0.18	
Hurst Castle ...	29.63	45	SW	4	c	29.68	-12	48	48	+7	W	4	c	3	nd	46	36	0.02	
FRANCE AND BELGIUM.																			
Dungeness ...	29.61	43	WNW	5	0	29.57	-15	40	40	+9	WNW	5	c	3	c	44	29	0.06	
North Foreland	29.60	42	8	5	0	29.56	-15	41	41	+7	W	3	6	3	6	45	34	—	
London ...	29.58	42	8	3	0	29.60	-16	40	38	+8	SW	2	6	#	od	46	32	—	
Oxford ...	29.52	43	8	4	0	29.61	-15	39	37	+7	WNW	3	6	#	od	46	32	—	
Cambridge ...	29.58	40	SW	1	0	29.54	-22	39	38	+10	SW	2	6	#	0	45	27	0.06	
Yarmouth ...	29.53	38	SW	5	c	29.46	-20	38	37	+7	W	4	6	4	6	40	30	0.02	
GERMANY & HOLLAND.																			
Cuxhaven ...	29.57	36	WNW	2	6	29.55	-10	36	35	+1	W	4	c	#	6	37	34	—	
Berlin ...	29.57	36	NW	2	0	29.57	+08	33	32	-3	SW	3	0	#	0	37	32	—	
Wiesbaden ...	#	#	#	#	#	29.54	+06	37	36	+2	SW	2	0	#	6	37	34	0.04	
Munich ...	29.75	30	W	#	#	29.65	+15	31	28	-1	SW	6	0	#	6	34	28	0.04	
The Helder ...	29.54	38	SW	3	7	29.41	-14	40	38	+2	N	3	6	3	7	41	36	0.08	
FRANCE AND BELGIUM.																			
Brussels (9 a.m.)	#	#	#	#	#	29.57	-10	40	39	+5	WNW	2	0	#	0	41	34	0.04	
Cape Gris Nez	29.62	43	SW	4	c	29.57	-10	43	41	+6	WNW	5	c	5	c	48	37	0.08	
Paris ...	29.82	41	SW	3	0	29.69	-11	46	45	+13	WNW	2	7	#	0	?	19	—	
Brest ...	?	51	W	4	f	29.79	-05	51	50	+5	W	5	f	6	f	52	45	0.16	
Lorient ...	29.85	51	WNW	4	f	29.85	-05	51	50	+5	W	6	0	7	f	?	46	0.48	
FRANCE AND BELGIUM.																			
Rocheport ...	29.89	48	NW	5	0	29.87	+02	50	50	+6	W	6	7	#	0	53	43	0.24	
Belfort ...	29.76	35	W	3	6	29.74	+07	37	30	+5	W	3	6	#	6	37	28	—	
Lyons ...	29.96	35	SE	1	6	29.94	+07	37	31	-1	8	1	7	#	6	41	31	0.08	
Nice ...	29.72	44	NW	1	6	29.81	+04	38	30	-3	W	1	6	2	6	53	36	—	
Perpignan ...	29.89	46	NW	1	0	29.81	+08	37	30	+11	WNW	5	0	#	0	?	43	0.04	
Biarritz ...	29.07	54	NW	6	0	29.19	+18	52	51	+4	WNW	5	0	6	0	54	46	0.39	
FRANCE AND BELGIUM.																			
Corunna ...	#	#	#	#	#	29.35	+07	51	47	-8	WNW	4	6	#	0	57	50	—	
Lisbon ...	29.34	53	WNW	4	0	29.35	+07	51	47	-8	WNW	4	6	#	0	57	50	—	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Friday, 5th Feb: 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.

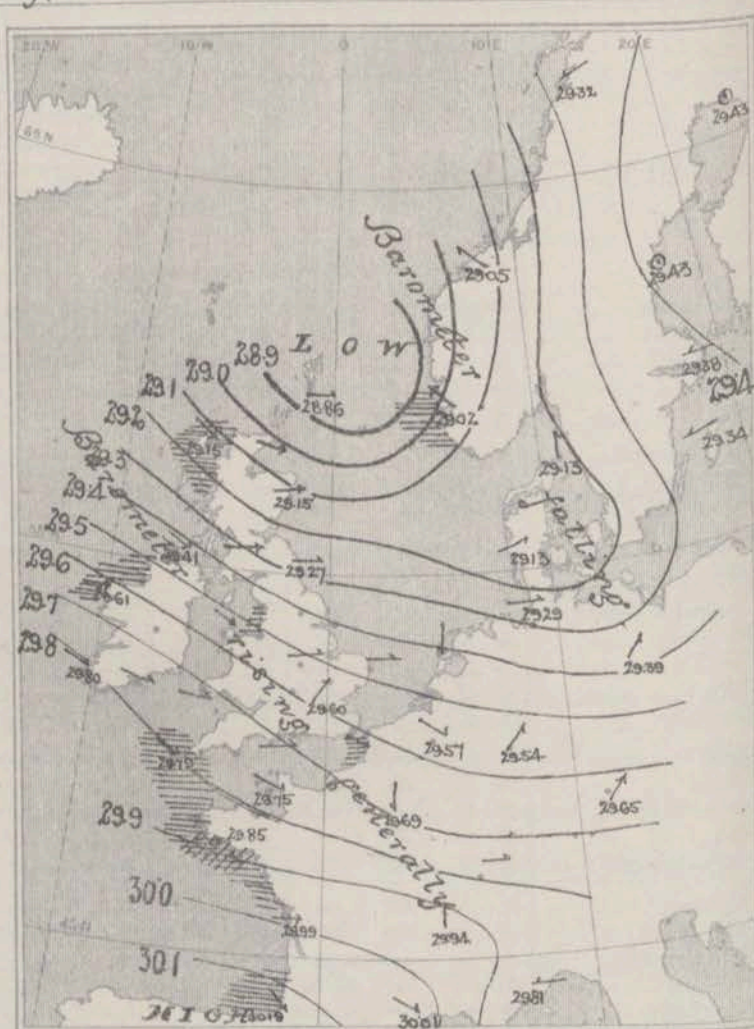
MEAN HEIGHT OF THE BAROMETER

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

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.775
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Androssan	29.873
Mullaghmore	29.851
Donaghadee	29.881
Holyhead	29.914
Liverpool	29.931
Parsonstown	29.900
Valencia	29.919
Roche's Point	29.916
Pembroke	29.987
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.984



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.

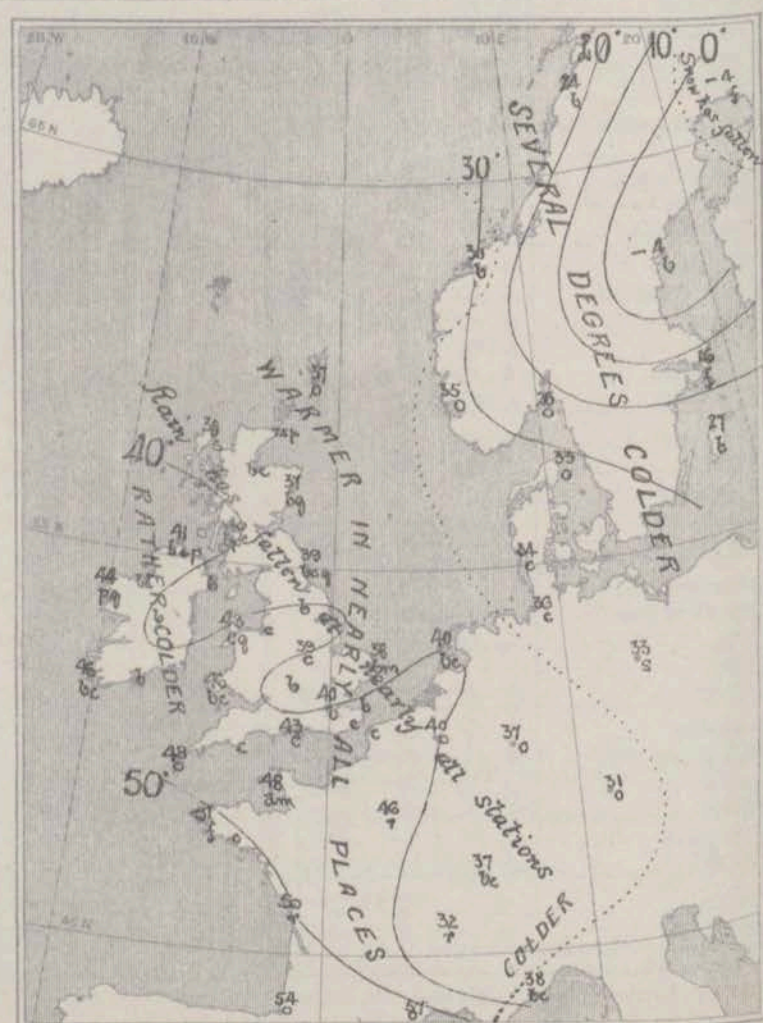
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	100° Max.	100° Min.	At 8 a.m. Temp.	At 8 a.m. Wind.	
Sumburgh Head	42.1	34.5	34.5	37.1	2.10
Stornoway	43.5	34.0	39.1	38.1	3.86
Wick	43.1	33.2	38.1	39.7	2.04
Nairn	43.4	33.4	37.1	35.1	1.18
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	36.1	38.6	37.3	1.50
Spurn Head	42.2	35.9	38.4	37.0	1.39
York	44.0	33.9	37.5	39.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Androssan	44.6	32.3	39.4	38.2	3.04
Mullaghmore	46.5	38.6	42.0	40.3	3.00
Donaghadee	45.5	36.9	40.2	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.00
Liverpool	44.5	39.2	38.9	37.3	1.09
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	42.7	39.7	41.6	42.9	4.95
Roche's Point	48.4	39.0	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.1	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.2	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.45
Yarmouth	42.6	34.5	38.2	37.3	1.82

NOTE. The Temperature means are for the 20 years 1871-90; the Rainfall means are a daily those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30° Deni and upwards, in the south of Portugal.
 Lowest, 28° Deni and less, in a depression lying between the Shetlands and the west of Norway.
 Gradient moderate but rather irregular.
 Barometer rising over the greater part of our Islands and also in the west of France, but falling elsewhere.

TEMPERATURE

Highest, 57° at Perpignan, 54° at Biarritz, 51° at Brest, Lisieux, and Lisieux, and 50° at Rochefort.
 Lowest, -4° East: at Hafnarvalla and Havn, and +16° at Stockholm, 24° at Paris, 26° at London and 27° at Westbury.
 The changes over our Islands since yesterday morning have been rather sudden, a brisk rise during the day being succeeded by a decided fall at night.

WIND

Moderate to strong from the Wst or NWst over the greater part of our Islands, with the north and east of France.
 Light to fresh from the SWst over Denmark and Germany.
 SEst in the west of Norway; calm over the northern parts of Sweden.

WEATHER

Fine in all the more southern parts of the United Kingdom, but showery at several of the northern stations, with snow in the north of Scotland.
 Fine in the west of Norway, but cloudy and unsettled at the Continental stations generally, with fog in Sweden, rain in many parts of France, and snow at Berlin.
 Rain fell yesterday in most parts of the United Kingdom, but the amounts were not large.

SEA

Rough in the Bay of Biscay, as well as at Humber, and rather rough at Mullaghmore, Kelly, and Cape Fin Ky, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north seems to be moving very slowly in an easterly direction. There are at present no indications of the approach of any fresh disturbance, but the general conditions remain somewhat unsettled.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 0 SCOTLAND NORTH	NW st strong winds or gales; squally, some snow showers.	1 6 SCOTLAND WEST	W st to NW st winds, strong; squally, showery.
1 1 SCOTLAND EAST	W st winds, fresh or strong; squally, some showers.	7 ENGLAND N.W.	Same as No 1 and 2.
2 ENGLAND N.E.		8 ENGLAND S.W.	W st and NW st winds fresh; fair generally, but local showers.
3 ENGLAND EAST	W st winds, moderate or fresh; fair generally, but perhaps local showers.	1 9 IRELAND NORTH	Same as No 1 and 2.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No 8.
5 ENGLAND SOUTH			
		WARNINGS	The NORTH CONE is still flying in districts O.G. and parts of 1 and 2.

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.							Dry.	Wet.				
Skudesnæs ...	29. 39	36	34	SE	4	c	2	Valencia ...	29. 69	51	50	W	4	o m	4
Sumburgh Head ...	29. 23	36	36	SE	5	c	5	Scilly ...	29. 72	51	51	W	5	m f	3
Stornoway ...	29. 04	43	43	W	4	bc	5	Jersey ...	29. 73	44	43	SE	4	o m	3
Aberdeen ...	29. 12	36	35	S	5	o m	5	Hurst Castle ...	29. 68	43	42	SE	3	m d	3
Shields ...	29. 32	39	36	S	4	c	3	Dungeness ...	29. 71	42	39	W	4	c	3
Ardrossan ...	29. 24	45	43	W	5	b	4	North Foreland ...	29. 65	41	39	S	3	b	4
Malin Head ...	29. 22	42	39	W	6	bc	4	London ...	29. 67	44	39	SE	2	o m	4
Mullaghmore ...	29. 44	45	43	W	5	o m	4	Yarmouth ...	29. 63	40	36	W	3	b	4
Behmullet ...	29. 47	44	42	W	4	o m	4	Rochefort ...	29. 77	45	44	W	3	W	4
Holyhead ...	29. 49	44	44	W	3	o m	4								

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

Weather in morning fine and bright over Sweden, the eastern half of England and in the south of France, but not settled anywhere. Cloudy or overcast in most places, with rain in several parts of the British Islands, France, south Germany, and Austria, snow in the west of Norway; fog prevalent in north Germany, and western Russia. Rain later in almost all parts of our Islands and France, but largest amount only 0.4 in. at Orient; snow and hail in north of Scotland.

Temperatures fallen fast over Italy and the Adriatic, also over the British Isles and northern Europe, risen over central and southern Russia. Morning readings exceeding 60° at Oron, and exceeding 55° at Ravenna, Modra, the Algiers and most Spanish stations, as well as at Valence Island and Scilly. Lowest (1) -5° F. at Haparanda, +4° at Kuopio, 14° at Haparanda, 27° at St. Petersburg; (2) 29° to 32° in the north and east of Scotland; 32° at Belfast and at Florence, 37° at Rome and Marseille, 39° at Bzhan. Rising later to 40° and more in the north of Scotland, to between 50° and 53° on our southern and southern coasts, and in the west and south of France. Not touching 40° in Germany.

Wind very variable; (1) mainly S³ over Russia and Finland, N³ over Denmark, W³ over Austria, NW³ over the east of our Islands, France, Spain, and the Mediterranean; a gale at C. Sic, Saugumais and Cagliari; (2) S³ over Brittany, and on our own western coast (a gale at Stornoway), but inclined to veer to NW, again in the south of Ireland. Shifting to W³ in Scotland and the west of our Islands generally during day, and gale at Stornoway dying down.

Barometer highest (1) 30.3 in. to 30.0 in. over Spain and Portugal and the southeast of France, and exceeding 29 in. at all the French and southern English stations; (2) 29.7 in. and more to 29.4 in. over central and southern Russia. Lowest 29.2 in. and less, in three depressions - viz one over Hungary and the Balkan Peninsula, another over Lapland, and a third approaching our extreme northwestern coast from the westward. Falling to below 28.3 in. in the Shetlands later, but tending to rise over Spain and Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received. The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for SATURDAY 6TH FEBRUARY. 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R.-H. SCOTT, Secretary.																			
YESTERDAY EVENING.										8 A.M. TO DAY.						PAST 24 HOURS			
STATIONS.	Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Shade Temp.			Amount of Rainfall.		
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).		Max.	Min.				
	Inch.	°				Inch.	"	"	"	"						Inch.			
SCANDINAVIA.																			
Haparanda ...	29.46	-2	NW	2	bc	29.46	+0.3	-2	-4	+1	NE	2	bc	*	bc	5	-12	—	
Hernösand ...	29.47	6	N	2	0	29.53	+1.0	5	4	+9	NW	2	f	*	0	7	-11	—	
Stockholm ...	29.35	21	NW	2	0	29.39	+0.1	21	20	+5	ENE	2	bc	*	0	27	14	—	
Wibby ...	29.26	32	ENE	4	0	29.32	-0.2	31	30	+4	ENE	4	bc	*	0	32	25	0.04	
Bodö ...	29.34	23	ENE	2	6	29.38	+0.6	21	21	-3	ENE	4	bc	2	bc	25	19	—	
CHRISTIANIA.																			
Christiansund...	29.09	33	SE	2	c	29.13	+0.4	34	33	+4	SE	2	c	3	c	34	30	—	
Skudesnaes ...	29.18	36	SE	4	0	29.22	+0.3	35	34	0	SE	2	0	5	0	36	34	—	
Christiania Fjord (Fierder)	29.26	26	NNW	5	0	29.42	+2.1	26	25	0	N	3	0	2	0	27	25	—	
Skagen (The Seaw)	29.16	31	E	6	0	29.27	+2.6	31	29	-5	ENE	1	0	0	0	31	25	0.24	
Fanö ...	29.22	35	WNW	6	0	29.41	+2.3	33	33	-1	2	0	c	*	0	36	28	0.04	
SCOTLAND.																			
Sumburgh Head	29.06	37	WNW	4	c	29.29	+1.4	38	35	+1	NW	3	bc	4	c	41	34	0.20	
Stornoway ...	29.25	35	W	6	7	29.48	+1.3	35	35	-3	NW	4	0	5	bc	40	32	0.15	
Wick ...	29.29	35	NW	3	bc	29.41	+1.2	33	32	-2	NW	2	c	2	bc	40	29	0.18	
Nairn ...	29.33	35	WNW	2	bc	29.50	+1.3	36	35	0	WNW	3	bc	1	bc	42	32	0.12	
Aberdeen ...	29.36	36	WNW	4	bc	29.52	+1.3	35	32	-2	W	3	bc	2	bc	41	34	—	
ENGLAND.																			
Leith ...	29.48	2	W	2	bc	29.62	+1.4	31	32	+1	W	1	bc	*	bc	44	35	—	
Shields ...	29.49	40	W	4	bc	29.63	+1.6	35	37	0	W	2	c	2	bc	44	35	0.03	
Spurn Head ...	29.58	41	W	4	c	29.68	+1.2	41	39	+1	W	4	c	4	c	43	38	—	
York ...	29.58	42	WNW	4	c	29.72	+1.3	42	41	+1	W	1	0	*	c	45	38	0.01	
Loughborough	29.68	42	WNW	2	0	29.77	+1.3	42	39	+3	W	3	om	*	0	48	39	—	
IRISH ISLANDS.																			
Ardrossan ...	29.52	43	W	6	0	29.66	+1.3	43	41	+3	W	3	0	2	c	45	37	0.16	
Malin Head ...	29.56	41	WNW	7	c	29.68	+1.3	42	41	+1	W	4	op	4	bc	43	37	0.14	
Mullaghmore ...	29.70	43	W	6	c	29.70	+1.3	43	42	+1	W	4	op	3	bc	45	36	0.07	
Belmullet ...	29.75	43	W	5	bc	29.72	+1.1	44	44	0	W	1	om	*	bc	46	42	0.12	
Donaghadee ...	29.65	41	WNW	4	bc	29.72	+1.3	41	40	+4	WNW	4	c	2	bc	45	36	0.02	
BRITISH ISLANDS.																			
Liverpool (Bidston)	29.70	43	W	5	c	29.77	+1.2	42	41	+1	W	5	0	4	c	44	40	0.02	
Holyhead ...	29.73	43	W	5	c	29.76	+1.2	42	42	+1	SW	3	op	3	bc	45	42	0.01	
Parsonstown ...	29.81	43	SW	2	bc	29.75	+1.0	44	43	+5	2	0	op	*	bc	47	38	0.13	
Valencia ...	29.81	43	WNW	3	0	29.85	+0.9	53	52	+7	WNW	5	omd	5	c	53	44	0.09	
Roche's Point	29.88	47	WNW	3	bc	29.85	+1.2	52	50	+7	WNW	4	c	4	bc	52	42	—	
IRELAND.																			
Pembroke (St. Ann's Hd.)	29.84	47	W	4	c	29.87	+1.3	46	46	0	WNW	3	72	4	c	47	45	0.05	
Scilly ...	29.93	47	WNW	4	c	29.97	+1.3	50	50	+2	WNW	5	odp	5	bc	50	46	0.02	
Pravle Point ...	29.91	43	WNW	4	bc	29.96	+1.3	46	46	+1	SW	4	dm	3	bc	50	42	0.01	
Jersey (St. Aubin's)	29.82	47	WNW	3	bc	29.83	+1.2	48	47	0	W	5	omd	4	bc	51	45	0.03	
Hurst Castle ...	29.86	43	NW	4	bc	29.93	+1.3	44	42	+1	WNW	4	c	3	bc	53	41	—	
ENGLAND.																			
Dungeness ...	29.75	41	NW	3	bc	29.86	+1.3	42	41	+2	WNW	4	c	3	c	51	38	—	
North Foreland	29.68	42	NW	4	bc	29.84	+1.3	42	42	+1	W	3	op	3	bc	45	39	—	
London ...	29.77	42	WNW	1	bc	29.87	+1.3	41	39	+1	SW	2	0	*	c	45	38	—	
Oxford ...	29.82	41	WNW	3	bc	29.87	+1.3	42	39	+3	WNW	3	0	*	bc	45	38	—	
Cambridge ...	29.60	40	SW	2	0	29.82	+1.3	44	40	+3	W	3	0	*	0	50	38	—	
Yarmouth ...	29.61	40	W	5	bc	29.72	+1.3	40	39	+2	W	4	c	3	bc	44	37	—	
GERMANY & HOLLAND.																			
Cuxhaven ...	29.33	36	W	4	c	29.45	+1.2	35	35	0	WNW	4	c	*	c	38	35	0.16	
Berlin ...	29.38	35	W	4	0	29.47	+1.0	36	35	+3	WNW	5	c	*	0	39	33	0.24	
Wiesbaden ...	29.38	35	W	4	0	29.47	+1.0	36	35	+3	W	3	c	*	0	39	33	0.24	
Munich ...	29.38	35	W	4	0	29.47	+1.0	36	35	+3	W	3	c	*	0	39	33	0.24	
The Helder ...	29.38	35	W	4	0	29.47	+1.0	36	35	+3	W	3	c	*	0	39	33	0.24	
FRANCE AND BELGIUM.																			
Brussels (9 a.m.)	29.74	45	W	4	bc	29.84	+1.3	44	40	+1	WNW	4	0	*	bc	45	39	—	
Cape Gris Nez	29.86	45	WNW	3	c	29.83	+1.3	44	41	+5	WNW	2	0	*	c	45	39	0.04	
Paris ...	29.86	45	WNW	3	c	29.83	+1.3	44	41	+5	WNW	2	0	*	c	45	39	0.04	
Brest ...	29.86	45	WNW	3	c	29.83	+1.3	44	41	+5	WNW	2	0	*	c	45	39	0.04	
Lorient ...	29.86	45	WNW	3	c	29.83	+1.3	44	41	+5	WNW	2	0	*	c	45	39	0.04	
SPAIN.																			
Rochefort ...	29.02	50	WNW	6	7	29.14	+1.5	49	48	-1	WNW	5	7	*	7	54	48	0.20	
Belfort ...	29.02	50	WNW	6	7	29.14	+1.5	49	48	-1	WNW	5	7	*	7	54	48	0.20	
Lyons ...	29.02	50	WNW	6	7	29.14	+1.5	49	48	-1	WNW	5	7	*	7	54	48	0.20	
Nice ...	29.02	50	WNW	6	7	29.14	+1.5	49	48	-1	WNW	5	7	*	7	54	48	0.20	
Perpignan ...	29.02	50	WNW	6	7	29.14	+1.5	49	48	-1	WNW	5	7	*	7	54	48	0.20	
Biarritz ...	29.02	50	WNW	6	7	29.14	+1.5	49	48	-1	WNW	5	7	*	7	54	48	0.20	
PORTUGAL.																			
Corunna ...	29.33	35	W	5	bc	29.34	-0.1	47	45	-4	WNW	3	bc	*	bc	57	45	—	
Lisbon ...	29.33	35	W	5	bc	29.34	-0.1	47	45	-4	WNW	3	bc	*	bc	57	45	—	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Saturday, 6th Feb: 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.

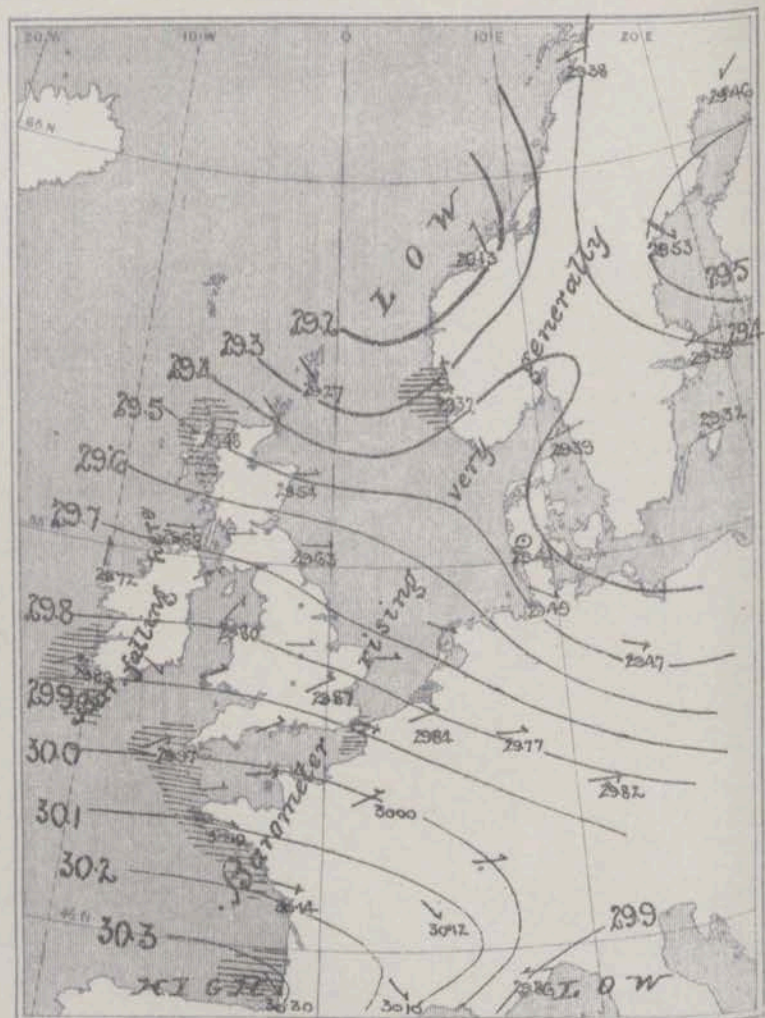
SEA DISTURBANCE—Where considerable, is shown thus:

☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrassan	29.873
Mullaghmore	29.861
Donschadoc	29.884
Hollyhead	29.914
Liverpool	29.931
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.893
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

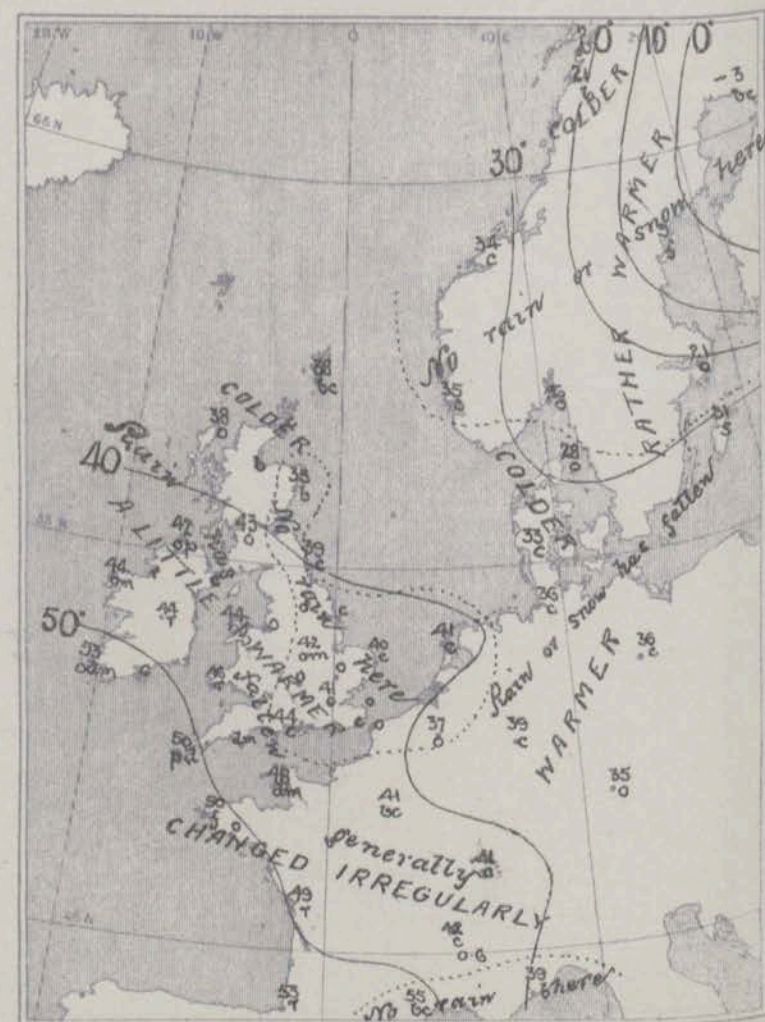
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL Inches.
	Day Max.	Day Min.	Day Avg.	Night Avg.	
Sumburgh Head	42.1	34.5	38.5	37.1	3.19
Stornoway	43.5	34.6	39.1	38.1	3.80
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.18
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	33.1	38.0	37.3	1.50
Spurn Head	42.3	33.9	38.1	37.6	1.36
York	44.5	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrassan	41.6	35.3	39.1	38.2	8.04
Mullaghmore	46.6	38.0	42.0	40.3	3.00
Donschadoc	45.6	36.9	40.3	39.3	2.42
Hollyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	39.2	41.9	37.4	1.09
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	39.7	44.6	42.9	1.95
Roche's Point	48.4	39.6	43.1	41.6	4.13
Pembroke	43.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.1	2.71
Prawle Point	46.8	38.1	41.5	40.3	2.02
Jersey	46.0	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	43.5	32.8	37.3	36.2	1.49
Yarmouth	49.0	34.5	38.2	37.1	1.82

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are only 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 Spanish Peninsula.
 Lowest, 29.2 in. and less, in a depression lying off the west of Norway.
 Gradients slight. Barometer rising in most places, but falling in the west and south of Ireland.

TEMPERATURE

Highest, 55° at Perpignan, 53° at Valencia Island and Binnitz, 52° at Rochepoint, 51° at Orient, and 50° at Sully and Rost.
 Lowest, -3° Fast. at Hopavanda, +5° at Hemsund, 21° at Kosi and Stockholm, 26° at Gaidar, and 28° at Skagen.
 During yesterday the thermometer rose to 50° or a little above at most of our extreme southern and south-western stations.

WIND

W³ over the greater part of Western Europe, but NW³ in the north of Scotland, and SW⁴ at some of our western and southern stations; light to fresh in force generally.
 SE³ or E² in the west of Norway, with a gale at Skudsmo; chiefly NE³ in Sweden.

WEATHER

Fine in the north and east of Scotland, but cloudy or overcast elsewhere, with rain at some of our western and south-western stations as well as in the south-west of France.
 Snow is falling at Wistby.
 Frost or snow fell yesterday in the extreme north of Scotland and rain in Denmark and Germany. A lunar halo was seen at Hurst Castle, and a corona at Mullaghmore.

SEA

Rough in the Bay of Biscay, and rather rough at Portsmouth, Valencia Island and Sully, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new fall of the barometer which has set in over Ireland seems to indicate the approach of further depressions but at present there are no reasons for supposing that these are of any great depth. Unsettled weather is, however, likely to spread eastwards over the United Kingdom.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	Wind backing to the S ² or SW ² ; fine to dull and some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	W ² to SW ² or S ² winds, freshening; dull, some rain.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	SW ² to S ² winds, freshening; dull, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S ² and SW ² winds, freshening; dull, squally, rainy.
9	IRELAND NORTH	Same as No 6 and 7.
10	IRELAND SOUTH	Same as No 8.
WARNINGS		NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Direc.	P.	WEA	SEA		BAR.	THER.		WIND Direc.	F.	WEA	SE.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.08	36	32	NE	6	o	5	Valencia ...	29.07	45	46	W	4	cm	4
Sumburgh Head ...	29.08	41	39	W	4	c	5	Scilly ...	29.07	45	47	W	4	bc	5
Stornoway ...	29.08	38	31	NW	6	s	6	Jersey ...	29.07	51	48	W	5	cm	4
Aberdeen ...	29.08	40	38	W	5	bc	4	Hurst Castle ...	29.07	47	44	W	4	bc	3
Shields ...	29.42	44	39	W	4	bc	2	Dungeness ...	29.05	45	44	W	6	c	4
Ardrossan ...	29.47	45	42	W	6	c	4	North Foreland ...	29.05	45	44	W	5	c	3
Malin Head ...	29.66	44	39	W	6	bc	5	London ...	29.07	45	44	W	3	c	4
Mullaghmore ...	29.71	44	42	W	5	bc	4	Yarmouth ...	29.07	44	40	W	6	bc	4
Belmullet ...	29.69	44	42	W	4	bc	4	Rocheport ...	30.00	50	50	W	6	o	4
Holyhead ...	29.69	44	42	W	4	bc	4								

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

Weather in morning fine and bright at most of the Scandinavian stations and in the north parts of our Islands, also on the shores of the Mediterranean, dull and very variable elsewhere. Rain showers in the western parts of our Islands and several parts of France, as well as over central and southern Russia, snow at Hermannstadt and Archangel, fog at the northern extremity of the Gulf of Bothnia. Rain later over the northern and western parts of our Islands and in the west of France, hail at Malin Hd.

Temperature risen over our Islands and the north of France, fallen over Central Europe. Morning readings exceeding 50° at the Mediterranean stations (except in the Riviera) and also on the Portuguese and western French coasts, exceeding 40° at most of our own and the French stations and in the south of Russia, much lower elsewhere. Lowest -4° F. at Staparunda and Herisund, 16° at Kuopio and Stockholm, 25° at Archangel, 29° at St Petersburg, 33° at Kiev, Hermannstadt, and Prague, 35° at Wick. Rising later to 61° at Perpignan, to upwards of 55° in the southwest of France, and to 50° or more on our own southwest coast.

Wind moderate to strong from W. and NW. over our Islands, W³ in France, SW³ over Germany, S³ in the north of Denmark, SE³ in Norway. Very variable and light over Russia and southern Europe, and a cyclonic circulation of light winds prevailing over the northeastern part of the Mediterranean. N³ and NW³ over Spain. No great change over western and northwestern Europe later.

Barometer highest 30.3 in: and more to 30.0 in: in the eastern part of an anticyclone spreading in from the Atlantic over the Iberian Peninsula and Algeria, exceeding 29.6 in: over the southwestern parts of our Islands and France and also over southern Russia, and exceeding 29.4 in: over Finland and the north of Sweden. Lowest 28.9 in: and less, in a depression over and in the neighbourhood of the Shetlands, 29.2 in: and less, in a secondary over Denmark, and 29.3 in: and less, in a shallow depression near Riga. Main disturbance in north beginning to fill up later, but secondary over Denmark growing deeper.

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.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Sunday, 7th February

1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. K. SCOTT, Secretary.																							
YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS			
STATIONS.	Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Weather.	Sea (10 to 9).	Shade Temp.			Amount of Rainfall.					
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (0 to 12).			Max.	Min.							
	Inch.	°				Inch.	°	°	°						°	°	Inch.						
SCANDINAVIA.																							
Haparanda ...	29.63	-2	Z	0	b	29.78	+ .32	3	2	+ 6	Z	0	f	#	b	3	-9	—					
Hernösand ...	29.69	8	N	2	o	29.82	+ .29	10	10	+ 5	N	2	o	#	o	10	-6	—					
Stockholm ...	29.61	22	ENE	2	o	29.73	+ .34	21	20	0	NNE	2	o	#	o	25	19	—					
Wisby ...	29.52	30	NE	4	b	29.67	+ .35	30	29	- 1	ENE	4	o	#	b	32	27	0.16					
Bodö ...	29.46	21	ENE	4	b	29.75	+ .37	22	20	+ 1	ENE	4	b	#	b	?	18	—					
BRITISH ISLANDS.																							
Christiansund...	29.32	35	(SW)	1	s	29.50	+ .37	35	30	+ 1	SW	4	bc	3	s	36	34	0.32					
Skudesnaes ...	29.47	37	WNW	2	c	29.62	+ .30	30	30	- 5	Z	0	bc	3	cs	37	30	—					
Christiania Fjord (Færder)	29.54	29	ESE	3	o	29.65	+ .28	31	30	+ 5	Z	0	o	2	o	?	20	—					
Skagen (The Scaw)	29.58	29	SSE	1	o	29.65	+ .26	30	29	+ 2	SW	1	o	0	o	30	27	—					
Fanö ...	29.62	35	W	4	b	29.67	+ .26	34	33	+ 1	W	4	b	#	b	36	32	0.04					
Sumburgh Head	29.44	37	NNW	3	r	29.56	+ .29	35	35	- 3	Z	0	o	3	bc	40	33	0.13					
Stornoway ...	29.61	37	NNW	4	o	29.63	- .05	45	44	+ 10	SW	6	r	6	bc	48	30	0.12					
Wick ...	29.67	36	NNW	2	bc	29.53	+ .12	40	40	+ 7	S	1	o	1	bc	40	32	0.16					
Nairn ...	29.62	40	W	2	c	29.55	+ .05	40	40	+ 4	Z	0	o	1	c	42	34	—					
Aberdeen ...	29.67	38	WNW	3	c	29.61	+ .09	39	37	+ 4	S	2	o	2	c	43	35	0.01					
Leith ...	29.70	40	W	2	b	29.65	+ .03	44	44	+ 6	W	2	rm	#	b	44	37	0.02					
Shields ...	29.72	43	WSW	2	c	29.73	+ .10	42	41	+ 3	SSW	2	r	2	c	44	38	0.02					
Spurn Head ...	29.77	41	W	2	cm	29.83	+ .15	41	40	0	SW	1	fa	2	cm	42	38	0.01					
York ...	29.78	44	W	1	o	29.80	+ .08	44	44	+ 2	S	1	o	#	c	47	39	0.03					
Loughborough	29.79	44	WSW	1	o	29.86	+ .09	47	46	+ 5	WSW	2	cm	#	o	47	42	0.01					
GERMANY & HOLLAND.																							
Ardrossan ...	29.74	49	W	4	o	29.66	00	47	47	+ 4	SSW	2	o	3	od	49	42	0.07					
Malin Head ...	29.76	43	W	3	o	29.62	- .06	47	47	+ 5	WSW	5	cm	3	or	48	42	0.06					
Mullaghmore ...	29.77	46	WNW	1	r	29.76	+ .06	49	49	+ 6	SSW	4	cm	4	orm	49	42	0.25					
Belmullet ...	29.80	49	W	2	o	29.72	+ .00	49	49	+ 5	WSW	5	o	#	orm	50	44	0.12					
Donaghadee ...	29.79	45	W	3	c	29.76	+ .04	50	50	+ 9	W	3	c	1	c	50	40	0.03					
FRANCE AND BELGIUM.																							
Liverpool (Hidston)	29.82	44	W	2	o	29.86	+ .09	47	47	+ 5	WSW	1	r	2	r	48	42	0.12					
Holyhead ...	29.81	45	SSW	2	m	29.87	+ .07	48	47	+ 4	SW	4	cm	3	rm	49	44	0.06					
Parsonstown ...	29.83	50	WSW	2	o	29.88	+ .09	50	47	+ 6	SW	2	r	#	o	51	42	0.10					
Valencia ...	29.97	57	WSW	3	o	29.99	+ .10	51	50	- 2	SW	6	cm	5	orm	53	49	0.15					
Roche's Point	29.91	52	WNW	4	c	29.97	+ .12	51	49	- 1	W	3	o	4	c	55	49	0.01					
PORTUGAL.																							
Pembroke (St. Ann's Hd.)	29.91	48	W	4	o	29.99	+ .12	47	47	+ 1	WSW	4	rf	4	o	49	45	0.11					
Scilly ...	30.01	50	WNW	6	m	30.12	+ .15	50	50	0	WNW	5	m	5	m	51	49	0.03					
Prawle Point ...	29.95	49	WNW	5	o	30.07	+ .11	48	48	+ 2	WSW	3	og	3	fr	49	45	0.21					
Jersey (St. Aubin's)	30.01	50	W	4	o	30.13	+ .10	49	49	+ 1	W	3	fa	3	o	51	47	0.18					
Hurst Castle ...	29.89	46	W	1	c	30.01	+ .08	46	46	+ 2	WSW	2	orm	2	cm	49	44	0.15					
SPAIN.																							
Dungeness ...	29.85	43	W	3	r	29.92	+ .06	44	44	+ 2	W	3	c	2	d	46	40	0.06					
North Foreland	29.74	44	W	3	o	29.91	+ .08	47	47	+ 5	W	2	og	2	o	47	41	—					
London ...	29.86	44	SW	1	o	29.94	+ .07	47	47	+ 6	SW	2	cm	#	cm	48	41	0.06					
Oxford ...	29.87	45	SW	1	o	29.95	+ .08	48	47	+ 6	SW	1	o	#	r	48	42	0.01					
Cambridge ...	29.85	44	SW	2	r	29.92	+ .10	48	47	+ 6	SW	1	o	#	r	48	41	0.02					
Portsmouth ...	29.79	43	W	3	c	29.87	+ .15	41	40	+ 1	W	2	cf	3	c	45	35	—					
ITALY.																							
Cuxhaven ...	29.65	36	WNW	3	b	29.75	+ .26	36	35	0	W	3	c	#	b	37	34	—					
Berlin ...	29.64	33	NNW	3	bc	29.76	+ .29	35	34	- 1	W	3	o	#	bc	41	32	—					
Wiesbaden ...	#	#	#	#	#	29.93	+ .16	41	39	+ 2	W	2	c	#	s	43	39	0.04					
Munich ...	29.86	34	SW	7	s	29.98	+ .11	35	34	0	W	5	o	#	s	35	32	0.08					
The Helder ...	29.81	39	WNW	1	bc	29.88	+ .27	40	39	- 1	W	1	f	#	bc	41	39	—					
NETHERLANDS.																							
Brussels (o.m.)	#	#	#	#	#	29.97	+ .13	40	40	+ 3	SW	1	f	#	o	44	37	—					
Cape Gris Nez	29.85	43	WSW	4	o	29.92	+ .09	45	?	+ 1	SW	2	f	3	o	46	37	0.08					
Paris ...	29.95	45	S	2	r	30.04	+ .04	50	49	+ 9	W	2	o	#	r	50	44	0.16					
Brest ...	#	50	W	4	f	?	?	50	49	0	W	3	f	5	f	50	48	—					
Lorient ...	30.13	50	W	5	o	30.20	+ .10	50	49	- 1	WNW	4	o	5	o	52	48	0.08					
FRANCE AND BELGIUM.																							
Rochefort ...	30.19	50	WNW	5	o	30.22	+ .08	49	49	0	WNW	5	r	#	o	52	48	0.08					
Belfort ...	?	38	W	3	r	?	?	42	38	+ 1	W	3	o	#	r	42	37	0.24					
Lyons ...	30.15	42	S	1	r	30.12	00	48	45	+ 6	NNW	3	bc	#	r	?	40	0.28					
Nice ...	29.86	46	Z	0	b	29.85	- .01	44	43	+ 5	Z	0	c	1	b	57	?	—					
Perpignan ...	30.17	57	NNW	5	o	30.14	+ .04	56	49	+ 1	NNW	6	c	#	o	60	53	—					
Bayonne ...	30.20	53	WNW	4	o	30.25	+ .05	52	50	- 1	WNW	4	o	5	o	54	48	0.04					
PORTUGAL.																							
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#				
Lisbon ...	30.32	56	N	5	b	30.34	00	47	45	0	ENE	3	b	#	b	63	46	—					

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Sunday, 7th Feb: 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.

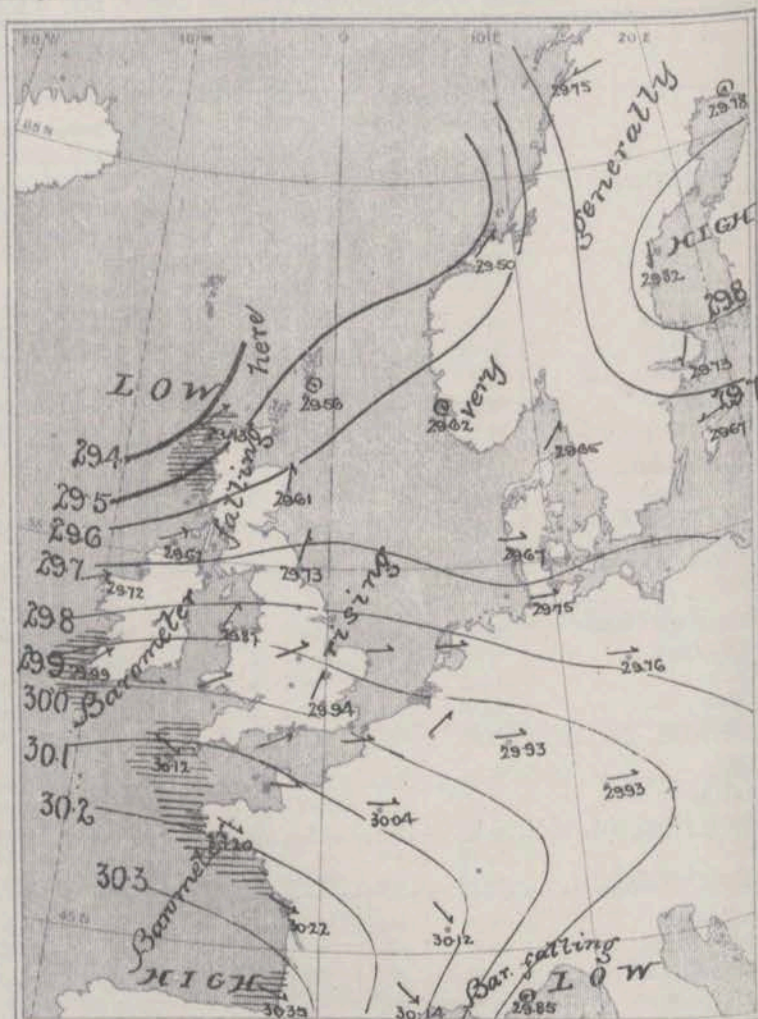
SEA DISTURBANCE—Where considerable, is shown thus:

⊖ = Rough, ⊕ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.903
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaglinmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.996
Valencia	29.619
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Pearle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

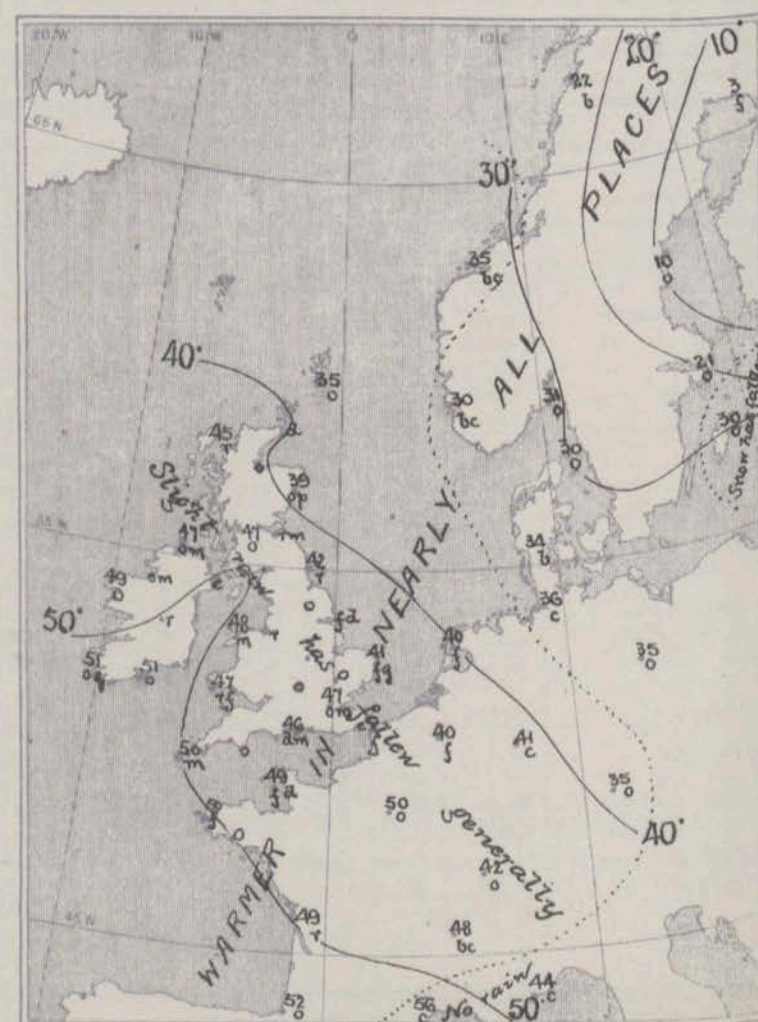
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE				RAINFALL (Inches.)
	DAY	DAY	NIGHT	MEAN	
Sumburgh Head	42.1	34.0	38.5	37.1	2.19
Stornoway	43.5	34.0	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	34.4	1.18
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.0	37.1	1.43
Shields	43.8	30.1	38.6	37.3	1.50
Spurn Head	42.3	33.0	38.4	37.6	1.36
York	44.0	33.0	37.5	36.4	1.70
Loughborough	45.4	33.9	37.5	36.4	1.78
Ardrossan	44.6	35.3	39.4	38.2	3.04
Mullaglinmore	46.6	38.0	42.0	40.3	3.65
Donaghadee	45.5	36.9	40.2	39.3	2.42
Holyhead	46.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	41.6	42.2	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.0	42.8	46.0	44.1	2.71
Pearle Point	46.8	38.1	41.6	40.5	2.02
Jersey	46.8	39.3	42.3	41.6	2.55
Hurst Castle	45.7	36.7	40.5	39.3	2.25
Dover	44.4	36.4	39.2	38.1	1.95
LONDON	45.8	35.1	38.0	37.1	1.73
Oxford	45.0	34.9	37.9	36.8	1.42
Cambridge	45.0	32.8	37.3	36.2	1.44
Yarmouth	42.6	34.0	38.2	37.1	1.82

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are actually 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 Spanish Peninsula and the southwest of France.
 Lowest, 29.4 in: and less, in a depression lying off the northwest of Scotland.
 Gradient slight generally, but moderate on our extreme west and north-west coasts.
 Barometer falling briskly in the Hebrides and to a less extent on our extreme western and northern coasts generally, but rising elsewhere.

TEMPERATURE

Highest, 56° at Perpignan, 52° at Biarritz, 51° at Valencia Island and Rocher Point and 50° at Rossmore, Sully, Lorient, and Paris.
 Lowest, 3° at Inupavut, 10° at Helsingfors, 21° at Stockholm, 22° at Berlin, and 30° at Vind, Shetland and Skagen.
 A decided ^{cut} has taken place over the greater part of the United Kingdom.

WIND

SW³ over the greater part of the United Kingdom; strong in force on our extreme western coasts, but light or moderate elsewhere.
 NW³ over France. W³ over Denmark, Germany and the Netherlands; variable over Scandinavia.

WEATHER

Bull over nearly the whole of Western Europe, with rain in many parts of the United Kingdom, and with fog over the Netherlands and the extreme southeast of England.
 Fine and bright in the west of Norway, fair in the south of France.
 Rain fell yesterday in most parts of our Islands and France, but the amounts were in most cases slight.

SEA

Rough at Stornoway and rather rough on our extreme southwest coasts, as well as in the Bay of Biscay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

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

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.

The SOUTH CONE has been hoisted this morning in districts 0-6. and parts of 1, 9. and 10.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.41	34	34	NW	1	s	5	Valencia ...	29.93	53	52	WSW	5	omg	4
Sumburgh Head ...	29.35	39	38	NW	3	bc	4	Scilly ...	30.01	51	51	W	6	m	5
Stornoway ...	29.56	43	42	NW	4	bc	4	Jersey ...	30.00	50	50	W	4	o	3
Aberdeen ...	29.59	42	37	WSW	3	c	2	Hurst Castle ...	29.88	44	44	SSW	2	orm	3
Shields ...	29.67	44	41	W	3	c	2	Dungeness ...	29.84	45	44	W	5	o	4
Ardrossan ...	29.68	49	49	W	4	c	3	North Foreland ...	29.82	46	45	W	3	o	3
Malin Head ...	29.71	45	44	W	4	o	3	London ...	29.86	48	45	W	2	om	#
Mullaghmore ...	29.74	48	46	SSW	2	om	3	Yarmouth ...	29.76	45	43	WNW	4	c	3
Belmullet ...	29.74	50	50	WSW	2	om	#	Rocheport ...	29.19	50	50	WNW	5	r	#
Holyhead ...	29.81	45	45	WSW	2	rmg	2								

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

Weather in morning fine and bright at most of the Mediterranean stations and in the south of Spain, and temporarily fine in the northeast of our Islands, in the northwest of Norway, and over Central Russia; cloudy or overcast elsewhere, with rain at our western stations and Biscay, rain and snow in eastern Austria, Poland, and southern Russia, and snow at Riga. Rain later, in small quantities, over our Islands, the North Sea, and greater part of France.

Temperatures in morning exceeding 50° at many stations on the western side of the Mediterranean, and the Atlantic coasts of France and the British Islands, and exceeding 40° over France and the United Kingdom generally, much lower elsewhere. Lowest -6° at Uleaborg, +1° at Hango, 2° at Helsingfors, 5° at Helsingland, 14° at Stockholm, 21° at Riga, 25° at Riga, 29° at Kiev. Rising later to between 50° and 55° in Ireland, Wales, and the west of France, to 57° at Nice, and to 60° at Perpignan, and to between 60° and 70° over the southern part of Italy, in Algeria, and at Tunis.

Wind (1) W over the greater part of our Islands, the Netherlands, Germany, and Austria, NW in Scotland, but SE in Norway; (2) very variable over the northern part of Russia; (3) mainly NW over the Mediterranean, variable over Spain. Breeze NW over North Germany later, and W over the southern half of Norway. The NW wind over the Mediterranean increasing to a gale in several places, but light SW winds felt over Italy.

Barometer highest 30.4 ins. and more to 30.0 ins. in an anticyclone over Spain, France, the Bay of Biscay, and western part of the English Channel, and exceeding 29.5 ins. over some parts of the Gulf of Bothnia. Lowest, 29.2 ins. and less, in a depression off the west of Norway. 29.3 ins. and less, in another over North Germany and the southern part of the Baltic, and about 29.2 ins. in another near Moscow. Depressions near Norway, and over the Baltic filling up partially later, and barometer rising over our Islands, falling over Spain.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
*AN ASTERISK is inserted in all places for which information is not usually received.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

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Weekly

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DAILY WEATHER REPORT

for Monday, 8th February, 1892.

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

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STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
	Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Shade Temp.					
			Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.		Dir.	Force (0 to 12).	Weather.	Weather.	Max.	Min.	Amount of Rainfall.
Inch.	°			Inch.	°	°	°									Inch.			
SCANDINAVIA.	Haparanda ...	29.83	8	Z	0	0	29.80	+0.2	1	0	-2	Z	0	C	#	0	28	1	-
	Hernösand ...	29.86	10	Z	0	0	29.85	+0.3	10	10	0	Z	0	S	#	0	12	3	0.04
	Stockholm ...	29.82	21	Z	0	0	29.81	+0.8	21	20	0	E.N.E.	2	0	#	0	25	19	-
	Wisby ...	29.76	25	N.E.	2	0	29.73	+0.6	21	21	-9	E	4	0	#	0	30	?	0.20
	Bodö ...	29.62	22	E	4	0	29.63	-1.2	22	20	0	E	4	0	2	0	23	18	-
SCANDINAVIA.	Christiansund...	29.54	32	S.S.E.	4	0	29.64	+1.4	29	28	-6	S.E.	3	0	4	0	25	28	-
	Skudesnaes ...	29.53	36	S.E.	4	0	29.64	+0.7	37	33	+7	S.E.	4	0	1	0	38	30	-
	Christiania Fjord (Færder)	29.66	32	S.S.E.	4	0	29.72	+0.7	29	27	-2	E.N.E.	3	0	1	0	32	28	-
	Skagen (The Scaw)	29.63	31	S.S.E.	4	0	29.66	+0.1	31	30	+1	S.E.	4	0	2	0	31	18	-
	Fanö ...	29.47	33	S.E.	4	0	29.48	-1.9	32	32	-2	E	6	0	#	0	37	32	0.82
BRITISH ISLANDS.	Sumburgh Head	29.33	39	S.S.E.	2	0	29.49	-0.7	42	42	+7	N	1	0	3	0	43	35	0.34
	Stornoway ...	29.38	47	W	4	0	29.63	+2.0	44	44	+1	N.W.	4	0	4	0	48	39	0.21
	Wick ...	29.34	40	S	1	0	29.56	+0.3	42	42	+2	N.W.	2	0	2	0	42	32	0.22
	Nairn ...	29.38	45	Z	0	C	29.89	+0.4	41	41	+1	S.S.W.	2	0	1	0	51	38	0.04
	Aberdeen ...	29.39	44	W	1	C	29.60	-0.1	41	40	+2	N.W.	3	0	2	0	48	38	0.15
BRITISH ISLANDS.	Leith ...	29.42	43	W	5	0	29.61	-0.4	42	42	-2	W	1	0	#	0	52	41	0.22
	Shields ...	29.48	48	W	6	0	29.54	-1.0	44	43	+2	W	3	0	2	0	53	40	0.13
	Spurn Head ...	29.57	48	W	6	0	29.60	-1.3	42	41	+1	W	3	0	3	0	49	40	0.05
	York ...	29.60	50	W	5	0	29.60	-2.0	45	44	+1	N.W.	1	0	#	0	53	40	0.14
	Loughborough	29.70	50	N.W.	5	0	29.66	-2.0	45	44	-2	N.W.	3	0	#	0	54	44	0.01
BRITISH ISLANDS.	Ardrossan ...	29.54	46	W	5	0	29.65	-0.1	44	43	-3	N.W.	2	0	1	0	48	43	0.28
	Malin Head ...	29.58	45	W	6	0	29.73	+1.1	45	44	-2	N.W.	5	0	3	0	48	44	0.31
	Mullaghmore ...	29.75	47	N.W.	6	0	29.84	+0.8	47	44	-2	N.W.	5	0	4	0	51	44	0.15
	Belmullet ...	29.75	48	W	4	0	29.92	+2.0	48	47	-1	N.W.	2	0	#	0	51	47	0.49
	Donaghadee ...	29.63	48	W	6	0	29.71	-0.5	45	45	-5	N.W.	5	0	3	0	53	42	0.15
BRITISH ISLANDS.	Liverpool (Bldston)	29.68	48	N.W.	7	0	29.66	-2.0	45	44	-2	W	5	0	4	0	53	44	0.19
	Holyhead ...	29.74	49	N.W.	5	0	29.73	-1.4	47	46	-1	N.W.	5	0	5	0	50	46	0.20
	Parsonstown ...	29.87	48	S.W.	2	0	29.91	+0.3	50	49	0	N.W.	2	0	#	0	58	47	0.33
	Valencia ...	30.02	51	N.W.	4	0	30.09	+1.0	50	49	-1	W	4	0	4	0	53	49	0.03
	Roche's Point	29.95	52	W	4	0	29.97	-0.0	53	51	+2	N.W.	6	0	4	0	55	48	-
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.90	48	W	6	0	29.85	-1.4	49	48	+2	W	7	0	7	0	49	47	0.05
	Scilly ...	30.07	49	N.W.	5	0	30.06	-0.6	49	49	-1	W	5	0	5	0	51	48	-
	Prawle Point ...	30.00	49	N.W.	6	0	29.98	-0.9	48	47	0	N.W.	5	0	4	0	49	47	0.02
	Jersey (St. Aubin's)	30.10	50	W	4	0	30.06	-0.7	50	48	+1	W	4	0	3	0	50	48	0.03
	Hurst Castle ...	29.94	47	N.W.	5	0	29.84	-1.7	46	46	0	W	6	0	2	0	48	45	0.05
BRITISH ISLANDS.	Dungeness ...	29.85	46	W	6	0	29.79	-1.3	45	44	+1	N.W.	4	0	4	0	48	43	-
	North Foreland	29.76	51	W	4	0	29.73	-1.9	46	44	-1	W	2	0	2	0	54	43	-
	London ...	29.82	52	N.W.	5	0	29.79	-1.5	46	45	-1	N.W.	3	0	#	0	53	45	0.02
	Oxford ...	29.83	47	W	3	0	29.77	-1.8	45	45	-3	N.W.	3	0	#	0	52	43	0.06
	Cambridge ...	29.77	48	S.W.	2	0	29.72	-2.0	46	44	-2	S.W.	2	0	#	0	56	41	-
BRITISH ISLANDS.	Yarmouth ...	29.69	50	W	4	0	29.67	-2.0	41	40	0	W	3	0	3	0	52	39	0.01
	Cuxhaven ...	29.77	38	W	1	0	29.45	-3.0	37	36	+1	E.S.E.	2	0	#	0	40	35	0.26
	Berlin ...	29.78	35	W	2	0	29.49	-2.7	34	33	-1	E	3	0	#	0	37	32	0.12
	Wiesbaden ...	#	#	#	#	#	29.65	-2.8	45	42	+4	W	4	0	#	0	50	41	0.08
	Munich ...	29.96	35	W	3	0	29.69	-2.1	42	41	+7	W	7	0	#	0	?	34	0.20
BRITISH ISLANDS.	The Helder ...	29.62	43	S.W.	3	0	29.60	-2.8	41	40	+1	N.W.	3	0	3	0	45	39	0.20
	Brussels (9 a.m.)	#	#	#	#	#	29.77	-2.0	42	42	+2	N.W.	4	0	#	0	49	40	0.08
	Cape Gris Nez	29.85	46	S.W.	4	0	29.81	-1.1	46	46	+1	W	4	0	4	0	48	43	-
	Paris ...	30.07	50	N.W.	1	0	29.95	-0.9	49	45	-1	N.W.	4	0	#	0	53	48	-
	Brest ...	?	50	W	3	0	?	?	50	48	0	W	3	0	4	0	52	46	-
FRANCE AND BELGIUM.	Lorient ...	30.19	50	W	3	0	30.16	-0.4	49	48	-1	N.W.	3	0	4	0	50	48	-
	Rochefort ...	30.25	48	N.W.	4	0	30.21	-0.1	48	48	-1	N.W.	4	0	#	0	50	45	0.04
	Belfort ...	?	42	W	3	0	?	?	46	41	+4	W	5	0	#	0	47	42	0.28
	Lyons ...	30.16	49	N.W.	1	0	30.11	-0.1	47	44	-1	N.E.	1	0	#	0	52	46	0.04
	Nice ...	29.92	47	S.W.	1	0	29.86	+0.1	45	42	+1	S.S.W.	2	0	2	0	58	44	-
FRANCE AND BELGIUM.	Perpignan ...	30.18	56	N.W.	4	0	30.13	-0.1	53	47	-3	N.W.	6	0	#	0	60	51	-
	Biarritz ...	30.29	51	N.W.	5	0	30.28	-0.7	52	48	0	W	5	0	3	0	54	46	0.28
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-
	Lisbon ...	30.27	54	N.W.	4	0	30.28	-0.6	46	45	-1	N.E.	3	0	#	0	66	46	-
																			-

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Monday, 8th February, 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

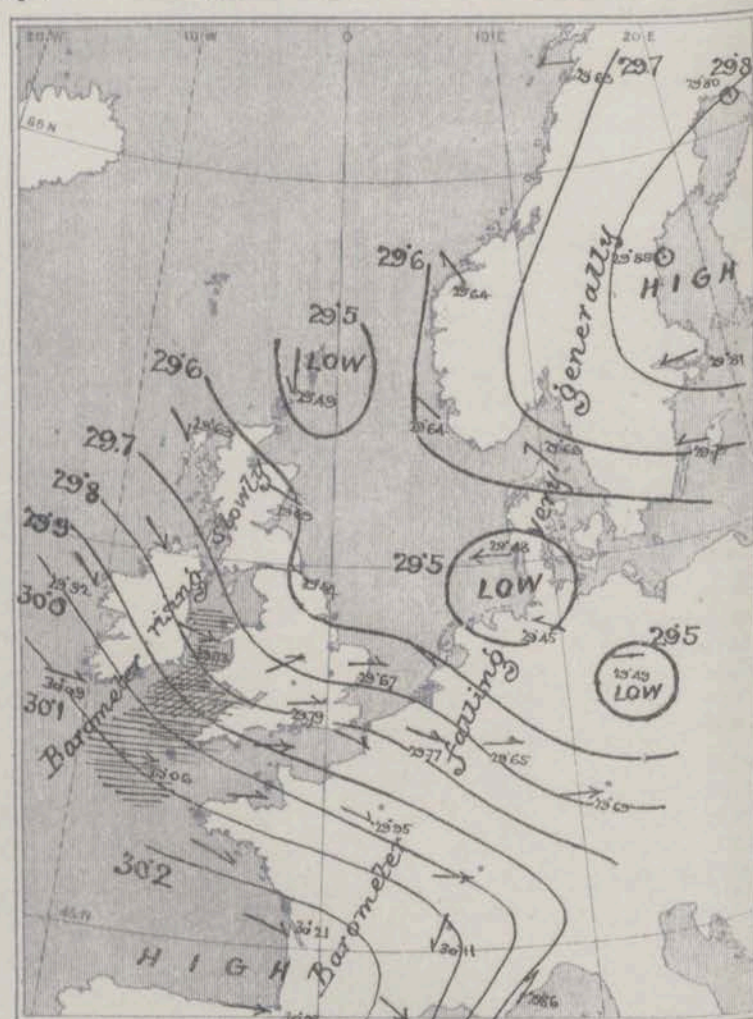
at 8.0 a.m. for the month of February.

During the 25 Years 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.774
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.905
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullagmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.996
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Selly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.983
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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 February.)

STATIONS.	TEMPERATURE.				RAINFALL. Inches.
	Daily MAX.	Daily MIN.	Daily MEAN.	Daily MAX.	
Sumburgh Head	42.1	24.5	38.5	57.1	3.19
Stornoway	43.5	34.6	39.1	58.1	3.86
Wick	43.1	33.2	38.1	56.7	2.04
Nairn	43.4	33.4	37.1	55.4	1.48
Aberdeen	43.2	33.8	37.3	55.7	2.35
Leith	45.7	34.3	38.6	57.1	1.45
Shields	43.8	35.1	38.6	57.3	1.50
Spurn Head	42.3	35.0	38.1	57.6	1.36
York	41.3	33.0	37.5	56.4	1.70
Loughborough	45.3	33.9	37.3	56.4	1.78
Ardrossan	41.6	36.5	39.1	58.2	3.04
Mullagmore	40.6	38.6	42.0	10.3	3.69
Donaghadee	45.5	36.9	40.3	59.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	57.3	1.69
Parsonstown	40.9	35.0	39.4	58.1	2.20
Valencia	49.7	19.7	41.6	42.9	4.05
Roche's Point	48.4	39.6	43.1	44.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Selly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	59.3	2.23
Dover	41.4	33.1	39.2	58.1	1.95
LONDON	45.8	35.1	38.6	57.4	1.73
Oxford	45.0	34.9	37.9	56.8	1.42
Cambridge	45.5	32.8	37.3	56.2	1.49
Yarmouth	42.6	34.5	38.2	57.4	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins and upwards, in a large anticyclone lying over the Spanish Peninsula and the southwest of France.
 Lowest, 29.5 ins and less, in three small depressions— one lying between the Shetlands and west of Norway, another over Holstein, and the third over Central Germany.
 Gradients moderate over the west and south of our Islands, but slight elsewhere.
 Barometer falling at all but the Irish and Scotch stations, — briskly in Germany.

TEMPERATURE

Highest, 53° at Rocherpoint and Lerpignan, 52° at Biarritz, and 50° at Parsonstown, Kilmac Island, Jersey, and Brest.
 Lowest, 1° at Haparanda, 10° at Helsingfors, 21° at Riga, Stockholm, and Malmö, and 23° at Christiansund and Faeröer.
 During yesterday the thermometer exceeded 50° in many parts of the United Kingdom; at Cambridge it reached 56°, and at Loughborough 57°.

WIND

NW² in Ireland and Scotland, but W over England, the western and northern parts of France and south Germany; fresh or strong in force on many parts of our own western and southern coasts.
 Moderate from SE. in the west of Norway, and from E. over Denmark, North Germany, and the south of Sweden.

WEATHER

Cloudy or overcast generally, with rain in many places, and with snow at Helsingfors and Faerö. Misty at the Channel stations.
 Fine and bright in the east of Norway.
 Since yesterday morning rain has fallen in most parts of the United Kingdom. Lunar halos were seen last evening at several of our southern stations.

SEA

High at Pembroke and rather rough at Sully, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions to the eastward of our Islands are likely to pass away from our area shortly, and some improvement in the weather is probable over England. The general appearance is, however, not at all settled.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

NW² winds, light or moderate; showery to fair.
 Same as N° 5
 W² winds, moderate or fresh; changeable, some showers.

DISTRICTS.

FORECASTS.

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

NW² to W² winds, fresh; changeable some showers.
 W² winds, fresh or strong; changeable, some showers.
 Same as N° 6 and 7
 Same as N° 8.

WARNINGS

At 10 am to districts 0, 6 and parts of 1, 9 and 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. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeanaes ...	29.61	38	36	SS E	4	0	3	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.38	48	47	W	4	0	4	Jersey ...	30.13	50	49	W	4	0.2	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.98	47	47	W	5	0	4
Ardrossan ...								North Foreland ...	29.83	52	51	W	4	0	2
Malin Head ...	29.47	45	44	W	6	0	4	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.71	50	47	WNW	7	0	4	Rocheport ...	30.26	48	48	WNW	4	m	4
Holyhead ...	29.76	48	47	SW	4	0.9m	4								

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

Weather in morning fine on the Norwegian coast and over Algeria, fair over the Iberian Peninsula, dull and unsettled elsewhere, rain falling in many parts of the United Kingdom and France, snow over central Russia, fog prevalent over many parts of northern Europe. Rain falling later at nearly all stations in our Islands and western Europe - the largest amounts (exceeding 0.5 ins.) being reported from the extreme west of Ireland, the Hebrides & Shetland.

Temperature high over western, low over northern Europe and rising in both localities, falling over Russia and central Europe. Morning readings 50° or more at the Algerian and some of the Spanish stations, as well as at Paris, Scilly and Valencia Island; exceeding 40° over our Islands and France generally, but much lower elsewhere. Lowest -4° at Kuopio, +3° at Haparanda, 8° at St. Petersburg, 10° at Helsingfors and Hernostrand, 28° at Odessa, 50° at Lemberg and Breslau. Rising later to between 50° and 56° in many parts of our Islands and France, to 60° at Perpignan, and to 66° at Lisbon.

Winds calm and light NE² over northern Europe, and the Baltic, light NE² over the Spanish Peninsula, SW² to W² over the British Islands, W² over France and western Germany, W² and NW² over Austria, Hungary, NW² to N² over the Mediterranean, calm over southern Russia. Becoming W² over our Islands later and blowing a strong breeze in many places.

Barometer highest (1) 30.4 ins. and more to 30.8 ins. in an anticyclone lying over Spain, France, the Bay of Biscay and extreme southwest of our Islands, (2) 29.8 ins. to 29.7 ins. over Finland, the north of Sweden and Lapland. Lowest 29.5 ins. and less in a depression off the NW of Scotland and in a series of shallow systems lying over Russia & Poland, below 29.9 ins. in another disturbance over the Gulf of Genoa and Corsica. Depression (secondary) crossing Scotland later and barometer beginning to rise in the west of Ireland.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 31ST JAN. TO 6TH FEB. 1932.

The weather of the past week was changeable and unsettled with frequent rain or snow in the west and northern parts of the Kingdom. In the east and southeast, however, the showers were interspersed with intervals of fine weather of considerable length.

Barometrical pressure was highest over the Spanish Peninsula and lowest in a series of depressions which skirted our extreme northern coasts, so that the prevailing winds were W² (SW. to NW.). The two most important disturbances were:

1. A large and deep system with minimum readings below 28.4 ins. which advanced to the north of Scotland on the 1st Feb. and which afterwards travelled away in a northeasterly direction. This disturbance occasioned strong winds or gales from the SW² in all parts of the Kingdom, with considerable amounts of rain in the west and north and with smaller quantities in the eastern and southern parts of the Kingdom.
2. A smaller depression with readings below 28.9 ins. which advanced to the northwest of Scotland on the night of the 3rd and which afterwards travelled slowly to the west of Norway where it gradually filled up. A strong gale from SW. was experienced in the Hebrides as the disturbance advanced while in its rear the wind blew with considerable force on our extreme north and northwest coasts generally.

At the close of the week some shallower systems were advancing over Ireland and England from the westward so that the weather in the more southern districts were becoming increasingly unsettled.

Temperature was considerably above the average in the western and southern parts of the Kingdom but in the north the weather after the first day or two was cold, the maximum temperatures being frequently below 40°. Night frosts were somewhat frequent over Great Britain.

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.

The evening observations are taken at 8 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Tuesday, 9th February.

1892.

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

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
	Barom.	Temp.	Wind.			Barometer.	Shade Temp.			Wind.							Shade Temp.		
	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 Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).			Max.	Min.	Amount of Rainfall.
	Inch.	°	°			Inch.		°	°	°							°	°	Inch.
SCANDINAVIA.	Haparanda ...	29.79	6	SE	2	0	29.86	+0.6	10	10	+9	SW	2	0	*	0	?	1	—
	Hernösand ...	29.79	15	SE	2	0	29.82	+1.5	—	—	—	2	0	6	*	0	16	?	—
	Stockholm ...	29.79	20	SE	2	0	29.80	+1.2	15	15	—	2	0	6	*	0	25	?	—
	Wisby ...	29.80	26	ENE	4	C	29.80	+1.3	25	24	+6	ENE	4	0	*	0	25	18	0.04
	Bodö ...	29.75	23	E	4	C	29.78	+1.0	27	26	+15	W	4	0	2	C	?	19	—
	Christiansund ...	29.82	25	SE	2	C	29.77	+1.3	26	23	+7	SW	2	0	4	C	26	?	—
	Skudesnaes ...	29.81	26	S	3	0	29.81	+1.4	28	26	+1	SE	5	0	4	0	29	16	—
	Christiania Fjord (Færder)	29.77	25	N	2	0	29.81	+1.6	27	25	0	WNW	2	0	1	0	?	25	—
	Skagen (The Scaw)	29.86	25	ENE	1	0	29.83	+1.4	26	25	—	WNW	2	C	0	0	20	19	—
	Fanö ...	29.80	25	ENE	4	C	29.80	+1.2	20	19	—	WNW	1	6	*	0	27	19	—
BRITISH ISLANDS.	Sumburgh Head	29.84	28	2	0	6c	29.82	+1.4	42	42	0	S	1	7	3	6c	43	26	0.09
	Stornoway ...	29.84	46	NW	2	0	29.80	+1.3	47	47	+3	W	4	0	4	6c	47	41	0.02
	Wick ...	29.85	42	NW	1	0	29.89	+1.3	48	42	+1	S	1	0	2	0	45	40	0.20
	Nairn ...	29.85	44	S	1	6c	29.80	+1.4	47	47	+6	SW	2	0	0	6c	48	40	0.07
	Aberdeen ...	29.85	44	NW	1	C	29.81	+1.4	42	41	+1	SW	2	0	2	6c	47	38	0.12
	Leith ...	29.87	44	W	1	6c	29.84	+1.3	44	44	+2	WNW	1	C	*	6c	44	40	0.04
	Shields ...	29.86	46	NW	2	C	29.86	+1.2	42	40	—	WNW	3	0	2	6c	47	37	0.04
	Spurn Head ...	29.82	43	NW	5	0	29.82	+1.3	41	40	—	SW	3	0	3	7c	43	40	0.21
	York ...	29.84	45	NW	2	0	29.84	+1.4	42	41	—	W	1	0	*	0	48	35	0.20
	Loughborough	29.85	46	W	3	0	29.85	+1.3	40	39	—	WNW	1	C	*	0	48	37	0.12
BRITISH ISLANDS.	Ardrossan ...	29.82	46	W	4	6	29.80	+1.3	44	44	0	SW	3	0	2	6	50	42	—
	Malin Head ...	29.89	45	NW	2	C	29.88	+1.4	46	46	+1	SW	4	0	3	6c	47	42	0.01
	Mullaghmore ...	29.83	46	NW	2	C	29.87	+1.4	48	48	+1	SW	4	0	3	6	48	45	0.04
	Belmullet ...	29.82	45	W	1	0	29.86	+1.4	47	47	—	WNW	1	0	*	6c	47	47	0.05
	Donaghadee ...	29.89	46	W	2	6	29.84	+1.3	44	44	—	WNW	2	0	0	6	47	42	—
	Liverpool (Bidston)	29.86	45	NW	2	6	29.87	+1.3	42	41	—	W	2	C	2	6	45	40	0.01
	Holyhead ...	29.87	46	NW	4	6	29.87	+1.3	45	44	—	WNW	1	0	2	6	48	41	0.01
	Parsonstown ...	29.86	44	2	0	6c	29.80	+1.3	47	45	—	W	0	0	*	6c	45	42	0.03
	Valencia ...	29.85	50	NW	3	gom	29.88	+1.3	49	49	—	WNW	1	0	1	omg	52	47	0.03
	Roche's Point	29.86	50	NW	4	C	29.85	+1.3	46	46	—	WNW	3	0	2	6	53	46	—
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.82	47	NW	3	6	29.83	+1.4	44	41	—	N	1	C	2	6	50	40	0.03
	Scilly ...	29.89	45	NW	6	C	29.83	+1.3	45	45	—	WNW	1	C	5	C	50	44	—
	Prawle Point ...	29.88	45	NW	2	6	29.85	+1.3	44	39	—	N	2	6	1	6	51	38	—
	Jersey (St. Aubin's)	29.88	45	NW	5	6c	29.82	+1.6	46	44	—	N	3	om	2	gpc	51	45	0.04
	Hurst Castle ...	29.88	47	NW	6	6c	29.81	+1.4	43	41	—	N	3	m	2	6	52	42	—
	Dungeness ...	29.80	44	N	7	0	29.87	+1.4	40	39	—	NW	3	C	2	6	51	29	0.13
	North Foreland	29.77	44	N	5	0	29.83	+1.3	41	41	—	NW	3	0	4	6	49	40	0.27
	London ...	29.83	45	N	4	6c	29.85	+1.3	42	40	—	SE	1	0	*	6	51	41	0.03
	Oxford ...	29.86	46	N	3	0	29.82	+1.3	40	39	—	NW	2	0	*	6	51	40	0.07
	Cambridge ...	29.82	48	NW	2	7	29.89	+1.3	41	40	—	NW	1	0	*	6	45	39	0.03
GERMANY & HOLLAND.	Yarmouth ...	29.82	42	NW	4	C	29.86	+1.3	39	37	—	SE	2	6	4	C	44	37	0.03
	Cuxhaven ...	29.69	33	ENE	3	C	29.80	+1.3	30	29	—	NW	2	6	*	C	3	25	0.03
	Berlin ...	29.67	33	E	2	S	29.81	+1.3	30	28	—	NW	2	C	*	S	36	25	0.03
	Wiesbaden ...	29.67	33	E	2	S	29.80	+1.3	30	28	—	N	4	6	*	*	45	34	0.04
	Munich ...	29.67	33	SW	3	7	29.80	+1.3	30	30	—	N	5	S	*	7	42	30	—
	The Helder ...	29.67	33	SW	3	7	29.80	+1.3	30	30	—	N	5	S	*	7	42	30	—
	Brussels (9 a.m.)	29.76	43	N	6	0	29.87	+1.3	32	32	—	ENE	3	C	*	0	46	37	0.20
	Cape Gris Nez	29.62	43	N	6	0	29.87	+1.3	32	32	—	ENE	3	C	*	0	46	37	0.20
	Paris ...	29.62	43	N	6	0	29.87	+1.3	32	32	—	ENE	3	C	*	0	46	37	0.20
	Brest ...	29.62	43	N	6	0	29.87	+1.3	32	32	—	ENE	3	C	*	0	46	37	0.20
FRANCE AND BELGIUM.	Lorient ...	29.86	50	NW	5	0	29.88	+1.2	48	48	—	NW	3	6	4	0	50	43	—
	Rochefort ...	29.86	49	NW	6	0	29.88	+1.2	48	48	—	NW	3	6	4	0	50	43	—
	Belfort ...	29.86	49	NW	6	0	29.88	+1.2	48	48	—	NW	3	6	4	0	50	43	—
	Lyons ...	29.84	47	ENE	1	7	29.89	+1.2	40	39	—	NW	4	7	*	7	53	38	0.32
	Nice ...	29.87	46	2	0	6c	29.86	+1.3	47	43	—	E	1	C	1	6c	55	41	—
	Perpignan ...	29.80	35	NW	4	6	29.80	+1.3	48	42	—	NW	6	0	*	6	53	44	0.12
	Biarritz ...	29.82	38	NW	5	0	29.81	+1.3	37	46	—	NW	4	0	4	0	53	46	0.12
	Cornwall ...	29.82	38	NW	5	0	29.81	+1.3	37	46	—	NW	4	0	4	0	53	46	0.12
	Lisbon ...	29.82	38	NW	5	0	29.81	+1.3	37	46	—	NW	4	0	4	0	53	46	0.12
	Lisbon ...	29.82	38	NW	5	0	29.81	+1.3	37	46	—	NW	4	0	4	0	53	46	0.12

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Tuesday 9th February, 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:

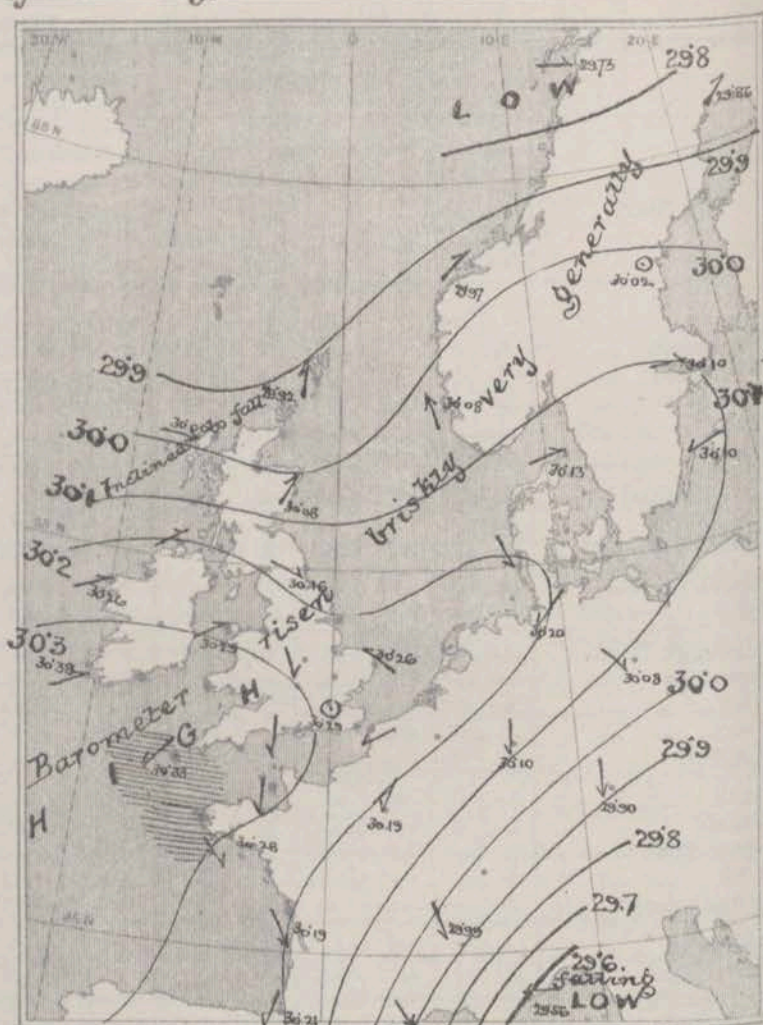
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of February

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.779
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Douaghades	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Silly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.995
Cambridge	29.979
Yarmouth	29.961



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.

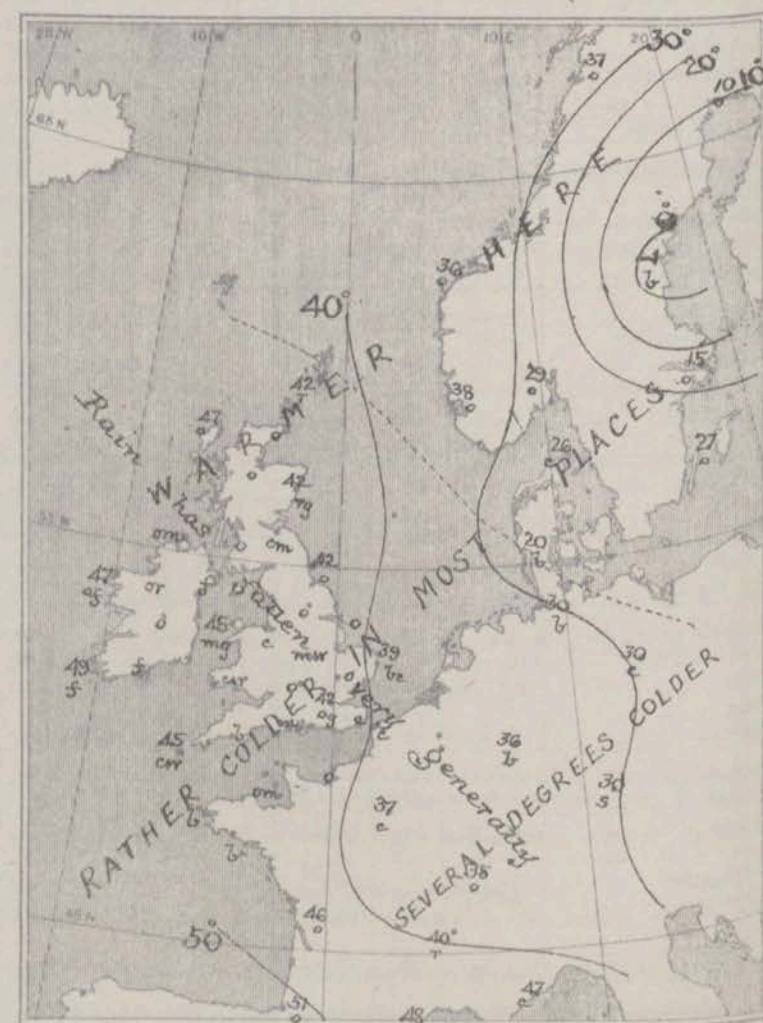
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Dry	Wet.	
Sumburgh Head	42.1	34.6	35.5	37.1	2.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	43.7	34.3	35.6	37.1	1.45
Shields	43.8	35.1	38.0	37.3	1.50
Spurn Head	42.3	35.9	38.1	37.6	1.36
York	44.0	34.9	37.5	39.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	36.3	39.4	38.2	3.04
Mullaghmore	45.0	38.0	42.0	40.3	3.09
Douaghades	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.3	39.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	1.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Silly	48.9	42.8	46.0	44.1	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.0	39.3	42.3	41.0	2.55
Hurst Castle	46.7	38.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.0	37.9	36.8	1.32
Cambridge	45.5	32.8	37.3	36.2	1.45
Yarmouth	42.6	31.5	38.2	37.3	1.82

NOTE. The Temperature means are for the 20 years 1871-90, the Rainfall means are a daily mean for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: and more to 30.2 in: in the eastern portion of an anticyclone spreading eastwards from the Atlantic across Ireland, England, and the north of France to Holland.
Lowest, (1) 29.6 in: and less, in a depression over the Gulf of Genoa and (2) 29.5 in: and less, over Lapland, and 29.3 in: and less, over the Shetlands.

Gradients very slight within the high pressure area, moderate for W² winds in the far north.

Barometer still rising except in the far north, where there is a tendency to fall again.

TEMPERATURE

Highest, 51° at Llanelli, 49° at Kilmoria Island, 47° at Stromness, 46° at Dungeness.

Lowest, (1) -1° F. at Hemsund, +10° at Haparanda, 15° at Stockholm; (2) 30° at Berlin and Munich; (3) 39° at Yarmouth, 40° at Loughborough and Oxford.
The daily maxima yesterday exceeded 50° over the south-western and southern part of our Islands and in many parts of France.

WIND

Moderate from SW. over the north-western and northern part of our Islands; light NE³ in the south and over France; very light and variable at our central stations and calm in some places.

It was very strong and squally (a gale in places) over our southeastern coasts during yesterday.

WEATHER

Changeable. In most places it is very gloomy; on our north-western and northern coasts rain is prevalent, and a similar condition is observed at Lyons. At Munich snow is falling.

Rainfall during yesterday was general, but not heavy in our Islands.

SEA

Rather rough at Lally and Brest, moderate at Stromness, on our southeastern coasts and over the Bay of Biscay, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high-pressure area is moving steadily to the southward, and the south-westerly winds and rain are likely to spread somewhat during the coming twenty-four hours.

FORECASTS

For the 24 hours ending at NOON on 10th FEB^{ry} 1892.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

1 SCOTLAND
EAST

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

W² and SW² breezes; some rain.

Same as No. 4.

Same as No. 5.

Wind becoming SW² again; milder, damp.

NE² airs, calms, and then W² breezes; changeable, gloomy, then fair and milder.

DISTRICTS.

FORECASTS.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

SW² winds, showery, unsettled.

Same as No. 5.

W² and SW² winds, freshening; showery.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.82	35	34	SE	2	bc	2	Valencia ...	30.16	52	51	N	4	om	4
Sumburgh Head ...	29.74	43	41	N	1	C	2	Scilly ...	30.27	50	50	NW	6	C	5
Stornoway ...	29.83	45	44	NW	5	bc	2	Jersey ...	29.74	50	49	N	5	op	4
Aberdeen ...	29.81	47	44	NW	5	bc	2	Hurst Castle ...	29.78	52	49	NW	6	bc	2
Shields ...	29.79	46	44	NW	2	C	2	Dungeness ...	29.60	50	49	NW	5	bc	2
Ardrossan ...	29.80	50	49	N	4	C	2	North Foreland ...	29.61	48	48	N	5	bc	2
Malin Head ...	29.79	46	45	NW	3	C	2	London ...	29.70	49	48	NW	6	bc	2
Mullaghmore ...	30.04	48	46	NW	4	C	2	Yarmouth ...	29.64	44	43	NW	4	C	2
Belmullet ...	30.05	50	48	NW	2	bc	2	Rochefort ...	30.15	49	49	NW	5	bc	2
Holyhead ...	29.82	47	45	NW	5	C	2								

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

Weather cloudy or overcast over the greater part of Europe, with rain in many of the western countries, and with snow at several of the Swedish, Russian, German, and Austrian stations. Fine over Spain, Algeria, and the southern parts of France and Italy. Very little change occurring during day, heavy squalls and showers passing over the southeast of England.

Temperatures highest (1) 57° at Malta, 55° at Cagliari, 54° at Barcelona; (2) 53° at Rock of Gibraltar, and 50° at Constantinople, Valencia Island, Jersey, and Brest; above 45° at many of our own western and southern stations. Lowest -3° at Krasnoyarsk, 1° at Kopenhaugen, 2° at Uleaborg, 5° at Kuopio, 10° at Helsingfors, and 14° at Helsinki; below the freezing point in most parts of northern and eastern Europe, and as low as 32° at Madrid. Raining during day to 50° or more at most of the English and Irish stations, and reaching 54° at Louth.

Wind W. to NW over our Islands, the Netherlands, and Western Germany, fresh or strong in force on our western and southern coasts and also in the south of France. Light or moderate from the E. (SE to NE) over Norway, Denmark, North Germany and the Baltic. Calm over the northern parts of Sweden; variable over Russia and Austria, chiefly SW in Italy and S in Algeria. Subsequently varying to the NW or N over the southeast of England, and blowing with the force of a moderate to a fresh gale.

Barometer 30.3 in. and upwards to 30.45 in. in an anticyclone lying over Spain, 29.8 in. and upwards in large areas lying respectively over Central Russia and the Gulf of Bothnia. Lowest 29.5 in. and less, in three small depressions, one lying near the Shetlands, another over Holstein, and the third near Berlin. Disturbance over Holstein subsequently travelling in a south-easterly direction over Belgium and France; barometer rising briskly over the northern part 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.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Wednesday, 10th February, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																							
YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.	Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 5).	Shade Temp.			Amount of Rainfall.						
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).		Max.	Min.								
	Inch.	°				Inch.	°	°	°														
SCANDINAVIA.																							
Haparanda ...	29.97	8	SW	2	o	29.87	+0.01	8	8	-2	SSW	4	4	4	12	5	0.04						
Hernösand ...	30.05	14	W	0	bc	29.85	-0.17	11	11	+12	W	0	bc	4	21	-6	-						
Stockholm ...	30.11	25	W	2	o	29.96	-0.14	27	26	+12	W	0	o	4	?	21.5	-						
Wisby ...	30.17	27	NW	4	o	30.03	-0.07	32	31	+5	WSW	4	o	4	?	21	0.04						
Bodo ...	29.82	34	E	2	b	29.43	-0.30	33	32	-4	E	4	S	2	37	2.8	-						
Christiansund...	29.80	38	SSW	4	o	29.66	-0.14	43	42	+7	SW	7	o	4	43	36	0.43						
Skudesnaes ...	30.04	41	SSW	4	+	29.94	-0.10	43	43	+5	WNW	4	+	3	?	37	0.28						
Christiania Fjord (Vierder)	30.09	25	N	2	bc	29.81	-0.27	28	27	-1	W	0	m	3	29	?	-						
Skagen (The Seaw)	30.09	33	WSW	4	o	29.91	-0.18	35	35	+9	WSW	4	+	2	37	25	0.12						
Faro ...	30.25	33	WSW	4	S	30.10	-0.10	34	34	+14	SW	4	m	4	34	19	0.12						
BRITISH ISLANDS.																							
Sumburgh Head	29.89	45	WNW	3	+	29.94	+0.02	46	46	+4	WNW	4	+	4	47	41	0.20						
Stornoway ...	30.07	47	W	4	o	30.10	+0.10	47	47	0	W	4	o	4	50	44	-						
Wick ...	30.04	47	NW	1	bc	30.10	+0.11	45	44	+2	NW	2	o	2	51	36	-						
Nairn ...	30.07	48	W	1	bc	30.14	+0.16	45	43	-2	W	1	bc	1	54	43	-						
Aberdeen ...	30.07	49	S	2	bc m	30.18	+0.10	40	38	-2	SW	2	bc m	1	53	35	0.03						
Leith ...	30.18	48	W	2	bc	30.23	+0.05	45	44	+1	WSW	3	o	2	52	43	-						
Shields ...	30.17	48	SW	4	c	30.21	+0.05	43	42	+1	WNW	3	o	2	49	39	0.03						
Spurn Head ...	30.23	42	WSW	2	f	30.24	+0.01	41	40	0	WNW	2	o	2	45	40	0.01						
York ...	30.24	48	W	1	bc	30.29	+0.05	42	40	0	W	1	o	1	48	39	0.02						
Loughborough	30.25	46	W	2	o	30.23	+0.03	47	45	+2	WNW	2	o	1	49	40	-						
GERMANY & HOLLAND.																							
Ardrossan ...	30.24	48	NW	2	o	30.29	+0.05	45	45	+1	W	2	o	2	49	44	-						
Malin Head ...	30.26	45	WSW	4	o	30.29	+0.11	44	44	-2	WSW	4	om	2	47	44	-						
Mullaghmore ...	30.33	47	SW	2	om	30.35	+0.08	46	46	-2	WSW	4	od	3	49	45	0.02						
Belmullet ...	30.30	48	WSW	2	om	30.34	+0.08	46	46	-1	W	2	o	1	49	45	0.07						
Donaghadee ...	30.29	51	SW	2	c	30.24	-0.00	45	45	+1	SW	2	f	0	44	43	-						
FRANCE AND BELGIUM.																							
Liverpool (Bidston)	30.30	47	W	5	+	30.35	+0.06	43	43	+1	W	3	o	2	47	42	0.05						
Holyhead ...	30.32	47	WSW	2	dm	30.37	+0.08	45	44	0	WNW	1	og	2	49	44	0.02						
Parsonstown ...	30.37	49	WSW	1	o	30.41	+0.11	45	44	-2	SW	1	o	1	51	44	-						
Valencia ...	30.43	49	SW	1	o	30.46	+0.08	47	46	-2	WSW	1	o	2	53	45	0.04						
Roche's Point	30.38	49	WSW	2	o	30.40	+0.05	47	45	+1	W	2	o	3	50	45	-						
SPAIN & PORTUGAL.																							
Pembroke (St. Ann's Hd.)	30.37	48	W	0	o	30.41	+0.08	46	45	+5	WNW	3	og	3	48	38	0.02						
Scilly ...	30.38	48	NW	1	bc	30.41	+0.08	48	48	+3	N	5	o	4	51	44	0.02						
Prawle Point ...	30.39	45	NW	2	b	30.42	+0.07	46	46	+5	NW	1	og	0	53	40	-						
Jersey (St. Aubin's)	30.39	48	WNW	2	om	30.41	+0.09	48	46	+2	NW	2	om	2	51	41	-						
Hurst Castle ...	30.37	45	WSW	2	c	30.38	+0.07	45	44	+2	W	2	om	2	52	42	-						
AFRICA & ASIA.																							
Dungeness ...	30.33	41	SSW	3	o	30.30	+0.03	44	44	+4	W	3	f	2	45	39	0.07						
North Foreland	30.31	39	SSW	2	+	30.31	+0.08	45	44	+4	W	1	f	2	45	38	0.08						
London ...	30.34	45	WSW	1	gm	30.33	+0.04	45	47	+6	SW	1	ogm	1	49	41	0.04						
Oxford ...	30.33	46	WSW	2	o	30.35	+0.03	48	47	+8	NW	2	o	1	49	40	-						
Cambridge ...	30.31	43	NW	1	+	30.31	+0.02	48	47	+7	WNW	1	o	1	49	39	0.02						
Yarmouth ...	30.27	40	SW	4	o	30.25	-0.01	45	45	+6	WNW	2	f	4	45	37	0.08						
AMERICA.																							
Cuxhaven ...	30.32	32	W	1	o	30.27	+0.07	32	31	+2	SW	3	S	4	34	30	-						
Berlin ...	30.33	30	NW	3	c	30.38	+0.30	25	24	-5	WSW	2	c	4	34	25	-						
Wiesbaden ...	#	#	#	#	#	30.42	+0.32	27	26	-9	NE	2	c	4	43	25	-						
Munich ...	30.28	26	NW	1	S	30.38	+0.48	18	18	-12	SE	2	b	4	30	16	0.04						
The Helder ...	30.36	35	S	1	c	30.26	-0.10	37	37	-	SW	3	f	3	34	34	0.04						
OTHER STATIONS.																							
Brussels (9 a.m.)	#	#	#	#	#	30.38	-	33	32	-	SW	3	o	4	37	30	-						
Cape Gris Nez	30.33	40	SW	1	+	30.30	+0.13	39	38	+2	SSW	4	+	3	43	34	0.04						
Paris ...	30.38	36	NNE	2	o	30.41	+0.22	31	30	-6	SSW	1	bc	4	?	30	-						
Brest ...	?	47	N	1	b	?	?	47	46	+5	N	2	f	5	52	39	-						
Lorient ...	30.38	49	NE	2	b	30.41	+0.13	46	45	-2	N	1	o	4	50	46	-						
AFRICA & ASIA.																							
Rocheport ...	30.31	44	N	3	b	30.40	+0.21	36	33	-10	ESE	3	bc	4	50	32	-						
Belfort ...	?	30	E	4	bc	?	?	28	28	-7	E	4	bc	4	46	24	-						
Lyons ...	30.17	37	N	5	c	30.30	+0.31	27	24	-13	WNW	3	b	4	42	27	0.04						
Nice ...	29.67	48	NW	1	b	29.99	+0.43	39	?	-8	NE	5	b	6	57	37	-						
Perpignan ...	29.99	46	NW	6	o	30.15	+0.25	40	35	-8	NW	6	c	4	52	38	-						
Biarritz ...	30.30	50	NNE	2	o	30.37	+0.16	35	33	-16	E	3	b	3	51	32	-						
AFRICA & ASIA.																							
Corunna ...	#	#	#	#	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Lisbon ...	30.11	59	WNW	3	b	30.13	-0.03	49	43	+1	NNE	5	b	4	66	48	-						

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Wednesday, 10th February, 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:

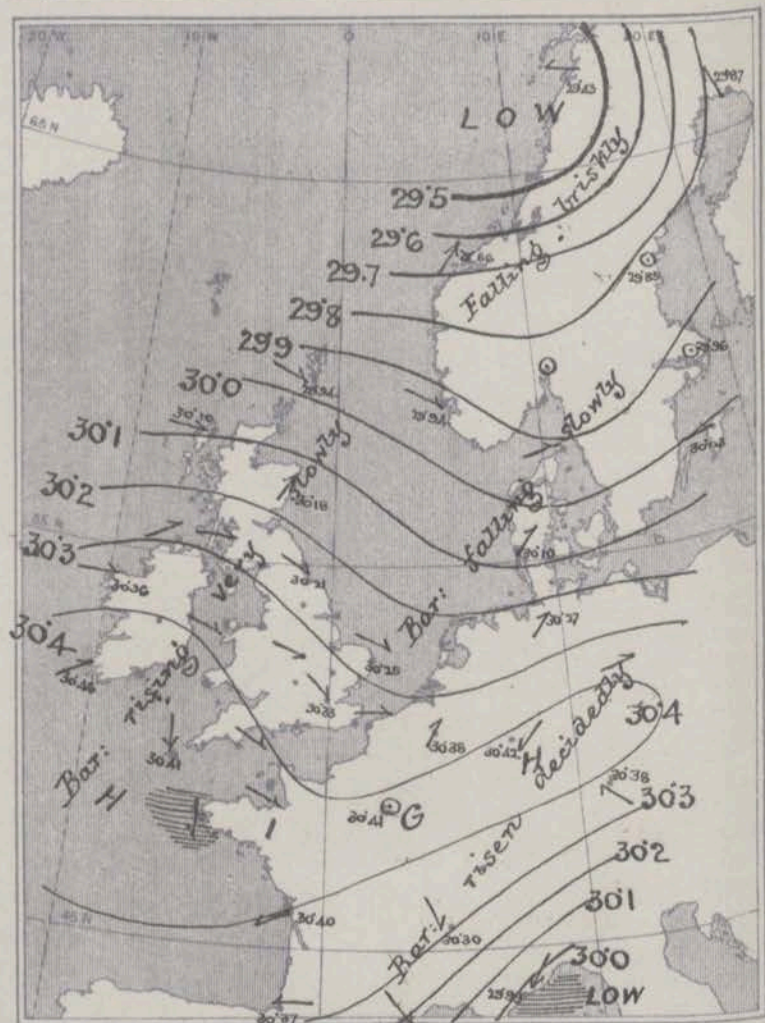
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

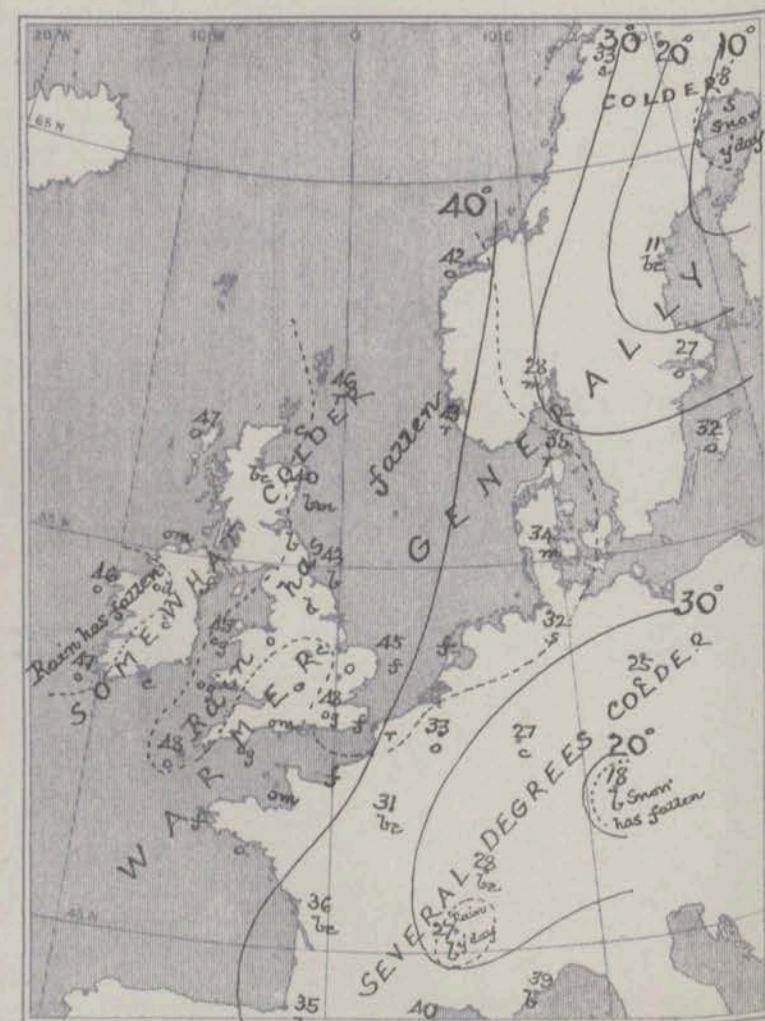
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.4	34.5	33.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.30
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	35.3	39.4	38.2	3.04
Mullaghmore	46.6	38.6	42.0	40.3	3.00
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.6	40.6	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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 30.2 ins: in the eastern part of an anticyclone spreading eastwards from the Atlantic across Ireland, England, and France to Germany.
Lowest, (1) 29.5 ins: and less, in a depression over the north of Norway; (2) 30.0 ins: and less, in another over the Gulf of Genoa and Corsica.

Gradients slight over Ireland, England, and France.

Barometer very steady in our Islands, falling over Lapland and the north of Scandinavia.

TEMPERATURE

Highest, 45° at Lisbon, 48° at Seilly, and in London, 47° at Valencia Island and Stromway.

Lowest, (1) 8° F. at Haparanda, 11° at Helsingfors; (2) 18° at Munich, 25° at Berlin, 27° at Lyons, and 31° at Paris.

It has risen decidedly over England and Denmark, fallen over France and Germany since yesterday. The air over our Islands is damp and misty.

WIND

(1) W³, light to moderate, over the northern part of our Islands and the south of Norway, E² over Lapland.

(2) NW³ to W³, light over England, N³ to E³ in France and Spain.

The N³ wind is rather strong in the south of France.

WEATHER

Fine and bright over the east of Scotland and northeast of England, as well as over France and South Germany;

dull and gloomy in most other regions, foggy or misty in places.

Snow is reported both at Cuthaven, Haparanda, and Rodo.

SEA

Slight or smooth generally, but moderate off the north of Scotland, and rough or rather so at Christ and Nice.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no decided indication of any important change.

FORECASTS

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

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

Varying W³ (SW to NW) winds; dull,
rain at times.

1 SCOTLAND
EAST

NW³ to W³ winds, light; fair, mild.

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

NW³ breezes, light; gloomy and
misty to fair.

DISTRICTS.

FORECASTS.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

SW³ and W³ winds; dull, rain
at times.

Same as No. 3.

SW³ and W³ winds, fair, but dull
and damp.

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.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnes ...															
Sumburgh Head ...	29.88	46	46	WSW	2	r	3		30.44	55	51	SW	2	c	2
Stornoway ...	30.04	49	49	W	5	c	5		30.38	50	49	WSW	3	c	3
Aberdeen ...	30.06	51	49	SW	1	bc m	2		30.37	48	46	E	3	c	3
Shields ...	30.16	47	46	SW	3	c	2		30.35	47	45	SSW	2	m	2
Ardrossan ...	30.22	45	48	Z	0	o	0		30.33	42	40	ENE	1	c	1
Malin Head ...	30.23	47	47	SW	4	of	3		30.32	40	39	SSE	2	o	4
Mullaghmore ...	30.30	49	49	SW	3	om	3		30.32	49	47	WSW	1	o g m	0
Belmullet ...	30.32	48	48	WSW	2	o	0		30.27	41	39	SSW	3	c	0
Holyhead ...	30.32	47	46	SW	3	nga	2		30.28	46	42	WSW	4	bc	0
Valencia ...															
Scilly ...															
Jersey ...															
Hurst Castle ...															
Dungeness ...															
North Foreland ...															
London ...															
Yarmouth ...															
Rocheport ...															

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

Weather dull over the greater part of our Islands and the Continent, with fog on the Irish coast, rain at several of our northern and northwestern stations, as well as at Lyons and Buda Pesth and snow at Munich, Vienna, and Romburg. Fine over Algeria and also over the western part of the English Channel. Slight rain falling during day in many parts of the United Kingdom and larger amounts at some of the Danish and Norwegian stations.

Temperature highest 57° at Malta, 56° at Barcelona, and 55° at Palma, Algiers, and Palermo, above 50° at most of the Mediterranean stations and also on the north coast of Spain, above 45° in many parts of Ireland and Scotland. Lowest -2° F. at Uleaborg and Norrjö, -1° at Herraönd, 0° at St Petersburg, +2° at Kuopio and 5° at Riga; below the freezing point over the greater part of northern, eastern, and central Europe. Rising during day to 50° or more at several of our own stations, the highest reading being 54° at Naam. Exceeding 55° in the extreme south of France and reaching 66° at Lisbon.

Wind light or moderate from the SWnd over the northwest and north of our Islands, as well as in many parts of Scandinavia. Light or moderate from the Nnd over the southern part of the United Kingdom, and moderate to fresh from the same quarters over France, Spain and Germany. Light and variable in Russia and Austria; variable but chiefly E^{ly} in Italy, NW^{ly} in Tunis, S^{ly} in Algeria. Subsequently backing to the SEnd in the west of Norway; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards, in an anticyclone extending from the Atlantic over the southern portions of the United Kingdom and the extreme northwestern parts of France and Spain. Lowest 29.5 ins. and less, in two small depressions lying respectively over Galicia and over the Gulf of Genoa; 29.6 ins. and less, in an irregularly formed area extending from the former to the latter region and embracing the greater part of Italy; 29.8 ins. and less, over the northern part of Russia and Scandinavia. Anticyclone spreading further eastward during day, and barometer rising in most parts of Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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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 Thursday, 11th February, 1892.

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

		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (10 to 9).	SHADE TEMP.			Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (10 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (10 to 12).		Weather.	Max.	Min.			
		Inch.	°				Inch.	°	°	°								Inch.		
SCANDINAVIA.	Haparanda ...	29.49	19	SE	6	S	129.38	- .49	10	10	+ 2	W	2	bc	#	S	19	7	0.16	
	Hernösand ...	29.65	32	S	4	bc	129.67	- .18	27	26	+ 16	SW	2	b	#	bc	32	3	0.08	
	Stockholm ...	29.81	32	W	2	0	129.86	- .10	27	26	0	W	2	b	#	0	34	23	0.04	
	Wisby ...	29.82	33	W	4	0	129.90	- .13	34	34	+ 2	W	4	0	#	0	34	25	0.24	
	Bodo ...	29.37	37	WSW	6	S	129.39	- .04	35	33	+ 2	WSW	6	C	3	m	39	39		
SCANDINAVIA.	Christiansund...	29.80	39	WSW	7	T	29.84	+ .18	38	37	- 5	W	8	T	6	T	43	37	0.16	
	Skudesnaes ...	30.04	43	NW	2	C	30.11	+ .17	42	41	- 1	WNW	1	T	3	00	44	39	0.08	
	Christiania Fjord (Fierder)	29.84	28	N	2	f	29.92	+ .11	34	32	+ 6	WNW	4	C	2	f	?	27		
	Skagen (The Scaw)	29.88	36	NW	1	b	29.96	+ .08	38	37	+ 3	NW	2	C	0	b	38	34	0.12	
	Fanö ...	30.11	38	NW	4	T	30.17	+ .07	37	37	+ 3	WNW	4	m	#	T	37	34	0.12	
BRITISH ISLANDS.	Sumburgh Head	30.04	43	WNW	2	0	29.99	+ .05	46	46	0	W	4	m	4	0	48	41	0.05	
	Stornoway ...	30.14	48	W	4	T	30.21	+ .11	48	47	+ 1	W	4	0	4	T	49	45	0.03	
	Wick ...	30.17	46	NW	4	0	30.19	+ .09	48	47	+ 3	NW	6	00	3	C	51	43	0.02	
	Nairn ...	30.18	49	W	1	bc	30.24	+ .10	47	47	+ 2	SW	2	C	1	bc	51	43		
	Aberdeen ...	30.21	46	W	1	C	30.29	+ .11	46	44	+ 6	WSW	2	bc	1	bc C	51	40		
BRITISH ISLANDS.	Leith ...	30.27	48	W	2	b	30.35	+ .12	47	45	+ 2	W	3	bc	#	b	50	43		
	Shields ...	30.29	47	W	2	b	30.33	+ .12	44	43	+ 1	W	3	bc	2	bc b	51	40		
	Spurn Head ...	30.30	43	WNW	2	C	30.38	+ .14	40	39	- 1	W	3	00	2	C	46	39		
	York ...	30.33	47	W	1	b	30.42	+ .13	35	34	- 7	WNW	1	b	#	bc	52	35		
	Loughborough	30.34	42	WNW	2	b	30.40	+ .12	39	39	- 8	WNW	1	bc m	#	b	52	39		
BRITISH ISLANDS.	Ardrossan ...	30.33	46	W	2	0	30.41	+ .12	46	46	+ 1	W	3	0	2	0	48	44		
	Malin Head ...	30.32	45	WSW	5	0	30.42	+ .13	45	44	+ 1	WSW	4	0	2	0m	46	44	0.02	
	Mullaghmore ...	30.40	47	SW	3	0p	30.48	+ .13	46	45	0	SW	4	0pm	3	p 0	49	45	0.03	
	Belmullet ...	30.41	48	W	2	0	30.48	+ .14	45	45	- 1	WSW	2	0	#	0m	49	45	0.02	
	Donaghadee ...	30.38	48	WSW	2	C	30.47	+ .13	45	44	0	W	2	bc	0	C	49	44		
BRITISH ISLANDS.	Liverpool (Bidston)	30.40	44	W	3	0	30.47	+ .12	44	43	+ 1	W	3	0	3	0	45	43		
	Holyhead ...	30.41	46	WNW	1	0g	30.49	+ .12	45	45	0	NW	2	0g	2	0g	47	45		
	Parsonstown ...	30.44	47	Z	0	0	30.54	+ .13	43	42	- 2	Z	0	0	#	0	49	42	0.02	
	Valencia ...	30.49	47	W	1	0v	30.56	+ .10	46	44	- 1	WNW	1	0g	1	0v	49	43	0.04	
	Roche's Point	30.47	48	NW	1	0	30.54	+ .14	45	43	- 2	WNW	2	0	3	0	50	45		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	30.44	47	WNW	3	0	30.52	+ .11	46	44	0	WNW	1	0g	2	0	48	45		
	Scilly ...	30.45	47	NW	2	0pm	30.51	+ .10	47	44	- 1	NNE	4	bc	4	pm c	49	43		
	Prawle Point ...	30.43	46	NW	2	0	30.50	+ .08	42	41	- 4	NNE	2	0	1	0	51	41		
	Jersey (St. Aubin's)	30.44	48	NW	3	0m	30.48	+ .07	46	44	- 2	WNW	2	0m	2	2m	50	45	0.01	
	Hurst Castle ...	30.40	46	WNW	2	m	30.48	+ .10	43	42	- 2	NE	1	Cm	1	0m	49	43		
BRITISH ISLANDS.	Dungeness ...	30.33	46	NW	3	m	30.40	+ .10	43	42	- 1	WNW	3	m	2	m	48	42	0.01	
	North Foreland	30.33	45	WNW	2	0f	30.38	+ .07	42	41	- 3	NW	2	0g	3	f 0	47	41		
	London ...	30.38	47	WNW	1	0	30.43	+ .10	43	41	- 5	WSW	1	0g	#	0gm	49	42		
	Oxford ...	30.42	44	W	2	C	30.46	+ .11	44	42	- 4	WNW	1	0	#	0c	49	42		
	Cambridge ...	30.37	47	WNW	1	C	30.44	+ .13	42	42	- 6	WNW	1	C	#	C	52	38		
BRITISH ISLANDS.	Yarmouth ...	30.30	48	NW	3	bc	30.38	+ .13	41	40	- 4	W	3	C	3	C bc	47	38		
	Cuxhaven ...	30.16	37	W	4	T	30.24	- .03	39	39	+ 7	WNW	2	f	#	T	40	32	0.12	
	Berlin ...	30.21	31	SW	3	S	30.19	- .19	36	36	+ 11	W	4	f	#	S	36	25	0.08	
	Wiesbaden ...	#	#	#	#	#	30.41	- .01	36	34	+ 9	Z	0	0	#	Z	36	27		
	Munich ...	30.39	22	Z	0	C	30.40	+ .02	25	24	+ 7	S	4	0	#	C	27	18		
BRITISH ISLANDS.	The Helder ...	30.32	41	NW	1	C	30.38	+ .12	40	39	+ 3	NW	1	C	1	C	41	37	0.04	
	Brussels (p.m.)	#	#	#	#	#	30.43	+ .05	37	37	+ 4	SSW	1	f	#	f	37	33		
	Cape Gris Nez	30.32	42	Z	0	f	30.38	+ .08	43	42	+ 4	Z	0	m	1	f	46	37	0.08	
	Paris ...	30.42	38	E	1	0	30.42	+ .01	38	38	+ 7	N	1	f	#	0	40	31		
	Brest ...	?	48	N	1	0	?	?	46	45	- 1	N	1	0	5	0	52	45		
FRANCE AND BELGIUM.	Lorient ...	30.44	50	W	2	0	30.45	+ .04	46	43	0	NNE	2	0	3	0	50	45		
	Rochefort ...	30.40	42	N	3	0	30.39	- .01	45	45	+ 9	N	3	m	#	C 0	45	34		
	Belfort ...	?	29	E	3	bc	?	?	30	26	+ 2	E	2	b	#	bc	36	27		
	Lyons ...	30.32	34	N	5	b	30.33	+ .03	31	26	+ 4	N	2	bc	#	b	36	23		
	Nice ...	30.08	42	NNE	5	b	30.15	+ .16	35	?	- 4	NNE	3	bc	2	b	46	34		
FRANCE AND BELGIUM.	Perpignan ...	30.23	41	W	4	b	30.23	+ .08	41	33	+ 1	NW	4	b	#	b	50	37		
	Biarritz ...	30.38	47	NNE	5	b	30.44	+ .04	37	34	+ 2	SSW	1	b	2	b	47	32		
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
	Lisbon ...	30.13	58	N	3	b	30.21	+ .08	46	38	- 3	NNE	5	b	#	b	63	48		

For Explanation of Columns, see bottom of p. 1.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Thursday, 14th February 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:

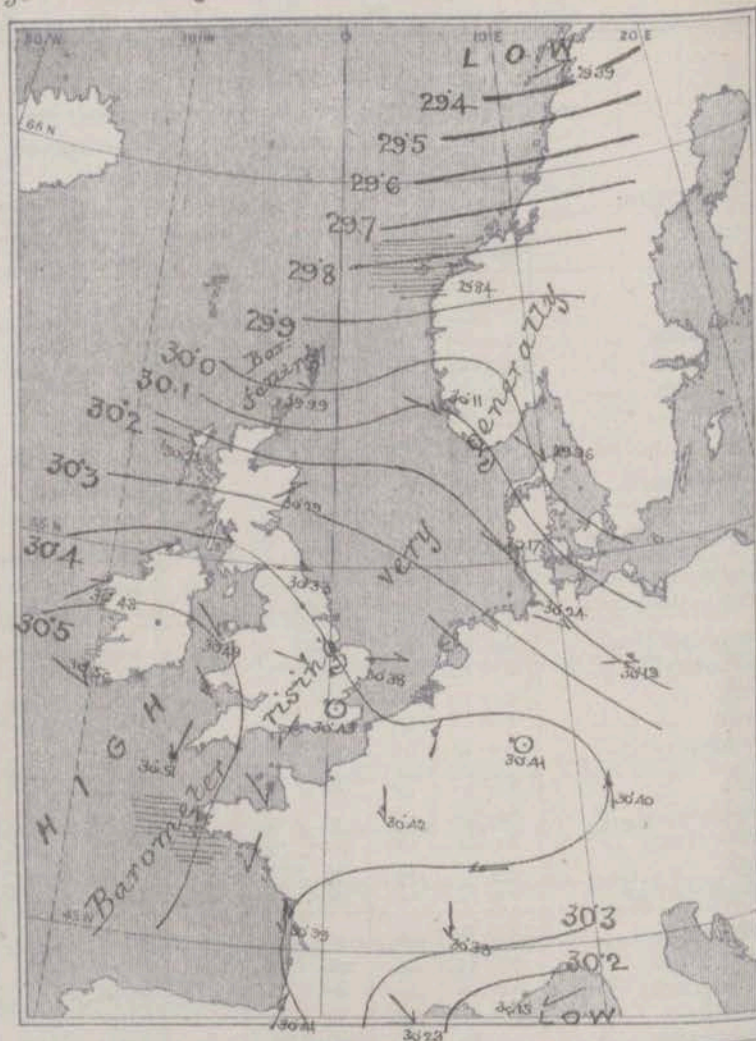
☐ = Rough. ☐ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

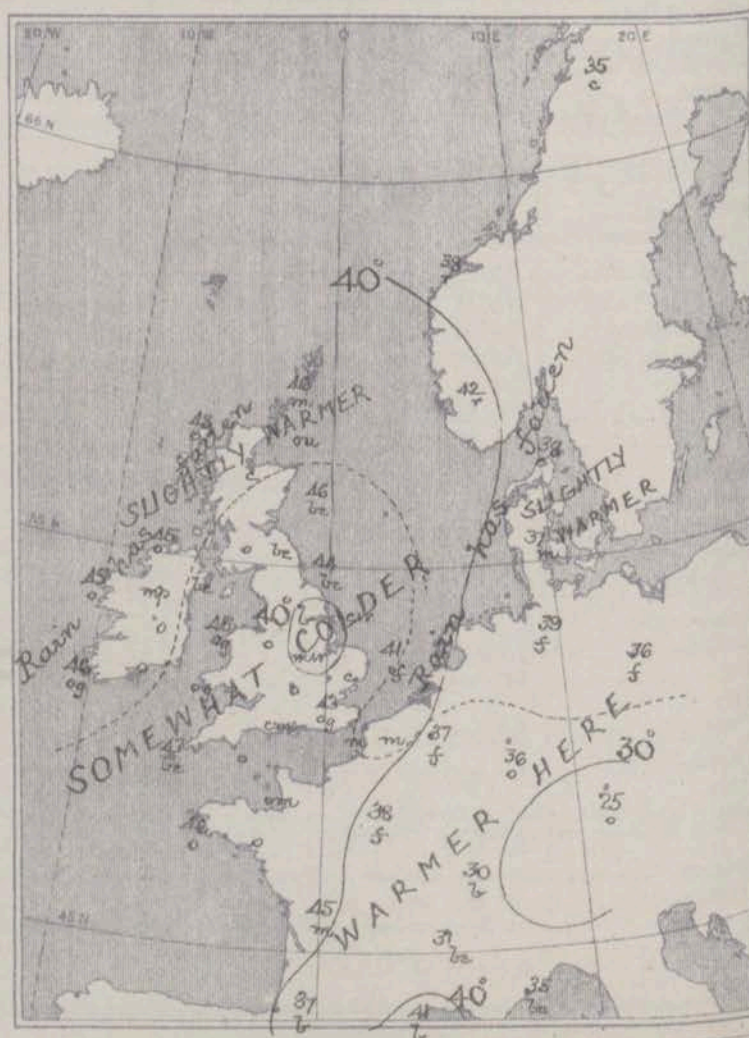
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry at 8 a.m.	Wet	
Sumburgh Head	42.4	34.5	33.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	49.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.36
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	35.3	39.4	38.2	3.04
Mullaghmore	45.6	38.6	42.0	40.3	3.09
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.00
Liverpool	44.5	36.2	38.9	37.3	1.09
Parsonstown	45.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	38.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.3	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.0	34.5	38.2	37.3	1.82

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 in: and more to 30.3 in: in an anticyclone stretching from the Atlantic over our Islands and France to western and southern Germany.
 Lowest, 29.4 in: and less over Denmark, 30.2 in: and less over the south of France and Gulf of Genoa.
 Pressure very slight except in the northern parts of Scotland and Norway.
 Barometer falling in the Shetlands and Caithness, rising slowly elsewhere.

TEMPERATURE

Highest, 48° at Stornoway and Wick, 47° at Ayr and Derry, 46° at Valencia Island, 45° at Holyhead.
 Lowest, (1) 10° at Haparanda, 27° at Helsingfors and Stockholm; (2) 25° at Munich, 30° at Belfast, 35° at Nice, 38° at Paris.
 It has fallen somewhat over our Islands during the past twenty-four hours.

WIND

W³ at the northern stations — blowing a gale in the northwest of Norway and a strong breeze over Caithness.
 Light W³ in Ireland — light and variable over England.
 Light N³ over the Channel, the Bay of Biscay, and France.

WEATHER

Rainy in the west of Norway, dull and threatening in the north of Scotland, cloudy over the greater part of England.
 Fine in the east of Scotland, the northeast of England, and at Derry. Foggy in the northeast of France, clear and bright in the south and southeast.
 Rainfall yesterday was very slight and the showers were mainly felt in the northwest and north.

SEA

Rough in the far north, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any general change of importance, beyond a fall of temperature in most places.

FORECASTS

For the 24 hours ending at NOON on 12th FEB^{ry} 1892.

DISTRICTS.

FORECASTS.

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

W³ (NW to SW) winds, strong to moderate, rain at times.
 } NW³ and W³ winds; fair as a whole. colder.
 } Varying airs and Calms; gloomy, foggy in places, less mild.

DISTRICTS.

FORECASTS.

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

W³ and SW³ breezes; fair, with some local showers.
 N³ and NW³ breezes, light, fair.
 } W³ and SW³ breezes, light; fair as a whole.

WARNINGS

NONE ISSUED

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.99	44	43	W	4	0	4	Valencia ...	30.48	48	46	W	2	0	2
Sumburgh Head ...	30.00	45	45	W	3	0	4	Scilly ...	30.46	48	47	W	2	0	4
Stornoway ...	30.13	49	49	W	4	1	4	Jersey ...	30.42	50	48	W	2	0	2
Aberdeen ...	30.19	50	48	W	1	0	1	Hurst Castle ...	30.38	47	46	W	1	0	2
Shields ...	30.26	50	46	W	3	0	2	Dungeness ...	30.31	48	48	W	3	0	2
Ardrossan ...	30.30	48	48	W	2	0	2	North Foreland ...	30.39	47	46	W	2	0	2
Malin Head ...	30.31	46	46	W	4	0	3	London ...	30.34	49	46	W	1	0	3
Mullaghmore ...	30.38	48	47	W	3	0	3	Yarmouth ...	30.27	47	45	W	3	0	3
Belmullet ...	30.39	49	48	W	2	0	3	Rocheport ...	30.42	44	42	NE	3	0	3
Holyhead ...	30.40	46	45	W	1	0	2								

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

Weather fine in the northeastern part of the United Kingdom, as well as in Morocco, Spain, France, and South Germany. Cloudy or overcast elsewhere, with fog on the southeast coast of England and in a few other isolated localities; rain in the south of Scandinavia and in Africa, and snow at several of the Danish, Russian, and Austrian stations. A little rain falling later in the extreme west and north of our islands, and dull weather setting in over the greater part of France.

Temperature highest (1) 55° at Malta, 53° at Barcelona, 52° at Palermo, and 51° at Palma; (2) 48° at Scilly, Jersey, Oxford, Cambridge, and in London; above 45° in many of the western and northern parts of the United Kingdom. Lowest 1° at Moscow, 8° at Naparanda, 10° at Uleaborg, 11° at Helsingfors and 15° at Umea; below the freezing over the greater part of northern, eastern, and central Europe, and below 40° over northern Italy and Central Spain. Rising during day to between 50° and 52° on the northern and eastern parts of Great Britain, but reading much lower in France. Reaching 63° at Lisbon.

Wind light to moderate from the Wnd over the northern parts of our islands, and NWnd in the south, but SWnd over the Netherlands, Denmark, North Germany, and the Baltic, and Snd in the north of Sweden. Light and variable in Russia and NWnd in Austria. Strong to a gale from the NEnd over the northern parts of Italy and the Adriatic, NWnd in Algeria, NEnd in Spain and the west of France. No important change occurring during day.

Barometer, highest 30.2 ins. to 30.4 ins. and more, in an anticyclone spreading from the Atlantic over Ireland, England, and France across Germany to Central Russia. Lowest 29.5 ins. and less, in a depression lying off the west of Norway, 29.7 ins. and less in another disturbance lying over the Central part of the Mediterranean; 29.9 ins. and less in a third system lying over the south of Russia. Norwegian depression subsequently moving eastwards, but no other change of importance taking place over Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

*AN ASTERISK is inserted in all places for which information is not usually received. The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Friday, 17th February, 1892.

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

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

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS			
	Barom.	Temp.	Wind.		Weather.	Force (0 to 12).	Barometer.		SHADE TEMP.			Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force	Weather.	Max.	Min.	Inch.						
Ins.	°			Ins.																
SCANDINAVIA.																				
Haparanda ...	29.40	-5	ESE	1	b	29.35	-0.3	3	-3	-13	Z	0	f	#	b	23	-6			
Hernösand ...	29.62	30	SW	4	o	29.39	-2.8	25	25	-2	Z	0	o	#	bc	36	16			
Stockholm ...	29.81	31	Z	0	o	29.37	-4.9	34	33	+7	WNW	3	o	#	o	34	25	0.08		
Wisby ...	29.82	34	W	4	bc	29.42	-4.8	36	35	+2	WSW	4	b	#	bc	36	30			
Bodö ...	29.48	32	W	6	c	29.38	-0.1	26	24	-9	E	1	c	1	c	36	23			
Christiansund...	29.50	44	WSW	8	r	29.56	-2.8	34	31	-4	W	9	s	6	r	43	32	0.96		
Skudeanaes ...	30.01	45	WNW	5	r	29.91	-2.0	44	43	+2	WNW	6	r	5	fr	45	42	0.12		
Christiania Fjord (Færder)	29.76	37	SW	5	b	29.57	-3.5	44	40	+10	WSW	3	b	2	b	?	34			
Skagen (The Scaw)	29.79	39	WNW	6	f	29.64	-3.2	39	38	+1	WNW	5	b	3	f	41	36			
Fanö ...	30.17	38	W	4	c	29.99	-1.8	39	39	+2	W	6	o	#	c	39	37			
BRITISH ISLANDS.																				
Sumburgh Head	30.00	46	W	5	r	30.11	+1.2	40	39	-6	N	5	o	6	or	49	40	0.05		
Stornoway ...	30.28	47	W	4	o	30.36	+1.5	48	48	0	WNW	4	o	4	o	49	45	0.06		
Wick ...	30.17	46	WNW	7	o	30.24	+0.5	48	47	0	WNW	7	ou	4	o	51	42	0.02		
Nairn ...	30.29	48	SW	4	bc	30.32	+0.8	47	46	0	SW	3	c	2	bc	54	43			
Aberdeen ...	30.30	47	WNW	2	b	30.32	+0.3	48	45	+2	WNW	4	cq	3	bc b	57	44			
Leith ...	30.38	48	WNW	2	bc	30.42	+0.7	42	41	-5	WSW	1	bc	#	bc	53	41			
Shields ...	30.39	47	W	3	b	30.37	+0.4	42	40	-2	WNW	3	bc	2	b	53	39			
Spurn Head ...	30.41	43	SSW	2	b	30.41	+0.3	39	38	-1	WNW	3	bcw	3	b	48	38			
York ...	30.43	49	W	1	b	30.45	+0.3	38	35	+3	W	1	b	#	b	54	33			
Loughborough	30.44	43	WNW	2	b	30.45	+0.5	37	36	-2	WNW	3	b	#	b	54	36			
GERMANY & HOLLAND.																				
Ardoressan ...	30.37	47	W	4	c	30.49	+0.8	45	45	-1	WNW	1	o	0	c	49	44			
Malin Head ...	30.47	44	WSW	4	o	30.52	+1.0	44	44	-1	W	2	om	2	o	46	43	0.02		
Mullaghmore ...	30.53	46	SW	4	o	30.57	+0.9	44	44	-2	WSW	3	om	3	o	47	44	0.01		
Belmullet ...	30.54	45	SW	2	o	30.56	+0.8	45	45	0	WSW	1	om	#	co	48	44	0.07		
Donaghadee ...	30.52	47	WNW	3	q	30.58	+0.6	44	44	-1	WNW	2	c	0	o	49	43			
FRANCE AND BELGIUM.																				
Liverpool (Bldaton)	30.52	43	WNW	3	c	30.53	+0.6	42	40	-2	WNW	4	o	4	c	46	42			
Holyhead ...	30.58	45	WNW	1	og	30.55	+0.6	43	40	-2	WNW	2	og	2	cog	47	42			
Parsonstown ...	30.55	45	Z	0	o	30.60	+0.6	43	42	0	Z	0	o	#	o	46	41			
Valencia ...	30.58	47	W	1	ov	30.62	+0.6	45	43	-1	Z	0	o	1	cvo	49	43			
Roche's Point	30.57	46	WNW	1	o	30.59	+0.5	42	41	-3	ESE	1	o	2	o	48	40			
GERMANY & HOLLAND.																				
Pembroke (St. Ann's Hd.)	30.54	46	N	1	o	30.57	+0.5	42	41	-4	N	2	c	1	o	48	42			
Scilly ...	30.52	46	NNE	4	o	30.54	+0.3	46	44	-1	NNE	3	o	4	o	47	44			
Prawle Point ...	30.52	46	N	1	o	30.54	+0.4	40	38	-2	N	1	b	0	o	46	37			
Jersey (St. Aubin's)	30.57	46	WNW	3	ogm	30.52	+0.4	46	45	0	N	1	om	1	ogm	47	45			
Hurst Castle ...	30.50	45	NE	2	c	30.50	+0.2	38	37	-5	NE	2	o	1	cm	49	36			
FRANCE AND BELGIUM.																				
Dungeness ...	30.43	43	Z	0	o	30.44	+0.4	31	31	-12	WNW	1	f	1	om	48	31			
North Foreland	30.43	42	WNW	2	b	30.43	+0.5	37	37	-5	WNW	3	bf	3	b	46	34			
London ...	30.48	48	WNW	1	cm	30.48	+0.5	36	35	-7	WNW	1	ogf	#	ogmb	50	31			
Oxford ...	30.50	44	WNW	2	b	30.51	+0.5	39	38	-5	WNW	3	o	#	cb	50	35			
Canbridge ...	30.45	44	WNW	1	bc	30.48	+0.4	32	32	-10	W	1	b	#	bc	52	29			
Yarmouth ...	30.40	43	WNW	1	b	30.39	+0.1	33	33	-8	W	2	f	2	b	45	30			
GERMANY & HOLLAND.																				
Cuxhaven ...	30.30	39	W	3	f	30.18	-0.6	40	39	+1	WNW	5	bc	#	f	41	39			
Berlin ...	30.22	41	W	3	r	30.02	-1.7	42	41	+6	WNW	5	o	#	r	43	36	0.08		
Wiesbaden ...	#	#	#	#	#	30.32	-0.9	43	41	+7	W	1	c	#	*	43	36			
Munich ...	30.39	29	Z	0	m	30.32	-0.8	31	31	+6	SW	4	f	#	m	34	25			
The Helder ...	30.43	41	WSW	1	b	30.36	-0.2	41	40	+1	WNW	2	c	3	b	43	39			
FRANCE AND BELGIUM.																				
Brussels (9 a.m.)	#	#	#	#	#	30.42	-0.1	35	35	-2	WSW	1	f	#	f	43	32			
Cape Gris Nez	30.40	42	NE	1	m	30.41	+0.3	37	37	-6	Z	0	f	2	m	46	34			
Paris ...	30.45	39	NE	2	bc	30.46	+0.4	34	34	-4	NNE	2	bc	#	bc	?	31			
Brest ...	?	46	N	1	o	?	?	44	43	-2	NNE	1	o	2	o	48	43			
Lorient ...	30.45	46	NNE	3	o	30.49	+0.4	44	40	-2	ENE	3	o	2	o	50	44			
FRANCE AND BELGIUM.																				
Rochefort ...	30.37	47	NNE	3	o	30.39	-0.0	38	36	-7	ENE	3	b	#	o	50	36			
Belfort ...	?	30	Z	3	bc	?	?	30	28	-3	Z	2	bc	#	bc	43	28			
Lyons ...	30.32	37	WNW	3	b	30.34	+0.1	34	32	+3	WNW	3	o	#	b	42	31			
Nice ...	30.13	46	SSW	2	b	30.15	-0.0	43	34	+8	E	2	b	2	b	54	?			
Perpignan ...	30.26	44	WNW	3	b	30.23	-0.0	42	37	+1	WNW	2	b	#	b	51	39			
Biarritz ...	30.36	45	N	3	o	30.36	-0.5	41	39	+4	SE	3	o	2	o	46	37			
FRANCE AND BELGIUM.																				
Corunna ...	#	#	#	#	#	30.20	-0.1	44	41	-2	NNE	3	b	#	b	59	44			
Lisbon ...	30.20	53	N	3	b	30.20	-0.1	44	41	-2	NNE	3	b	#	b	59	44			

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in *Chap's* on p. 2.

WEATHER CHARTS

for 8 a.m. on Friday, 12th February 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.

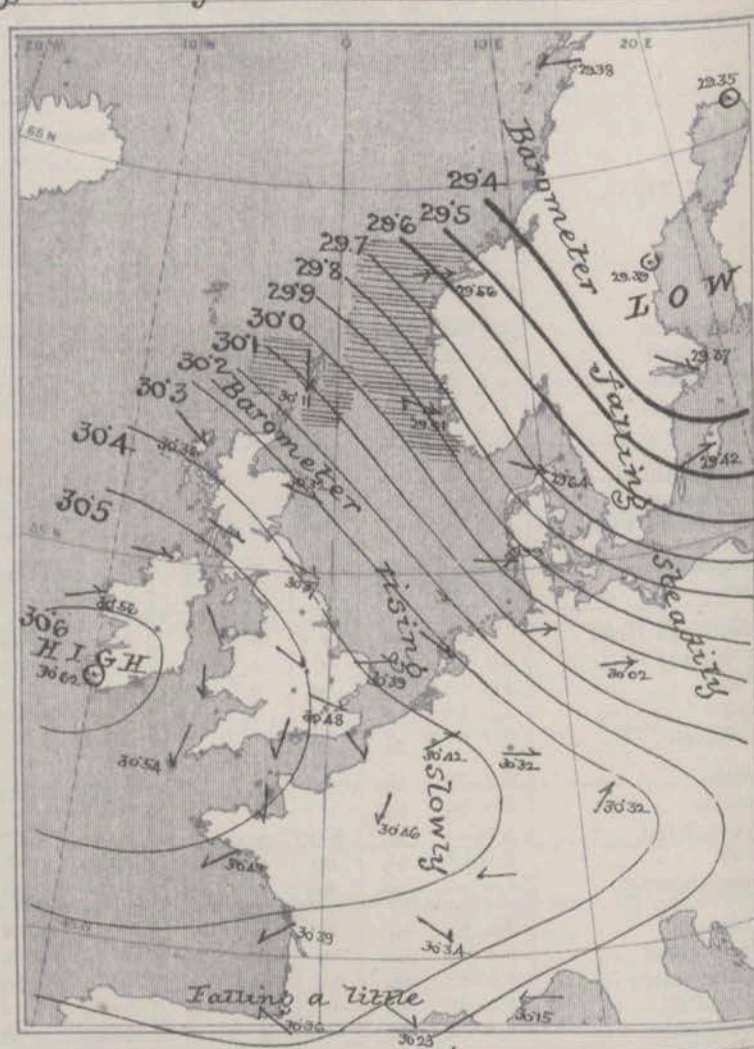
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough, ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.900
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.851
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

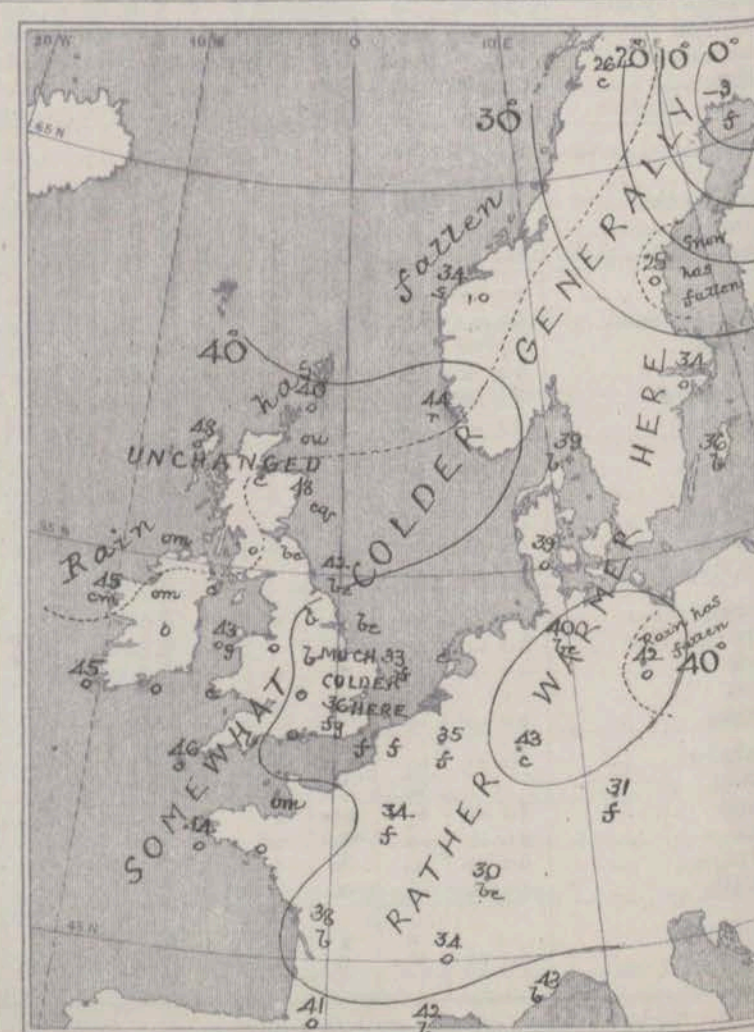
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	35.5	37.4	3.19
Stornoway.....	43.5	34.6	39.1	38.1	3.86
Wick.....	43.1	33.2	38.1	36.7	2.04
Nairn.....	43.4	33.4	37.1	35.4	1.48
Aberdeen.....	43.2	33.8	37.3	35.7	2.35
Leith.....	45.7	34.3	38.6	37.1	1.45
Shields.....	43.8	33.1	38.6	37.3	1.60
Spurn Head.....	42.3	35.9	38.4	37.6	1.36
York.....	44.6	33.9	37.5	36.4	1.70
Loughborough.....	45.3	33.9	37.5	36.4	1.78
Ardrossan.....	44.6	35.3	39.4	38.2	3.04
Mullaghmore.....	45.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool.....	44.5	36.2	38.9	37.3	1.69
Parsonstown.....	46.2	35.6	39.4	38.1	2.20
Valencia.....	49.7	40.7	44.6	42.9	4.95
Roche's Point.....	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.0	2.82
Scilly.....	48.0	42.8	46.0	44.4	2.71
Prawle Point.....	46.8	38.1	41.5	40.6	2.02
Jersey.....	46.9	39.3	42.3	41.0	2.55
Hurst Castle.....	45.7	36.7	40.3	39.3	2.25
Dover.....	44.4	36.1	39.2	38.1	1.96
LONDON.....	45.8	35.1	38.6	37.4	1.73
Oxford.....	45.0	34.9	37.9	36.8	1.92
Cambridge.....	45.5	32.8	37.3	36.2	1.46
Yarmouth.....	42.6	34.5	38.2	37.3	1.82

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, 30.6 in. and more to 30.4 in. in an anticyclone the eastern portion of which still spread in from the Atlantic over Ireland, England, and France to Western Germany.

Lowest, 29.4 in. and less, over Sweden and the north of Norway.

Gradients somewhat steep over Norway, Denmark and the North Sea, slight over our Islands and France.

Barometer rising in Scotland, steady over Ireland and England, falling over Germany, the Baltic and Northern Europe.

TEMPERATURE

Highest, 48° at Stormont, Wick, and Aberdeen, 46° at Scilly, 44° at Falmouth, and 42° to 45° over Ireland.

Lowest, (1) -2° F. at Haparanda, +25° at Helsingfors, (2) 30° at Belfast, 34° at Paris, 36° in London.

It has fallen rather decidedly and become frosty over the southern parts of England during the night, but is rising again at the time of observation. Scotch stations are twelve degrees warmer than London and 14° warmer than Paris.

WIND

W¹, moderate to a gale over Scandinavia, NW¹ over Scotland (a moderate gale at Wick); NW¹ to N¹ light over England; NE¹ over France. Calm over Ireland.

WEATHER

Skill dull over the greater part of our Islands, fine in the northeast, but has become foggy in the southeast and in some parts of the Continent. Rain and snow are falling on the Norwegian coast.

SEA

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of much change in our Islands.

FORECASTS

For the 24 hours ending at NOON on 13th FEB^{ry} 1892.

DISTRICTS.

FORECASTS.

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

NW¹ winds, strong or fresh; some showers.

NW¹ winds, moderate; fair.

NW¹ and N¹ airs; gloomy, damp, local fogs.

DISTRICTS.

FORECASTS.

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

Same as No 0 and 1.

NW¹ and N¹ winds, light; fair as a whole.

Varying airs; fair, haze or fog 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.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	30.05	45	44	W	4	rf	3	Valencia ...	30.58	49	45	SW	1	c v	1
Sumburgh Head ...	29.98	47	47	W	5	0	5	Scilly ...	30.53	47	44	E NE	4	bc	4
Stornoway ...	30.27	49	48	W	4	0	4	Jersey ...	30.51	47	44	N NE	2	0	2
Aberdeen ...	30.29	56	47	W NW	3	bc	1	Hurst Castle ...	30.48	48	46	N NE	2	cm	1
Shields ...	30.38	52	47	W	3	b	2	Dungeness ...	30.43	48	44	N	3	0	2
Ardrossan ...	30.45	49	48	W	4	c	3	North Foreland ...	30.43	46	44	NW	2	b	2
Malin Head ...	30.46	46	44	WSW	3	0	2	London ...	30.46	50	47	N	1	m	3
Mullaghmore ...	30.53	47	46	SW	2	0	3	Yarmouth ...	30.40	45	43	N	3	b	3
Belmullet ...	30.54	47	46	WSW	2	c	#	Rochefort ...	30.39	49	46	N NE	3	0	#
Holyhead ...	30.52	46	45	NW	2	c g	2								

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

Weather cloudy or dull over the greater part of Europe, but fine in the northeast of Great Britain, as well as over Sweden, Spain, and the southern parts of France, Austria and Russia. Fog reported over Belgium, north Germany, and the northeast of France, rain in the west of Norway, and snow over the Gulf of Finland. Rain falling later in the extreme north and northwest of our Islands, but dry, though somewhat in the east and southeast of England.

Temperatures highest (1) 52° at Corunna and Palma, 50° at Brindisi, and 47° at Barcelona; (2) 48° at Stornoway and Thet, 47° at Narvik, Leth, and Scilly, and 46° at several of our other western and northern stations. Lowest -1° at Moscow, +1° at Archangel, 3° at Humana, 10° at Haparanda, and 12° at Kiev, below the freezing point over the whole of Sweden, Russia, and Austria, as well as in some parts of Central France, and as low as 33° at Madrid. Rising during day to between 50° and 55° in many of the northern and eastern parts of Great Britain, and reaching 57° at Aberdeen.

Wind W over the greater part of the United Kingdom, as well as in Scandinavia, Denmark, and Germany, light or moderate in force generally, but strong to a gale in the west of Norway. SW over the Baltic Provinces and SE over northern Russia. Light from the NE over France and the extreme south of England. Moderate from the NE over Spain, and strong from the same quarter in Italy. Variable in Austria and Algeria. No important change occurring during day.

Barometer highest 30.5 ins. and upwards over the southwest of our Islands and the neighbouring parts of the Atlantic; 30.2 ins. and upwards, in a large anticyclone covering nearly the whole of western and central Europe, and extending southwards as far as the Black Sea; 30.2 ins. and upwards, in another system lying over Central Russia. Lowest 29.4 ins. and less, in a depression lying over the north of Scandinavia, 29.8 ins. and less, in a shallow system lying to the southward of Sicily. Depression in far north subsequently spreading southwards and barometer falling over Northern Europe 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. 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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Saturday, 13th February, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																			
		YESTERDAY EVENING.					8 A.M. TO DAY.								PAST 24 HOURS.				
STATIONS.		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Shade Temp.			Amount of Rainfall.	
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).		Max.	Min.			
		Inch.	°				Inch.	°	°	°								Inch.	
SCANDINAVIA.	Haparanda ...	29.49	1	E	2	0	29.59	+ .24	12	11	+ 15	Z	0	S	#	0	-9	-	
	Hernösand ...	29.47	19	N	2	0	29.74	+ .35	22	21	- 3	NW	4	bc	#	0	18	0.12	
	Stockholm ...	29.23	26	NW	8	0	29.45	+ .08	23	24	- 11	NW	8	0	#	0	37	0.04	
	Wisby ...	29.15	32	NW	8	0	29.34	- .08	36	28	0	N	10	c	#	0	39	0.04	
	Bodo ...	29.52	33	SW	2	0	29.89	+ .51	24	22	- 2	NNE	4	bc	2	0	23	-	
SCANDINAVIA.	Christiansund...	29.86	35	NW	8	5	30.05	+ .49	37	35	+ 3	N	8	S	7	S	37	34	0.24
	Skudesnaes ...	30.04	36	NW	9	0	30.12	+ .21	37	34	- 7	NW	8	c	5	sq ho	45	36	-
	Christiania Fjord (Farder)	29.65	36	NW	6	0	29.76	+ .19	36	33	- 8	NW	5	b	1	b	44	34	-
	Skagen (The Scaw)	29.70	37	N	8	0	29.73	+ .09	37	36	- 2	N	7	b	4	b	43	34	-
	Fano ...	29.94	36	NW	5	0	29.92	- .07	35	34	- 4	NW	6	b	#	b	41	34	-
BRITISH ISLANDS.	Sumburgh Head	30.34	34	NW	5	0	30.48	+ .37	36	34	- 4	NW	4	c	5	0	40	32	-
	Stornoway ...	30.50	40	N	4	0	30.64	+ .28	37	36	- 11	N	4	0	4	rc	49	32	0.05
	Wick ...	30.46	47	N	4	0	30.59	+ .35	36	35	- 12	N	3	0	2	c	?	35	-
	Nairn ...	30.49	41	ESE	2	0	30.61	+ .29	38	35	- 9	NW	1	0	2	0	51	32	0.04
	Aberdeen ...	30.47	39	NW	3	0	30.58	+ .26	36	33	- 12	NW	3	c	4	q q p	57	36	0.03
BRITISH ISLANDS.	Leith ...	30.44	48	N	2	0	30.62	+ .20	37	35	- 5	NE	1	bc	#	bc	55	35	-
	Shields ...	30.40	49	N	2	0	30.54	+ .17	35	33	- 7	NW	3	c	4	b	56	32	-
	Spurn Head ...	30.38	44	NW	2	0	30.48	+ .07	38	36	- 1	NW	5	c	5	c	45	37	-
	York ...	30.42	50	NW	1	0	30.56	+ .11	36	34	- 2	NW	3	bc	#	b	55	34	-
	Loughborough	30.43	42	NW	2	0	30.54	+ .09	36	35	- 1	NW	2	cm	#	b	48	37	-
BRITISH ISLANDS.	Ardrossan ...	30.51	47	N	4	0	30.61	+ .12	38	38	- 7	N	1	bc	1	c	48	37	-
	Malin Head ...	30.59	44	NW	4	0	30.66	+ .14	41	41	- 4	N	3	0	2	opa	46	41	0.02
	Mullaghmore ...	30.62	46	NW	2	0	30.69	+ .12	45	44	+ 1	Z	0	0	3	mco	47	44	0.01
	Belmullet ...	30.64	45	N	1	0	30.73	+ .17	43	43	- 2	NE	1	0	#	0	48	43	0.03
	Donaghadee ...	30.57	47	NW	3	0	30.63	+ .10	43	42	- 1	NE	5	b	3	bc	48	43	-
BRITISH ISLANDS.	Liverpool (Bidston)	30.51	44	N	4	0	30.60	+ .07	40	39	- 2	NW	1	0	2	0	45	40	-
	Holyhead ...	30.54	45	NW	2	0	30.62	+ .07	44	43	+ 1	N	4	cq	2	og	46	43	-
	Parsonstown ...	30.61	45	Z	0	0	30.68	+ .08	43	42	0	Z	0	0	#	0	45	42	-
	Valencia ...	30.63	44	N	2	0	30.70	+ .08	39	38	- 6	Z	0	0	1	c v b	49	35	-
	Roche's Point	30.61	40	N	3	0	30.65	+ .06	42	40	0	NNE	1	b	2	c	47	38	-
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	30.56	43	N	3	0	30.60	+ .03	44	43	+ 2	NNE	3	bc	2	0	46	42	-
	Scilly ...	30.51	44	N	5	0	30.55	+ .01	47	44	+ 1	NNE	4	0	4	0	47	42	-
	Prawle Point ...	30.50	41	NW	1	0	30.54	0.0	42	40	+ 2	N	2	0	1	b	51	36	-
	Jersey (St. Aubin's)	30.50	44	N	2	0	30.52	0.0	44	42	- 2	N	2	bm	2	om	47	41	-
	Hurst Castle ...	30.50	40	NE	2	0	30.54	+ .04	42	41	+ 4	NNE	1	om	1	c	45	36	-
BRITISH ISLANDS.	Dungeness ...	30.42	43	NW	2	0	30.45	+ .01	40	39	+ 9	NNE	4	c	2	f m	43	30	-
	North Foreland	30.39	42	NW	4	0	30.44	+ .01	40	38	+ 3	NW	4	b	4	b	44	37	-
	London ...	30.47	43	NW	1	0	30.52	+ .04	39	36	+ 3	N	2	bc	#	og bm	44	34	-
	Oxford ...	30.49	38	NW	1	0	30.57	+ .06	40	38	+ 1	N	2	0	#	b	45	36	-
	Cambridge ...	30.45	40	NW	1	0	30.54	+ .06	35	34	+ 3	N	2	b	#	b	49	31	-
BRITISH ISLANDS.	Yarmouth ...	30.36	46	NW	3	0	30.41	+ .02	40	36	+ 7	NW	5	c	5	b	47	31	0.02
	Cuxhaven ...	30.00	40	NW	6	0	30.03	- .15	38	37	- 2	NW	6	bc	#	0	41	35	-
	Berlin ...	29.76	43	NW	7	0	29.81	- .21	32	30	- 10	NW	5	b	#	0	50	32	-
	Wiesbaden ...	#	#	#	#	#	30.19	- .13	37	35	- 6	NW	2	c	#	0	45	36	-
	Munich ...	30.24	35	SW	4	0	30.06	- .26	32	32	+ 1	NW	6	S	#	c	36	30	0.04
BRITISH ISLANDS.	The Helder ...	30.30	42	NW	3	0	30.30	- .06	39	36	- 2	NW	5	bc	4	c	43	37	-
	Brussels (9 a.m.)	#	#	#	#	#	29.87	- .05	36	34	+ 1	NW	3	0	#	0	44	34	0.04
	Cape Gris Nez	30.38	42	N	3	0	30.40	- .01	40	39	+ 3	N	4	0	4	m	45	34	-
	Paris ...	30.43	42	Z	0	0	?	?	41	40	+ 7	NW	3	0	#	0	46	34	-
	Brest ...	?	46	NE	1	0	?	?	44	41	0	NE	2	0	1	0	48	41	-
BRITISH ISLANDS.	Lorient ...	30.47	47	NE	4	0	30.49	0.0	42	39	- 2	NE	2	0	2	b	50	39	-
	Rochefort ...	30.38	46	ESE	4	0	30.41	+ .02	39	37	+ 1	NE	4	0	#	b	54	39	-
	Belfort ...	?	33	N	3	0	?	?	36	30	+ 6	N	2	0	#	0	37	30	-
	Lyons ...	30.26	37	NW	2	0	30.31	- .03	38	35	+ 4	NW	3	0	#	0	39	34	-
	Nice ...	30.07	50	Z	0	0	29.86	- .29	44	36	+ 1	ESE	2	bc	#	bc	59	43	-
BRITISH ISLANDS.	Perpignan ...	30.24	46	NW	3	0	30.08	- .15	48	41	+ 6	NW	4	b	#	b	54	42	-
	Biarritz ...	30.36	47	N	2	0	30.37	+ .01	41	39	0	ESE	3	c	1	0	48	37	-
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	30.20	53	NW	3	0	30.25	+ .05	44	42	0	NNE	4	b	#	b	59	44	-

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Saturday, 13th February, 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.

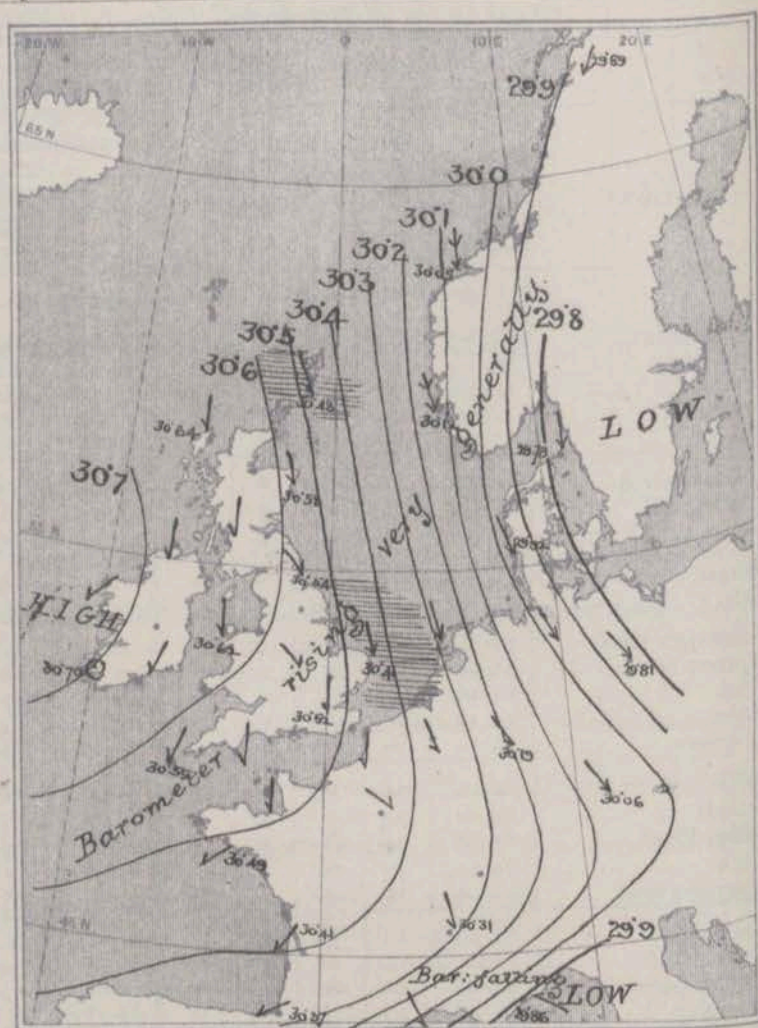
SEA DISTURBANCE—Where considerable, is shown thus:

— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.776
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.954
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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 February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	35.5	37.4	3.19
Stornoway.....	43.5	34.6	39.1	38.1	3.86
Wick.....	43.1	33.2	38.1	36.7	2.04
Nairn.....	43.4	33.4	37.1	35.4	1.48
Aberdeen.....	43.2	33.8	37.3	35.7	2.35
Leith.....	45.7	34.3	38.6	37.1	1.45
Shields.....	43.8	35.1	38.0	37.3	1.50
Spurn Head.....	42.3	35.9	38.4	37.6	1.36
York.....	44.6	33.9	37.5	36.4	1.70
Loughborough.....	45.3	33.9	37.5	36.4	1.78
Ardrossan.....	44.6	36.3	39.4	38.2	3.04
Mullaghmore.....	45.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool.....	44.5	36.2	38.9	37.3	1.69
Parsonstown.....	46.9	35.6	39.4	38.1	2.20
Valencia.....	49.7	40.7	44.6	42.9	4.95
Roche's Point.....	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly.....	48.9	42.6	46.0	44.4	2.71
Prawle Point.....	46.8	38.1	41.5	40.5	2.02
Jersey.....	46.9	39.3	42.3	41.0	2.65
Hurst Castle.....	45.7	36.7	40.3	39.3	2.25
Dover.....	44.4	36.1	39.2	38.1	1.95
LONDON.....	45.8	35.1	38.6	37.4	1.73
Oxford.....	45.0	34.9	37.9	36.8	1.92
Cambridge.....	45.5	32.8	37.3	36.2	1.46
Yarmouth.....	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.7 in: and more to 30.4 in: in the eastern part of an anticyclone which still spreads over our Islands and France from the Atlantic.
 Lowest, 29.8 in: and less, over Denmark, and apparently still lower over Sweden and the Baltic.
 Gradient slight over our Islands, moderate to rather steep over the North Sea.
 Barometer still rising in our Islands—very slowly over Ireland and England, but rather decidedly in the north.

TEMPERATURE

Highest, 47° at Sully, and exceeding 40° over the western and southern parts of our Islands and France.
 Lowest, 24° at Bodo, 35° at Cambridge, 36° at Fander, Sumburg Hd., Aberdeen, York, and Brussels.
 It has fallen very decidedly in Scotland during the past day.

WIND

N^o on all our own coasts and on the eastern side of the North Sea—light to moderate in the first named regions, strong to a gale in Holstein, Denmark and the west of Norway.
 In Germany it is NW³, in the west of France NE².

WEATHER

Fair generally over the United Kingdom and France, changeable and unsettled on the eastern side of the North Sea, with clear sky in some places, snow in others.
 Slight showers fell yesterday in the northern parts of Scotland and Ireland.

SEA

Somewhat rough off our eastern and northwestern coasts, moderate in the southeast, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the west is now of great intensity, and appears to be spreading northeastwards. N^o to NE³ breezes, dry weather, and some decrease of temperature seems probable.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

N^o breezes, moderate; fair, cold.
 N^o breezes, moderate to fresh; fair, cold, dry.

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

N^o or NE² breezes; fair generally, dry, cold.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.95	36	32	rtw	q	sky	6	Valencia ...	30.63	48	45	rtw	1	ev	1
Sumburgh Head ...	30.26	34	32	rtw	6	c	6	Scilly ...	30.54	46	44	rtw	4	o	4
Stornoway ...	30.42	48	48	w	4	t	4	Jersey ...	30.52	47	43	rtw	2	sm	2
Aberdeen ...	30.36	46	45	rtw	5	ogpp	3	Hurst Castle ...	30.49	43	41	rtw	3	bc	1
Shields ...	30.38	53	50	rtw	3	6	2	Dungeness ...	30.43	41	41	rtw	3	m	2
Ardrossan ...	30.49	48	47	w	4	c	3	North Foreland ...	30.41	44	43	rtw	3	b	3
Malin Head ...	30.56	46	45	rtw	2	o	2	London ...	30.46	44	42	rtw	1	o	3
Mullaghmore ...	30.60	47	46	w	2	c	2	Yarmouth ...	30.36	47	46	rtw	3	b	3
Belmullet ...	30.63	48	47	rtw	1	o	2	Rocheport ...	30.38	48	46	rtw	4	bc	3
Holyhead ...	30.55	46	44	rtw	2	og	2								

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

Weather dull over the greater part of our Islands, and all but the southern parts of the Continent, with fog over Belgium, central France and the southeast of England, rain over North Germany and the south of Norway, and snow at Christianund, Helsinki, Riga and Warsaw. Fine in the northern parts of Great Britain, as well as over Spain, northern Italy, and the south of France. Slight rain falling later on our extreme north and northwest coasts, but ably clearing in the southeast of England.

Temperature highest (1) 53° at Sanguinay, 52° at Malta, 51° at Rhindiri, and 49° at Barcelona; (2) 50° at Genoa and 47° at Bilbao; (3) 48° at Stornoway, Wick, and Aberdeen, and 47° at Kinn. Lowest -3 F. at Haparanda, +8° at Uleaborg, 9° at Moscow, 10° at Archangel, and 15° at Kuopio and Kharkov; below the freezing point in nearly all other parts of Sweden, Prussia, and Austria, and as low as 34° at Madrid. Rising during day to between 50° and 55° over the northern parts of Great Britain, but remaining below 45° at some of our southeastern stations.

Wind W or NW in the northern and eastern parts of Great Britain, Norway, the North Sea, Denmark, Germany, Austria, and the south of Prussia; light or moderate in force generally, but strong on the eastern shores of the North Sea. Light from the NW in the south of our Islands and from the NE over France and Spain. Moderate from the N in Italy, and from NW in Tunis; S or SE in Algeria. Subsequently veering to the NW in the north of Scotland.

Barometer highest 30.6 in: and upwards, in the south of Ireland; 30.3 in: in a large anticyclone covering nearly the whole of our Islands, the Netherlands, France, and Spain. Lowest, 29.4 in: and less, in a large depression of irregular form lying over Scandinavia, 29.8 in: and less, in a shallow system lying over the south of Prussia; 29.9 in: and less, in another shallow disturbance lying to the southward of Italy. Depression over Scandinavia subsequently travelling southwards. Anticyclone over Ireland spreading 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.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

Sunday 14th February

1892.

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

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										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 9).		Weather.	Max.	Min.	Amount of Rainfall.
	Inch.	°				Inch.		°	°										Inch.
SCANDINAVIA.	Haparanda ...	29.80	8	NE	2	7	29.84	+ .25	13	?	+	1	N	4	0	7	19	0	0.04
	Hernösand ...	29.82	25	N	4	0	29.85	+ .11	22	?	+	0	NE	4	0	0	27	9	0.04
	Stockholm ...	29.70	25	N	6	0	29.67	+ .22	22	?	+	1	NW	2	0	0	28	19	0.04
	Wisby ...	29.63	31	N	9	0	29.63	+ .29	27	?	+	9	NE	8	5	0	34	23	0.08
	Bodö ...	30.03	32	NNE	2	bc	30.06	+ .17	30	28	+	6	NNE	2	7	bc	32	21	—
	Christiansund...	30.31	34	N	8	6	30.12	+ .07	33	31	—	4	NE	2	5	5	37	30	0.20
	Skudesnaes ...	30.19	37	NNW	6	bc	30.06	— .06	30	28	—	7	NNE	2	0	2	41	28	—
	Christiania Fjord (Furder)	29.98	34	N	3	7	29.95	+ .19	31	29	—	5	N	3	7	7	37	30	—
	Skagen (The Scaw)	29.95	35	NE	6	7	29.92	+ .19	33	31	—	4	NE	5	7	7	37	30	—
	Fanö ...	30.04	34	NW	4	7	29.99	+ .07	29	29	—	6	NW	1	7	7	39	28	—
BRITISH ISLANDS.	Sumburgh Head	30.45	36	N	2	0	30.05	— .43	34	34	—	2	SE	1	5	3	39	33	0.01
	Stornoway ...	30.51	40	SW	4	0	29.94	— .70	43	43	+	6	SW	3	0	3	43	35	0.06
	Wick ...	30.49	37	N	3	0	29.97	— .62	38	38	+	2	S	3	0	0	43	36	0.11
	Nairn ...	30.51	37	WNW	1	bc	30.00	— .61	40	39	+	2	WNW	1	0	1	40	34	0.04
	Aberdeen ...	30.53	35	NW	2	bc	30.05	— .53	35	34	—	1	S	2	0	0	39	34	0.02
	Leith ...	30.54	43	2	0	0	30.07	— .85	41	41	+	4	2	0	0	0	47	35	—
	Shields ...	30.53	38	NW	4	0	30.11	— .43	36	35	+	1	S	2	0	0	40	32	—
	Spurn Head ...	30.45	38	NW	4	0	30.17	— .31	35	34	—	3	W	3	0	0	41	33	0.01
	York ...	30.54	39	N	3	0	30.15	— .41	34	34	—	2	SSE	1	0	0	40	31	0.04
	Loughborough	30.52	37	N	2	0	30.22	— .32	34	33	—	2	WSW	1	0	0	42	31	0.01
GERMANY & HOLLAND.	Ardrossan ...	30.54	44	NW	2	bc	30.04	— .57	44	44	+	8	WSW	3	0	2	47	37	0.05
	Malin Head ...	30.59	40	WSW	2	om	30.12	— .54	44	44	+	3	SW	5	0	3	44	40	0.04
	Mullaghmore ...	30.63	43	WSW	2	om	30.21	— .48	45	44	0	0	WSW	5	0	3	46	42	0.02
	Belmullet ...	30.64	44	W	1	om	30.21	— .52	46	45	+	3	WNW	3	0	0	46	40	0.08
	Donaghadee ...	30.59	43	N	4	7	30.16	— .47	42	42	—	1	W	4	0	2	49	41	—
	Liverpool (Bidston)	30.67	40	WNW	1	7	30.20	— .40	42	41	+	2	W	3	0	3	43	37	0.04
	Holyhead ...	30.59	42	NNE	1	bc	30.24	— .38	43	42	—	1	W	4	0	3	46	40	0.01
	Parsonstown ...	30.63	43	NW	1	0	30.25	— .43	42	42	—	1	SW	2	0	0	45	40	—
	Valencia ...	30.67	44	N	2	0	30.40	— .30	46	46	+	7	W	2	0	2	46	38	0.04
	Roche's Point	30.67	45	NNW	3	7	30.35	— .30	43	41	+	1	W	3	0	3	51	40	—
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.59	44	NNE	3	0	30.32	— .28	43	42	—	1	NE	3	0	2	46	40	0.01
	Scilly ...	30.56	45	NNE	4	0	30.36	— .19	45	44	—	2	WNW	4	0	4	48	43	—
	Prawle Point ...	30.54	46	NNW	2	0	30.34	— .20	42	40	0	0	W	2	0	1	53	40	—
	Jersey (St. Aubin's)	30.53	45	N	3	0	30.38	— .14	39	37	—	5	N	2	0	2	47	35	—
	Hurst Castle ...	30.58	39	NNE	2	0	30.32	— .22	38	36	—	4	W	1	0	1	45	33	—
	Dungeness ...	30.44	39	NNE	4	0	30.26	— .19	30	30	—	10	N	3	0	2	43	28	—
	North Foreland	30.39	38	N	6	bc	30.25	— .19	35	34	—	5	WNW	4	0	3	40	30	—
	London ...	30.51	40	N	3	0	30.30	— .22	33	31	—	6	W	1	0	0	42	31	—
	Oxford ...	30.34	33	NW	2	7	30.29	— .28	34	32	—	6	WSW	1	0	0	46	31	—
	Cambridge ...	30.48	38	NW	2	7	30.26	— .28	34	32	—	1	SW	1	0	0	44	27	—
PENINSULA.	Yarmouth ...	30.29	39	NNW	5	0	30.19	— .22	34	33	—	6	NW	3	0	4	40	30	0.06
	Cuxhaven ...	29.99	37	NW	5	7	30.04	+ .01	33	32	—	5	WNW	2	0	7	38	32	—
	Berlin ...	29.75	32	NW	4	5	29.88	+ .07	27	26	—	5	NW	2	0	0	43	27	0.04
	Wiesbaden ...	#	#	#	#	#	30.09	+ .10	35	32	—	2	SW	1	0	0	43	32	0.04
	Munich ...	30.02	29	NW	7	bc	29.99	— .07	25	24	—	7	NNW	6	0	0	43	23	0.08
	The Helder ...	30.26	40	NNW	4	7	30.15	— .15	37	36	—	2	NNW	2	0	0	49	36	—
	Brussels (9 a.m.)	#	#	#	#	#	30.21	— .16	33	32	—	3	WNW	2	0	0	41	32	0.04
	Cape Gris Nez	30.37	39	N	5	0	30.26	— .14	37	35	—	3	N	4	0	5	41	34	—
	Paris ...	30.40	38	N	4	0	30.32	?	34	33	—	7	NW	2	0	0	44	33	—
	Brest ...	?	46	NE	2	0	?	?	45	43	+	1	NE	1	0	2	50	41	—
GERMANY & HOLLAND.	Lorient ...	30.49	48	NE	4	0	30.39	— .10	42	41	0	0	2	0	0	0	50	41	—
	Rochefort ...	30.40	47	NE	4	0	30.39	— .02	35	34	—	4	ENE	4	0	0	48	32	—
	Belfort ...	?	33	NE	2	bc	?	?	32	28	—	4	NE	3	0	0	41	27	—
	Lyons ...	30.28	37	N	4	0	30.29	— .02	30	27	—	8	NNW	3	0	0	42	30	—
	Nice ...	29.71	46	2	0	bc	29.90	+ .04	39	33	—	5	SW	1	0	3	55	39	—
	Perpignan ...	30.18	46	NW	4	7	30.15	+ .07	40	34	—	8	NW	5	0	0	54	39	0.04
	Biarritz ...	30.36	43	ESE	2	0	30.32	— .05	41	39	0	0	E	3	0	2	46	37	—
	Corunna ...	#	#	#	#	#	30.35	— .11	50	45	—	1	ENE	5	0	0	57	46	—
	Lisbon ...	30.19	54	NW	4	7	30.13	— .12	44	43	0	0	2	0	0	0	59	?	—

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Sunday, 14th Feb: 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.

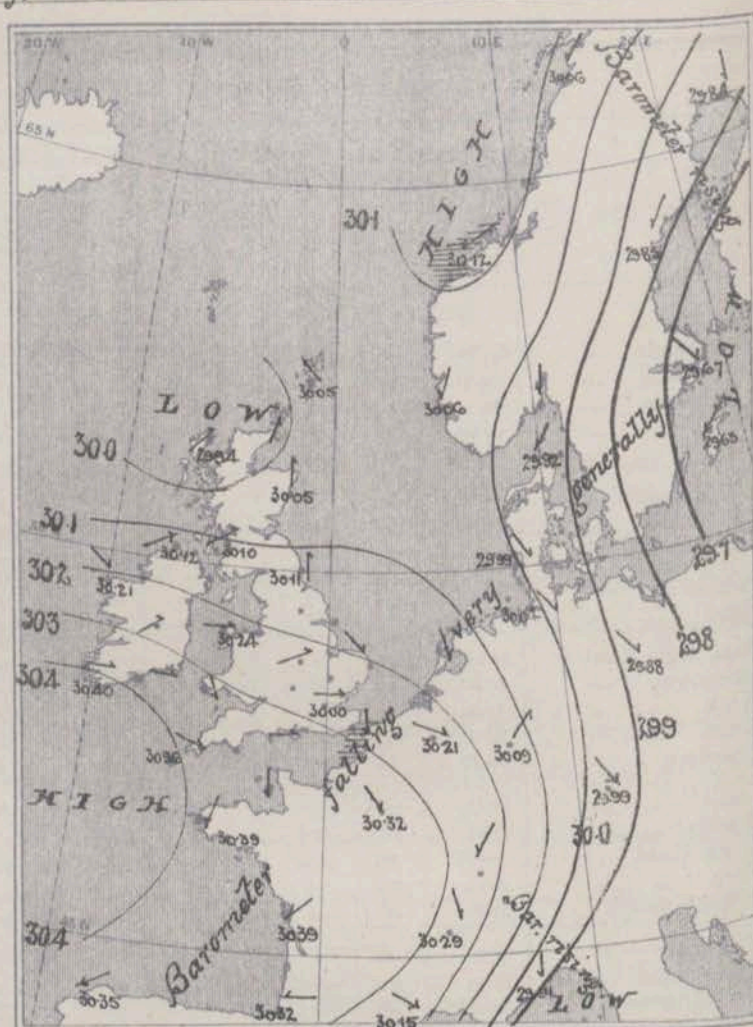
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

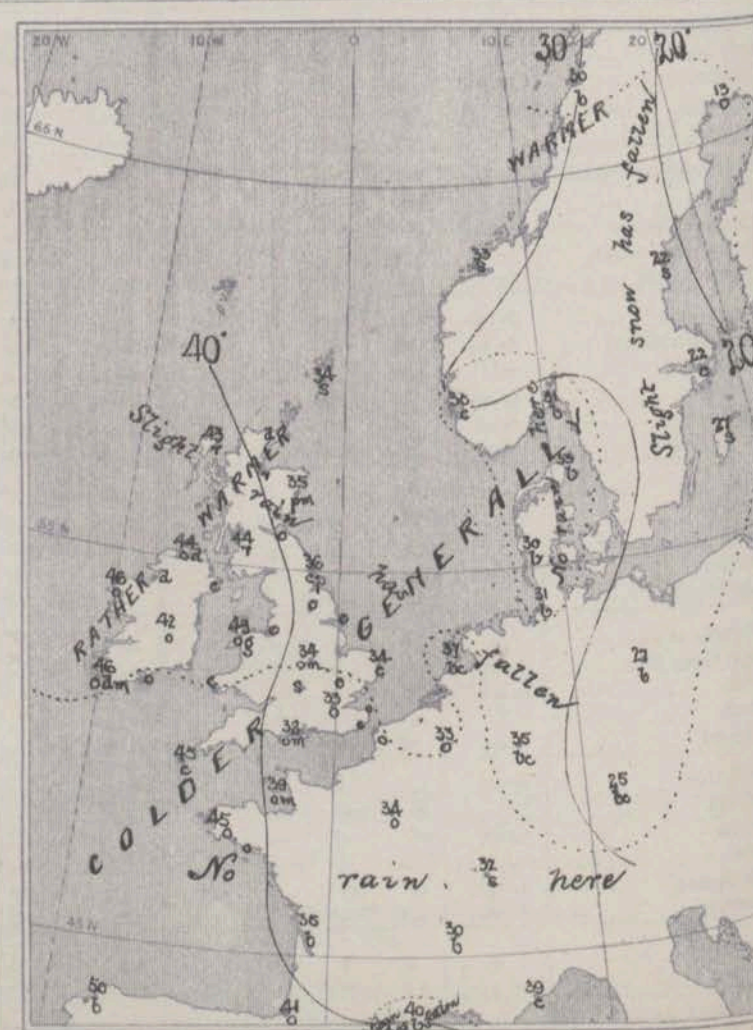
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	39.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick.....	43.1	33.2	38.1	36.7	2.04
Nairn.....	43.4	33.4	37.1	35.4	1.48
Aberdeen.....	43.2	33.8	37.3	35.7	2.35
Leith.....	45.7	34.3	38.6	37.1	1.45
Shields.....	43.8	35.1	38.6	37.3	1.50
Spurn Head.....	42.3	35.9	38.4	37.6	1.36
York.....	44.6	33.9	37.5	36.4	1.70
Loughborough.....	45.3	33.9	37.5	36.4	1.78
Ardrossan.....	44.6	36.3	39.4	38.2	3.04
Mullaghmore.....	46.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool.....	44.5	36.2	38.9	37.3	1.69
Parsonstown.....	46.0	35.6	39.4	38.1	2.20
Valencia.....	49.7	40.7	44.6	42.9	4.95
Roche's Point.....	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly.....	48.9	42.8	46.0	44.4	2.71
Prawle Point.....	46.8	38.1	41.5	40.5	2.02
Jersey.....	46.9	39.3	42.3	41.0	2.55
Hurst Castle.....	45.7	36.7	40.3	39.3	2.25
Dover.....	44.4	36.1	39.2	38.1	1.95
LONDON.....	45.8	35.1	38.6	37.4	1.73
Oxford.....	45.0	34.9	37.9	36.8	1.92
Cambridge.....	45.5	32.8	37.3	36.2	1.46
Yarmouth.....	42.6	34.5	38.2	37.3	1.82

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) 30.4 ins. and more, to 30.3 ins. in the eastern part of an anticyclone spreading in from the Atlantic to France and the south-west of our islands; (2) 30.1 ins. and more in another off the west of Norway.
Lowest, (1) 29.7 ins. and less, over the Baltic; (2) 30.0 ins. and less, over the Hebrides and north of Scotland.

Gradients moderate for N³ to W³ winds in most places; they are increasing and becoming more complex.

Barometer falling fast in our islands, especially in the north, rising over Lapland and Finland.

TEMPERATURE

Highest, 50° at Corunna, 46° in the west of Ireland, 45° at Seilly, 43° at Tromsø.

Lowest, (1) 13° at Haparanda, 22° at Stockholm, 30° at Riga, 24° at Munich, 30° at Lingen, 33° in London, 34° at York, Oxford, Cambridge and Paris.

It has risen at our extreme northern stations during the night, fallen decidedly over England, but the rise in the north appears to be spreading southwards.

WIND

Mainly W³ to SW³ and light, over the British Islands. NE³ to N³ over Scandinavia.

NW³ in the north of France, NE³ in the south-east and over Spain.

The gales felt on the eastern shores of the North Sea on Saturday have died down.

WEATHER

Fine and bright on the eastern shores of the North Sea, dull and unsettled in our islands, with rain or sleet in many places.

The rainfall has at present been very slight (though general) in the north and north-west, the amounts reported from Germany also are small.

SEA

Rather rough at Christiansund, moderate at Seilly and on our east coast, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the west appears to be giving way quickly and moving southwards, while a depression is appearing in the extreme north-west and moving south-eastwards.

FORECASTS

For the 24 hours ending at NOON on 15th Feb: 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 ...	30.15	40	36	NNW	8	c	5	Valencia ...	30.69	46	43	2	0	0	0
Sumburgh Head ...	30.48	38	35	N	3	c	5	Scilly ...	30.58	48	46	NNE	4	bc	4
Stornoway ...	30.60	42	41	W	4	0	4	Jersey ...	30.55	45	44	NE	2	0	2
Aberdeen ...	30.56	39	34	NNW	4	cq	4	Hurst Castle ...	30.54	44	42	NNE	3	cm	2
Shields ...	30.55	40	36	NW	4	c	4	Dungeness ...	30.44	42	38	N	4	c	4
Ardrossan ...	30.53	47	44	WSW	1	b	1	North Foreland ...	30.41	40	38	NW	5	0	4
Malin Head ...	30.64	42	42	NNW	2	0	1	London ...	30.57	42	36	NNW	4	c	4
Mullaghmore ...	30.67	45	44	NNW	4	0	2	Yarmouth ...	30.39	39	37	NNW	4	c	4
Belmullet ...	30.68	45	44	W	1	0	0	Rocheport ...	30.48	44	41	NE	3	0	0
Holyhead ...	30.61	45	43	N	4	cq	2								

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

Weather fair over the greater part of the United Kingdom, but dull on our extreme north and northwest coasts, with rain at Malin Head. Fine and bright in Denmark, Holland, and most of the southern countries, but cloudy, and changeable over northern, eastern and central Europe, with snow in places. Slight rain falling later in the west and north of our Islands generally; no important change occurring elsewhere.

Temperature highest 55° at Malta, 52° at Apta, 51° at Algiers, and 50° at Barcelona, Palermo and La Calle; above 45° at most of the Mediterranean stations, as well as in the extreme southwest of England. Lowest 3° at Uleaborg and Moscor, 4° at Archangel, 12° at St. Petersburg, 13° at Kuopio, and 22° at Helsingfors; below the freezing point in most parts of Sweden and Russia, and below 40° over northern, eastern and central Europe generally, as well as over the northern parts of Great Britain. Daily maxima below 45° at most of our own stations, and below 40° in some parts of Scotland. Thermometer exceeding 50° in Italy and the south of France and exceeding 60° in Spain and Algeria, the highest reading of all being 63° at Barcelona, San Fernando, Algiers and Laghouat.

Wind N² or NW⁴ over Scandinavia, Denmark, Central Europe, and the northern and eastern parts of the United Kingdom; light or moderate in force generally, but strong to a gale over the Baltic. W⁴ over Ireland; SW⁴ in the south of Russia; S³ or SE³ over Central Russia. Light or moderate from the NE⁴ over Spain and the coast of France; variable in Italy and Algeria. Subsequently backing to the NW⁴ or SW⁴ in the extreme northwest of our Islands; NW³ gales setting in at some of the German stations.

Barometer highest, 30.7 in; and upwards, in an anticyclone extending from the Atlantic over the west of Ireland. Lowest 28.8 in; and less in a well marked depression lying over the Baltic Provinces, gradient steep over Poland and the Baltic. Depression subsequently moving slowly southwards. Anticyclone over our Islands beginning to give way, and shallow disturbances approaching our extreme northwest 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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Monday, 15th February, 1892.

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

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YESTERDAY EVENING.										8 A.M. TO DAY.							PAST 24 HOURS		
STATIONS.	Barom.	Temp.	Wind.		Weather.	Barometer.	SHADE TEMP.			Wind.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.			
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.		Force (0 to 12).	Max.	Min.				
	Inch.	°				Inch.		°	°	°				°			Inch.		
SCANDINAVIA.	Haparanda ...	29.95	9	N	4	b	30.00	-1.6	-2	-2	15	N	4	b	*	19	?	-	
	Hernösand ...	29.89	21	N	8	o	30.03		13	12		N	0	b	*	25	10	0.04	
	Stockholm ...	29.65	21	N	4	o	29.76		16	14		NNE	6	bc	*	27	?	0.04	
	Visby ...	29.66	26	NE	6	c	29.62		22	21		NNE	6	S	*	34	19	0.20	
	Bodö ...	30.09	27	NNE	2	S	29.97	-0.9	18	16	-12	ESE	2	b	*	30	14	-	
	Christiansund...	30.03	27	N	2	bc	30.03	-0.9	27	26	-6	ESE	2	c	3	34	25	0.04	
	Skudesnaes ...	29.92	28	Z	0	b	29.91	-15	30	26	0	ESE	4	o	2	?	28	-	
	Christiania Fjord (Færder)	29.87	31	NNE	6	b	29.98	+0.3	25	22	-6	NNE	6	bc	2	34	25	-	
	Skagen (The Scaw)	29.81	30	NE	5	bc	29.80	-12	26	25	-7	NE	5	bc	4	38	23	-	
	Fanö ...	29.85	28	NW	1	b	29.78	-2.1	27	26	-2	N	4	c	*	36	25	-	
BRITISH ISLANDS.	Sumburgh Head	29.93	37	NE	3	c	29.94	-1.1	35	34	+1	NNE	1	c	4	38	33	0.03	
	Stornoway ...	29.74	39	N	4	c	29.90	-0.2	37	37	-6	NE	4	o	6	44	33	0.04	
	Wick ...	29.85	36	SE	6	T	29.90	-0.7	36	34	-3	ESE	4	c	4	37	32	0.22	
	Nairn ...	29.72	40	WNW	1	T	29.85	-1.5	35	32	-3	Z	0	c	1	42	32	0.33	
	Aberdeen ...	29.80	37	SE	5	ogty	29.84	-2.1	36	32	+1	ESE	6	bcgyp	6	49	35	0.12	
	Leith ...	29.71	44	NE	1	o	29.73	-3.4	38	35	-3	NE	2	c	*	45	33	0.42	
	Shields ...	29.74	40	SSE	2	T	29.64	-4.7	36	35	0	E	4	S	5	44	33	0.47	
	Spurn Head ...	29.76	39	WSW	3	Tm	29.50	-6.7	36	35	+1	E	7	ogp	6	40	34	0.24	
	York ...	29.77	42	WSW	1	T	29.58	-5.7	35	35	+1	E	6	S	*	43	33	0.10	
	Loughborough	29.79	41	WSW	2	c	29.45	-7.3	35	35	+1	NW	1	ogmsh	*	43	34	0.16	
GERMANY & HOLLAND.	Ardrossan ...	29.71	43	NW	2	cp	29.71	-3.3	36	34	-8	NE	3	om	2	pc	46	34	?
	Malin Head ...	29.77	38	NW	4	cp	29.64	-4.8	37	36	-1	E	7	ogp	4	pc	45	36	0.25
	Mullaghmore ...	29.82	41	WNW	4	cp	29.58	-6.3	40	38	-2	NNE	6	og	4	pc	46	35	0.08
	Belmullet ...	29.86	41	WNW	4	cp	29.57	-6.4	40	39	-6	E	2	og	*	47	34	0.16	
	Donaghadee ...	29.76	42	WNW	3	b	29.61	-5.5	39	38	-3	ESE	8	o	6	b	48	37	0.12
	Liverpool (Bidston)	29.77	43	WSW	4	T	29.50	-7.0	33	33	-9	NE	1	S	2	T	43	33	0.35
	Holyhead ...	29.65	44	WSW	4	c	29.52	-7.2	39	38	-4	NE	4	chgyp	3	c	45	37	0.12
	Parsonstown ...	29.86	41	Z	0	c	29.60	-6.5	33	32	-9	Z	0	f	*	48	32	0.04	
	Valencia ...	29.97	47	NW	4	omp	29.71	-6.9	41	39	-5	NW	2	bcpi	2	omp	50	38	0.16
	Roche's Point	29.92	46	NW	4	c	29.67	-6.8	38	36	-5	NW	2	b	3	cip	51	36	0.01
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.87	46	N	5	c	29.53	-7.9	44	43	+1	NW	3	bcgyp	3	oc	46	39	0.08
	Scilly ...	30.03	46	WNW	5	o	29.57	-7.9	44	43	-1	NW	4	c	4	po	46	42	0.05
	Prawle Point ...	29.97	43	N	5	o	29.54	-8.0	38	37	-4	NW	2	bc	1	omr	45	37	0.09
	Jersey (St. Aubin's)	30.07	46	WNW	3	omg	29.57	-8.1	45	42	+6	WSW	5	opmg	4	gmd	47	35	0.10
	Hurst Castle ...	29.92	43	N	4	c	29.51	-8.1	38	38	0	WNW	4	b	2	cip	48	36	0.04
	Dungeness ...	29.90	42	N	4	T	29.45	-8.1	42	42	+12	S	1	op	1	T	42	29	0.03
	North Foreland	29.88	38	WSW	4	o	29.45	-8.0	40	40	+5	ESE	3	og	3	gr	40	34	0.06
	London ...	29.84	41	WSW	1	o	29.46	-8.4	39	38	+6	N	1	c	*	52 o.r	41	31	0.13
	Oxford ...	29.79	41	WSW	3	o	29.48	-8.4	36	35	+2	WNW	1	c	*	52 r	42	33	0.12
	Cambridge ...	29.85	40	SW	1	o	29.44	-8.2	39	39	+5	E	1	T	*	o	43	33	0.33
GERMANY & HOLLAND.	Yarmouth ...	29.85	34	SW	2	o	29.53	-6.6	34	34	0	ESE	8	T	6	osp	35	31	0.30
	Cuxhaven ...	29.92	33	N	2	b	29.79	-2.3	30	28	-3	NE	2	b	*	b	34	18	-
	Berlin ...	29.77	28	NW	4	b	29.69	-1.9	24	22	-3	NW	3	b	*	b	32	23	-
	Wiesbaden ...	#	#	#	#	#	29.60	-4.9	33	32	-2	SW	3	S	*	#	39	32	0.16
	Munich ...	29.91	24	SW	4	b	29.67	-3.2	27	26	+2	SW	6	S	*	b	30	23	0.04
	The Helder ...	29.86	35	NW	1	S	29.70	-4.5	31	29	-6	E	3	c	3	S	37	32	0.20
	Brussels (s.m.)	#	#	#	#	#	29.54	-6.7	34	34	+1	ESE	1	T	*	S	37	31	0.32
	Cape Gris Nez	29.88	42	WSW	4	o	29.54	-7.2	42	40	+5	ESE	2	T	2	o	43	34	0.12
	Paris ...	30.07	38	WSW	2	o	29.67	-6.5	39	36	+5	SSW	4	o	*	o	43	34	-
	Brest ...	?	45	WNW	3	o	?	?	46	45	+1	WSW	4	o	4	o	48	43	-
FRANCE AND BELGIUM.	Lorient ...	30.12	47	N	4	o	29.65	-7.4	48	44	+6	N	6	o	5	o	43	42	0.08
	Rochefort ...	30.22	41	N	3	bc	29.80	-5.9	46	45	+11	N	4	T	*	bc	48	45	0.24
	Belfort ...	?	31	N	3	c	?	?	30	28	-2	N	3	S	*	c	37	28	0.08
	Lyons ...	30.16	32	NW	1	c	29.91	-3.8	28	27	-2	SSW	3	b	*	sc	37	27	-
	Nice ...	29.89	42	SW	5	b	29.76	-1.4	37	32	-2	NE	4	b	1	b	50	32	-
	Perpignan ...	30.13	42	NW	5	b	29.91	-2.4	30	29	-10	N	2	b	*	b	48	28	-
	Biarritz ...	30.23	43	N	3	b	29.88	-1.4	35	32	-6	SSW	2	b	0	b	48	32	-
	Corunna ...	#	#	#	#	#	?	?	?	?	?	?	?	?	?	?	?	?	-
	Lisbon ...	30.01	51	WNW	2	b	29.89	-2.4	43	42	-1	NNE	1	c	*	b	59	43	-

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Monday, 15th Feb. 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:

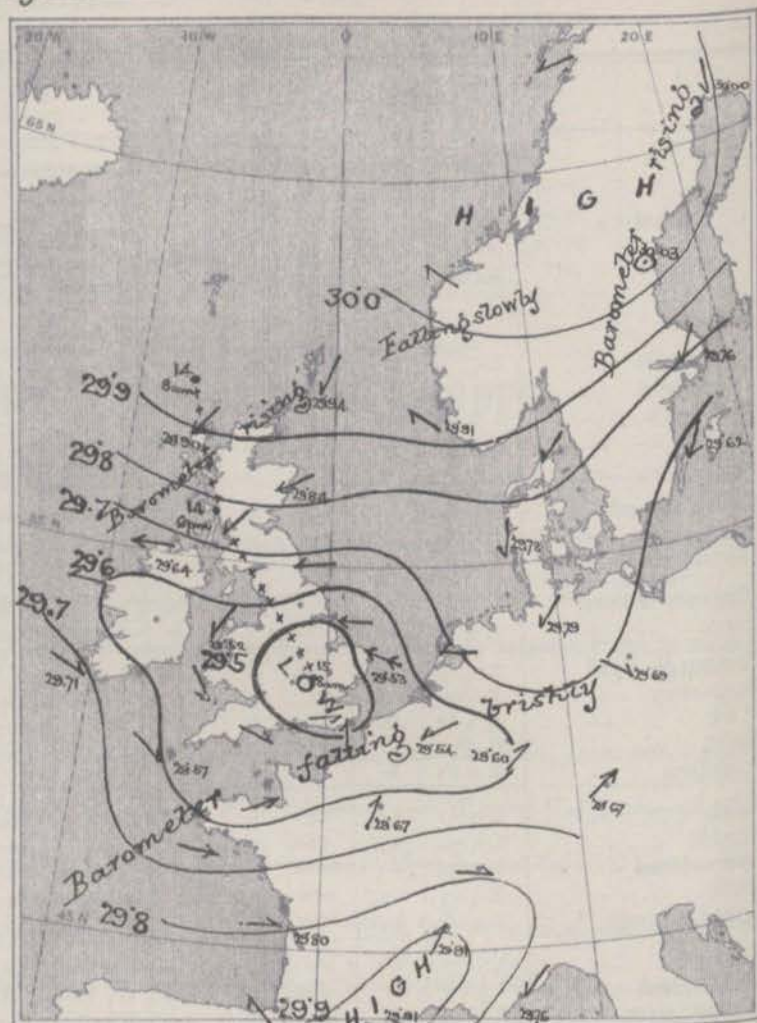
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.903
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.910
Pembroke	29.937
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Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

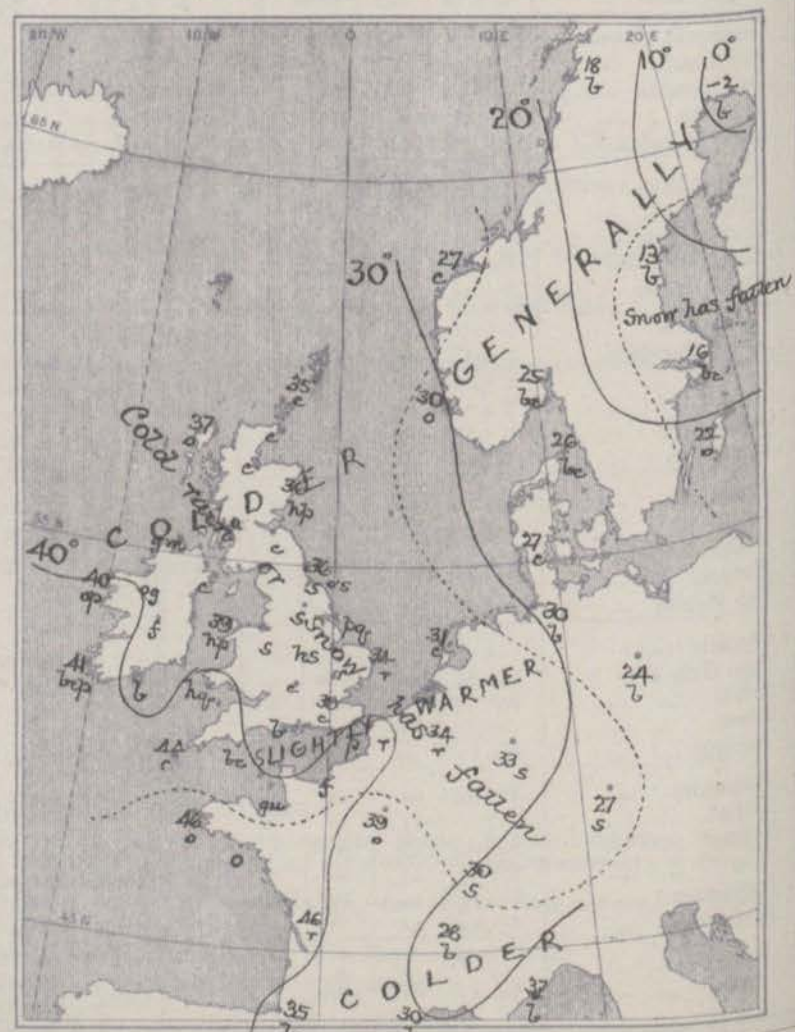
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	42.4	34.5	38.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.55
Leith	45.7	34.3	38.6	37.1	1.45
Shields	45.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.36
York	44.6	33.9	37.5	36.4	1.70
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Mullaghmore	46.6	38.6	42.0	40.3	3.09
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	35.2	38.9	37.3	1.69
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Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.6	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and more to 29.9 in: in a new anticyclone lying over Scandinavia, the Shetlands, and extreme north of Scotland; 29.9 in: and more in the southwest of France and northeast of Spain.
 Lowest, 29.5 in: and less, in a depression over Central England; and 29.7 in: and less over the Baltic.
 Gradients moderate except in the far north, where they are slight.
 Barometer rising in the north and northwest, falling elsewhere. The anticyclone observed on Saturday has entirely disappeared.

TEMPERATURE

Highest, 48° at Lorient, 44° at Scilly, 42° at Dungannon, 41° at Valencia Island.
 Lowest - 2° at Haparanda, +16° at Stockholm, 35° to 36° on the northeast coast of Great Britain, 33° at Liverpool.
 It has fallen decidedly over the northern parts of the Kingdom and the fall is spreading southwards.

WIND

E³ to NE⁴ over all the northern and eastern parts of our Islands, and blowing a moderate to fresh gale on the Norfolk and Lincolnshire coasts. On our southwestern coasts it is light from NW. and over the Channel and France moderate from the W². The E³ wind appears to be spreading southwards, while the W¹ wind is dying out.

WEATHER

Dull and very unsettled generally, with sleet, hail, and cold rain over the northern and eastern parts of the Kingdom, as well as in Belgium and western Germany, and several parts of France.
 The amount of rainfall measured this morning was 0.4 in: and more on our northeast coast, smaller elsewhere.

SEA

Rough in the east and north, moderate in the west, slight in the Channel.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure seems to indicate a continuance of unsettled weather, with cold, squally winds and cold showers.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

1 SCOTLAND
EAST

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

E² and NE² winds, with cold showers, changeable; very cold at night.

E² winds, strong to moderate; cold showers, squally.

Wind shifting to N. and NE. and freshening considerably, with cold showers.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

Same as N° 0 to 2.

Same as N° 10

Same as N° 0 to 2.

NW² and NE² winds, cold, some showers.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeenæs ...	29.94	38	32	E.	2	b	2	Valencia ...							
Sumburgh Head ...								Soilly ...							
Stornoway ...	29.80	43	42	W	3	0	3	Jersey ...	30.21	43	43	SW	3	0	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.05	40	39	W	4	0	3
Ardrossan ...								North Foreland ...	30.04	38	37	WSW	4	0	3
Malin Head ...	29.88	42	40	W	4	0	3	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.00	46	42	WNW	4	0	3	Rocheport ...	30.32	44	44	WNW	3	0	3
Holyhead ...	29.99	44	43	WSW	4	sgm	3								

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

Weather dull and unsettled over the greater part of the United Kingdom with rain or sleet in many places. Dull also over northern and eastern Europe, with snow at many of the Scandinavian and Russian stations; rain in the south of Italy. Fine over Denmark, Holland, Germany, Spain, the south of France and the north of Italy. Considerable amounts of rain or snow falling later in the north and east of Great Britain, as well as in the Netherlands.

Temperature highest (1) 55° at Algiers and Malta, 52° at La Caille and Tunis and 50° at Corunna, Barcelona, Cagliari and Palermo; (2) 46° at Belmullet and Valencia, and 45° at Mullaghmore, Soilly and Brest. Lowest -35° at Karpis, -2° at St. Petersburg, +3° at Archangel, 9° at Uleaborg, and 10° at Moscow; below the freezing point in nearly all parts of northern, eastern and central Europe and also in the extreme southeast of England; very little above 32° over our eastern and midland countries. Daily maxima below 45° in many parts of Great Britain and below 40° at some of the eastern stations. Thermometer exceeding 45° in the west and south of France, and reaching 59° at Lisbon.

Wind light or moderate from the Wnd over the greater part of the United Kingdom, but S^{ly} in the east of Scotland and the northeast of England. Moderate from the Nnd in most part of northern Europe, but strong to a gale at Whisby; strong from the NWnd at several of the German and Austrian stations and from the Nnd over Italy. Light or moderate from the NEnd over Spain and the west of France; S^{ly} in Algeria. Cyclonic circulation of light or moderate breeze appearing later over the northern part of the United Kingdom.

Barometer highest 30.3 ins. to 30.4 ins. in an anticyclone extending from the Atlantic over the southwest of our Islands, the Bay of Biscay and the greater part of France. Lowest 29.1 ins. and less in a well marked depression lying over western Russia; 29.0 ins. and less in a shallow system lying to the northwest of Scotland. Latter disturbance subsequently moving southwards over the northern part of our Islands and barometer falling quickly over the entire Kingdom.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 7th TO 13th FEB. 1892.

At the beginning of this week pressure was highest (30.3 ins. and more to 30.0 ins) in the eastern part of an anticyclone which spread in from the Atlantic over the Iberian Peninsula and France, while a second, but slight, anticyclone lay over Finland and the Gulf of Bothnia. Depressions were appearing in the extreme northwest and spreading southwards over the North Sea, causing strong SW^{ly} to NW^{ly} winds over the United Kingdom and mild showery weather while E^{ly} and SE^{ly} winds and cold weather were felt over Scandinavia.

After Monday the northern high pressure system gave way but that over southwestern Europe increased in intensity, extended in the form of a "ridge" to Germany and Denmark, and moved bodily to the northward. Depressions continued to appear in the north, but advanced over Scandinavia and Lapland and then spread southwards over the Baltic. The winds in our Islands decreased in strength, and the rain became lighter and less general while temperature rose especially over our northeastern districts. - At Aberdeen the sheltered thermometer reached 57° on the 11th, at Shields it reached 56° and at Leith and York 55° on the 12th.

On Saturday morning pressure varied from 29.7 ins. and more on our extreme western coast to a little below 30.5 ins. at Falmouth, to less than 29.8 ins. over the south of Sweden and to above 29.9 ins. over the Gulf of Genoa. Cold dry N^{ly} winds prevailed all over the United Kingdom, with fair dry weather, strong N^{ly} winds and some snow over the countries lying to the eastward of 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.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

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Weekly

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DAILY WEATHER REPORT

for Tuesday 16th February.

1892.

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

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barom.	Temp.	Wind.	Force.	Weather.	Barometer.	Shade Temp.	Wind.	Force.	Weather.	Sea.	Shade Temp.	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.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	(0 to 12).							
	Inch.	°				Inch.	°	°	°						Inch.				
SCANDINAVIA.	Haparanda ...	29.65	-2	2	0	29.65	-52	-3	-3	-1	E	2	0	*	0	12	-6	0.001	
	Hernösand ...	30.01	2	N	2	29.60	-48	4	4	-9	E	0	bc	*	0	21	-4	—	
	Stockholm ...	29.86	16	NNE	4	29.76	00	-2	-3	-18	W	2	6	*	0	21	?	0.16	
	Wisby ...	29.76	21	NNE	4	29.71	+09	19	17	-3	NNE	4	6	*	0	25	16	0.16	
	Bodö ...	29.87	29	N	6	29.87	—	19	17	+1	N	3	6	*	0	?	16	—	
	Christiansund ...	30.14	25	ENE	4	29.71	-32	29	29	+1	NNW	6	0	4	6	29	23	0.12	
	Skudesnaes ...	30.01	27	ENE	2	29.77	+06	21	19	-9	N	1	6	2	6	30	19	—	
	Christiana Fjord (Færd)	30.00	23	NNE	5	29.86	-12	18	16	-7	NNW	2	6	1	6	25	18	—	
	Skagen (The Sea)	29.88	23	ENE	5	29.86	+06	20	18	-6	ENE	1	6	1	6	27	18	—	
	Fanö ...	29.85	24	NE	6	29.87	+09	19	17	-9	NE	3	6	*	0	33	18	—	
BRITISH ISLANDS.	Sumburgh Head	30.00	24	NNE	2	30.02	+08	30	28	-5	NNE	1	6	3	00	29	27	0.01	
	Stornoway ...	29.99	35	NE	6	30.05	+15	34	33	-3	NE	6	0	6	6	30	29	0.15	
	Wick ...	29.97	35	E	5	29.97	+09	34	33	-1	E	5	6	6	6	30	29	0.10	
	Nairn ...	29.93	36	ENE	2	29.95	+14	34	33	-6	ENE	3	6	2	6	30	26	0.01	
	Aberdeen ...	29.92	32	ENE	6	29.97	+18	35	34	-11	NW	2	6	5	0.01	29	25	0.12	
	Leith ...	29.87	32	NE	2	29.94	+21	35	35	-13	E	0	0	*	0	40	23	0.18	
	Shields ...	29.78	36	E	4	29.84	+10	37	32	-5	NE	3	0	5	0.01	40	29	0.05	
	Spurn Head ...	29.67	35	E	8	29.75	+25	32	31	-4	NE	6	0	6	0.01	36	29	0.01	
	York ...	29.72	35	ENE	2	29.82	+24	34	33	-6	NNW	1	6	*	0	42	23	0.03	
	Loughborough	29.62	30	NE	2	29.73	+28	26	25	-9	NE	3	6	*	0	36	23	0.00	
GERMANY & HOLLAND.	Androssan ...	29.83	34	NE	2	29.95	+24	30	29	-6	NNW	2	6	2	0.01	39	26	0.01	
	Malin Head ...	29.76	37	E	6	29.94	+30	35	32	-2	NE	5	0	3	0.01	39	23	—	
	Mullaghmore ...	29.72	38	NE	6	29.91	+33	35	32	-3	ENE	6	0	5	0.01	40	34	—	
	Belmullet ...	29.74	38	ENE	7	29.90	+33	35	34	-5	E	4	6	*	0	40	33	0.13	
	Donaghadee ...	29.76	38	E	8	29.91	+30	34	31	-5	E	7	6	6	0	39	29	—	
	Liverpool (Bidston)	29.66	33	ENE	6	29.82	+32	31	29	-5	NE	3	0	3	0.01	39	29	0.11	
	Holyhead ...	29.63	34	E	6	29.82	+30	32	31	-7	ENE	4	0	4	0.01	41	32	0.04	
	Parsonstown ...	29.59	37	NE	2	29.84	+24	30	30	-3	E	0	0	*	0	39	30	0.05	
	Valencia ...	29.83	42	NE	3	29.74	+03	38	32	-6	NE	7	0	6	0.01	45	33	0.01	
	Roche's Point	29.51	37	NE	4	29.70	+08	32	32	-6	ENE	6	0	5	0.01	42	31	0.15	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.48	37	E	3	29.67	+14	30	29	-14	ENE	5	0	4	0.01	44	29	0.04	
	Scilly ...	29.44	43	N	3	29.45	-22	36	34	-8	NE	6	0	4	0.01	46	33	—	
	Prawle Point ...	29.46	40	NNW	1	29.50	-04	32	30	-6	ENE	8	0	6	0.01	47	33	—	
	Jersey (St. Aubin's)	29.47	45	NNW	3	29.44	-13	37	34	-8	ENE	6	0	5	0.01	47	35	0.08	
	Hurst Castle ...	29.46	36	NE	2	29.57	+08	32	32	-6	E	6	0	3	0.01	46	31	0.02	
	Dungeness ...	29.42	33	N	3	29.56	+11	32	32	-10	E	6	0	5	0.01	45	31	0.09	
	North Foreland	29.47	33	ENE	8	29.63	+18	30	30	-10	E	6	0	6	0.01	40	29	0.25	
	London ...	29.52	32	E	5	29.64	+18	29	29	-10	NE	4	0	*	0	41	29	0.01	
	Oxford ...	29.61	29	E	2	29.70	+12	25	24	-11	NE	2	0	*	0	42	25	0.06	
	Cambridge ...	29.65	21	E	2	29.71	+22	23	23	-16	NE	1	0	*	0	39	22	0.05	
PENINSULA.	Yarmouth ...	29.59	23	E	8	29.68	+15	30	29	-4	NE	7	0	6	0.01	44	29	0.03	
	Cuxhaven ...	29.76	30	ENE	2	29.81	+02	26	24	-4	ENE	4	0	*	0	35	24	—	
	Berlin ...	29.72	25	NW	2	29.70	+01	23	22	-1	N	3	0	*	0	30	21	—	
	Wiesbaden ...	29.52	30	NW	3	29.52	-07	26	24	-7	NE	3	0	*	0	36	25	0.32	
	Munich ...	29.54	30	NW	3	29.45	-22	33	33	+6	NW	5	0	*	0	34	29	—	
	The Helder ...	29.72	31	ENE	4	29.75	+05	28	28	-3	ENE	3	0	3	0	32	27	—	
	Brussels (9 a.m.)	29.45	34	ENE	4	29.58	+04	21	21	-13	NE	5	0	*	0	35	21	0.20	
	Cape Gris Nez	29.45	34	ENE	4	29.58	+02	26	25	-16	E	5	0	*	0	40	25	—	
	Paris ...	29.49	41	ENE	2	29.48	-19	32	32	-7	NE	3	0	*	0	44	30	0.16	
	Brest ...	29.46	46	N	2	29.41	-19	41	41	-5	E	4	0	*	0	44	30	0.28	
GERMANY & HOLLAND.	Lorient ...	29.47	46	N	2	29.31	-34	44	42	-4	E	2	0	4	0	44	40	0.43	
	Rochefort ...	29.62	46	N	4	29.46	-34	43	42	-3	E	4	0	*	0	40	41	0.28	
	Belfort ...	29.66	36	N	3	29.57	-34	39	32	+8	N	3	0	*	0	40	30	0.16	
	Lyons ...	29.69	39	E	2	29.57	-34	30	29	+2	E	1	0	*	0	41	29	—	
	Nice ...	29.63	42	E	1	29.56	-20	38	32	+1	E	1	0	*	0	40	34	—	
	Perpignan ...	29.59	47	N	0	29.50	-38	50	42	+15	SEW	2	0	1	0	34	?	—	
	Biarritz ...	29.59	47	N	0	29.50	-38	50	42	+15	SEW	2	0	1	0	34	?	—	
	Corunna ...	29.75	32	NW	2	29.72	-17	51	48	+8	N	2	0	*	0	35	?	—	
	Lisbon ...	29.75	32	NW	2	29.72	-17	51	48	+8	N	2	0	*	0	35	?	—	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Tuesday, 16th Feb^y 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:

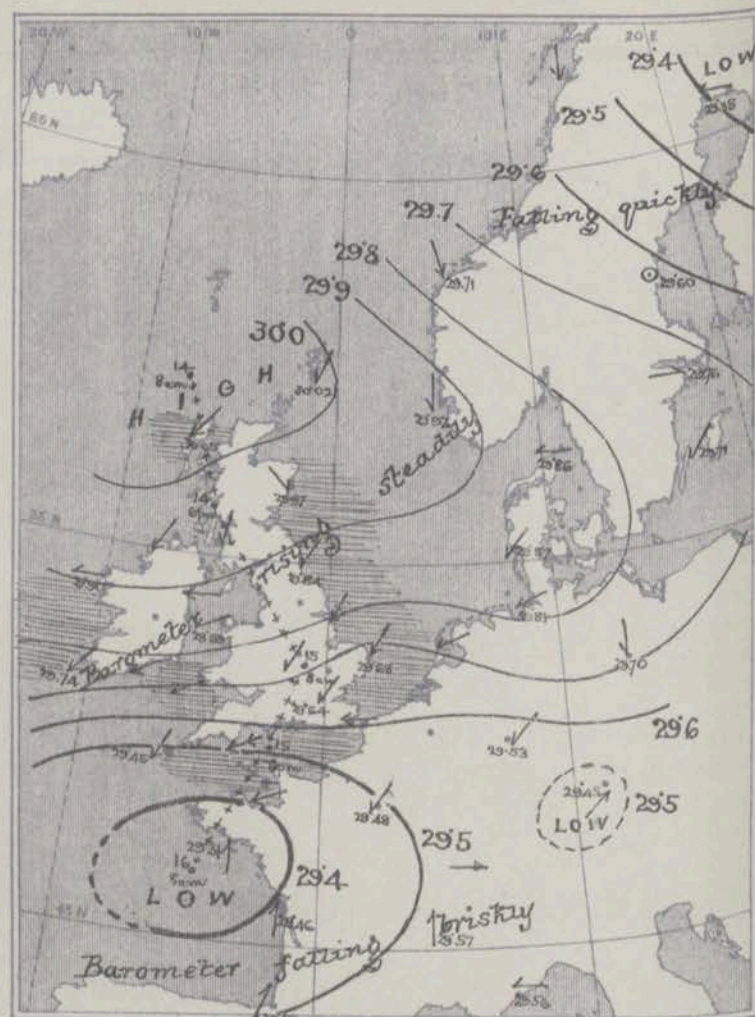
☼ = Rough. ☼ = High.

'MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871-1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Seilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

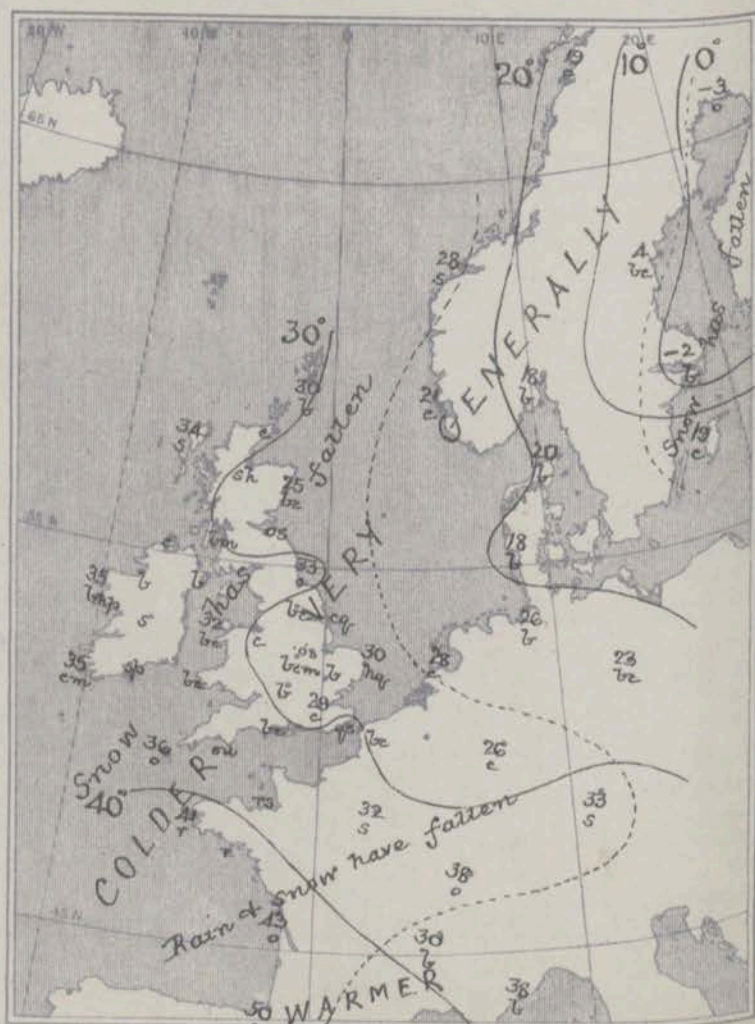
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.4	34.5	35.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.55
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.36
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	35.3	39.4	38.2	3.04
Mullaghmore	46.6	38.6	42.0	40.3	3.09
Donaghadee	45.5	36.0	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Seilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.6	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	46.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in: and more, in an anticyclone lying off the north of Scotland.
Lowest, 29.4 in: and less, over Lapland and also in a depression lying over the northwest of France and the northern parts of the Bay of Biscay; 29.5 in: and less, in a small disturbance lying over Bavaria.

Gradients moderate for E winds over the south of our Islands, and for N winds over Sweden, slight elsewhere.
Barometer rising over the United Kingdom, but falling at the Continental stations, quickly over the northern parts of Scandinavia.

TEMPERATURE

Highest, 51° at Lisbon, 50° at Biarritz, 44° at Orient, 43° at Rochefort, 41° at Brest, and 38° at Nice.
Lowest, -3° F. at Haparanda, -2° at Stockholm, +4° at Helsingfors, 13° at Färder and Jaro, and 19° at Bodo.

Frost was experienced last night in all parts of the United Kingdom, the lowest reading in the screen being 22° at Cambridge and 23° at Reith.

WIND

Strong from the E or NE on most of the English and Irish coasts, as well as in the Hebrides; light or moderate from the same quarters in the east of Scotland, as well as over Denmark, North Germany, and the Netherlands.

Moderate from the S in the west of France, and light from W. at Lisbon.

N over Scandinavia, — strong in force at Christiansund.

WEATHER

Fine over the northern parts of England and Ireland, as well as in Denmark and North Germany.

Cloudy or overcast elsewhere, with rain in the northwest of France, and with snow in many other parts of Western Europe.

Snow fell yesterday over nearly the whole of the United Kingdom, the largest amount of water yielded in the gauge being 0.8 in. at Loughborough and 0.6 in. at Cambridge.

SEA

Wavy or rather so on nearly all parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the Bay of Biscay will probably continue to travel away in a southerly direction. The rapid fall of the barometer over Scandinavia seems to indicate the advance of a large disturbance from the north-eastward, and the weather is likely to remain very unsettled, especially in the north.

FORECASTS

For the 24 hours ending at NOON on 17th FEB^{ry} 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | { NE ² to N ² winds, increasing in force; unsettled, some snow. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | { NE ² to N ² winds, fresh or strong; changeable, some snow showers. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | { NE ² winds, moderate or fresh; changeable, some snow showers. |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | { NE ² to N ² winds, freshening; fair to unsettled and some snow showers |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | NE ² winds, strong to moderate; changeable, some snow showers. |
| 9 | IRELAND NORTH | NE ² winds, strong; fair to unsettled and some snow. |
| 10 | IRELAND SOUTH | Same as 7 th & 8 th . |

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 ...	29.86	33 25	ESE	4	0	2	Valencia ...	29.53	44 40	NNE	3	bc	3
Sumburgh Head ...	29.88	33 33	NE	2	c	4	Scilly ...	29.48	43 42	N	3	bc	3
Stornoway ...	29.85	33 33	NE	5	c	5	Jersey ...	29.57	47 44	WNW	3	cp	2
Aberdeen ...	29.84	33 32	ESE	6	bcg	6	Hurst Castle ...	29.46	42 41	NW	4	fb	2
Shields ...	29.74	33 34	ESE	5	c	6	Dungeness ...	29.41	42 41	N	3	c	6
Ardrossan ...	29.77	33 33	ESE	3	om	2	North Foreland ...	29.42	34 34	ESE	2	o	6
Malin Head ...	29.74	33 33	E	6	o	3	London ...	29.44	33 33	ENE	2	o	6
Mullaghmore ...	29.69	33 36	ENE	7	o	6	Yarmouth ...	29.53	34 33	E	3	cg	6
Belmullet ...	29.68	33 33	E	7	o	6	Rocheport ...	29.83	46 44	N	5	o	6
Holyhead ...	29.53	33 36	E	6	cmg	5							

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

Weather in morning fine and bright over Scandinavia and also over south-western and southern Europe; rough and very unsettled over the British Islands and their neighbourhood, with squalls of wet snow, hail, and cold rain in many northern and eastern districts, and sleet showers in France; dull and unsettled over Russia and Poland, with some snow in several localities. Snow squalls extending to the southern parts of our Islands later, weather very rough and unsettled.

Temperature risen over France and southern parts of England, fallen elsewhere; morning readings exceeding 50° at very few stations even in Algeria; exceeding 40° on most parts of the Atlantic coast of France and the shores of the English Channel; below 40° on our north and east coasts, below 30° in Norway, Denmark, and Germany, and as low as -2° F. at Haparanda, +2° to 3° over Finland and northern Russia, 12° at Kharkov, 13° at Kiev, 19° at Warsaw; 28° at Lyons, 31° even at Leipzig and Rome, 32° at London; 29° at Madrid. Falling fast over the south of England and in France later.

Wind (1) NE² light over northern Russia, NNE² moderate to strong, over the Baltic, W² light over southern Russia; (2) E² light to a gale over the northern and eastern parts of our Islands, NW² light in the south-west and south, W² moderate to strong over France, SW² over Germany. (3) Small cyclonic circulation of fresh winds over northern part of the Mediterranean. Strong E² winds spreading to the southern coasts of England later - very squally and keen.

Barometer highest 30.0 in. and more to 29.9 in. over Spain, Algeria, and the southern parts of the Mediterranean, also over Scandinavia, the Gulf of Bothnia, the Shetland Islands, and extreme north of Scotland. Lowest 29.3 in. and less, in a large but shallow depression over Central Russia, and 29.5 in. and less, in a complex disturbance lying over our Islands, Belgium, and the north-east of France. Latter disturbance moving southwards later, and gradient for E² winds spreading all over our 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. The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Wednesday, 17th February,

1892.

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

Issued by the Meteorological Office, 55, Victoria Street, London. W. 1. 100171, Secretary.																			
		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.			
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.	
		Inch.	°				Inch.												Inch.
SCANDINAVIA.	Haparanda ...	29.43	13	NE	4	0	29.54	+16	-11	-11	-8	E	2	b	#	0	?	-8	-
	Hernösand ...	29.19	15	Z	0	S	29.06	-54	8	8	+4	N	2	S	#	S	18	2	0.08
	Stockholm ...	29.36	15	SW	2	0	29.09	-67	12	11	+14	W	2	S	#	0	18	-4	-
	Wisby ...	29.47	19	W	4	b	29.16	-55	23	22	+4	SSW	6	S	#	b	?	44	0.16
	Bodö ...	29.54	5	ENE	1	b	29.55	?	1	0	-18	ENE	1	b	1	b	19	0	-
SCANDINAVIA.	Christiansund...	29.46	25	ESE	8	S	29.31	-40	18	17	-10	E	6	bc	4	S	30	18	0.16
	Skudesnaes ...	29.44	30	Z	0	S	29.21	-76	20	20	-1	NNE	2	b	2	os	32	19	-
	Christiania Fjord (Fierder)	29.37	28	WSW	5	b	29.21	-65	19	16	+1	NW	3	c	1	b	28	18	-
	Skagen (The Seaw)	29.28	26	NW	4	bc	29.18	-68	23	21	+3	E	5	o	2	bc	30	19	-
	Fanö ...	29.57	27	NW	4	c	29.26	-61	30	30	+12	W	6	c	#	c	30	18	-
SCANDINAVIA.	Sumburgh Head	29.67	29	N	3	S	29.30	-72	28	28	-2	NNE	1	S	3	S	39	25	0.07
	Stornoway ...	29.85	32	NW	3	S	29.40	-65	29	29	-5	N	4	S	4	cs	36	27	0.15
	Wick ...	29.81	30	NW	1	S	29.30	-67	26	25	-8	N	1	bc	2	S	39	20	0.16
	Nairn ...	29.79	30	Z	0	c	29.35	-64	30	30	+1	NW	1	c	1	sc	37	26	0.17
	Aberdeen ...	29.79	28	NW	1	o	29.31	-66	28	27	+3	NW	3	bcsp	3	bc	35	25	0.02
SCANDINAVIA.	Leith ...	29.83	32	NE	2	bc	29.33	-61	31	31	+6	Z	0	S	#	tlc	35	24	0.12
	Shields ...	29.80	30	W	1	m	29.35	-69	27	27	-6	SW	2	o	3	sp m	35	19	0.01
	Spurn Head ...	29.71	32	ENE	5	c	29.44	-31	26	26	-6	ENE	3	bc	4	sp c	34	25	0.02
	York ...	29.79	30	E	1	b	29.45	-37	22	22	-7	SW	1	c	#	b	36	17	0.01
	Loughborough	29.72	26	NE	3	bc	29.52	-21	2	2	-24	ESE	1	bm	#	bc	33	0	0.02
BRITISH ISLANDS.	Ardrossan ...	29.86	33	NNE	1	bc	29.30	-65	34	34	+4	NNE	1	c	1	bc s	36	29	0.05
	Malin Head ...	29.90	35	NNE	5	bc	29.37	-57	37	37	+2	NW	5	op	4	bc	38	33	0.08
	Mullaghmore ...	29.90	35	NNE	5	b	29.45	-46	39	38	+4	NW	5	ogrs	4	bc rs	40	32	0.19
	Belmullet ...	29.94	34	ENE	3	b	29.47	-43	37	37	+2	NW	5	cpq	#	b	40	34	0.22
	Donaghadee ...	29.86	35	NE	6	bc	29.37	-54	32	32	-2	NW	4	S	3	bc	37	32	0.03
BRITISH ISLANDS.	Liverpool (Bidston)	29.78	29	NE	3	b	29.46	-36	28	27	0	WSW	3	osp	3	b	39	25	-
	Holyhead ...	29.79	33	ENE	5	og	29.48	-34	38	31	+1	WSW	4	og	4	g c	35	27	-
	Parsonstown ...	29.85	31	NE	1	b	29.53	-31	32	32	+2	Z	0	o	#	b	35	23	-
	Valencia ...	29.86	36	NE	5	csp	29.69	-05	36	35	+1	NW	2	cshp	2	spm	38	28	0.04
	Roche's Point	29.78	32	ESE	6	bc	29.64	-06	34	32	+2	NW	3	c	3	spbc	36	28	0.02
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.69	33	ENE	5	b	29.58	-04	34	32	+4	NW	3	csg	2	b	35	26	-
	Scilly ...	29.54	34	NE	6	c	29.65	+20	34	32	-2	NNE	4	c	4	c	36	31	0.01
	Prawle Point ...	29.53	30	ENE	8	o	29.63	+13	23	21	-9	NW	2	b	1	o	32	21	-
	Jersey (St. Aubin's)	29.38	32	E	6	sm	29.54	+10	31	30	-6	N	4	ogrs	3	sm	?	28	0.06
	Hurst Castle ...	29.55	31	ENE	8	bc	29.57	-02	22	21	-10	NE	3	b	3	spbc	35	20	-
BRITISH ISLANDS.	Dungeness ...	29.51	32	E	7	cs	29.45	-11	25	25	-7	N	4	S	3	cs	33	25	-
	North Foreland	29.55	30	E	7	osp	29.43	-20	26	26	-4	NW	4	S	4	sp	30	25	-
	London ...	29.62	28	ENE	4	bcq	29.53	-11	22	21	-7	N	1	f	#	csp b	33	31	-
	Oxford ...	29.66	25	NE	3	b	29.56	-14	17	16	-8	N	1	b	#	b sp	32	17	-
	Cambridge ...	29.69	26	E	2	c	29.53	-18	16	16	-7	N	1	b	#	c	32	18	0.02
BRITISH ISLANDS.	Yarmouth ...	29.66	30	ENE	3	cghs	29.46	-22	25	25	-5	NW	3	c	4	ghs c	32	24	0.02
	Cuxhaven ...	29.73	24	NE	3	c	29.45	-36	19	17	-7	S	1	b	#	c	26	18	-
	Berlin ...	29.62	22	NE	3	o	29.38	-32	17	17	-6	NE	2	o	#	o	27	14	0.04
	Wiesbaden ...	#	#	#	#	#	29.19	-34	23	22	-3	NE	2	c	#	o	27	23	0.12
	Munich ...	29.39	24	Z	0	c	29.06	-39	30	30	-3	SSW	3	o	#	o	21	21	0.20
GERMANY & HOLLAND.	The Heider ...	29.69	27	ENE	3	b	29.45	-30	19	18	-9	S	1	b	1	b	28	19	-
	Brussels (v.a.m.)	#	#	#	#	#	29.39	-19	14	13	-7	NNE	4	c	#	b	28	13	-
	Cape Gris Nez	29.52	27	ENE	5	c	29.43	-13	26	25	-13	ENE	4	bc	5	c	30	25	-
	Paris ...	29.40	28	NNE	3	S	29.34	-14	19	19	-13	N	4	S	#	S	?	?	0.28
	Brest ...	?	33	NE	6	S	?	?	32	31	-9	NE	5	o	4	S	45	30	0.75
FRANCE AND BELGIUM.	Lorient ...	29.27	37	NE	5	o	29.54	+23	31	30	-13	NNE	3	o	3	o	46	28	0.32
	Rochefort ...	29.37	19	WSW	4	o	29.43	-03	31	29	-12	N	6	o	#	o	50	28	0.02
	Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lyons ...	29.43	44	S	2	o	29.31	-36	41	37	+11	S	3	o	#	o	47	30	-
	Nice ...	29.47	46	SSW	4	bc	29.31	-25	45	37	+7	SW	2	o	3	bc	54	38	-
FRANCE AND BELGIUM.	Perpignan ...	29.51	46	Z	0	o	29.40	-43	41	41	-3	W	1	o	#	o	53	35	-
	Biarritz ...	29.45	56	SW	3	o	29.47	-03	47	42	-3	NW	7	o	5	o	54	39	0.39
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	29.44	53	SW	3	o	29.74	+02	52	50	+1	W	4	f	#	o	59	51	0.04

For Explanation of Columns, see bottom of p. 4.

Erratum, - The minimum reading for London in the report of the 16th Inst. should read "33".

† Received too late for insertion in *Chron* on p. 2.

WEATHER CHARTS

for 8 a.m. on Wednesday, 17th Feb. 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.

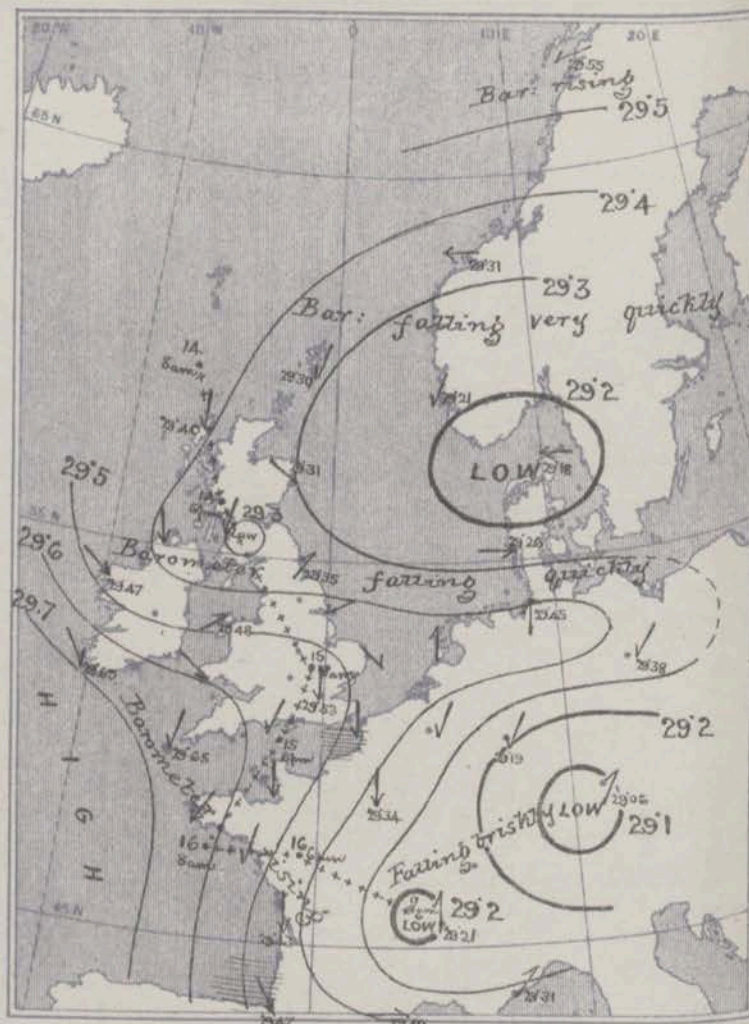
SEA DISTURBANCE—Where considerable, is shown thus:

— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

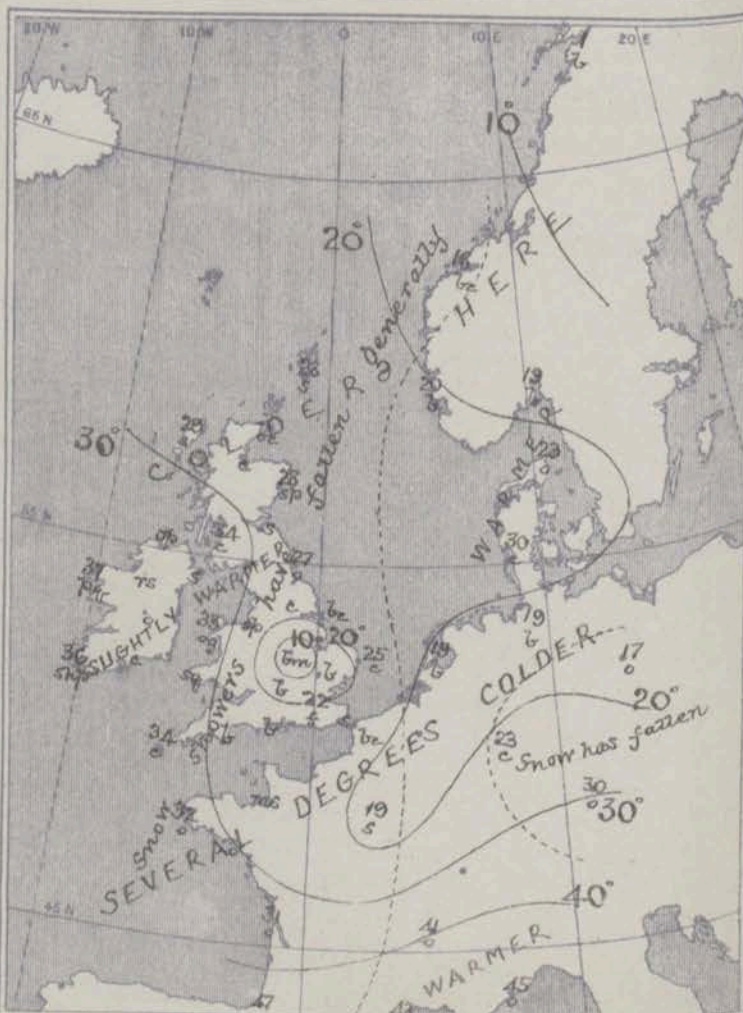
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.4	34.5	33.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	43.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.36
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	36.3	39.4	38.2	3.04
Mullaghmore	46.6	38.6	42.0	40.3	3.09
Donaghadee	46.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.5	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.65
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.96
LONDON	45.8	33.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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, 29.7 in: and upwards, in a large area lying to the southward of our Islands.
 Lowest, 29.2 in: and less, in three depressions, — one lying off the south of Norway, another over South Germany, and a third over Central France near Lyons.
 Gradients slight generally, but very irregular.
 Barometer rising in the west of France and also in the north of Norway but falling elsewhere, — notably over the northern part of our Islands.

TEMPERATURE

Highest, 52° at Lisbon, 47° at Rhine, 45° at Nice, 43° at Perpignan, 41° at Lyons, and 39° at Mallowmore.
 Lowest, (1) 1° at Rodez, 18° at Christianaund and 19° at Haerlev; (2) 2° at Loughborough, 16° at Cambridge, and 17° at Oxford.
 Hard frost was experienced over England last night, the thermometer in the screen falling to zero at Loughborough, to 13° at Cambridge, and to 17° at York and Oxford.

WIND

N³ or NW³ over the southern part of our Islands and the west and north of France; strong in force over the Bay of Biscay.
 Light SW¹ over the north of England, but NW³ or N⁴ in Scotland, and NE³ in the west of Norway.
 Cyclonic circulation of light winds are reported over the southern part of France and Germany.

WEATHER

Fine in the south of England and also in Norway, but cloudy or overcast elsewhere, with snow at many of our northern stations as well as at Jersey and Paris.
 Snow showers fell yesterday in many parts of England and large quantities in France; at least the amount yielded as much as 0.8 in. of water in the gauge.
 Thunder and lightning occurred at Leith yesterday.

SEA

Moderate or slight generally, but rather rough at Cape Fin Noy and Rhine.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In addition to the depression which lies off the south of Norway some shallow secondary disturbances are found over the northern part of our Islands. These are likely to move southwards and to occasion snow in nearly all parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 18th FEB^{ry} 1892.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	N ³ to NE ³ winds, increasing in force; squally, some snow.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Variable breezes, finally N ³ ; unsettled, some snow.
3	ENGLAND EAST	W ³ winds, light or moderate; fair to dull and some snow.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as N ⁰ 0 and 1.
7	ENGLAND N.W.	NW ³ to N ³ winds, increasing in force; squally, some snow.
8	ENGLAND S.W.	NW ³ winds, freshening considerably; squally, some snow.
9	IRELAND NORTH	Same as N ⁰ 7
10	IRELAND SOUTH	Same as N ⁰ 8
WARNINGS		At 4 pm yesterday to districts 0, 1, 2 and 6, and at 7.30 pm to districts 7, 9, and part of 3. "Hoist North Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaea ...	29.73	32	28	N	4	0	2	Valencia ...	29.82	38	34	NE	6	c m	6
Sumburgh Head ...	29.82	30	29	N	2	S	3	Scilly ...	29.50	35	33	NE	6	c	6
Stornoway ...	30.00	34	34	NE	4	c	4	Jersey ...	29.42	34	33	E	6	o s	5
Aberdeen ...	29.91	35	31	N	2	bc	4	Hurst Castle ...	29.55	34	33	E NE	8	b c s p	6
Shields ...	29.86	33	33	NE	2	c	5	Dungeness ...	29.55	32	32	E	7	c	6
Ardrossan ...	29.93	36	34	NE	1	b	1	North Foreland ...	29.62	29	29	E	6	S	6
Malin Head ...	29.94	35	33	NE	3	bc	3	London ...	29.65	32	30	E SE	4	c	6
Mullaghmore ...	29.94	37	32	NE	5	bc	4	Yarmouth ...	29.69	31	31	E	7	c q	6
Belmullet ...	29.95	39	36	E NE	6	b	4	Rochefort ...	29.40	48	46	SE W	4	o	6
Holyhead ...	29.81	34	33	E NE	5	bc	4								

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

Weather in morning fine and bright over Algeria, the south of France, and (temporarily) in many parts of Ireland and England; cloudy and unsettled elsewhere, with snow showers in many places. General condition changeable and unsettled. Rain or snow later in considerable quantity in the north and west of France, and in smaller amount over Germany, Ireland and Scotland.

Temperature falling decidedly over the British Islands and northwestern Europe, and low for the time of year in nearly all districts. Morning readings exceeding 50° at some Mediterranean stations and at Lisbon, and exceeding 40° in the west of France and on the shores of the Adriatic, much lower elsewhere. Below the freezing point over the British Islands, below 20° in many parts of Germany and Russia, and as low as -16° F at Archangel, -5° at Uleaborg, -3° at Haparanda and Moscow, -2° at Stockholm, +7° at Warsaw and Lemberg. Falling to reach 40° over the greater part of the British Islands, the Netherlands, and northeast of France during the day, but touching 54° at Nice, 57° at Biarritz, and 59° at Lisbon.

Wind N¹ fresh, over Norway NE² light to moderate, in Denmark and Holland, and NE³ to E³, moderate to a gale over the United Kingdom and English Channel. Light and extremely variable over southwestern and central Europe, NW¹ in the south of Russia, but chiefly S¹ over Italy, Sicily, Malta, and Tunis. NE³ wind continuing strong over Ireland, England, and the Channel during day, but backing to NW in Scotland; and a N¹ gale setting in on the Norwegian coast.

Barometer highest 30.0 in: and more to 29.7 in: over nearly the whole of the British Islands, the North Sea, Germany, Denmark, the south of Scandinavia, and the Baltic; (2) exceeding 29.7 in: over the southern part of Spain, Algeria, and the south of Italy. Lowest, 29.1 in: and less, in a depression over the southern half of Russia; (2) 29.4 in: and less, in another disturbance off the west coast of Brittany, as well as in a third over Lapland. Falling fast over Scandinavia and the northeast of Scotland later, slightly over France and rising slightly in Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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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 Thursday, 18th February, 1892.

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

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STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Baromet.		Shade Temp.			Wind.		Sea (to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.
		Inch.	°				Inch.	°	°	°								Inch.		
SCANDINAVIA.	Haparanda ...	29.33	-7	NE	6	0	29.20	-34	0	0	+11	N	2	0	*	0	0	-11	-	
	Hernösand ...	29.30	1	N	6	0	29.39	+33	-8	-1	-9	NW	2	C	*	0	18	-1	0.24	
	Stockholm ...	29.22	6	Z	0	b	29.27	+18	4	3	-8	NNE	2	S	*	0	18	1	-	
	Wisby ...	29.19	18	ESE	4	S	29.25	+09	22	21	-1	S	4	0	*	5	23	16	0.67	
	Bodö ...	29.44	5	ENE	2	b	29.39	-16	7	?	+6	ENE	2	0	1	0	?	0	-	
SCANDINAVIA.	Christiansund...	29.37	13	E	6	c	29.37	+06	11	9	-7	ESE	5	b	3	C	18	10	-	
	Skudesnaes ...	29.02	19	NW	5	S	29.19	-02	14	12	-6	ENE	4	b	2	OS	30	12	-	
	Christiania Fjord (Færder)	29.15	13	NNE	7	3	29.23	+02	8	6	-11	NNE	7	0	3	S	19	7	-	
	Skagen (The Seaw)	29.05	23	SW	3	b	29.06	-12	18	18	-5	E	6	S	3	b	23	16	-	
	Fanö ...	29.09	27	SW	4	c	29.01	-25	28	27	-2	SW	6	C	#	C	34	21	0.16	
SCANDINAVIA.	Sumburgh Head	29.23	30	NE	5	0	29.29	-01	28	26	0	NE	3	C	5	SO	30	22	0.08	
	Stornoway ...	29.25	30	E	4	bc	29.28	-02	28	27	+2	NW	2	C	3	bc	37	23	0.12	
	Wick ...	29.22	32	NE	3	bc	29.31	-04	27	27	-3	N	2	bc	2	S bc	33	25	0.02	
	Nairn ...	29.20	28	NW	3	bc	29.30	-01	24	23	-2	NW	3	OSP	5	SP bc	34	23	0.10	
	Aberdeen ...	29.21	33	N	1	b	29.31	-02	27	27	-4	N	2	b	#	b	40	25	0.04	
SCANDINAVIA.	Shields ...	29.16	31	NW	2	0	29.21	-14	30	30	+3	NW	2	C	4	SO	33	24	0.14	
	Spurn Head ...	29.13	29	SW	4	sm	29.11	-33	32	30	+6	NE	5	C	3	sm	33	25	0.07	
	York ...	29.12	29	S	1	S	29.20	-25	26	26	+4	N	1	b	#	S	31	20	0.26	
	Loughborough	29.14	30	SSW	5	0	29.15	-37	28	26	+26	NW	3	b	#	0	32	2	0.07	
	Ardrossan ...	29.22	35	NNE	1	0	29.33	+03	28	26	-6	NNE	1	b	1	0	38	25	-	
ISLANDS.	Malin Head ...	29.27	37	NW	3	OSP	29.35	-02	33	32	-4	ESE	4	b	2	SP	38	32	0.01	
	Mullaghmore ...	29.32	36	NW	5	Cg	29.34	-11	31	29	-8	E	4	b	2	SP CV	42	31	0.12	
	Belmullet ...	29.28	38	NW	2	b	29.33	-14	33	32	-4	E	2	OSP	4	OSP	43	32	0.20	
	Donaghadee ...	29.25	37	NNE	4	bc	29.34	-03	32	32	0	NE	5	b	3	bc	41	31	0.02	
	Liverpool (Bidston)	29.20	33	NW	4	0	29.27	-1	28	27	0	NNE	2	C	3	SO	35	27	0.12	
BRITISH ISLANDS.	Holyhead ...	29.23	38	N	4	OG	29.28	-20	33	32	0	ENE	4	bc	4	g c g	40	32	0.14	
	Parsonstown ...	29.34	36	NE	1	C	29.21	-32	30	30	-2	2	0	bc	4	C	45	30	0.03	
	Valencia ...	29.42	43	NW	5	CP	29.25	-44	37	35	+1	NW	4	C	4	ghr sp	47	34	0.19	
	Roche's Point	29.35	40	N	5	P	29.25	-39	34	32	0	NNE	1	C	3	P	45	33	0.06	
	Pembroke (St. Ann's Hd.)	29.25	38	NW	4	T	29.24	-34	32	31	-2	NE	2	bc sg	2	T	40	32	0.20	
BRITISH ISLANDS.	Scilly ...	29.35	44	NW	6	FG	29.21	-44	44	43	+10	SSW	1	C	5	g ob	45	32	0.07	
	Prawle Point ...	29.30	36	W	6	T	29.23	-40	35	32	+12	N	1	bc	0	PST	39	21	0.12	
	Jersey (St. Aubin's)	29.50	35	NSW	4	bc	29.23	-31	34	35	+7	NW	3	bc m	3	bc T	40	29	0.35	
	Hurst Castle ...	29.30	35	NSW	7	T	29.20	-37	28	26	+6	NW	4	b	2	b ors	37	20	0.10	
	Dungeness ...	29.35	32	W	4	bc	29.11	-34	25	25	0	NW	4	m	3	bc	33	20	0.23	
BRITISH ISLANDS.	North Foreland	29.33	28	W	4	b	29.06	-37	29	29	+3	NW	6	0	4	b S	31	25	0.05	
	London ...	29.28	31	W	3	OS	29.15	-38	25	24	+3	NW	2	C	#	bm OS	34	21	0.10	
	Oxford ...	29.13	31	N	3	0	29.21	-35	23	22	+6	NW	3	b	#	C OS	32	17	0.03	
	Cambridge ...	29.24	30	NSW	3	S	29.12	-41	30	30	+14	N	3	S	#	S	30	16	0.13	
	Yarmouth ...	29.26	28	SW	4	C	29.06	-50	31	31	+6	N	6	sq	6	bc	31	23	0.16	
GERMANY & HOLLAND.	Cuxhaven ...	29.27	28	SW	3	b	29.23	-22	23	21	+4	S	3	b	#	b	28	19	-	
	Berlin ...	29.28	20	NNE	3	b	29.38	-00	15	14	-2	SW	3	bc	#	b	23	12	-	
	Wiesbaden ...	#	#	#	#	#	29.40	+21	9	8	-14	N	1	C	#	*	23	3	-	
	Munich ...	29.21	20	NW	5	S	29.43	+39	13	12	-19	SSW	5	b	#	S	37	14	0.08	
	The Helder ...	29.25	31	SW	2	C	29.02	-43	24	24	+5	SSE	2	S	3	C	30	19	0.08	
FRANCE AND BELGIUM.	Brussels (9 a.m.)	#	#	#	#	#	29.05	-34	25	21	+11	SSW	5	0	#	b	27	?	0.04	
	Cape Gris Nez	29.38	30	NSW	4	C	29.08	-35	29	29	+3	NW	6	C	7	C	34	23	-	
	Paris ...	29.54	22	W	2	C	29.12	-12	29	28	+10	SSW	4	S	#	C	29	14	0.16	
	Brest ...	?	40	W	4	0	?	?	40	?	+8	NW	3	0	4	0	41	32	0.34	
	Lorient ...	29.60	37	NW	3	C	29.26	-28	43	39	+12	NW	3	0	5	C	?	30	0.43	
FRANCE AND BELGIUM.	Rochefort ...	29.68	33	NW	4	C	29.45	+02	44	39	+13	W	6	0	#	bc	50	28	-	
	Belfort ...	?	19	W	2	bc	?	?	16	11	-23	W	3	b	#	bc	42	20	0.04	
	Lyons ...	29.58	24	NW	6	0	29.64	+43	18	16	-23	S	2	C	#	OS	51	15	-	
	Nice ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
	Perpignan ...	29.54	39	NW	4	b	29.65	+25	26	24	-17	SW	1	b	#	b	52	24	-	
PENINSULA.	Biarritz ...	29.69	38	E	4	f	29.54	+07	36	32	-11	S	3	b	3	f	47	30	0.12	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-	
PENINSULA.	Lisbon ...	29.75	52	Z	0	0	29.36	-38	35	34	+3	NSW	7	0	#	0	57	30	0.87	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

for 8 a.m. on Thursday, 18th February, 1892.

EXPLANATION OF MAP



Changes since previous morning are stated in words.

their barbs and feathers refer to force thus—

$\Rightarrow \Rightarrow$ forces above 10 \Rightarrow forces 8 to 10
 \Rightarrow forces 5 to 7 \Rightarrow forces 2 to 4

⊙ = don't calm

SEA DISTURBANCE—Where considerable, is shown thus

 = Rough,  = High.

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

[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 February.)

[illegible]

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 29.6 ins: and upwards, over the southeastern parts of France.
 Lowest, 29.0 ins: and less, in two small depressions lying respectively off the coasts of Denmark and Norfolk; 29.2 ins: and less, over Lapland and also in a small disturbance lying near Seilly; 29.4 ins: and less, in a larger system lying over Portugal.
 Gradients moderate over the Netherlands and northeast of France, but slight elsewhere.
 Barometer rising over the northern part of the United Kingdom, as well as in Germany, the south of Scandinavia, and the southeast of France, but falling elsewhere, — quickly at Lisbon.

TEMPERATURE

Highest, 55° at Fieson, 54° at Seilly and Rochefort, 43° at Lorient, 40° at Cherbourg, and 38° at Jersey.
 Lowest, -1° F. at Helsingfors, 0° at Haparanda, 4° at Stockholm, 8° at Finsbury, and 9° at Wiesbaden.
 A considerable rise has taken place over Central England, but a slight fall in Ireland and Scotland.

WIND

N³ over Great Britain and the south of Ireland, light or moderate in force generally, but strong on our southeast coast.
 E² or NE² in the north of Ireland, as well as in Norway.
 Light to fresh from the S² or SW² over France, Germany, Denmark, and the Netherlands; variable in Sweden.

WEATHER

Fine at present over the greater part of Northwestern Europe, but snow showers reported in a few places.
 Dull in the west of France and also at Lisbon.
 Snow fell yesterday in all parts of the United Kingdom, as well as at many of the Continental stations, and heavy rain (0.9 in.) at Lisbon. Lightning was seen at Seilly during the night.

SEA

High at Cape Finis Neg and rough or rather so on the east coasts of Great Britain as well as at Seilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is now very complex and changeable weather seems likely to continue generally. The new depression which has appeared over Portugal may possibly advance northwards towards our southwest coast.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

1 N² winds, moderate; changeable, some snow showers.
 2 N² winds, strong, squally, some snow.
 3 NW² to Variable or E² breezes; unsettled, some snow showers.

DISTRICTS.

FORECASTS.

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

6 NE² winds, moderate or fresh; fair generally, but some snow showers.
 7 Variable winds, finally E²; fair to unsettled and some snow.
 8 Same as No 6 and 7.
 9 N² to NE² winds; fair to unsettled and some snow showers.
 10 The NORTH CONE is still flying in districts 6 to 3, 6, 7, and 9.

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.	P.	WEA.	SEA.		BAR.	THER.	WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.			
Skudesnaes ...	29.12	30	26	E	1	0	2	Valencia ...	29.50	45	43	NW	5	0 q h p
Bumburgh Head ...	29.21	29	19	N	3	S	3	Scilly ...	29.53	40	37	N	4	0
Stornoway ...	29.31	32	32	N	3	S	4	Jersey ...	29.58	35	33	NW	8	bc
Aberdeen ...	29.22	32	30	NW	3	0	3	Hurst Castle ...	29.47	35	33	W	4	6
Shields ...	29.20	32	32	NW	1	0	3	Dungeness ...	29.45	32	30	NW	2	bc
Ardrossan ...	29.26	38	35	NW	1	0	1	North Foreland ...	29.42	31	31	W	4	6
Malin Head ...	29.32	37	36	N	5	bc	3	London ...	29.42	33	32	W	2	bc
Mullaghmore ...	29.35	42	38	NW	6	bc	4	Yarmouth ...	29.37	31	31	W	4	bc
Belmullet ...	29.43	41	40	N	5	0 q p	4	Rochefort ...	29.60	32	29	N	5	6
Holyhead ...	29.26	39	36	NW	5	0 q	5							

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

Weather in morning fine and bright over the extreme north of Europe and over Algeria and southern Russia; temporarily clear over several parts of our Islands, but in a very changeable condition as a whole. Snow falling in many parts of the United Kingdom, northwestern and western Europe, hail at Valencia Island. Snow experienced in all parts of our Islands later and at many of the Continental stations, the largest amounts (0.3 in. to 0.4 in.) being reported from our southwestern stations and Brittany.

Temperature fallen rapidly over England, morning readings very low over nearly the whole of Europe. Highest values 50° and more confined to the southern and western shores of the Mediterranean and the southwestern part of the Spanish Peninsula. Readings all above 40° at the other Mediterranean stations, but below 40° all over our Islands and France, below 20° in many places; below zero fast over Russia and northern Europe, and as low as -19° F. at Kuopio, -1° at Warsaw, +2° at Loughborough (Leisakrovia), 16° at Cambridge, 17° at Oxford and at Berlin, 19° at Paris, 22° in London. Daily maxima 30° to 33° over the major part of Great Britain, but exceeding 40° on our west and southwest coasts, and exceeding 50° in the south and southwest of France.

Wind variable - mainly E³ in the far north, N² (NW to NE) over the United Kingdom and France; SW¹ over the Mediterranean S³ over Germany and Poland. Changing fitfully over our Islands during day, but becoming more generally N² on our northern and western coasts.

Barometer highest 29.8 in. and more off the west of Portugal, and over Algeria, 29.7 in. and more over southern Russia, 29.5 in. and more over Lapland. Lowest 29.1 in. and less in a depression over Sweden, and in another over South Germany, 29.2 in. and less, near Lyons, 29.3 in. and less, over Central Russia and also over the North Sea. Distribution very complex and depression moving from northward. Barometer falling throughout our Islands during day, but gradient not becoming steep.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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DAILY WEATHER REPORT

for Friday, 19th February, 1892.

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

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YESTERDAY EVENING.										8 A.M. TO DAY.										PAST 24 HOURS			
STATIONS.	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 Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).			Max.	Min.							
	Inch.	°				Inch.	"	"	"	"	"	"			"	"	"						
SCANDINAVIA.																							
Haparanda ...	29.56	-10	S	2	b	29.71	+ .51	-9	-9	- 9	E	4	S	#	b	5	-11	-					
Hernösand ...	29.56	-7	Z	0	b	29.71	+ .82	-10	-10	- 9	Z	0	b	#	b	9	?	-					
Stockholm ...	29.38	24	E	2	s	29.51	+ .24	20	19	+ 16	NE	2	S	#	S	25	-6	0.08					
Wisby ...	29.36	20	SE	4	b	29.41	+ .16	23	22	+ 1	E	4	S	#	b	28	16	0.04					
Bodö ...	29.41	15	ENE	2	c	29.51	+ .12	16	?	+ 9	ENE	2	0	1	c	16	3	-					
Christiansund...	29.42	15	ESE	4	bc	29.56	+ .19	13	12	+ 2	ESE	3	b	3	bc	16	?	-					
Skudesnaes ...	29.29	15	E	2	b	29.38	+ .19	21	20	+ 7	E	4	S	2	b	21	14	-					
Christiania Fjord (Færder)	29.25	12	NNE	8	S	29.41	+ .18	15	15	+ 7	NNE	8	S	2	S	15	8	-					
Skagen (The Scaw)	29.16	27	SSE	4	c	29.27	+ .21	24	24	+ 6	E	5	S	3	c	27	16	-					
Fanö ...	29.10	23	S	4	S	29.31	+ .30	23	21	- 5	W	5	b	#	S	30	19	-					
BRITISH ISLANDS.																							
Sumburgh Head	29.24	29	WNW	2	c	29.38	+ .09	28	28	0	NNE	8	S	4	c	30	23	0.04					
Stornoway ...	29.38	26	NW	3	S	29.46	+ .08	28	28	0	E	4	c	4	S	29	12	0.15					
Wick ...	29.33	21	NW	2	b	29.39	+ .11	28	27	0	N	2	0	2	bc	35	19	0.06					
Nairn ...	29.36	24	Z	0	bc	29.40	+ .09	25	25	- 2	Z	0	0	2	bc	30	17	0.13					
Aberdeen ...	29.37	22	NW	2	bc	29.42	+ .12	23	22	- 1	WNW	2	bc	3	sp bc	29	18	0.05					
Leith ...	29.38	29	N	2	b	29.43	+ .12	21	21	- 6	N	2	m	#	b	37	17	-					
Shields ...	29.31	25	W	2	c	29.43	+ .22	14	14	- 16	WNW	2	m	3	sp c	33	12	0.07					
Spurn Head ...	29.29	28	WNW	4	b	29.40	+ .29	31	30	- 1	ENE	3	0	4	sp b	33	24	-					
York ...	29.31	25	N	1	b	29.44	+ .24	11	11	- 15	N	1	b	#	b	31	7	0.01					
Loughborough	29.31	18	NW	1	b	29.39	+ .24	11	11	- 17	NE	2	om	#	b	37	4	-					
GERMANY & HOLLAND.																							
Ardrossan ...	29.37	30	ENE	2	b	29.46	+ .13	20	20	- 8	ENE	1	bf	1	b	36	16	-					
Malin Head ...	29.35	33	ESE	3	bc	29.43	+ .08	26	25	- 7	SSE	3	b	2	b bc	35	25	-					
Mullaghmore ...	29.34	33	E	4	b	29.42	+ .08	28	26	- 3	ENE	5	b	3	b	36	26	-					
Belmullet ...	29.32	34	ESE	2	b	29.40	+ .07	28	28	- 5	E	2	b	#	b	37	28	0.04					
Donaghadee ...	29.38	34	NE	4	b	29.45	+ .11	30	30	- 2	ENE	5	b	4	b	35	29	-					
FRANCE AND BELGIUM.																							
Liverpool (Bidston)	29.35	27	NNE	1	b	29.40	+ .13	26	25	- 2	ENE	2	om	3	b	31	21	-					
Holyhead ...	29.34	31	ENE	2	b	29.36	+ .08	28	28	- 5	E	4	om	4	bc b	36	27	-					
Parsonstown ...	29.31	32	Z	0	b	29.32	+ .11	27	26	- 3	NE	1	b	#	b	38	24	-					
Valencia ...	29.31	38	NE	2	bc	29.19	- .06	31	29	- 6	NE	6	c m	6	bc	42	30	-					
Roche's Point	29.22	35	E	5	bc sp	29.16	- .09	32	31	- 2	ENE	8	0	5	sp bc	39	31	0.05					
PENINSULA.																							
Pembroke (St. Ann's Hd.)	29.26	33	ENE	4	c	29.16	- .08	27	26	- 5	E	7	sq	4	c	37	25	0.03					
Scilly ...	29.08	39	ENE	4	r																		
Prawle Point ...																							
Jersey (St. Aubin's)	29.25	39	E	3	bc																		
Hurst Castle ...	29.29	35	E	4	bcm	29.22	+ .02	32	32	+ 4	E	6	S	1	bcm	37	27	0.02					
Dungeness ...	29.29	33	NE	3	bc	29.32	+ .21	32	31	+ 7	ESE	5	c	4	bc	45	24	-					
North Foreland	29.29	31	N	3	b	29.35	+ .29	32	32	+ 3	ESE	6	oq	5	b	34	28	-					
London ...	29.32	31	NE	1	bc	29.34	+ .19	28	27	+ 3	E	1	os	#	cm bm	36	22	-					
Oxford ...	29.36	25	E	1	b	29.36	+ .15	25	24	+ 2	NE	2	S	#	b	36	19	-					
Cambridge ...	29.32	25	N	1	b	29.39	+ .27	22	22	- 8	NE	1	0	#	b	37	12	-					
Yarmouth ...	29.28	31	NNE	4	bc	29.39	+ .43	31	30	0	E	3	bc	4	bc	33	19	-					
GERMANY & HOLLAND.																							
Cuxhaven ...	29.14	?	S	3	S	29.42	+ .19	25	23	+ 2	WSW	4	c	#	S	26	23	-					
Berlin ...	29.22	23	S	3	0	29.38	- .00	22	21	+ 7	N	3	b	#	0	27	15	-					
Wiesbaden ...	#	#	#	#	#	29.50	+ .10	24	22	+ 15	N	3	c	#	?	30	?	0.16					
Munich ...	29.39	27	NW	3	b	29.46	+ .01	14	13	+ 1	E	3	bc	#	b	28	12	-					
The Helder ...	29.27	30	WNW	3	b	29.49	+ .47	22	22	- 2	S	1	c	1	b	30	22	0.04					
FRANCE AND BELGIUM.																							
Brussels (9 a.m.)	#	#	#	#	#	29.43	+ .38	21	19	- 4	ENE	3	c	#	b	32	18	-					
Cape Gris Nez	?	30	NNE	1	b	?	?	25	?	- 4	E	4	c	4	b	29	21	-					
Paris ...	29.34	30	N	1	0	29.28	+ .06	30	28	+ 1	E	3	0	#	0	?	24	0.04					
Brest ...	?	43	SSE	4	0	?	?	44	40	+ 4	S	5	0	5	0	46	39	0.51					
Lorient ...	29.15	42	Z	0	0	29.02	- .24	39	37	- 4	SE	1	0	3	0	45	37	0.28					
FRANCE AND BELGIUM.																							
Rochefort ...	29.32	42	S	5	c	29.18	- .27	35	33	- 9	SE	5	0	#	c	46	32	-					
Belfort ...	?	29	W	2	S	?	?	26	22	+ 10	E	2	S	#	S	28	10	0.12					
Lyons ...	29.43	32	SE	1	b	29.32	- .32	28	28	+ 10	WNW	1	S	#	bs	39	18	0.20					
Nice ...	29.52	41	Z	0	c	29.48	+ .17	36	36	+ 3	E	4	T	3	c	48	32	0.35					
Perpignan ...	29.36	45	S	2	0	29.25	- .40	37	36	+ 11	ESE	1	0	#	0	45	32	-					
Biarritz ...	29.25	41	ESE	2	T	29.12	- .42	37	37	+ 1	SE	3	0	2	T	46	32	0.12					
PENINSULA.																							
Corunna ...	#	#	#	#	#																		
Lisbon ...	29.32	60	WSW	5	c	28.93	- .43	53	52	- 2	W	5	T	#	c	60	48	0.84					

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Friday, 19th February, 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

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

their barbs and feathers refer to forces thus—

— forces above 10; — forces 8 to 10;

— forces 5 to 7; — forces 1 to 4.

○ = dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

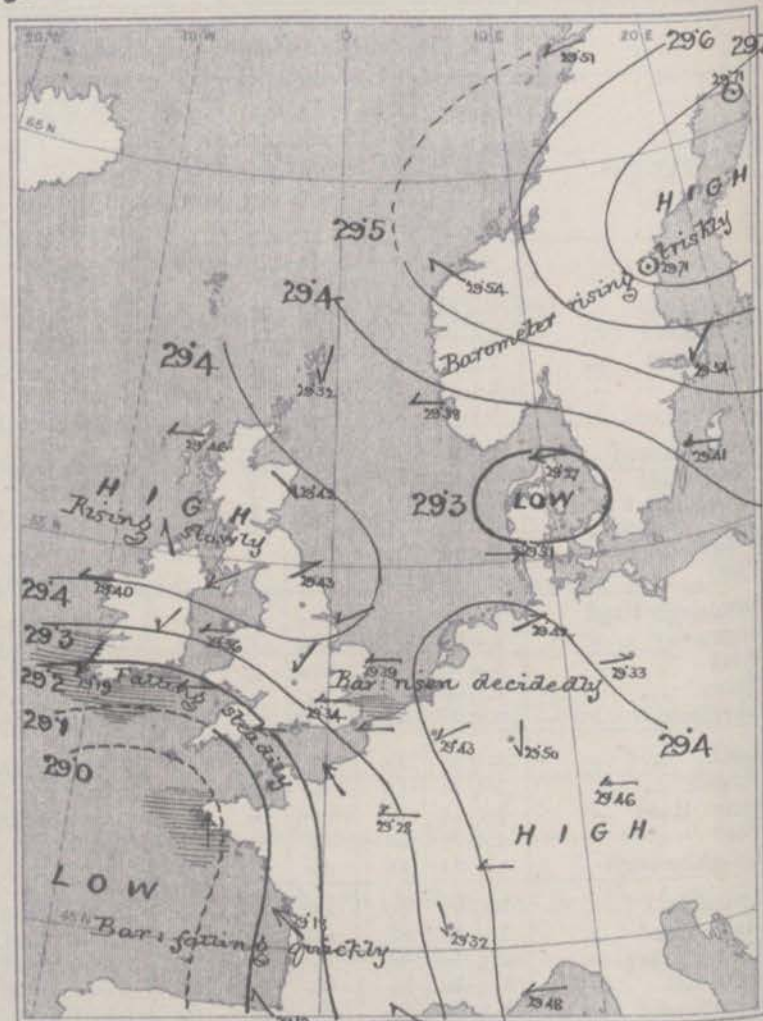
— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.776
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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 February.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	38.5	37.4	3.19
Stornoway.....	43.5	34.6	39.1	38.1	3.86
Wick.....	43.1	33.2	38.1	36.7	2.04
Nairn.....	43.4	33.4	37.1	35.4	1.43
Aberdeen.....	43.2	33.8	37.3	35.7	2.35
Leith.....	45.7	34.3	38.6	37.1	1.45
Shields.....	43.8	35.1	38.6	37.3	1.50
Spurn Head.....	42.3	35.9	38.4	37.6	1.36
York.....	44.6	33.9	37.5	36.4	1.70
Loughborough.....	45.3	33.9	37.5	36.4	1.78
Ardrossan.....	44.6	36.3	39.4	38.2	3.04
Mullaghmore.....	46.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool.....	44.5	39.2	38.9	37.3	1.69
Parsonstown.....	46.9	35.6	39.4	38.1	2.20
Valencia.....	49.7	40.7	44.6	42.9	4.95
Roche's Point.....	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly.....	48.9	42.8	46.0	44.4	2.71
Prawle Point.....	46.8	38.1	41.5	40.5	2.02
Jersey.....	46.9	39.3	42.3	41.0	2.55
Hurst Castle.....	45.7	36.7	40.3	39.3	2.25
Dover.....	44.4	36.1	39.2	38.1	1.95
LONDON.....	45.8	35.1	38.6	37.4	1.73
Oxford.....	45.0	34.9	37.9	36.8	1.92
Cambridge.....	45.5	32.8	37.3	36.2	1.46
Yarmouth.....	42.6	34.5	38.2	37.3	1.82

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, 29.7 in. and upwards, over the northern part of Sweden.
 Lowest, 29.0 in. in a large and complex depression lying over Portugal, the Bay of Biscay, and our extreme southwest coast.
 Gradients rather steep over the southwest of our Islands, but slight elsewhere.
 Barometer falling in Spain, France, and the southwestern part of the United Kingdom, but rising elsewhere.

TEMPERATURE

Highest, 53° at Lisbon, 44° at Rheims, 39° at Lorient, 37° at Brest, 36° at Nice, and 35° at Rochefort.
 Lowest (1) -10° Fahr. at Helsingfors, -9° at Haparanda, +13° at Christiansund, and 15° at Finsbo; (2) 11° at York and Loughborough and Hatfield.
 During last night the sheltered thermometer fell to 4° at Loughborough, to 7° at York and 12° at Cambridge.

WIND

E² over the greater part of Ireland and England, very strong in force on our southwest coasts, with a gale at Rocher Point.
 Moderate to fresh from the SE² in France, W² at Lisbon.
 Light from the N² or NW² in the east of Scotland; E² over the greater part of Scandinavia.

WEATHER

Cloudy or overcast in most parts of Western Europe, with snow at several of the southern stations, as well as our Central France and the southern part of Scandinavia.
 Fine over the northern and central parts of Ireland, and also in Germany.
 Snowshowers fell yesterday at several of our northern and eastern stations and large quantities of rain or snow in the west of France.
 A solar halo was seen at Jersey yesterday, and a lunar halo this morning at Spurn Head.

SEA

Rough on our south west coasts and rather rough at North Foreland, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The complex low pressure system which lies to the southwest of our Islands is increasing in intensity, and seems likely to occasion easterly gales and snowstorms in most of our southern districts. Communication with the Channel Islands and the southwest of England is interrupted owing to heavy falls of snow.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	} NW ² and N ² winds, light; changeable; some snow showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	NE ² winds, light or moderate; fair to unsettled and some snow.
3	ENGLAND EAST	Same as N°5
4	MIDLAND COUNTIES	Same as N°2.
5	ENGLAND SOUTH	E ² winds, increasing to a gale; squally, unsettled, some snow.

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as N°2
7	ENGLAND N.W.	E ² and NE ² winds, freshening considerably; unsettled, some snow.
8	ENGLAND S.W.	E ² gales and strong winds; squally, some snow.
9	IRELAND NORTH	Same as N°7
10	IRELAND SOUTH	Same as N°8.
WARNINGS		At 10.30 a.m. to districts 3.5.8. and 10 "Hoist North Cone".

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

YESTERDAY'S 2 P.M. REPORTS.

BAR.								THER.		WIND.		F.		WEA.		SEA.	
		Dry.	Wet.	Direc.				Dry.	Wet.	Direc.							
Skudesnaes ...	29.22	19	15	ENE	4	b	2	Valencia ...	29.23	40	36	NE	5	bc	4		
Samburgh Head ...	29.30	24	27	NE	1	bc	4	Scilly ...	29.15	42	39	E	3	e	3		
Stornoway ...	29.36	28	28	N	4	s	4	Jersey ...	29.25	42	38	ESE	3	cm	2		
Aberdeen ...	29.31	28	26	NE	3	bc	5	Hurst Castle ...	29.26	36	33	ENE	3	b	2		
Shields ...	29.26	28	28	NE	3	sp	4	Dungeness ...	29.22	35	34	ENE	3	bc	5		
Ardrossan ...	29.33	35	34	N	1	b	1	North Foreland ...	29.22	33	32	N	5	b	5		
Malin Head ...	29.34	34	33	E	2	b	2	London ...	29.24	34	33	N	2	bc	5		
Mullaghmore ...	29.33	36	32	E	4	b	2	Yarmouth ...	29.18	33	32	N	5	bc	5		
Belmullet ...	29.33	37	34	E	2	b	4	Rocheport ...	29.38	46	44	SW	5	e	5		
Holyhead ...	29.31	34	31	ENE	3	bc	3										

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

Weather in morning fine and bright over the west of Norway, many parts of the British Islands and the south of France, and at several of the Baltic stations, but not at all settled anywhere. Snow and hail showers reported in many places both over western and eastern Europe, and cold rain at Madrid. Considerable falls of snow and sleet in the western parts of France later, and slight falls in the west and north of our Islands.

Temperature much less low over England, Ireland, and southeastern Europe than on the 17th, but much lower in the southern parts of France, still very low over Europe generally. Morning readings still exceeding 50° on the southern shores of the Mediterranean and at Lisbon, but below the freezing point over most inland districts, and as low as (1) -13° at Moscow and Kuopio, -2° at Uleaborg and Monch, (2) 9° at Wiesbaden, 13° at Munich, 14° at Warsaw, 15° at Berlin, 16° at Belfort, 22° at Perpignan, 29° at Paris; (3) 23° at Oxford, 24° at Aberdeen, 25° at London, 26° at York, 30° at Carronstown. Remaining below 40° over the United Kingdom (except at Valentia Island) all day, and below 30° over Germany and many parts of Scotland; not touching 50° even in the southwest and south of France.

Wind extremely variable (1) E³ to N³ and NW³ over the British Islands, S³ over the Netherlands, E³ over Norway, (2) mainly S³ over Russia, variable over Central Europe; W³ strong to a gale over the Mediterranean, S³ over the Adriatic. Another cyclonic circulation over Portugal. Shifting to the E³ on our southern coast, the Channel, and north of France later, and changing very fitfully elsewhere.

Barometer highest (1) 30.0 ins: and more to 29.6 ins: over Central Russia; (2) 29.7 ins: and more over Algeria and the East of Spain; (3) exceeding 29.3 ins: (a) over the northwest of our Islands, (b) the northern half of Scandinavia, and (c) North Germany. Lowest, below 29.1 ins: in a complete depression over the North Sea 28.96 ins: at Yarmouth, below 29.2 ins: in another similar system over Hungary and Austria (28.03 ins: at Lemberg); below 29.2 ins: over Lapland, and below 29.4 ins: over Portugal. Depressions moving irregularly later, and a new one, off our southwest coast growing deeper.

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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Saturday, 20th February, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																			
STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
	Barom.	Temp.	Wind.		Weather.	Barometrical.		Shade Temp.			Wind.		Force.	Weather.	Sea.	Shade Temp.		Amount of Rainfall.	
Reading at 32° F. and Sea Level.	Dry Bulb.	Dirco.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirco.	Force (0 to 12).	Weather.	Sea (0 to 9).	Weather.	Max.	Min.	Inch.			
Inch.	°				Inch.														
SCANDINAVIA.	Haparanda ...	29.78	2	Z	0	0	30.15	+4.4	-9	-9	0	SW	2	c	#	0	1	-11	-
	Hernösand ...	29.90	3	Z	0	0	30.21	+5.0	-7	-7	+3	Z	0	b	#	0	3	-11	-
	Stockholm ...	29.72	14	NE	4	S	30.13	+6.2	2	2	-18	Z	0	b	#	5	25	10	0.04
	Wisby ...	29.71	27	ESE	6	S	30.08	+6.7	19	18	-4	ESE	4	b	#	5	28	18	-
	Bodo ...	29.67	16	ESE	2	b	29.88	+3.7	15	14	-1	ESE	2	b	1	6	18	10	-
SCANDINAVIA.	Christiansund...	29.66	27	SSW	2	b	29.85	+3.2	24	23	+11	ESE	3	b	3	6	?	13	-
	Skudesnaes ...	29.67	25	ESE	2	b	29.81	+4.3	28	24	+7	E	6	0	3	56	?	21	-
	Christiania Fjord (Fjorder)	29.73	21	NNE	3	0	30.00	+5.9	17	16	+2	NNE	5	0	2	0	21	215	-
	Skagen (The Seaw)	29.79	26	SE	1	b	29.91	+6.4	26	25	+2	E	5	0	3	6	27	21	0.08
	Fanö ...	29.69	21	SW	2	b	29.49	+1.8	27	27	+4	NE	8	S	#	6	62	18	0.20
BRITISH ISLANDS.	Sumburgh Head	29.56	27	NE	3	0	29.70	+3.2	32	30	+4	ESE	3	c	4	CO	32	24	0.02
	Stornoway ...	29.50	29	SE	3	S	29.64	+1.8	25	25	-3	NE	4	S	4	CS	32	12	0.05
	Wick ...	29.51	28	E	3	0	29.57	+1.8	22	21	-6	W	1	c	3	0	36	20	0.20
	Nairn ...	29.49	24	Z	0	c	29.61	+2.1	16	16	-9	Z	0	b	1	SC	33	6	0.18
	Aberdeen ...	29.51	25	W	1	b	29.63	+2.1	17	16	-6	NW	3	b	3	bc b	34	16	-
BRITISH ISLANDS.	Leith ...	29.50	29	NE	1	b	29.54	+1.1	31	31	+10	ESE	2	c	#	6	35	18	-
	Shields ...	29.49	26	NW	2	m	29.43	00	36	32	+22	ESE	5	0	6	m	36	14	-
	Spurn Head ...	29.39	35	E	4	0	29.31	-0.9	31	31	0	NE	6	S	5	0	35	30	0.01
	York ...	29.43	30	ESE	1	0	29.40	-0.4	32	32	+21	NNE	1	S	#	0	33	10	0.01
	Loughborough	29.32	31	ESE	4	0	29.30	-0.9	31	30	+20	NE	5	S	#	0	32	11	0.04
BRITISH ISLANDS.	Ardrossan ...	29.48	28	ESE	1	of	29.50	+0.4	27	26	+7	ESE	3	om	2	bfo	35	19	-
	Malin Head ...	29.43	33	NE	1	og	29.46	+0.3	32	30	+6	E	6	bc	3	bo g	36	26	-
	Mullaghmore ...	29.40	33	NE	5	op	29.36	-0.6	33	33	+5	NE	7	og	6	cm	34	28	-
	Belmullet ...	29.40	33	ESE	4	b	29.32	-0.8	34	34	+6	ESE	7	og	#	b	37	28	-
	Donaghadee ...	29.44	23	NE	6	c	29.42	-0.3	34	34	+4	E	8	c	6	c	34	29	-
BRITISH ISLANDS.	Liverpool (Bidston)	29.35	31	ESE	6	0	29.36	-0.4	32	31	+6	ESE	3	0	3	0	36	26	-
	Holyhead ...	29.29	31	E	6	sgm	29.30	-0.6	34	32	+6	E	6	ogmg	3	ogms	34	28	0.01
	Parsonstown ...	29.27	27	NE	2	S	29.21	-1.1	31	31	+4	NE	2	S	#	33	26	-	
	Valencia ...	29.14	32	NNE	8	sg	29.68	-3.1	32	32	+1	NE	9	sqh	7	gcmS	35	28	0.02
	Roche's Point																		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.03	32	E	6	0	29.15	-0.1	33	32	+6	E	6	og	5	osp	34	26	0.02
	Scilly ...																		
	Prawle Point ...	29.02	39	SE	6	0	29.20	+1.7	38	38	-3	WNW	4	f	3	op	42	37	0.05
	Jersey (St. Aubin's)	29.05	40	E	4	0	29.24	+1.1	43	41	+4	SSE	3	bcm	3	op	43	37	0.05
	Hurst Castle ...	29.14	35	E	7	gm	29.28	+0.6	34	33	+2	E	4	ogm	3	sgm	36	32	0.18
BRITISH ISLANDS.	Dungeness ...	29.20	35	E	6	0	29.30	-0.2	29	29	-3	N	2	c	3	csp	35	22	0.03
	North Foreland	29.22	34	ESE	7	0	29.30	-0.5	32	32	0	W	3	og	2	qos	35	30	0.05
	London ...	29.24	33	E	5	bo	29.30	-0.4	31	30	+3	E	1	ogm	#	ogms	34	28	0.06
	Oxford ...	29.25	29	NE	3	c	29.32	-0.4	29	28	+4	NE	2	0	#	osp c	31	25	-
	Cambridge ...	29.33	30	NE	1	0	29.30	-0.9	28	28	+6	N	1	b	#	0	34	21	0.03
BRITISH ISLANDS.	Yarmouth ...	29.34	32	ESE	8	cgg	29.25	-1.4	32	31	+1	NW	3	cm	5	cgy	33	28	0.12
	Cuxhaven ...	29.67	30	SSW	1	c	29.41	-0.1	29	28	+4	SE	8	S	#	c	30	25	-
	Berlin ...	29.74	28	SE	4	b	29.52	+1.4	32	30	+10	SE	4	e	#	b	32	22	-
	Wiesbaden ...	#	#	#	#	#	29.39	-1.1	35	34	+11	NE	1	S	#	#	36	24	0.16
	Munich ...	29.44	25	SE	2	b	29.46	00	37	35	+23	SSE	2	bc	#	b	37	14	-
BRITISH ISLANDS.	The Helder ...	29.47	30	E	5	S	29.15	+3.4	31	31	+9	E	1	f	2	S	31	21	0.28
	Brussels (9 a.m.)	#	#	#	#	#	29.34	-0.9	30	29	+9	SW	5	0	#	3	33	21	0.24
	Cape Gris Nez	29.20	30	E	4	0	29.24	?	34	33	+9	WNW	3	c	4	0	?	25	-
	Paris ...	29.15	36	E	1	0	29.40	+1.2	34	33	+4	S	3	0	#	0	41	30	0.24
	Brest ...	?	46	SE	5	0	?	?	44	41	0	W	3	c	4	0	48	41	0.20
FRANCE AND BELGIUM.	Lorient ...	28.97	42	SSE	2	0	29.25	+2.3	47	41	+8	WSW	4	c	4	0	?	37	0.16
	Rochefort ...	29.02	49	SSE	3	r	29.44	+2.6	45	42	+10	WSW	3	bc	#	07	46	35	0.51
	Belfort ...	?	30	E	2	bc	?	?	37	32	+11	W	2	r	#	bo	38	26	0.08
	Lyons ...	29.16	46	SW	1	r	29.57	+2.5	42	40	+14	N	1	r	#	r	50	28	0.47
	Nice ...	29.57	45	NE	2	r	29.62	+1.4	50	47	+14	SE	4	r	4	r	60	36	0.75
FRANCE AND BELGIUM.	Perpignan ...	29.11	57	S	3	0	29.60	+3.5	44	41	+7	SW	1	0	#	0	65	37	-
	Biarritz ...	28.99	49	NW	8	r	29.46	+3.4	46	40	+9	SSW	3	b	3	r	57	37	0.32
	Corunna ...	#	#	#	#	#													
	Lisbon ...	29.47	52	WSW	5	b	29.52	+5.9	51	51	+1	SW	5	c	#	b	55	50	0.38

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Saturday, 20th February, 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:

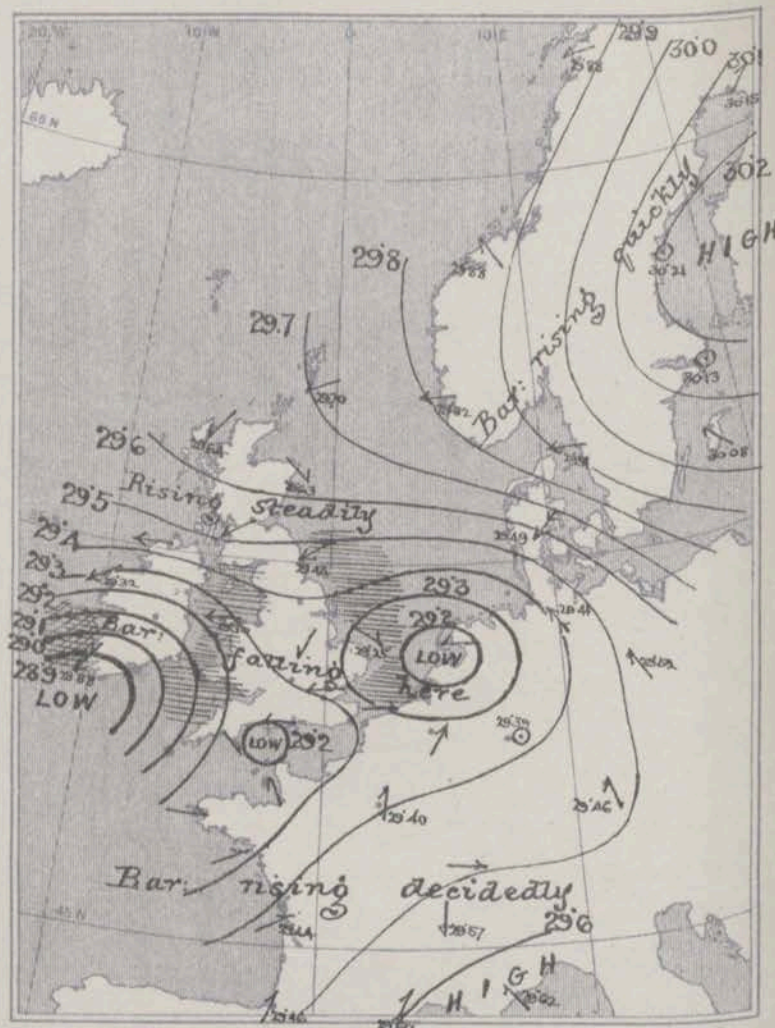
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

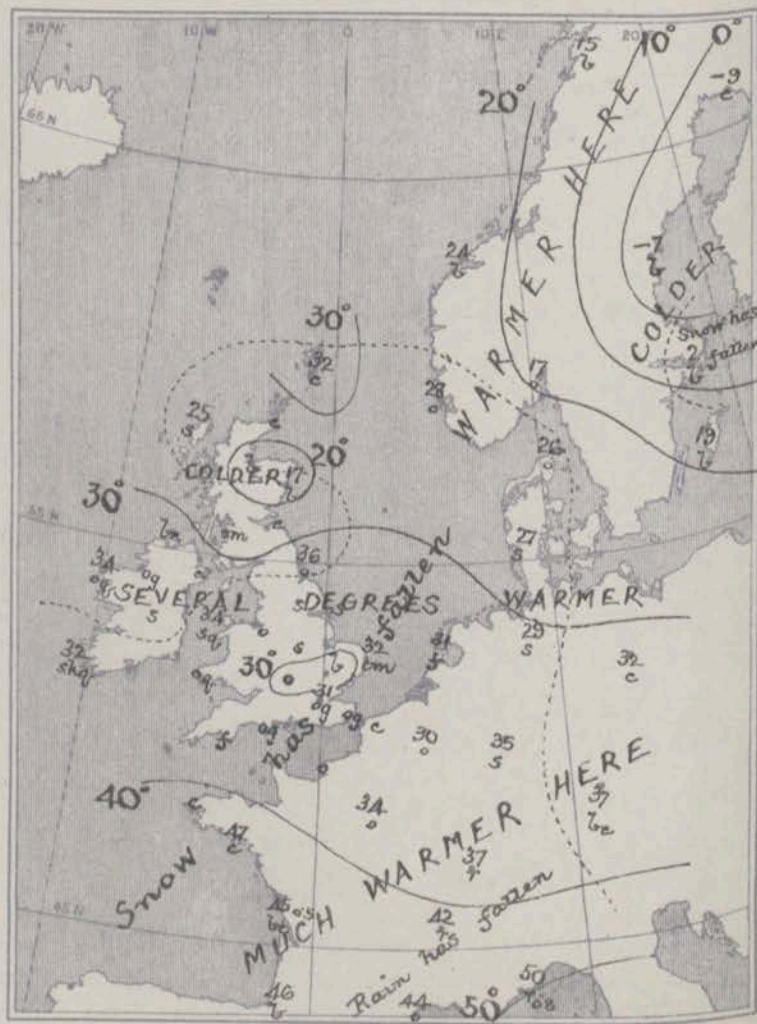
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	38.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head.....	42.3	35.9	38.4	37.5	1.36
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	36.3	39.4	38.2	3.04
Mullaghmore	46.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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, 30ⁱⁿ and upwards, over Central Sweden; 29ⁱⁿ and upwards over the extreme south of France.
 Lowest, 28ⁱⁿ and less, in a depression lying off the south of Ireland; 28ⁱⁿ and less, in another system lying over Holland.
 Gradients steep over and to the southward of Ireland, as well as over Denmark and the southern parts of the North Sea, but slight elsewhere.
 Barometer falling in Ireland and also in Denmark, North Germany, and the Netherlands, but rising elsewhere.

TEMPERATURE

Highest, 50° at Kire, 47° at Lorient, 46° at Barmatz, 45° at Rochefort, and 44° at Brest and Lorient.
 Lowest, -9° at Hafnarfjörður, -7° at Hovisand, +2° at Stockholm, 15° at Rode, 16° at Nain, and 17° at Farsø and Aberdeen.
 Over the northern and central parts of England the thermometer has risen about 20°, but in Scotland it has fallen.

WIND

E^{ly} or NE^{ly} over the greater part of our Islands and also on the eastern shores of the North Sea, but NW^{ly} in the extreme southeast of England; strong to a gale in force in Ireland and also in Denmark.
 Light or moderate from the S^W or SW^{ly} in France and from the SE^{ly} in Germany.

WEATHER

Fine in the east of Scotland and also the coast of Norway, as well as in the west of France.
 Cloudy or overcast elsewhere, with snow in many parts of England, Ireland, Denmark and Germany, and with rain in the west and south of France.
 Since yesterday snow has fallen in the east, south, and extreme north of our Islands generally, and heavy rain in France.

SEA

High at Valencia Island and rough or rather so on most parts of our eastern and western coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the south of Ireland appears to be moving in a northwesterly direction, while the disturbance over Holland is disposed to travel northwards. The conditions are, however, too complex to enable us to forecast with any great precision.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.	
0 SCOTLAND NORTH	E ^{ly} and NE ^{ly} winds, moderate; changeable, some snow showers.	6 SCOTLAND WEST	Same as No 1.	
1 SCOTLAND EAST	E ^{ly} winds, freshening; fair to unsettled and some snow showers.	7 ENGLAND N.W.	E ^{ly} winds, strong; squally, some snow.	
2 ENGLAND N.E.	E ^{ly} and NE ^{ly} winds, strong, perhaps a gale; squally, some snow.	8 ENGLAND S.W.	Same as Nos 3 to 5.	
3 ENGLAND EAST	Wind varying greatly both in direction and force; changeable, some snow showers.	9 IRELAND NORTH	NE ^{ly} to E ^{ly} gales and strong winds; squally some snow.	
4 MIDLAND COUNTIES		10 IRELAND SOUTH		
5 ENGLAND SOUTH		WARNINGS		
		At 7.15 pm yesterday to districts 2, 7, and 9. "Hoist North Cone". The signals are still flying in districts 3, 5, 8 and 10.		

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	Ther. Dry. Wet.	WIND Direc.	P.	WEA.	SEA.		BAR.	Ther. Dry. Wet.	WIND Direc.	P.	WEA.	SEA.
Skudesnes ...	29.52	23 23	N.E.	1	S	2	Valencia ...	29.46	35 32	N.E.	7	S	7
Sumburgh Head ...	29.47	27 26	N.E.	3	C	4	Scilly ...	28.82	43 42	S.E.	7	C	7
Stornoway ...	29.44	31 31	N.E.	3	C	3	Jersey ...						
Aberdeen ...	29.48	31 28	N	1	bc	3	Hurst Castle ...	29.16	35 33	S	7	bc	5
Shields ...	29.45	28 28	N.W.	1	m	3	Dungeness ...	29.24	34 34	E	6	c	6
Ardrossan ...	29.45	35 34	N	1	b	1	North Foreland ...	29.28	35 34	E.S.E.	6	o	6
Malin Head ...	29.44	34 32	E.S.E.	2	b	2	London ...	29.27	34 31	E	4	c	4
Mullaghmore ...	29.44	32 29	N.E.	5	cm	3	Yarmouth ...	29.44	33 31	E.S.E.	6	c	6
Balmullet ...	29.41	35 34	E.N.E.	4	b	4	Rocheport ...	29.04	42 39	S.E.	3	o	3
Holyhead ...	29.34	30 29	E	5	ogm	5							

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

Weather in morning fine and bright over Austria and the northwestern parts of our Islands, but very changeable and unsettled as a whole; snow falling in many places, especially over the southern parts of the British Islands, rain at Sicily, Madrid, Yonon, and Rhinow. Heavy rain in the south of France later, and some more snow in the southwest and south of England and in many parts of Ireland and Scotland.

Temperature rose decidedly over Southern Europe, and also over many parts of Russia (the rise at Moscow amounting to 48°); fallen elsewhere, and very low over northwestern Europe generally. Morning readings 63° at Algiers, 60° at Nismes, 59° at Palermo, 55° at Barcelona, and 53° at Madrid. Frost holding over central and the inland parts of Western Europe; readings reported from individual stations as low as (1) -10° F. at Hemsand, -9° at Haparanda, -4° at Hango, (2) 8° at Racow, 13° at Warsaw, 14° at Munich, (3) 11° at York and Loughborough, 22° at Cambridge, 27° at Llanonstown. Not touching 40° in any part of our Islands (excepting Howland) later, but exceeding 45° in the southwest of France, and rising to 57° at Biscay and 65° at Perpignan.

Wind mainly E over Northern Europe and the British Isles, - light at the northern stations, moderate over the greater part of England, but strong over the southern and southwestern coasts, and blowing a gale in Ireland. Chiefly SW over W over Germany, S over Spain, extremely variable elsewhere. Small cyclonic circulations in several localities. Increasing to a gale from E. over the southeast of England later, but veering to the SW at Selly.

Barometer highest 30.0 in. and more over the southeast of Russia, and exceeding 29.8 in. over southeastern Europe generally, as well as over northern Russia and Finland; exceeding 29.4 in. over the northwest and north of our Islands. Lowest, 28.9 in. and less, in a depression at the mouth of the Channel, 29.0 in. and less, in another over Portugal; 29.3 in. and less in another over Denmark. Numerous local irregularities found over Germany, France and the Mediterranean. Rising over northern Europe later, changing irregularly elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

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DAILY WEATHER REPORT

for Sunday 21st FEBRUARY, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																		
		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS	
STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETR.		SHADE TEMP.			WIND.		Sea (10 to 9).	SHADE TEMP.			Amount of Rainfall.
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (10 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (10 to 12).		Max.	Min.		
		Inch.	°				Inch.	°	°	°					°	°	Inch.	
SCANDINAVIA.	Haparanda ...	30.57	-4	S	2	b	30.26	+ .11	9	9	+ 18	NE	4	5	bc	1	-13	—
	Hernösand ...	30.30	14	Z	0	c	29.99	— .22	17	17	+ 24	N	2	5	c	7	-8	0.02
	Stockholm ...	29.91	24	E	6	0	30.01	— .12	32	33	+ 22	W	4	0	0	7	8	0.04
	Wisby ...	29.82	35	SE	4	0	30.05	— .03	32	31	+ 13	SSW	4	0	0	36	14	—
	Bodo ...	30.08	27	ENE	2	b	29.98	+ .10	24	19	+ 6	ENE	6	0	3	21	14	—
SCANDINAVIA.	Christiansund...	29.92	25	ESE	3	bc	29.82	— .06	28	26	+ 4	SW	3	0	3	28	23	—
	Skudesnaes ...	29.75	26	NNE	6	3	29.91	+ .10	24	23	— 4	ENE	2	bc	2	29	19	—
	Christiania Fjord (Fjorder)	29.77	23	NNE	8	0	29.93	— .07	24	23	+ 7	NNE	5	0	0	7	7	—
	Skagen (The Scaw)	29.63	32	ESE	4	0	29.92	+ .01	31	30	+ 5	SW	2	0	1	32	21	0.04
	Fanö ...	29.65	33	SW	4	0	29.89	+ .40	22	22	+ 5	S	2	0	0	34	27	0.32
BRITISH ISLANDS.	Sumburgh Head	29.77	33	E	4	0	29.88	+ .18	31	30	— 1	NE	1	0	3	34	27	0.01
	Stornoway ...	29.69	25	E	4	b	29.71	+ .07	30	30	+ 5	E	7	0	6	32	20	0.04
	Wick ...	29.66	30	E	4	0	29.75	+ .18	35	34	+ 13	E	5	0	4	35	16	—
	Nairn ...	29.68	25	Z	0	S	29.69	+ .08	32	32	+ 16	E	2	0	1	32	11	0.04
	Aberdeen ...	29.67	33	E	5	cq	29.73	+ .10	35	33	+ 18	E	8	ohp	7	35	17	0.11
BRITISH ISLANDS.	Leith ...	29.62	33	ENE	2	0	29.55	+ .01	34	33	+ 3	ENE	7	0	6	36	29	0.07
	Shields ...	29.56	35	NE	4	csp	29.45	+ .02	39	38	+ 3	E	7	0	6	39	29	0.18
	Spurn Head ...	29.53	35	ENE	3	c	29.42	+ .11	39	38	+ 8	SE	5	0	7	39	31	0.20
	York ...	29.54	32	E	1	b	29.42	+ .02	38	38	+ 6	N	2	0	6	38	27	0.38
	Loughborough	29.47	32	E	2	c	29.36	+ .06	37	37	+ 6	SE	2	0	6	38	31	0.08
BRITISH ISLANDS.	Ardrossan ...	29.56	32	NE	3	bc	29.45	— .05	38	32	+ 6	NE	6	0	4	34	26	0.02
	Malin Head ...	29.46	35	ESE	6	ogrsp	29.23	— .23	34	34	+ 2	SE	10	0	4	36	32	0.07
	Mullaghmore ...	29.38	35	NE	8	og	29.15	— .21	36	35	+ 3	E	7	0	5	36	32	0.06
	Belmullet ...	29.23	33	ENE	8	ogsp	29.00	— .22	35	35	+ 1	ENE	7	0	6	36	31	0.31
	Donaghadee ...	29.47	37	E	7	bc	29.31	— .11	37	37	+ 3	E	9	0	7	37	34	0.22
BRITISH ISLANDS.	Liverpool (Bidston)	29.46	34	E	3	0	29.31	— .05	37	37	+ 5	ENE	5	0	3	38	32	0.15
	Holyhead ...	29.37	35	E	5	og	29.24	— .06	36	37	+ 4	ESE	2	0	2	40	32	0.02
	Parsonstown ...	29.44	34	NE	1	0	29.07	— .14	36	35	+ 5	Z	0	0	6	38	38	0.75
	Valencia ...	29.02	39	NE	5	ogm	28.84	+ .01	40	38	+ 8	ENE	6	omgp	6	41	30	0.21
	Roche's Point	29.04	41	ESE	7	r	28.91	— .10	44	42	+ 6	SE	5	0	5	45	36	1.20
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.16	33	E	6	0	29.16	+ .01	43	40	+ 10	SE	5	0	5	43	33	0.26
	Scilly ...	28.88	45	SE	7	r	29.06	— .00	45	44	+ 3	SSW	6	0	6	47	39	0.70
	Prawle Point ...	29.21	46	E	6	0	29.30	+ .10	45	41	+ 7	S	6	bc	5	48	37	0.04
	Jersey (St. Aubin's)	29.29	46	ESE	5	cq	29.37	+ .13	45	44	+ 2	SE	5	ogm	4	49	41	0.10
	Hurst Castle ...	29.37	41	ESE	3	c	29.36	+ .08	45	43	+ 11	SSW	5	0	4	46	34	0.17
BRITISH ISLANDS.	Dungeness ...	29.49	41	SSW	4	c	29.46	+ .16	44	43	+ 15	S	6	0	5	45	28	0.14
	North Foreland	29.50	39	S	4	og	29.47	+ .17	41	41	+ 9	S	4	0	4	41	31	0.08
	London ...	29.50	36	SE	1	omv	29.42	+ .12	43	41	+ 12	S	2	0	6	42	31	0.28
	Oxford ...	29.45	35	SE	2	0	29.38	+ .06	41	40	+ 12	SSE	2	0	6	42	29	0.13
	Cambridge ...	29.52	32	NE	1	0	29.44	+ .14	39	38	+ 11	SSE	1	0	6	40	27	0.37
BRITISH ISLANDS.	Yarmouth ...	29.53	35	Z	0	bc	29.50	+ .25	38	37	+ 6	SE	4	cq	5	38	30	0.04
	Cuxhaven ...	29.64	33	SW	3	c	29.89	+ .48	32	30	+ 3	ESE	3	m	6	33	28	—
	Berlin ...	29.82	37	Z	0	b	29.93	+ .11	36	35	+ 3	E	3	0	6	42	32	—
	Wiesbaden ...	#	#	#	#	#	29.87	+ .02	32	24	— 3	Z	0	0	6	41	30	—
	Munich ...	29.79	37	NW	2	b	29.80	+ .01	30	30	— 7	SE	4	0	6	30	28	—
GERMANY & HOLLAND.	The Helder ...	29.68	35	S	2	0	29.69	+ .01	34	33	+ 3	ESE	3	bc	6	37	30	—
	Brussels (9 a.m.)	#	#	#	#	#	29.62	+ .28	41	38	+ 11	SSW	5	0	6	41	30	—
	Cape Gris Nez	29.49	36	SSE	2	b	29.47	+ .23	40	39	+ 6	S	5	0	4	40	34	0.51
	Paris ...	29.57	43	ESE	2	b	29.56	+ .16	38	36	+ 4	SE	2	bc	6	51	28	—
	Brest ...	29.57	49	SSE	6	r	29.56	+ .16	46	42	+ 2	SW	5	0	5	52	44	0.12
FRANCE AND BELGIUM.	Lorient ...	29.66	49	SE	6	r	29.33	+ .08	46	41	— 1	SW	4	0	5	50	45	0.16
	Rochefort ...	29.39	51	SSE	6	c	29.45	+ .08	46	46	+ 1	SSE	5	0	6	54	45	0.29
	Belfort ...	?	31	W	2	bc	29.75	+ .?	39	32	+ 2	W	2	bc	6	48	26	—
	Lyons ...	29.69	47	S	1	c	29.67	+ .10	47	39	+ 5	SSE	6	0	6	50	41	—
	Nice ...	29.84	48	SE	2	bc	29.96	+ .34	41	39	— 9	ENE	2	bc	3	55	39	—
PENINSULA.	Perpignan ...	29.63	49	NNE	1	c	29.61	+ .01	54	50	+ 10	SSE	3	0	6	52	40	—
	Biarritz ...	29.42	57	S	3	bc	29.44	— .05	60	49	+ 10	S	3	0	2	61	46	—
	Corunna ...	#	#	#	#	#	29.54	+ .02	48	45	— 6	W	3	bc	6	57	48	0.75
	Lisbon ...	29.50	53	WSW	4	0	29.54	+ .02	48	45	— 6	W	3	bc	6	57	48	0.75
	Lisbon ...	29.50	53	WSW	4	0	29.54	+ .02	48	45	— 6	W	3	bc	6	57	48	0.75

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Sunday, 21st February 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.

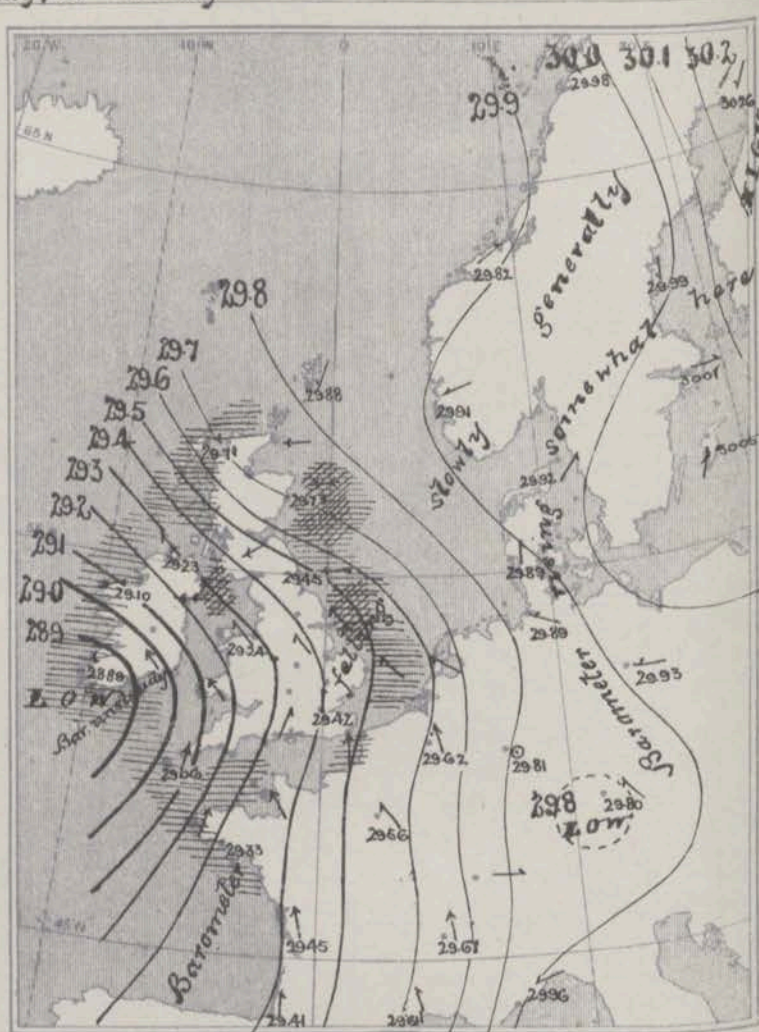
MEAN HEIGHT OF THE BAROMETER

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

STATIONS.

MEAN READINGS.

Sumburgh Head	29.775
Stornoway	29.775
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.900
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roch's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

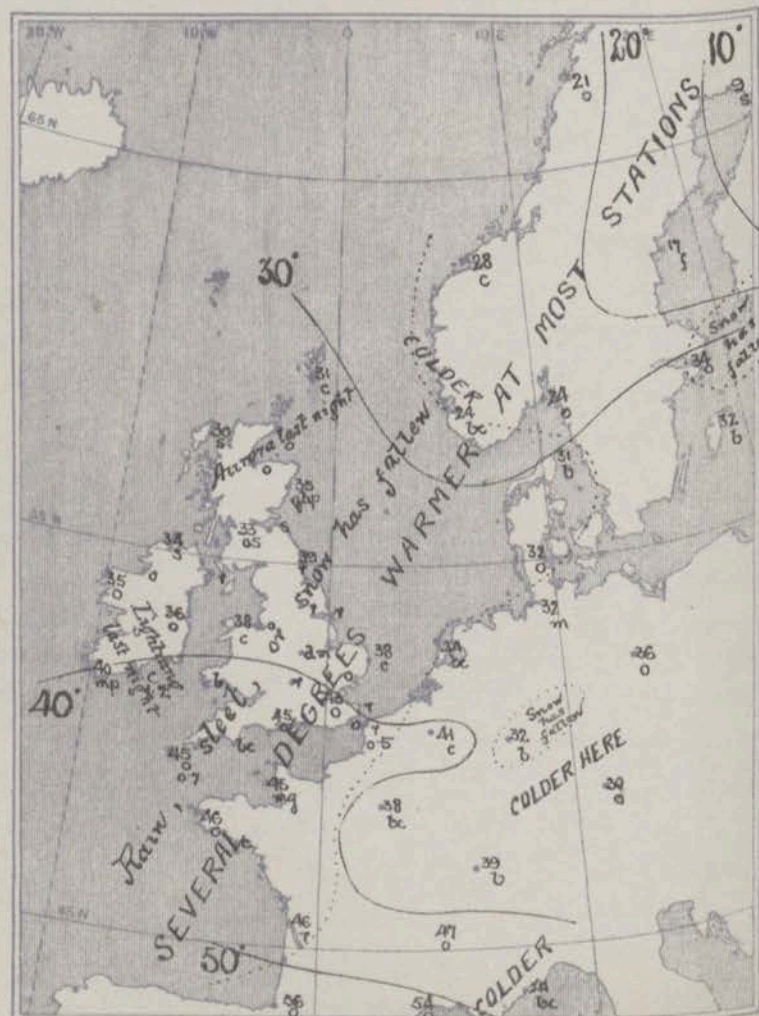
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Fry.	Wed.	
Sumburgh Head.....	42.1	34.5	35.5	37.1	3.10
Stornoway.....	43.5	34.6	39.1	38.1	3.86
Wick.....	43.1	33.2	38.1	36.7	2.04
Nairn.....	43.4	33.4	37.1	35.4	1.48
Aberdeen.....	43.2	33.8	37.3	35.7	2.35
Leith.....	45.7	34.3	38.6	37.1	1.45
Shields.....	43.8	35.1	38.6	37.3	1.50
Spurn Head.....	42.3	35.0	38.4	37.6	1.36
York.....	44.6	33.9	37.5	36.4	1.70
Loughborough.....	45.3	33.9	37.5	36.1	1.78
Ardrossan.....	44.6	33.3	39.4	38.2	3.04
Mullaghmore.....	45.6	38.6	42.0	40.3	3.69
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool.....	44.5	36.2	38.9	37.3	1.69
Parsonstown.....	46.9	35.6	39.4	38.1	2.20
Valencia.....	49.7	40.7	44.6	42.9	4.95
Roch's Point.....	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly.....	48.0	42.8	46.0	44.4	2.71
Prawle Point.....	46.8	38.1	41.5	40.5	2.02
Jersey.....	46.9	39.3	42.3	41.0	2.55
Hurst Castle.....	45.7	36.7	40.3	39.3	2.25
Dover.....	44.4	35.1	39.2	38.1	1.95
LONDON.....	45.8	35.1	38.6	37.1	1.73
Oxford.....	45.0	34.9	37.9	36.8	1.92
Cambridge.....	45.5	32.8	37.3	36.2	1.46
Yarmouth.....	42.6	31.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. and upwards, in the north of Sweden. 29.9 in. and upwards, over the southeast of France.
Lowest, 28.9 in. and less, in a depression lying off the south of Ireland.

Gradients steep over the southwest coast, and north of our Islands, but slight elsewhere.

Barometer falling in many parts of Western Europe - most in the northern parts of Ireland and England, but rising in Denmark and Germany.

TEMPERATURE

Highest, 56° at Biarritz, 54° at Perpignan, 48° at Lisbon, 47° at Lyons, and 46° at Basel, Lorient, and Rochefort.

Lowest, 9° at Haparanda, 17° at Helsingfors, 21° at Stockholm, 24° at Rindö and Västervik, and 26° at Christiansund.

A considerable rise has taken place in the eastern and southern parts of Great Britain, and a slight rise in the northwest.

WIND

Strong to a gale from the E. over all the more northern parts of our Islands, moderate to strong from the SE. or S. at our southern and the French stations.

Light from the S. in Denmark, and from the SE. in Germany, but variable in Scandinavia.

During last night a whole gale to a storm from the E. was experienced over Ireland.

WEATHER

Dull over the greater part of Western Europe, with rain over the northern and eastern parts of England, and with snow in Scotland and the north of Ireland.

Fine in the south of Scandinavia, but dull in the north, with snow at Haparanda.

Heavy rain fell yesterday in the southwest of our Islands, the largest amount being 12 in. at Rock Point and 9 in. at Scilly. Thunder was seen at Rock Point and Scilly, at night.

SEA

High off the northeast coasts of Great Britain as well as at Donaghadee, rough or rather so on most other parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

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

DISTRICTS.

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

FORECASTS.

None issued

DISTRICTS.

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

WARNINGS

FORECASTS.

None issued

At 9.30 am to districts 3, 5, 8, and 10. Hoist "South Cone". At 9.45 am to district 9. Hoist "North Cone". The North Cone is still flying in districts 1 and 6.

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.	V.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	V.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.58	29	25	ESE	6	0	3	Valencia ...	29.01	29	25	ESE	5	0	5
Sumburgh Head ...	29.74	29	22	E	4	0	5	Scilly ...	29.06	29	23	ESE	5	0	6
Stornoway ...	29.65	31	31	NE	4	0	4	Jersey ...	29.35	48	44	SE	4	0	3
Aberdeen ...	29.64	31	29	WNW	3	0	3	Hurst Castle ...	29.38	43	41	ESE	3	0	3
Shields ...	29.51	34	33	ESE	4	0	5	Dungeness ...	29.47	1.2	1.1	S	4	0	4
Ardrossan ...	29.52	23	23	NE	2	0	1	North Foreland ...	29.44	34	33	NNE	3	0	4
Malin Head ...	29.47	34	32	E	6	0	3	London ...	29.44	37	35	ESE	2	0	5
Mullaghmore ...	29.39	34	33	ESE	5	0	6	Yarmouth ...	29.42	26	34	W	3	0	5
Belmullet ...	29.25	32	32	ESE	7	0	6	Rochefort ...	29.47	29	47	SSE	5	0	6
Holyhead ...	29.25	35	33	E	6	0	6								

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

Weather fine in the east of Scotland, as well as in Scandinavia, the west of France, and the greater part of Spain and Algeria. Cloudy or overcast elsewhere, with fog in the south of Russia; rain in the east and south of France, and snow in many parts of England, Ireland, Denmark, and Germany. Heavy rain falling during day in the southwest of our Islands and the west and north of France, as well as over Southern Italy; thunderstorm occurring at Lorient, and lightning seen at some of our southernmost stations. Snow spreading northwards to Scotland at night.

Temperature highest 67° at Palermo, 60° at Rome, Naples, and Algiers, and 58° at Brindisi; above 50° at nearly all the Mediterranean and Adriatic stations, as well as on the coasts of the Spanish Peninsula; above 45° in the west of France. Lowest 11° F. at Uleaborg, -9° at Haparanda and Lulea, -7° at Helsingfors, and +2° at Stockholm; considerably below the freezing point over the northern parts of Russia and Scandinavia generally, as well as in Scotland - as low as 16° at Nain. Decided rise taking place over our Islands during day, thermometer exceeding 45° in the extreme south. Falling about 50° in the east and south of France, above 60° in Spain and Italy, and above 70° in Sicily and Algeria.

Wind E or NE over the greater part of our Islands and also on the eastern shores of the North Sea; strong to a gale in force in Ireland, and also in Denmark. Light or moderate from the NW in the southeast of England, from the SW in Spain, France, and Belgium, and from the SE over Germany, Austria, and a considerable portion of Russia. Moderate to strong from the S in Italy. E gale in Ireland increasing later, and becoming very severe at night; wind backing to the S in the west of France.

Barometer highest 30.4 ins. and upwards, in an anticyclone lying over Russia. Lowest 28.9 ins. and less, in a deep depression lying off the south of Ireland; 29.2 ins. and less, in a shallower disturbance lying over Holland. Depression in southwest subsequently moving slowly eastwards, but also tending to spread northwards. Disturbance over Holland entirely filling up. Rapid increase of pressure taking place over Russia, barometer at Moscow reaching 30.0 ins.

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.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Monday, 22nd February, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R.-H. SCOTT, Secretary.																				
STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Shade Temp.		Amount of Rainfall.			
Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).	Weather.	Max.	Min.	Ins.						
SCANDINAVIA.																				
Haparanda ...	30.21	6	SW	2	b	30.52	+ .26	-16	-16	- .25	Z	0	b	#	b	25	?	0.20		
Hernösand ...	30.36	8	Z	0	b	30.47	+ .48	5	5	- .12	N	4	0	#	b	23	?	-		
Stockholm ...	30.21	31	SE	2	0	30.24	+ .23	35	34	+ .1	SE	4	0	#	0	39	27	-		
Wisby ...	30.17	36	SE	4	0	30.18	+ .13	35	34	+ .3	SSE	4	0	#	0	37	23	-		
Bodö ...	30.09	23	EHE	4	0	30.26	+ .28	23	21	+ .2	EHE	5	b	3	0	23	18	-		
Christiansund...	30.12	29	ESE	2	b	29.97	+ .15	30	29	+ .2	ESE	3	c	8	b	32	27	-		
Skudesnaes ...	29.91	32	ESE	2	0	29.80	- .11	39	37	+ .15	N	2	0	3	0	?	?	-		
Christiania Fjord (Færder)	30.12	32	NHE	4	c	30.02	+ .09	31	30	+ .7	NHE	5	0	1	c	32	24	-		
Skagen (The Scaw)	29.99	33	EHE	3	bc	29.93	+ .01	34	33	+ .3	E	3	m	1	bc	34	28	-		
Fanö ...	29.79	33	E	6	0	29.67	- .22	33	32	+ .1	E	6	f	#	0	36	32	-		
Sumburgh Head	29.79	35	EHE	4	0	29.66	- .22	39	39	+ .8	SE	5	r	6	0	39	31	0.53		
Stornoway ...	29.56	32	E	8	S	29.51	- .20	29	29	- .1	N	2	c	3	?	35	28	0.06		
Wick ...	29.61	34	E	8	S	29.57	- .18	40	39	+ .5	SE	3	r	4	5 75	40	30	0.25		
Nairn ...	29.49	34	E	8	0	29.53	- .16	30	30	- .2	SW	1	f	1	5 0	35	26	0.16		
Aberdeen ...	29.53	38	SE	6	ogt	29.37	- .16	37	36	+ .2	SE	3	of	7	75 0	39	33	0.43		
Leith ...	29.46	36	Z	0	0	29.50	- .05	35	35	+ .1	Z	0	m	#	0	38	32	0.11		
Shields ...	29.49	39	SE	3	0t	29.47	+ .02	40	40	+ .1	E	1	m	3	r 0	40	34	0.18		
Spurn Head ...	29.51	38	SSE	3	og	29.46	+ .04	37	37	- .2	NW	1	rm	3	og	39	36	0.31		
York ...	29.50	39	ESE	1	0	29.50	+ .08	36	33	- .2	NE	1	f	#	0	40	34	0.16		
Loughborough	29.45	39	SE	1	0	29.48	+ .12	35	35	- .2	Z	0	of	#	0	43	35	0.01		
Ardrossan ...	29.43	37	NE	2	b	29.46	+ .01	36	35	+ .3	GHE	2	0	1	sb	38	32	?		
Malin Head ...	29.31	41	SE	4	0	29.36	+ .13	39	38	+ .5	SSE	4	bm	2	0t	?	34	0.07		
Mullaghmore ...	29.23	39	E	5	og	29.17	+ .12	41	39	+ .5	ESE	6	og	#	spg	42	36	0.05		
Belmullet ...																				
Donaghadee ...	29.36	44	SE	6	bc	29.43	+ .12	41	41	+ .4	ESE	6	0	4	bc	45	37	0.04		
BRITISH.																				
Liverpool (Biston)	29.42	41	ESE	3	b	29.48	+ .17	38	37	+ .1	SE	3	0	3	b	45	37	-		
Holyhead ...	29.35	41	S	4	cq	29.41	+ .17	39	37	+ .1	ESE	2	b	2	bgo	48	37	0.02		
Parsonstown ...	29.14	40	SE	1	0	29.26	+ .19	40	38	+ .4	SE	1	c	#	c 0	42	36	0.29		
Valencia ...	28.88	42	ESE	4	opm	29.07	+ .18	44	41	+ .4	ESE	6	0	5	pml	47	38	0.63		
Roche's Point	29.03	45	SSE	8	cq	29.19	+ .28	45	43	+ .1	SSE	6	bc	5	qel	46	40	0.25		
Pembroke (St. Ann's Hd.)	29.28	43	SSE	6	bc	29.34	+ .18	42	41	- .1	SE	6	cqp	5	bc	46	38	0.08		
Scilly ...	29.17	46	S	6	og	29.27	+ .21	46	44	+ .1	S	4	c	5	qo	48	42	0.11		
Prawle Point ...	29.38	46	S	5	c	29.42	+ .12	45	44	0	SSE	5	ogm	4	el	48	41	-		
Jersey (St. Aubin's)	29.44	47	SSE	4	c	29.52	+ .15	45	43	0	S	5	cq	4	gmo	49	42	-		
Hurst Castle ...	29.45	44	SSE	4	c	29.51	+ .15	45	44	0	S	3	bc	4	oc	46	38	-		
Dungeness ...	29.48	44	S	2	0	29.53	+ .07	41	41	- .3	NW	2	0	2	ocr	44	39	0.48		
North Foreland	29.50	41	SSE	2	0	29.53	+ .06	40	40	- .1	N	2	of	2	r og	47	37	0.35		
London ...	29.50	44	SSE	2	0	29.53	+ .11	42	41	- .1	SSE	1	of	#	or	48	39	0.04		
Oxford ...	29.49	42	SE	2	0	29.52	+ .14	40	39	- .1	SE	2	of	#	og	45	40	-		
Cambridge ...	29.49	41	Z	0	0	29.52	+ .08	37	36	- .2	SW	1	0	#	om	47	35	0.18		
Yarmouth ...	29.53	40	SE	4	c	29.50	- .00	40	40	+ .2	SW	2	of	4	c	40	38	0.23		
GERMANY & HOLLAND.																				
Cuxhaven ...	29.82	35	E	3	m	29.72	- .17	34	33	+ .2	E	2	5	#	m	35	32	-		
Berlin ...	29.81	40	SE	2	b	29.81	- .12	41	39	+ .5	SE	3	5	#	b	43	36	-		
Wiesbaden ...	#	#	#	#	#	29.67	- .14	39	37	+ .7	SW	1	c	#	?	46	32	-		
Munich ...	29.75	33	SW	3	b	29.71	- .09	40	37	+ .9	SSE	5	0	#	b	43	30	-		
The Helder ...	29.63	38	S	1	b	29.60	- .09	37	36	+ .3	ESE	2	bc	#	b	39	33	-		
FRANCE AND BELGIUM.																				
Brussels (D. A.M.)	#	#	#	#	#	29.55	- .07	42	41	+ .1	SE	3	0	#	0	52	40	0.04		
Cape Gris Nez	29.49	43	SE	2	0	29.49	+ .02	41	41	+ .1	Z	0	r	#	0	45	37	0.59		
Paris ...	29.50	50	SSE	3	0	29.59	+ .03	41	40	+ .3	SW	3	0	#	0	54	38	0.32		
Brest ...	?	49	SSW	5	c	?	?	45	43	- .1	SSW	4	7	5	c	52	43	0.24		
Lorient ...	29.40	48	SW	3	c	29.47	+ .14	46	43	0	S	5	0	5	c	52	43	0.12		
Rochefort ...	29.50	44	Z	0	r	29.65	+ .20	40	40	- .6	S	5	b	#	r	52	39	0.51		
Belfort ...	?	33	N	2	b	?	?	39	?	0	N	2	bc	#	b	48	32	-		
Lyons ...	29.58	49	SSW	7	0	29.69	+ .08	44	42	- .3	WSW	1	r	#	0	54	42	0.39		
Nice ...	29.85	53	E	5	0	29.79	- .17	46	44	+ .5	EHE	5	r	4	0	54	41	1.10		
Perpignan ...	29.89	54	S	1	bc	29.72	+ .11	48	42	- .6	WSW	1	0	#	bc	55	45	0.12		
Biarritz ...	29.52	47	WSW	5	r	29.62	+ .21	43	39	- .13	S	3	b	1	r	56	41	0.51		
PENINSULAR.																				
Corunna ...	#	#	#	#	#															
Lisbon ...	29.71	51	WSW	3	b	29.57	+ .03	53	49	+ .5	SSW	5	c	#	b	55	48	0.04		

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Monday, 22nd February, 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.

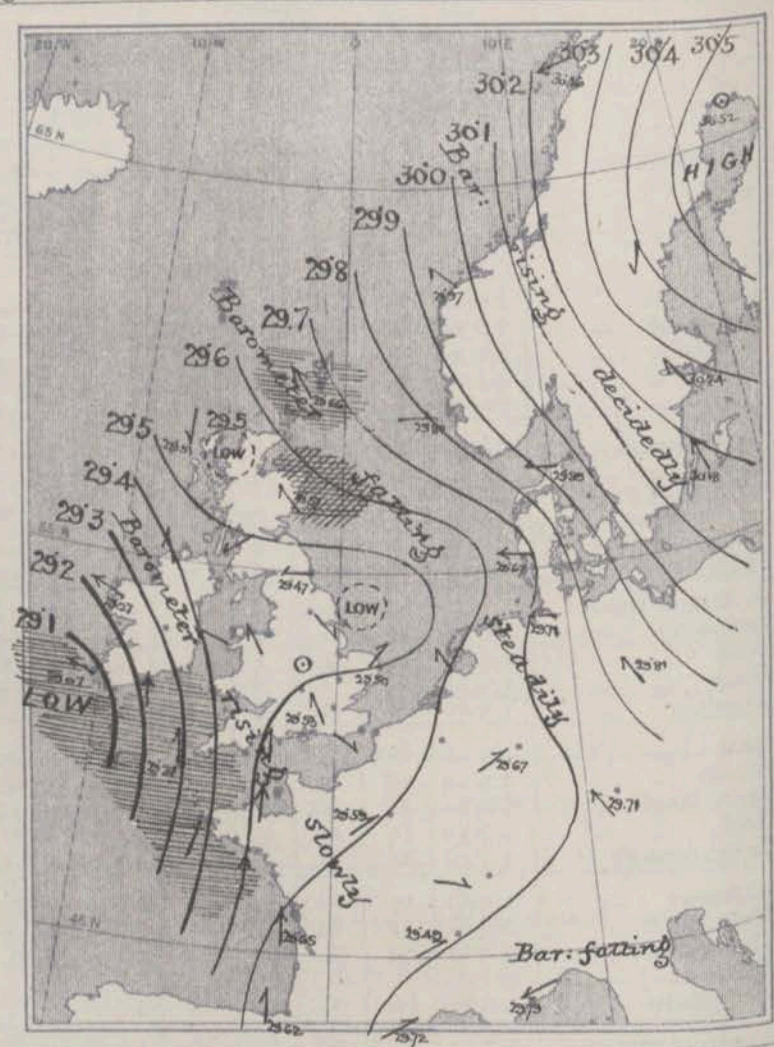
SEA DISTURBANCE—Where considerable, is shown thus:

☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.851
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Silly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

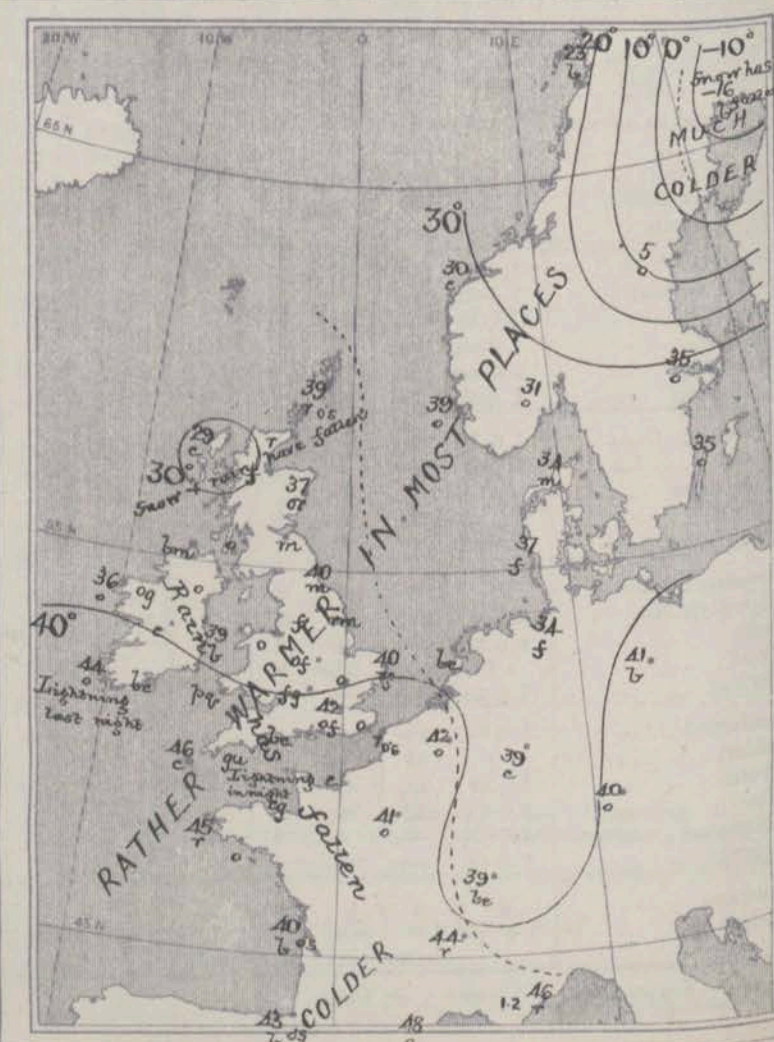
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.4	34.5	38.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.43
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.36
York	44.6	33.0	37.5	36.4	1.70
Loughborough	45.5	33.9	37.5	36.4	1.78
Ardrossan	44.6	30.3	39.4	38.2	3.04
Mullaghmore	45.6	38.6	42.0	40.3	3.09
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.00
Liverpool	44.5	35.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Silly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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 in: and upwards, in the north of Sweden.

Lowest, 29.1 in: and less, in a depression lying off the southwest of Ireland. Shallow secondary disturbances lying respectively over the north of Scotland and off the east of England.

Gradients moderate over the west of our Islands, and also over Scandinavia, but slight elsewhere.

Barometer falling over the North Sea and adjacent coasts, as well as over the southern parts of France and Germany, but rising elsewhere.

TEMPERATURE

Highest, 53° at Ljubow, 48° at Kipignaw, 46° at Scilly, Lorient, and Nice, and 45° at Rocherpoint, Havelport, Hurst Castle and Brest.

Lowest, -16° F. at Haparanda, +15° at Helsingfors, 23° at Bodø, 29° at Storö, and 30° at Kurrin.

During yesterday the thermometer rose to between 46° and 49° in the southern parts of the United Kingdom.

WIND

Strong from the SEth on our western coasts; moderate from the same quarter in the north and east of Scotland.

Light to fresh from the Sth over the south of our Islands and the west and north of France.

Moderate to strong from the Eth or SEth over the greater part of Scandinavia and Denmark.

WEATHER

Cloudy or overcast in most parts of Western Europe, with fog over the eastern and central parts of England, as well as in the south of Denmark.

Rain is falling on the north and east coasts of Great Britain and also in the south of France.

Snow fell yesterday in Scotland and rain in most other parts of our Islands and France; the largest amounts being 11 in: at Nice, and 0.6 in: at Kallmeir and Gfiss May.

Lightning was seen last night in the south of Ireland and at Havelport.

SEA

High at Aberdeen, rough at Sumburgh H., and rather rough off the southwest of our Islands and the northwest of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest appears to be travelling away over the Atlantic, but secondary disturbances are forming over the North Sea and the north of Scotland. The general appearance remains very unsettled, and showery weather seems likely to continue generally.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SE th and E th winds, fresh or strong; dull, rainy.	6 SCOTLAND WEST	E th winds, freshening; dull, some rain.
1 SCOTLAND EAST		7 ENGLAND N.W.	E th and SE th winds, force doubtful; unsettled, some showers.
2 ENGLAND N.E.	Light Variable airs; dull, some mist and rain.	8 ENGLAND S.W.	S th and SE th winds, strong; unsettled, some snow.
3 ENGLAND EAST	S th winds, freshening; changeable, some showers.	9 IRELAND NORTH	Same as No 7.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No 8.
5 ENGLAND SOUTH			
		WARNINGS	The NORTH CONE is still flying in districts 0, 1, and 6, and the SOUTH CONE in districts 3, 5, 8, and 10.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skeweanaca ...	29.97	35	30	ENE	2	0	2	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.65	32	32	E	8	S	6	Jersey ...	29.43	42	46	SSE	4	0	4
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.49	44	44	SSE	4	0	4
Ardrossan ...								North Foreland ...	29.52	42	41	SSE	2	0	2
Malin Head ...	29.20	39	38	SE	6	0	3	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.15	38	38	ENE	6	0	8	Rocheport ...	29.48	47	46	NE	2	0	8
Holyhead ...	29.30	47	42	SSE	4	6	3								

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

Weather cloudy or overcast in most places, with rain over the northern and central parts of England and with snow in many parts of Scotland and the north of Ireland; snow reported also at Haparanda. Fine in the south of Scandinavia, as well as at many of the Italian stations. Rain falling later in nearly all parts of western Europe - heavily in places; lightning seen at night in the south of Ireland.

Temperature highest 63° at Nemours, Oran, Algiers and La Calle 59° at Malta, and 58° at Lesina; above 50° at most of the Italian and Mediterranean stations and above 45° in the west of France. Lowest 5° at Archangel, +9° at Haparanda, 15° at Uleaborg, 16° at Moscow, and 17° at Herissand, below the freezing point in most parts of Scandinavia and Russia as well as in the extreme north of Scotland; below 40° in all but the most southern parts of the United Kingdom. Subsequently rising to between 46° and 49° at all our southern stations and to between 50° and 55° in France but remaining below 40° in the north of our Islands.

Wind strong to a gale from the End over the northern parts of the United Kingdom; fresh or strong from the SEnd or Snd in the south and over France; light or moderate from the latter quarters over the greater part of Russia and central Europe, but NEnd in Scandinavia. Light and variable in Italy; chiefly Snd (SE to SW) over Spain and Algeria. End wind moderating later in most of our northern districts, but fresh gale from the SEnd springing up in the south of Ireland.

Barometer highest 30.4 ins. and upwards in a large anticyclone lying over central Russia. Lowest 28.9 ins. and less in a depression lying off the south of Ireland; gradients steep over the west and north of our Islands. Depression subsequently moving slowly to the westward but secondary disturbances beginning to form off our northeast coasts.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 14TH TO 20TH FEB 1892.

The weather of last week was exceedingly inclement, hard frosts being experienced over all the central parts of St. Britain, with severe snowstorms in many districts and with gales on several of the more exposed parts of our coasts.

During the first two days of the week a depression of no great size or intensity passed in a south-southeasterly direction right across our Islands and in the rear of this disturbance heavy snowstorms were experienced in many parts of England, with moderate to fresh gales from the End on our eastern and southern coasts.

On Tuesday the 16th the depression passed away to the Bay of Biscay while on the following day it travelled south-eastwards to the south of France where it apparently dispersed. The anticyclone which appeared off the north of Scotland on the former day was, however, very short lived and by the morning of the 17th a large depression had advanced over Scandinavia while a small secondary disturbance had appeared over the east of Scotland. The latter system ultimately travelled south-eastwards to Holland, its progress being attended by further falls of snow in many parts of Great Britain.

Pressure now began to give way quickly over Spain and on the night of the 18th a large depression of irregular form spread north-eastwards towards our south coasts, while a well marked secondary system formed near the mouth of the Channel. The former disturbance occasioned End gales and snowstorms over the southern parts of England while the latter produced strong End gales in Ireland with exceedingly heavy falls of rain and snow in the southwest of England and with thunder and lightning in some places. At the close of the week both systems were apparently filling up and a large anticyclone was inclined to extend over our Islands from Scandinavia.

Temperature was very little below the average at the commencement of the week but the thermometer afterwards fell quickly and hard frost occurred in nearly all districts. On the night of the 16th the thermometer fell to zero at Loughborough while on the night of the 18th minima were registered as low as 4° at Loughborough, and 7° at York. Between the 16th and 19th the maximum readings were very little above the freezing point in any but the extreme southwestern 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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Tuesday 23rd February.

1892.

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

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STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS			
	Barom.	Temp.	Wind.		Weather.		Barometer.		Shade Temp.			Wind.		Sea (10 to 9).		Shade Temp.		Amount of Rainfall.		
			Reading at 32° F. and Sea Level.	Change since Yesterday Morn.			Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (10 to 12).	Weather.	Max.			Min.				
	Inch.	°	Dirce.	Force (10 to 12).		Inch.	°	°	°							°	°	Inch.		
SCANDINAVIA.	Haparanda	30.54	1	2	0	0	30.49	-0.03	13	13	+29	NNE	2	0	*	0	?	-17	—	
	Hernösand	30.02	18	NNE	2	0	30.46	-0.01	24	24	+15	NNE	2	0	*	0	?	-4	0.24	
	Stockholm	30.30	33	SE	4	0	30.32	+0.02	33	32	-2	SE	2	0	*	0	36	30	—	
	Wibby	30.23	35	SE	4	0	30.29	+0.06	33	32	-2	SE	4	0	*	0	36	32	—	
	Bodo	30.21	26	ENE	5	6	30.07	-0.14	31	28	+8	ENE	6	0	*	0	?	19	—	
	Christiansund	29.81	42	NNE	4	C	30.01	+0.04	41	38	+11	N	1	0	3	C	?	30	—	
	Skudesnaes	29.79	41	ENE	2	C	30.04	+0.04	40	38	+1	S	0	0	3	C	43	37	0.001	
	Christiania Fjord (Fæder)	30.03	36	NNE	5	0	30.14	+0.12	36	35	+5	ENE	4	0	1	0	36	?	—	
	Skagen (The Seaw)	29.87	34	ENE	4	m	30.08	+0.15	34	33	0	ENE	2	m	1	m	34	32	—	
	Fanø	29.81	35	ENE	4	0	29.92	+0.11	35	34	+2	NNE	2	0	*	0	37	32	0.001	
	Sumburgh Head	29.57	40	SE	5	7	29.81	+0.15	42	41	+3	SE	3	0	6	7	42	38	0.371	
	Stornoway	29.48	36	2	0	0	29.55	+0.07	34	34	+5	S	2	0	3	0	38	28	—	
	Wick	29.50	38	SE	3	0	29.70	+0.16	40	38	0	SE	2	0	6	0	40	35	0.200	
	Nairn	29.52	35	2	0	0	29.69	+0.16	30	30	0	2	0	0	3	0	35	28	—	
	Aberdeen	29.56	36	S	1	6m	29.77	+0.22	40	39	+3	SE	2	6m	5	7m	40	32	0.25	
	Leith	29.53	36	ENE	2	6	29.72	+0.22	37	37	+2	E	1	0m	*	6	44	34	—	
	Shields	29.59	41	SE	2	f	29.75	+0.28	39	38	-1	ENE	3	0	3	7	42	36	0.03	
	Spurn Head	29.61	36	ENE	2	f	29.79	+0.31	39	38	+2	ENE	4	0	3	7	40	35	0.01	
	York	29.57	41	ENE	1	10	29.76	+0.26	37	36	+1	ENE	1	0	*	0	45	33	0.01	
	Loughborough	29.54	45	ENE	2	0	29.67	+0.19	36	35	+1	SE	2	6m	*	0	47	35	—	
ISLANDS.	Ardrossan	29.50	36	NNE	1	0f	29.62	+0.16	39	38	+3	E	3	0	2	0f	43	35	—	
	Malin Head	29.41	41	SE	5	Cm	29.47	+0.11	42	40	+3	SE	5	0m	2	Cm	?	38	—	
	Mullaghmore	29.38	43	ENE	4	C	29.39	+0.12	44	41	+3	E	5	0f	4	0f	45	40	—	
	Belmullet	29.29	43	NNE	3	6	29.29	0	42	41	0	NNE	3	0f	*	0f	45	37	0.02	
	Donaghadee	29.47	43	ENE	4	C	29.53	+0.10	43	43	+2	SE	6	0	4	C	44	40	0.05	
BRITISH ISLANDS.	Liverpool (Bidston)	29.53	40	ENE	3	0	29.60	+0.12	39	39	+1	E	5	0	3	0	42	37	0.02	
	Holyhead	29.46	42	SE	2	6	29.53	+0.09	41	38	+2	E	4	0	3	6	47	38	0.06	
	Parsonstown	29.33	42	2	0	6	29.31	+0.05	43	41	+3	SE	2	0	*	6	45	39	0.01	
	Valencia	29.18	46	ENE	5	0	29.17	+0.10	42	40	-2	ENE	3	0	4	70	47	40	0.41	
	Roche's Point	29.28	46	ENE	6	C	29.21	+0.22	45	45	0	S	6	0	5	Cf	48	44	0.30	
	Pembroke (St. Ann's Hd.)	29.38	43	SE	6	C	29.38	+0.04	42	41	0	E	7	0f	6	C	46	39	0.26	
	Scilly	29.30	45	S	5	7	29.29	+0.02	45	43	-1	S	4	0	4	Cf	52	42	0.75	
	Prawle Point	29.45	46	SE	5	6	29.46	+0.04	45	44	0	SE	5	0f	4	6	47	43	0.19	
	Jersey (St. Aubin's)	29.53	47	ENE	5	6	29.54	+0.02	45	42	0	SE	6	0	4	Cf	50	44	—	
	Hurst Castle	29.56	45	ENE	5	6	29.61	+0.10	44	42	-1	SE	4	0	4	6	48	42	—	
	Dungeness	29.65	44	S	2	6	29.67	+0.14	43	42	+2	ENE	4	6	3	6	48	40	—	
	North Foreland	29.66	42	S	3	6	29.70	+0.20	42	41	+2	ENE	4	6	4	6	47	39	—	
	London	29.64	45	ENE	3	6m	29.68	+0.15	37	36	-5	ENE	1	6	*	6	51	35	—	
	Oxford	29.63	42	ENE	2	6	29.65	+0.10	40	38	0	SE	3	6	*	6	49	39	0.01	
	Cambridge	29.64	43	ENE	1	6	29.70	+0.21	37	37	0	E	1	0	*	6	51	32	—	
	Yarmouth	29.65	41	ENE	3	6	29.78	+0.28	37	36	-3	ENE	5	0	4	Cf	44	35	0.04	
	Cuxhaven	29.72	40	SE	2	m	29.80	+0.18	38	37	+4	NNE	2	m	*	m	44	34	—	
	Berlin	29.89	42	SE	2	6	29.87	+0.16	38	37	-3	SE	3	0	*	6	48	37	—	
	Wiesbaden	29.80	41	W	4	6	29.81	+0.21	36	35	-3	W	0	0	*	*	?	32	—	
	Munich	29.80	41	W	4	6	29.84	+0.13	32	32	-8	NNE	1	0	*	6	50	30	—	
GERMANY & HOLLAND.	The Helder	29.78	39	ENE	1	f	?	?	31	31	-6	E	1	f	1	f	41	30	—	
	Brussels (9 a.m.)	*	*	*	*	*	29.80	+0.25	34	34	-8	SE	3	0	*	*	?	34	—	
	Cape Gris Nez	29.65	45	ENE	1	6	29.68	+0.19	36	36	-5	E	3	0	2	6	48	36	—	
	Paris	29.75	46	ENE	2	6	29.69	+0.10	36	35	-5	ENE	2	0	*	6	52	34	—	
	Brest	29.75	48	S	4	0	29.75	0	45	43	0	W	3	0	4	0	50	43	0.39	
FRANCE AND BELGIUM.	Lorient	29.45	48	SE	5	0	29.40	-0.02	48	44	+2	ENE	5	0	5	0	52	43	0.43	
	Rochefort	29.58	49	ENE	5	6	29.60	-0.05	44	43	+4	SE	5	0	*	6	52	?	—	
	Belfort	29.69	42	E	1	C	29.79	+0.10	44	42	0	ENE	1	6	*	C	49	40	0.20	
	Lyons	29.82	47	NNE	5	7	29.81	+0.12	47	47	+1	2	0	f	3	7	53	46	1.93	
	Nice	29.71	50	W	2	6	29.71	-0.01	48	42	0	S	2	0	6	6	52	37	—	
PENINSULA.	Perpignan	29.71	50	W	2	6	29.71	-0.01	48	42	0	S	2	0	6	6	52	37	—	
	Biarritz	29.54	50	S	4	6	29.62	0.0	50	49	+7	ENE	4	0	1	6	59	?	—	
	Corunna	29.62	48	W	3	6	29.75	+0.18	46	43	-7	2	0	0	*	6	53	48	0.67	
	Lisbon	29.62	48	W	3	6	29.75	+0.18	46	43	-7	2	0	0	*	6	53	48	0.67	

For Explanation of Columns, see bottom of p. 4.

* Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Tuesday, 23rd February, 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.

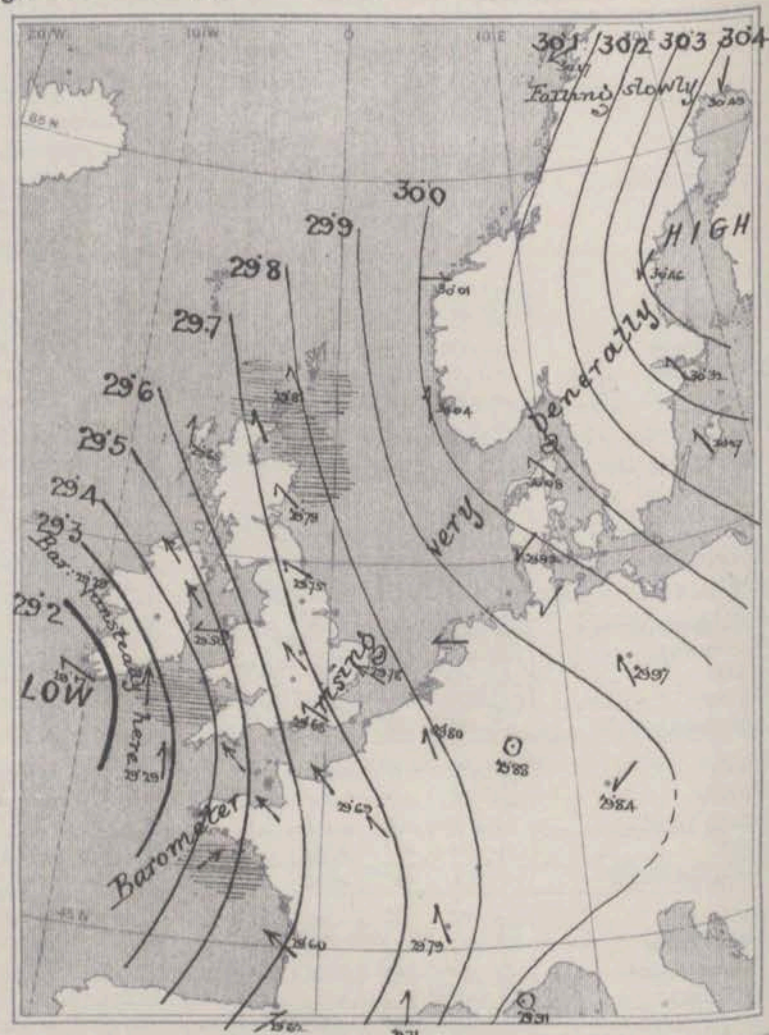
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

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

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

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

WEATHER is shown by Letters of the Beaufort Scale.

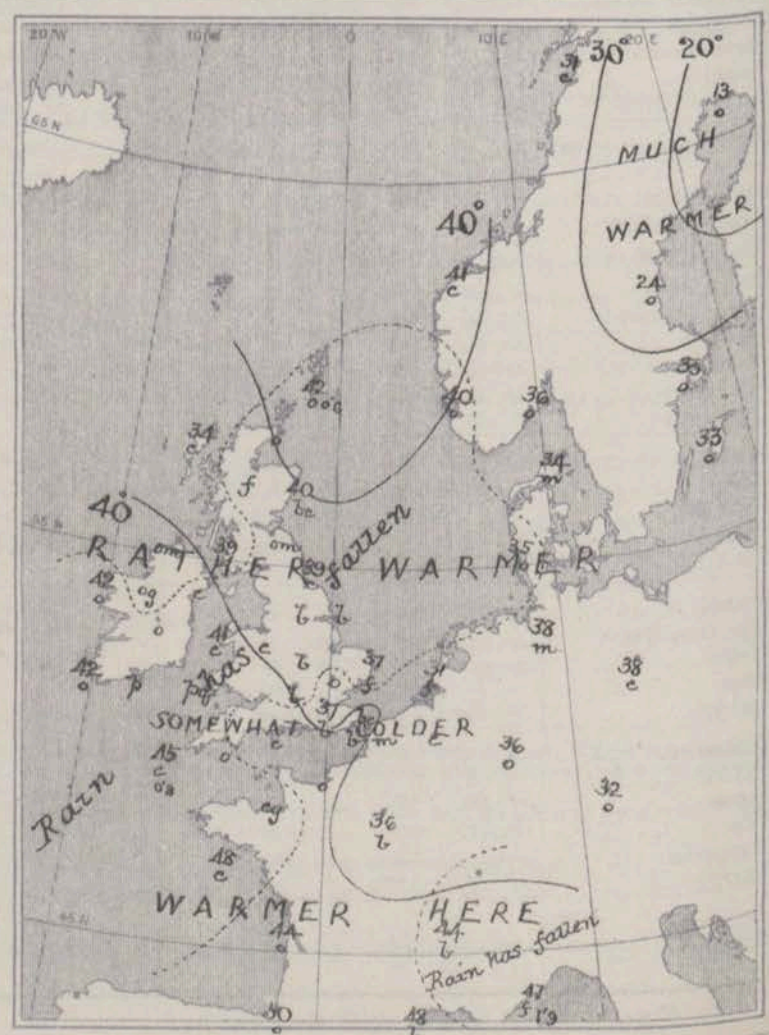
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	35.6	37.4	2.19
Stornoway.....	43.5	34.6	39.1	38.1	3.86
Wick.....	43.1	33.2	38.1	36.7	2.04
Nairn.....	43.4	33.4	37.1	35.4	1.48
Aberdeen.....	43.2	33.8	37.3	35.7	2.35
Leith.....	45.7	34.3	38.6	37.1	1.45
Shields.....	43.8	35.1	38.6	37.3	1.50
Spurn Head.....	42.3	35.9	38.4	37.6	1.36
York.....	44.6	33.9	37.5	36.4	1.70
Loughborough.....	45.3	33.9	37.5	36.4	1.78
Ardrossan.....	44.6	33.3	39.4	38.2	3.04
Mullaghmore.....	46.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.00
Liverpool.....	44.5	36.2	38.9	37.3	1.69
Parsonstown.....	46.9	35.6	39.4	38.1	2.20
Valencia.....	49.7	40.7	44.6	42.9	4.95
Roche's Point.....	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly.....	48.9	42.8	46.0	44.4	2.71
Prawle Point.....	46.8	38.1	41.5	40.5	2.02
Jersey.....	46.9	39.3	42.3	41.0	2.55
Hurst Castle.....	45.7	36.7	40.3	39.3	2.25
Dover.....	44.4	36.1	39.2	38.1	1.95
LONDON.....	45.8	35.1	38.6	37.4	1.73
Oxford.....	45.0	34.9	37.9	36.8	1.92
Cambridge.....	45.5	32.8	37.3	36.2	1.46
Yarmouth.....	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 ins. and upwards, over the Gulf of Bothnia.
 Lowest, 29.2 ins. and less, in a depression lying off the southwest of Ireland.
 Gradients moderate over the western parts of our Islands and France, but slight elsewhere.
 Barometer rising generally, but very unequally in the extreme southwest of our Islands.

TEMPERATURE

Highest, 50° at Limerick, 48° at Bristol and Tinsley, 47° at Nice, 46° at Lisbon, and 45° at Rocherpoint, Selly, Poulpoint and Jersey.
 Lowest, 13° at Haparanda, 24° at Helsingfors, 30° at Kinn, 31° at Umeå and the Helder, and 33° at Stockholm and Vidy.
 Frost occurred last night in many parts of Great Britain.

WIND

Chiefly S^W and light or moderate in force, but strong on some parts of our west and southwest coasts.
 Moderate from the S^W in the west of France, NE in the north of Scandinavia.

WEATHER

Fine over the greater part of England and also over Central France.
 Cloudy or overcast in most other localities, with mist or fog in places, and with showers at Rocherpoint and Pembrak.
 Considerable quantities of rain fell yesterday in the north of Scotland, the southwest of our Islands, and the west and south of France; the largest amounts being 1.9 ins. at Nice and 0.8 in. at Selly.

SEA

Rough off the north of Scotland, and also at the mouth of the St. George's Channel, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the southwest of Ireland appears to be almost stationary, but there is a tendency for the development of secondary disturbances over France and the Bay of Biscay. These may possibly move northwards, and cause cloudy, unsettled weather over England.

FORECASTS

For the 24 hours ending at NOON on 24th February 1892.

DISTRICTS.

FORECASTS.

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

SE^W winds, light or moderate; fair generally.
 SE^W winds, fresh; fair to cloudy, possibly some rain.

DISTRICTS.

FORECASTS.

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

E^W winds, light; cloudy generally.
 E^W and SE^W winds, freshening; fair generally.
 SE^W winds, strong; dull, rain locally.

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.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	27.79	42	37	SE	2	0	3	Valencia ...	27.14	45	44	SE	6	0	5
Sumburgh Head ...	27.62	38	38	SE	5	7	6	Scilly ...	27.31	51	48	S	4	c	5
Stornoway ...	27.50	38	38	S	0	0	2	Jersey ...	27.54	48	46	SE	5	c	5
Aberdeen ...	27.53	36	35	SE	1	0	6	Hurst Castle ...	27.56	47	45	S	5	bc	3
Shields ...	27.53	42	41	SE	1	0	3	Dungeness ...	27.61	48	46	SE	4	bc	2
Ardrossan ...	27.46	39	36	ENE	1	c	1	North Foreland ...	27.63	41	40	S	3	c	4
Malin Head ...	27.38	42	41	SE	5	c	2	London ...	27.57	50	46	SE	3	c	4
Mullaghmore ...	27.32	45	42	ENE	5	0	4	Yarmouth ...	27.60	48	42	WSE	1	c	4
Belmullet ...	27.43	46	42	SE	3	6	2	Rochefort ...	27.62	52	47	SE	5	b	4
Holyhead ...	27.43	46	42	SE	3	6	2								

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

Weather in morning fine and bright over southeastern and several parts of Central Europe, as well as over Lapland and the north of Finland. Changeable unsettled elsewhere, with rain at several of our own stations, much wet fog over England, and on the eastern side of the North Sea. Rain in the south of France also, fog at Singuair. Becoming very fine over the eastern half of England later, but considerable falls of rain occurring over Scotland, Ireland, the southwest of England, and France (1.9 in. at Nice).

Temperature in morning exceeding 50° on most shores of the Mediterranean (63° at La Cille) and in the southwest of Spain, and reaching 40° on the shores of the English and Irish Channels, below 40° at our midland and northern stations, and still lower over Central and eastern Europe. Lowest -16° F. at Haparanda, 0° at Uleaborg, +5° at Hemönd, 22° to 26° over Central Russia, and about the freezing point over Poland. Rising later to between 40° and 51° over our Islands generally, to between 50° and 55° in the west of France and to 59° at Biarritz. Falling slowly over England at night.

Wind SE (S to E) over by far the greater part of Europe, and somewhat fresh in force; variable and light, however, over France; variable, and moderate to fresh, over the Mediterranean, S. over Spain, W. over Algeria. Becoming more S. over England later, but falling light.

Barometer rising greatly in the far east. Morning readings 30.9 in. and more to 30.2 in. over Russia, Poland, and the greater part of the Baltic, Sweden, and Lapland; exceeding 29.9 in. over Algeria. Lowest 29.1 in. and less, in a large disturbance off the southwest of Ireland, about 29.45 in.; in a shallow secondary off the Yorkshire coast; and below 29.5 in. in a very shallow (V-shaped) system over the Mediterranean. Gradients moderate to slight. Rising over Ireland, England, and France later, falling slightly over Scotland and Norway.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Wednesday, 24th February, 1892.

1892.

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

Issued by the Meteorological Office, 55, Victoria Street, London, W. H. SCOTT, Secretary.																				
		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
STATIONS.		Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Sea (10 to 9).	Shade Temp.			Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (10 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry shade Yesterday.	Dirac.	Force (10 to 12).		Max.	Min.				
		Inch.	°				Inch.											Inch.		
SCANDINAVIA.	Haparanda ...	30.48	20	Z	0	o	30.41	-.08	23	23	+ 10	7	0	c	#	o	2	1	0.04	
	Hernösand ...	30.45	23	Z	0	f	30.45	-.01	26	26	+ 2	7	0	f	#	f	24	16	0.04	
	Stockholm ...	30.38	34	SE	2	o	30.42	+ .10	30	29	- 3	SE	2	b	#	o	37	30	-	
	Wisby ...	30.34	36	SSE	4	b	30.39	+ .12	34	32	+ 1	SE	6	b	#	b	37	30	-	
	Bodö ...	30.23	31	E	4	o	30.24	+ .17	34	32	+ 3	E	2	o	1	o	34	28	-	
	Christiansund...	30.16	37	ESE	3	b	30.10	+ .09	35	33	- 6	ESE	1	bc	2	b	41	32	-	
	Skudesnaes ...	30.06	43	E	1	o	30.06	+ .02	37	36	- 3	Z	0	o	2	o	45	36	-	
	Christiania Fjord (Fjorder)	30.22	36	NNE	5	o	30.24	+ .10	35	34	- 1	N	5	o	1	o	36	34	-	
	Skagen (The Scaw)	30.17	34	E	2	m	30.16	+ .08	33	32	- 1	ESE	3	o	o	m	34	32	-	
	Fanö ...	29.98	34	E	4	c	29.94	+ .02	35	34	- 0	E	4	c	#	c	37	34	-	
BRITISH ISLANDS.	Sumburgh Head	29.69	41	SE	4	c	29.67	+ .02	40	40	+ 6	S	3	c	4	bc	42	32	-	
	Stornoway ...	29.84	39	SE	6	o	29.79	+ .06	41	40	+ 1	SE	6	o	5	o	43	38	0.04	
	Wick ...	29.78	38	Z	0	bc	29.75	+ .06	38	37	+ 8	S	1	c	1	bc	46	29	0.01	
	Nairn ...	29.88	38	SE	4	oc	29.85	+ .06	39	39	- 1	SE	3	o am	5	oc	45	38	0.12	
	Leith ...	29.77	41	E	1	b	29.79	+ .07	37	37	- 0	S	1	c	#	b	45	37	-	
	Shields ...	29.79	39	ESE	3	o	29.82	+ .07	39	38	- 0	SSE	1	o	3	op	42	36	-	
	Spurn Head ...	29.77	37	ESE	4	f	29.82	+ .05	37	37	- 2	ESE	3	f	3	f	40	36	-	
	York ...	29.75	39	E	2	o	29.83	+ .07	38	38	+ 1	ESE	1	f	#	f	48	37	0.01	
	Loughborough	29.70	42	ESE	2	o	29.78	+ .11	37	37	+ 1	Z	0	oc	#	o	47	36	-	
	Ardrossan ...	29.66	44	ENE	3	cm	29.74	+ .12	41	39	+ 2	ENE	3	c	2	cm	48	37	-	
BRITISH ISLANDS.	Malin Head ...	29.49	44	SSE	6	om	29.58	+ .11	41	40	- 1	SSE	4	b	1	mo	41	37	-	
	Mullaghmore ...	29.44	45	E	5	oc	29.56	+ .17	44	42	- 0	E	5	c	3	ogpe	54	42	0.02	
	Belmullet ...	29.36	45	SE	3	bc	29.43	+ .14	43	41	+ 1	SE	6	b	#	o bc	46	41	0.02	
	Donaghadee ...	29.60	45	SE	6	o	29.70	+ .17	43	43	- 0	SSW	5	o	4	o	46	42	-	
	Liverpool (Bidston)	29.67	43	E	4	o	29.79	+ .19	39	39	- 0	ESE	3	om	3	o	48	38	0.01	
	Holyhead ...	29.58	46	SSE	2	c	29.71	+ .21	41	39	- 0	SE	2	bw	2	c	51	39	-	
	Parsonstown ...	29.44	45	SE	1	c	29.56	+ .25	43	41	- 0	SE	2	bc	#	c	49	41	0.16	
	Valencia ...	29.32	48	SSE	5	bc m	29.38	+ .21	48	45	+ 6	SE	7	om	6	cpm	49	40	0.01	
	Roche's Point	29.50	46	SSE	5	b	29.50	+ .29	46	43	+ 1	SSE	5	b	5	b	49	43	0.10	
	Pembroke (St. Ann's Hd.)	29.53	45	SE	4	c	29.66	+ .28	43	42	+ 1	SE	4	bc	4	c	47	39	0.09	
BRITISH ISLANDS.	Scilly ...	29.50	47	SSW	5	c	29.57	+ .28	47	45	+ 2	SSE	4	bc	4	bc	50	43	0.18	
	Prawle Point ...	29.65	46	S	3	b	29.72	+ .26	46	45	+ 1	SE	4	bc	3	bc tlp	49	44	0.02	
	Jersey (St. Aubin's)	29.69	47	SE	4	c	29.77	+ .23	45	43	- 0	SE	3	cmw	3	bc c	54	42	-	
	Hurst Castle ...	29.69	46	SSW	3	bc	29.77	+ .16	42	41	- 2	ESE	1	om	2	o bc	48	40	-	
	Dungeness ...	29.72	45	S	3	c	29.79	+ .12	44	44	+ 1	SSE	1	1	1	bc c	48	40	0.04	
	North Foreland	29.73	43	SE	4	bc	29.81	+ .08	43	42	+ 1	SE	3	1	2	bc	45	40	-	
	London ...	29.73	45	SSE	2	m	29.78	+ .10	42	41	+ 5	NE	1	of	#	bc cm	51	37	0.08	
	Oxford ...	29.74	44	SE	2	o	29.80	+ .15	37	37	- 3	ESE	1	om	#	o	49	34	0.06	
	Cambridge ...	29.74	41	SE	1	o	29.81	+ .08	41	41	+ 4	INNE	1	1	#	o	49	33	0.02	
	Yarmouth ...	29.75	38	SE	4	bc f	29.80	+ .02	39	38	+ 2	E	2	bc	3	f bc	39	35	0.01	
GERMANY & HOLLAND.	Cuxhaven ...	29.92	36	E	1	f	29.94	+ .04	36	35	- 2	SE	3	m	#	f	38	34	-	
	Berlin ...	30.02	44	SE	3	b	30.07	+ .10	39	37	+ 1	SE	4	b	#	b	38	36	-	
	Wiesbaden ...	#	#	#	#	#	29.92	+ .04	34	32	- 2	Z	0	b	#	#	39	32	-	
	Munich ...	29.88	35	Z	0	b	29.89	+ .05	31	31	- 1	SE	1	bc	#	b	46	28	-	
	The Helder ...	29.84	38	SSE	2	b	29.88	?	33	33	+ 2	ESE	1	f	1	b	39	31	-	
FRANCE AND BELGIUM.	Brussels (P. a. m.)	#	#	#	#	#	29.87	+ .07	41	39	+ 7	SE	1	c	#	b	47	34	-	
	Cape Gris Nez	29.71	47	SSE	2	bc	29.74	+ .06	45	43	+ 9	SE	2	o	#	bc	50	34	-	
	Paris ...	29.84	49	S	2	c	29.80	+ .11	44	43	+ 8	S	2	o	#	c	57	36	0.08	
	Brest ...	?	47	SW	3	c	?	?	46	44	+ 1	S	3	c	4	c	52	43	-	
	Lorient ...	29.69	48	SSW	3	c	29.72	+ .24	45	42	- 3	SSE	2	o	4	c	54	43	0.08	
FRANCE AND BELGIUM.	Rochefort ...	29.77	47	SSW	3	c	29.81	+ .21	39	38	- 5	SSE	4	b	#	c	52	37	-	
	Belfort ...	?	?	W	2	bc	?	?	41	35	-	W	2	bc	#	bc	51	38	-	
	Lyons ...	29.83	50	ESE	1	b	29.89	+ .10	45	44	+ 1	S	1	of	#	c	58	44	0.12	
	Nice ...	29.95	51	E	5	bc	29.97	+ .06	47	47	- 0	E	4	1	4	bc	57	46	0.39	
	Perpignan ...	29.79	49	S	2	r	29.94	+ .23	38	36	- 10	W	2	b	#	r	56	36	0.35	
PENINSULA.	Biarritz ...	29.73	52	E	2	b	29.80	+ .18	48	41	- 2	S	4	b	1	b	57	43	-	
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
PENINSULA.	Lisbon ...	29.85	51	SW	3	b	29.84	+ .09	45	44	- 1	Z	0	c	#	b	54	45	0.41	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Wednesday, 24th Feb^y, 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.

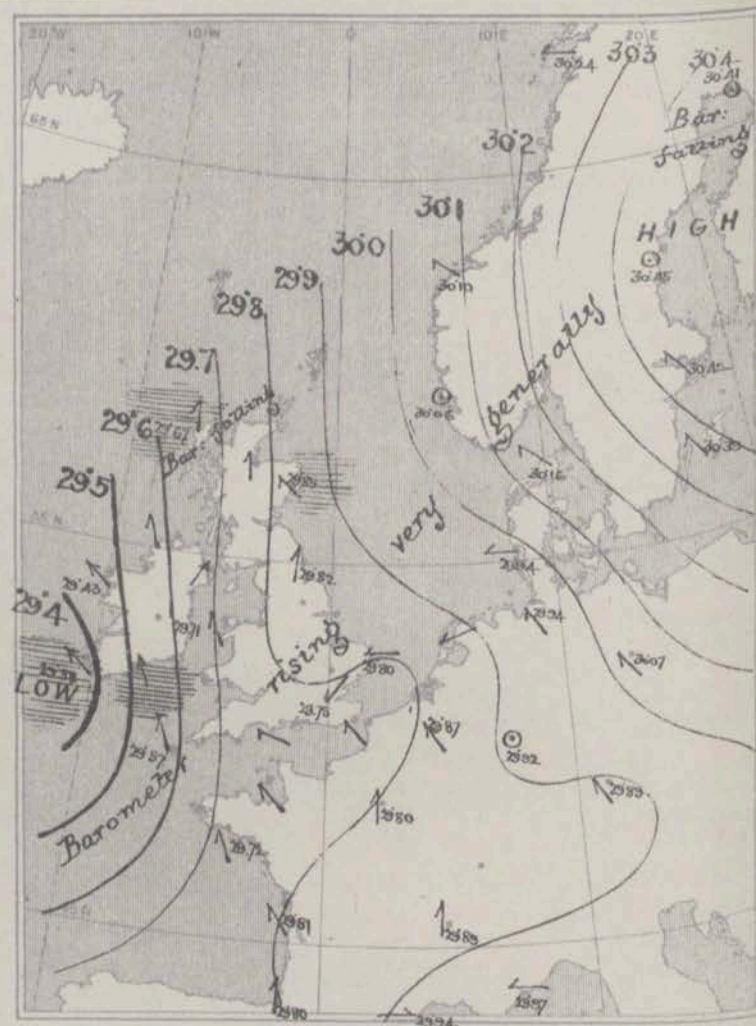
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS
Sumburgh Head	29.775
Stormoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.818
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Androssan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Rocha's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.998
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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 February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
Sumburgh Head	42.1	34.5	35.5	57.1	2.49
Stormoway	43.5	34.6	39.1	38.1	3.80
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.1	1.18
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	43.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.0	1.36
York	44.0	35.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.1	1.78
Androssan	44.6	35.5	39.4	38.2	3.04
Mullaghmore	45.6	35.0	42.0	40.3	3.69
Donaghadee	45.5	36.9	40.3	39.3	3.42
Holyhead	45.3	38.7	41.5	40.1	2.00
Liverpool	44.5	36.2	38.9	37.4	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.0	42.9	4.95
Rocha's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	47.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.35
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.78
Oxford	45.9	34.9	37.9	36.8	1.32
Cambridge	45.3	32.8	37.3	36.2	1.44
Yarmouth	42.0	31.5	35.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4-in and more to 30.0-in: over the Baltic, Scandinavia, and Denmark.
 Lowest, 29.4-in and less, over the extreme southwest of Ireland and the neighbouring parts of the Atlantic.
 Gradients moderate to slight, and mainly favourable for SE winds. Over France and the southeast of England, however, they were irregular.
 Barometer appears to be still rising except in the far north.

TEMPERATURE

Highest, 48° at Biarritz and Valencia Island, 47° at Nice, 46° at Lorient and Lisbon, and 40° at Stornoway.
 Lowest, 23° at Hyfrendu, 30° at Stockholm, 31° at Munich, 33° at the Helder, 37° at Ostend and Loughborough.
 It is higher in Ireland and Scotland than it was yesterday, but has changed very little over the greater part of England.

WIND

SE² at nearly all the Scandinavian, British, and Irish stations, and of moderate force, but very light and variable over France and the southeast of England, calm at Lorient.
 In London and at Cambridge NE² airs are reported.

WEATHER

Fine over the western and northwestern parts of our Islands and France, foggy over the greater part of England, and very rainy at the southeastern stations. Over Germany and the Baltic the sky is clear.
 Showers fell yesterday at most western and northern stations; thunder and lightning occurred at Frankfort.

SEA

Rough at Valencia Island, Rockpoint, and Aberdeen, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow disturbance in the southeast seems likely to cause a great deal of rain over the eastern and southeastern parts of England.

FORECASTS

For the 24 hours ending at NOON on 25th Feb: 1892.

DISTRICTS.

FORECASTS.

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

SE² breezes, moderate or light, dull, foggy or misty, rain at times.

Varying airs or calms, misty, rainy then fair.

DISTRICTS.

FORECASTS.

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

SE² and S² winds, moderate, fair as a whole, some local showers.

WARNINGS

NONE ISSUED

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnes ...	30.07	44	41	E	2	0	2	Valencia ...	29.26	48	46	SE	5	c p	5
Sumburgh Head ...								Scilly ...	29.44	50	48	SSW	5	bc	5
Stornoway ...	29.68	42	41	2	0	0	2	Jersey ...	29.63	54	48	SSW	4	c	4
Aberdeen ...	29.87	41	40	SE	3	0	4	Hurst Castle ...	29.65	47	45	SSE	5	0	4
Shields ...	29.78	40	39	ESE	4	0	4	Dungeness ...	29.68	46	45	SE	3	bc	2
Ardrossan ...	29.65	48	43	ESE	3	cm	2	North Foreland ...	29.70	43	42	ESE	4	bc	4
Malin Head ...	29.44	45	42	SSE	6	0	3	Louisa ...	29.66	48	45	SE	3	c	4
Mullaghmore ...	29.38	45	43	ESE	7	op	5	Yarmouth ...	29.75	38	37	E	4	f	4
Belmullet ...	29.29	44	42	SE	5	0	5	Rochefort ...	29.67	50	49	SSW	3	0	4
Holyhead ...	29.54	50	45	SE	3	c	3								

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

Weather fine over the greater part of England, as well as over Central France and Russia. Dull elsewhere, with showers at some of our southwestern stations, and with snow atבודابست. A little rain falling during day in the west and off the north of our Islands generally; thunder and lightning occurring atבודابست in night.

Temperature highest 63° at Algiers, 59° at Oran, La Calle, and Malta, and 58° at Palermo; above 50° at most of the Mediterranean and Adriatic stations; above 45° in the west of France, and just reaching that point on our own southwestern coast. Lowest, 1° at Archangel, 13° at Haparanda, 14° at Uleaborg, and 19° at St. Petersburg and Moscow, below the freezing point over the greater part of Sweden, Russia, and Austria, as well as over Central Scotland. Rising during day to a little above 50° on many parts of our western and southern coasts, and to 55° or more in the south of France.

Wind SE³ over the greater part of our Islands and the Continent, light or moderate in force generally, but strong on some parts of our own western and southern coast. Light or moderate from the SWnd over Spain and the west of France; variable in Algeria, moderate to strong from the NEnd in the south of Russia and also over the northern parts of Scandinavia. Subsequently veering to the Snd or SWnd in the south of our Islands.

Barometer highest 30.3 ins. and upwards, in an anticyclone lying over Central Russia. Lowest, 29.2 ins. and less, in a depression lying off the southwest of Ireland. Depression subsequently travelling away in a northwesterly direction to the Atlantic and barometer rising in nearly all parts of Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Thursday, 25th February, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																				
YESTERDAY EVENING.										8 A.M. TO DAY.							PAST 24 HOURS			
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.			Amount of Rainfall.				
	Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.		Force (0 to 12).	Weather.	Max.		Min.			
	Inch.	°				Inch.										Inch.				
SCANDINAVIA.	Haparanda	30.43	21	Z	0	0	30.46	+05	21	21	-2	N	2	0	*	0	28	18		
	Hernösand	30.42	31	Z	0	f	30.49	+04	29	29	+3	Z	0	5	*	f	31	21		
	Stockholm	30.50	30	S	2	b	30.53	+11	30	29	0	S	2	6	*	f	39	28		
	Wisby	30.45	33	SSE	4	b	30.52	+13	30	29	-4	SE	4	6	*	b	41	30		
	Bodo	30.24	36	E	2	b	30.20	-04	35	31	+1	E	4	6	2	b	37	30		
SCANDINAVIA.	Christiansund	30.10	37	ESE	1	bc	30.15	+05	40	37	+5	SSW	1	c	2	bc	41	35		
	Skudesnaes	30.09	39	WNW	1	0	30.13	+07	41	37	+4	SE	4	b	3	co	45	37		
	Christiania Fjord (Frier)	30.19	36	NE	5	b	30.36	+12	31	30	-4	NNE	4	b	1	b	36	30		
	Skagen (The Scaw)	30.19	36	E	3	b	30.30	+14	33	31	0	SE	3	b	1	b	36	30		
	Fanö	30.03	36	ESE	6	b	30.04	+10	33	32	-2	E	6	b	#	b	39	32		
BRITISH ISLANDS.	Sumburgh Head																			
	Stornoway	29.74	43	SE	4	bc	29.80	+13	38	37	-2	?	2	c	4	b. bc	46	32		
	Wick	29.85	40	SE	4	o	29.86	+07	41	40	0	SE	4	o	5	o	42	39	0.04	
	Nairn	29.79	39	Z	0	c	29.83	+08	35	33	-3	Z	0	c	1	c	42	28	0.09	
	Aberdeen	29.87	40	SE	3	o d	29.89	+04	41	41	+2	SSE	2	of	4	o m d	41	39	0.08	
BRITISH ISLANDS.	Leith	29.81	44	SSE	1	m	29.89	+10	34	34	-3	Z	0	of	#	m	45	31		
	Shields	29.83	40	Z	0	om	29.88	+06	36	36	-3	S	3		3	om	41	34	0.08	
	Spurn Head	29.82	37	ESE	2	rm	29.91	+09	35	34	-2	ESE	2		3	f rm	38	34	0.04	
	York	29.82	41	NE	1	m	29.92	+09	37	37	-1	E	1		#	m	41	35	0.04	
	Loughborough	29.80	40	ESE	1	o	29.88	+10	32	32	-5	ESE	1	of	#	o	43	31	0.27	
BRITISH ISLANDS.	Ardrossan	29.76	43	ESE	2	cm	29.84	+10	38	37	-3	ESE	2	o	1	cm	43	36		
	Malin Head	29.62	44	SSE	6	b	29.71	+13	41	40	0	SSE	5	bc	1	cb	?	40		
	Mullaghmore	29.57	47	SE	5	c	29.69	+13	43	41	-1	SE	4	bc	2	bc	51	42		
	Belmullet	29.44	47	SE	6	b	29.61	+18	37	34	-6	SE	3	c	#	b	51	33	0.04	
	Donaghadee	29.72	44	SSE	4	b	29.79	+09	44	44	+1	S	4	bc	2	b	47	42	0.02	
BRITISH ISLANDS.	Liverpool (Bidston)	29.79	42	ESE	3	bc	29.85	+06	38	37	-1	SE	3	o	3	bc	46	38		
	Holyhead	29.71	47	SE	3	b	29.79	+08	42	40	+1	SE	2	bw	2	b	51	40		
	Parsonstown	29.59	45	SE	2	b	29.72	+16	42	41	-1	Z	0	bc	#	b	52	40		
	Valencia	29.44	48	SSE	6	og	29.64	+26	47	45	-1	SSE	4	cm	4	og	49	44	0.33	
	Roche's Point	29.58	46	SSE	5	bc	29.70	+20	45	44	-1	SSE	4	bw	4	bc	49	43	0.02	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.68	44	SE	4	c	29.74	+08	43	42	0	SE	4	c	4	c q p	46	42	0.08	
	Scilly	29.64	47	SSE	4	cp	29.71	+14	47	46	0	SSE	4	bcw	4	cp	51	44	0.08	
	Prawle Point	29.76	46	S	5	c	29.80	+08	47	45	+1	SSW	2	bc	1	cp	49	44	0.01	
	Jersey (St. Aubin's)	29.79	46	S	1	bcm	29.84	+07	43	41	-2	SE	2	cm	2	f m b	52	40		
	Hurst Castle	29.83	45	SSE	4	b	29.88	+13	43	42	+1	E	3	bc	2	b	51	41		
BRITISH ISLANDS.	Dungeness	29.84	44	SW	1	bc	29.88	+09	43	42	-1	SSE	3	bcw	2	o bc	47	40	0.04	
	North Foreland	29.83	43	S	2	rg	29.92	+11	43	43	0	ESE	2	b	2	rg f	44	35	0.17	
	London	29.83	45	S	1	bc	29.90	+12	37	37	-5	SE	1	f	#	rs. o. bc	50	36	0.18	
	Oxford	29.84	42	SE	2	o	29.90	+10	37	36	0	ESE	1	om	#	o	48	34	0.02	
	Cambridge	29.85	41	SW	1	o	29.93	+12	35	35	-6	E	1	om	#	o	44	32		
BRITISH ISLANDS.	Yarmouth	29.82	40	SSW	3	of	29.92	+12	33	33	-6	WSW	2	f	3	of r	41	31	0.09	
	Cuxhaven	29.96	39	ESE	3	c	30.01	+07	35	34	-1	SE	3	m	#	c	40	33		
	Berlin	30.12	43	SE	3	b	30.18	+11	32	32	-7	ESE	4	b	#	b	52	30		
	Wiesbaden	#	#	#	#	#	30.03	+11	35	34	+1	Z	0	o	#	z	48	34		
	Munich	29.98	37	SW	1	m	30.04	+15	35	35	+4	SW	1	bc	#	m	45	30		
BRITISH ISLANDS.	The Helder	29.92	40	E	1	f	29.96	+08	39	39	+6	WSW	1	c	1	f	45	33		
	Brussels (9 a.m.)	#	#	#	#	#	30.00	+13	37	37	-4	ESE	2	f	#	o	55	33		
	Cape Gris Nez	29.81	43	SSW	1	c	29.86	+12	41	39	-4	S	3	b	3	c	46	37	0.12	
	Paris	29.92	45	SSE	2	b	29.97	+17	34	34	-10	SE	2	b	#	b	50	33	0.16	
	Brest	?	48	S	3	b	?	?	46	45	0	S	2	bc	4	c	50	45	0.12	
FRANCE AND BELGIUM.	Lorient	29.75	48	SE	3	o	29.78	+06	44	43	-1	ESE	2	m	5	o	52	46		
	Rochefort	29.82	49	SSE	4	b	29.84	+03	41	39	+2	SSE	4	b	#	b	55	39		
	Belfort	?	34	E	2	b	?	?	35	28	-6	E	2	b	#	b	52	29		
	Lyons	29.93	49	S	3	b	30.03	+14	36	36	-9	WNW	1	c	#	b	58	36	0.24	
	Nice	29.99	48	S	2	c	30.08	+11	41	40	-6	E	2	c	2	c	55	39	0.75	
PENINSULA.	Perpignan	29.90	49	NE	2	b	29.93	-01	50	44	+12	SW	3	o	#	b	57	38		
	Biarritz	29.83	55	SSW	3	b	29.83	+03	48	41	0	SW	1	b	1	b	61	39		
	Corunna	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
	Lisbon	29.86	51	Z	0	b	29.93	+09	44	43	-1	Z	0	bc	#	b	55	43	0.04	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

for 8 a.m. on *Thursday, 25th February, 1892.*

EXPLANATION OF MAP

Changes since previous morning are stated in words.

their barbs and feathers refer to force thus—

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

→ = force 5 t
⊙ = dead cable

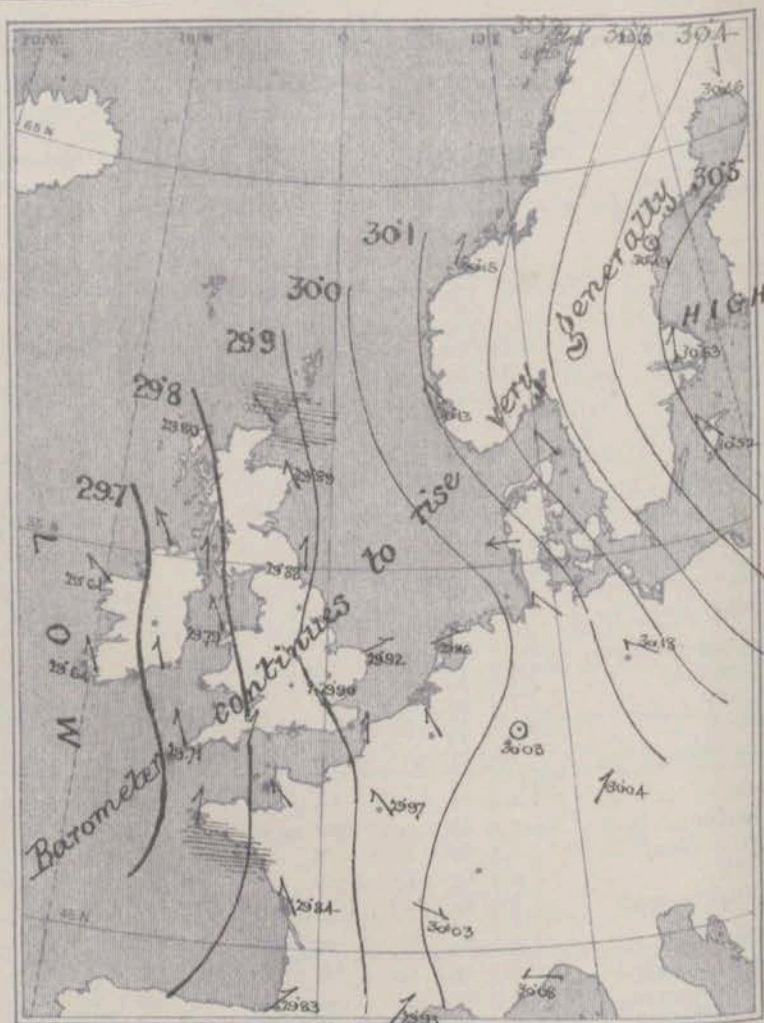
SEA DISTURBANCE—Where considerable, is shown thus:

 = Rough, = High.

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

During the 20 Years: 1871—1890.

	STATIONS.	MEAN READINGS.
		INS.
	Sumburgh Head	29.775
	Stornoway	29.773
	Wick	29.804
	Nairn	29.814
	Aberdeen	29.848
	Leith	29.870
	Shields	29.900
	Spurn Head	29.934
	York	29.939
	Loughborough	29.963
	Ardrossan	29.873
	Mullaghmore	29.854
	Donaghadee	29.884
	Holyhead	29.914
	Liverpool	29.934
	Parsonstown	29.906
	Valencia	29.919
	Roche's Point	29.916
	Pembroke	29.937
	Scilly	29.959
	Prawle Point	29.993
	Jersey	30.007
	Hurst Castle	29.986
	Dover	29.985
	LONDON	29.989
	Oxford	29.985
	Cambridge	29.979
	Yarmouth	29.964



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.

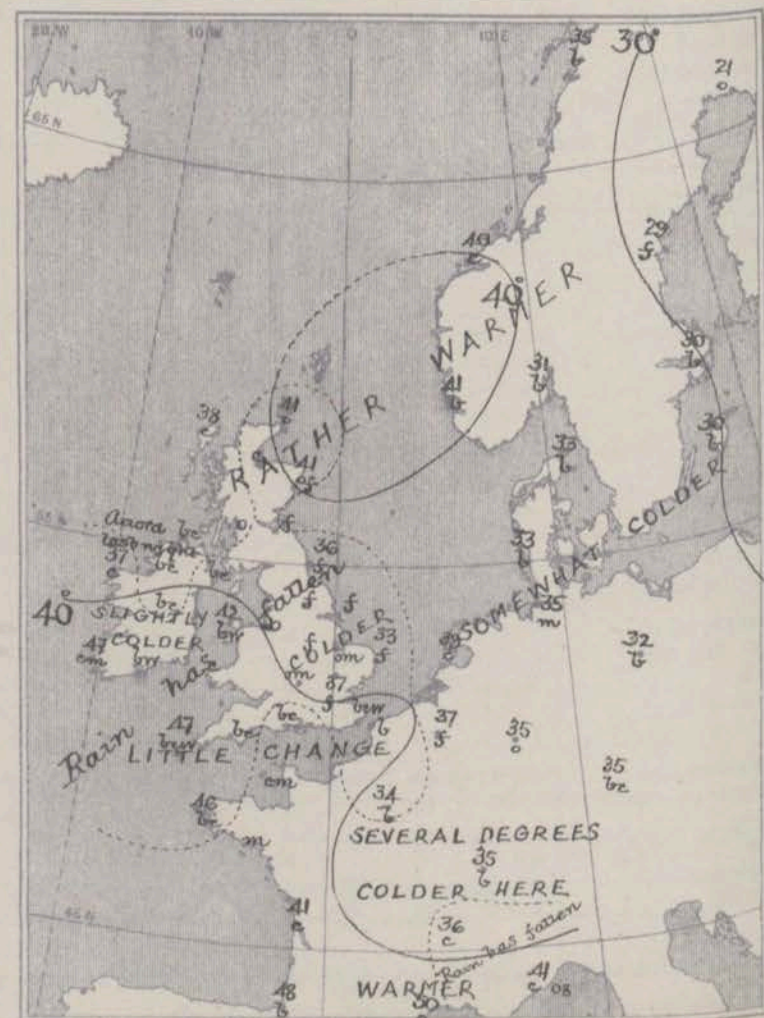
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0·5 in. or more are quoted in figures.

(For the month of February.)

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 4 a.m.		
			Dry.	Wet.	
Sunburgh Head.....	42·4	34·5	38·5	37·4	3·19
Stornoway	43·5	34·6	39·1	38·1	3·86
Wick.....	43·1	33·2	38·1	36·7	2·04
Nairn.....	43·4	33·4	37·1	35·4	1·48
Aberdeen.....	43·2	43·8	37·3	35·7	2·35
Leith.....	45·7	34·3	38·6	37·1	1·45
Shields.....	43·8	35·1	38·6	37·3	1·50
Spurn Head.....	42·3	35·9	38·4	37·6	1·36
York.....	44·6	33·9	37·5	36·4	1·70
Loughborough.....	45·3	33·9	37·5	36·4	1·78
Ardrossan.....	44·6	30·3	39·4	38·2	3·04
Mullaghmore.....	46·6	38·6	42·0	40·3	3·09
Donaghadee.....	45·5	36·9	40·3	39·3	2·42
Holyhead.....	45·5	38·7	41·5	40·1	2·60
Liverpool.....	44·5	36·2	38·9	37·3	1·69
Farnsworth.....	46·9	35·6	39·4	38·1	2·20
Valencia.....	49·7	40·7	44·5	42·0	4·95
Roche's Point.....	48·4	39·6	43·1	41·6	4·43
Pembroke.....	45·5	39·4	42·1	40·9	2·82
Scilly.....	48·9	42·8	46·0	44·4	2·71
Prawle Point.....	46·8	38·1	41·5	40·5	2·02
Jersey.....	46·9	39·3	42·3	41·0	2·55
Hurst Castle.....	45·7	36·7	40·3	39·3	2·25
Dover.....	44·4	36·1	39·2	38·1	1·95
LONDON.....	45·8	35·1	38·6	37·4	1·73
Oxford.....	45·0	34·9	37·9	36·8	1·92
Cambridge.....	45·5	32·8	37·3	36·2	1·46
Yarmouth.....	42·6	34·5	38·2	37·3	1·82

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, over the southern parts of Sweden.
Lowest, 29.6 ins. and less, in a depression lying off the west of Ireland.
Gradients, slight. Barometer rising generally, — most in the west.

TEMPERATURE

Highest, 50° at Loughman, 48° at Llanid, 47° at Valencia Island, Scilly, and Tralee Point, and 45° at Rock Point.
Lowest, 21° at Haparanda, 29° at Helsingfors, 30° at Stockholm and Visby, 31° at Yander, and 32° at Loughborough.
Frost occurred last night at some of our eastern stations.

WIND

Light or moderate from the SEth over the greater part of Western Europe, but light and variable over the north of Scandinavia, and also in the south of France.

WEATHER

Fine generally, but foggy over the eastern and central parts of Great Britain.
Rain fell yesterday in many parts of the United Kingdom and France, the largest amounts being 0.8 in. at Nies, and 0.3 in. at Loughborough and Valencia Island.
Aurora was seen at Mullaghmore last night.

SEA

Moderate to smooth generally, but rather rough at Wick.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather. Pressure is becoming very uniform, and fog is therefore likely to continue in many places.

FORECASTS

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

DISTRICTS.

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

FORECASTS.

SEth and Sth winds, light; fair generally, but local fogs.

SEth and Eth winds, light; fair generally, but local fogs.

DISTRICTS.

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

FORECASTS.

Eth winds, light, cloudy, some fog.

SEth winds, moderate, fair generally.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WVA.	SEA.		BAR.		THER.		WIND.	P.	WVA.	SEA.
		Dry.	Wet.	Dirac.							Dry.	Wet.	Dirac.			
Skudeenoes ...	30.05	44	42	Z	0	0	2	Valencia ...	29.42	49	46	SE	7	0	0	6
Sumburgh Head ...								Scilly ...	29.62	50	48	SSE	4	c	p	4
Stornoway ...	29.73	46	44	S	4	6	2	Jersey ...	29.79	49	47	SE	3	6	0	3
Aberdeen ...	29.86	41	40	SE	3	om	5	Hurst Castle ...	29.80	50	47	S	3	0	0	1
Shields ...	29.83	40	39	SSE	2	0	3	Dungeness ...	29.80	46	46	SE	2	0	0	2
Ardrossan ...	29.76	48	45	EHE	2	c	2	North Foreland ...	29.86	43	43	S	3	0	0	2
Malin Head ...	29.62	46	43	SSE	5	c	2	London ...	29.80	50	47	S	2	0	0	3
Mullaghmore ...	29.55	50	45	SE	6	bc	4	Yarmouth ...	29.79	41	40	SE	2	c	f	3
Balmullet ...	29.47	51	46	SE	6	b	3	Rocheport ...	29.83	51	49	SSE	4	0	0	4
Holyhead ...	29.72	50	45	SSE	4	b	3									

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

Weather in morning fine and bright over Russia and Central Europe, and at most stations in the west of our Islands, and the east of Spain; cloudy or overcast elsewhere, foggy and rainy in many parts of England. Slight rain later on our northern and southern coasts, rather larger quantities in the southeast of England, Belgium, and the north of France, and a heavy fall at Nice.

Temperature, ^{highest} 56° at Malta, 55° at Oran, Algiers and La Ceb, and 54° at Cagliari and Tunis; above 50° at most of the Mediterranean stations; (2) 48° at Valencia Island, 47° at Seville, and 46° at Rochefort and Pointe à Pitre. Lowest, 13° at Helsingfors, 15° at Archangel, 19° at Kuopio and St. Petersburg, and 23° at Havana and Moscow; below the freezing point over nearly the whole of Sweden, Russia and Austria, and very little above it over Central Spain. Rising later to 50° or rather more at several of our western and southern stations, to 55° and upwards in France, and to 61° at Lisbon.

Wind SE^{ly} over the United Kingdom, France, and all the more central parts of Europe; light or moderate in force generally, but strong in the west and south of Ireland. Light from the SE^{ly} over the northern parts of Russia, calm in the north of Sweden. Light and variable over Italy, chiefly S^{ly} in Spain and Algeria. No important change occurring during day.

Barometer highest 30.6 in. to 30.8 in. in an anticyclone lying over Russia, lowest 29.4 in. and less, in a depression lying off the southwest of Ireland; shallow secondary disturbances lying off the south of England, and others reported over South Germany and the east of France. Small disturbances over our southern counties subsequently moving slowly northwards, no other change reported.

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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

Friday, 26th February,

1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																			
STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										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.	Change since Yesterday Morn.		Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Max.	Min.						
		Inch.	°	Dir.	Force (0 to 12).		Inch.	°	°	°	°	Dir.	Force (0 to 12).			°	°	Inch.	
SCANDINAVIA.	Haparanda ...	30.44	21	Z	0	0	30.37	- .09	25	25	+ 4	SW	2	0	#	0	27	18	
	Hernösand ...	30.50	21	Z	0	5	30.42	- .07	27	27	- 2	Z	0	0	#	0	30	19	
	Stockholm ...	30.53	28	Z	0	6	30.50	- .03	25	24	- 5	Z	0	0	#	0	41	27	
	Wisby ...	30.50	32	SSE	4	6	30.49	- .03	29	28	- 1	SE	4	0	#	0	41	27	
	Bodö ...	30.22	34	E	2	c	30.22	+ .02	32	29	- 3	ESE	2	0	1	c	37	28	
	Christiansund...	30.18	37	E	1	6	30.19	+ .04	32	30	- 8	ESE	1	0	2	6	45	32	
	Skudesnaes ...	30.15	39	ESE	4	6	30.27	+ .14	40	37	- 1	SE	4	0	4	6	46	37	
	Christiania Fjord	30.34	36	N	4	6	30.38	+ .02	29	28	- 2	N	3	0	1	6	36	28	
	(Fierder)																		
	Skagen (The Scaw)	30.31	38	SE	4	6	30.28	- .02	32	31	- 1	SE	3	0	1	6	36	30	
Fanö ...	30.13	36	ESE	4	c	30.18	+ .14	34	33	+ 1	E	4	0	#	c	37	32		
BRITISH ISLANDS.	Sumburgh Head																		
	Stornoway ...	29.86	40	Z	0	0	29.97	+ .17	36	36	- 2	Z	0	0	3	bc 0	47	32	
	Wick ...	29.87	42	Z	0	m	30.01	+ .15	38	37	- 3	SW	1	0	6	m	43	37	
	Nairn ...	29.88	33	Z	0	f	29.99	+ .16	30	28	- 5	Z	0	bc f	1	f	40	26	
	Aberdeen ...	29.93	39	S	2	om	30.08	+ .19	38	38	- 3	ESE	2	om	4	om	42	37	0.01
	Leith ...	29.93	37	E	1	m	30.05	+ .16	34	34	0	Z	0	m	#	m	39	32	0.01
	Shields ...	29.94	40	S	2	f	30.05	+ .17	38	38	+ 2	E	2	f	3	cm fr	42	34	0.01
	Spurn Head ...	29.95	35	ESE	1	f	30.08	+ .17	35	35	0	SE	3	f	2	f	36	33	0.01
	York ...	29.97	40	ESE	1	6	30.10	+ .18	36	36	- 1	E	1	f	#	0	40	34	0.01
	Loughborough	29.91	41	E	1	0	30.03	+ .15	36	35	+ 4	ESE	2	0	#	0	47	32	0.01
GERMANY & HOLLAND.	Ardrossan ...	29.86	41	EHE	3	cj	30.01	+ .17	37	36	- 1	EHE	2	0	1	f c	44	36	
	Malin Head ...	29.79	45	SSE	4	cm	29.92	+ .21	41	41	0	SSE	4	om	1	bc m	50	40	
	Mullaghmore ...	29.76	46	E	2	bc	29.91	+ .22	40	39	- 3	E	4	c	2	c bc	50	40	
	Belmullet ...	29.71	46	SE	1	6	29.87	+ .26	39	38	+ 2	SE	1	6	#	c b	51	38	
	Donaghadee ...	29.86	44	S	3	c	29.98	+ .19	42	42	- 2	ESE	3	c	2	c	46	42	
	Liverpool (Bidston)	29.91	41	SE	3	0	30.02	+ .17	40	39	+ 2	ESE	3	c	3	0	44	38	0.16
	Holyhead ...	29.84	46	SSE	2	cj	29.96	+ .17	41	39	- 1	ESE	1	bc w	2	og c	51	38	
	Parsonstown ...	29.68	44	Z	0	6	29.85	+ .13	42	41	0	Z	0	+	#	6	50	39	0.17
	Valencia ...	29.73	47	ESE	4	bc v	29.87	+ .23	38	37	- 9	NE	1	bm	1	bc v	50	35	
	Roche's Point	29.76	45	SSE	5	c	29.82	+ .12	43	41	- 2	NW	4	6	4	c p	50	41	0.80
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.81	44	SE	2	bc	29.92	+ .18	43	42	0	SE	4	cj	4	bc	47	41	0.05
	Scilly ...	29.71	48	SSE	4	c	29.90	+ .19	48	47	+ 1	WSW	1	bc	4	c	52	44	0.02
	Prawle Point ...	29.85	46	SE	1	c	29.98	+ .18	47	45	0	SSW	1	c w	1	f c l	49	44	
	Jersey (St. Aubin's)	29.88	46	SSE	1	om	30.02	+ .18	44	43	+ 1	ESE	3	cj	3	cm p	49	40	0.24
	Hurst Castle ...	29.89	44	ESE	1	cj	30.02	+ .14	44	43	+ 1	S	1	6	2	c p	51	42	0.04
	Dungeneus ...	29.93	45	S	1	6	30.02	+ .14	40	40	- 3	ESE	3	f	1	6	50	38	
	North Foreland	29.94	45	SE	2	6	30.06	+ .14	38	38	- 5	E	1	f	2	6	46	37	
	London ...	29.95	48	SE	2	bc	30.05	+ .15	37	37	0	E	1	f	#	65. bc	54	35	
	Oxford ...	29.93	45	ESE	1	0	30.03	+ .13	39	38	+ 2	E	1	0	#	op	50	33	
	Cambridge ...	29.94	44	ESE	1	bc	30.10	+ .17	36	36	+ 1	E	1	0	#	bc	52	32	
PENINSULA.	Yarmouth ...	29.97	36	SE	2	f	30.05	+ .13	36	36	+ 3	E	2	f	4	f	37	31	0.02
	Cuxhaven ...	30.08	36	SE	2	f	30.14	+ .13	35	34	0	E	2	bc	#	f	40	34	0.08
	Berlin ...	30.21	40	SE	4	6	30.20	+ .02	31	30	- 1	SE	3	6	#	6	46	30	
	Wiesbaden ...	#	#	#	#	#	30.04	+ .01	41	39	+ 6	SE	1	0	#	6	?	?	
	Munich ...	30.02	36	NE	4	6	30.04	.00	33	32	- 2	W	3	0	#	6	46	30	
	The Helder ...																		
	Brussels (9 a.m.)	#	#	#	#	#	30.07	+ .07	41	40	+ 4	SE	1	+	#	c	50	35	0.04
	Cape Gris Nez	29.94	47	SSE	2	6	29.98	+ .12	38	37	- 3	SE	1	6	1	6	54	32	
	Paris ...	29.95	46	E	2	6	30.05	+ .08	32	32	- 2	SW	1	bc	#	6	57	31	
	Brest ...	?	48	S	2	c	?	?	47	45	+ 1	WSW	2	c	3	c	52	43	0.04
FRANCE AND BELGIUM.	Lorient ...	29.86	47	SSW	1	bc	29.97	+ .19	48	46	+ 4	S	3	0	3	bc	52	44	
	Rochefort ...	29.93	48	WSW	3	0	30.06	+ .22	45	42	+ 4	ESE	3	bc	#	0	55	39	
	Belfort ...	?	35	E	2	6	?	?	41	38	+ 6	E	2	6	#	6	59	31	
	Lyons ...	30.01	45	S	1	0	30.10	+ .07	38	37	+ 1	NHE	1	6	#	0	49	36	
	Nice ...	30.02	45	EHE	6	+	29.99	- .09	39	38	- 2	E	2	6	1	+	52	37	0.55
	Perpignan ...	30.00	46	SE	2	+	30.08	+ .13	38	38	- 12	SW	2	6	#	+	51	38	0.04
	Biarritz ...	29.98	48	ESE	3	6	30.04	+ .21	37	36	- 11	SSE	3	6	2	6	55	36	0.12
	Corunna ...	#	#	#	#	#													
	Lisbon ...	29.95	50	N	2	bc	29.73	- .20	48	44	+ 4	EHE	5	0	+	bc	55	44	

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Friday, 26th February 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.

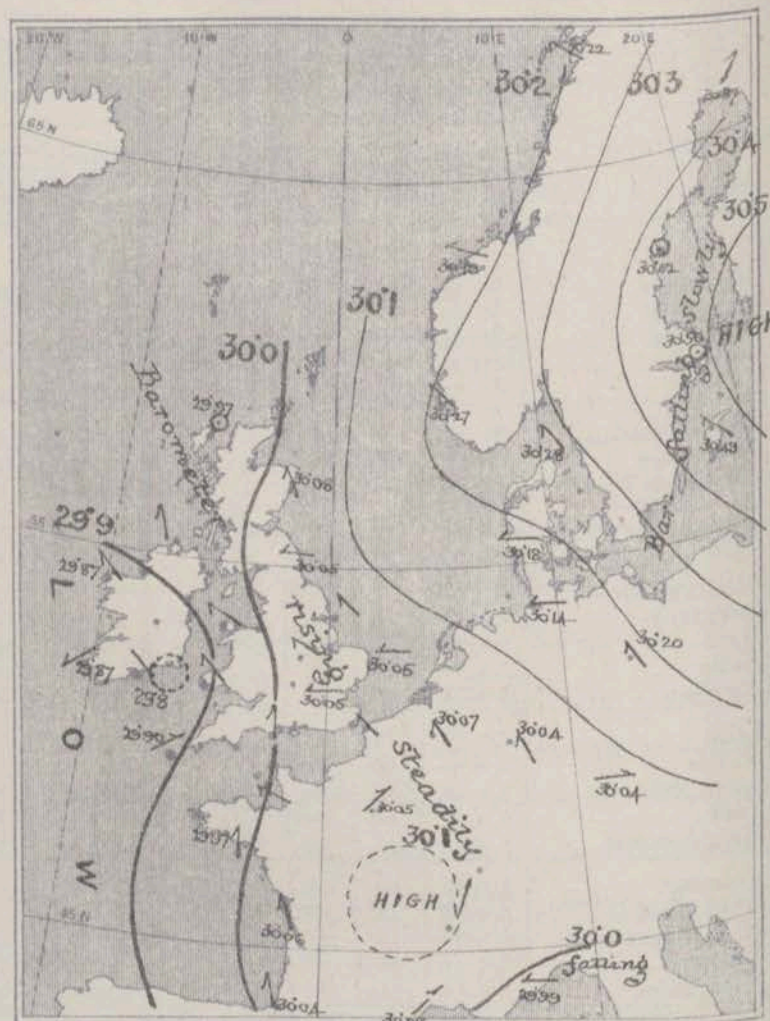
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of February.
During the 25 Years: 1871—1890.

STATIONS.

MEAN READINGS.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghnore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.966
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

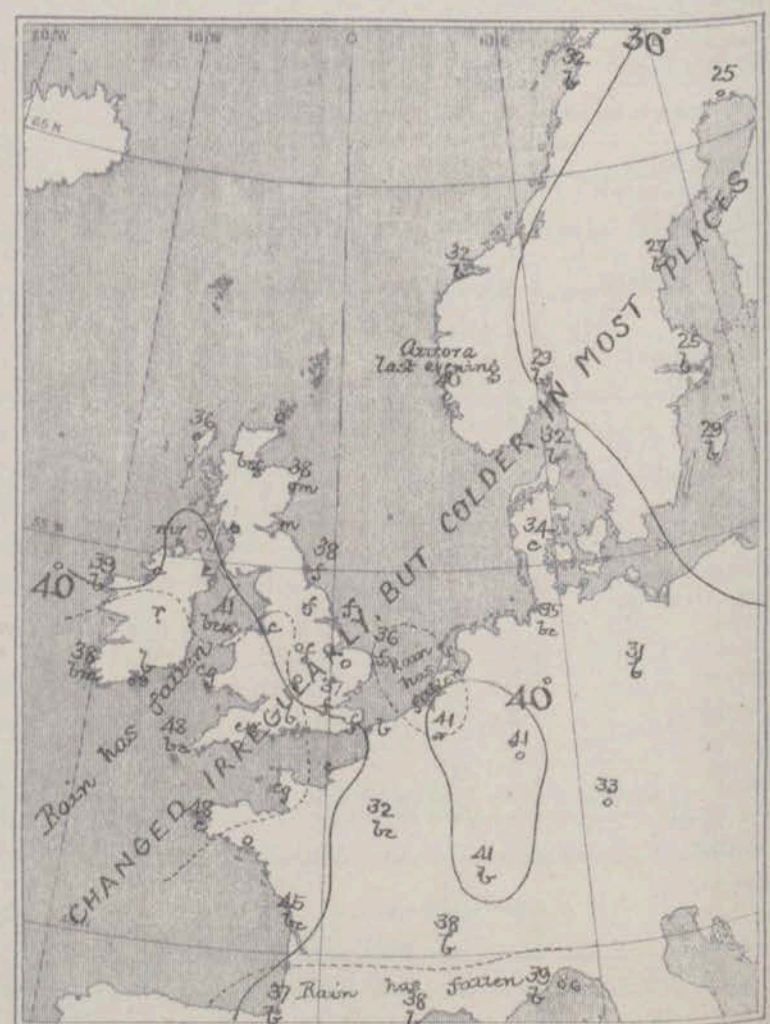
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (inches)
	Max.	Min.	Day.	Night.	
Sumburgh Head	42.1	34.5	38.5	37.1	2.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.1	37.0	1.36
York	44.3	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	36.3	39.4	38.2	3.04
Mullaghnore	45.6	38.6	42.0	40.3	3.65
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.29
Valencia	49.7	49.7	44.6	42.9	1.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.1	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.6	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	39.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.9	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.45
Yarmouth	42.6	34.6	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.5 in. and more to 30.7 in. over the Baltic, Scandinavia, and Denmark.
 Lowest, 29.7 in. in the extreme southwest of Spain; 29.9 in. and less, over Ireland.
 Gradients slight and irregular.
 Barometer still rising a little in most places, but appears to be falling over Sweden and the Baltic.

TEMPERATURE

Highest, 48° at Lisbon, Seville, and Seilly, 43° at Rocher Point.
 Lowest, (1) 25° to 28° at the Swedish stations, 32° at Christiania and (2) 31° at Berlin, 32° at Paris, 37° in London.
 It rose to between 50° and 54° in many parts of our islands yesterday and to 59° at Paris.

WIND

Calm at several of the Swedish and Scotch stations, mainly SE² to S² elsewhere, and light in force.
 In the south of Ireland, however, it is very light from the N⁴, while at Lisbon it is NE².

WEATHER

Cloudy or overcast in many parts of our islands, with fog in the northeast and east; rain at Barcelona.
 Slight showers have again fallen in the north and west, and in many parts of France.
 Rain has again fallen in considerable quantity over the southwest of our islands as well as at Aker.

SEA

Rather rough off the northeast of Scotland, moderate off our southwestern coasts, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The high pressure area recently prevailing over Russia and Northern Europe seems to be giving way, so that a permanent change of weather is probable before long.

FORECASTS

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

DISTRICTS.

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

FORECASTS.

SE² and S² airs and calms; fair as a whole, but damp fogs occasionally.
 Varying SE² to SW² winds; dull, foggy or misty, with drizzle at times.

DISTRICTS.

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

FORECASTS.

Varying light breezes, mainly S² (SE to SW), dull, changeable, damp.

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.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudeanaes ...	30.13	46	38	NSE	5	b	3	Valencia ...	29.70	50	47	SE	5	bc	4
Stumburgh Head								Scilly ...	29.74	50	47	SE	4	c	3
Stornoway ...	29.85	47	46	S	8	bc	3	Jersey ...	29.87	47	45	SE	3	c q p	3
Aberdeen ...	29.91	42	40	SW	1	o	4	Hurst Castle ...	29.90	47	45	S	3	c	1
Shields ...	29.92	40	39	S	8	cm	3	Dungeness ...	29.92	48	47	S	1	b	2
Ardrossan ...	29.86	42	41	ENE	3	of	2	North Foreland ...	29.94	46	45	SE	2	b	#
Malin Head ...	29.71	50	46	SE	4	bc	2	London ...	29.91	50	47	S	2	f	3
Mullaghmore ...	29.75	48	45	SE	4	c	2	Yarmouth ...	29.95	47	36	S	2	f	3
Belmullet ...	29.72	51	48	SE	2	c	#	Rochefort ...	29.87	55	49	S	3	c	#
Holyhead ...	29.83	48	44	SSE	3	og	2								

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

Weather fine over the greater part of our Islands and the Continent, but foggy over the eastern and central parts of Great Britain. Drizzle over the north of Russia, raining at some of the Spanish and Algerian stations, as well as at Naples. Fog clearing later in many parts of our eastern districts, rain falling in the southwest of our Islands and also in the south of France; lightning seen at Marseilles at night.

Temperature highest 62° at Algiers, 57° at Malta, and 56° at Oran, La Felle, and Tunis, above 50° at many of the Mediterranean and Adriatic stations and above 45° on the extreme southwest ^{coasts} of our Islands. Lowest 17° at St. Petersburg, 18° at Moscow, 20° at Riga and Kharkov, 21° at Haparanda, and 22° at Archangel, below the freezing point at nearly all the Swedish, Russian and Austrian stations, and just touching that level in some parts of England and Germany. Rising during day to 50° or a little above at several of our western and southern stations, and exceeding 55° over central France.

Wind light or moderate from the SE^{ly} over the whole of northwestern and central Europe. Light from the West or NW^{ly} over the north of Russia, but NE^{ly} in the south of that country. Variable over Spain, Italy, and the south of France, but S^{ly} (SE to SW) in Algeria. Subsequently veering to the SW^{ly} in the west of France, no important change elsewhere.

Barometer highest 30.6 mm. and upwards, in an anticyclone lying over Russia. Lowest, 29.6 mm. and less, in a depression lying off the west of Ireland, 29.9 mm. and less, in a shallow disturbance over Algeria. One or two small and very shallow low-pressure systems lying apparently over the Netherlands and the North Sea. Slight fall of barometer taking place later in the southwest of England as another small disturbance advanced from the southward.

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.
The evening observations are taken at 8 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for

Saturday, 27th February,

1892.

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

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		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.				
STATIONS.		BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		SHADE TEMP.			WIND.		SEA (0 to 9).	SHADE TEMP.			AMOUNT of Rainfall.			
		Reading at 32° F. and Sea Level.	Dry Bulb.	Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 12).		Weather.	Max.	Min.				
		Ins.					Ins.											Ins.			
SCANDINAVIA.																					
Haparanda ...		30.23	22	SW	2	O	30.16	-2.1	18	18	-7	HW	2	f	#	0	27	?	-		
Hernösand ...		30.33	22	S	2	b	30.32	-10	9	9	-18	Z	0	b	#	0	34	5	-		
Stockholm ...		30.44	26	Z	0	b	30.38	-12	22	21	-3	SW	2	f	#	0	39	21	-		
Wiaby ...		30.44	30	SE	4	b	30.38	-11	31	30	+2	SSE	4	b	#	0	37	25	-		
Bodö ...		30.11	35	ESE	2	bc	30.20	-0.2	35	33	+3	SE	1	O	1	bc	36	32	-		
CHRISTIANIA.																					
Christiansund...		30.28	39	E	1	bc	30.26	+0.7	34	31	+2	ESE	1	b	2	bc	41	34	-		
Skudesnaes ...		30.28	36	E	1	O	30.23	-0.4	36	34	-4	ESE	1	O	2	O	41	34	-		
Christiania Fjord (Færdier)		30.37	27	N	4	O	30.31	-0.7	23	23	-6	NNE	5	O	1	O	29	21	-		
Skagen (The Seaw)		30.28	33	E	4	b	30.24	-0.4	31	29	-1	ESE	3	b	1	b	34	28	-		
Fanø ...		30.14	32	ESE	4	c	30.08	-1.0	33	33	-1	ESE	3	c	#	c	39	32	-		
BRITISH ISLANDS.																					
Sumburgh Head		30.06	44	Z	0	O	30.15	+18	35	35	-1	N	2	f	3	c	47	30	-		
Stornoway ...		30.04	42	SSW	2	bc	30.17	+16	38	37	0	Z	0	O	2	bc	43	35	-		
Wick ...		29.87	35	WSW	1	m	30.16	+17	25	24	-5	WSW	1	bm	1	m	40	24	-		
Nairn ...		30.16	40	SSE	2	om	30.21	+13	37	36	-1	SW	1	om	3	om	40	36	-		
Aberdeen ...		30.11	39	NE	1	f	30.19	+14	34	34	0	S	1	m	#	f	46	32	-		
Leith ...		30.14	36	ESE	2	f	30.15	+10	37	37	-1	HW	1	f	3	f	40	34	-		
Shields ...		30.12	35	E	2	f	30.12	+0.4	37	36	+2	HW	2	O	2	f	37	34	-		
Spurn Head ...		30.13	38	E	1	O	30.17	+0.7	36	36	0	HW	1	O	#	O	40	34	0.01		
York ...		30.10	38	ESE	1	O	30.14	+1.1	34	33	-2	ESE	2	O	#	O	39	32	0.01		
Loughborough		30.08	42	ESE	2	of	30.18	+17	36	35	-1	ESE	2	O	1	fo	43	35	-		
ARDROSSAN.																					
Ardrossan ...		30.03	43	SE	3	om	30.10	+18	41	41	0	SSE	3	om	1	om	45	40	-		
Malin Head ...		29.98	45	ESE	4	om	30.09	+18	42	41	+2	ESE	1	om	2	om	46	40	-		
Mullaghmore ...		29.95	45	SE	1	O	30.08	+2.1	41	41	+2	SE	1	O	#	co	48	37	-		
Belmullet ...		30.05	45	ESE	2	bc	30.15	+17	40	39	-2	SSE	4	f	2	bc	47	38	-		
Donaghadee ...		30.00	39	SE	3	c	30.16	+14	37	35	-3	E	2	O	2	c	43	37	-		
LIVERPOOL.																					
Liverpool (Bidston)		30.05	46	S	1	b	30.12	+16	38	38	-3	ESE	4	mgw	3	cb	52	38	-		
Holyhead ...		29.99	44	Z	0	c	30.08	+13	30	30	-12	Z	0	bc	#	c	49	28	0.02		
Parsonstown ...		29.99	48	SE	2	b	30.02	+15	44	41	+6	NE	2	cy	2	bcv	53	36	-		
Valencia ...		30.00	47	WSW	2	b	30.03	+2.1	44	42	+1	E	3	c	3	b	51	38	-		
Roche's Point		30.03	44	SE	2	b	30.07	+15	40	39	-3	ESE	4	om	4	b	47	39	-		
Pembroke (St. Ann's Hd.)		30.00	47	SSW	1	b	29.94	+0.4	49	45	-1	E	5	c	3	b	55	44	-		
Scilly ...		30.05	45	ESE	2	O	30.04	+0.6	41	40	-6	E	5	ogm	4	co	52	40	-		
Prawle Point ...		30.06	46	E	1	b	30.02	-0.0	42	41	-2	ESE	5	ogm	4	bc	50	39	-		
Jersey (St. Aubin's)		30.09	43	WNW	1	b	30.11	+0.9	38	37	-6	E	4	m	2	bf	50	37	-		
Hurst Castle ...		30.06	42	E	3	f	30.09	+0.7	40	40	0	ESE	3	od	1	f	42	37	0.01		
Dungeness ...		30.09	38	E	2	f	30.11	+0.5	37	36	-1	NE	3	ogm	3	mf	38	36	-		
North Foreland		30.12	41	E	1	om	30.13	+0.8	36	35	-1	E	1	ogm	#	gf om	45	36	-		
London ...		30.13	40	E	1	O	30.15	+1.2	34	34	-5	NE	2	og	#	O	44	34	-		
Oxford ...		30.11	40	ESE	1	O	30.17	+0.7	35	35	-1	NE	1	O	#	O	42	33	?		
Cambridge ...		30.09	37	E	2	f	30.11	+0.6	37	37	+1	WNW	2	f	3	f	38	33	0.02		
Yarmouth ...		30.12	37	ESE	2	bc	30.08	-0.6	36	35	+1	SE	1	f	#	bc	38	34	-		
GERMANY & HOLLAND.																					
Cuxhaven ...		30.16	39	SE	3	b	30.15	-0.5	31	30	0	ESE	3	b	#	b	45	50	-		
Berlin ...		#	#	#	#	#	30.09	+0.5	37	36	-4	Z	0	f	#	#	45	34	-		
Wiesbaden ...		30.10	35	NE	2	f	30.08	+0.4	35	35	+2	Z	0	c	#	f	39	33	0.20		
Munich ...		30.12	37	NE	1	c	30.12	-0.1	36	35	0	WNW	1	c	1	c	39	36	-		
The Helder ...		#	#	#	#	#	30.12	+0.5	35	35	-6	NE	1	f	#	f	53	34	0.04		
FRANCE AND BELGIUM.																					
Brussels (9 a.m.)		30.05	38	ESE	3	f	30.06	+0.8	39	39	+1	ESE	3	f	3	f	43	37	-		
Cape Gris Nez		30.08	47	ESE	2	b	30.07	+0.2	32	32	0	NE	2	bc	#	bc	56	32	-		
Paris ...		?	50	Z	0	b	?	?	44	42	-3	ESE	4	c	3	O	57	41	-		
Brest ...		30.02	48	SSE	1	c	29.87	-10	43	41	-5	E	4	b	3	c	55	43	-		
Lorient ...		30.01	51	ESE	2	b	29.87	-19	41	39	-4	E	5	b	#	b	61	39	-		
Rochefort ...		?	32	E	2	b	?	?	32	29	-9	E	2	f	#	b	54	27	-		
Belfort ...		30.08	?	WNW	?	?	30.06	-0.4	36	34	-2	WNW	1	b	#	?	55	35	-		
Lyons ...		30.06	45	N	1	b	30.07	+0.8	41	39	+2	E	1	bc	1	b	54	39	-		
Nice ...		30.04	47	SE	2	b	29.93	-15	48	46	+10	SE	2	O	#	b	57	36	-		
Perpignan ...		29.91	54	E	3	b	29.73	-31	44	41	+7	ESE	4	O	1	b	61	37	-		
Biarritz ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-		
PENIN- SULA.																					
Corunna ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-		
Lisbon ...		#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-		

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on *Saturday, 27th February, 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.

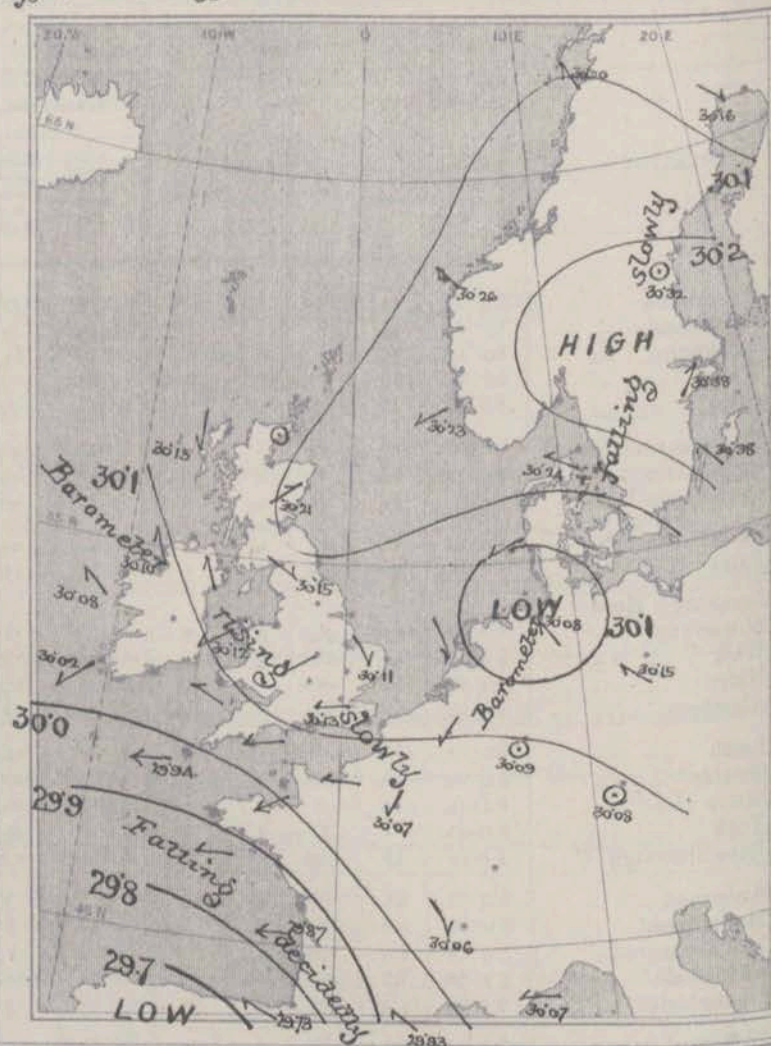
SEA DISTURBANCE—Where considerable, is shown thus:

— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.911
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Silly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.989
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

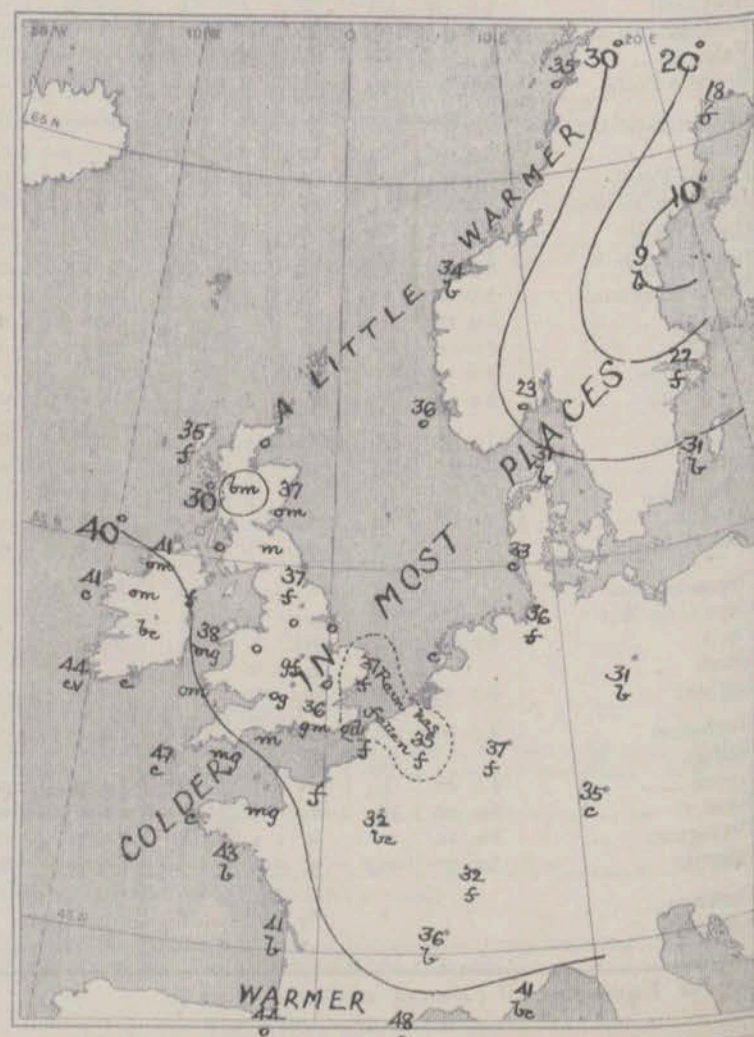
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.4	34.5	38.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	34.9	38.4	37.6	1.36
York	44.6	33.0	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	33.3	39.4	38.2	3.04
Mullaghmore	45.6	38.0	42.0	40.3	3.09
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	38.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.41
Pembroke	45.5	39.4	42.1	40.9	2.82
Silly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.5	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	35.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and more to 30.2 ins. over Scandinavia and the east of Scotland.

Lowest, 29.7 ins. and less, over the Iberian Peninsula, 30.1 ins. and less over Holland.

Gradients slight in our Islands, moderate over the Bay of Biscay, and becoming very irregular.

Barometer falling over the Bay of Biscay, France, and our southwest coast, as well as over Germany, rising at our northern and northeastern stations.

TEMPERATURE

Highest, 48° at Liverpool, 47° at Sully, 44° at Valence Island, Rocher Point, and Biarritz.

Lowest, 9° at Huelva, 15° at Haparanda, 23° at Lander, 25° at Nain, 30° at Parsonstown.

It is falling over our Islands and France generally.

WIND

Very light and variable over Norway, Scotland, and the northeast of England, but freshening from the E. at our Channel stations and over the Bay of Biscay.

The SE wind is still holding at our northwestern stations.

WEATHER

Fair over the northern half of our Islands, and also over France and Germany; very hazy, dull, and gloomy over the southern parts of England.

Rain has fallen at very few stations and in small quantity.

SEA

Moderate off our southeastern coasts, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A depression seems to be spreading northwards from Spain towards our southern coasts, and may possibly cause strong winds or gales there.

FORECASTS

For the 24 hours ending at NOON on 28th February 1892.

DISTRICTS.

FORECASTS.

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

Calm and SE^{ly} winds; fair to unsettled and colder.

E^{ly} winds, increasing; dull, unsettled, some cold showers.

DISTRICTS.

FORECASTS.

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

SE^{ly} winds, light to moderate; fair.

Same as No^s 3 to 5.

Same as No^s 6 and 7.

NE^{ly} winds, increasing; cold showers.

At 10.30 am to districts 5 and 8. Hoist North 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. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaas ...	30.28	41	58	E	2	0	3	Valencia ...	29.96	52	48	SSW	2	b c v	2
Sunburgh Head								Scilly ...	29.98	52	49	S	1	b	4
Stornoway ...	30.04	47	46	Z	0	c	2	Jersey ...	30.07	49	47	SSC	3	b c	3
Aberdeen ...	30.14	40	39	SSE	2	om	4	Hurst Castle ...							
Shields ...	30.15	39	39	ESE	1	f	3	Dungeness ...	30.07	42	42	ESE	3	f m	1
Ardrossan ...	30.07	43	42	ESE	2	of	1	North Foreland ...	30.10	38	38	E	2	q m	2
Malin Head ...	29.99	45	43	SE	3	o	1	London ...	30.09	42	41	E	2	q m	3
Mullaghmore ...	29.96	46	44	E	4	om	2	Yarmouth ...	30.08	38	38	ESE	2	f	3
Balmullet ...	29.96	46	44	SE	2	c	2	Rochefort ...	30.08	57	51	SE	3	f	3
Holyhead ...	30.03	50	46	SSE	3	c	2								

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

Weather fine at some of our western stations, as well as in Scandinavia, Denmark, Germany, France, and Austria. Dull elsewhere, with fog in the eastern and southeastern parts of Great Britain, as well as over Finland, snow at Archangel and with rain at several of the Italian stations. No important change occurring over Western Europe during day, but rain setting in at Lisbon.

Temperature 57° at Algiers, Algiers, and La Calle, 56° at Palermo and Tunis, and 55° at Oran and Malta, above 50° at most of the Mediterranean stations, and above 45° in the southwest of England and the northwest of France. Lowest 3° at Helsingfors, 14° at Hango, 16° at Riga, and 20° at Lemberg and Stankov, below the freezing point over northern and eastern Europe generally, as well as over Central Scotland. Rising during day to between 50° and 55° on several parts of our western and southwestern coasts and exceeding 60° in the west of France, but remaining below 40° at some of our eastern stations.

Wind light or moderate from the SE^{wd} over the greater part of western and central Europe, and strong from the same quarter in Italy with a gale at Rome. Calm or variable over Sweden and northern Russia, light from the N^{wd} or NE^{wd} in the south of Russia; NE³ in Spain; variable in Algeria. Subsequently backing to the E^{wd} or NE^{wd} over the greater part of France.

Barometer highest 30.4 ins. to 30.5 ins. and upwards, in a large anticyclone lying over Russia and a considerable portion of Sweden. Lowest 29.7 ins. and less, in a depression lying to the southward of the Spanish Peninsula. Depression subsequently spreading northwards and barometer beginning to fall somewhat decidedly over France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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 Sunday 28th February,

1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																			
		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (10 to 9).	SHADE TEMP.		Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (10 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (10 to 12).		Max.	Min.			
		Inch.	°				Inch.	°	°	°							Inch.		
SCANDINAVIA.	Haparanda ...	30.14	16	Z	0	0	30.13	-0.03	17	16	-	1	Z	0	f	#	25	16	-
	Hernösand ...	30.33	16	Z	0	0	30.25	-0.07	8	8	-	1	Z	0	bc	#	27	5	-
	Stockholm ...	30.30	16	Z	0	0	30.28	-0.02	15	15	-	1	Z	0	f	#	30	15	-
	Wisby ...	30.28	30	S	4	0	30.17	-0.11	26	18	-	2	SE	4	f	#	41	27	-
	Bodö ...	30.18	24	E	2	0	30.18	-0.02	36	35	+	1	N	1	r	#	36	36	0.39
SCANDINAVIA.	Christiansund...	30.19	33	ESE	1	0	30.12	-0.07	31	29	-	3	ESE	1	bc	2	39	30	-
	Skudesnaes ...	30.15	36	Z	0	0	30.08	-0.07	33	32	-	3	Z	0	bc	2	36	33	-
	Christiania Fjord (Færder)	30.19	37	NNE	4	0	30.15	-0.04	20	10	-	3	NNE	5	0	1	28	19	-
	Skagen (The Scaw)	30.14	31	E	3	0	30.04	-0.10	29	18	-	2	E	3	bc	1	34	27	-
	Fanö ...	30.02	33	E	4	0	29.95	-0.07	34	33	+	1	ENE	4	0	#	37	32	-
SCANDINAVIA.	Sumburgh Head																		
	Stornoway ...	30.17	40	Z	0	0	30.12	-0.05	28	21	-	2	N	2	bc	3	45	30	-
	Wick ...	30.15	39	W	1	0	30.09	-0.06	36	35	-	2	W	1	0	2	42	35	0.02
	Nairn ...	30.16	35	Z	0	0	30.08	-0.08	36	35	+	1	W	1	of	1	36	34	0.01
	Aberdeen ...	30.19	38	ENE	2	0	30.08	-0.11	36	35	-	1	NW	2	bm	4	41	34	0.02
SCANDINAVIA.	Leith ...	30.16	39	SE	1	0	30.08	-0.08	37	36	+	3	SE	1	c	#	42	33	0.01
	Shields ...	30.11	40	N	1	0	30.00	-0.11	39	36	+	2	N	3	c	4	40	35	0.01
	Spurn Head ...	30.06	38	NNW	2	0	29.98	-0.08	38	37	+	1	N	2	0	3	40	36	0.02
	York ...	30.02	40	NNE	1	0	29.99	-0.01	38	37	+	2	N	1	0	#	43	34	0.02
	Loughborough	30.07	41	NNE	2	0	29.98	-0.09	36	35	+	2	NNE	1	om	#	42	34	-
BRITISH ISLANDS.	Ardrossan ...	30.16	37	Z	0	0	30.08	-0.08	38	36	+	2	Z	0	bc	0	38	34	-
	Malin Head ...	30.13	40	ESE	2	0	30.07	-0.06	40	38	-	1	ENE	3	om	1	43	35	-
	Mullaghmore ...	30.09	43	ENE	5	0	30.05	-0.04	40	37	-	2	E	5	0	3	47	38	-
	Belmullet ...	30.06	43	SE	1	0	30.02	-0.04	39	37	-	2	SE	3	0	#	47	37	-
	Donaghadee ...	30.06	40	ESE	3	0	30.07	-0.09	39	35	-	1	E	5	bc	3	40	39	-
BRITISH ISLANDS.	Liverpool (Bidston)	30.11	40	SE	1	0	30.01	-0.10	37	35	-	0	NE	1	0	2	40	36	-
	Holyhead ...	30.07	38	ENE	4	0	30.00	-0.07	38	36	-	0	ENE	4	cm	4	43	38	-
	Parsonstown ...	30.06	40	NE	1	0	29.97	-0.09	39	36	+	4	NE	1	0	#	46	39	-
	Valencia ...	29.95	46	ENE	4	0	29.85	-0.10	40	37	-	4	ENE	4	cm	4	50	37	-
	Roche's Point	29.98	44	E	5	0	29.89	-0.09	41	40	-	3	E	6	cm	5	46	40	-
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.98	39	ESE	4	0	29.90	-0.08	35	34	-	5	ENE	4	eg	3	43	35	-
	Scilly ...	29.82	44	ENE	6	0	29.74	-0.08	44	41	-	3	ENE	6	om	6	47	40	-
	Prawle Point ...	29.93	38	ENE	6	0	29.85	-0.08	37	36	-	4	ENE	7	om	6	42	36	-
	Jersey (St. Aubin's)	29.89	42	ENE	5	0	29.78	-0.11	41	40	-	1	ENE	5	om	5	46	39	-
	Hurst Castle ...	30.02	38	E	6	0	29.90	-0.12	37	35	-	1	E	5	bc	2	39	35	-
BRITISH ISLANDS.	Dungeness ...	30.01	40	ENE	4	0	29.91	-0.10	39	37	-	1	NE	3	c	2	40	36	-
	North Foreland	30.03	39	NE	2	0	29.94	-0.09	39	37	+	2	NE	2	0	3	39	35	-
	London ...	30.05	40	E	2	0	29.92	-0.13	38	36	+	2	NE	1	c	#	40	34	-
	Oxford ...	30.05	39	E	1	0	29.95	-0.10	35	33	+	1	NE	1	c	#	41	33	-
	Cambridge ...	29.98	40	N	1	0	29.95	-0.03	36	35	+	1	N	1	0	#	44	32	-
BRITISH ISLANDS.	Yarmouth ...	30.05	38	N	1	0	29.90	-0.15	38	37	+	1	NNW	2	cm	3	40	34	-
	Cuxhaven ...	30.14	36	Z	0	0	29.96	-0.18	35	34	-	1	SW	1	f	#	37	34	-
	Berlin ...	30.06	38	SE	2	0	29.96	-0.10	31	30	-	0	ESE	2	bc	#	43	30	-
	Wiesbaden ...	#	#	#	#	#	29.89	-0.20	36	34	-	1	Z	0	bc	#	45	32	-
	Munich ...	30.00	34	SE	3	0	29.87	-0.13	31	31	-	4	E	5	f	#	45	30	-
GERMANY & HOLLAND.	The Helder ...	30.05	37	NNW	1	0	29.90	-0.15	34	34	-	1	S	1	c	#	39	36	-
	Brussels (a.m.)	#	#	#	#	#	29.91	-0.21	35	34	-	0	ENE	1	0	#	38	34	-
	Cape Gris Nez	30.00	39	ENE	3	0	29.90	-0.10	36	33	-	3	ENE	3	c	#	41	32	-
	Paris ...	29.95	41	NNE	4	0	29.83	-0.12	36	35	+	4	NE	3	0	#	50	32	-
	Brest ...	?	45	E	5	0	?	?	42	42	-	1	E	4	0	2	?	?	-
FRANCE AND BELGIUM.	Lorient ...	29.68	51	?	6	0	29.63	-0.05	42	41	-	1	E	5	r	3	54	43	0.08
	Rocheport ...		50	ESE	4	0	29.66	-0.21	45	44	+	4	ESE	4	bc	#	55	41	0.08
	Belfort ...	?	37	E	2	0	?	?	37	32	+	5	E	2	f	#	50	32	-
	Lyons ...	29.88	49	ESE	1	0	29.82	-0.06	41	40	+	5	E	1	0	#	53	36	0.39
	Nice ...	29.97	46	E	1	0	29.90	-0.07	44	43	+	3	Z	0	r	#	52	41	0.25
FRANCE AND BELGIUM.	Perpignan ...	29.79	50	NE	1	0	29.76	-0.03	46	46	-	2	N	2	c	#	52	45	0.67
	Biarritz ...	29.57	57	SE	3	0	29.54	-0.03	53	46	+	9	S	4	bc	2	57	?	-
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	29.68	54	WSW	6	0	29.73	+	51	52	-	1	WSW	4	bc	#	55	50	0.16

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Sunday, 28th Feb: 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:

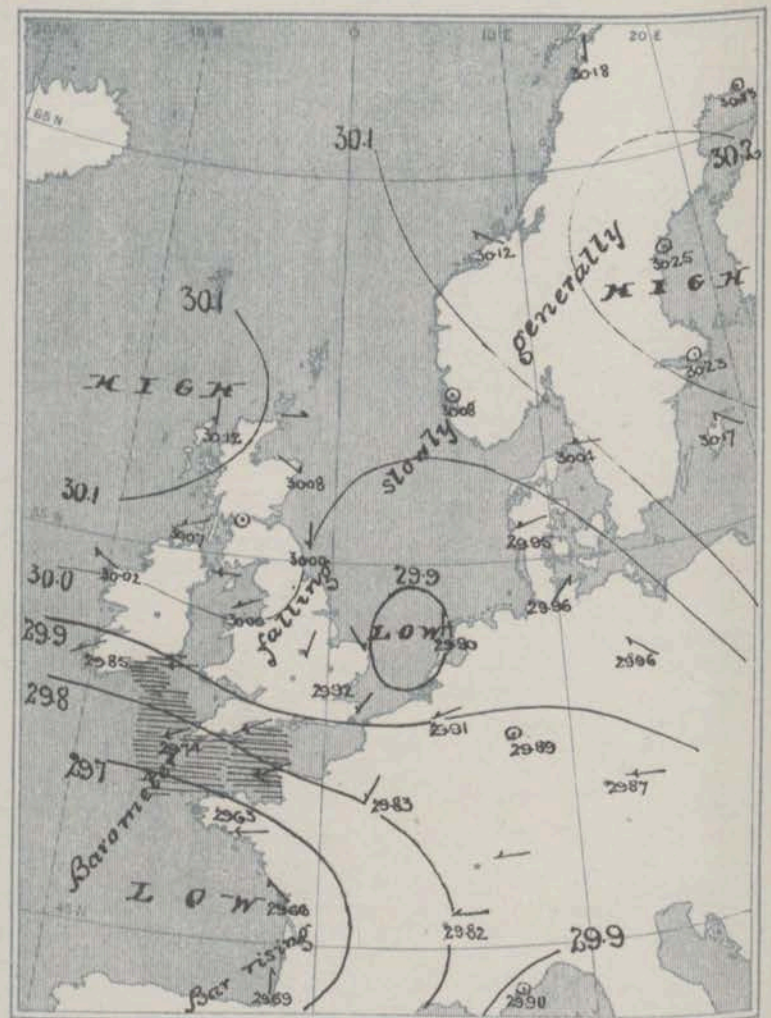
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.906
Spurn Head	29.931
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.986
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

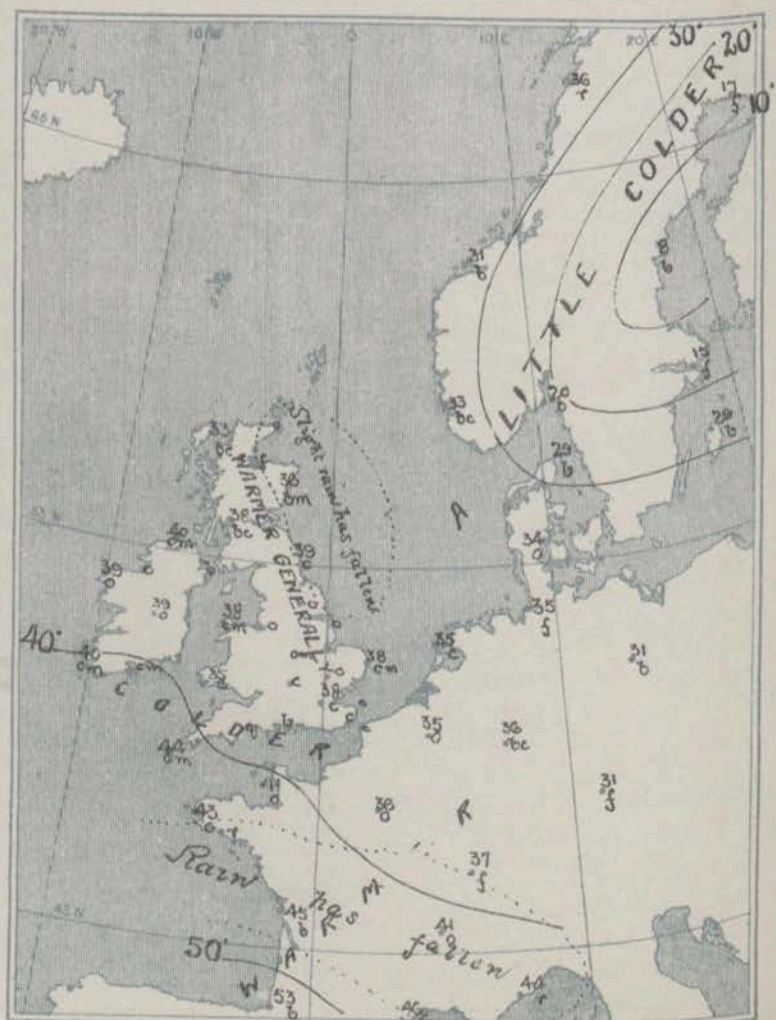
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
			Dry.	Wet.	
Sumburgh Head	42.4	31.5	38.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	32.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head	42.3	35.9	38.4	37.6	1.36
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	36.3	39.4	38.2	3.04
Mullaghmore	45.6	38.6	42.0	40.3	3.09
Donaghadee	45.5	36.9	40.3	39.3	2.42
Holyhead	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.9	35.6	39.4	38.1	2.20
Valencia	45.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.6	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins: and more to 30.0 ins: over Scandinavia and the Baltic; 30.1 ins: and more to 30.0 ins: over the northern half of the British Isles.
Lowest, 29.7 ins: and less, over the Bay of Biscay, and west of France; and 29.9 ins: and less, in a small and shallow depression off the Norfolk coast.

Gradients slight and irregular.

Barometer falling except in the extreme north.

TEMPERATURE

Highest, 53° at Llanidloes, 52° at Llanidloes, 44° at Llanidloes.

Lowest, 8° at Harwich, 15° at Stockholm, 17° at Haparanda, 35° to 38° over Central England, 39° at Parnassos.

It rose during yesterday to between 45° and 47° in the west of our Islands, and to between 37° and 42° in the north and east.

WIND

Very light and variable over the north of Scandinavia and in Scotland, SE^h to E^h over Germany, the Baltic, and Denmark.
NE^h to E^h over Ireland, England, and the Channel (a gale over the western half of the Channel).

S^h to E^h over the Bay of Biscay, SW^h at Lisbon.

WEATHER

Fine over the greater part of Scandinavia and Scotland, cloudy over Ireland and England, rainy on our southwest coasts and the northwest of France.

Slight rain has fallen over north Britain, and a larger quantity in the west and south of France.

SEA

Rough on our southwestern coasts ~~to the~~ moderate to slight in most other places, smooth off the southeast coast of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 29th FEB: 1892.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

WARNINGS

None issued

The NORTH CONE is still flying in districts 5. and 8.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeenæs ...	30.22	36	35	SE	1	of	2	Valencia ...	29.99	47	44	ENE	5	8	5
Sumburgh Head								Scilly ...	29.89	45	44	ENE	6	m	5
Sornoway ...	30.17	45	45	2	0	6	3	Jersey ...	29.95	45	44	ENE	4	c	4
Aberdeen ...	30.19	41	39	N	1	0	3	Hurst Castle	30.07	38	37	E	5	om	2
Shields ...	30.14	40	39	N	2	om	3	Dungeness...	30.06	38	36	ENE	4	o	2
Ardrossan ...	30.17	38	37	ENE	1	0	1	North Foreland...	30.08	39	37	NE	2	o	3
Malin Head ...	30.14	43	41	ESE	3	0	1	London ...	30.11	39	37	ESE	1	om	#
Mullaghmore	30.11	46	44	ENE	2	c	2	Yarmouth ...	30.07	40	39	N	2	c	2
Belmullet ...	30.10	46	44	SE	1	6	#	Rocheport ...	29.76	52	48	E	4	2	#
Holyhead ...	30.10	42	40	E	3	6	3								

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

Weather cloudy or overcast over the greater part of our Islands and the Continent, but fine over Scandinavia, Denmark, North Germany, and Central France, as well as at some of the Austrian stations. Fog or mist reported in many parts of the United Kingdom and also over the Gulf of Finland; rain falling at Barcelona and Algiers, and snow at Nicolaiiff. Showers falling later at several of our northern and northeastern stations and heavy rain in the south of France (as much as 2.5 in. reported next morning at Cetta and 1.8 in. at Cap Breton).

Temperature highest 65° at La Calle, 63° at Naples, 61° at Algiers, 59° at Oran, and 58° at Girona and Malta; above 50° at most of the Mediterranean stations as well as on the coasts of the Spanish Peninsula; and above 40° in the extreme west and southwest of our Islands. Lowest 3° at Archangel, 8° at Khio, 13° at St. Petersburg and 14° at Riga; below the freezing point over the whole of northern and eastern Europe, as well as over the central parts of Ireland and Scotland. Daily maxima not much above 45° in any part of the United Kingdom, but thermometer exceeding 50° in France, exceeding 60° in Italy, and rising to between 70° and 75° in Algeria.

Wind light to fresh from the End over France and the south of our Islands; strong to a gale from SW. at Lisbon. Variable in the southern parts of the United Kingdom; light from the NWnd on our east coasts. Light or moderate from the SEnd over the greater part of Central Europe; End in Denmark; light from the Wnd over the north of Russia; moderate from the NEnd in the south of that country. Variable in Italy; Snd in Algeria. Subsequently increasing to a strong breeze from E. at the Channel stations; no important change occurring elsewhere.

Barometer highest 30.4 in. and upwards, in a large anticyclone lying over Russia. Lowest 29.3 in. and less, in a well-marked depression lying off the Portuguese coast. Shallow disturbance with readings below 30 in. over Holstein. Anticyclone subsequently beginning to break up; Portuguese depression spreading slowly northwards over the Bay of Biscay.

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.
The evening observations are taken at 8 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

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

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DAILY WEATHER REPORT

for

Monday, 29th February,

1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.																			
STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS		
		Barom.	Temp.	Wind.		Weather.	Barometer.		SHADE TEMP.			Wind.		Sea (0 to 9).	SHADE TEMP.				
Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (0 to 12).	Weather.	Max.	Min.	Amount of Rainfall.					
Inch.	°			Inch.	°	°	°								Inch.				
SCANDINAVIA.	Haparanda ...	30.21	11	Z	0	b	30.34	+21	20	19	+3	N	2	c	#	b	28	10	-
	Hernösand ...	30.21	13	Z	0	b	30.39	+14	8	8	0	Z	0	b	#	b	36	7	-
	Stockholm ...	30.17	22	Z	0	r	30.20	-03	8	8	-7	N	2	bc	#	b	32	?	-
	Wisby ...	30.13	27	NE	4	bc	30.12	-05	26	25	-3	ENE	4	0	#	bc	34	?	-
	Bodö ...	30.26	30	Z	0	b	30.27	+09	24	23	-12	E	2	b	1	b	36	23	-
	Christiansund...	30.11	32	SE	1	b	30.12	00	28	26	-3	SE	1	b	2	b	36	27	-
	Skudesnaes ...	30.05	36	SE	2	b	30.08	00	31	30	-2	Z	0	c	1	b	43	30	-
	Christiania Fjord (Fierder)	30.10	31	NNE	5	b	30.17	+02	25	23	+5	NNE	5	b	1	b	32	20	-
	Skagen (The Scaw)	30.04	32	ESE	4	0	30.08	+04	30	29	+1	ESE	4	0	2	0	34	28	-
	Fanö ...	29.90	32	E	5	c	29.90	-05	31	31	-3	ENE	6	0	#	c	39	30	-
BRITISH ISLANDS.	Sumburgh Head	30.09	40	E	2	bc	30.09	-03	34	34	-1	N	2	bc	3	bc	45	30	-
	Stornoway ...	30.05	42	Z	0	c	30.07	-02	35	34	-1	N	1	0	1	c	42	34	-
	Wick ...	30.04	39	E	1	r	30.07	-01	37	36	+1	E	1	c	1	r	40	34	0.20
	Nairn ...	30.04	38	NE	2	op	30.08	00	35	34	-1	NW	2	c	4	po	41	34	0.03
	Leith ...	30.07	38	E	1	c	30.04	-04	37	37	0	N	1	0	#	c	43	35	0.01
	Shields ...	29.92	39	N	3	op	29.95	-05	40	38	+1	NNE	3	0	4	ro	42	35	0.08
	Spurn Head ...	29.85	39	N	3	0	29.87	-06	37	36	-1	NNE	4	c	4	op	42	36	0.02
	York ...	29.90	40	NW	1	0	29.92	-07	38	37	0	N	1	0	#	0	42	35	0.01
	Loughborough	29.87	39	NNE	2	0	29.88	-07	36	35	0	N	2	Om	#	0	43	36	-
	Ardrossan ...	30.00	44	Z	0	bc	30.05	-03	39	37	+1	NE	2	b	1	bc	45	35	-
GERMANY & HOLLAND.	Malin Head ...	30.03	40	ENE	3	b	30.04	-03	39	37	-1	ESE	2	bc	1	b	42	37	-
	Mullaghmore ...	30.00	41	ENE	5	b	30.03	00	36	35	-4	E	2	b	2	b	42	31	-
	Belmullet ...	29.96	40	SE	4	bc	30.02	00	36	36	-3	SE	2	b	#	bc	44	34	-
	Donaghadee ...	30.00	42	NE	4	c	30.02	-05	40	38	+1	NE	5	c	3	c	43	39	-
	Liverpool (Bidston)	29.93	40	N	1	0	29.96	-05	37	35	0	NNE	1	0	2	0	43	36	-
	Holyhead ...	29.96	40	NE	4	b	29.98	-02	40	38	+2	NE	3	og	3	b	43	37	-
	Parsonstown ...	29.96	40	NE	1	bc	30.01	+04	33	32	-6	Z	0	0	#	bc	43	27	-
	Valencia ...	29.84	43	NE	4	cm	29.95	+10	40	37	0	ENE	3	b	3	c	45	37	-
	Roche's Point	29.87	42	E	6	c	29.92	+03	37	34	-4	ENE	4	bc	4	c	43	34	-
	Pembroke (St. Ann's Hd.)	29.86	40	E	4	c	29.92	+07	35	34	0	E	2	cg	2	c	44	34	-
FRANCE AND BELGIUM.	Scilly ...	29.74	43	ENE	6	om	29.86	+12	43	41	-1	ENE	5	c	5	om	44	40	-
	Prawle Point ...	29.80	40	ENE	6	0	29.89	+04	35	34	-2	NNE	2	b	2	0	42	33	-
	Jersey (St. Aubin's)	29.76	42	E	5	om	29.84	+06	38	37	-3	NE	1	cm	1	om	43	37	-
	Hurst Castle ...	29.83	41	ENE	4	omg	29.87	-03	36	35	-1	NE	1	m	2	mg	44	33	-
	Dungeness ...	29.82	40	NE	3	c	29.80	-11	35	35	-4	N	3	f	1	c	43	30	-
	North Foreland	29.81	40	NE	2	0	29.80	-10	38	37	-1	NNE	3	0	3	0	40	35	-
	London ...	29.86	41	NE	2	c	29.84	-08	39	37	+1	NE	1	0	#	bc og a	42	36	-
	Oxford ...	29.83	35	Z	0	b	29.88	-07	37	36	+2	N	3	op	#	b	41	32	-
	Cambridge ...	29.88	40	N	1	0	29.86	-09	36	35	0	N	1	0	#	0	42	35	0.01
	Yarmouth ...	29.84	39	N	3	c	29.80	-10	37	36	-1	NNE	4	c	4	c	40	35	0.01
PENINSULA.	Cuxhaven ...	29.89	36	E	1	f	29.86	-10	35	34	0	E	1	f	#	f	37	34	-
	Berlin ...	29.91	39	E	2	0	29.88	-08	34	33	+3	E	3	0	#	0	37	31	-
	Wiesbaden ...	#	#	#	#	#	29.76	-13	38	36	+2	Z	0	0	#	*	41	36	-
	Munich ...	29.83	33	E	4	0	29.76	-11	37	37	+6	NW	3	c	#	0	37	30	0.04
	The Helder ...	29.81	37	SSW	1	0	29.77	-13	35	35	0	ESE	1	S	1	0	37	34	0.08
	Brussels (s.a.m.)	#	#	#	#	#	29.80	-11	28	28	-7	E	1	f	#	b	38	28	-
	Cape Gris Nez	29.83	37	ENE	3	c	29.79	-11	37	36	+1	N	2	c	2	c	43	34	-
	Paris ...	29.78	41	NNE	2	0	29.76	-07	36	36	0	NNE	2	r	#	0	43	35	-
	Brest ...	?	43	E	3	r	?	?	41	40	-2	E	3	0	4	r	45	39	0.24
	Lorient ...	29.71	46	E	2	0	29.77	+14	42	41	0	ENE	3	0	5	0	50	41	0.12
FRANCE AND BELGIUM.	Rocheport ...	29.79	49	SW	4	0	29.79	+13	43	42	-2	SE	3	b	#	0	59	41	0.08
	Belfort ...	?	38	N	2	r	?	?	40	37	+3	N	2	c	#	r	50	37	-
	Lyons ...	29.88	48	N	1	0	29.82	00	41	39	0	SSW	1	c	#	0	55	40	0.28
	Nice ...	29.88	44	Z	0	f	29.82	-08	41	40	-3	E	1	b	1	0	58	39	0.28
	Perpignan ...	29.78	50	Z	0	b	29.83	+07	43	43	-3	Z	0	0	#	f	62	38	-
	Biarritz ...	29.73	58	SW	3	b	29.75	+06	51	45	-2	SSW	2	c	0	b	63	48	-
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	29.39	49	SSW	1	bc	29.74	+01	47	46	-5	ESE	4	0	#	bc	57	46	0.51

For Explanation of Columns, see bottom of p. 4.

† Received too late for insertion in Charts on p. 2.

WEATHER CHARTS

for 8 a.m. on Monday, 29th February, 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:

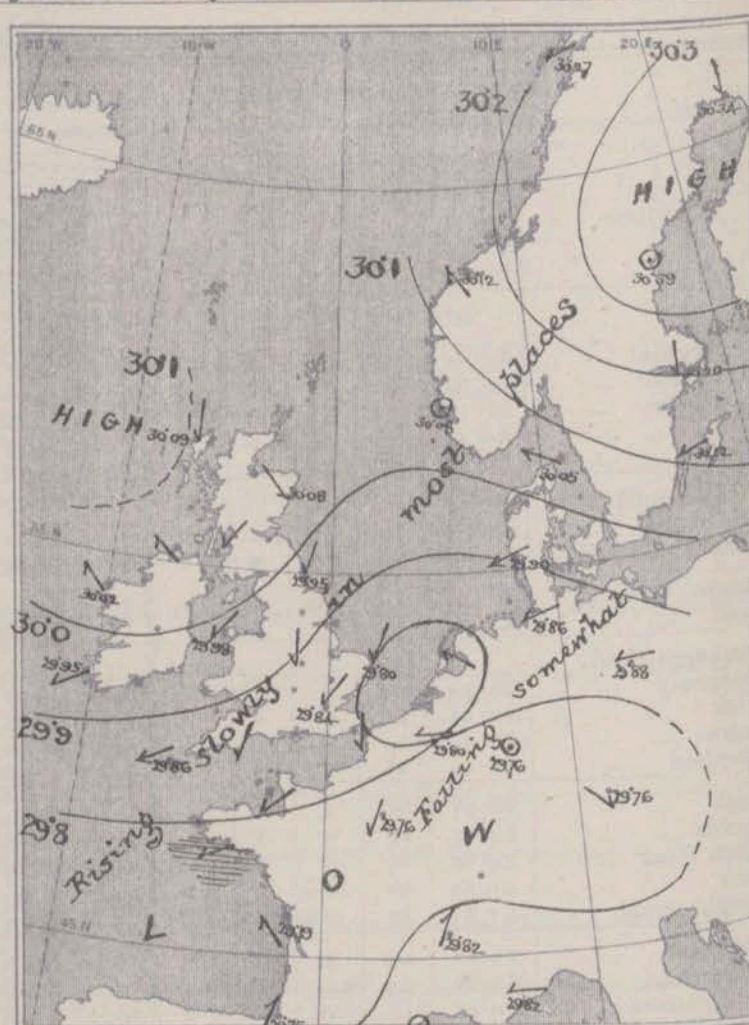
— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.775
Stornoway	29.773
Wick	29.804
Nairn	29.814
Aberdeen	29.848
Leith	29.870
Shields	29.806
Spurn Head	29.934
York	29.939
Loughborough	29.963
Ardrossan	29.873
Mullaghmore	29.854
Donaghadee	29.884
Holyhead	29.914
Liverpool	29.934
Parsonstown	29.906
Valencia	29.919
Roche's Point	29.916
Pembroke	29.937
Scilly	29.959
Prawle Point	29.993
Jersey	30.007
Hurst Castle	29.980
Dover	29.985
LONDON	29.989
Oxford	29.985
Cambridge	29.979
Yarmouth	29.964



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.

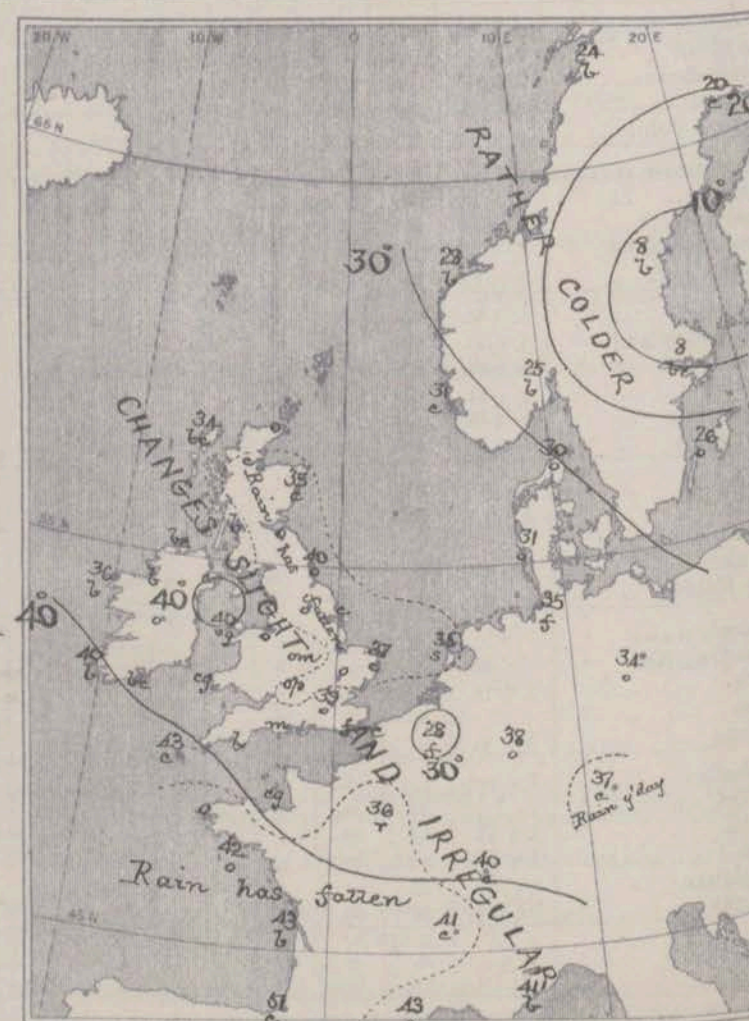
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of February.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.4	34.5	38.5	37.4	3.19
Stornoway	43.5	34.6	39.1	38.1	3.86
Wick	43.1	33.2	38.1	36.7	2.04
Nairn	43.4	33.4	37.1	35.4	1.48
Aberdeen	43.2	33.8	37.3	35.7	2.35
Leith	45.7	34.3	38.6	37.1	1.45
Shields	43.8	35.1	38.6	37.3	1.50
Spurn Head.....	42.3	35.9	38.4	37.6	1.36
York	44.6	33.9	37.5	36.4	1.70
Loughborough	45.3	33.9	37.5	36.4	1.78
Ardrossan	44.6	36.3	39.4	38.2	3.04
Mullaghmore	45.6	38.6	42.0	40.3	3.09
Donaghadee.....	45.5	36.9	40.3	39.3	2.42
Holyhead.....	45.5	38.7	41.5	40.1	2.60
Liverpool	44.5	36.2	38.9	37.3	1.69
Parsonstown	46.0	36.6	39.4	38.1	2.20
Valencia	49.7	40.7	44.6	42.9	4.95
Roche's Point	48.4	39.6	43.1	41.6	4.43
Pembroke.....	45.5	39.4	42.1	40.9	2.82
Scilly	48.9	42.8	46.0	44.4	2.71
Prawle Point	46.8	38.1	41.5	40.6	2.02
Jersey	46.9	39.3	42.3	41.0	2.55
Hurst Castle	45.7	36.7	40.3	39.3	2.25
Dover	44.4	36.1	39.2	38.1	1.95
LONDON	45.8	35.1	38.6	37.4	1.73
Oxford	45.0	34.9	37.9	36.8	1.92
Cambridge	45.5	32.8	37.3	36.2	1.46
Yarmouth	42.6	34.5	38.2	37.3	1.82

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in. to 30.1 in. over Scandinavia; 30.0 in. and more over Scotland and the northern half of Ireland.
 Lowest, 29.8 in. and less, in a large shallow area of low pressure covering Spain, the Bay of Biscay, France and Northern Germany.
 Gradients slight and mainly favourable for Nth to Eth winds.
 Barometer rising slightly — most in Lapland and the north of Sweden.

TEMPERATURE

Highest, 51° at Hamburg, 47° at Lisbon, 43° at Seville.
 Lowest, 8° at Stockholm and Helsingfors, 20° at Haparanda; 23° at Larsoomburg, 35° at Aberdeen, 37° at Yarmouth.
 The daily maxima yesterday ranged between 40° and 45° over the United Kingdom, the minima were about ten degrees lower over Great Britain.

WIND

Eth to Nth in direction, and light to moderate in force over the greater part of our area, but Sth over the southwest of France and at Lyon; very variable in Scotland.
 The moderate gale felt over the western half of the Channel yesterday has died down.

WEATHER

Fine and bright over Scotland and Scandinavia; cloudy or overcast elsewhere, with showers in some parts of our Islands, rain at Paris and Lisbon. Rainfall during previous twenty-four hours has been general (but slight) over the north-east and east of our Islands, more considerable at many of the French stations.

SEA

Rather rough about the mouth of the Channel, moderate to slight in most other regions.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are no indications of any important change.

FORECASTS

For the 24 hours ending at NOON on 1st March 1892.

DISTRICTS.

FORECASTS.

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

Varying airs; unsettled, cloudy, some rain occasionally.

Nth winds, moderate; cloudy, occasional showers.

Nth and NEth winds, light or moderate, cloudy, but fair as a whole.

DISTRICTS.

FORECASTS.

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

Same as N^o 0 and 1

NEth breezes, moderate, fair generally.

Varying Eth breezes, light, fine.

WARNINGS

None issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30.05	43	39	Z	0	c	2	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	30.10	44	43	E	3	b	3	Jersey ...	29.77	42	41	E	5	om	4
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.83	43	40	NE	3	bc	2
Ardrossan ...								North Foreland ...	29.88	40	39	NE	2	0	3
Malin Head ...	30.05	42	39	ESE	5	b	1	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.99	44	40	SE	3	b	#	Rochefort ...	29.69	51	52	SSW	3	c	#
Holyhead ...	29.98	41	38	ESE	4	b	4								

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

Weather cloudy over the greater part of our Islands and the Continent, with fog or mist in many places, and with rain at some of the French stations, as well as at Trieste. Fine in the east and south of Scotland, as well as over the southwest of France and the greater part of Algeria and Scandinavia. Showers falling later in the north and east of our Islands and heavy rain at Lisbon.

Temperature 60° at Malta, 59° at La Calle, 57° at Brindisi, and 55° at Rome, Barcelona, Cagliari and Genoa, above 50° at nearly all the Mediterranean & Adriatic stations as well as on the coasts of the Spanish Peninsula. Lowest 8° at Hernösand, 9° at Hangö, 13° at Moscow, 15° at Stockholm and Helsingfors, and 17° at Haparanda and Archangel; below the freezing point over the whole of northern and eastern Europe and below 40° in most parts of the United Kingdom. Daily maxima below 40° in Germany and below 45° over the greater part of our Islands but thermometer exceeding 50° in France, and reaching 63° at Biarritz.

Wind S³ or S⁴ in Spain, SE² in the west of France and E² in the west and south of our Islands, with a moderate gale at some of the Channel stations. Light from the N. or NW² in the east of Scotland and from the NW² over the eastern and central parts of England. Rather variable, but chiefly SE² over Italy, central Europe and the Baltic, and E² in Denmark, but NW² over Finland. Subsequently veering to the SW² in the west of France.

Barometer highest 30.4 ins. and upwards in an anticyclone lying over the Black Sea and the south of Russia, 30.2 ins. and upwards in another system lying over a considerable part of Sweden and Finland; 30.1 ins. and upwards in a third lying over the northwest of Scotland. Lowest 29.7 ins. and less in a large depression over the Bay of Biscay; 29.9 ins. and less in a small shallow disturbance lying off the east of England. Depression over Bay of Biscay subsequently moving away in a westerly direction and barometer rising in the west of France.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 21ST TO 27TH FEB. 1892.

During this week the weather has undergone a gradual improvement from the very unsettled conditions which prevailed during the period which preceded it. The depressions which then prevailed have disappeared gradually, the falls of wet snow and rain have disappeared, temperatures has become higher and the strong SE² winds have almost entirely died out. Some small local disturbances appeared, however, about the mouth of the Channel on Thursday night and caused a heavy fall of rain in the southeast of Ireland.

On Saturday a new and large disturbance had reached the coast of Portugal and was advancing northwards. It was causing stormy weather over the Iberian Peninsula and was apparently moving northwards, but did not appear likely to affect the weather in our Islands much beyond producing strong E² winds (and possibly gales) from the E² at our most southern stations and in the Channel.

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.

The evening observations are taken at 6 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 8 p.m. In Sweden and Denmark the observations are taken at 8 p.m. (Christiania time).

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

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

.. Weekly ..

£1 10 0 ..

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										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).	Dirce.		Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (0 to 12).	Max.	Min.								
																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).	Weather.	Max.	Min.
1	Corunna	2	2	2	2	2	30.17	-29	52	49	+ 5	S	1	m	3	2	59	?	-		
2	Corunna	2	2	2	2	2	30.19	+02	51	46	- 1	NW	7	t	6	2	55	41	0.04		
3	Corunna	2	2	2	2	2	30.12	-07	55	54	+ 4	NW	9	t	9	2	55	50	0.28		
4	Corunna	2	2	2	2	2	30.34	+22	56	53	+ 1	NW	5	o	5	2	57	50	-		
5	Corunna	2	2	2	2	2	30.41	+07	53	53	- 3	NW	4	t	5	2	57	48	0.04		
6	Corunna	2	2	2	2	2	30.49	+08	51	50	- 2	SW	5	o	6	2	55	46	-		
8	Corunna	2	2	2	2	2	30.48	?	50	50	?	SE	4	o	7	2	55	46	-		
9	The Helder	29.87	38	NNE	4	o	30.30	+70	34	-	- 7	NE	1	b	2	o	43	34	-		
	Brussels	2	2	2	2	2	30.26	+49	31	-	- 11	NNE	3	b	2	2	47	31	0.20		
	Corunna	2	2	2	2	2	30.39	-09	53	52	+ 3	NNE	4	o	3	2	54	48	0.04		
10	Corunna	2	2	2	2	2	30.42	+03	51	47	- 2	ENE	5	b	2	2	57	45	-		
11	Corunna	2	2	2	2	2	30.44	+07	52	48	+ 1	NE	4	b	2	2	55	46	-		
12	Corunna	2	2	2	2	2	30.31	-13	50	49	- 2	E	1	b	2	2	55	45	-		
13	Corunna	2	2	2	2	2	30.46	+15	51	48	+ 1	E	3	b	o	2	54	48	-		
15	Corunna	2	2	2	2	2	29.93	-42	43	41	- 7	SE	3	c	2	2	55	32	-		
16	Perpignan	29.69	41	W	1	b	29.58	-33	33	-	+ 3	W	1	b	2	2	50	?	-		
	Corunna	2	2	2	2	2	29.43	-50	50	48	+ 7	SW	5	o	4	2	50	39	0.04		
17	Belfast	?	36	W	3	c	?	?	39	-	+ 1	W	3	o	2	c	41	28	0.08		
	Corunna	2	2	2	2	2	29.81	+38	48	44	- 2	N	3	t	4	2	54	39	0.20		
18	Stornoway	29.28	30	N	3	S	29.39	-01	28	28	- 1	E	4	S	4	S	33	24	0.10		
	Nice	29.19	41	SW	5	c	29.31	-00	33	?	- 12	NE	5	b	4	c	32	32	-		
	Corunna	2	2	2	2	2	29.50	-31	37	36	- 11	SE	4	o	3	2	?	28	-		
19	Silly	-	-	-	-	-	28.81	-40	41	41	- 3	SSW	7	t	6	t	45	36	1.48		
	Brave Point	29.23	35	ENE	4	c	29.03	-20	41	40	+ 6	SE	6	o g m	6	c	43	31	0.13		
	Jersey	-	-	-	-	-	29.13	-10	39	37	+ 1	ESE	5	c g m	4	b	43	34	0.08		
	Corunna	2	2	2	2	2	29.11	-39	43	41	+ 6	SSE	4	b	2	2	48	36	-		
	Jersey 2pm	-	-	-	-	-	29.07	-	42	37	-	ESE	5	o	5	-	-	-	-		
20	Roche's Point	29.01	28	ENE	9	S	29.01	-00	38	37	+ 6	SE	4	o t	5	t s l	38	27	0.80		
	Silly	28.81	41	SSE	6	t	29.06	+25	42	39	+ 1	SSW	5	c	6	12	43	37	1.03		
	Corunna	2	2	2	2	2	29.28	+17	50	47	+ 7	S	6	t	5	2	52	39	0.47		
22	Belmullet	29.13	38	ENE	3	o	29.20	+10	39	38	+ 4	ENE	5	o	2	c	39	34	0.14		
	Corunna	2	2	2	2	2	29.42	?	45	44	?	SSE	7	t	6	2	50	39	0.98		
	Belmullet 2pm	-	-	-	-	-	29.28	-	45	42	-	ENE	5	b	-	-	-	-	-		
23	Corunna	2	2	2	2	2	29.63	+21	42	41	- 3	S	7	c	5	2	48	37	0.79		
	Sumburgh Hd 2pm	-	-	-	-	-	29.88	-	42	41	-	SSE	1	c	6	-	-	-	-		
24	Sumburgh Hd.	29.93	40	SSE	3	o	29.87	+06	41	40	- 1	SE	3	o	5	o	43	38	0.01		
	Corunna	2	2	2	2	2	29.77	+14	45	43	+ 3	NW	5	c	3	2	54	39	0.20		
	Sumburgh Hd 2pm	-	-	-	-	-	29.89	-	41	41	-	SE	3	m	6	-	-	-	-		
25	Sumburgh Hd.	29.89	41	SE	3	t	29.93	+06	42	42	+ 1	SE	3	o	6	t	42	39	0.01		
	Corunna	2	2	2	2	2	29.89	+12	48	45	+ 3	SSW	6	c	2	2	52	39	0.12		
	Sumburgh Hd 2pm	-	-	-	-	-	29.95	-	42	41	-	SE	4	t	6	-	-	-	-		
26	Sumburgh Hd	29.95	40	SE	4	o	30.01	+08	40	40	- 2	SSE	3	o	6	o	43	36	0.07		
	The Helder	30.09	38	S	1	f	30.13	+13	36	36	- 3	NE	1	f	1	f	41	36	-		
	Corunna	2	2	2	2	2	30.01	+12	44	42	- 4	SE	4	b	1	2	54	37	-		
	Sumburgh Hd 2pm	-	-	-	-	-	30.01	-	41	40	-	SSW	3	o	5	-	-	-	-		
27	Sumburgh Hd.	30.13	41	SSE	2	o	30.17	+16	40	40	0	Z	0	o	4	o	42	39	0.01		
	Corunna	2	2	2	2	2	30.41	-60	58	51	+ 14	ESE	6	c	3	2	58	?	0.91		
	Lisbon	29.38	55	E	5	t	29.72	-51	53	51	+ 5	SW	8	o	2	t	57	?	-		
	Sumburgh Hd 2pm	-	-	-	-	-	30.18	-	41	41	-	Z	0	o	3	-	-	-	-		
28	Sumburgh Hd.	30.17	40	Z	0	o	30.04	-13	39	38	- 1	NE	1	c	2	o	42	38	-		
29	Sumburgh Hd	30.04	41	NE	1	c	30.08	+04	38	37	- 1	Z	0	o	2	c	44	25	-		
	Corunna	2	2	2	2	2	29.82	?	52	48	?	SSE	4	c	3	2	55	45	0.24		

2. CORRECTIONS.

DATE	STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
		Barom.	TEMP.	WIND.		Weather.	BAROMETRICAL		SHADE TEMP.			WIND.		Sea (0 to 9).	Weather.	SHADE TEMP.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dirce.	Force (0 to 12).		Max.	Min.
1	Cambridge.....																		No rain	
2	Liverpool.....																48		No rain	
3	Pembroke.....																		No rain	
4	Wick.....											S								
5	Holyhead.....	29.59																		
6	Spurn Head.....		39																	
7	Holyhead.....						29.58													
8	Mullaghmore.....						29.74	+ 17				SW								
9	Cambridge.....	29.65																		
10	Stornoway.....								44		+ 9								0.05	
11	Hurst Castle.....																			
12	Ronaghadee.....						30.34	+ 10												
13	Roches Point.....						30.45	+ 10												
14	Aberdeen.....									43										
15	Aberdeen.....																56			
16	North Foreland.....																47			
17	Doughborough.....								87		0									
18	Brussels.....						30.37													
19	Belmullet.....																	42		
20	Yarmouth.....																		0.05	
21	Ararossaw.....																		No rain	
22	Valencia.....						29.61	- 79									49			
23	London.....																	33		
24	Nairn.....	29.84																		
25	Jersey.....																40			
26	London.....																	21		
27	Dungess. 2pm.....								31											
28	Cambridge.....																		0.12	
29	North Foreland.....																34		No rain	
30	Ararossaw.....																		0.01	
31	Holyhead.....																			
32	Hernösand.....	30.42																		
33	Seilly.....																54			
34	Jersey.....																49			
35	York.....																	35		
36	Cambridge.....								86	86	- 1	N								
37	Stornoway.....																			
38	Belmullet.....								47	44	+ 4							43		
39	Cambridge.....																		0.02	
40	Parsonstown.....	29.78																		
41	Nairn.....	30.07																		
42	Parsonstown.....						30.09	+ 24												
43	Cambridge.....																		0.04	
44	Pembroke.....						29.95	- 12		34										
45	Nairn.....	30.02																		