

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE,

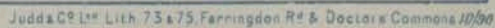
1892.

Soc. Reg. Lond.

22.2.93 .

January to June 1892.

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DAILY WEATHER REPORT

for Friday 1st January.

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).	Weather.	SHADE TEMP.			Amount of Rainfall.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.				
		Inch.	°				Inch.	°	°	°						°	°	Inch.			
SCANDINAVIA.	Haparanda ...																				
	Hernösand ...	29.32	34	SE	2	0	29.41	-02	27	26	-1	N	4	0	#	0	3	?	0.12		
	Stockholm ...	29.06	33	SE	6	0	29.09	-40	25	25	-10	N	1	0	#	0	3	?	0.20		
	Wisby ...	29.10	33	SE	6	0	29.10	-62	26	29	-4	N/E	6	0	#	0	3	?	0.25		
	Bodö ...	29.16	31	SE	2	0	29.18	+22	36	33	-3	SE	1	0	#	0	3	34	—		
	Christiansund...	29.04	32	SE	2	bc	29.25	+38	32	31	-1	2	0	6	5	bc	37	32	—		
	Skudesnaes ...	29.05	36	2	0	bc	29.32	+35	32	31	-1	NNE	1	6	3	bc	39	32	—		
	Christiania Fjord (Farder)	29.12	36	NNE	6	7	29.25	+13	37	34	-2	NE	5	0	2	7	37	36	—		
	Skagen (The Scaw)	29.14	36	NNW	4	7	29.15	?	37	35	-1	NE	5	0	3	7	37	34	0.28		
	Fanö ...	29.12	35	NNW	6	6	29.28	+22	36	36	-6	NW	2	0	#	6	43	36	0.08		
ISLANDS.	Sumburgh Head	29.11	35	N	2	7	29.48	+55	38	37	+1	N	4	0	4	7	40	35	0.13		
	Stornoway ...	29.28	38	NW	4	C	29.36	+78	38	37	+2	N	6	0	6	C	35	35	0.12		
	Wick ...	29.21	38	NW	2	bc	29.67	+66	38	37	+6	N	6	0	4	bc	37	32	0.09		
	Nairn ...	29.22	38	SE	2	0	29.72	+65	38	37	+4	NNW	4	0	3	7	40	33	0.17		
	Aberdeen ...	29.25	37	N	2	bc	29.64	+52	37	36	+2	NNW	6	0	4	bc	40	34	0.24		
	Leith ...	29.30	40	N	2	bc	29.72	+53	37	35	0	N	2	6	#	bc	42	35	—		
	Shields ...	29.32	40	NNW	3	C	29.68	+46	36	34	-5	NNW	3	0	2	7	43	34	—		
	Spurn Head ...	29.42	41	NNW	6	bc	29.66	+54	40	37	-3	NNW	5	0	5	bc	44	38	—		
	York ...	29.42	41	NNW	2	6	29.74	+35	36	35	-5	N	1	6	#	6	44	33	0.01		
	Loughborough	29.53	41	N	5	6	29.73	+35	37	36	-1	NNW	3	0	#	6	47	37	0.01		
BRITISH.	Ardrossan ...	29.34	43	N	4	bc	29.85	+55	42	40	0	NW	4	6	3	7	44	37	0.06		
	Malin Head ...	29.46	44	NW	5	bc	29.50	+66	41	37	0	NNW	6	0	4	7	45	38	0.13		
	Mullaghmore ...	29.61	45	NNW	7	bc	30.01	+64	42	40	+1	NNW	5	0	4	7	46	37	0.22		
	Belmullet ...	29.68	45	NNW	6	0	30.10	+71	42	40	-1	N	3	0	#	0	46	40	0.16		
	Donaghadee ...	29.44	43	NNW	4	6	29.88	+52	42	41	+4	NW	6	0	4	6	43	37	0.06		
	Liverpool (Bidston)	29.51	44	NNW	7	bc	29.78	+38	41	38	-1	NNW	5	0	4	bc	45	40	0.10		
	Holyhead ...	29.57	45	NNW	6	C	29.85	+41	43	41	0	NNW	6	0	6	C	46	40	0.03		
	Parsonstown ...	29.70	42	SE	1	6	30.07	+34	34	33	-6	2	0	0	#	6	53	34	0.06		
	Valencia ...	29.90	47	NNW	4	C	30.44	+47	45	42	+1	N	3	0	3	C	45	42	0.05		
	Roche's Point	29.82	45	NNW	4	6	30.03	+41	42	40	-2	NW	4	0	4	6	47	40	0.03		
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.72	47	N	6	bc	29.93	+33	43	42	-4	NW	5	6	5	6	47	42	0.02		
	Scilly ...	29.88	45	NNW	6	bc	30.01	+30	43	45	-5	NW	6	6	5	6	52	47	0.02		
	Prawle Point ...	29.83	46	N	5	C	29.97	+32	42	40	-2	N	3	6	2	7	51	39	0.09		
	Jersey (St. Aubin's)	29.90	50	NNW	6	com	30.00	+15	48	42	-4	NNW	4	6	3	7	53	45	0.04		
	Hurst Castle ...	29.77	46	N	6	bc	29.87	+25	43	42	-1	N	6	6	4	bc	51	41	0.02		
	Dungeness ...	29.67	45	N	5	bc	29.78	+24	41	40	-1	NNW	6	6	5	bc	51	40	0.17		
	North Foreland	29.76	45	N	3	1	29.76	?	39	38	-1	N	4	6	0	C	53	38	?		
	London ...	29.68	43	N	3	C	29.84	+34	37	36	-76	N	2	6	#	C	52	36	0.03		
	Oxford ...	29.70	42	NNW	4	6	29.83	+35	37	35	-15	N	3	6	#	bc	52	37	0.04		
	Cambridge ...	29.61	40	N	2	6	29.78	+35	38	37	-15	N	1	6	#	6	52	36	0.04		
FRANCE AND BELGIUM.	Yarmouth ...	29.51	42	N	5	bc	29.67	+25	37	36	-10	NNW	4	6	3	bc	47	35	0.01		
	Cuxhaven ...	29.25	41	NNW	6	7	29.36	+11	35	38	-7	N	4	0	#	7	46	37	0.04		
	Berlin ...	29.26	44	N	5	0	29.36	-03	40	38	+4	N	5	0	#	0	50	36	0.07		
	Wiesbaden ...	29.78	47	N	5	0	29.75	+06	42	39	-1	SE	4	6	#	X	52	38	0.12		
	Munich ...	29.78	47	SE	5	C	29.80	+01	36	35	-13	SE	6	0	#	C	52	34	0.20		
	The Helder ...	29.49	43	N	5	6	29.56	+24	42	40	-5	NNW	5	0	4	6	48	41	0.20		
	Brussels (a.m.)	#	#	#	#	#	29.78	+15	37	36	-13	NNW	5	6	#	6	51	37	0.12		
	Cape Gris Nez	29.67	46	NNW	7	6	29.78	+21	43	40	-7	N	5	6	6	6	52	30	0.04		
	Paris ...	29.85	52	NNW	5	0	29.95	+04	37	37	-11	NNW	2	6	#	0	?	38	0.12		
	Brest ...	29.89	51	NNW	2	0	29.95	?	45	45	-4	NNW	2	0	4	0	?	45	0.04		
PENINSULA.	Lorient ...	29.96	50	NNW	4	7	30.06	+07	48	44	-4	NNW	2	6	5	7	52	46	0.01		
	Rochefort ...	30.10	51	N	5	7	30.06	-06	47	47	-4	N	2	0	#	7	52	45	0.01		
	Belfort ...	30.13	42	N	1	0	30.00	-18	47	43	+11	NNW	1	7	#	0	51	?	—		
	Lyons ...	29.90	48	2	0	6	29.84	-08	42	42	-3	E	1	6	#	6	57	41	—		
	Nice ...	30.13	51	NE	2	6	30.10	-23	51	46	-5	N	3	6	#	6	63	47	—		
	Perpignan ...	30.18	56	N	3	6	30.13	-14	52	52	+13	SE	3	0	7	6	61	50	—		
	Biarritz ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#			
	Lisbon ...	30.23	46	NE	4	f	30.13	-22	41	41	-1	ENE	3	f	#	f	50	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 Friday, 1st Jan^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:

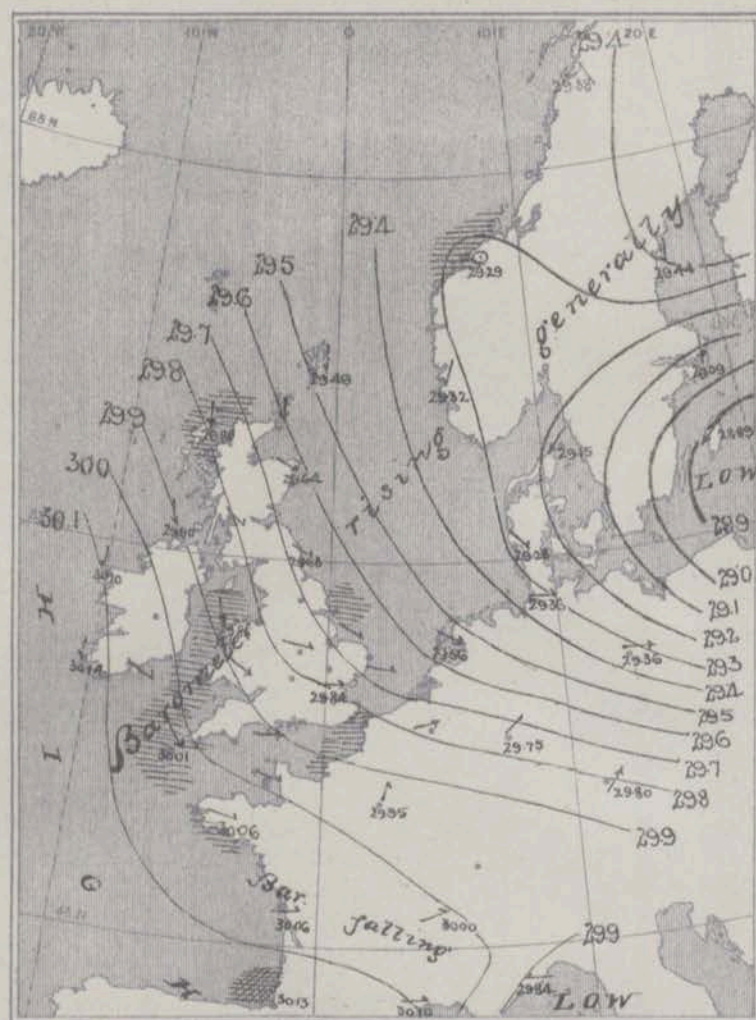
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	INS.
Sumburgh Head.....	29.675
Stornoway.....	29.682
Wick.....	29.719
Nairn.....	29.745
Aberdeen.....	29.787
Leith.....	29.825
Shields.....	29.881
Spurn Head.....	29.926
York.....	29.932
Loughborough.....	29.967
Ardrossan.....	29.838
Mullaghmore.....	29.817
Donaghadee.....	29.856
Holyhead.....	29.902
Liverpool.....	29.924
Parsonstown.....	29.895
Valencia.....	29.887
Roche's Point.....	29.908
Pembroke.....	29.936
Scilly.....	29.969
Prawle Point.....	30.006
Jersey.....	30.022
Hurst Castle.....	30.002
Dover.....	30.012
LONDON.....	30.006
Oxford.....	29.999
Cambridge.....	29.993
Yarmouth.....	29.979



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.

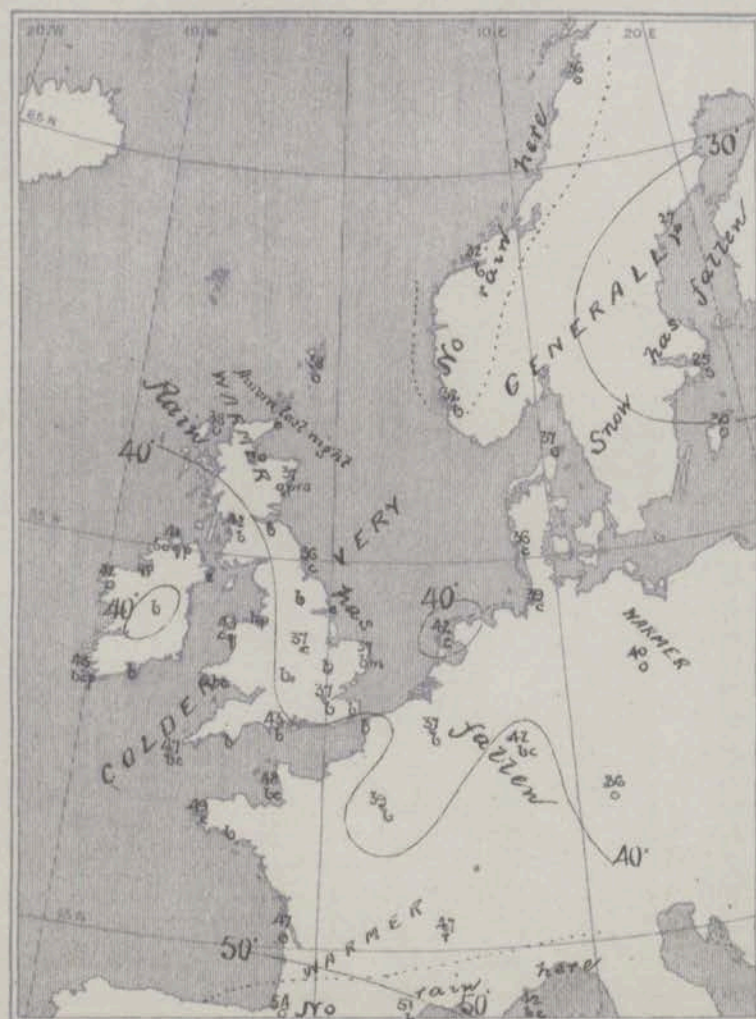
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.6	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	48.6	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.0	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.61
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.64
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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 upwards in a large anticyclone extending from the Atlantic over Spain, the Bay of Biscay and the Atlantic west of Ireland.
 Lowest 28.9 ins. and less in a depression lying over the Baltic.
 Gradients slight. Barometer rising at all but the southern French stations.

TEMPERATURE

Highest 54° at Biarritz, 51° at Perpignan, 48° at Jersey and Lorient, and 47° at St. Malo, Rochefort and Lyons.
 Lowest 15° at Stockholm, 17° at Hernösand, 30° at Wisby, 32° at Christiansund & Skudesnæs, and 34° at Parsonstown.
 Over eastern and central England the thermometer has fallen from 10° to 16° since yesterday morning.

WIND

Moderate to strong from the N.W. over the greater part of our Islands, but W. in the southeast of England as well as over the Netherlands and France. — Fresh or strong from the S.W. in Germany.
 Strong from the N. in Sweden, with a gale at Stockholm, N.E. in the south of Norway.

WEATHER

Fine over the greater part of the United Kingdom as well as on the eastern shores of the North Sea, but showery at some of our western and northern stations, with hail at Liverpool and with sleet at Aberdeen.
 Dull in Germany and the south of France as well as in Sweden, with rain at Lyons & snow at Stockholm.
 Showers fell yesterday in nearly all parts of our Islands and aurora was seen at Ulick.

SEA

High at Biarritz, and rough or rather so on several of the more exposed parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer continues to rise steadily in all places and N.W. winds seem likely to prevail for a time, with fair weather in most districts, but with showers at some of our northern and northwestern stations.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

N² and NW² winds, moderate or fresh, changeable, some snow showers.
 Same as N^o 5.
 NW² winds, light or moderate, fair generally.

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

NW² winds, moderate, fair generally, but perhaps local showers.
 Same as N^o 5.
 NW² winds, fresh, changeable, some showers.
 Same as N^o 5.
 None issued.

WARNINGS

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29. 90	37	36	W	2	7	4	Valencia ...	29. 79	49	45	W	6	bc & p	6
Sumburgh Head ...	29. 01	37	38	W/NW	2	7	4	Scilly ...	29. 81	49	45	W/NW	7	c	5
Stornoway ...	29. 13	37	38	W	4	0	4	Jersey ...	29. 82	53	53	W	7	o	5
Aberdeen ...	29. 10	37	36	S	2	bc m	2	Hurst Castle ...	29. 70	49	47	W	7	bc	5
Shields ...	29. 25	42	37	S	2	bc m	2	Dungeness ...	29. 59	50	47	W/NW	7	bc	6
Ardrossan ...	29. 21	43	42	W	4	o	8	North Foreland ...		50	46	W	4	6	+
Malin Head ...	29. 21	44	43	W/NW	6	c & p	7	London ...	29. 59	50	46	W	4	6	+
Mullaghmore ...	29. 46	44	42	W/NW	7	o & p	7	Yarmouth ...	29. 44	46	44	W/NW	5	c & u	4
Belmullet ...	29. 56	46	44	NW	7	c & p	7	Rocheport ...	29. 15	52	51	W	5	7	+
Holyhead ...	29. 51	45	42	W/SW	7	c & p	5								

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

Weather showery over the greater part of our Islands with snow at Wick, but fine and bright in the east of Scotland. Dull over nearly the whole of the Continent with rain over Denmark, Germany and Belgium, as well as at Palermo and Malta and with snow at Helsingfors and Moscow. Fine over Algeria, the south of France and the north of Spain. Snow showers falling at many of the Scotch stations and hail in the north of Ireland.

Temperature highest 58° at Cagliari, 57° at Malta and Algiers, and 56° at Corunna and Sangüinaria; above 50° at most of the Mediterranean stations as well as over the south of England and the west of France. Lowest -1° at Archangel, +8° at Moscow, 16° at St Petersburg, 18° at Kharkov, and 22° at Kiev; below the freezing point at nearly all the Russian stations and varying between 32° and 40° in the northeast of Scotland. Fall taking place over England during day; but thermometer rising above 60° in the south of France and reaching 68° at Perpignan.

Wind W² over the greater part of our Islands and France; strong in force on western and southern coasts with a gale over the eastern part of the Channel. Strong to a gale from the SW² over Germany, moderate to strong from the S² over Denmark, Scandinavia, Finland and the Baltic. Light from the NE² in Spain and also in the south of Russia. Variable over Italy; S² or SE² in Algeria. Subsequently veering to the NW² over the western and northern parts of the United Kingdom gale in Channel subsiding quickly during day.

Barometer highest 30.4 ins. and upwards in an anticyclone lying over central Spain, 30.2 and upwards in another system over central and northern Russia. Lowest 28.9 ins. and less in a depression lying to the north of the Shetlands; secondary disturbances shown over the North Sea and Denmark. Depression subsequently travelling eastwards across the south of Scandinavia and barometer rising steadily in all parts of the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

* AN ASTERISK is inserted in all places for which information is not usually received.
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 Saturday, 2nd January, 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 20).	Weather.	SHADE TEMP.				
		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.	Amount of Rainfall.		
		Ins.	°				Ins.	°	°	°										
SCANDINAVIA.	Haparanda ...	29.52	8	Z	0	0	29.38	10	10			SSW	2	0	#	0	21	8	-	
	Hernösand ...	29.60	16	N	2	0	29.47	+06	13	13	-14	Z	0	#	0	30	12	-		
	Stockholm ...	29.41	22	N	14	S	29.58	+44	22	21	-3	WSW	2	0	#	S	34	18	-	
	Wisby ...	29.35	28	NNE	8	S	29.63	+74	30	27	0	N	6	0	#	S	32	28	0.12	
	Bodo ...	29.36	34	SE	1	0	29.05	-33	35	33	-1	ESE	2	0	#	0	36	30	-	
	Christiansund...	29.44	39	WSW	4	S	29.10	-19	41	35	+9	WSW	8	0	#	S	41	?	0.08	
	Skudesnaes ...	29.60	30	Z	0	0	29.56	+24	42	40	+10	WSW	5	0	#	rb	?	30	0.16	
	Christiania Fjord (Fjorder)	29.60	34	WSW	2	0	29.56	+31	34	33	-3	WSW	3	0	#	0	37	32	-	
	Skagen (The Scaw)	29.60	35	WSW	1	bc	29.63	+48	34	33	-3	W	1	0	#	bc	37	30	-	
	Fanö ...	29.69	30	WSW	1	0	29.82	+54	37	37	+1	WSW	3	0	#	0	39	28	-	
BRITISH ISLANDS.	Sumburgh Head	29.79	39	N	4	0	29.39	-10	45	42	+7	WSW	4	0	#	rb	45	38	0.05	
	Stornoway ...	29.99	38	N	3	bc	29.73	-07	44	43	+6	WSW	6	0	#	rb	44	35	0.08	
	Wick ...	29.89	37	WSW	3	0	29.62	-05	43	42	+5	WSW	5	0	#	rb	?	?	0.05	
	Nairn ...	29.98	39	WSW	1	0	29.75	+08	43	41	+5	WSW	4	0	#	rb	43	36	0.01	
	Aberdeen ...	29.96	37	WSW	5	bc	29.79	+15	40	37	+3	SW	2	bc	#	bc	41	35	0.07	
	Leith ...	30.02	36	WSW	2	0	29.88	+16	41	40	+4	W	5	bc	#	0	45	34	-	
	Shields ...	29.96	39	W	3	0	29.98	+30	39	37	+3	WSW	3	0	#	0	43	32	-	
	Spurn Head ...	29.89	39	WSW	6	ogp	30.08	+12	36	35	-4	WSW	4	cm	#	ogp	43	34	-	
	York ...	29.94	40	N	2	0	30.08	+34	40	38	+4	W	2	0	#	0	43	29	-	
	Loughborough	29.99	36	WSW	1	0	30.15	+42	35	33	-2	WSW	3	0	#	0	44	32	-	
GERMANY & HOLLAND.	Ardrossan ...	30.05	42	W	3	0	30.02	+17	45	43	+3	W	4	0	#	0	45	38	-	
	Malin Head ...	30.13	41	WSW	3	ogp	30.04	+14	43	42	+2	WSW	5	ogp	#	0	43	39	0.07	
	Mullaghmore ...	30.21	43	WSW	5	cp	30.19	+18	44	43	+1	WSW	5	cm	#	cp	44	40	0.06	
	Belmullet ...	30.28	43	WSW	2	bc	30.21	+11	44	43	+2	WSW	4	0	#	pb	45	40	0.04	
	Donaghadee ...	30.14	41	WSW	5	bc	30.14	+26	37	36	-5	W	3	bc	#	bc	44	36	0.02	
	Liverpool (Bidston)	30.09	40	WSW	3	0	30.18	+39	40	39	-1	W	5	0	#	0	43	39	-	
	Holyhead ...	30.12	44	WSW	6	cp	30.21	+36	42	40	-1	WSW	5	cp	#	cp	45	40	-	
	Parsonstown ...	30.25	38	Z	0	0	30.28	+21	35	34	+1	Z	0	0	#	0	43	32	-	
	Valencia ...	30.33	43	WSW	2	bc	30.37	+23	43	41	-2	WSW	2	cp	#	bc	50	36	0.01	
	Roche's Point	30.26	45	WSW	4	0	30.37	+34	41	38	-1	WSW	2	0	#	0	47	35	-	
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	30.16	43	N	4	0	30.30	+37	44	41	+1	WSW	4	0	#	0	45	41	0.01	
	Scilly ...	30.17	46	NNE	5	0	30.35	+34	46	43	-1	WSW	4	bc	#	0	47	42	-	
	Prawle Point ...	30.15	39	WSW	3	0	30.36	+39	35	35	-7	WSW	2	0	#	0	48	34	-	
	Jersey (St. Aubin's)	30.10	46	WSW	4	bc	30.34	+34	41	38	-7	WSW	3	bc	#	cp	51	39	0.03	
	Hurst Castle ...	30.06	40	WSW	3	0	30.30	+43	35	34	-8	WSW	2	bc	#	0	50	32	-	
	Dungeness ...	29.96	36	N	1	0	30.23	+44	29	29	-12	NNE	2	0	#	0	46	28	-	
	North Foreland	29.95	40	WSW	4	0	30.23	+47	35	34	-4	WSW	3	0	#	0	42	30	-	
	London ...	30.03	39	WSW	2	0	30.24	+40	31	30	-6	WSW	1	bc	#	0	45	30	-	
	Oxford ...	30.11	37	WSW	3	0	30.26	+43	31	30	-6	WSW	1	0	#	0	43	31	-	
	Cambridge ...	30.01	38	W	2	0	30.22	+44	34	33	-4	W	1	0	#	0	44	31	-	
PENIN- SULA.	Yarmouth ...	29.85	40	WSW	5	0	30.13	+46	32	32	-5	W	4	bc	#	0	41	31	0.04	
	Cuxhaven ...	29.54	38	W	3	0	29.92	+56	34	33	-5	SW	2	bc	#	0	40	32	0.10	
	Berlin ...	29.61	38	WSW	3	0	29.95	+59	32	31	-8	WSW	3	0	#	0	45	32	0.08	
	Wiesbaden ...	#	#	#	#	#	30.07	+32	38	36	-4	W	1	0	#	0	46	37	-	
	Munich ...	29.91	35	SW	4	0	30.06	+26	33	32	-3	W	5	0	#	0	39	32	0.04	
	The Helder ...	29.74	42	WSW	3	0	30.08	+52	41	40	-1	WSW	2	0	#	0	43	39	0.08	
	Brussels (9 a.m.)	#	#	#	#	#	30.16	+38	35	35	-2	SW	1	0	#	0	42	34	0.08	
	Cape Gris Nez	29.92	42	WSW	4	bc	30.15	+37	39	36	-4	WSW	4	0	#	0	43	37	-	
	Paris ...	30.01	39	SW	1	0	30.20	+25	34	33	-5	NNE	1	0	#	0	48	33	-	
	Brest ...	?	44	NNE	1	0	?	?	39	37	-10	NNE	1	0	#	0	50	36	0.04	
FRANCE AND BELGIUM.	Lorient ...	30.13	45	N	4	0	30.32	+26	40	38	-8	N	1	0	#	0	50	39	-	
	Rochefort ...	?	40	W	1	0	?	?	42	?	?	W	1	0	#	0	45	38	-	
	Belfort ...	?	43	N	1	bc	30.18	+18	36	34	-11	N	3	0	#	0	51	34	0.04	
	Lyons ...	29.76	46	E	1	0	29.82	-02	45	43	+3	ESE	2	0	#	0	55	42	-	
	Perpignan ...	29.99	53	WSW	3	0	30.12	+02	47	42	-4	WSW	5	0	#	0	59	46	-	
	Biarritz ...	30.08	55	WSW	3	0	30.20	+07	46	43	-8	ESE	3	bc	#	0	55	43	-	
	Corunna ...	#	#	#	#	#	30.06	-07	45	45	+4	NNE	3	0	#	0	45	41	-	
	Lisbon ...	30.07	43	N	3	0	30.06	-07	45	45	+4	NNE	3	0	#	0	45	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 Saturday, 2nd January, 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:

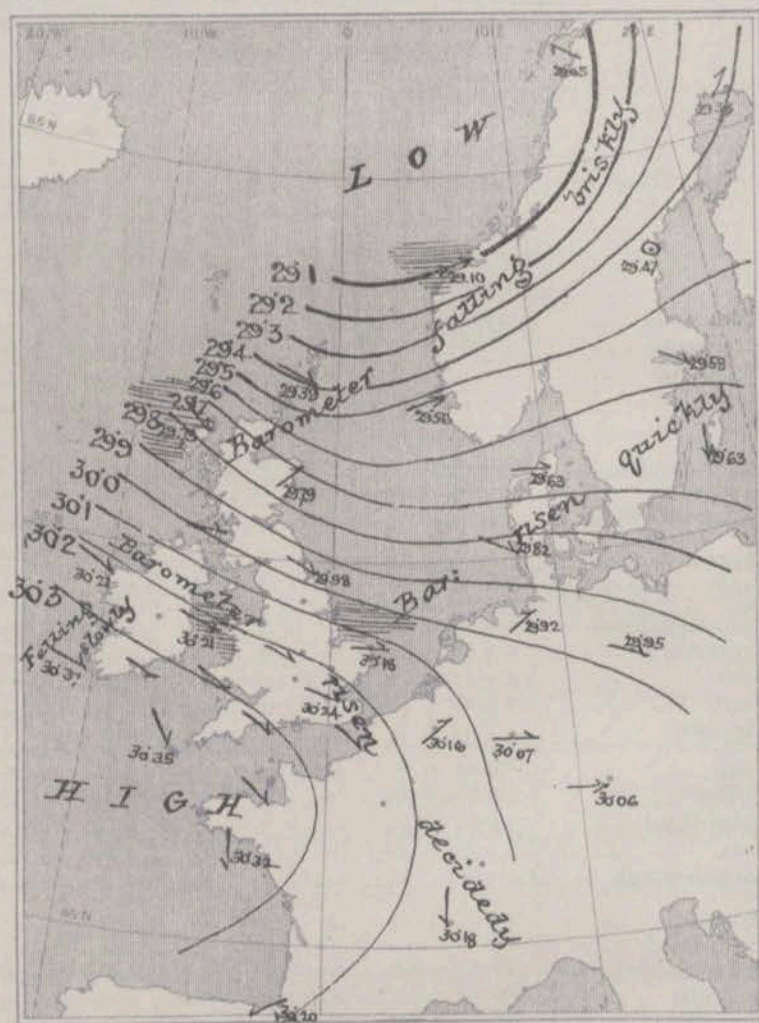
— Rough, — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.875
Stornoway	29.882
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.925
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.855
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

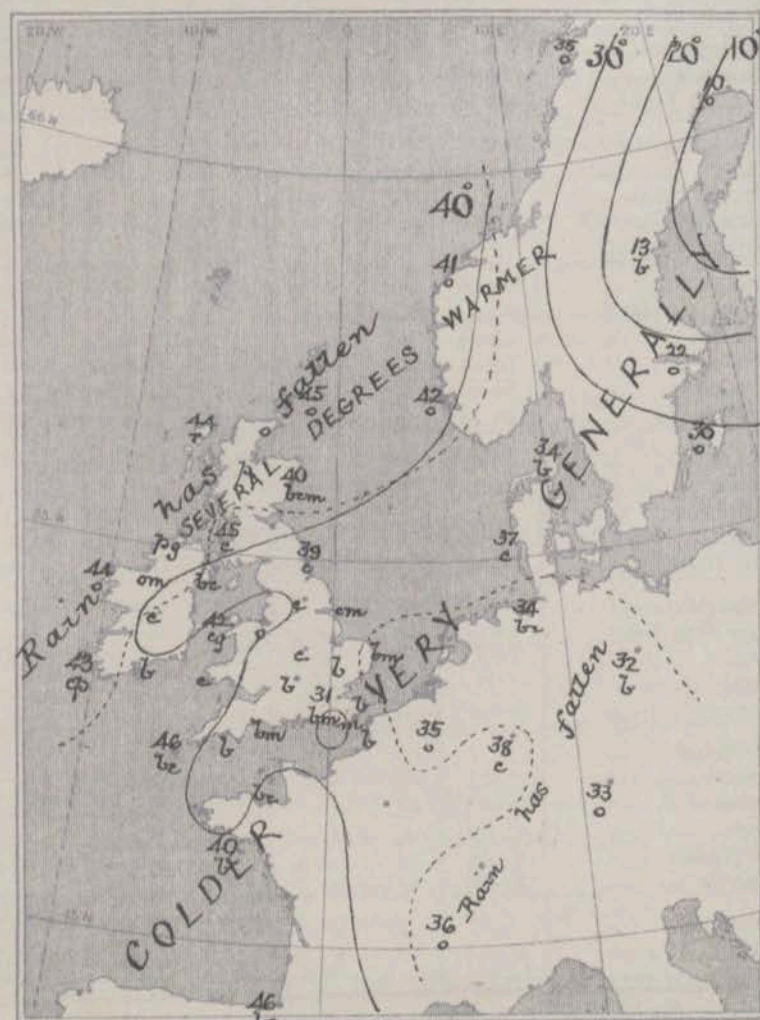
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.3	39.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.8	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head	41.7	34.5	37.7	36.7	1.35
York	42.7	32.5	36.7	35.7	1.87
Loughborough	43.0	32.5	36.4	35.4	2.04
Ardrossan	44.2	36.8	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	1.36
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.6	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	45.5	39.6	42.7	41.3	3.75
Scilly	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards in an anticyclone extending from the Atlantic over the south-west of our Islands and the north-west of Norway.
 Lowest, 29.1 in. in a large depression lying off the west of Norway.
 Gradients moderate or rather steep in the far north, but slight in the south.
 Barometer falling briskly in the north of Scotland and the west of Norway, but rising at all our more southern stations.

TEMPERATURE

Highest, (1) 46° at Lally and Bionitz, and 45° at Labow; (2) 45° at Sumburgh Hd., 44° at Stromsøy, and 43° at Kiel and Nain.
 Lowest, 10° at Haparanda, 13° at Haparand, 11° at Stockholm, 23° at Dungeness, and 31° in London and at Oxford.
 Frost occurred last night in many parts of the United Kingdom.

WIND

W^{ly} or NW^{ly} over our Islands, the North Sea, Denmark, and the Netherlands; fresh or strong in force on our north and north-west coasts, but light in the south.
 Strong to a gale from the SW^{ly} in the west of Norway.
 Light from the N^{ly} over the greater part of France.

WEATHER

Fine over the greater part of Western Europe, but dull in the extreme north and north-west of our Islands and also in the west of Norway, with steady rain in the Hebrides, and passing showers at Nain, Malin Head and Valentia Island.
 Showers fell yesterday at some of our northern and eastern stations, and Aurora was seen at Kiel.

SEA

Rough at Stromsøy and Spurn Hd., and rather rough at Christiansund and Helsingør, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The brisk fall of the barometer which has set in at Sumburgh Head since last evening seems to indicate the advance from the northward of a depression, — secondary to the large disturbance lying off the west of Norway. A considerable increase of wind from the north-westward is probable on our northern coast.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW ^{ly} winds, increasing to a gale; squally, some rain or sleet.	6 SCOTLAND WEST	Same as N ^{os} 1 and 2.
1 SCOTLAND EAST	W ^{ly} to NW ^{ly} winds, increasing in force; fair to unsettled and some cold showers.	7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	NW ^{ly} winds, moderate; fair generally.
3 ENGLAND EAST	W ^{ly} and NW ^{ly} winds, light or moderate; fair generally.	9 IRELAND NORTH	Same as N ^{os} 1 and 2.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as N ^o 8.
5 ENGLAND SOUTH		WARNINGS	At 10.20 am. to district 0. "Hoist north cone"

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.54	35	33	Z	0	b	3	Valencia ...	30.26	47	44	H	3	b c m	3
Sumburgh Head ...	29.73	40	38	H	4	o	4	Scilly ...	30.10	47	44	W W W	5	b c	5
Stornoway ...	29.98	39	38	H	3	b	4	Jersey ...	30.03	49	44	W W W	4	c	3
Aberdeen ...								Hurst Castle ...	29.97	45	42	W W W	3	b	4
Shields ...	29.82	42	38	W	3	c	2	Dungeness ...	29.88	44	41	W W W	2	b c	1
Ardrossan ...	29.97	44	42	W	5	b	4	North Foreland ...	29.86	42	40	W W W	5	c	4
Malin Head ...	30.06	42	40	W W W	5	e	4	London ...	29.91	45	42	W W W	2	b	4
Mullaghmore ...	30.15	43	40	W W	5	c q p	3	Yarmouth ...	29.78	41	38	W W	3	b c	3
Belmullet ...	30.21	43	41	W W W	2	b	2	Rochefort ...	30.04	50	48	W W W	3	o	2
Holyhead ...	30.02	44	42	W W W	6	b c q	6								

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

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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, 3rd January

1892.

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

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).	Weather.	Shade Temp.		Amount of Rainfall.					
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.						
SCANDINAVIA.																							
Haparanda ...	29.23	13	SSE	4	0	29.15	- .23	1	1	-	9	NE	3	bc	#	oe	19	7	-				
Hernösand ...	29.23	18	SE	4	6	29.25	- .52	24	24	+	11	SE	6	s	#	s	28	7	0.39				
Stockholm ...	29.11	33	S	2	0	28.78	- .80	30	26	+	8	WNW	6	b	#	ob	34	19	-				
Wisby ...	29.34	36	S	6	bc	28.99	- .64	32	31	+	2	WNW	9	b	#	cb	37	25	-				
Bodö ...	29.76	32	E	5	0	28.90	- .15	27	25	-	8	E	2	c	2	oc	36	27	-				
Christiansund...	28.82	30	W	9	s	28.77	- .33	27	26	-	14	E	3	b	4	sb	41	27	0.79				
Skudesnaes ...	29.18	36	WNW	7	0	28.90	- .66	35	32	-	7	WNW	7	o	6	o	45	34	-				
Christiania Fjord (Farder)	29.02	41	SSW	8	b	28.86	- .70	35	33	+	1	WSW	8	r	5	br	41	34	-				
Skagen (The Scaw)	29.10	38	W	7	b	29.01	- .62	33	32	-	1	W	6	s	4	bs	41	30	0.04				
Fanö ...	29.52	42	WNW	6	0	29.39	- .43	27	34	-	0	W	7	c	#	oc	43	34	0.04				
Sumburgh Head	29.19	34	NW	8	c	29.25	- .14	34	33	-	11	NW	9	s	8	cs	45	30	0.08				
Stornoway ...	29.65	40	NW	6	r	29.80	+.07	33	33	-	11	NW	8	s	6	rs	44	30	0.12				
Wick ...	29.45	38	NW	8	0	29.58	- .04	36	34	-	7	NW	9	ow	7	ow	44	26	0.15				
Nairn ...	29.59	42	WNW	5	0	29.75	- .00	34	33	-	9	WNW	5	osp	3	ops	45	27	0.05				
Aberdeen ...	29.58	42	W	6	b	29.69	- .10	35	32	-	5	WNW	7	bca	4	bpc	46	32	0.01				
Leith ...	29.72	44	W	6	b	29.83	- .05	33	32	-	8	WNW	3	b	#	b	46	32	-				
Shields ...	29.80	44	WNW	0	0	29.83	- .15	33	30	-	6	W	5	b	3	ospb	45	32	-				
Spurn Head ...	29.92	42	SW	4	c	29.89	- .19	39	36	+	3	WNW	6	c	6	c	42	35	-				
York ...	29.95	43	W	8	bc	29.95	- .13	35	31	-	5	W	1	b	#	cb	44	33	-				
Loughborough	30.05	41	W	5	0	29.96	- .19	40	37	+	5	NW	6	cq	#	oc	44	34	-				
Ardrossan ...	29.87	45	W	5	c	29.90	- .12	38	36	-	7	NW	7	b	5	cb	46	34	0.01				
Malin Head ...	29.93	45	WNW	5	0	29.99	- .05	38	34	-	5	NW	7	bcgtp	4	ocgtp	45	35	0.02				
Mullaghmore ...	30.11	45	WNW	6	0	30.14	- .05	40	35	-	4	NW	6	c	4	ocgpc	45	38	0.05				
Belmullet ...	30.13	46	WNW	6	0	30.16	- .01	39	35	-	5	WNW	6	0	#	ocgpc	46	38	0.10				
Donaghadee ...	30.02	44	WSW	3	c	30.05	- .09	35	34	+	2	NW	5	b	3	cb	44	34	0.05				
Liverpool (Bidston)	30.06	43	WSW	6	0	30.03	- .15	39	36	-	1	WNW	5	0	4	o	44	37	0.08				
Holyhead ...	30.13	45	WSW	4	0	30.07	- .14	40	38	-	2	NNW	6	cq	6	ocq	45	39	-				
Parsonstown ...	30.19	43	Z	0	c	30.20	- .08	37	36	+	2	Z	0	0	#	co	44	34	0.04				
Valencia ...	30.31	43	WNW	3	c	30.24	- .13	44	40	+	1	W	3	b	3	cb	47	42	0.12				
Roche's Point	30.27	44	WNW	3	b	30.21	- .16	43	42	+	2	WNW	3	c	3	bpc	46	39	0.02				
Pembroke (St. Ann's Hd.)	30.23	45	WNW	4	0	30.13	- .17	44	43	-	0	NW	4	cq	3	cq	47	43	0.02				
Scilly ...	30.32	45	WNW	3	c	30.20	- .15	45	43	-	1	WNW	4	c	4	c	46	42	-				
Prawle Point ...	30.30	44	W	3	0	30.17	- .19	42	42	+	7	W	3	bc	2	opc	45	38	0.04				
Jersey (St. Aubin's)	30.35	44	WNW	3	c	30.21	- .13	47	42	+	6	WNW	3	0	3	co	48	38	-				
Hurst Castle ...	30.26	43	W	5	c	30.12	- .18	43	42	+	8	WNW	5	b	3	cb	45	34	-				
Dungeness ...	30.18	41	W	4	bc	30.03	- .20	44	42	+	15	W	4	c	3	c	46	38	-				
North Foreland	30.16	38	NW	3	b	30.00	- .23	38	36	+	3	WNW	3	c	2	bc	42	35	-				
London ...	30.18	40	W	3	c	30.04	- .20	41	39	+	10	W	3	bc	#	c	43	36	-				
Oxford ...	30.16	40	SW	2	0	30.06	- .20	40	38	+	9	SW	3	b	#	ob	42	31	0.01				
Cambridge ...	30.12	40	W	2	b	30.01	- .21	40	39	+	6	SW	1	c	#	bc	43	32	-				
Yarmouth ...	30.04	38	WSW	4	c	29.91	- .22	40	39	+	8	WNW	4	c	3	c	41	31	-				
Cuxhaven ...	29.88	40	WSW	6	r	29.61	- .31	40	40	+	6	WNW	7	r	#	r	42	34	0.26				
Berlin ...	29.95	36	W	3	0	29.73	- .22	40	37	+	8	W	5	0	#	o	40	32	0.04				
Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#				
Munich ...	30.22	32	W	3	bc	30.17	+.11	28	27	-	5	SW	5	b	#	cb	36	27	-				
The Helder ...	29.96	42	W	4	0	29.83	- .25	41	38	-	0	W	5	0	#	o	43	39	0.43				
Brussels (9 a.m.)	#	#	#	#	#	30.06	- .10	39	37	+	4	SW	5	0	#	o	42	35	0.04				
Cape Gris Nez	30.15	42	WNW	5	c	30.04	- .11	45	40	+	6	W	5	0	#	co	45	39	-				
Paris ...	30.22	38	WNW	2	bc	30.22	+.02	38	35	+	4	SW	3	0	#	co	42	34	-				
Brest ...	?	51	Z	0	b	?	?	45	41	+	6	W	1	0	3	bo	51	37	-				
Lorient ...	30.35	43	NNE	1	b	30.26	- .06	39	37	-	1	ENE	1	0	1	bo	48	37	-				
Rochefort ...	30.36	41	N	3	b	30.27	+.02	34	33	-	3	ENE	3	b	#	?	46	32	-				
Belfort ...	?	35	W	1	b	?	?	32	28	-	10	NE	1	b	#	b	45	27	-				
Lyons ...	30.29	35	N	4	b	30.30	+.12	30	28	-	6	NNW	2	b	#	b	29	30	-				
Nice ...	29.96	42	NE	5	c	30.10	+.28	38	?	-	6	NE	4	b	2	cb	50	34	0.12				
Perpignan ...	30.19	45	W	2	b	30.22	+.10	30	28	-	17	SW	1	b	#	b	31	39	-				
Biarritz ...	30.27	44	ENE	3	b	30.13	- .07	33	32	-	13	NE	3	b	2	b	34	30	-				
Corunna ...	#	#	#	#	#	30.15	- .03	50	46	-	2	SSE	3	0	2	o	59	41	-				
Lisbon ...	30.12	51	NE	2	bc	30.10	+.04	52	51	+	7	ESE	3	r	#	3	52	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 Sunday, 3rd Jan. 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:

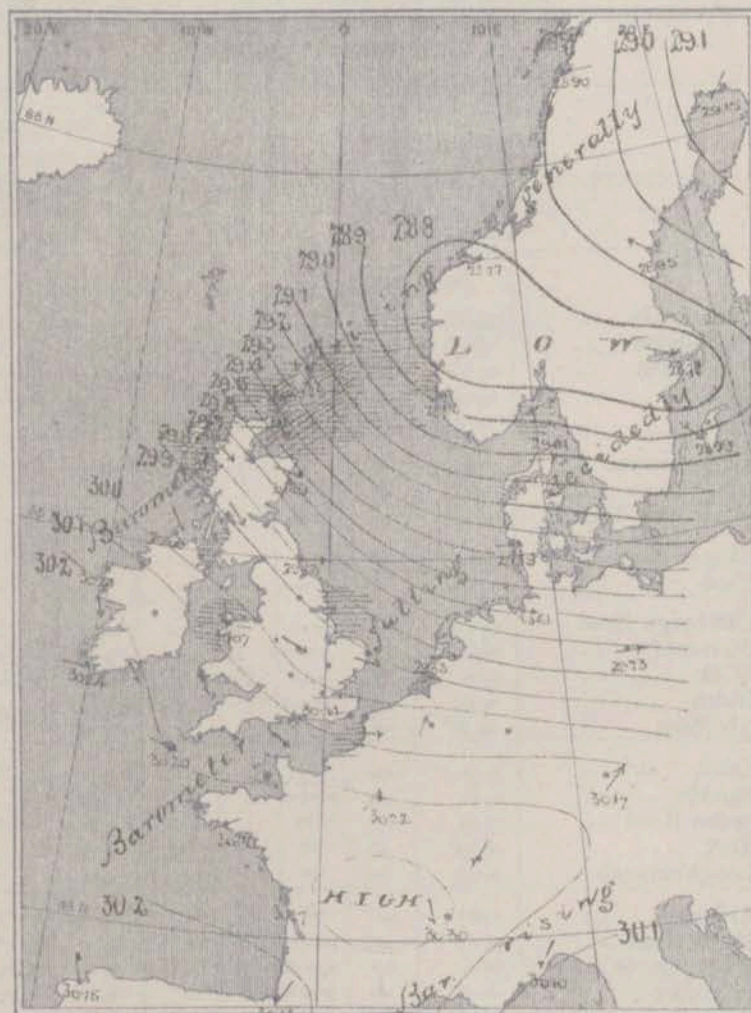
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

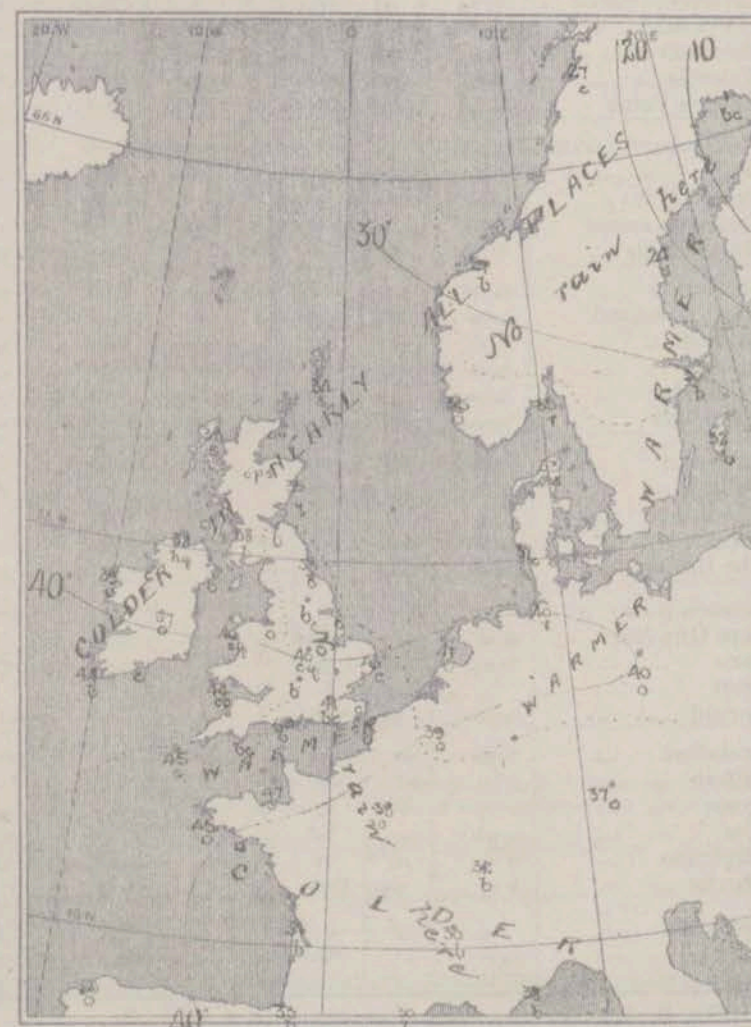
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.9	35.6	39.7	38.4	3.72
Stornoway	43.5	34.5	39.5	38.4	5.30
Wick	42.4	33.3	38.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head	41.7	34.5	37.7	36.7	1.35
York	42.7	32.5	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	4.16
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.6	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	46.5	39.5	42.7	41.3	3.75
Scilly	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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, 30.3 in. and upwards, in an anticyclone lying over Central France.
Lowest, 28.8 in. and less, in a large depression lying over the southern part of Scandinavia.
Gradients steep over the North Sea and extreme north of our Islands, but moderate or slight elsewhere.
Barometer rising in the north of our Islands, but falling elsewhere - most in the south of Scandinavia.

TEMPERATURE

Highest, 52° at Lubeck, 50° at Genua, 45° at Sully and Rost, and 44° at Valence Island and Pembroke.
Lowest, 1° at Haparanda, 24° at Helsingfors, 27° at Riga and Christiansund, 28° at Munich, and 30° at Stockholm and Lyons.
A considerable fall has taken place over the northern parts of our Islands, but a rise in the south.

WIND

NW³ over the greater part of the United Kingdom, strong on all our northern coasts, with a gale in the north of Scotland.
Strong to a gale from the West on the eastern shores of the North Sea, fresh from the same quarter or from SW in Germany.
E¹ over the northern part of Scandinavia; light from the NE¹ or N¹ over the greater part of France.

WEATHER

Fair over the greater part of England, Ireland, and France, but squally, with snow, in the north and east of Scotland.
Snow is also falling at Helsingfors and Riga, and rain at Haparanda.
Showers fell yesterday in the west and extreme north of our Islands generally.

SEA

Very high off the north of Scotland, and rough on our northwest and northeast coasts generally, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 4th January, 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

At 3.30 pm yesterday to districts 1, 2, 6, 7 and 9 hoist north cone. The signals are now flying on all our northern coasts.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.		THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.								Dry.	Wet.				
Skudesnaes ...	29.52	44	42	W	7	r	5	Valencia ...	30.33		46	45	W	3	op	3
Sumburgh Head ...	29.21	40	37	WNW	8	c	6	Scilly ...	30.35		46	42	WNW	3	c	4
Stornoway ...	29.67	44	43	NW	6	r	6	Jersey ...	30.36		46	43	NW	3	b	3
Aberdeen ...	29.64	44	39	WSW	5	bq	3	Hurst Castle ...	30.27		43	41	W	2	b	2
Shields ...	29.85	45	41	W	7	c	2	Dungeness ...	30.20		45	41	W	2	b	1
Ardrossan ...	29.43	46	45	W	5	c	4	North Foreland ...	30.18		40	39	NW	3	b	3
Malin Head ...	29.97	45	43	WNW	5	o	4	London ...	30.21		43	39	W	3	c	*
Mullaghmore ...	30.13	45	43	W	6	opq	5	Yarmouth ...	30.09		39	37	W	4	c	3
Belmullet ...	30.19	47	44	NW	4	o	4	Rocheport ...	30.28		44	42	ENE	4	b	*
Holyhead ...	30.17	45	42	WSW	4	cq	4									

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

Weather in morning fine generally over the greater part of Central and Western Europe, including all but the northern part of the British Islands, dull in the extreme northwest, with rain over the northern parts of Ireland and Scotland. Showers of rain, sleet or snow falling at our western and most northern stations later, as well as in Norway and Sweden, rain over the Netherlands, some parts of Russia, northern Italy and Algeria.

Temperatures risen in Scotland and Norway, fallen elsewhere; morning readings exceeding 50° at many Mediterranean stations and at Corunna, and exceeding 40° on the western and northern coasts of the British Isles and in Norway — much lower elsewhere. Lowest of all (1) -11° F. at Archangel, -8° at Kuopio, +1° at Helsingfors, 2° at Ulsaborg, 13° at Haparanda, 14° at Riga, 26° at Moscow and Narva, 29° at Dungeness, 31° in London, 34° at Paris. Falling at the Scotch stations later, rising over England. Daily maxima exceeding 60° over the south of Italy and in Algeria, and approaching 70° in some localities.

Windlight and anticyclones over Spain, the Bay of Biscay, France, and the southern part of our Islands; (2) strong NW³ in Scotland and WSW³ over the southern half of Norway; (3) Moderate NW⁴ over Germany, and W³ over the southern half of Russia; (4) circulating cyclonically (but of moderate strength) over Italy and the Mediterranean. Increasing to a stiff gale from NW in Scotland later and to a gale from W in Norway.

Barometer highest 30.3 ins and more to 30.1 ins in an anticyclone spreading in from the Atlantic over Western Europe. Lowest 29.1 ins and less, in a deep depression approaching Scandinavia from the westward; 29.2 ins and less, in a large shallow system over Central Russia, and below 29.8 in two others — one over Dalmatia, the other over Corica and the Gulf of Genoa. Russian depression filling up later, those over Norway and the Mediterranean 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

Monday, 4th January,

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.	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 ...		29.26	-1	NE	2	b	29.39	+24	-7	-7	-8	N	2	b	#	b	16	2	-	
Hernösand ...		28.92	17	N	9	S	29.34	+39	12	11	-12	NW	8	0	#	S	32	12	0.12	
Stockholm ...		28.80	24	SW	2	b	29.10	+32	21	20	-9	NW	6	0	#	b	36	19	0.12	
Wigby ...		28.84	34	W	8	bc	29.13	+14	28	27	-4	NW	8	0	#	bc	37	27	0.04	
Bodo ...		29.16	25	E	2	b	29.35	+45	21	17	-6	E	2	b	1	b	27	18	0.04	
Christiansund...		29.08	37	NE	3	C	29.49	+72	28	28	+1	SEW	1	C	4	C	37	27	-	
Skudesnaes ...		29.18	36	NW	8	r	29.48	+58	37	36	+2	NW	4	C	4	r	37	34	-	
Christiania Fjord (Furder)		29.05	31	NW	5	b	29.37	+51	31	28	-4	NW	5	0	4	b	36	30	-	
Skagen (The Scaw)																				
Faro ...		29.41	35	NW	6	b	29.46	+11	39	38	+2	NW	6	C	#	b	41	34	0.32	
Sumburgh Head		29.53	36	NW	5	0	29.83	+58	36	35	+2	N	4	C	7	0	37	32	0.13	
Stornoway ...		29.96	33	NW	6	S	30.11	+31	32	32	-1	NW	6	S	6	S	36	29	0.08	
Wick ...		29.75	29	NW	9	0	29.95	+37	33	32	-3	NW	7	OU	2	SO	36	25	0.12	
Nairn ...		29.81	33	NW	6	0	30.04	+29	33	31	-1	NW	4	C	3	0	34	30	-	
Aberdeen ...		29.81	33	NW	8	bc	29.98	+29	33	32	-2	NW	6	0.5 gyp	5	0.5 gyp	37	31	0.04	
Leith ...		29.92	34	NW	3	b	30.06	+23	34	32	+1	NW	4	b	#	b	40	30	-	
Shields ...		29.90	34	W	3	b	29.98	+15	30	29	-3	NW	3	C	2	b	38	27	-	
Spurn Head ...		29.89	36	W	5	b	29.97	+08	34	33	-5	NW	5	C	5	b	39	31	-	
York ...		29.95	34	NW	1	b	30.05	+10	30	29	-5	NW	1	C	#	b	41	28	-	
Loughborough		29.98	33	W	2	b	30.08	+12	26	25	-14	NW	2	b	#	b	41	25	-	
ARROSSAN		29.99	36	NW	3	b	30.14	+24	32	31	-6	NW	1	b	1	b	40	31	-	
Malin Head ...		30.06	38	NW	6	bcsp	30.19	+20	35	33	-3	NW	6	bcsp	4	bcsp	39	32	-	
Mullaghmore ...		30.17	39	NW	6	chsp	30.27	+13	35	34	-5	NW	5	bc	3	chsp	40	34	0.09	
Belmullet ...		30.21	35	NW	4	chsp	30.31	+11	37	35	-2	N	2	b	#	bcsp	40	34	0.14	
Donaghadee ...		30.07	34	W	5	S	30.17	+12	37	34	+2	NW	6	b	4	S	37	33	0.11	
BRITISH ISLANDS.																				
Liverpool (Bidston)		30.02	38	NW	5	bc	30.11	+08	34	31	-5	NW	3	b	3	bc	40	34	0.01	
Holyhead ...		30.06	39	NW	6	Cg	30.16	+09	39	36	-1	NW	6	0.9 g	6	Cg	43	35	0.01	
Parsonstown ...		30.20	34	W	0	b	30.30	+10	29	29	-8	W	0	b	#	b	39	28	-	
Valencia ...		30.28	41	NW	5	0	30.36	+12	35	34	-9	N	1	b	3	0	45	34	0.08	
Roche's Point		30.22	39	NW	4	bcgyp	30.28	+07	36	34	-7	NW	3	b	3	Cgyp	44	32	-	
Pembroke (St. Ann's Hd.)		30.13	39	NW	3	bc	30.16	+03	38	36	-6	NW	4	bc	3	bc	44	37	-	
Scilly ...		30.13	45	NE	4	0	30.17	-03	42	39	-3	NW	5	C	4	0	46	38	0.04	
Prawle Point ...		30.12	38	NW	1	0	30.16	-11	32	32	-10	N	2	b	1	Cp	46	31	0.02	
Jersey (St. Aubin's)		30.11	45	NW	3	Cpym	30.12	-09	41	36	-6	NW	3	bc	3	grsh	48	37	0.06	
Hurst Castle ...		30.07	40	NW	3	0	30.08	-04	31	30	-12	NW	2	b	2	0	46	31	-	
Dungeness ...		30.01	40	N	2	m	30.00	-03	27	27	-17	N	1	m	1	m	48	24	-	
North Foreland		30.00	38	NW	5	b	29.98	-02	32	30	-6	NW	4	b	4	0b	43	30	-	
London ...		30.02	37	NW	2	b	30.06	+02	28	26	-13	NW	1	bf	#	rsqb	44	28	0.02	
Oxford ...		30.06	32	NW	2	b	30.09	+03	28	27	-12	N	1	b	#	b	41	28	-	
Cambridge ...		30.01	33	W	1	b	30.04	+03	27	26	-13	NW	1	b	#	b	43	25	-	
Yarmouth ...		29.92	34	W	3	bc	29.94	+03	31	30	-9	NW	4	C	4	bc	41	28	-	
GERMANY & HOLLAND.																				
Cuxhaven ...		29.61	38	NW	8	S	29.63	+02	39	38	-1	W	6	0	#	S	41	37	0.12	
Berlin ...		29.69	33	W	5	b	29.68	-05	35	32	-5	W	5	b	#	b	41	?	-	
Wiesbaden ...		#	#	#	#	#	29.93		32	31		W	2	0	#	?	39	30	0.08	
Munich ...		30.04	29	SW	5	C	29.94	-22	25	24	-3	SW	4	C	#	C	43	25	-	
The Helder ...		29.65	41	NW	5	bc	29.86	+03	39	37	-2	NW	4	C	4	bc	43	39	0.04	
FRANCE AND BELGIUM.																				
Brussels (9 a.m.)		#	#	#	#	#	29.98	-08	29	28	-10	NSW	2	0	#	b	42	29	-	
Cape Gris Nez		30.00	40	NW	4	0	30.00	-03	34	32	-11	NW	3	bc	4	0	43	32	-	
Paris ...		30.08	40	SW	3	0	30.02	-20	35	33	-3	N	1	C	#	0	42	33	0.04	
Brest ...		?	44	NW	1	0	?	?	37	36	-8	NE	1	bc	2	0	48	36	-	
Lorient ...		30.12	42	W	0	0	30.08	-18	41	35	+2	NW	4	C	2	0	46	37	-	
Rocheport ...		30.14	35	ENE	4	b	30.04	-23	37	32	+3	NW	3	0	#	b	43	34	-	
Belfort ...																				
Lyons ...		30.20	33	N	1	0	30.03	-27	25	25	-5	ESE	1	?	#	0	34	24	-	
Nice ...		29.99	39	ESE	2	b	29.89	-21	37	?	-1	NE	3	?	2	b	50	34	-	
Perpignan ...		30.04	38	W	0	b	29.93	-29	34	32	+4	SW	1	0	#	b	51	30	-	
Biarritz ...		30.04	44	ESE	3	b	29.99	-14	44	42	+11	NW	3	?	2	b	48	33	-	
PENINSULA.																				
Corunna ...		#	#	#	#	#														
Lisbon ...		30.06	56	SSW	3	C	29.92	-18	53	53	+1	W	0	C	#	0	57	50	0.28	

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 4th Jan^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.
— lead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

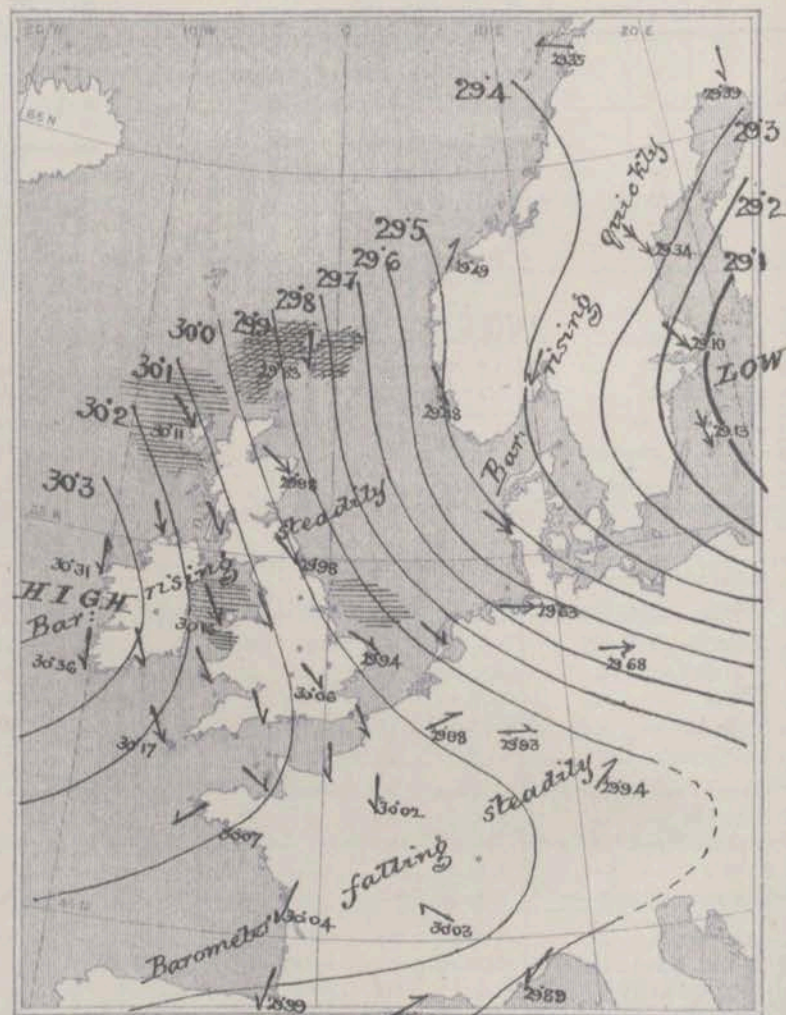
☐ = Rough. ☐ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Seilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

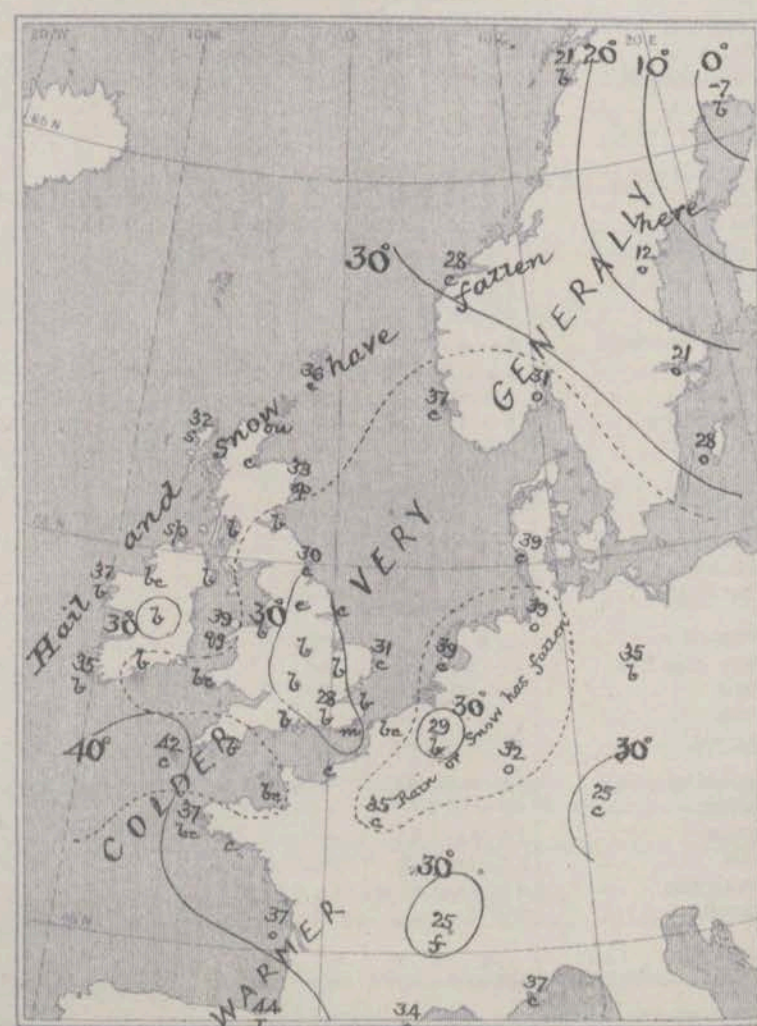
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	8.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.6	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.35
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	40.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.30
Pembroke.....	45.6	30.6	42.7	41.3	3.75
Seilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.6	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in: and upwards, in an anticyclone extending from the Atlantic over the west of Ireland.
 Lowest, 29.1 in: and less, over the northern part of the Baltic.
 Gradients moderate over the North Sea, but slight elsewhere.
 Barometer rising at all but the French and German stations.

TEMPERATURE

Highest, 53° at Dublin, 44° at Birnity, 42° at Seilly, 41° at Jersey and Lorient, and 39° at Holyhead.
 Lowest, (1) -7° Fahr at Haparanda, +12° at Helsingfors and 21° at Stockholm; (2) 25° at Munich, (3) 26° at Loughborough, and 27° at Dungeness and Cambridge.
 Sharp frost occurred last night in most parts of Great Britain.

WIND

Strong from the NWnd on all the more exposed part of our northern coast, as well as in Sweden and Denmark, with gales at Helsingfors and Wistky.
 Light from the NWnd or Nnd in the south of our islands, and from the Nnd or NEnd in France.
 Moderate to fresh from the Wnd or SWnd in Germany.

WEATHER

Fine over the greater part of our islands, the Netherlands, and the North Sea, but snow falling at some of the Scotch stations.
 Dull in Sweden and also over the southern part of France, with rain at Biarritz.
 Showers of hail, sleet or snow fell yesterday in many parts of the United Kingdom.

SEA

Rough off the north of Scotland as well as at Holyhead, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The winds reported this morning from the west of Norway seem to indicate that another depression is approaching Scandinavia from the northward. Rough unsettled weather is therefore likely to continue on our northern coasts, but in the south the conditions will probably remain fair and quiet for the present.

FORECASTS

For the 24 hours ending at NOON on 5th Jan^y. 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

NW² winds, strong; squally, some snow showers.
 W² and NW² winds, fresh; fair generally but snow showers in places.
 NW² winds, light or moderate; fine generally.

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

Same as No 2.
 NW² winds, strong; fair generally, but snow showers in places.
 N² and NW² winds, light; fair generally.
 Same as No 7.
 Same as No 8.

WARNINGS

The North Cone is still in districts 1. 2. 6. 7. and 9.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.07	34	32	HW	8	Shag	6	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.90	35	35	HW	6	S	6	Jersey ...	30.14	46	44	W	4	C	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.00	46	43	W	4	bc	3
Ardrossan ...								North Foreland ...	29.99	40	33	HW	5	O	3
Malin Head ...	30.01	38	35	HW	6	bc	4	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.23	36	35	HW	5	O	4	Rocheport ...	30.17	40	39	ESE	3	O	4
Holyhead ...	30.08	40	36	HW	6	bc	6								

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

Weather in morning fair generally over the southwestern and southern parts of our Islands as well as over France, south Germany and the greater part of the Mediterranean; fine also over Lapland and the north of Norway. The rough unsettled and squally over Scotland, the North Sea, the Baltic and south of Scandinavia, with snow and sleet in many places, cold rain in others. Sleet and cold rain showers in many localities later followed by drier and colder weather generally.

Temperature risen over Germany, France and the south of our Islands fallen elsewhere. Morning readings exceeding 50° on the southern shores of the Mediterranean and on the Portuguese coast, exceeding 40° on the south-west and southern coasts of our Islands and the north coasts of France, lower elsewhere. Lowest -13° F. at Archangel, -1° at Ulenburg, +1° at Kuopio, 2° at Moscow, 8° at St. Petersburg, 9° at Kharkov, 12° at Odessa, 28° at Buda Pesth and Munich, 33° at the Scaur, Leith and Shields, and 35° at York. Rising to between 40° and 48° over England during day and to 50° and more in the south of France, but becoming frosty and keen at night.

Wind Light and anticyclonic over southwestern, central and southeastern Europe, moderate and cyclonic over the Mediterranean (NE. to N. over the northern parts, W. in the south) moderate W. to NW. over England, strong to a strong gale from NW. over Scotland and from W. over the North Sea and Baltic; strong S. over the Gulf of Finland, moderate E. over the northern half of Scandinavia. Veering northwards and moderating over our Islands later, but still blowing a gale over the northern parts of the North Sea.

Barometer highest (1) 30.3 ins. and more to 30.5 ins. over the greater part of France, S. Germany, Spain and Algeria; (2) 30.1 ins. and more to 30.3 ins. over the Black Sea and S. of Russia. Lowest 28.8 ins. and less in a complete depression over Scandinavia, gradient very steep over Scotland, the North Sea, Denmark and the Baltic, moderate to slight elsewhere. Rising over the northern parts of our Islands later, falling in the south and over France.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 27th DEC. 1891 TO 2nd JAN. 1892.

The weather of the past week has been for the most part cold in Scotland but mild damp and unsettled over England and Ireland, where the maximum temperature has frequently risen above 50°.

Barometrical pressure has been highest in an anticyclone lying over Spain and the south of France, and lowest in a series of cyclonic disturbances moving northwards along our extreme northwestern and northern coasts and the prevailing winds have therefore been SW. The most important depression was that of the 29th Dec. which occasioned strong S. gales on many parts of our western coasts. On the following day when some secondary disturbances travelled across Ireland and England a fresh W. gale was experienced in the Channel and in the course of the following night lightning was seen at some of our northern stations, while a thunderstorm occurred in the Hebrides.

On the 31st Dec. the large depression in the north travelled away to the Baltic and the barometer rose generally while the wind veered to the NW. with improving weather. An anticyclone now advanced over the southern part of the Kingdom where the weather remained fair and dry but at the close of the week a large depression advanced to the west of Norway from the northwestern and occasioned strong NW. gales and snow squalls in the north of Scotland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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 3 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 5th January.*

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.		Force (0 to 12).	Weather.	Barometer.		Shade Temp.			Wind.		Force (0 to 12).	Weather.	Sea (10 to 9).	Shade Temp.		Amount of Rainfall.	
			Reading at 32° F. and Sea Level.	Dry Bulb.			Direc.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Max.				Min.			
Inch.	°					Inch.	°	°	°									Inch.		
SCANDINAVIA.																				
Haparanda ...	29.42	10	2	0	0	29.39	0.0	-1	-1	+6	2	0	0	*	0	?	-13	—		
Hernösand ...	29.53	2	2	0	2	29.29	-11	24	23	+12	SE	4	0	*	6	?	-6	—		
Stockholm ...	29.49	12	NW	2	6	29.47	+3	10	9	-11	2	0	6	*	6	25	?	—		
Wisby ...	29.58	25	WNW	6	0	29.58	+45	21	20	-	SEW	4	6	*	0	30	?	0.05		
Bodö ...	29.22	22	E	2	6	29.19	-46	23	21	+2	E	6	6	*	6	20	16	—		
Christiansund...	29.41	35	WNW	6	5	29.71	-70	36	33	+3	WNW	6	8	5	8	36	30	0.24		
Skudesnaes ...	29.67	36	WNW	5	5	29.54	-54	42	40	+5	W	8	7	6	6	?	36	0.47		
Christiania Fjord (Frier)	29.58	33	SW	3	6	29.19	-18	38	36	+7	WNW	6	0	4	6	?	31	—		
Skagen (The Scaw)	29.63	30	WNW	1	6	29.31	-33	35	33	+1	WNW	6	8	3	6	37	23	0.04		
Fanö ...	29.71	32	NW	2	6	29.60	+14	37	35	-2	W	5	0	*	6	41	32	0.04		
BRITISH ISLANDS.																				
Sumburgh Head	29.71	35	NW	3	0	29.05	-70	34	32	-2	N	5	0	6	0	37	30	0.06		
Stornoway ...	29.53	33	NW	2	0	29.26	-75	40	42	+11	NW	8	7	6	0	43	30	0.10		
Wick ...	29.72	31	NW	6	0	29.20	-75	33	32	0	NW	7	0	4	0	40	25	0.12		
Nairn ...	29.90	35	WNW	2	0	29.24	-70	41	40	+8	WNW	7	0	2	0	44	28	0.01		
Aberdeen ...	29.58	31	WNW	3	6	29.30	-68	41	38	+3	W	6	0	3	6	48	30	0.02		
Leith ...	30.06	30	WNW	2	6	29.43	-63	43	42	+9	WNW	5	0	*	6	43	29	—		
Shields ...	30.06	34	NW	2	0	29.58	-40	41	39	+11	WNW	4	0	2	0	41	26	—		
Spurn Head ...	30.01	35	WNW	5	6	29.30	-22	35	34	+1	SW	5	0	6	6	35	29	—		
York ...	30.09	35	N	2	0	29.60	-36	37	36	+7	SW	4	0	*	6	38	24	—		
Loughborough	30.10	29	WNW	2	6	29.88	-20	33	31	+7	WNW	5	0	*	6	36	25	—		
GERMANY & HOLLAND.																				
Ardrossan ...	30.11	38	WNW	2	6	29.54	-60	46	46	+14	W	5	0	4	6	46	31	0.01		
Malin Head ...	30.15	38	NW	4	0	29.63	-56	40	44	+10	WNW	5	0	0	0	45	?	0.07		
Mullaghmore ...	30.23	36	WNW	4	0	29.83	-44	40	44	+10	WNW	6	0	4	0	45	34	0.11		
Belmullet ...	30.25	36	WNW	4	0	29.85	-46	40	48	+8	WNW	7	0	3	0	46	34	0.05		
Donaghadee ...	30.18	32	WNW	4	6	29.72	-48	39	39	+2	WNW	5	0	3	6	39	32	0.01		
FRANCE AND BELGIUM.																				
Liverpool (Bidston)	30.15	35	NW	2	6	29.82	-25	40	38	+6	WNW	5	0	4	6	40	34	—		
Holyhead ...	30.17	35	N	5	6	29.86	-30	42	41	+3	WNW	4	0	4	6	43	34	0.11		
Parsonstown ...	30.28	31	2	0	6	29.92	-38	41	41	+12	SW	2	0	*	6	42	28	—		
Valencia ...	30.26	39	NW	2	0	30.08	-28	46	44	+11	W	4	0	5	0	46	38	0.07		
Roche's Point	30.31	36	WNW	3	6	30.04	-24	42	40	+6	W	3	0	3	6	42	34	—		
PENINSULA.																				
Pembroke (St. Ann's Hd.)	30.22	36	NE	3	8	29.88	-17	44	44	+6	W	6	0	5	8	44	32	0.06		
Scilly ...	30.21	41	N	5	6	30.16	-01	42	39	0	WNW	5	0	4	6	42	37	—		
Prawle Point ...	30.21	34	N	2	6	30.13	-03	38	34	+6	W	3	0	2	6	41	29	—		
Jersey (St. Aubin's)	30.15	38	WNW	3	6	30.15	+07	35	32	-6	NW	3	0	3	6	46	33	0.03		
Hurst Castle ...	30.14	31	SW	3	6	30.07	-01	36	35	+5	WNW	5	0	1	6	40	24	—		
FRANCE AND BELGIUM.																				
Dungeness ...	30.04	31	WNW	2	m	30.03	+33	28	28	+1	NW	3	0	2	m	35	22	—		
North Foreland	30.05	35	WNW	4	6	29.57	-01	29	29	-3	W	3	0	3	6	36	27	—		
London ...	30.12	31	WNW	1	6	30.01	-05	29	26	-1	WNW	2	0	*	6	36	23	—		
Oxford ...	30.16	29	NW	2	6	30.00	-05	28	29	+2	WNW	3	0	*	6	36	25	—		
Cambridge ...	30.10	32	NW	1	6	29.54	-10	29	28	+2	SW	1	0	*	6	37	23	—		
Yarmouth ...	29.58	35	NW	4	0	29.51	-03	29	29	-2	W	3	0	4	6	37	25	—		
GERMANY & HOLLAND.																				
Cuxhaven ...	29.72	38	WNW	4	7	29.80	+17	36	35	-3	SW	3	0	*	7	42	34	0.04		
Berlin ...	29.77	36	W	4	0	29.84	+16	36	35	+1	W	2	0	*	0	37	35	0.04		
Wiesbaden ...	#	#	#	#	#	30.02	+09	32	30	0	NW	2	0	*	*	36	30	—		
Munich ...	29.92	29	W	1	8	29.89	+05	24	24	-1	2	0	*	*	34	23	0.04			
The Helder ...	29.94	40	NW	1	6	29.87	+01	38	36	-1	WNW	3	0	*	6	41	36	—		
FRANCE AND BELGIUM.																				
Brussels (9 a.m.)	#	#	#	#	#	30.01	+03	33	33	+4	WNW	2	0	*	6	36	29	0.04		
Cape Gris Nez	30.02	35	WNW	3	0	30.03	+03	33	32	-1	WNW	4	0	4	6	37	32	—		
Paris ...	30.07	31	N	2	6	30.10	+08	30	29	-5	WNW	1	0	*	6	?	27	—		
Brest ...	?	35	N	2	0	?	?	37	35	0	NE	1	0	2	0	45	34	0.24		
Lorient ...	30.13	38	WNW	4	6	30.20	+12	38	33	-5	ENE	2	0	2	6	40	36	—		
FRANCE AND BELGIUM.																				
Rochefort ...	30.07	38	E	4	6	30.19	+15	31	30	-6	ENE	3	0	*	6	41	31	—		
Belfort ...	?	35	SW	3	8	?	?	32	28	-4	SW	3	0	*	8	36	30	0.01		
Lyons ...	30.01	32	NW	1	0	30.02	-01	30	29	+5	WNW	3	0	*	0	32	?	—		
Nice ...	29.53	47	NW	3	0	30.08	+10	32	31	+3	NW	6	0	*	0	36	?	—		
Perpignan ...	30.06	41	ENE	3	0	30.18	+16	35	32	-3	SE	3	0	2	0	46	28	0.04		
Biarritz ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lisbon ...	29.85	51	W	1	0	29.56	+04	51	47	-2	NE	5	0	*	0	59	50	0.05		

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, 5th Jan^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:

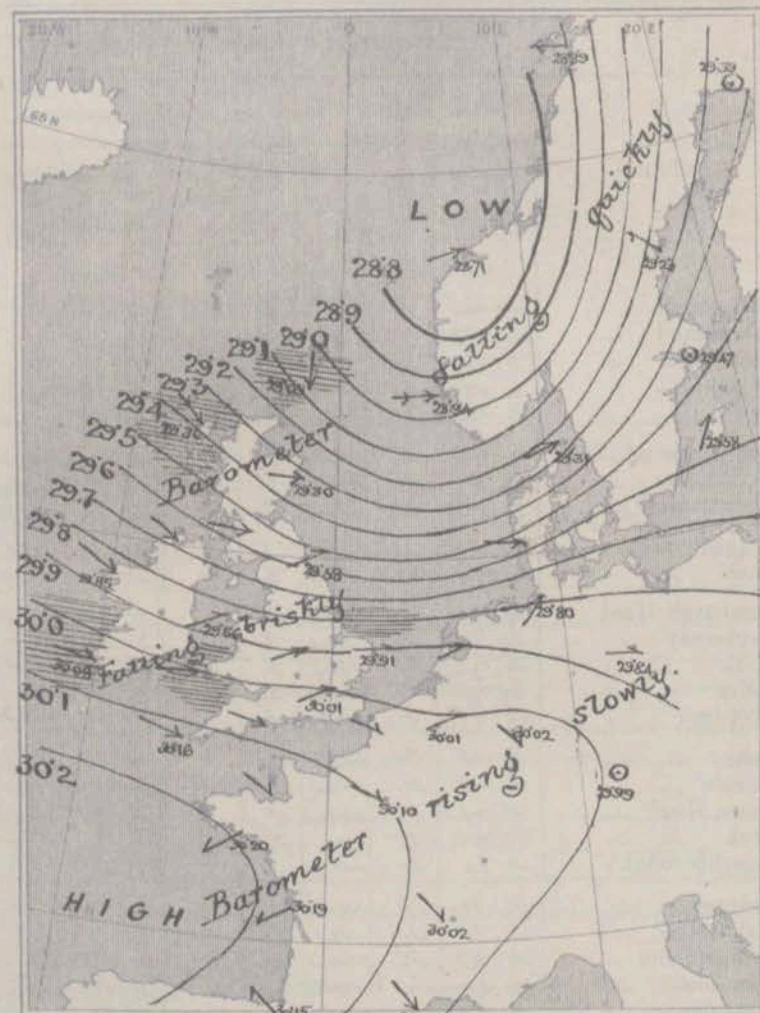
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	INS.
Sumburgh Head	29.975
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
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Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
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Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

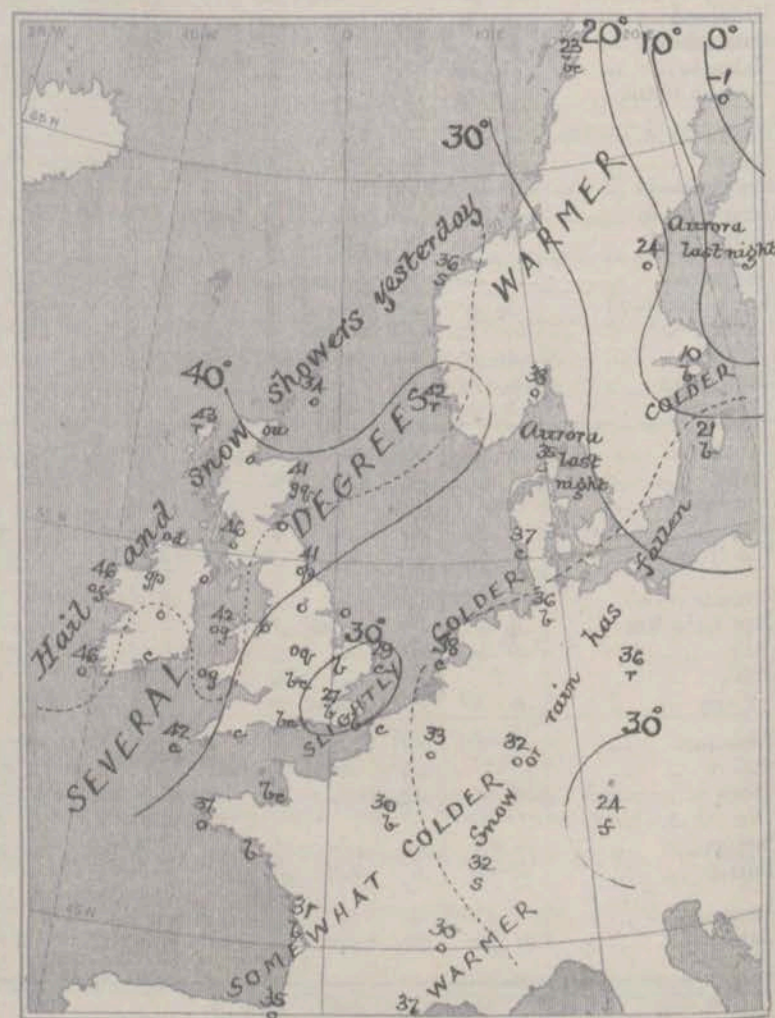
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.3	38.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head	41.7	34.5	37.7	36.7	1.35
York	42.7	32.5	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	4.36
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.6	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	45.5	39.6	42.7	41.3	3.76
Scilly	48.8	42.9	45.4	44.0	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.4	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: and upwards in an anticyclone lying over the Bay of Biscay.

Lowest, 28.8 in: and less, in a depression lying off the west of Norway.

Gradients steep over Scandinavia and the North Sea, but moderate or slight elsewhere.

Barometer falling quickly in Norway and the north of our Islands, and less rapidly at all but the French and German stations.

TEMPERATURE

Highest, 51° at Lisbon, 46° at Antwerp, Belmullet, and Valencia Island, and 45° at Malin Head and Mullaghmore.

Lowest, -1° Fast. at Haparanda, +10° at Stockholm, 21° at Wisby, 23° at Rode, 24° at Helsingfors, and 27° in London.

Sharp frost occurred over England last night, in London the thermometer fell to 23° in the screen and to 12° on the grass.

WIND

Moderate to strong, from the West over the greater part of the United Kingdom, but strong to a gale from the NW in the north of Scotland.

Strong from the West or SW on the eastern shores of the North Sea, with a gale at Skudenes.

Moderate from the S or SE in Sweden; light from the E in the west of France.

WEATHER

Dull in all but the extreme southern part of the United Kingdom, with rain at Stornoway, and with passing showers at Shields and Mullaghmore; dull also in Scandinavia and Denmark, with snow at Christiansund and Skagen.

Fine over the central and northern parts of France.

Sleet and hail showers fell yesterday at several of our western and northern stations.

SEA

Rough off the north of Scotland and the west of Norway, as well as at Spinn H and Dargladet, and rather rough at Valencia Island and Helsingfors.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the west of Norway seems likely to travel southwards across Scandinavia. The wind over our Islands will probably veer to the northward, with a considerable increase of force on all our northern coasts.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW ² to N ² strong winds and gales; squally, some snow.	6 SCOTLAND WEST	W ² to NW ² winds, increasing in force; unsettled, some sleet or snow.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.	SW ² to W ² winds, increasing in force; squally, some snow.	8 ENGLAND S.W.	W ² to NW ² winds, fresh or strong; unsettled, some cold showers.
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES	W ² winds, freshening considerably; fair to unsettled and some snow.	10 IRELAND SOUTH	Same as N ^{os} 6 and 7.
5 ENGLAND SOUTH			
		WARNINGS	Orders were issued at 7 pm yesterday to hoist north cone in districts 0 to 2, 6, 7, and 9.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.65	37	35	NW	5	7	4	Valencia ...	30.25	42	39	NW	2	6cm	2
Sumburgh Head ...	29.84	37	32	NW	4	0	6	Scilly ...	30.18	42	37	N	5	6cm	4
Stornoway ...	30.08	32	32	NW	2	7	4	Jersey ...	30.11	40	35	NW	3	6cm	3
Aberdeen ...	30.03	33	33	NW	5	6cm	4	Hurst Castle ...	30.11	40	37	NW	3	6	2
Shields ...	30.04	36	32	NW	4	C	3	Dungeness ...	30.02	35	33	N	3	6	4
Ardrossan ...	30.14	37	35	N	4	C	3	North Foreland ...	29.87	35	33	NW	4	6	4
Malin Head ...	30.18	37	35	NW	4	C	3	London ...	30.07	36	33	N	1	6cm	*
Mullaghmore ...	30.26	37	36	NW	4	0	2	Yarmouth ...	29.96	36	32	NW	4	on	4
Belmullet ...	30.31	37	37	NW	3	0	*	Rochefort ...	30.02	37	37	E	3	0	*
Holyhead ...	30.16	37	35	N	5	6cm	5								

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

Weather in morning fine and bright over England and Ireland, fair generally over France, fine over Italy and Algeria, as well as over Lapland; cloudy or overcast elsewhere, and very unsettled over Finland, the Baltic, and the north of Holland. Sleet or snow falling at many stations in the last named regions as well as at Nicolaiff. Snow falling later in Norway, Scotland, and the north of Ireland, as well as at some of our southern stations, cold showers also in several parts of France and Germany.

Temperature low generally, morning readings exceeding 55° on the coast of Algeria, Malta, and southern Italy, and about 50° in the southwest of Spain. Exceeding 40° in the west of France and at Jersey and Scilly, much lower elsewhere. Lowest of all (1) -7° at Haparanda, -1° at Kuopio, +2° at Archangel, 12° at Helsingfors, 20° at Hangö; (2) 22° at Kharkov, 25° at Hermannstadt, Munich and Lyon; (3) 26° at Loughborough, 27° at Cambridge and Dungeness, 28° in London and at Oxford, 29° at Barronstown. Rising later to above 40° on the Scotch, Irish, some of the English, and the French coasts, and reaching 56° at Perpignan and 53° at Lisbon. Remaining much lower over central and eastern England.

Wind NW over the British Islands, - light at the ^{southern} stations, strong in the northwest and north; strong NW over the North Sea, W over Germany, SW over the Baltic Provinces, E (very light) over Finland, but blowing a gale from NW on the Swedish coast. Light and very variable breezes reported over southern, central, and eastern Europe. Backing somewhat in Scotland later, but decreasing temporarily in force.

Barometer highest 30.3 in: and more to 30.0 in: in the eastern portion of an anticyclone spreading in from the Atlantic over the greater part of our Islands, France and Spain, and exceeding 30.0 in: over Algeria as well as over the Black Sea and southern Russia. Lowest 28.9 in: and less, in a depression covering Finland, the Baltic, and the Baltic Provinces; (2) 29.9 in: and less, in a shallow one over the Riviera, as well as over Dalmatia and the Adriatic. Beginning to fall again in Scotland later, but rising over France and the south of England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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 " " " " " " £1 10 0

DAILY WEATHER REPORT

for Wednesday, 6th January, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. H. 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.	
																		Ins.
Haparanda ...																		
Hernösand ...																		
Stockholm ...																		
Wisby ...																		
Bodö ...	28.86	22	E	7	0	28.84	-0.02	20	19	-3	E	8	C	4	0	23	16	-
Christiansund...	28.60	32	E	4	S	28.42	-0.18	32	31	-1	Z	0	0	4	S	35	28	-
Skudesnaes ...	28.52	32	NW	8	S	28.63	+0.11	31	30	-1	ENE	3	0	4	S	42	27	-
Christiania Fjord (Færder)	28.59	34	WNW	9	b	28.60	+0.01	29	26	-3	W	5	bC	4	b	41	?	-
Skagen (The Scaw)	28.76	32	WNW	6	b	28.69	-0.07	29	27	-2	WNW	5	0	1	b	36	28	0.28
Fanö ...	29.05	35	W	6	0	28.89	-0.16	31	31	0	WSW	3	C	4	0	39	28	0.08
Sumburgh Head	29.03	24	NW	6	S	28.46	-0.57	33	32	-1	N	7	S	6	S	35	22	0.07
Stornoway ...	29.35	33	NW	8	S	29.15	-0.20	36	35	-1	N	8	S	6	S	43	26	0.04
Wick ...	29.18	29	NW	6	0	28.83	-0.35	35	34	-1	NW	9	CW	6	0.9	37	25	0.17
Nairn ...	29.28	34	NW	2	S	29.01	-0.27	34	33	-1	W	5	0	3	S	41	25	0.09
Aberdeen ...	29.27	31	WSW	2	CSP	28.92	-0.35	33	31	-2	W	7	CW	4	CSP	42	26	0.20
Leith ...	29.36	37	W	3	0	29.13	-0.23	31	30	-1	WSW	4	b	4	0	45	29	-
Shields ...	29.34	41	WNW	3	0	29.15	-0.19	30	27	-3	WNW	4	bhp	2	Cp	44	24	-
Spurn Head ...	29.39	41	WSW	5	0	29.18	-0.21	36	34	-2	WNW	6	CW	6	up	41	32	0.05
York ...	29.42	44	W	5	0	29.25	-0.17	32	30	-2	W	3	b	4	0	45	30	0.05
Loughborough	29.50	41	SW	6	0	29.29	-0.21	35	35	0	WNW	3	0	4	0.9	42	33	0.12
Ardrossan ...	29.43	40	W	4	Cp	29.21	-0.22	37	35	-2	WNW	8	bq	6	Cp	46	31	0.09
Malin Head ...	29.52	42	NW	6	Op	29.38	-0.14	35	32	-3	NW	7	bchq	4	Op	45	?	0.06
Mullaghmore ...	29.68	45	WNW	7	Cq	29.54	-0.14	38	35	-3	WNW	8	Cq	6	Cq	46	35	0.18
Belmullet ...	29.77	47	WNW	6	b	29.64	-0.13	39	35	-4	WNW	7	0	4	Op	47	37	0.10
Donaghadee ...	29.85	43	W	4	C	29.41	-0.44	35	33	-2	WNW	7	b	5	C	45	32	0.09
Liverpool (Bidston)	29.49	43	W	6	0	29.37	-0.12	34	33	-1	NW	6	0.9	5	0	44	35	0.19
Holyhead ...	29.60	45	W	6	Op	29.43	-0.17	41	38	-3	NW	7	0.9	6	Op	46	40	0.05
Parsonstown ...	29.75	45	SW	1	bC	29.62	-0.13	39	38	-1	NW	1	C	4	bC	46	39	-
Valencia ...	29.92	47	NW	5	Op	29.76	-0.16	47	45	-2	NW	6	0	5	Op	48	37	0.07
Roche's Point	29.83	46	NW	4	C	29.68	-0.15	46	44	-2	NW	5	C	4	C	48	40	-
Pembroke (St. Ann's Hd.)	29.72	46	NW	5	C	29.52	-0.20	46	46	0	WNW	6	bq	5	C	48	42	0.07
Scilly ...	29.89	47	W	5	Op	29.79	-0.10	47	47	0	WNW	6	Cq	4	Op	48	39	0.04
Prawle Point ...	29.82	46	W	6	0	29.63	-0.19	44	43	-1	WNW	6	bCp	4	Op	45	37	0.03
Jersey (St. Aubin's)	29.96	43	SW	5	Op	29.69	-0.27	48	45	-3	W	5	Cq	4	Op	48	33	0.23
Hurst Castle ...	29.73	45	W	7	Cq	29.53	-0.20	44	43	-1	WNW	7	bC	4	Cq	45	36	-
Dungeness ...	29.68	44	W	7	0	29.41	-0.27	43	42	-1	W	6	bC	5	Op	45	27	-
North Foreland	29.65	40	WSW	5	Op	29.33	-0.32	39	38	-1	WSW	4	C	3	S	42	28	-
London ...	29.65	41	WSW	3	0	29.42	-0.23	43	40	-3	W	5	bq	4	C	43	27	-
Oxford ...	29.59	41	WSW	3	0	29.41	-0.18	41	39	-2	SW	5	0	4	0	41	30	0.02
Cambridge ...	29.61	40	SW	1	0	29.35	-0.26	35	35	0	NW	2	S	4	0	42	27	0.03
Yarmouth ...	29.50	37	WSW	5	Op	29.23	-0.27	35	35	0	NW	6	TSq	5	Op	37	29	0.31
Cuxhaven ...	29.45	33	SW	8	Op	29.09	-0.36	34	34	0	WSW	2	S	4	Op	36	33	0.04
Berlin ...																		
Wiesbaden ...																		
Munich ...																		
The Helder ...	29.86	41	WNW	6	Op	29.16	-0.70	39	37	-2	WSW	5	T	4	Op	43	37	0.20
Brussels (a.m.)						29.43	-0.58	37	36	-1	SW	5	0	4	Op	38	32	0.04
Cape Gris Nez	29.69	45	W	6	0	29.47	-0.22	44	41	-3	W	6	bC	6	0	46	33	-
Paris ...	29.99	34	SW	2	0	29.68	-0.31	39	36	-3	SW	3	0	4	0	?	30	-
Brest ...		45	WNW	4	0	?	?	46	43	-3	NW	4	0	4	0	46	37	-
Lorient ...	30.00	45	W	4	0	29.82	-0.18	43	46	+3	W	4	bC	3	0	46	37	-
Rochefort	30.17	38	WSW	3	b	29.57	-0.60	46	45	-1	NW	5	0	4	Op	46	31	0.12
Belfort ...		34	W	4	0	?	?	31	28	-3	W	3	S	4	Op	38	31	0.08
Lyons ...	30.13	28	WNW	4	b	30.01	-0.12	27	25	-2	S	2	0	4	Op	32	23	-
Nice ...	29.78	40	NE	4	Op	29.76	-0.02	39	33	-6	ENE	2	bC	3	Op	45	36	0.20
Perpignan ...	30.09	36	NW	5	b	30.00	-0.09	41	34	-7	NW	4	0	4	Op	47	34	-
Barritz ...	30.21	36	E	3	b	30.07	-0.14	46	42	-4	WSW	6	T	3	Op	?	30	0.04
Corunna ...																		
Lisbon ...	30.13	47	WNW	5	b	30.19	+0.06	39	34	-5	WNW	4	b	4	Op	54	39	-

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, 6th Jan. 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:

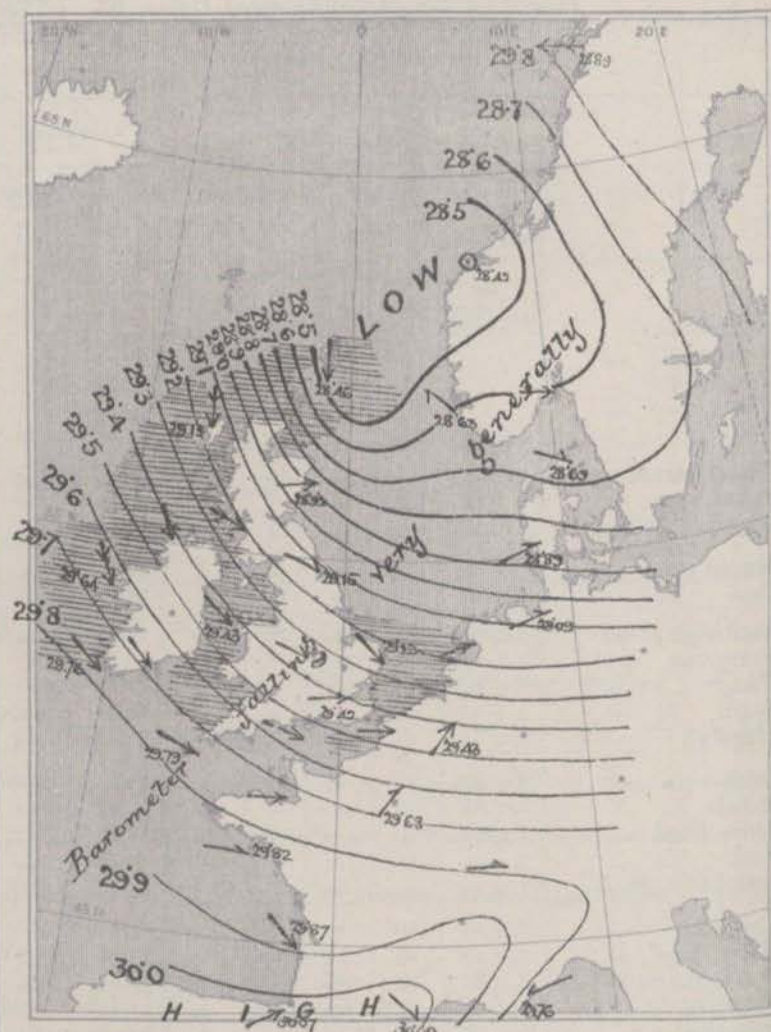
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.920
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.855
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Seilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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 January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.8	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Seilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	40.2	37.5	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.91
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	45.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards, over the Spanish Peninsula.
 Lowest, 29.5 in. and less, in a depression lying between the Shetlands and the Norwegian coasts.
 Gradients steep in the north and rather steep over the more southern parts of the United Kingdom.
 Barometer falling generally, - most in the extreme north.

TEMPERATURE

Highest, 48° at Jersey and Orient, 47° at Valencia Island and Seilly, and 46° at Rocherpoint, Pembroke, Brest, Rochefort and Biarritz.
 Lowest, 20° at Rodez, 19° at Yander and Elagen, 30° at Shields, and 31° at Skudenare, Fano, Leith, and Belfast.
 A considerable fall has taken place on all but our south and southeast coasts, where the thermometer has risen several degrees.

WIND

W¹ or NW¹ over the greater part of the United Kingdom, but N¹ in the Shetlands and Hebrides; strong in force generally, with a gale on our north and northwest coasts.
 Light or moderate from the W¹ in Denmark, and from the SW¹ over the Netherlands and the central parts of France.
 E¹ over the coast of Norway, with a gale at Rodez.

WEATHER

Squally and showery in nearly all parts of our Islands, with snow sleet or hail in many places.
 Dull in France, with rain at Biarritz, and snow at Belfast.
 Dull also in the coast of Norway, but fair in Denmark.

SEA

Rough in the north and northwest, and rather rough on the more exposed parts of our southern coast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The deep depression which has appeared near the Shetlands seems likely to travel in a southeasterly direction and some further increase of wind is probable over our Islands with snow in many places. A fall of temperature is likely to take place over the south of England.

FORECASTS

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

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	NW ¹ and N ¹ gales and strong winds; squally, some snow.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W ¹ and NW ¹ winds, strong; squally, some snow showers.
3	ENGLAND EAST	W ¹ winds, strong, squally, some sleet or snow showers.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	NW ¹ gales and strong winds; squally, some snow showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W ¹ and NW ¹ winds, strong; squally, showers.
9	IRELAND NORTH	Same as Nos 6 and 7.
10	IRELAND SOUTH	Same as No 8.

WARNINGS

The North Cone is still flying in districts 0 to 2, 6, 7, and 9.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudeanaes ...	29.46	31	33	NW	6	S	C	Valencia ...	29.98	45	46	W	5	cq.	5
Sup'burgh Head ...	29.10	24	24	N	6	S	C	Scilly ...	29.49	47	46	W	6	o	4
Stornoway ...	29.40	34	34	N	6	S	C	Jersey ...	30.07	43	40	WSW	5	c p	3
Aberdeen ...	29.31	33	32	NW	6	cq sp	4	Hurst Castle ...	29.67	44	42	W	7	c q	5
Shields ...	29.36	44	41	WSW	4	p	3	Dungeness ...	29.80	42	40	W	7	ou	5
Ardrossan ...	29.42	45	43	W	5	o	4	North Foreland ...	29.77	38	36	WSW	5	o	4
Malin Head ...	29.82	45	44	NW	6	o	4	London ...	29.79	41	37	WSW	4	o	4
Mullaghmore ...	29.69	46	44	WSW	6	c q p	5	Yarmouth ...	29.63	36	35	WSW	5	c q	4
Belmullet ...	29.74	47	46	NW	6	o p	4	Rochefort ...	30.18	37	36	N	3	b	4
Holyhead ...	29.68	45	44	W	5	c q	5								

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

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.
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 7th January.

1892.

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

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

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barom.	Temp.	Wind.		Weather.	Barometer.		Shade Temp.			Wind.		Weather.	Sea (to 9).	Shade Temp.			Amount of Rainfall.	
			Reading at 3 ²⁵ P. and Sea Level.	Dry Bulb.		Dir.	Force (9 to 12).	Reading at 3 ²⁵ P. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.			Dir.	Force (9 to 12).	Max.		Min.
	Ins.	°				Ins.	°	°	°	°								Ins.	
SCANDINAVIA.																			
Haparanda ...	29.14	18	SE	6	o	29.04	19	19		ENE	4	o	*	o	19	3	0.20		
Hernösand ...	29.11	20	o	2	bc	29.12	12	12		2	o	bc	*	bc	24	?	0.04		
Stockholm ...	29.37	22	2	o	o	29.37	25	24		SE	2	o	*	o	24	19	—		
Wisby ...	29.11	25	SE	4	o	29.30	30	29		ENE	4	o	*	o	24	23	0.04		
Bodö ...	29.39	25	E	6	o	29.52	+1/4	22	19	+2	ENE	3	o	o	25	18	—		
CHRISTIANIA.																			
Christiansund...	29.58	29	ENE	4	o	29.16	+3/8	23	21	-2	ENE	3	o	o	21	21	0.39		
Skudesnaes ...	29.53	27	NW	8	7	29.74	+1/11	25	22	+4	N	5	o	o	27	21	—		
Christiania Fjord (Fjord)	29.51	26	SE	8	o	29.41	-1/9	27	26	-2	W	8	o	o	26	27	—		
Skagen (The Sound)	29.63	32	SW	5	o	29.35	-1/3	28	25	+4	NW	6	bc	o	26	25	—		
Fanö ...	29.64	33	NW	3	o	29.56	+0/7	27	25	+6	NW	6	o	*	o	29	20	0.001	
SCOTLAND.																			
Sumbargh Head	29.58	32	N	7	o	29.58	+4/9	22	20	-1	NW	5	o	o	28	29	0.05		
Stornoway ...	29.34	32	N	7	o	29.37	-1/8	29	29	-7	NW	7	o	o	27	25	0.20		
Wick ...	29.16	34	NW	6	o	29.08	+2/5	24	23	-11	NW	3	bc	o	27	23	0.10		
Nairn ...	29.26	36	NW	4	o	29.16	+1/5	27	22	-11	SW	1	o	o	26	20	—		
Aberdeen ...	29.14	36	NW	8	o	29.20	+1/2	25	24	-1	W	4	o	o	26	25	0.13		
IRELAND.																			
Leith ...	29.25	32	NW	8	o	29.29	+1/6	31	30	o	W	1	o	o	29	29	—		
Shields ...	29.21	34	NW	3	o	29.26	+1/11	31	30	+1	NW	1	o	o	27	26	—		
Spurn Head ...	29.21	32	NW	5	bc	29.29	+1/11	32	32	-3	W	4	o	o	27	26	—		
York ...	29.24	34	NW	3	o	29.29	+0/4	31	30	-1	W	1	o	o	27	27	—		
Loughborough	29.38	34	W	5	o	29.33	+0/4	31	30	-4	W	2	o	o	26	21	0.07		
BRITISH ISLANDS.																			
Ardrossan ...	29.20	38	NW	4	o	29.34	+1/3	30	29	-7	W	1	o	o	28	28	0.02		
Malin Head ...	29.44	34	NW	6	o	29.38	o	33	31	-2	NW	7	o	o	28	27	0.02		
Mullaghmore ...	29.33	38	NW	8	o	29.54	o	35	33	-2	NW	6	bc	o	29	32	0.13		
Belmullet ...	29.64	38	NW	3	bc	29.60	-0/4	38	38	-4	N	5	bc	o	29	32	0.26		
Donaghadee ...	29.41	34	NW	6	bc	29.36	-0/5	32	32	-2	NW	5	o	o	27	32	0.31		
ENGLAND.																			
Liverpool (Harbour)	29.28	32	NW	6	o	29.30	-0/7	31	31	-3	NW	2	o	o	28	31	0.19		
Holyhead ...	29.44	38	NW	6	o	29.34	-0/9	36	35	-5	N	6	o	o	28	24	0.14		
Parsonstown ...	29.64	32	2	o	o	29.56	-0/6	26	25	-10	2	o	o	o	27	25	—		
Valencia ...	29.77	42	NW	5	o	29.63	-1/3	36	35	-11	NW	4	o	o	28	24	0.21		
Roche's Point	29.70	39	NW	5	o	29.58	-1/10	34	33	-12	NW	4	o	o	27	22	0.05		
WALLES.																			
Pembroke (St. Ann's Hd.)	29.58	39	NW	6	bc	29.48	-0/4	37	35	-2	NW	5	bc	o	26	27	—		
Scilly ...	29.68	48	NW	6	o	29.58	-2/1	38	38	-6	NW	6	bc	o	26	26	0.07		
Prawle Point ...	29.63	38	NW	3	o	29.53	-1/10	38	38	-11	NW	4	bc	o	26	28	0.03		
Jersey (St. Aubin's)	29.63	45	W	5	cm	29.58	-1/11	44	39	-4	NW	4	o	o	27	21	0.08		
Hurst Castle ...	29.54	37	NW	6	bc	29.48	-0/4	35	34	-9	NW	5	o	o	27	24	0.04		
SCOTLAND.																			
Dungeness ...	29.42	36	NW	4	bc	29.44	+0/3	33	32	-10	NW	4	bc	o	27	21	0.05		
North Foreland	29.38	38	NW	5	bc	29.39	+0/6	33	32	-6	W	3	o	o	27	20	0.01		
London ...	29.44	34	NW	3	o	29.43	+0/1	30	29	-13	NW	2	o	o	27	20	0.09		
Oxford ...	29.47	33	NW	5	o	29.48	+0/2	31	30	-10	NW	2	o	o	27	21	0.08		
Cambridge ...	29.40	33	SW	2	bc	29.38	+0/2	33	32	-2	SW	2	o	o	27	21	0.11		
Yarmouth ...	29.24	34	NW	6	bc	29.32	+1/10	31	30	-4	W	3	o	o	26	29	0.02		
FRANCE.																			
Cuxhaven ...	29.02	36	NW	6	o	29.11	+0/2	37	36	+3	NW	4	o	o	27	27	0.26		
Berlin ...																			
Wiesbaden ...																			
Munich ...																			
The Helder ...	29.14	39	NW	6	bc	29.29	+1/3	37	36	-2	NW	1	o	o	27	26	0.24		
NETHERLANDS.																			
Brussels (o a.m.)						29.47	+0/4	31	30	-6	SW	4	bc	o	22	31	0.08		
Cape Gris Nez	29.42	38	NW	5	o	29.46	-0/1	36	33	-3	W	5	bc	o	26	32	—		
Paris ...	29.53		NW	4	o	29.60	-0/7	38	36	-1	SW	3	o	o	27	27	—		
Brest ...	29.78	48	NW	4	o	29.65	-1/7	41	41	-5	NW	4	o	o	27	21	0.16		
Lorient ...	29.78	48	NW	5	bc	29.65	-1/7	46	43	-2	NW	4	o	o	26	25	—		
SPAIN.																			
Rocheport ...	29.83	48	NW	5	o	29.76	-1/11	48	46	+2	NW	5	o	o	26	23	0.08		
Belfort ...																			
Lyons ...	29.86	33	o	1	o	29.82	-1/9	35	34	+8	SW	1	o	o	27	27	0.04		
Nice ...																			
Perpignan ...	29.91	53	NW	3	o	29.93	-0/7	40	36	-1	NW	2	bc	o	25	29	—		
Barritz ...	29.99	52	W	6	o	29.92	-1/4	51	40	+5	NW	5	o	o	22	45	0.28		
PORTUGAL.																			
Corunna ...																			
Lisbon ...	30.15	44	N	4	o	30.08	-1/11	38	37	-1	2	o	o	o	27	27	—		

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 Thursday, 7th Jan: 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:

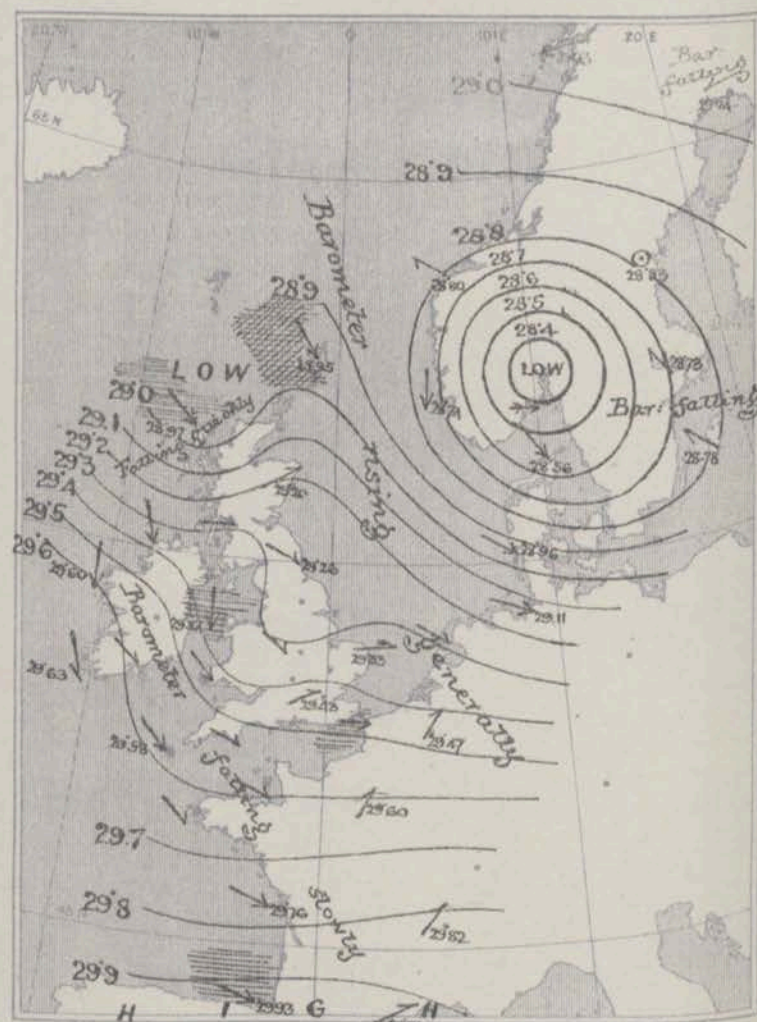
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sunburgh Head	29.676
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.925
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.959
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

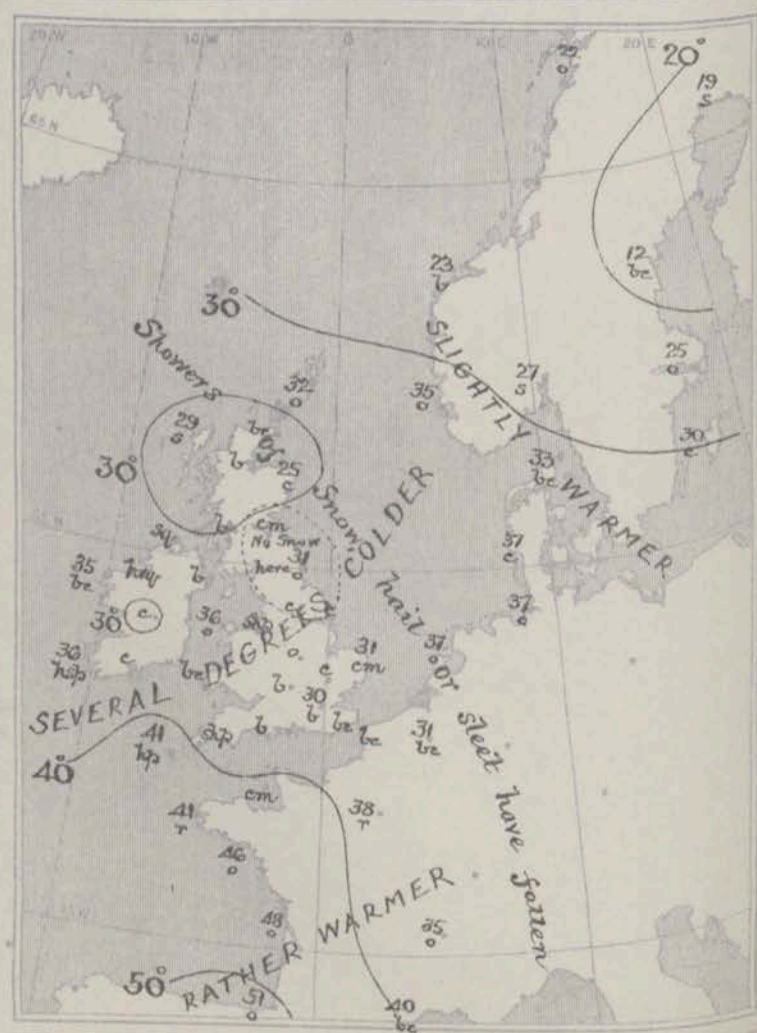
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL: (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Burnburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.8	38.2	36.9	2.05
Nairn	42.2	32.0	37.2	36.6	1.99
Aberdeen	42.4	33.2	37.8	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York	42.7	33.5	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	35.3	40.0	38.8	4.25
Mullaghmore	46.1	35.0	41.6	40.4	4.36
Donaghadee.....	44.4	34.1	40.0	39.2	2.98
Holyhead	45.0	35.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.60
Roche's Point	47.7	39.3	43.2	41.9	5.60
Pembroke	45.5	30.6	42.7	41.3	3.75
Scilly	48.6	42.0	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	36.3	41.8	40.4	3.21
Hurst Castle	43.0	36.3	40.8	39.5	2.04
Dover	43.5	35.6	39.2	38.1	2.38
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	43.1	33.0	37.1	36.1	2.26
Cambridge	43.2	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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 upwards, over the southern part of the Spanish Peninsula.
 Lowest, 28.4 in. and less, in a depression, the centre of which lies a little to the eastward of Christiania.
 Gradients rather steep over our extreme northwest coast and also over the North Sea, Denmark, and the south of Scandinavia, but slight elsewhere.
 Barometer rising in Norway, Denmark, the Netherlands and the east of England, but falling elsewhere, — quickly in the Hebrides.

TEMPERATURE

Highest, 51° at Biarritz, 48° at Rochefort, 46° atorient, 44° at Jersey, and 41° at Kelly and Brest.
 Lowest, 12° at Helsingfors, 19° at Haparanda, 22° at Borås, 23° at Narvik and Christianmnd, and 24° at Hiss.
 A fall of several degrees has taken place over the greater part of the United Kingdom.

WIND

Weak or strong from the NWrd on the west and northwest coast of our Islands, with a moderate gale at Stromsøy and Molde H.
 Light or moderate from the Wrd over the eastern and central part of Great Britain, and from the SWrd over Belgium and central France.
 Strong from NW. or W. on the eastern shores of the North Sea. Light or moderate from the Erd in Sweden and the west of Norway.

WEATHER

Fair in the east and southeast of Great Britain, but cloudy and unsettled elsewhere, with snow or hail showers at many of our western stations, as well as over Central England, and rain at Paris and Lyons. Snow is also falling in some parts of Scandinavia.
 Showers of snow, hail, or sleet fell yesterday in all but the northeastern parts of Great Britain.

SEA

High at Lumburg H., and rough at Stromsøy, Helsingfors, and Cape Grieg, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression which is approaching the north of Scotland seems likely to occasion further gales on our northwestern and extreme northern coasts, and snow will probably spread southward over the greater part of the Kingdom.

FORECASTS

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

DISTRICTS.

FORECASTS.

1	SCOTLAND NORTH	NW rd to N rd winds, increasing in force; unsettled, some snow.
2	SCOTLAND EAST	W rd and NW rd winds, freshening; unsettled, some rain.
3	ENGLAND N.E.	
4	ENGLAND EAST	W rd winds, freshening; fair to unsettled and some snow.
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

7	SCOTLAND WEST	NW rd winds, increasing to a gale; squally, some snow
8	ENGLAND N.W.	
9	ENGLAND S.W.	NW rd winds, strong; squally, some snow or hail showers.
10	IRELAND NORTH	Same as N° 6 and 7.
11	IRELAND SOUTH	Same as N° 8.

WARNINGS

Orders were issued at 10.10 am. to hoist the north cone in districts 6, 7, 9 and part of 10.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA	SEA		BAR.	THER.		WIND.	F.	WEA	SEA
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.62	32	32	2	0	0	3	Valencia ...	29.76	45	41	W	5	0	5
Sumburgh Head ...	29.57	32	35	N	7	0	6	Scilly ...	29.66	45	47	W	6	c	4
Stornoway ...	29.27	32	35	N	7	0	6	Jersey ...	29.61	45	47	W	5	c	4
Aberdeen ...	29.57	32	31	NW	7	0	5	Hurst Castle ...	29.49	43	42	NW	7	c	4
Shields ...	29.12	32	32	W	4	c	3	Dungeness ...	29.37	36	35	NW	3	c	2
Ardrossan ...	29.26	32	31	W	6	6	5	North Foreland ...	29.34	38	36	W	6	c	4
Malin Head ...	29.37	32	32	NW	7	c	5	London ...	29.40	38	35	W	8	c	*
Mullaghmore ...	29.53	32	32	NW	8	6	6	Yarmouth ...	29.24	35	33	W	6	c	4
Belmullet ...	29.66	32	34	W	6	0	6	Rocheport ...	29.34	40	47	W	4	c	?
Holyhead ...	29.44	32	32	NW	6	6	6								

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

Weather in morning - changeable and unsettled over the British Islands, western and northern Europe generally, less disturbed in the south and over the Mediterranean, foggy over southern Russia, fine and bright over Spain. Showers of snow, sleet, hail or cold rain in almost all parts of our Islands and neighbouring countries (our northeastern countries excepting); sky in London being sometimes densely overcast, at others clear and bright.

Temperature changing very fitfully - rises in France and the south of England and also in the north of Russia, fallen over our northern districts and the North Sea, and fell spreading southwards. Morning readings below 50° except on the southern and eastern shores of the Mediterranean, but above 40° on the Atlantic Coast of France and our Islands, lower elsewhere. Lowest (1) 6° at Archangel, 12° at Ulenborg and at Arkharov, 20° at Kiev, 21° at Moscow, 23° at St Petersburg, 25° at Moscow, and 26° at Kumaustadt, (2) 30° to 32° over our northeastern countries, 33° at Sumburgh Head and Aberdeen, and 34° at Liverpool and Narvik. Falling over Ireland and England towards night, tending to recover in Scotland.

Wind (1) Strong to a gale from N. and NW. over the United Kingdom, moderate W² over the North Sea, fresh SW² over Germany, strong to a gale from the S² on the eastern shores of the Baltic, and from E. in Lapland; (2) Light and variable over the Spanish Peninsula and also over southeastern Europe, but a well marked cyclonic circulation prevailing over the Mediterranean, and blowing a moderate gale at Palermo. Little change later.

Barometer highest 30.1 ins: and more to 30.0 ins: over the Iberian Peninsula and Algeria, also over the Black Sea and southern Russia. Lowest 28.5 ins: and less to 28.2 ins: in a large depression lying over Scandinavia and the northeastern parts of the North Sea; and 29.7 ins: and less, in another lying over Corsica and the western part of Italy. Scandinavian depression moving southwards later, but secondary disturbances beginning to approach our northern coasts from the north-westward.

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 Reports, forwarded by Book Post, £1 0 0 per annum.

Weekly " " " £1 10 0 " "

DAILY WEATHER REPORT

for Friday 8th January.

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 12).	SHADE TEMP.			AMOUNT OF RAINFALL.		
		Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (9 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Force (9 to 12).		Weather.	Max.	Min.			
		Inch.	°				Inch.	°	°	°							Inch.			
SCANDINAVIA.	Haparanda ...	29.01	15	NW	2	0	29.06	+02	15	15	-4	NW	2	0	0	21	0.12			
	Hernösand ...	29.96	21	N	2	0	29.98	+15	15	14	+3	N	4	0	0	24	—			
	Stockholm ...	29.73	26	SW	2	C	29.01	+28	23	21	-2	W	2	0	0	34	0.04			
	Wisby ...	29.93	33	SW	8	6	29.12	+34	34	32	+4	W	8	0	6	34	0.16			
	Bodö ...	29.03	21	E	4	6	29.12	+09	18	14	-4	E	2	6	6	23	—			
SCANDINAVIA.	Christiansund...	29.04	26	ENE	2	6	29.04	+24	30	29	+7	W	7	8	4	30	0.20			
	Skudesnaes ...	29.93	28	ENE	2	6	29.18	+44	24	23	-11	N	1	6	3	36	—			
	Christiania Fjord (Færder)	29.84	28	NW	4	6	29.13	+72	26	24	-1	NW	3	2	6	28	—			
	Skagen (The Scaw)	29.93	31	NW	4	0	29.06	+50	29	28	-4	NW	1	6	1	34	0.12			
	Faro ...	29.13	34	SW	2	C	29.18	+22	35	33	-2	W	4	6	0	37	—			
SCANDINAVIA.	Sumburgh Head	29.04	34	N	3	0	29.25	+30	33	32	+1	N	2	0	4	36	0.02			
	Stornoway ...	29.35	32	N	8	8	29.41	+44	28	28	-1	N	10	8	7	35	0.39			
	Wick ...	29.14	34	NW	4	0	29.26	+18	34	33	+10	N	4	0	0	35	0.30			
	Nairn ...	29.23	36	N	4	0	29.32	+14	34	33	+11	N	5	8	4	36	?			
	Aberdeen ...	29.13	28	N	3	C	29.23	+03	28	27	+3	NW	2	6	4	35	0.12			
SCANDINAVIA.	Leith ...	29.22	30	SW	1	0	29.28	-01	29	28	-2	W	1	C	0	35	0.07			
	Shields ...	29.22	29	W	2	6	29.23	-03	30	29	-1	NW	3	2	0	31	0.11			
	Spurn Head ...	29.25	31	NW	3	6	29.28	-01	31	31	-2	W	4	0	6	35	—			
	York ...	29.24	28	NW	1	6	29.32	+03	31	31	0	W	1	0	6	35	0.01			
	Loughborough	29.28	27	W	2	C	29.38	+02	29	28	-2	NW	3	C	0	36	0.06			
BRITISH ISLANDS.	Ardrossan ...	29.27	29	NW	1	0	29.31	-03	33	33	+3	N	1	0	0	34	0.16			
	Malin Head ...	29.42	35	N	5	0	29.43	+06	33	32	-2	NW	7	0	0	34	0.16			
	Mullaghmore ...	29.43	33	NW	5	0	29.46	+06	33	32	-2	NW	7	0	0	34	0.16			
	Belmullet ...	29.62	38	NW	1	0	29.66	+06	33	32	-2	NW	7	0	0	34	0.16			
	Donaghadee ...	29.29	32	NW	7	6	29.38	+02	30	30	-3	NW	7	0	6	35	0.48			
BRITISH ISLANDS.	Liverpool (Bidston)	29.14	29	SW	3	0	29.38	+08	33	30	+2	NW	5	0	0	46	0.22			
	Holyhead ...	29.04	36	NW	6	0	29.44	+10	34	33	-2	NW	6	0	0	37	0.06			
	Parsonstown ...	29.44	38	SW	1	0	29.65	+09	25	24	-4	2	0	0	37	0.16				
	Valencia ...	29.70	38	NW	5	0	29.79	+16	34	32	-2	N	5	0	0	41	0.25			
	Roche's Point	29.56	36	NW	5	C	29.71	+13	29	28	-5	NW	4	0	0	37	0.02			
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.34	39	NW	8	C	29.56	+08	34	32	-3	NW	6	0	5	40	0.03			
	Scilly ...	29.58	40	NW	4	6	29.64	+06	40	36	-1	NW	5	0	4	41	0.08			
	Prawle Point ...	29.51	36	NW	5	6	29.59	+06	32	32	-1	NW	2	0	1	38	0.03			
	Jersey (St. Aubin's)	29.53	38	NW	4	6	29.59	+01	35	35	-5	NW	3	0	0	40	0.13			
	Hurst Castle ...	29.44	37	NW	6	6	29.50	+01	36	35	+1	NW	6	0	4	40	0.02			
BRITISH ISLANDS.	Dungeness ...	29.36	33	NW	4	C	29.41	-03	28	28	-5	NW	4	0	3	41	—			
	North Foreland	29.33	35	NW	5	6	29.40	+01	29	29	-4	NW	5	0	4	38	0.02			
	London ...	29.32	33	NW	2	6	29.43	0.0	29	28	-1	NW	1	0	0	38	0.01			
	Oxford ...	29.33	32	W	3	0	29.40	+02	31	31	0	W	3	0	0	36	0.03			
	Cambridge ...	29.33	31	SW	3	6	29.41	+03	28	27	-5	SW	3	0	0	36	0.06			
BRITISH ISLANDS.	Yarmouth ...	29.25	32	W	4	C	29.34	+01	26	26	-5	NW	3	0	3	35	—			
	Cuxhaven ...	29.26	34	NW	4	7	29.24	+13	33	32	-4	NW	4	0	0	37	0.12			
	Berlin ...	29.40	31	SW	3	C	29.43	+22	30	29	-3	SW	3	0	0	33	0.16			
	Wiesbaden ...	29.58	33	SW	4	7	29.53	0.0	26	26	-6	W	2	0	0	36	—			
	Munich ...	29.58	33	SW	4	7	29.60	-02	30	30	0	W	0	0	0	36	0.32			
GERMANY & HOLLAND.	The Helder ...	29.23	36	NW	2	8	29.32	+03	33	31	-4	SW	1	0	0	37	0.16			
	Brussels (9 a.m.)	29.36	37	N	4	7	29.38	-15	32	31	+1	SW	6	0	0	35	0.04			
	Cape Gris Nez	29.52	37	SW	2	0	29.33	-13	32	31	-4	NW	6	0	0	41	0.20			
	Brest ...	29.52	37	SW	2	0	29.33	-08	34	31	-4	SW	4	0	0	40	0.04			
	Lorient ...	29.60	42	NW	3	0	29.64	-01	37	36	-2	W	1	0	0	43	0.16			
FRANCE AND BELGIUM.	Rochefort ...	29.65	46	NW	5	0	29.72	-04	36	38	-9	NW	3	0	0	50	0.09			
	Belfort ...	29.73	43	W	4	0	29.69	-13	41	38	+6	W	4	0	0	38	0.24			
	Lyons ...	29.73	46	SW	4	6	29.77	-11	36	34	-4	SW	2	0	0	38	—			
	Nice ...	29.87	48	NW	1	6	29.82	-11	44	44	-2	NW	6	0	0	54	—			
	Perpignan ...	29.85	50	NW	5	0	29.82	-11	44	44	-2	NW	6	0	0	54	—			
PORTUGAL.	Corunna ...	29.05	48	NW	3	7	29.01	-07	48	47	+10	NW	4	0	0	30	0.04			
	Lisbon ...	29.05	48	NW	3	7	29.01	-07	48	47	+10	NW	4	0	0	30	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 Friday, 8th Jan^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.

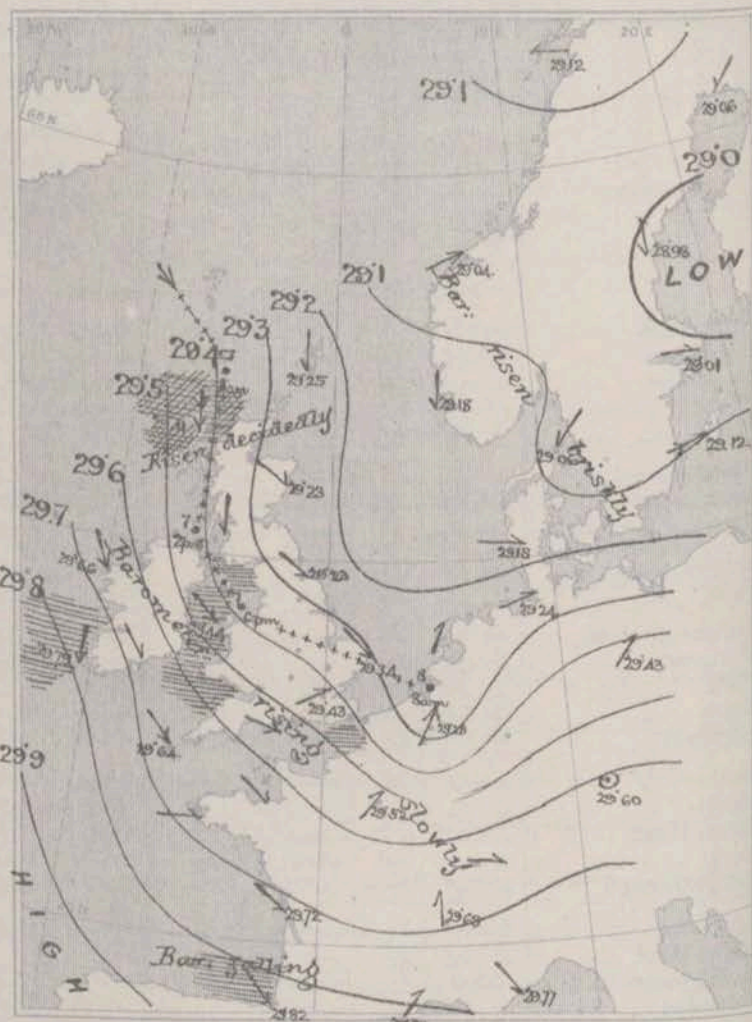
SEA DISTURBANCE—Where considerable, is shown thus:

☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.828
Shields	29.881
Spurn Head	29.925
York	29.932
Loughborough	29.967
Ardrossan	29.938
Mullaghmore	29.847
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Selly	29.909
Prawle Point	30.006
Jersey	30.023
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

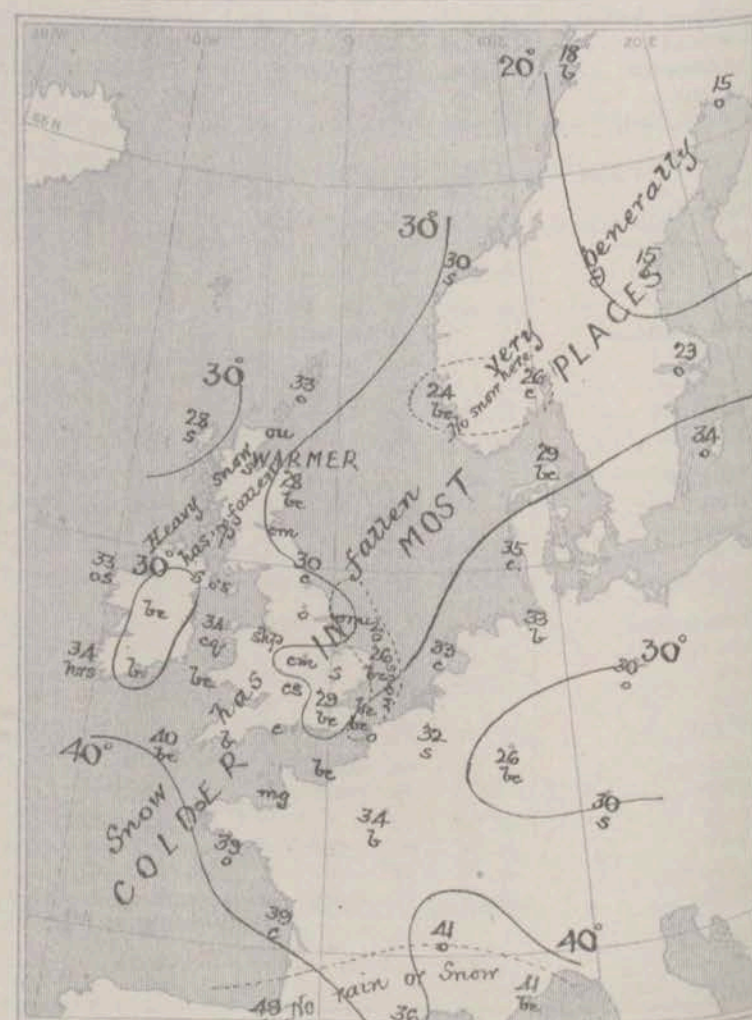
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	at 8 a.m.	
			Dry.	Wet.	
Sumburgh Head	42.3	35.6	39.7	38.4	5.72
Stornoway	43.3	34.5	39.6	38.4	5.30
Wick	42.4	33.3	38.2	36.8	2.06
Nairn	42.2	32.9	37.3	36.6	1.99
Aberdeen	42.4	33.2	37.3	36.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head	41.7	34.6	37.7	36.7	1.35
York	42.7	32.5	36.7	35.7	1.67
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.8	40.4	1.30
Donaghadee	44.4	35.1	40.0	39.2	2.98
Holyhead	45.6	38.7	41.7	40.3	3.33
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.6	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	46.6	39.5	42.7	41.3	3.75
Selly	48.8	42.9	44.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.6	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.08
LONDON	44.1	37.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.84
Yarmouth	41.5	33.8	37.5	36.7	1.95

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 upwards, over the southern parts of the Spanish Peninsula.

Lowest, 29.0 in. and less, in a depression lying over the Gulf of Bothnia; 29.3 in. and less, in a small secondary disturbance having its centre near Antwerp.

Gradients moderate and rather irregular.

Barometer rising generally, but change slackening considerably in the north of Scotland.

TEMPERATURE

Highest, 48° at Birmm, 48° at Lisbon, 41° at Lyons and Nice, 40° at Seville, and 39° at Jersey, Brest, Lorient, and Rochefort.

Lowest, 15° at Haparanda and Helsingfors, 23° at Stockholm, 24° at Kiedensee and 25° at Haparanda.

Sharp frost occurred last night in most places: at York the thermometer fell to 19°.

WIND

Strong from the N^W in the extreme northwest of our Islands, with a whole gale at Stromsund.

Moderate to strong from the N^W over England, the south of Ireland, and the west of France.

Moderate from the S^W over Central France, Germany, and the Netherlands; variable over Scandinavia.

WEATHER

Changeable, with snow showers over nearly the whole of Western Europe, but fine at present on the south and southeast coast of England. In the course of the past twenty-four hours snow has fallen in nearly all parts of the United Kingdom—heavily in Ireland and the northern parts of Scotland and England.

SEA

High at Stromsund and rough on many parts of our western coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The decided check in the barometric rise at Stromsund seems to show that other depressions are approaching our Islands from the northward. Changeable unsettled weather is therefore likely to continue, with snow showers in most districts.

FORECASTS

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

DISTRICTS.

FORECASTS.

1	SCOTLAND NORTH	N ^W winds, strong, a gale in places; cloudy, some snow
2	SCOTLAND EAST	NW ^W winds, light or moderate; changeable, some snow showers.
3	ENGLAND N.E.	
4	ENGLAND EAST	W ^W winds, moderate, fair, generally, but some snow showers.
5	MIDLAND COUNTIES	
6	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

1	SCOTLAND WEST	N ^W and NW ^W winds, strong; squally, some snow showers.
2	ENGLAND N.W.	
3	ENGLAND S.W.	NW ^W winds, fresh or strong; changeable, some snow showers.
4	IRELAND NORTH	Same as No 6 and 7.
5	IRELAND SOUTH	Same as No 8.

WARNINGS

At 7.0 pm yesterday to districts 8 and 10 "Hoist north cone". The signals are now flying in districts 0 and 6 to 10.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	28. 24	30	25	~	2	c	5	Valencia ...	28. 72	36	23	~	1	c	1
Sumburgh Head ...	28. 55	25	34	~	4	o	7	Scilly ...	28. 58	28	37	~	5	c	3
Stornoway ...	28. 22	23	33	~	9	o	6	Jersey ...	28. 53	42	33	~	4	c	4
Aberdeen ...	28. 15	25	22	~	1	o	8	Hurst Castle ...	28. 42	35	35	~	6	c	4
Shields ...	28. 21	31	20	~	2	c	2	Dungeness ...	28. 32	40	31	~	5	c	4
Ardrossan ...	28. 10	34	22	~	3	o	2	North Foreland ...	28. 31	38	36	~	3	c	4
Malin Head ...	28. 08	36	26	~	5	o	6	London ...	28. 32	37	34	~	3	c	4
Mullaghmore ...	28. 35	34	34	~	8	o	6	Yarmouth ...	28. 26	35	32	~	2	c	4
Belmullet ...	28. 54	35	35	~	6	o	8	Rochefort ...	28. 69	49	47	~	5	c	3
Holyhead ...	28. 36	34	31	~	5	c	5								

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

Weather fair in the eastern and southern part of Great Britain, as well as over the greater part of southern Europe. Cloudy overcast elsewhere with snow and hail showers in the west and northwest of our Islands; snow falling also at several of the Scandinavian and Russian stations, and rain over Central France. Heavy snow falling during day in the extreme north and northwest of the United Kingdom, and showers in most other part of Western Europe.

Temperature highest 55° at Sangunians and Malta, 54° at Rhindire, 52° at Lighorn, and 51° at Biarritz; above 45° over the Mediterranean and Bay of Biscay generally, and above 40° over the western part of the Channel. Lowest (1) 12° at Hovisand, 17° at Archangel, and 19° at Haparanda; (2) 23° at Kani, 24° at Vicks, and 25° at Aberdeen; (3) 23° at Madrid. Daily maxima very little above 35° in any part of Great Britain, but thermometer reaching 50° in the west of France, and rising to 55° at Nice and 59° at Perpignan.

Wind strong from the N^W or N^WW in the west and north of our Islands, fresh from NW. or W. over the Channel and Bay of Biscay. Light or moderate from the N^W in the east of Great Britain. SW² over Central France, Belgium, and Germany, S³ in Russia, E³ in Scandinavia; W³ or NW³ over Denmark and the south of Norway, with a gale in the Christiania fiord. Variable over Southern Europe and Algeria. Subsequently increasing to a strong or whole gale from the N^W in the west of Scotland and the north of Ireland and to a fresh gale from NW. at some of our southwestern stations.

Barometer highest 30.1 in. and upwards over the western and central part of the Spanish Peninsula; 29.9 in. and upwards over the south of Russia. Lowest 28.4 in. and less, in a well-marked depression having its centre near Christiania, 29.0 in. and less, a secondary disturbance lying off the north of Scotland. Latter system subsequently travelling southward to the Irish Sea, barometer falling steadily over England, but rising quickly in the west of Scotland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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DAILY WEATHER REPORT

for Saturday 9th January, 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. Reading at 35° F. and sea level.	TEMP. Dry Bulb.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (10 to 6).	SHADE TEMP.		Amount of Rainfall.			
			Direc.	Force (10 to 12).		Reading at 35° F. and sea level.	Change since Yester- day Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (10 to 12).			Max.	Min.				
	In.	°				In.	°	°	°								In.			
SCANDINAVIA.																				
Haparanda ...	29.07	18	NE	4	S	29.24	+18	8	7	-7	ENE	2	bc	+	S	21	?	0.04		
Hernösand ...	29.25	12	Z	0	bc	29.41	+43	3	5	-12	Z	0	bc	+	bc	23	?	-		
Stockholm ...	29.30	12	SW	2	b	29.50	+49	8	6	-15	W	2	b	+	b	27	?	-		
Wahby ...	29.82	29	SW	4	S	29.54	+42	28	27	-6	WSW	4	b	+	S	36	27	0.04		
Bodö ...	29.23	15	E	2	b	29.30	+18	21	19	+3	E	2	b	+	b	?	10	-		
SCANDINAVIA.																				
Christiansund ...	29.24	32	ENE	2	S	29.34	+30	32	29	0	E	1	c	4	S	32	27	-		
Skudesnaes ...	29.38	31	ESE	2	c	29.42	+24	32	?	+8	SE	4	o	3	c	32	24	-		
Christiana Fjord (Fjord)	29.28	28	WNW	2	b	29.48	+35	24	22	-2	ENE	2	b	1	b	28	23	-		
Skagen (The Sound)	29.36	25	WSW	2	bc	29.47	+41	24	24	-5	WNW	1	b	0	bc	30	18	-		
Faro ...	29.41	28	S	1	c	29.49	+31	28	28	-7	SSE	2	b	+	c	36	25	-		
SCANDINAVIA.																				
Sumburgh Head	29.43	33	ENE	3	S	29.47	+22	29	28	-4	N	5	S	5	S	35	27	0.03		
Stornoway ...	29.53	31	N	7	o	29.65	+24	28	28	0	N	4	o	5	so	32	23	0.40		
Wick ...	29.43	34	NW	4	o	29.53	+27	29	28	-5	N	4	o	2	so	35	29	0.50		
Nairn ...	29.47	35	N	3	o	29.57	+27	32	32	-2	ENE	3	c	4	so	35	27	0.28		
Aberdeen ...	29.44	30	NW	2	bc	29.52	+29	29	28	+1	NW	3	cg	4	so	37	26	0.17		
SCANDINAVIA.																				
Leith ...	29.40	35	Z	0	bc	29.50	+28	33	31	+4	NW	1	o	4	bc	36	27	-		
Shields ...	29.31	33	N	2	o	29.42	+19	32	32	+2	NW	3	c	3	so	39	27	0.04		
Sourth Head ...	29.36	28	SSW	2	bc	29.43	+15	28	27	-3	WSW	2	c	3	spc	35	25	-		
York ...	29.34	29	N	1	b	29.44	+12	31	31	0	N	1	o	+	b	33	24	0.02		
Loughborough ...	29.34	28	SW	2	S	29.44	+09	25	25	-4	WNW	1	om	+	S	34	23	0.08		
SCANDINAVIA.																				
Androssan ...	29.43	34	N	1	om	29.58	+27	30	30	-3	N	1	bc	0	om	35	30	-		
Malin Head ...	29.47	37	N	6	o	29.64	+22	35	33	+4	N	5	chg	4	cg	38	31	0.01		
Mullaghmore ...	29.54	38	NW	6	cg	29.72	+14	35	32	+3	NW	6	chg	4	cg	38	30	0.07		
Belmullet ...	29.64	36	NW	6	cg	29.77	+11	36	34	+3	N	4	bc	+	spc	38	29	0.20		
Donaghadee ...	29.41	36	N	5	b	29.60	+22	36	33	+5	ENE	3	c	5	so	36	30	0.41		
SCANDINAVIA.																				
Liverpool (Cable)	29.31	28	NE	3	o	29.52	+14	31	30	-2	N	2	b	2	so	33	25	0.19		
Hoylehead ...	29.31	36	ENE	5	bc	29.53	+09	38	36	+4	ENE	4	bc	+	bc	39	30	0.46		
Parsonstown ...	29.54	28	SW	1	o	29.71	+06	30	29	+5	Z	0	c	1	o	38	24	-		
Valencia ...	29.62	33	ENE	2	c	29.80	+01	38	35	+4	N	3	bc	3	so	40	35	0.24		
Reche's Point ...	29.59	31	NW	4	b	29.68	-03	34	33	+5	N	5	bc	4	b	34	28	-		
SCANDINAVIA.																				
Pembroke (St. Ann's)	29.43	34	NW	4	S	29.57	+01	36	34	+2	N	3	chg	3	S	37	31	0.08		
Bally ...	29.54	36	NW	5	chg	29.87	-07	40	39	0	NW	5	chg	4	chg	40	32	0.16		
Howle Point ...	29.53	28	NW	2	b	29.83	-06	26	26	-6	NW	2	b	1	spc	36	25	0.01		
Jersey (St. Anne's)	29.56	35	NW	3	cg	29.67	-12	36	34	-3	NW	3	b	3	spc	36	28	0.09		
Hurst Castle ...	29.49	33	NW	4	b	29.45	-05	30	30	-6	ENE	5	cg	3	so	36	28	0.02		
SCANDINAVIA.																				
Dunfermline ...	29.47	33	NW	4	bc	29.40	-01	35	35	+7	SW	4	c	3	spc	40	25	0.01		
North Foreland ...	29.45	36	NW	2	b	29.40	-00	31	31	+2	W	1	os	3	so	35	27	-		
London ...	29.46	30	N	1	b	29.43	-00	30	29	+1	N	1	cg	+	so	37	27	0.01		
Oxford ...	29.39	28	N	4	o	29.48	+03	25	25	-6	N	3	o	+	so	34	25	0.03		
Cambridge ...	29.41	24	N	2	b	29.47	+06	26	26	-2	N	1	o	+	so	34	18	0.18		
Yarmouth ...	29.42	28	NW	2	b	29.44	+10	30	30	+4	NE	3	os	3	so	31	24	0.02		
SCANDINAVIA.																				
Copenhagen ...	29.42	28	SW	2	c	29.56	+32	27	25	-6	S	2	o	+	o	33	24	-		
Berlin ...	29.55	28	Z	0	+	29.69	+16	31	30	+1	S	2	o	+	S	32	28	0.04		
Wiesbaden ...	?	?	?	?	?	29.56	+03	30	29	+4	SW	1	o	+	+	36	27	-		
Munich ...	29.72	30	SW	2	o	29.80	-10	27	27	-3	NE	5	o	+	o	34	25	0.16		
The Helder ...	29.49	32	SEW	1	b	29.51	+19	32	32	-11	SSE	1	c	1	S	36	24	0.28		
SCANDINAVIA.																				
Brussels ...	?	?	?	?	?	29.49	+21	28	28	-4	SSE	1	S	+	S	33	27	0.04		
Cape Gris Nez ...	29.47	28	N	4	o	29.41	+08	28	27	-4	S	3	o	4	c	37	28	-		
Paris ...	29.61	34	SW	2	bc	29.48	-04	32	31	-2	N	2	3	+	bc	?	31	0.08		
Brest ...	?	36	NW	3	o	?	?	33	31	-6	NE	2	bc	3	o	46	30	0.04		
Lorient ...	29.60	35	WNW	1	o	29.48	-16	34	30	-5	ENE	3	o	3	o	45	34	0.12		
SCANDINAVIA.																				
Rochefort ...	29.60	41	N	5	b	29.48	-24	37	35	-2	S	4	c	+	b	42	36	0.16		
Belfort ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Lyons ...	29.75	33	E	1	+	29.69	-10	32	32	-9	SSE	1	+	+	so	42	32	0.12		
Nice ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Perpignan ...	29.71	45	Z	0	o	29.60	-22	42	37	+6	NW	3	o	+	o	60	36	-		
Barritz ...	29.77	44	N	3	+	29.63	-19	40	36	-9	SW	4	o	5	so	60	34	1.18		
SCANDINAVIA.																				
Coruna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?		
Lisbon ...	30.04	47	WSW	2	b	30.12	+11	46	43	-2	N	4	bc	+	b	54	43	0.08		

For Explanation of Columns, see bottom of p. 41

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

WEATHER CHARTS

for 8 a.m. on Saturday, 9th Jan^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:

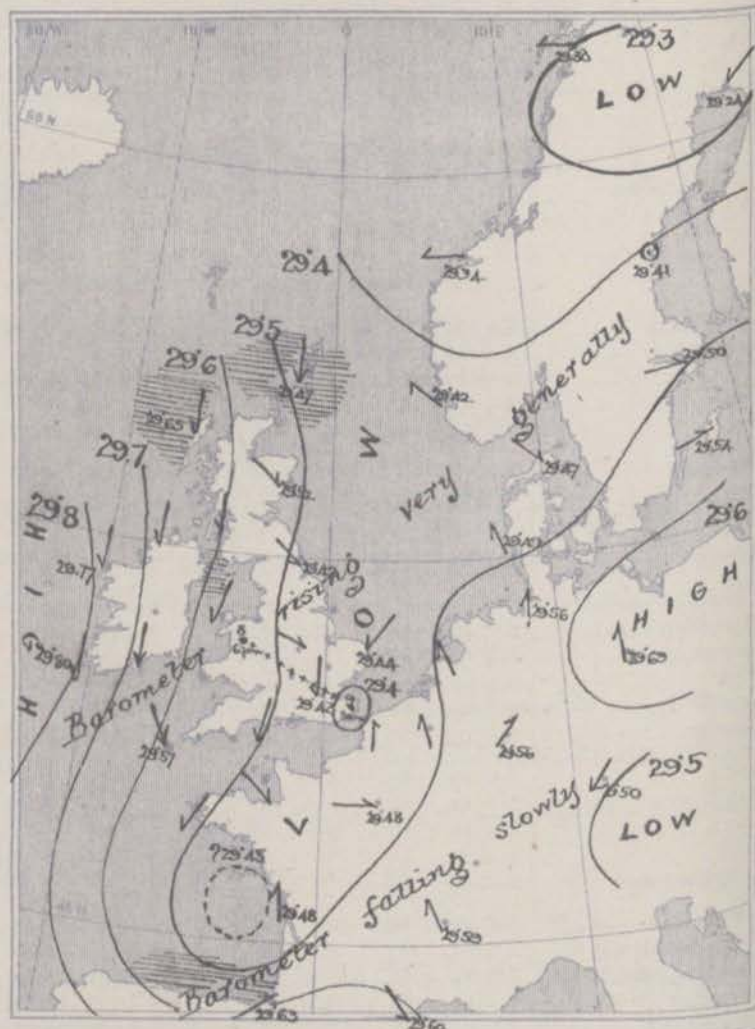
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Sour Head	29.926
York	29.932
Loughborough	29.967
Ardrassan	29.938
Mullaghmore	29.917
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Silly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.998
Yarmouth	29.979



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.

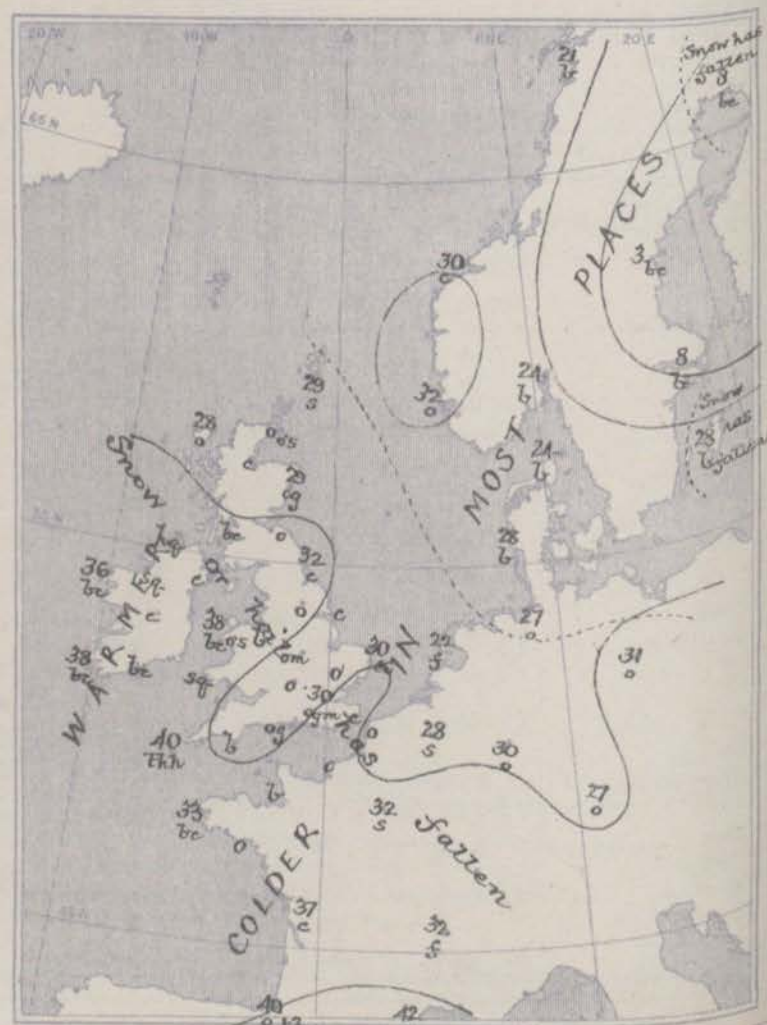
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	35.7	38.6	37.2	1.93
Shields.....	45.0	34.2	38.2	36.9	1.75
Sour Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrassan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	4.35
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.8	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.0	43.2	41.9	5.50
Pembroke.....	45.8	39.0	42.7	41.3	8.75
Silly.....	48.8	42.9	44.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.5	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.94
Dover.....	43.6	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.20
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and upwards, in the south of Portugal; 29.8 in: and upwards, off the west of Ireland.

Lowest, 29.3 in: and less, in a large shallow depression lying over the north of Scandinavia; 29.5 in: and less, in a long trough extending southwards across the North Sea and the east of England to the northern parts of France.

Gradients slight and rather irregular. Barometer rising at all but the French stations.

TEMPERATURE

Highest, 46° at Alesund, 42° at Lerpignon, 40° at Kelly and Biarritz, and 38° at Holyhead and Valencia Island.

Lowest, (1) 3° at Hemsund, 8° at Haparanda and Stockholm, and 21° at Bodø; (2) 22° at the Hebrides and 23° at Loughborough and Oxford.

Sharp frost again prevailed last night in most parts of the Kingdom; at Cambridge the sheltered thermometer fell to 18°.

WIND

N^r over the greater part of the United Kingdom; light in force at the eastern stations, but fresh or strong in the west.

Light from the S^{wd} over Denmark, North Germany and the Netherlands; moderate from the same quarter or from S.W. in the southwest of France.

Light from E. in the west of Norway, variable in Sweden.

WEATHER

Cloudy or overcast over the greater part of our Islands, France and Germany, with snow showers in some places, and with thunder, lightning and hail at Scilly.

Fine and bright in the south of Ireland, as well as in Scandinavia and Denmark.

Snow or hail fell yesterday in nearly all parts of Western Europe;—heavily at some of our northern and northwestern stations.

SEA

Rather rough off the north of Scotland, as well as at Donaghadee and Biarritz, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather over our Islands is inclined to improve but snow showers are still probable in various districts. A depression is apparently forming over the Bay of Biscay, but this is scarcely likely to affect the weather over the United Kingdom excepting perhaps in the southwest of England.

FORECASTS

For the 24 hours ending at NOON on 10th January 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^r winds, light or moderate; changeable, some snow showers.

Light breezes, chiefly N^r; fair generally, but some snow showers.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

Same as N^{os} 0 to 2

N^r winds, fresh or strong; unsettled, some snow showers.

WARNINGS

North Cone is still flying in districts 8 and 10.

See.—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.			
Skudesnes ...	29.32	30	27	N	1	C	3	Valencia ...	29.67	35	34	NE	5	o s p o	3
Sumburgh Head ...	29.34	33	33	NNE	2	C	4	Scilly ...	29.60	37	34	NW	5	bc h q	4
Stornoway ...	29.49	31	31	N	7	2	6	Jersey ...	29.61	40	37	NW	4	C	3
Aberdeen ...	29.56	34	32	NW	2	C	4	Hurst Castle ...	29.52	35	33	NW	4	C	3
Shields ...	29.28	30	30	WNW	2	O	2	Dungeness ...	29.46	38	36	NW	4	bc	4
Androssan ...	29.32	33	33	N	1	C	1	North Foreland ...	29.45	32	29	NW	2	S	4
Malin Head ...	29.38	36	35	WNW	8	O	5	London ...	29.46	37	33	NW	2	bc	3
Mullaghmore ...	29.33	36	33	NW	6	ch q	4	Yarmouth ...	29.56	31	30	N	3	bc	3
Behmullet ...	29.61	34	34	NNE	6	O	2	Rocheport ...	29.71	45	41	N	3	C	2
Holyhead ...	29.30	33	33	NW	6	q sm	6								

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

Weather in morning still very foggy over the southern parts of Russia, clear and bright over some parts of France and England, but changeable, as a rule, in most countries. Snow falling in several parts of the British Isles, France, Scandinavia, and the Baltic. Considerable fall of snow later over Scotland, the north of Ireland, and the northwestern part of England, as well as in Germany, small quantities elsewhere.

Temperatures changing very irregularly; risen fast (but still low) in Scotland, fallen over France and North Germany. Morning readings still exceeding 50° on the coast of Algeria and southern Italy, and exceeding 40° on the Mediterranean coast generally and the coast of Portugal; much lower elsewhere. Lowest (1) 15° at Napavanda and Hemsand, 18° at Bodo, 23° at Stockholm, 24° at New-Schwaben, 26° at Yarmouth; (2) 28° at Cambridge, Dungeness, and Aberdeen, 29° at Fife, Loughborough, and in London, 30° to 31° over our northern countries. Rising to between 40 and 45° on our southwest coast later, to rather higher in the west of France, to 50° at Brest, 54° at Lisbon, and 60° at Perpignan.

Wind N¹ to NW¹ over the United Kingdom, moderate as a whole, but blowing strongly at many stations; SW¹ over the Netherlands, Germany and the Baltic. S¹ over the Baltic Provinces, and Gulf of Finland (a gale in places). Very variable over southern, southern, and southeastern Europe. Inclined to back in the south of England later.

Barometer highest 30.0 in. and more to 29.9 in. over Spain, Algeria, the greater part of the Mediterranean and southeastern Europe. Lowest 29.0 in. and less in a depression lying over the Gulf of Bothnia and surrounding coast, and below 29.3 in. all over the North Sea, Holland, the Baltic and northern Europe. Gradients moderate but irregular. New (small) depression being developed over the Irish Sea and moving southwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is: b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
*AN ASTERISK is inserted in all places for which information is not usually received.
The evening observations are taken at 8 p.m. in France and our islands, with the exception of Oxford, where they are taken at 9 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, 10th January,

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).	Weather.	Shade Temp.		Amount of Rainfall.		
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.			
Inch.	°				Inch.	°	°	°					°	°	Inch.				
SCANDINAVIA.																			
Haparanda ...	29.58	8	Z	0	c	29.94	+ .68	-4	-4	+ 12	Z	0	b	#	c	18	?	—	
Hernösand ...	29.84	-3	Z	0	b	30.07	+ .66	-3	-3	+ 6	Z	0	o	#	b	12	-6	—	
Stockholm ...	29.86	9	Z	0	b	29.95	+ .45	9	9	+ 1	N	2	o	#	b	14	7	—	
Wishby ...	29.86	23	SE	4	b	29.83	+ .29	33	32	+ 5	E	6	o	#	b	32	19	—	
Bodö ...	29.61	23	E	2	bc	29.83	+ .33	22	18	+ 1	E	2	b	1	bc	23	18	—	
Christiansund...	29.60	28	ESE	1	bc	29.93	+ .59	30	29	0	ESE	3	c	4	bc	30	27	0.24	
Skudesnaes ...	29.58	35	SE	4	bc	29.88	+ .46	32	28	0	E	4	bc	3	bc	38	30	—	
Christiania Fjord (Færdier)	29.69	29	SSE	3	c	29.92	+ .44	23	22	— 1	NINE	5	o	2	o	24	23	—	
Skagen (The Seaw)	29.68	33	SSE	4	c	29.78	+ .31	30	29	+ 6	ENE	6	o	3	o	34	28	—	
Fanö ...	29.56	28	ESE	4	o	29.54	+ .05	31	32	+ 4	ENE	6	s	#	o	32	27	—	
Sumburgh Head	29.52	30	N	5	o	29.90	+ .43	30	28	+ 1	N	2	c	4	sc	31	27	0.04	
Stornoway ...	29.66	26	N	6	s	29.91	+ .26	37	37	+ 9	NE	6	o	6	s	37	24	0.12	
Wick ...	29.57	30	N	5	o	29.87	+ .34	35	34	+ 6	NE	6	ow	5	o	35	27	0.40	
Nairn ...	29.57	32	WNW	4	o	29.87	+ .31	34	33	+ 2	ENE	5	sr	4	sr	34	25	0.30	
Aberdeen ...	29.50	30	NW	3	c	29.80	+ .28	37	34	+ 8	ENE	6	cghpw	6	sp	37	27	0.14	
Leith ...	29.54	30	N	2	b	29.70	+ .14	35	34	+ 2	NNE	3	s	#	b	36	28	—	
Shields ...	29.45	34	NW	3	s	29.64	+ .22	34	33	+ 2	NNW	1	bc	3	s	35	27	0.60	
Spurn Head ...	29.34	34	ESE	3	ops	29.54	+ .11	35	34	+ 7	NNW	3	c	3	sp.	35	27	0.07	
York ...	29.42	30	N	1	c	29.63	+ .19	25	25	— 6	N	1	b	#	c	33	19	—	
Loughborough	29.42	29	W	1	o	29.54	+ .10	23	23	— 2	WNW	1	cm	#	o	31	23	0.01	
BRITISH ISLANDS.																			
Ardrossan ...	29.57	28	N	1	b	29.74	+ .16	33	32	+ 3	NE	3	c	2	b	33	24	—	
Malin Head ...	29.60	34	NNE	5	chp	29.74	+ .10	38	37	+ 3	NE	6	bc	3	hp	29	34	0.01	
Mullaghmore ...	29.65	33	NNE	4	o	29.78	+ .06	37	34	+ 2	N	5	c	4	shp	37	28	0.02	
Belmullet ...	29.68	32	NNE	5	o shp	29.78	+ .01	37	34	+ 1	ENE	5	shap	#	shp	37	29	0.30	
Donaghadee ...	29.59	33	N	5	b	29.68	+ .08	37	36	+ 2	NNE	6	b	4	b	37	33	0.06	
Liverpool (Bidston)	29.50	32	N	2	c	29.64	+ .12	25	24	— 6	NE	2	c	3	c	33	24	—	
Holyhead ...	29.52	35	NNE	4	c	29.61	+ .08	37	35	— 1	NE	4	c	4	c	39	30	0.07	
Parsonstown ...	29.63	24	Z	0	bc	29.73	+ .02	13	13	— 17	Z	0	bc	#	bc	31	13	—	
Valencia ...	29.67	35	NNW	3	ops	29.72	— .08	31	29	— 7	NE	4	b	4	sp	41	31	0.17	
Roche's Point	29.68	32	NNW	4	bc	29.73	+ .05	28	27	— 6	N	4	b	4	b	36	26	—	
Pembroke (St. Ann's Hd.)	29.50	36	N	4	s	29.55	— .02	28	28	— 8	NE	3	bc	2	s	37	25	0.25	
Scilly ...	29.57	37	N	5	bchp	29.48	— .09	36	33	— 4	NE	4	bc	4	shp	42	31	0.10	
Prawle Point ...	?	34	NW	2	c	?	?	26	26	0	NE	3	bc	1	sp	37	25	0.03	
Jersey (St. Aubin's)	29.51	36	NW	3	bc	29.40	— .07	34	33	— 2	ENE	3	cgm	3	bls	40	32	0.21	
Hurst Castle ...	29.47	28	N	2	m	29.47	+ .02	28	28	— 2	NNE	4	m	1	m	33	22	—	
Dungeness ...	29.39	35	NNW	3	o	29.46	+ .06	20	20	— 15	N	2	f	2	o	36	17	0.03	
North Foreland	29.37	33	NW	4	sp	29.49	+ .09	31	?	0	NW	3	c	3	sp	35	26	0.02	
London ...	29.43	27	N	1	o	29.53	+ .10	27	26	— 3	Z	0	fg	#	og	30	25	—	
Oxford ...	29.47	28	NW	2	o	29.53	+ .05	27	26	+ 2	NE	2	a	#	m	31	24	—	
Cambridge ...	29.45	28	Z	0	o	29.54	+ .07	27	26	+ 1	N	1	s	#	o	30	24	0.01	
Yarmouth ...	29.40	29	NW	1	b	29.49	+ .05	32	31	+ 2	NNE	3	c	4	b	33	22	0.08	
GERMANY.																			
Cuxhaven ...	29.52	30	NE	4	s	29.49	— .07	33	32	+ 6	NE	3	s	#	s	?	30	—	
Berlin ...	29.52	30	E	3	s	29.40	— .29	30	30	— 1	W	2	o	#	s	32	28	0.32	
Wiesbaden ...	#	#	#	#	#	29.51	— .05	27	26	— 3	Z	0	o	#	*	32	25	0.04	
Munich ...	29.43	29	SW	3	o	29.49	— .01	24	24	— 3	W	5	o	#	o	32	23	0.08	
The Helder ...	29.45	31	ENE	1	c	29.49	— .02	25	25	+ 3	W	1	bc	#	c	32	21	—	
FRANCE AND BELGIUM.																			
Brussels (9 a.m.)	#	#	#	#	#	29.52	+ .03	24	24	— 4	SE	1	o	#	s	31	24	0.47	
Cape Gris Nez	29.58	29	S	2	c	29.41	— .00	26	26	— 2	E	2	bc	2	c	34	25	—	
Paris ...	29.49	27	SSW	2	o	29.50	+ .02	21	21	— 11	SSE	2	o	#	o	34	20	—	
Brest ...	?	37	NE	4	s	?	?	31	30	— 2	NE	1	b	2	s	45	30	0.08	
Lorient ...	29.58	40	NW	4	o	29.09	— .09	33	32	— 1	N	2	s	3	o	41	32	—	
SPAIN.																			
Rochefort ...	29.60	35	ENE	5	b	29.43	— .05	38	36	+ 1	WSW	3	o	#	b	41	32	0.28	
Belfort ...	?	26	W	3	c	29.52	?	24	21	— 7	E	3	bc	#	c	32	16	—	
Lyons ...	29.52	32	NNE	1	c	29.60	+ .01	25	24	— 3	S	1	b	#	c	39	24	—	
Nice ...	29.26	41	NW	1	bc	29.34	— .13	37	37	— 11	NNW	2	b	5	b	45	34	0.04	
Perpignan ...	29.48	37	S	1	c	29.65	+ .05	31	29	— 11	NW	2	bc	#	c	48	30	—	
Biarritz ...	29.66	48	NNW	8	o	29.60	— .03	40	38	0	W	7	r	7	r	50	36	0.35	
PORTUGAL.																			
Corunna ...	#	#	#	#	#	29.65	— .30	43	43	— 5	SSW	6	o	5	*	53	37	0.28	
Lisbon ...	30.10	48	NNW	3	b	29.90	— .22	48	47	+ 2	WSW	4	bc	#	b	54	46	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 Sunday, 10th Jan^r 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

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

their barbs and feathers refer to force thus—

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

→ = forces 5 to 7; → = forces 1 to 4.

⊙ = dead calm.

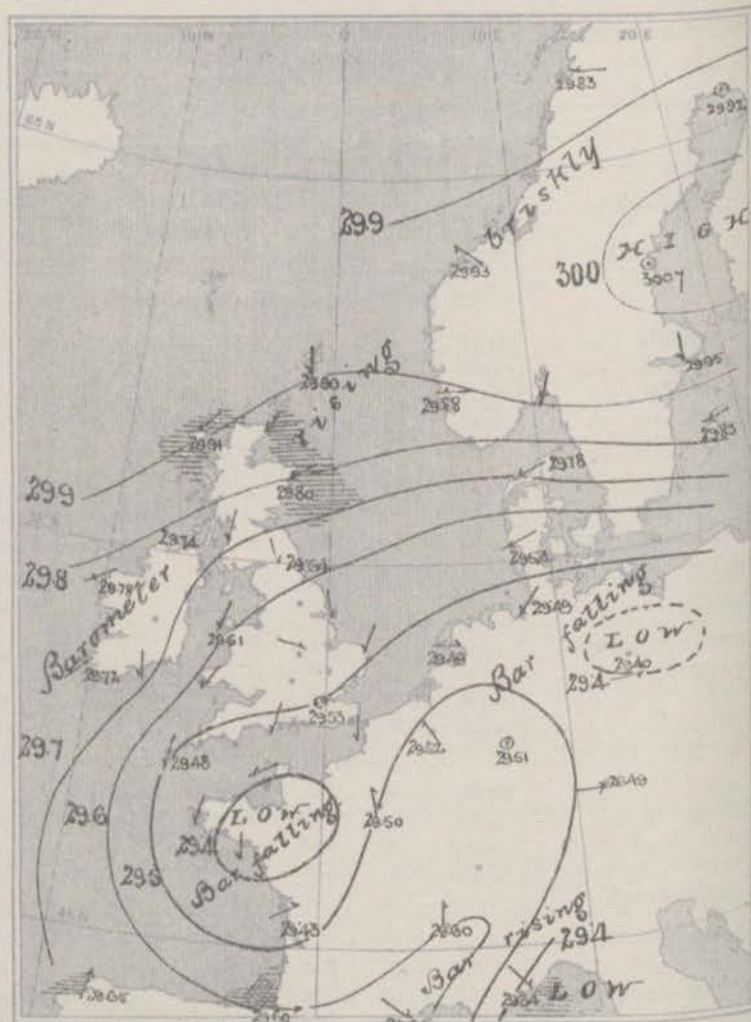
SEA DISTURBANCE—Where considerable, is shown thus:

☼ = Rough, ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumburgh Head	29.875
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.826
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.833
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.896
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

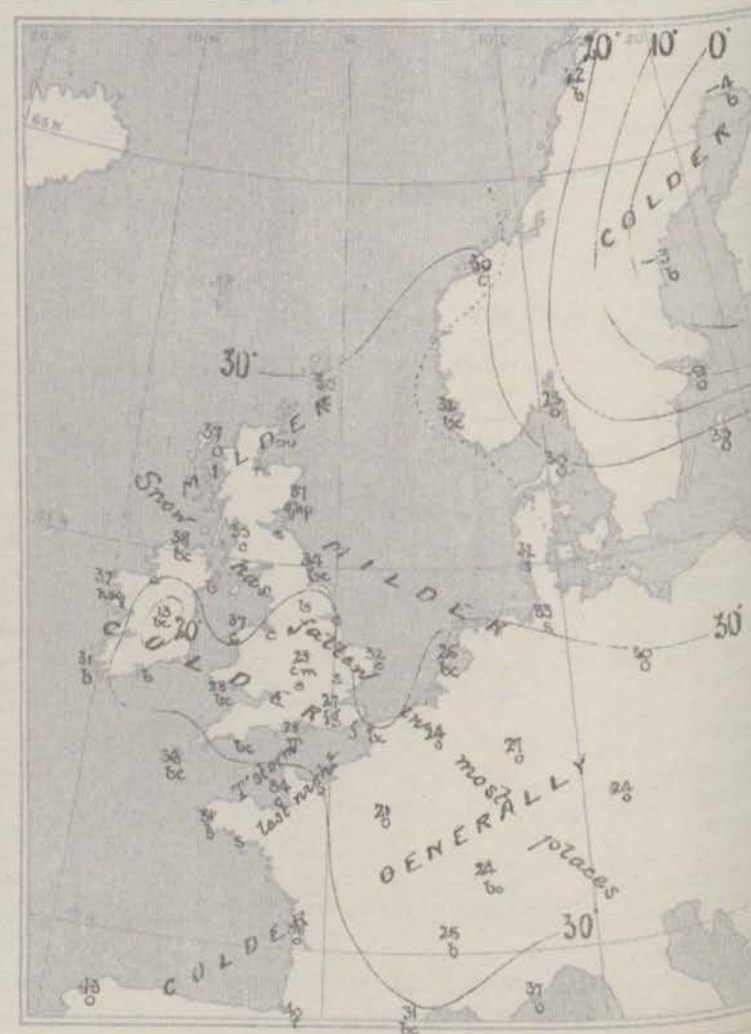
WEATHER is shown by letters of the Beaufort Scale.

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 January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Day.	Night.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.2	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.6	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.6	43.3	6.69
Roche's Point.....	47.7	39.6	43.2	41.9	5.50
Pembroke.....	45.6	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	46.8	38.2	41.8	40.4	2.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.91
Dover.....	43.6	36.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	32.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.84
Yarmouth.....	41.6	33.2	37.5	36.7	1.95

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 upwards, over Central Sweden and the Gulf of Bothnia; 29.9 in: and upwards over the southern part of the Spanish Peninsula.
 Lowest, 29.4 in: and less, in a small depression lying over the northwest of France and also in a smaller system lying near Berlin.
 Gradients slight generally. Barometer falling briskly in the west of France and to a less extent at most of the German stations, but rising elsewhere.

TEMPERATURE

Highest, (1) 48° at Lisbon, 43° at Florence, 40° at Biarritz, and 38° at Stockholm; (2) 36° at Malin P., and 37° at Bordeaux, Rheims, Donaghadee, and Holyhead.
 Lowest, (1) -4° F. at Vapvarde, -3° at Hornsund, and 9° at Stockholm; (2) 13° at Parnassus; (3) 20° at Dungeness, 21° at Paris, and 23° at Loughborough.
 The maxima registered yesterday were below 32° over Central Ireland, and many of the inland English stations.

WIND

NE or N over our Islands, and strong in force at many of the northern stations.
 Strong from the E over Denmark and the south of Sweden; light or moderate from the same quarter in the west of Norway.
 Moderate to strong from the SW over Spain and the southwest of France, light from the S over Central France; variable in Germany.

WEATHER

Fine on the west and southwest coasts of our Islands and also in the west of Norway.
 B dull elsewhere, with fog in the southeast of England and snow or hail showers at several of our northern and eastern stations.
 Snow fell yesterday in many parts of Western Europe, - heavily at some of our own northern stations.

SEA

High at Biarritz, and rough off the north and northeast of Scotland, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 11th JAN^y 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

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

WARNINGS

Orders were issued at 9.35 am to hoist the North Cone in districts 3, 5 and 8.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.47	35	33	SSE	5	o	3	Valencia ...	29.78	39	35	NNW	3	b. sky	3
Sumburgh Head ...	29.50	30	30	N	5	s	5	Scilly ...	29.60	37	37	N	6	ch. sp.	4
Stornoway ...	29.63	26	26	N	6	s	6	Jersey ...	29.49	37	34	NN	3	bc	3
Aberdeen ...	29.50	29	27	NN	4	cq	4	Hurst Castle ...	29.47	31	30	N	3	m	2
Shields ...	29.43	31	31	NNW	3	s	3	Dungeness ...	29.34	30	33	NNW	3	s	3
Ardrossan ...	29.56	33	32	N	1	b	1	North Foreland ...	29.40	33	32	WSW	1	s	3
Malin Head ...	29.61	33	31	N	4	o	3	London ...	29.44	28	28	NNW	1	ofm	3
Mullaghmore ...	29.69	31	31	NNW	4	o. sp.	3	Yarmouth ...	29.40	33	32	NE	2	co	4
Belmullet ...	29.72	25	34	N	5	o. sp.	*	Rocheport ...	29.39	34	33	ESE	5	s	3
Holyhead ...	29.52	35	33	NNE	4	o. sp.	4								

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

Weather in morning cold generally; fine and quiet over some parts of Spain, cloudy, foggy and quiet over southern and central Russia, and temporarily clear in some parts of Scandinavia and the British Islands. Very changeable however over Western Europe as a whole, with snow or sleet in several parts of France and some parts of the British Islands, thunder and lightning at night. Snow later in most places (heavy at Shields and Belmullet), rain at Binnitz and over Spain; and heavy rain over the north of Italy and southwest of Austria.

Temperature in morning exceeding 50° at several Mediterranean stations, exceeding 40° on the Portuguese coast, and touching 40° at Scilly; lower elsewhere. Lowest 3° at Helsingfors, 8° at Haparanda and Stockholm, 22° at Helsingfors, 24° at the Sea. 25° to 31° over central England, 30° at Paris, 28° to 32° over Central France. Not changing much over our Islands and northern Europe later, but reaching 50° at Binnitz and Comuna, 54° at Helsingfors, 60° and more in the south of Italy and Algeria, 70° at Palermo. Successively night very sharp over England.

Winds N over the British Islands, and blowing very fresh at the Irish stations; S over many parts of France and in the Straits of Dover, SW to S over the Baltic Provinces, central, and southern Russia. A separate cyclonic circulation over the Mediterranean, with the wind strong in Sicily and over the Adriatic. Gales experienced from between SW. and NW. over the Mediterranean later, and N breezes spreading to Straits of Dover.

Barometer highest 30.1 ins. and more to 29.9 ins. over the southwestern half of Spain, and exceeding 29.8 ins. off the west coast of Ireland; 30.0 ins. and more to 29.9 ins. over southern Europe. Lowest 29.3 ins. and less, over Lapland and the northern parts of Norway and Sweden; 29.4 ins. and less, over the Baltic Provinces, 29.5 ins. and less in a large hollow stretching from Norway across the North Sea and England to the north and west of France, as well as in a depression over the Gulf of Genoa. Falling over south and Central Europe, rising in the north.

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).

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Weekly

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DAILY WEATHER REPORT

for Monday, 11th January, 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.		Force.	Barometer.		SHADE TEMP.			Wind.		Force.	Weather.	Sea.	SHADE TEMP.		Amount of Rainfall.		
Reading at 5 P.M. and Sea Level.	Dry Bulb.	Dir.	Force (12)	Reading at 8 P.M. and Sea Level.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (12).	Weather.	Sea (10 to 9).	Weather.	Max.	Min.	Inch.					
																			Inch.		
SCANDINAVIA.	Haparanda ...	29.86	8	Z	0	b	29.87	-35	16	15	+20	SW	2	0	4	b	16	-6	-		
	Hernösand ...	30.07	-9	Z	0	b	29.75	-29	-7	-7	-14	Z	0	6	4	b	2	-13	-		
	Stockholm ...	29.93	26	NNE	3	c	29.80	-15	15	14	+6	N	2	6	4	c	27	5	-		
	Wisby ...	29.74	33	NE	6	0	29.68	-15	34	32	+1	ESE	4	0	4	0	36	19	-		
	Bodo ...	29.64	31	SE	6	m	29.10	-73	35	34	+13	SW	8	m	5	m	7	18	-		
	Christiansund...	29.94	32	SW	2	b	29.63	-30	30	33	+6	WSW	7	0	4	b	36	30	-		
	Skudesnaes ...	30.00	28	NNE	2	b	29.89	+01	28	24	-7	Z	0	c	2	b	32	7	-		
	Christiania Fjord (Fjord)	29.97	26	NNE	6	b	29.81	-11	21	19	-2	N	3	6	1	b	26	21	-		
	Skagen (The Sound)	29.80	29	ESE	7	c	29.81	+03	26	25	-4	ESE	2	0	1	c	30	25	-		
	Faro ...	29.62	29	NE	6	0	29.70	+16	30	30	-2	NE	6	0	4	0	32	29	0.02		
BRITISH ISLANDS.	Sumburgh Head	30.04	32	N	1	c	29.83	-07	39	39	+9	W	3	c	4	0	39	29	-		
	Stornoway ...	30.03	33	N	6	0	30.03	+12	34	34	-3	N	3	0	4	c	39	36	-		
	Wick ...	30.09	33	NE	4	bc	29.96	+09	33	31	-2	W	3	0	2	c	38	28	0.08		
	Nairn ...	30.04	36	ESE	3	c	30.04	+00	30	29	-1	WSW	2	0	2	thc	36	28	0.16		
	Aberdeen ...	30.03	34	NW	3	bcsp	30.03	+23	28	27	-9	NW	2	bc	5	sp	36	27	0.05		
	Leith ...	29.96	36	NE	2	bc	30.06	+36	30	29	-5	SW	2	m	4	hsp	40	29	0.10		
	Shields ...	29.88	34	NE	5	bcsp	29.98	+34	30	35	+6	N	5	c	5	sp	40	34	0.24		
	Spurn Head ...	29.61	37	NNE	6	c	29.83	+29	38	36	+3	NNE	6	0	6	prs	38	32	0.07		
	York ...	29.72	33	N	1	csp	29.94	+31	32	32	+7	N	1	b	4	sp	36	25	0.45		
	Loughborough	29.65	32	N	2	s	29.87	+33	34	33	+11	NNE	3	omrs	4	s	34	22	0.14		
GERMANY.	Ardrossan ...	29.98	33	NE	1	b	30.08	+34	32	31	-1	NE	1	bf	1	b	34	31	-		
	Malin Head ...	30.00	39	NE	5	b	30.12	+38	38	35	0	N	2	b	2	b	40	36	-		
	Mullaghmore ...	30.00	38	NNE	5	b	30.15	+37	31	30	-6	S	1	b	2	b	39	30	0.02		
	Belmullet ...	29.99	39	ESE	5	bc	30.18	+37	37	36	0	NNE	2	c	1	bc	39	34	0.50		
	Donaghadee ...	29.94	38	NE	6	b	30.10	+32	39	38	+2	NE	5	b	4	b	40	35	-		
	Liverpool (Midland)	29.77	34	NNE	4	c	29.99	+35	33	31	+8	N	3	bc	3	s	35	25	0.01		
	Holyhead ...	29.77	38	NE	5	c	29.98	+37	40	37	+3	NE	4	b	4	c	40	34	-		
	Parsonstown ...	29.89	30	NW	1	b	30.13	+40	21	21	+8	Z	0	bc	4	b	34	13	-		
	Valencia ...	29.88	37	NW	5	c	30.12	+40	34	32	+3	E	2	b	3	c	38	31	-		
	Roche's Point	29.83	32	N	4	b	30.04	+31	32	31	+4	NNE	4	b	4	b	36	28	-		
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hill)	29.70	30	NE	2	b	29.93	+38	36	35	+8	NE	4	cq	2	b	37	27	-		
	Scilly ...	29.63	33	ESE	5	bc	29.85	+37	38	35	+2	ESE	5	bc	4	bc	38	32	0.07		
	Prairie Point ...	?	30	NNE	5	c	29.87	?	34	33	+8	NNE	3	04	2	c	34	26	-		
	Jersey (St. Aubert's)	29.55	35	ESE	3	b	29.83	+43	34	32	0	NNE	3	sp	3	qm	37	23	0.01		
	Hurst Castle ...	29.63	30	NNE	3	b	29.85	+38	32	32	+4	NE	3	c	1	b	33	26	-		
	Dungeness ...	29.57	30	N	1	m	29.78	+32	30	30	+10	N	2	m	1	fm	30	18	-		
	North Foreland	29.58	35	NE	2	0	29.75	+26	33	33	+2	NW	3	bc	3	ca	35	30	0.01		
	London ...	29.62	32	W	1	0	29.82	+29	34	34	+7	Z	0	og	4	spg	34	27	-		
	Oxford ...	29.70	30	N	2	0	29.87	+34	33	32	+6	N	3	03	4	0	34	26	0.10		
	Cambridge ...	29.68	29	N	1	0	29.82	+30	33	33	+6	N	3	s	4	0	34	25	0.07		
NETHERLANDS.	Yarmouth ...	29.56	30	NW	1	csp	29.75	+26	35	34	+3	NE	4	og	5	spn	35	29	0.19		
	Cuxhaven ...	29.45	34	NNE	1	f	29.61	+12	34	33	+1	NNE	3	f	4	f	34	21	-		
	Berlin ...	29.82	29	W	4	0	29.68	+28	28	27	-2	W	3	0	4	0	30	27	-		
	Wiesbaden ...	?	?	?	?	?	29.80	+29	14	13	-13	SW	2	c	4	?	30	14	-		
	Munich ...	29.66	18	SW	2	b	29.78	+29	6	6	-18	SE	4	b	4	b	27	-13	-		
	The Helder ...	29.62	25	S	1	0	29.71	+22	34	34	+9	NW	1	0	3	c	?	23	-		
	Brussels (Laeken)	?	?	?	?	?	29.80	+28	13	13	-11	Z	0	bc	4	0	29	13	-		
	Cape Gris Noz	29.53	28	ESE	1	f	29.71	+30	31	30	+5	W	3	m	2	f	34	23	-		
	Paris ...	29.60	28	NE	2	bc	29.80	+30	19	19	-2	N	1	b	4	bc	32	17	-		
	Brest ...	?	34	NE	2	f	?	?	28	28	-3	E	1	b	2	s	43	27	0.16		
PORTUGAL.	Lorient ...	29.48	35	N	3	c	29.74	+35	31	28	-2	ESE	5	b	4	c	39	30	-		
	Rochefort ...	29.45	35	NW	3	0	29.65	+22	34	33	-4	ESE	4	0	4	0	46	32	-		
	Belfort ...	?	26	?	3	0	?	?	28	23	+4	E	3	s	4	0	36	16	0.04		
	Lyons ...	29.63	31	ESE	1	bc	29.76	+16	30	28	+5	E	1	b	4	bc	33	?	-		
	Nice ...	29.62	40	NW	3	b	29.81	+17	39	31	+1	NE	4	0	4	b	45	34	-		
	Perpignan ...	29.66	38	SE	2	b	29.71	+16	32	31	+1	W	2	0	4	b	61	30	-		
	Barritz ...	29.51	46	S	4	0	29.55	-05	45	39	+5	S	3	0	3	0	48	39	-		
	Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-	-		
	Lisbon ...	29.62	33	SW	5	0	29.41	-49	51	50	+3	SW	5	?	4	0	55	?	0.31		





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

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

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

EXPLANATION OF MAP

Changes since previous morning are stated in words.

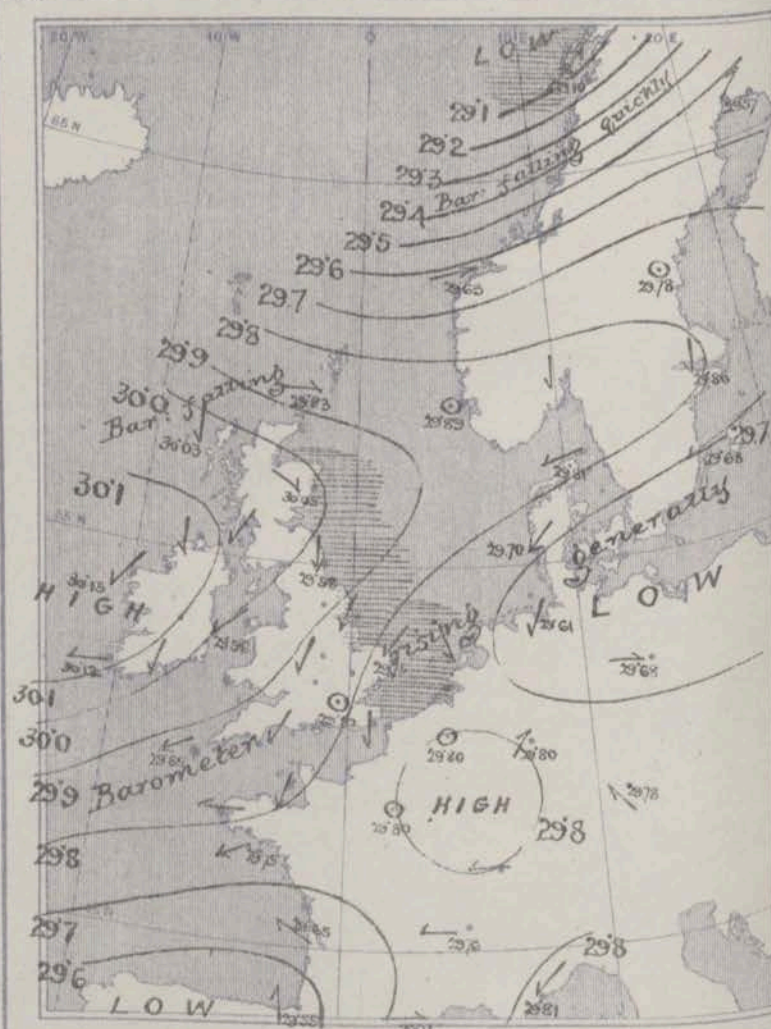
 = forces above 10;  = forces 8 to 10;
 = forces 5 to 7;  = forces 1 to 4.
 = dead calm.

 = Rough. = High

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sunburgh Head	29° 475
Stornoway	29° 682
Wick	29° 719
Nairn	29° 745
Aberdeen	29° 787
Leith	29° 825
Shields	29° 881
Spurn Head	29° 926
York	29° 932
Loughborough	29° 967
Androssan	29° 938
Mullaghmore	29° 817
Donaghadee	29° 855
Holyhead	29° 902
Liverpool	29° 924
Parsonstown	29° 895
Valencia	29° 887
Roches's Point	29° 908
Pembroke	29° 935
Sully	29° 969
Prawle Point	30° 006
Jersey	30° 022
Hurst Castle	30° 002
Dover	30° 012
LONDON	30° 006
Oxford	29° 969
Cambridge	29° 993
Yarmouth	30° 029



It is shown by Letters of

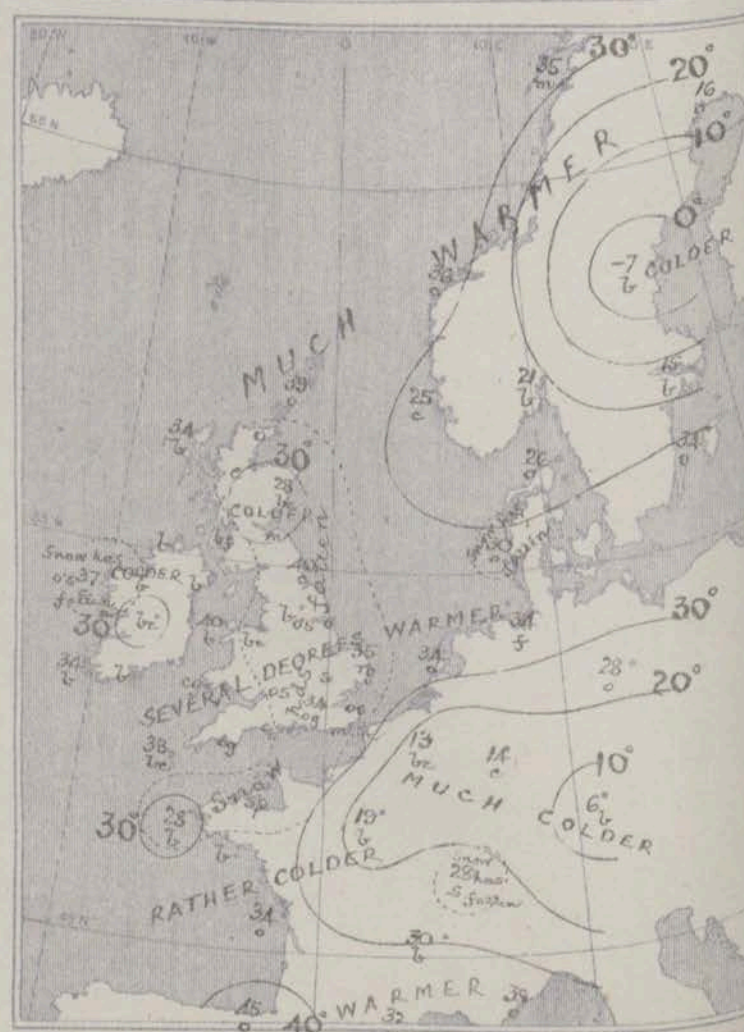
$\Gamma_1 = 4$ dotted line separates

(For the month of January.)

TEMPERATURE.

STATIONS.	TEMPERATURE.				RAINFALL. (Inches.)
	Daily Max.	Daily Min.	RE H. A.M.		
			Dry.	Wet.	
Sumburgh Head.....	42·9	35·6	39·7	38·4	3·72
Stornoway	43·3	34·5	39·5	38·4	5·30
Wick.....	42·4	33·2	38·2	36·8	2·05
Nairn	42·2	32·9	37·2	35·6	1·99
Aberdeen	42·4	32·2	37·3	35·6	2·31
Leith	44·4	33·7	38·5	37·2	1·93
Shields	43·0	34·2	38·2	36·9	1·75
Spurn Head.....	41·7	34·5	37·7	36·7	1·35
York	42·7	32·5	36·7	35·7	1·87
Loughborough	43·0	32·3	36·4	35·4	2·04
Ardrossan	44·2	36·3	40·0	38·8	4·25
Mullaghmore	45·1	38·0	41·6	40·4	4·36
Donaghadee.....	44·4	35·1	40·0	39·2	2·98
Holyhead.....	45·6	38·7	41·7	40·3	3·38
Liverpool	43·5	35·2	38·6	37·9	2·22
Parsonstown	45·6	34·2	38·9	37·8	3·12
Valencia	49·5	40·4	44·5	43·3	6·69
Roche's Point	47·7	39·2	43·2	41·9	5·50
Pembroke.....	45·5	30·0	42·7	41·3	3·75
Seilly	48·8	42·9	44·4	44·9	3·73
Prawle Point	46·2	37·6	42·0	41·0	3·09
Jersey	45·8	38·3	41·8	40·4	3·21
Hurst Castle	45·0	36·3	40·3	39·5	2·94
Dover	43·5	35·8	39·2	38·1	2·58
LONDON	44·1	35·4	37·6	36·6	2·12
Oxford	43·1	33·6	37·1	36·1	2·25
Cambridge	43·3	31·7	36·2	35·4	1·54
Yarmouth	41·5	33·8	37·5	36·7	1·95

NOTE.—The Temperature means are for the 30 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards, over Ireland.

Lowest, 29.1 in. and less, in a depression lying off the northwest of Norway; 29.5 in. and less, in another disturbance lying over Portugal.

Gradients steep over the north of Scandinavia, but slight elsewhere.

Barometer falling quickly in the west of Norway and to a less extent in other parts of Scandinavia and also in the north of Scotland, but rising elsewhere.

TEMPERATURE

Highest, (1) 51° at Lisbon, 45° at Biarritz, and 39° at Nice; (2) 40° at Shields, and Holyhead, and 39° at Edinburgh and Glasgow.

Lowest (1) -7° at Helsingfors, +15° at Stockholm, and 16° at Haparanda; (2) 6° at Munich, 13° at Brussels, and 14° at Wiesbaden.

The thermometer has risen several degrees over England, but fallen in Scotland, as well as in Germany.

WIND

Moderate to fresh from the NE¹ over England, Denmark, the south of Sweden and the north of France. E¹ over the southern part of France and Germany.

Light from the W¹ or NW¹ in Scotland, strong to a gale from SW¹ in the west of Norway.

WEATHER

Fine in Ireland and the north of England, as well as in Sweden and central France.

Cloudy or overcast elsewhere, with rain at Yarmouth and snow in some parts of our midland and southeastern counties, as well as at Belfast.

Hail or snow showers fell yesterday in many parts of Great Britain, but in Ireland the weather is mostly fine.

SEA

Rough at Spurn Head, and rather rough on the east coast of Great Britain generally, as well as at Dover.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over Ireland seems likely to move southwards, and freshening W¹ winds will probably set in on our northern coast, with milder weather. In the more southern districts the wind is likely to remain NE¹ or N¹ for the present.

FORECASTS

For the 24 hours ending at NOON on 12th January, 1892.

DISTRICTS.

FORECASTS.

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

W¹ winds, freshening; with some rain or sleet, milder.

W¹ winds, light; fair generally, milder.

N¹ to NW¹ winds, light; fair generally but local fogs.

N¹ winds, light; some sleet at first, then fair, but with local fogs.

DISTRICTS.

FORECASTS.

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

Same as No 1.

Same as No 2.

NE¹ to N¹ winds, moderate; fair generally.

WARNINGS

Orders were issued at 10.20 am to lower the cone in districts 3, 5, and 8.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.95	32	27	NNE	2	b	3	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	30.04	35	35	N	4	o	4	Jersey ...	29.47	36	34	NE	3	c q m	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	29.52	30	30	N	3	m	2
Ardrossan ...								North Foreland ...	29.54	33	?	NE	2	s	?
Malin Head ...	29.89	40	39	NNE	5	b c	3	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.91	39	34	NNE	5	o	5	Rocheport ...	29.40	45	44	WNW	5	c	3
Holyhead ...	29.71	37	35	NE	4	b c	4								

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

Weather cold but very changeable over the whole of western Europe. Sky clear in several regions dull in others, with snow, sleet, grapel or cold rain in many localities and a threatening appearance in others; unsettled over the southwestern and southern countries also, foggy and dull in the east. Snow falling in the north later and a few slight showers at several of the English and some French stations - largest amount 0.45 in. at York.

Temperature low in all parts of Europe. Highest morning values 50° and more at Malta and several of the Algerian stations and 40° or more over Italy, the east of Spain and in Portugal. Below 40° all over the United Kingdom and as low as (1) -6° F. at Ulesborg, -3° at Hernimand, 16° at St Petersburg, 19° at Archangel and Moscow (2) 21° at Paris, 23° at Münster, 24° at Belfort, Munich and Brussels, (3) 23° to 27° over England, and 13° at Parsonstown, 28° at Roche's Point, (4) 28° at Madrid. Rising to above the freezing point over our Islands later and touching 40° at Leith and Shields.

Wind mainly E. over Scandinavia and the Baltic, NE. to N. over the British Islands (strong at the northern and western stations); mainly SW. to W. over the Iberian Peninsula and Baltic (a gale at Sangüinaria), SE. over Hungary, SE. over southern Russia. Very variable elsewhere; small cyclonic circulation over the northwest of France, the Gulf of Genoa and Corsica, and a larger one over Austria Hungary. Becoming still more variable over France and the east of England late.

Barometer highest 30.3 ins. and more to 30.0 ins. in an anticyclone over Russia; 30.0 ins. and more to 29.9 ins. over Algeria and the southern half of Spain. Lowest 29.4 ins. and less in a depression over Brittany, 29.3 ins. and less in two others, one over the Gulf of Genoa, the other over Austria. Falling over Spain later rising in our Islands. New ^{high} pressure system spreading over us from northward.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 3rd TO 9th JAN. 1892.

The weather of last week was cold and unsettled with strong gales and heavy snowstorms over the northern parts of the United Kingdom and with frequent but less decided falls of snow in the south.

Barometrical pressure was mostly highest over Spain but high also to the southwest of our Islands, the lowest readings being found in a series of large cyclonic disturbances which travelled in an E. S. E. direction across Scandinavia. The prevailing winds have therefore been NW. or N. in the west and north of the United Kingdom but W. in the south and southeast. The most important depressions observed were

1. A large system with readings below 28 ins. which travelled across Scandinavia on the 3rd which occasioned severe NW. gales and heavy snowstorms in the north of Scotland, with showers of hail or sleet in many other parts of the Kingdom.
2. An equally large depression with similarly low readings which passed across Scandinavia on the 5th and which occasioned further severe gales and snowstorms in the extreme north, with falls of sleet or hail in other parts of the Country.
3. A still larger and deeper system with minimum readings as low as 28.4 ins. which passed across the coast of Scandinavia on the 6th and which produced very unsettled weather over the entire Kingdom.

On the 7th a well marked secondary disturbance travelled from the northward across the west of Scotland to the Irish Sea and then passed southward across England, its progress being marked by strong N. gales and heavy snowstorms on our western northwest coast generally, while on the following day a depression system was formed over the northwest of England and also travelled to the east of the country. Each of these disturbances produced an extension of unsettled weather to our southern districts, with falls of snow in many places.

Temperature was low throughout the entire week and on the 9th the maximum readings were below the freezing point in many 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 8 p.m. in France and our Islands, with the exception of Oxford, where they are taken at 3 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 12th January* 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.																			
STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.	Barometer.		Shade Temp.			Wind.		Sea (0 to 9).	Weather.	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.	Direc.	Force (0 to 12).			Max.	Min.			
Inch.																			
SCANDINAVIA.	Haparanda ...	29.18	27	SW	4	d	29.11	-46	22	21	+6	SW	2	bc	#	d	24	0	0.20
	Hernösand ...	29.32	10	2	0	c	29.31	-48	24	23	+31	2	0	0	#	c	20	-13	—
	Stockholm ...	29.58	17	WNW	2	f	29.41	-39	?	?	?	2	0	0	#	f	21	14	—
	Wisby ...	29.56	32	NE	4	0	29.46	-22	26	26	-6	SW	4	bc	#	f	26	21	—
	Bodö ...	29.03	28	W	5	c	29.53	-17	31	21	-4	W	4	0	2	c	26	25	—
	Christiansund...	29.44	35	WNW	9	0	29.35	-21	33	32	-3	WNW	7	d	6	0	37	21	0.20
	Skudesnaes ...	29.37	40	W	4	T	29.32	-3	34	30	+9	WNW	5	c	4	T	?	25	—
	Christiania Fjord (Færder)	29.37	29	WNW	2	c	29.34	-47	31	29	+10	WNW	4	6	3	c	?	?	—
	Skagen (The Scaw)																		
	Fanö ...	29.71	21	WNW	2	m	29.59	-11	36	36	+6	WNW	4	T	#	m	36	19	0.01
ISLANDS.	Sumburgh Head	29.62	39	N	1	0	29.56	-57	30	28	-9	N	4	0	4	0	48	29	0.01
	Stornoway ...	29.80	34	W	4	T	29.72	-10	33	33	-1	N	4	0	4	T	31	26	0.05
	Wick ...	29.70	36	W	4	0	29.56	-10	33	31	0	N	4	0	3	0	31	30	0.15
	Nairn ...	29.81	35	W	3	0	29.80	-15	34	33	+4	WNW	1	0	2	0	31	21	0.05
	Aberdeen ...	29.84	36	N	2	0	29.83	-18	33	32	+5	WNW	3	c	3	0.06	39	27	0.04
	Leith ...	29.92	33	SW	1	m	29.85	-21	33	33	+7	ENE	3	0	#	m	37	29	0.05
	Shields ...	29.92	32	WN	2	bc	29.80	-18	36	35	-4	W	2	0	3	bc	40	21	—
	Spurn Head ...	29.88	32	N	4	c	29.81	-02	34	33	-4	W	3	0	4	c	40	30	—
	York ...	29.94	32	N	1	6	29.84	-10	34	33	+2	W	1	0	#	6	40	24	—
	Loughborough	29.92	29	WN	2	6	29.85	+02	20	20	-14	2	0	c	#	6	38	18	0.01
BRITISH ISLANDS.	Ardrossan ...	29.96	36	2	0	off	29.83	-25	41	41	+9	E	1	c	1	off	42	26	0.10
	Malin Head ...	30.01	37	SW	3	off	29.85	-27	41	41	+3	N	5	0.06	3	off	43	36	0.11
	Mullaghmore ...	30.06	36	SW	2	om	29.90	-25	38	38	+8	SW	4	7.0	2	om	39	30	0.13
	Belmullet ...	30.08	36	0	2	0	29.92	-23	38	38	+1	WNW	2	c	#	0	41	35	0.13
	Donaghadee ...	30.02	33	WN	3	bc	29.87	-28	36	36	-3	WN	2	c	0	bc	37	31	—
	Liverpool (Bidston)	30.00	35	WNW	1	c	29.91	-08	35	34	+2	W	2	c	2	c	36	32	0.01
	Holyhead ...	30.01	35	WNW	3	bc	29.92	-06	35	34	-1	WNW	2	bc	2	bc	40	31	—
	Parsonstown ...	30.09	25	2	0	6	29.93	-20	24	24	+8	2	0	0	#	6	31	19	—
	Valencia ...	30.09	35	WNW	2	bm	29.95	-13	32	30	-2	E	1	6	1	bm	30	32	—
	Roche's Point	30.08	32	WNW	4	6	29.98	-26	32	31	0	N	3	6	3	6	39	29	—
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.95	35	NE	2	bc	29.95	+02	30	29	-6	ENE	2	c	2	bc	37	21	—
	Scilly ...	29.85	40	ENE	5	c	29.85	+04	39	36	+1	NE	4	bc	4	c	41	35	—
	Prawle Point ...	29.92	35	NE	3	c	29.92	+05	31	30	-3	NE	3	bc	2	c	36	29	—
	Jersey (St. Aubin's)	29.85	35	ENE	8	om	29.85	+04	37	35	+3	NE	2	bc	2	0	39	33	—
	Hurst Castle ...	29.85	36	NE	4	c	29.93	+08	27	27	-5	WNW	2	bm	0	c	37	26	—
	Dungeness ...	29.82	34	N	2	m	29.85	+09	25	25	-5	N	3	bc	2	m	35	24	—
	North Foreland	29.81	32	N	4	0	29.85	+12	31	31	-2	WNW	2	6	4	0	38	29	—
	London ...	29.85	36	WNW	3	om	29.83	+11	23	22	-11	WN	1	bm	#	signific	37	23	0.02
	Oxford ...	29.96	30	WNW	2	6	29.95	+08	20	20	-13	WNW	1	om	#	6	37	20	0.05
	Cambridge ...	29.84	32	N	2	bc	29.83	+09	18	18	-15	N	1	c	#	bc	35	14	—
FRANCE AND BELGIUM.	Yarmouth ...	29.81	37	NE	4	c	29.85	+10	25	25	-10	W	2	bc	3	c	37	24	0.02
	Cuxhaven ...	29.66	33	N	2	T	29.74	+13	30	29	-4	WNW	2	c	#	T	34	27	0.20
	Berlin ...	29.67	28	SW	3	0	29.70	+02	33	32	+5	WNW	3	0	#	0	37	27	—
	Wiesbaden ...	#	#	#	#	#	29.81	+08	25	24	+11	2	0	0	#	*	27	14	—
	Munich ...	29.77	10	2	0	0	29.86	+08	24	23	+10	WN	4	6	#	d	25	6	—
	The Helder ...	29.81	35	N	1	c	29.83	+12	37	35	+3	W	1	c	1	c	37	34	—
	Brussels (9 a.m.)	#	#	#	#	#	29.90	+10	25	25	+16	SW	1	f	#	f	32	?	0.04
	Cape Gris Nez	29.75	37	N	4	a	29.84	+13	36	34	+5	ENE	2	c	2	0	39	30	0.01
	Paris ...	29.85	24	SW	1	6	29.85	+09	18	18	-1	NE	2	bc	#	6	31	15	—
	Brest ...	29.75	35	ENE	2	6	29.85	+09	34	32	+6	E	4	6	4	6	37	27	—
FRANCE AND BELGIUM.	Lorient ...	29.75	35	ENE	5	6	29.75	+01	32	29	+1	ENE	5	6	3	6	37	27	—
	Rochefort ...	29.65	34	E	5	T	29.58	-07	32	?	-2	E	6	0	#	T	37	30	0.01
	Belfort ...	?	26	E	2	bc	?	?	26	21	-2	E	2	bc	#	bc	36	18	—
	Lyons ...	29.82	34	N	1	0	29.81	+05	30	30	0	N	2	f	#	0	39	30	—
	Nice ...	29.83	39	0	1	0	29.76	-05	36	36	-3	E	2	f	#	0	41	34	0.51
	Perpignan ...	29.73	45	NE	1	0	29.55	-12	40	40	+8	SW	2	0	#	0	47	2	—
	Biarritz ...	29.56	53	0	4	0	29.47	-09	42	41	-3	E	3	0	2	0	39	29	0.16
	Corunna ...	#	#	#	#	#	29.30	-11	48	48	-3	SE	3	c	#	0	54	45	0.24
	Lisbon ...	29.33	49	2	0	0	29.30	-11	48	48	-3	SE	3	c	#	0	54	45	0.24

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, 12th January, 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.

— land calm.

SEA DISTURBANCE—Where considerable, is shown thus:

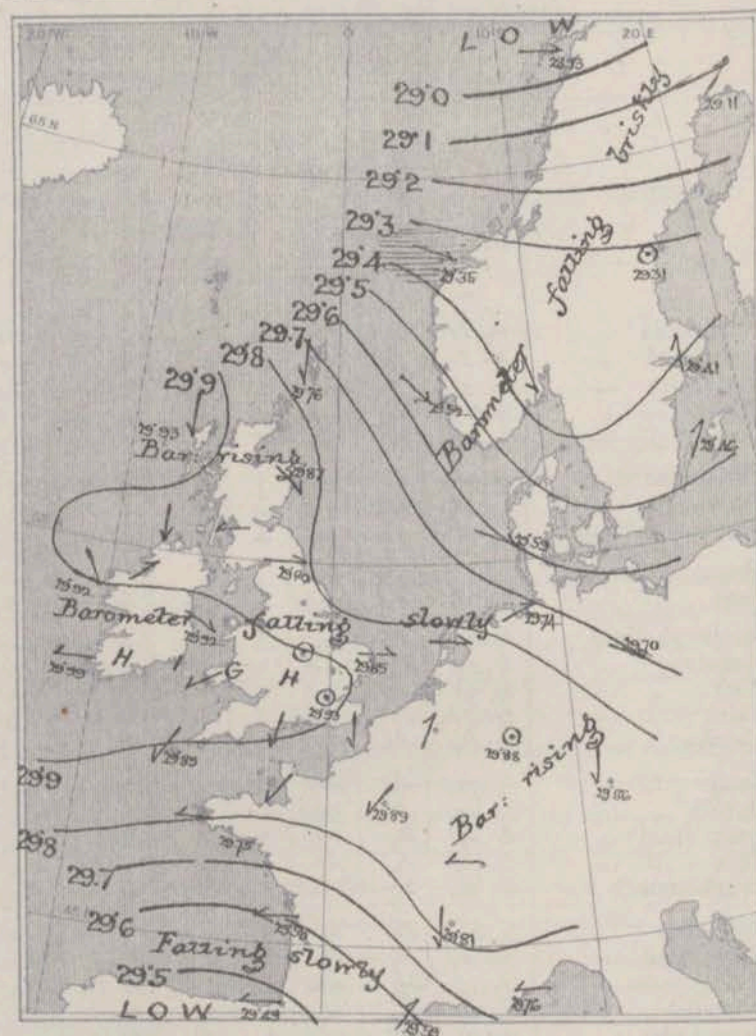
— = Rough. — = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.855
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.000
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

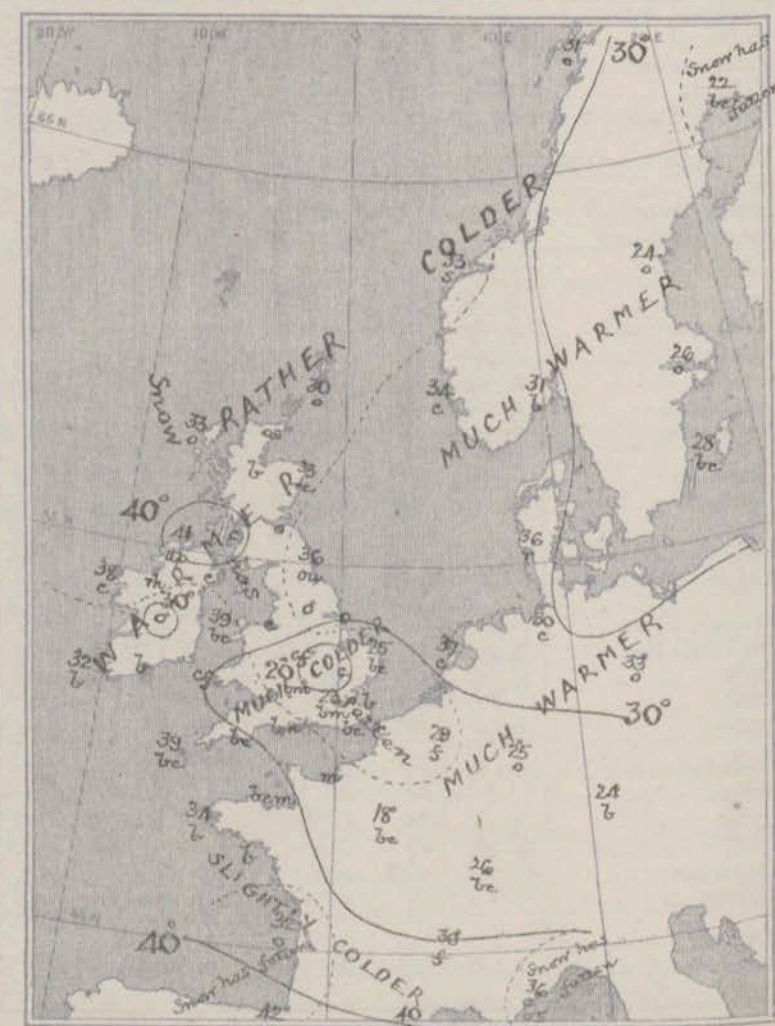
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	36.6	39.7	38.4	3.72
Stornoway	43.3	34.6	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.76
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.8	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	4.38
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Scilly	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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, 29.9 in: and more to 29.8 in: over Ireland, England, and the greater part of France.
 Lowest, 29.0 in: and less, over Lapland, 29.4 in: and less, over the southern parts of Sweden and Norway; and 29.5 in: and less over Spain.
 Gradients moderate both in the extreme north and extreme south, slight and variable over our Islands generally.
 Barometer rising in Scotland, as well as over Germany, the Netherlands, and the southeast of England, falling elsewhere.

TEMPERATURE

Highest, 42° at Biarritz, 41° at Andersonau, 40° at Perpignan, 39° at Béziers, 36° at Fano, 34° at Ludermaas.
 Lowest, 22° to 28° at the Swedish stations, 18° to 24° over Central England and also over Central France.
 In London the minima this morning were 23° in the shade and 13° on the grass.

WIND

Light and extremely variable over our Islands, moderate to strong from NW. in Norway and Denmark, S¹ in Sweden;
 moderate NE¹ in the Channel, fresh E¹ over the Bay of Biscay.

WEATHER

Dull over Norway, with snow at times, and dull over the southwest of France. In most other places it is fine and in many of them clear and bright. Further falls of snow have occurred in the north and northwest of our Islands, and slight showers in the south. In London the sky became clear last night, after a very gloomy day.

SEA

Moderate on our southernmost coast, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure during the past 24 hours have been singular, and its distribution this morning is very complex. Large low pressure systems are found both over Scandinavia and the Spanish Peninsula, and a small secondary system which has appeared off the north of Ireland in the night seems to be advancing southwards towards England. The weather is very cold but not settled. Temperature seems likely to change a good deal during the coming twenty-four hours.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

N² and NW² breezes; very cold, with snow.
 Varying airs; changeable weather, very cold, fog, and some snow.

DISTRICTS.

FORECASTS.

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

Wind variable finally N²; snow, then finer, very cold tonight.

Same as No 5

Same as No 6 and 7.

WARNINGS

NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudeanaes ...	29.76	32	32	ESE	2	0	2	Valencia ...	5.70	32	32	NNE	3	6m	3
Sumburgh Head ...	29.77	41	41	W	4	0	5	Scilly ...	29.71	30	30	NNE	5	6c	4
Stornoway ...	29.88	33	33	NW	4	0	4	Jersey ...	29.86	33	33	NNE	2	6c	2
Aberdeen ...	29.91	33	33	NW	2	0	4	Hurst Castle ...	29.87	33	33	NNE	3	0	1
Shields ...	29.95	33	36	NW	2	0	4	Dungeness ...	29.80	33	33	N	2	0	1
Ardrossan ...	30.02	33	33	W	1	0	1	North Foreland ...	29.79	33	33	NNE	4	0	4
Malin Head ...	30.05	40	38	NNE	3	0	1	London ...	29.85	33	36	NW	4	egm	4
Mullaghmore ...	30.10	33	33	NW	2	0m	2	Yarmouth ...	29.77	33	36	NNE	5	0	4
Belmullet ...	30.11	33	36	NW	1	0	*	Rochefort ...	29.68	33	34	E			
Holyhead ...	30.02	33	33	NNE	1	0	3								

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

Weather fine in Ireland and the north of England, as well as over Sweden, Austria, the Adriatic and Central France. Cloudy or overcast elsewhere with rain over the greater part of the Spanish Peninsula, and snow over Central England, as well as at several of the Russian and German stations. Rain or sleet falling later in all the more northern and eastern parts of the United Kingdom, but clearing over England at night.

Temperature highest 56° at Algiers, 54° at Brindisi, Palermo, Malta, and La Calk, and 52° at Barcelona; above 45° at most of the Mediterranean stations. Lowest (1) -7° at Herissand, +1° at Kuopio, 12° at Archangel, and 15° at Stockholm; (2) 6° at Munich, 13° at Brussels and 14° at Wiesbaden; (3) 21° at Paris. Above the freezing point at most of the English stations, but below it in Scotland. Subsequently rising to 40° on the east coast of England, and to a little above that point in the north of Ireland, but remaining below it in most other parts of the United Kingdom. Hard frost occurring over England at night.

Wind moderate to fresh from the S^W over Spain and the south-east of France, but from the NE^W over England, Denmark, the south of Sweden and the north of France; light from between E. and N. over Central France. Light from the W^W or NW^W in Scotland; strong to a gale from SW in the west of Norway, W^W or SW^W over the greater part of Germany, SE^W in Russia; variable in Italy and Algeria. Subsequently backing to the S^W in the north of Ireland, no great change taking place elsewhere.

Barometer highest 30.1 in. and upwards in an anticyclone lying over Ireland, and also in another system lying over Central Russia; 30.0 in. and upwards, over the south of Italy. Lowest 29.1 in. and less, in a deep depression lying off the northwest of Norway; 29.4 in. and less, in another disturbance lying off the Portuguese coast, 29.6 in. and less, in a shallow disturbance over North Germany and the Baltic Provinces. Decided fall of barometer taking place over our Islands during day, and anticyclone over Ireland receding to the south-westward.

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, 13th January, 1892.

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

Issued by the Meteorological Office, 53, Victoria Street, London. W. 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).	Weather.	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.	Direc.	Force (0 to 12).			Max.	Min.			
Ins. ° Direc. Force (0 to 12). Ins. °																				

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, 13th Jan^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:

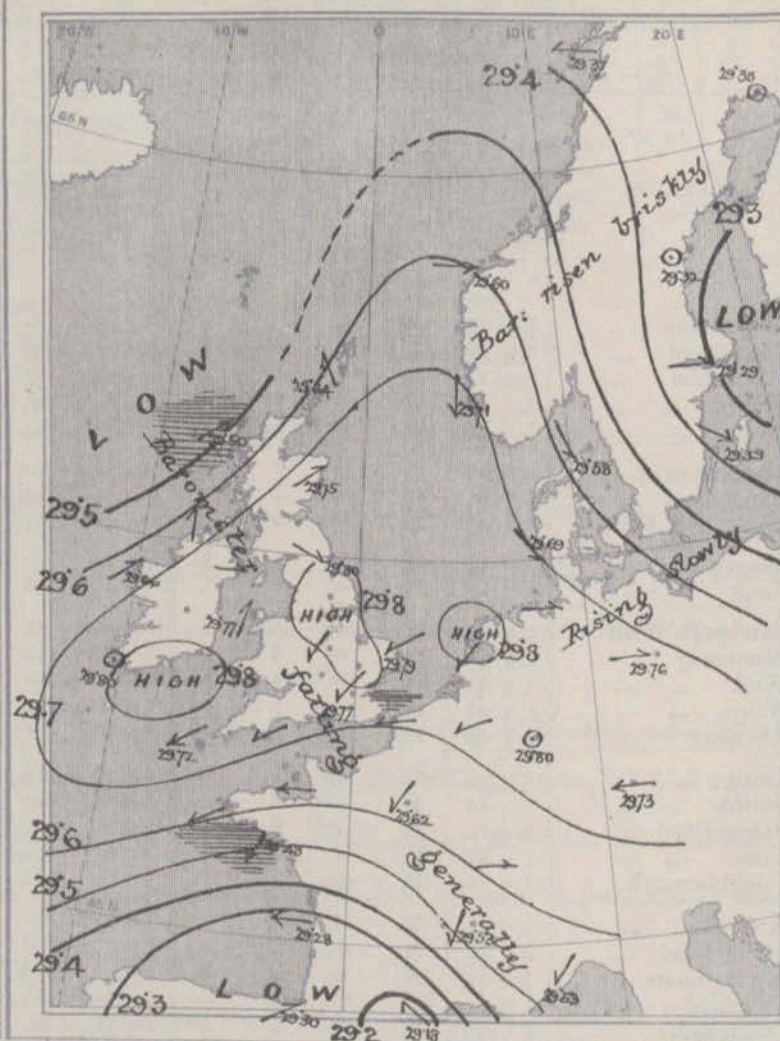
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.957
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.939
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

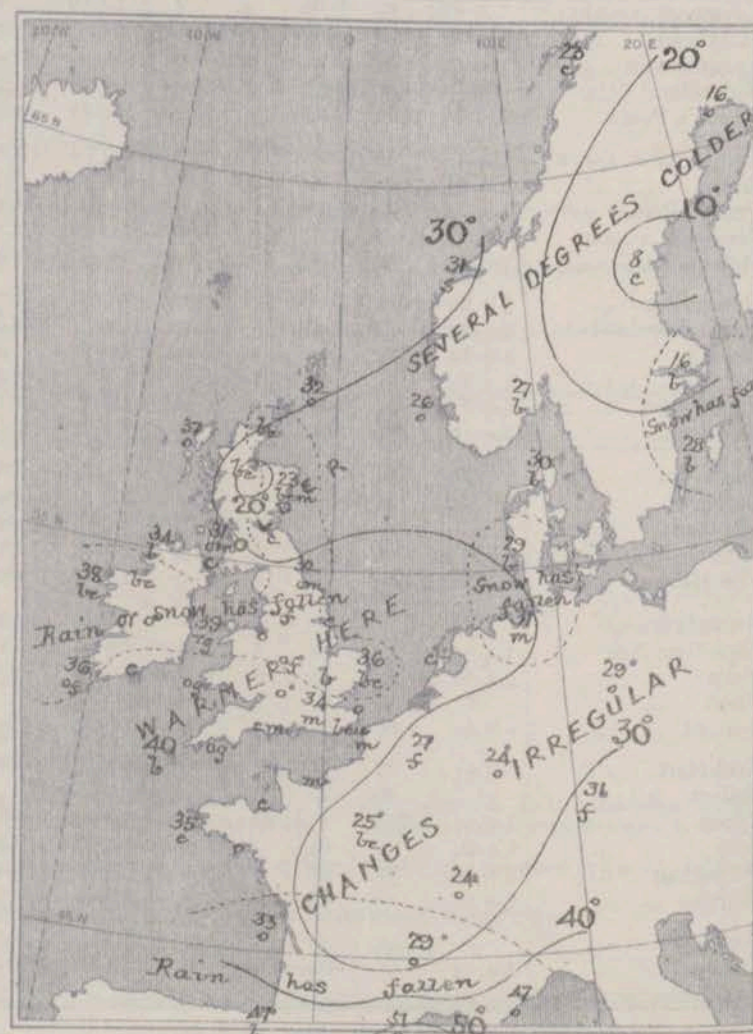
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.6	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.76
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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, 29.8 in. and more to 29.7 in. over Ireland, England, the North Sea and Germany.
 Lowest (1) 29.3 in. and less over the southwest of France and southern part of the Bay of Biscay; (2) 29.3 in. and less, over the Baltic; (3) 29.5 in. and less off our extreme north-east coast.
 Gradients slight within the high pressure area - moderate elsewhere.
 Barometer rising decidedly, over Scandinavia, falling elsewhere, most on our extreme north-western coast.

TEMPERATURE

Highest, 51° at Perpignan, 47° at Nice, Marseilles and Lisbon, 40° at Killybegs, 37° at Stornoway.
 Lowest, 8° at Helsingfors, 16° at Haparanda and Stockholm; 19° at Vaino, 23° at Aberdeen, 33° at York.
 It is changing irregularly, and appears to be rising fast in Scotland. In London the frost gave way again last evening.

WIND

E³ to NE⁴, moderate to strong, over the Bay of Biscay and English Channel; nearly calm over the greater part of England and the southeastern half of Ireland. S⁴ to SW³ in Scotland, and blowing strongly at Stornoway.
 To the eastward of the North Sea the wind is light from W. and NW.

WEATHER

Fair as a whole within the limits of the high pressure area referred to above, but foggy in several places. Elsewhere it is unsettled, with snow at Christiansund. Some rain has fallen in the north and northwest, sleet and rain in France.

SEA

Rough in the Minch, rather so at the mouth of the Thames and at Lorient. moderate at the other southern stations, smooth in the northeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the weather is at present very quiet over Ireland, England, the North Sea, and Germany, the distribution of pressure is complex, and the changes in progress are somewhat unusual. The depression advancing towards our north-east coast from the westward seems likely to cause rough weather in the north, while that in the south may cause some freshening in the south. The north and northwest coasts have therefore been warned for W³ gales, but the southern coasts have not been warned.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW ² to NW ² winds, strong to a gale, with rain and then snow.	6 SCOTLAND WEST	Same as No 0 and 1.
1 SCOTLAND EAST.		7 ENGLAND N.W.	Light and Varying winds, with fair weather; then W ² to NW ² winds and snow.
2 ENGLAND N.E.	SW ² and W ² winds, increasing; fair to rainy.	8 ENGLAND S.W.	NE ² breezes, fresh; fair.
3 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 0 and 1.
4 MIDLAND COUNTIES	Same as No 2	10 IRELAND SOUTH	Varying breezes; fair to unsettled.
5 ENGLAND SOUTH	E ² winds, light or moderate; fair, fog or haze in places.	WARNINGS	At 10 am today - to districts 0, 1, 6, and 9 - "Hoist South Cone for Westerly gales".

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.			
Skudesnes ...	29.60	32	29	NW	6	S	5	Valencia ...	29.94	42	39	Z	0	b m	0
Sumburgh Head ...	29.80	29	27	N	4	C	4	Scilly ...	29.83	40	38	NE	4	b	4
Stornoway ...	29.86	32	32	N	3	C	3	Jersey ...	29.80	39	37	E	3	b	3
Aberdeen ...	29.98	33	30	NW	2	C	3	Hurst Castle ...	29.86	37	35	NE	3	b m	1
Shields ...	29.86	37	34	N	3	O	3	Dungeness ...	29.83	37	35	N	2	b	1
Ardrossan ...	29.89	36	35	Z	0	O	0	North Foreland ...	29.84	36	36	NW	2	b	2
Malin Head ...	29.90	39	36	N	4	O	3	London ...	29.86	35	34	NW	1	b c f	2
Mullaghmore ...	29.92	40	38	NE	4	C	3	Yarmouth ...	29.81	32	31	NW	8	b	3
Belmullet ...	29.94	40	39	NE	2	Op	*	Rochefort ...	29.86	34	33	E	0	0	*
Holyhead ...	29.89	43	42	NW	2	C	2								

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

Weather in morning fine over the greater part of the British Islands and France, but dull and unsettled in the extreme north and northwest, with sleet or soft hail in places. Changeable and somewhat unsettled over the Continent generally, snow falling at Christiansund, rain at Madrid and also at Faro; fog or haze in many parts of England and the Netherlands. Rain and snow later over the southern part of France, slight rain over Scotland, the north of Ireland, and, locally, in some part of Germany.

Temperature changing very fitfully; risen in Scotland and over northern Europe, fallen fast over England. Still exceeding 50° over the eastern, southern, and western coast of the Mediterranean, and exceeding 40° over the Iberian Peninsula and in northern Italy; lower elsewhere. Lowest (1) 13° at Kuspio, 16° at Moscow, 19° at Archangel, 20° at Helmsfors, (2) 16° at Warsaw, 19° at Breslau, 20° at Posen, 24° at Munich; (3) 18° at Paris, 19° at Le Mans; 14° at Cambridge, 20° at Loughborough and Oxford, 23° in London, 25° at Dungeness, 29° at Portsmouth. Rising later to 40° or more on our northwestern coasts and over the greater part of France, to 50° at Biarritz, to 54° at Lisbon, and to 57° at Reims, and rising to above the freezing point in London during the evening.

Wind mainly W¹ over the northern part of Europe and the British Islands, but ranging between N. in Scotland and S. over Ireland and the northern part of the Baltic. S² and SE² over Spain, E¹ over the Bay of Biscay, E¹ to NE¹ over the English Channel and our south-west coast. Very light and variable elsewhere. Not much change later.

Barometer highest 29.9 in. and more to 29.8 in. over the British Islands, the northeast of France, and Western Germany; 29.9 in. and more to 29.8 in. over Central Russia and southeastern Europe. Lowest 29.0 in. and less, over Lapland; and below 29.4 in. in a secondary ^{depression} over the southern half of Scandinavia; 29.4 in. to 29.3 in. over the western half of the Spanish Peninsula. Rising at the northern stations later, but falling in the south as the Spanish depression moved northwards towards 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).

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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 14th January, 1892.

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.					Sea (10 to 9).	SHADE TEMP.			Amount of Rainfall.
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	Force (10 to 12).	Weather.	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.	Sea (10 to 9).		Weather.	Max.	Min.	
	Inch.	°				Inch.	°	°	°	°									Inch.
SCANDINAVIA.	Haparanda ...	29.63	16	Z	0	0	29.72	+ .34	13	13	- 3	H	2	0	*	0	27	16	-
	Hernösand ...	29.58	19	H	4	0	29.76	+ .44	13	13	+ 5	SW	4	0	*	0	29	-2	-
	Stockholm ...	29.49	23	W	2	0	29.52	+ .33	22	21	+ 6	SW	4	0	*	0	25	14	-
	Wisby ...	29.51	30	SW	6	0	29.56	+ .17	27	26	- 1	SW	8	5	*	0	32	27	-
	Bodö ...	29.61	28	E	1	0	29.67	+ .30	22	20	- 1	E	2	0	*	0	32	18	-
	Christiansund...	29.64	28	SE	1	0	29.57	- .03	28	27	- 3	SE	4	0	*	0	31	27	0.32
	Skudesnaes ...	29.67	28	E	2	0	29.60	- .11	33	32	+ 7	SE	6	0	*	0	26	26	-
	Christiania Fjord (Fierder)	29.67	27	Z	0	0	29.73	+ .16	21	18	- 6	H	3	0	*	0	28	21	-
	Skagen (The Scaw)	29.67	32	Z	0	0	29.69	+ .11	28	27	- 2	E	1	0	*	0	30	25	-
	Fanö ...	29.65	26	E	2	0	29.64	- .05	23	23	- 6	E	4	0	*	0	34	23	-
ISLANDS.	Sumburgh Head	29.35	38	SSE	5	0	29.23	- .41	39	38	+ 7	S	3	0	*	0	39	32	0.09
	Stornoway ...	29.24	33	SE	4	0	29.16	- .34	34	33	- 3	SW	4	0	*	0	37	30	0.04
	Wick ...	29.32	35	S	5	0	29.22	- .39	36	35	+ 5	W	4	0	*	0	37	28	0.12
	Nairn ...	29.32	35	SW	2	0	29.25	- .43	30	30	+ 11	Z	0	0	*	0	37	19	-
	Aberdeen ...	29.45	34	SSE	4	0	29.35	- .40	33	32	+ 10	SW	3	0	*	0	35	23	-
	Leith ...	29.48	37	Z	0	0	29.36	- .40	34	32	+ 6	SW	1	0	*	0	38	27	-
	Shields ...	29.58	35	SSE	3	0	29.43	- .37	32	31	- 0	S	2	0	*	0	35	30	-
	Spurn Head ...	29.64	35	SSW	1	0	29.50	- .29	32	31	- 5	SW	2	0	*	0	40	31	-
	York ...	29.64	34	SSE	1	0	29.49	- .33	31	31	- 2	S	1	0	*	0	35	30	-
	Loughborough	29.65	30	SW	1	0	29.50	- .30	30	29	- 3	SE	1	0	*	0	39	29	0.02
BRITISH ISLANDS.	Ardrossan ...	29.46	40	SW	3	0	29.35	- .38	39	38	+ 8	SW	2	0	*	0	40	31	0.02
	Malin Head ...	29.43	38	SW	5	0	29.32	- .34	35	34	+ 1	SW	4	0	*	0	39	32	0.14
	Mullaghmore ...	29.50	38	SW	3	0	29.38	- .33	37	36	+ 5	SW	5	0	*	0	40	31	0.23
	Belmullet ...	29.50	41	W	5	0	29.42	- .24	38	34	+ 0	SW	6	0	*	0	44	34	0.33
	Donaghadee ...	29.55	35	SSE	2	0	29.40	- .33	29	29	- 9	SSW	3	0	*	0	38	27	0.01
	Liverpool (Bilston)	29.63	35	SSE	2	0	29.46	- .34	31	30	- 3	SE	1	0	*	0	35	31	0.10
	Holyhead ...	29.60	38	SW	2	0	29.44	- .33	37	36	- 2	SW	2	0	*	0	41	36	0.20
	Parsonstown ...	29.59	35	Z	0	0	29.46	- .33	33	32	- 0	Z	0	0	*	0	36	29	0.04
	Valencia ...	29.66	42	SW	4	0	29.59	- .21	40	36	+ 4	SW	4	0	*	0	44	36	0.21
	Roche's Point	29.64	40	W	1	0	29.53	- .28	36	35	- 0	SW	3	0	*	0	42	32	-
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.64	39	SE	2	0	29.49	- .31	41	40	+ 5	SW	4	0	*	0	42	36	0.12
	Scilly ...	29.64	41	E	3	0	29.53	- .19	43	40	+ 3	SW	5	0	*	0	43	37	-
	Prawle Point ...	29.65	33	SW	2	0	29.52	- .20	34	33	- 4	SW	2	0	*	0	40	30	-
	Jersey (St. Aubin's)	29.58	39	SE	5	0	29.53	- .13	38	34	+ 0	SW	3	0	*	0	41	37	-
	Hurst Castle ...	29.62	35	ESE	2	0	29.52	- .12	30	30	- 4	SE	3	0	*	0	39	28	-
	Dungeness ...	29.57	37	ESE	6	0	29.42	- .28	32	31	- 6	SE	3	0	*	0	39	31	-
	North Foreland	29.60	37	E	5	0	29.44	- .29	35	35	- 4	SE	5	0	*	0	40	34	-
	London ...	29.64	36	SE	2	0	29.51	- .26	32	30	- 2	SW	1	0	*	0	38	30	-
	Oxford ...	29.66	25	SE	1	0	29.53	- .26	25	24	- 8	SE	1	0	*	0	39	22	-
	Cambridge ...	29.67	29	H	1	0	29.52	- .30	25	24	- 1	SW	1	0	*	0	35	22	-
FRANCE AND BELGIUM.	Yarmouth ...	29.65	36	ESE	3	0	29.50	- .29	34	32	- 2	ESE	4	0	*	0	37	32	-
	Cuxhaven ...	29.77	29	SW	1	0	29.64	- .13	21	20	- 10	SE	3	0	*	0	31	19	-
	Berlin ...	29.73	26	Z	0	0	29.67	- .09	19	18	- 10	SE	3	0	*	0	33	16	-
	Wiesbaden ...	29.73	26	Z	0	0	29.67	- .09	19	18	- 10	SE	3	0	*	0	33	16	-
	Munich ...	29.45	18	E	4	0	29.21	- .52	16	16	+ 1	SE	3	0	*	0	21	14	-
	The Helder ...	29.69	33	E	1	0	29.54	- .29	28	28	- 7	E	2	0	*	0	37	28	-
	Brussels (D.A.M.)	29.32	32	ESE	5	0	29.42	- .27	32	29	+ 1	ESE	4	0	*	0	37	27	-
	Cape Gris Nez	29.45	31	SE	3	0	29.35	- .27	27	26	+ 2	H	3	0	*	0	31	25	-
	Brest ...	29.44	39	SE	2	0	29.35	- .27	27	26	+ 2	H	3	0	*	0	31	25	-
	Lorient ...	29.44	40	SE	6	0	29.35	- .27	27	26	+ 2	H	3	0	*	0	31	25	-
PENINSULA.	Corunna ...	29.28	33	ESE	6	0	29.43	+ .15	36	35	+ 3	SW	6	0	*	0	36	30	-
	Belfort ...	29.28	23	SE	3	0	29.43	+ .15	36	35	+ 3	SW	6	0	*	0	36	30	-
	Lyons ...	29.23	43	SE	7	0	29.17	- .36	40	39	- 7	W	2	0	*	0	50	39	1.10
	Nice ...	29.26	50	SE	3	0	29.28	+ .10	46	41	- 5	SW	3	0	*	0	53	42	0.04
	Perpignan ...	29.28	48	W	5	0	29.53	+ .23	45	42	- 2	H	5	0	*	0	54	43	0.79
	Biarritz ...	29.28	48	W	5	0	29.53	+ .23	45	42	- 2	H	5	0	*	0	54	43	0.79
	Lisbon ...	29.72	30	H	5	0	29.94	+ .58	44	45	+ 2	H	4	0	*	0	55	46	0.04
	Corunna ...	29.28	33	ESE	6	0	29.43	+ .15	36	35	+ 3	SW	6	0	*	0	36	30	-
	Belfort ...	29.28	23	SE	3	0	29.43	+ .15	36	35	+ 3	SW	6	0	*	0	36	30	-
	Lyons ...	29.23	43	SE	7	0	29.17	- .36	40	39	- 7	W	2	0	*	0	50	39	1.10

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 Thursday 14th Jan^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:

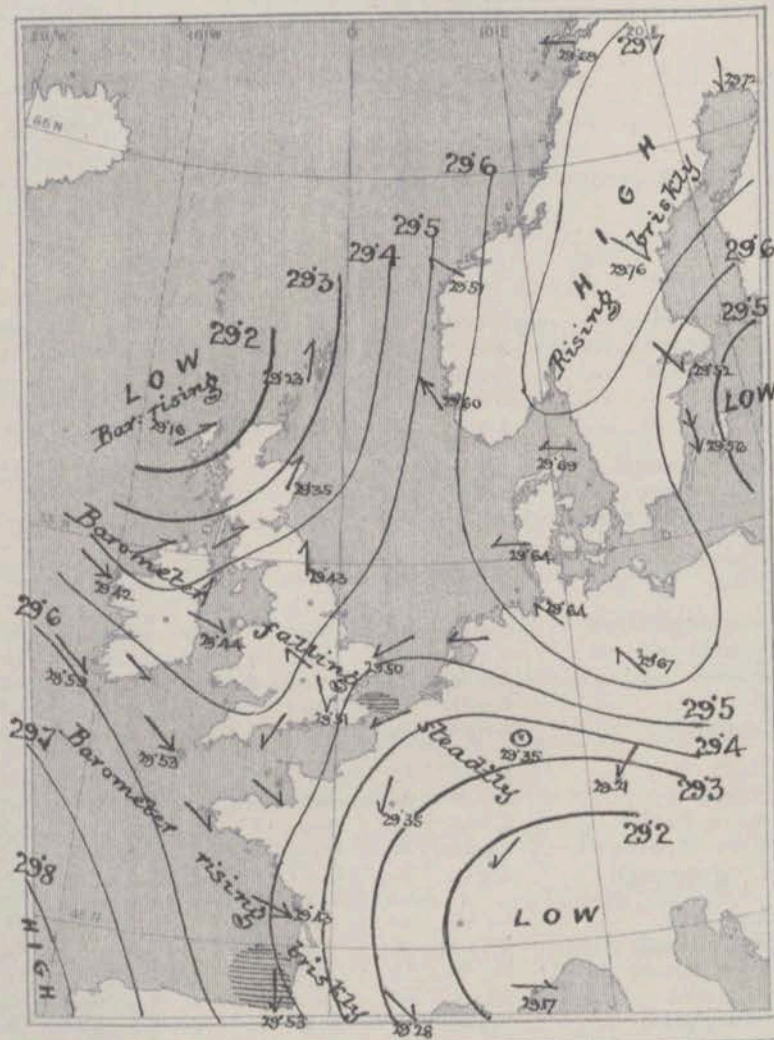
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.746
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.858
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.896
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Sally	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

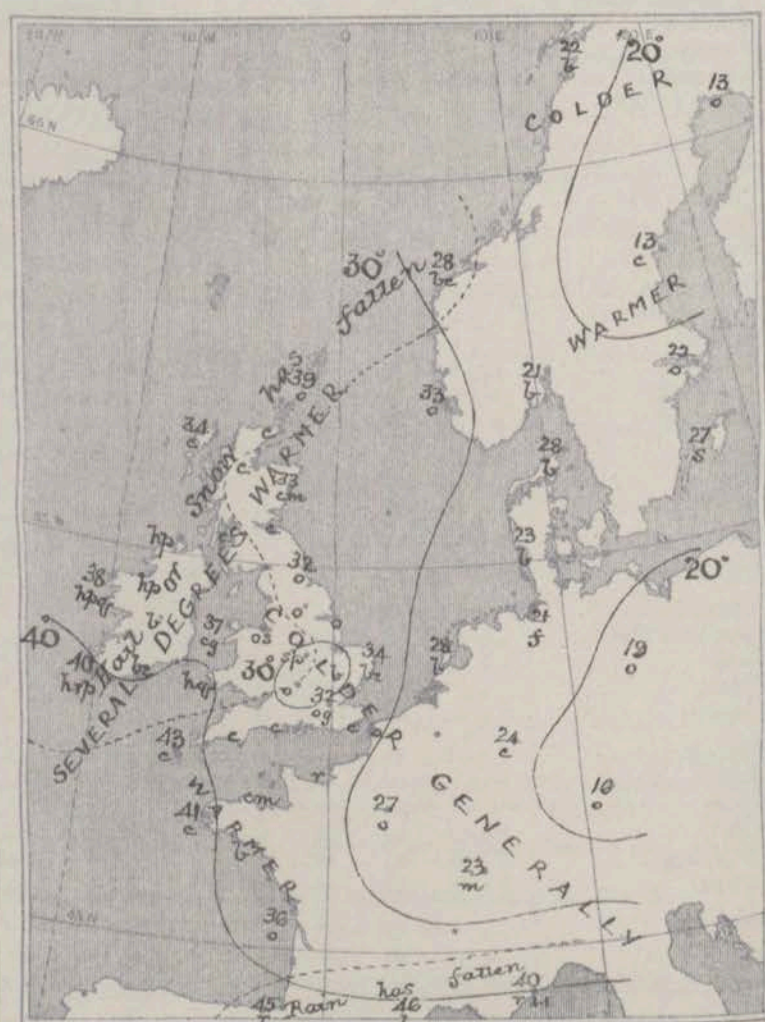
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.6	38.4	5.30
Wick	42.4	33.3	39.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	31.9	38.2	36.9	1.75
Spurn Head	41.7	31.5	37.7	36.7	1.36
York	42.7	32.5	38.7	35.7	1.87
Loughborough	43.0	32.3	38.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	1.36
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.6	38.7	41.7	40.3	3.28
Liverpool	43.5	35.2	38.8	37.0	2.22
Parsonstown	45.6	34.2	39.9	37.8	3.12
Valencia	49.5	40.4	44.3	43.3	6.69
Roche's Point	47.7	39.6	43.2	41.9	5.50
Pembroke	45.5	39.0	42.7	41.3	3.75
Sally	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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) 29.6 in. over Spain, the Bay of Biscay, and off our extreme southwestern coast; (2) 29.7 in. and more to 29.6 in. over Scandinavia and the eastern shores of the North Sea.

Lowest, (1) 29.2 in. and less in the Helides; (2) 29.2 in. and less, over the southeast of France and the north of Italy.

TEMPERATURE

Highest, 49° at Linton, 46° at Perpignan, 43° at Seilly, 40° at Valence Island.

Lowest, 13° over the northern part of Sweden, 16° at Munich, 19° at Berlin, 25° at Oxford, 27° at Paris, 32° in London.

It rose to between 40° and 43° in the west and southwest of our islands yesterday, and to between 35° and 39° in the east, but fell sharply over Central England during the night.

WIND

Moderate from NW. at the western and southwestern stations; NE³ over our southeastern countries; E¹ in the Netherlands; SE³ over Germany. In Scotland it is SW⁴, in Norway SE³, while in Sweden it is N³, and blow a gale at Kirky.

WEATHER

Varies greatly in different localities; snow is falling at Kirky and in several parts of England, hail in the west of Ireland, while in the northern part of Norway the sky is clear.

In London the sky is overcast and some fog prevails.

SEA

Rather rough at the mouth of the Thames and at Biarritz, moderate generally in the Channel, slight or smooth in most other places excepting Stornoway and Lumburgh H.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In the course of the past day pressure has increased decidedly in the extreme southwest and over Scandinavia, and has become high (relatively) over Spain and the southwest of France, on the one hand, and over Sweden on the other, over Scotland and England it has decreased considerably, and still more decidedly over Germany and the southeast of France. Gradients are very variable; temperature continues to change very fitfully. The southwestern high pressure system seems to be spreading over us.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

SW³ breezes; changeable, some showers

N² and NW² winds; changeable, fair, then some snow showers.

DISTRICTS.

FORECASTS.

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

NW² breezes; some cold showers.

NW² winds, strong in places; cold showers, then finer

WARNINGS

The South Cone has been lowered again except in district 9.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.70	27	25	Z.	0	c	2	Valencia ...	29.71	43	42	E	1	p	1
Samburgh Head	29.45	36	34	SSW	5	o	5	Scilly ...	29.68	42	40	NNE	4	b	4
Stornoway ...	29.30	35	35	SW	6	s	6	Jersey ...							
Aberdeen ...	29.56	31	29	S	2	om	3	Hurst Castle ...	29.67	38	36	E NE	3	c	1
Shields ...	29.67	34	32	SSW	3	s	3	Dungeness ...	29.61	38	36	ESE	6	bc	5
Ardrossan ...	29.55	40	40	SSW	2	c	2	North Foreland ...	29.64	38	38	E	5	o	5
Malin Head ...	29.47	37	36	S	5	bc	3	London ...	29.68	38	35	NE	2	om	2
Mullaghmore ...	29.55	39	37	SSW	2	bc	2	Yarmouth ...	29.71	37	35	ENE	3	cv	4
Belmullet ...	29.56	43	42	W	4	op	2	Rocheport ...	29.28	35	35	E	5	o	2
Holyhead ...	29.67	38	38	S	3	rq	3								

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

Weather in morning very variable, cloudy and unsettled in most places, but temporarily fine in some parts of Scotland, Ireland, and southern Russia; foggy in many parts of England, the Netherlands, and Germany; snow falling at Moscow, Warsaw, Riga, and Christiansund, rain at Holyhead, Madrid, Barcelona, Algiers, and Odessa. Rain and snow showers occurring over Ireland and the northwestern part of Great Britain later, and large quantities of rain in the southern part of France.

Temperature still changing very fitfully—fallen rapidly at most northern stations, but risen very decidedly over Yaris, Malta, and Sicily. Morning readings 71° at La Cella, 66° at Tunis and Palermo, 64° at Malta, and exceeding 50° at all but the most northern of the Mediterranean stations; below 40° on the British and French coasts, still lower elsewhere. Lowest of all (1) 15° at Moscow and Uleaborg, 18° at Archangel, (2) 16° at Vienna, 19° at Budapest, 24° at Belfast and Lissabon, 25° at Paris; (3) 19° at Kairi, 23° at Aberdeen, 28° at Fez. Rising later to between 40° and 44° on the western and southwestern coasts of the United Kingdom, and to between 50° and 55° in the south of France.

Wind S³ and SW³ over the northern part of the United Kingdom, NW² over Sweden and Denmark, W¹ over Germany, S² over Ireland and northern Russia; E¹ over the southern counties of England and the English Channel, NE¹ over Brittany, NW² at Lisbon, S³ and SW³ over Algeria, extremely variable elsewhere. The SW¹ wind at our northern stations spreading southwards later.

Barometer highest 29.8 in. and more to 29.7 in. in a high-pressure area of irregular form, stretching from Ireland and England across the Netherlands to Germany, Austria, the Adriatic, and southeastern Europe, as well as in another system over central Russia. Lowest 29.3 in. and less, in a depression over the Baltic and Finland, and in another complex system over the southeast of France and north of Spain; about 29.5 in. in a third depression over the Crimea and southern Russia; and apparently below 29.5 in. off our extreme northwest coast. Falling over the United Kingdom later—especially in the north, but beginning to rise fast over the Spanish Peninsula.

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

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DAILY WEATHER REPORT

for Friday, 15th January, 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. H. H. SCOTT, Secretary.																		
YESTERDAY EVENING.																		
8 A.M. TO DAY.																		
PAST 24 HOURS																		
STATIONS.	BAROM.		TEMP.		WIND.		BAROMETER.		SHADE TEMP.		WIND.		SHADE TEMP.		Amount of Rainfall.			
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	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.	Inch.	
	In.	°				In.		°										In.
SCANDINAVIA.	Haparanda ...	29.87	9	Z	0	29.91	+19	-9	-10	-22	Z	0	0	#	c	19	?	-
	Hernösand ...	29.90	5	NW	2	30.01	+25	8	8	-5	Z	0	0	#	bc	18	0	-
	Stockholm ...	29.76	24	NW	2	29.93	+41	24	28	+2	NNE	2	0	#	0	28	19	-
	Wisby ...	29.69	33	N	6	29.83	+27	29	27	+2	ENE	4	0	#	c	34	25	0.04
	Bodö ...	29.73	19	E	2	29.78	+11	23	21	+1	E	2	0	1	b	23	16	-
	Christiansund...	29.64	31	ESE	2	29.71	+14	33	32	+5	ESE	2	0	4	c	34	28	-
	Skudesnaes ...	29.63	23	SE	7	29.74	+14	32	29	-1	ESE	0	0	4	0	34	30	-
	Christiania Fjord (Fjord)	29.80	22	N	4	29.90	+17	24	22	+3	N	4	0	1	0	25	21	-
	Skagen (The Sea)	29.76	25	ESE	3	29.82	+13	30	28	+2	ESE	2	0	2	0	?	23	-
	Faro ...	29.62	25	E	4	29.65	+01	28	27	+5	ENE	6	0	#	c	28	23	-
ISLANDS.	Sumburgh Head	29.27	38	S	3	29.39	+16	37	36	-2	N	1	0	4	c	40	37	0.07
	Stornoway ...	29.06	36	SW	4	29.36	+20	24	24	-10	N	3	0	4	c	39	22	0.03
	Wick ...	29.21	32	S	3	29.42	+20	32	30	-4	SW	2	0	3	c	38	29	-
	Nairn ...	29.19	35	SW	3	29.42	+17	23	22	-7	Z	0	0	1	c	38	22	-
	Aberdeen ...	29.34	33	S	3	29.47	+12	37	35	+4	ESE	3	0	4	bm	37	33	0.23
	Leith ...	29.36	37	SW	1	29.48	+12	27	27	-7	SW	1	0	#	b	39	26	-
	Shields ...	29.42	32	S	3	29.50	+07	32	32	0	S	2	0	2	so	39	30	0.02
	Spurn Head ...	29.47	32	NW	1	29.44	-06	30	29	-2	NW	4	0	3	os p	39	29	0.03
	York ...	29.47	31	S	1	29.50	+01	24	24	-7	N	1	0	#	s	33	21	0.08
	Loughborough	29.45	30	ESE	1	29.48	-02	31	30	+1	NW	2	0	#	0	34	29	0.01
BRITISH ISLANDS.	Ardrossan ...	29.36	38	SW	2	29.45	+10	30	30	-9	NE	2	0	2	pr	40	30	-
	Malin Head ...	29.37	38	N	4	29.35	+03	31	30	-4	SSE	3	0	3	qhp	39	30	0.15
	Mullaghmore ...	29.45	40	N	4	29.31	-07	36	33	-1	ESE	5	0	3	hrsp	41	32	0.07
	Belmullet ...	29.50	38	NW	4	29.16	-26	36	36	-2	SSE	7	0	4	hp	40	32	0.20
	Donaghadee ...	29.45	31	NW	3	29.45	+05	27	27	-2	SSW	3	0	1	b	37	26	-
	Liverpool (Bidston)	29.45	31	SE	1	29.52	+06	24	23	-7	SE	1	0	1	sb	34	23	0.05
	Holyhead ...	29.44	38	NW	2	29.49	+05	33	33	-4	NW	1	0	2	cpq	41	32	0.04
	Parsonstown ...	29.50	31	N	1	29.41	-05	28	27	-5	SE	1	0	#	b	36	24	-
	Valencia ...	29.62	38	NW	3	29.29	-30	45	44	+5	SSE	6	0	5	chp	45	37	0.14
	Roche's Point	29.55	35	NW	3	29.41	-12	44	42	+8	SE	5	0	4	spb	44	34	-
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.48	40	NW	3	29.52	+03	39	38	-2	NW	3	0	2	c	41	36	0.03
	Seilly ...	29.52	40	NW	6	29.52	-01	40	38	-3	SW	4	0	5	hpc	44	37	-
	Prawle Point ...	29.50	36	SW	3	29.56	+06	32	32	-2	NW	2	0	1	bc	45	37	-
	Jersey (St. Aubin's)	29.50	39	NW	3	29.55	+02	39	36	+1	NW	3	0	3	prvs.	43	35	0.05
	Hurst Castle ...	29.48	31	NW	2	29.55	+03	32	31	+2	NE	2	0	0	cb	36	28	-
	Dungeness ...	29.41	32	N	3	29.47	+05	24	24	-8	NW	3	0	2	oc	35	21	-
	North Foreland	29.36	35	NNE	4	29.44	-00	36	36	+1	NW	5	0	4	og	40	29	-
	London ...	29.46	34	NE	1	29.51	-00	26	25	-6	N	1	0	#	ogms	37	25	0.02
	Oxford ...	29.49	31	Z	0	29.53	-00	31	30	+6	N	1	0	#	og	32	25	-
	Cambridge ...	29.49	30	NW	2	29.50	-02	25	25	0	NW	1	0	#	bc	34	22	-
FRANCE AND BELGIUM.	Yarmouth ...	29.42	33	NE	4	29.41	-09	32	32	-2	NW	3	0	4	cs	34	30	0.03
	Cuxhaven ...	29.58	24	NNE	5	29.57	-07	21	19	0	SE	5	0	#	c	24	20	-
	Berlin ...	29.60	19	ESE	4	29.65	-02	15	15	-4	E	4	0	#	b	23	16	-
	Wiesbaden ...	?	?	?	?	29.48	+13	27	26	+3	Z	0	0	#	?	30	24	0.24
	Munich ...	29.30	22	SW	2	29.60	+29	24	23	+5	SW	4	0	#	s	25	16	0.04
	The Helder ...	29.45	24	E	2	29.43	-11	26	25	-2	E	1	0	2	s	28	23	0.20
	Brussels (S.A.M.)	?	?	?	?	29.43	?	22	22	?	SSE	1	0	#	0	23	18	0.04
	Cape Gris Nez	29.38	35	N	4	29.43	+01	32	31	0	NW	4	0	5	c	36	30	-
	Paris ...	29.42	29	NW	2	29.52	+17	32	31	+3	N	3	0	#	0	32	27	-
	Brest ...	?	43	NW	4	?	?	37	36	-4	N	2	0	3	c	46	36	0.04
PENINSULA.	Lorient ...	29.58	41	NW	3	29.60	+05	39	36	0	NW	5	0	4	bc	45	36	-
	Rochefort ...	29.53	41	NW	3	29.58	+15	37	36	+1	NW	2	0	#	bc	41	36	0.04
	Belfort ...	?	26	N	3	?	?	23	?	0	N	3	0	#	c	26	20	0.08
	Lyons ...	?	?	?	?	?	?	?	?	?	?	?	?	#	?	?	?	-
	Nice ...	29.19	42	NNE	1	29.25	+08	41	39	+1	NE	5	0	#	f	45	37	0.20
	Perpignan ...	29.62	44	NW	6	29.60	+32	40	36	-6	NW	3	0	#	0	46	30	-
	Biarritz ...	29.65	48	NW	6	29.66	+13	46	44	+1	NW	6	0	#	?	48	30	0.47
	Corunna ...	?	?	?	?	?	?	?	?	?	?	?	?	#	?	?	?	-
	Lisbon ...	30.06	49	NW	4	30.02	+08	46	43	-3	Z	0	0	#	b	54	45	0.08

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, 15th January 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:

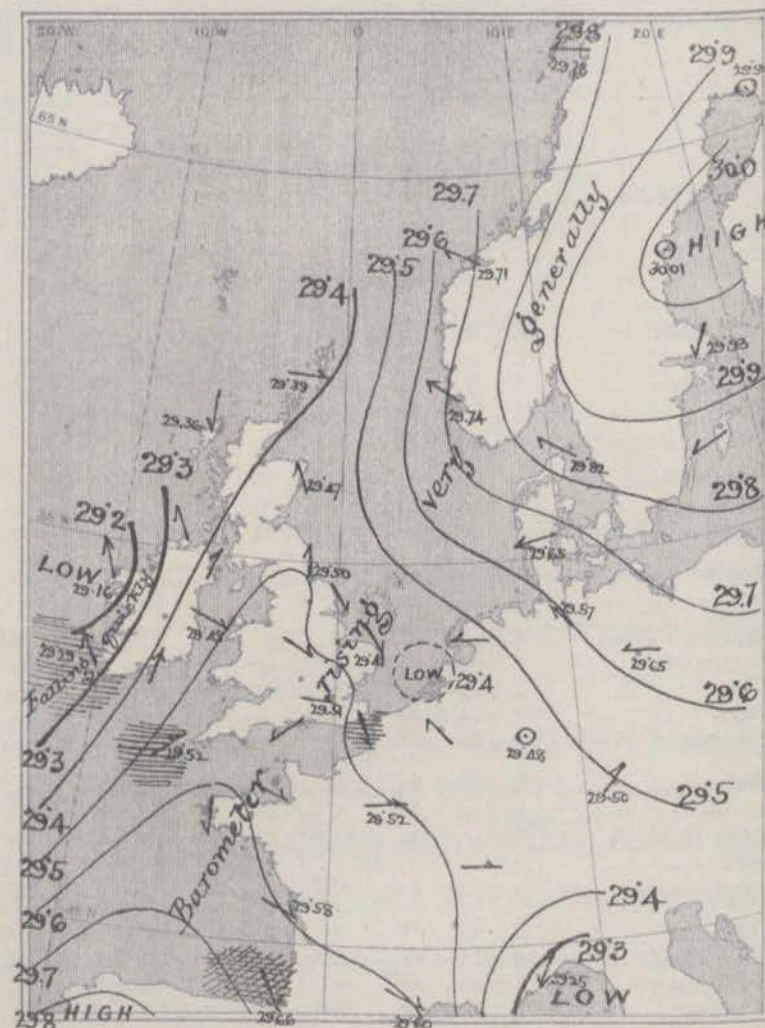
▨ = Rough. ▩ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Samburgh Head	29.075
Stornoway	29.082
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.938
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Silly	29.959
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

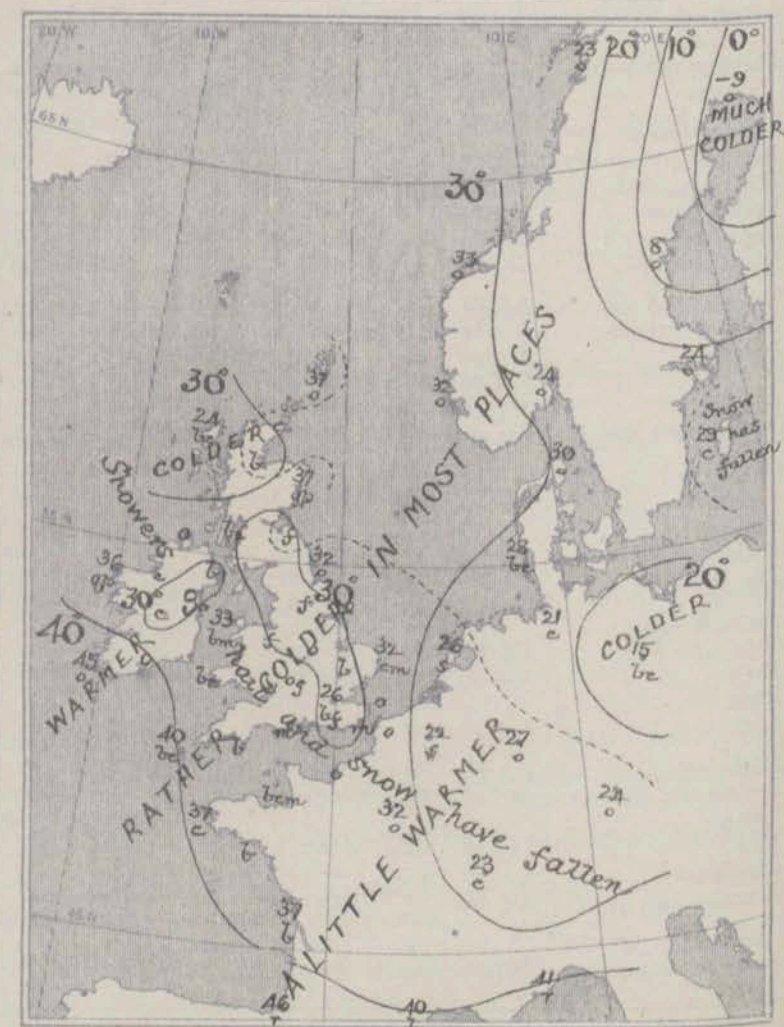
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	35.5	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.5	40.4	1.36
Donaghadee.....	44.4	35.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.73
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.01
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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 29.7 in: both over Spain and Scandinavia, and exceeding 29.5 in: over England.
 Lowest, 29.2 in: and less, off the coast of Ireland; 29.3 in: and less, over the Gulf of Genoa.
 Gradients slight over France and Great Britain, moderate to rather steep in Ireland.
 Barometer falling fast over Ireland, but has not ceased rising in the east of England.

TEMPERATURE

Highest, 46° at Lifford and Binnity, 45° at Valencia Island, 40° at Pelly.
 Lowest, -9° F. at Hafnanger, +8° at Hunsund, 15° at Berlin, 23° at Nain, 26° in London, 32° at Paris.
 It is rising quickly in the south of Ireland, but changing rather irregularly over Great Britain.

WIND

Moderate to strong from E. on the eastern shores of the North Sea; light from the N^W over the eastern half of England;
 calm in Scotland; S^W in Ireland — and blowing strongly on the extreme western coast.
 The S^W wind is spreading eastwards.

WEATHER

Fine over France (except in the south) and over Great Britain, but dull and unsettled in Ireland and becoming showery.
 Snow and hail showers have again prevailed in Scotland, and some part of Ireland, rain in the south of France.

SEA

Rather rough at Valencia Island and Pelly, moderate on our northern and eastern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The two disturbances noticed over or near our Islands yesterday have travelled away, but in the course of the night a new, and apparently deep, one has advanced to the Irish coast from the Atlantic, and appears to be spreading quickly toward Great Britain.

Temperature, though very low inland, has begun to increase quickly on the Irish coast, and a southerly wind of considerable force is setting in there, with rain, and a rising sea.

The new depression in the west seems likely to cause milder, but very unsettled, weather generally. Our western coasts are warned.

FORECASTS

For the 24 hours ending at NOON on 16th Jan^y 1892.

DISTRICTS.

FORECASTS.

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

S^W or SE^W winds, increasing in force;
 much milder, unsettled, snow or rain.
 N^W airs, fine and cold; then S^W breezes,
 much milder, and becoming unsettled —
 rain or snow.

DISTRICTS.

FORECASTS.

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

S^W winds, increasing in force, with rain.
 S^W gales and strong winds; much rain
 unsettled
 At 10.25 am to districts 0.6.7.9 and 10
 "Hoist South Cone".

WARNINGS

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.62	34	80	SE	8	0	5	Valencia ...	29.58	40	37	NW	3	ch p	3
Sumburgh Head ...	29.24	39	38	S	8	c	4	Scilly ...	29.82	44	41	NW	5	bc	4
Stornoway ...	29.11	39	37	SW	6	c	6	Jersey ...	29.49	43	39	NW	3	cm	3
Aberdeen ...	29.34	35	33	S	2	bm	3	Hurst Castle ...	29.48	36	34	NNE	2	c	1
Shields ...	29.42	33	32	S	2	o	3	Dungeness ...	29.40	35	33	N	5	o	4
Ardrossan ...	29.35	40	39	SW	2	c	2	North Foreland ...	29.37	35	34	NNE	5	o	4
Malin Head ...	29.33	39	37	W	4	b	4	London ...	29.46	36	33	ESE	1	o q m	2
Mullaghmore ...	29.41	40	37	NW	4	c	3	Yarmouth ...	29.45	34	32	ESE	4	c q	4
Belmullet ...	29.46	38	36	NW	6	oh p	2	Rochefort ...	29.53	40	36	NW	5	o	2
Holyhead ...	29.42	38	37	W	3	bc	2								

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

Weather cloudy or overcast over the greater part of Europe, with hail showers in Ireland, and snow in many parts of England, as well as at Moscow, Helmingfors, Vienna, and Elmsjö; rain falling at Biarritz and Algiers and a thunderstorm reported at Comma. Y in Norway, Denmark, and Holland, but foggy over north Germany. Sky clearing later in the north of our Islands, as well as at some of the French stations, but snow falling in London.

Temperature highest 60° at Malta, 59° at La Cella, 56° at Oran, 55° at Rhinides, and 54° at Naples and Cagliari, above 50° at most of the Mediterranean stations, and above 45° on the coast of the Spanish Peninsula. Lowest 13° at Haparanda and Haparand, 14° at Sorsmunde and Neufahrwasser and 16° at Wargau and Munich; considerably below the freezing point over northern, eastern, and central Europe, as well as in some parts of Central England. Daily maxima below 35° at many of the English stations, and below the freezing point in Germany, but thermometer exceeding 45° in the south of France.

Wind moderate to strong from the NWnd over Spain and the west coasts of our Islands and France, with a gale at Comma and Barcelona; light to moderate from the Snd or SWnd over the northern part of the United Kingdom; SE^{ly} in the west of Norway; light from the End or SE^{ly} over Denmark and Germany, from the NEnd in the southeast of England, and from N. over Prussia and Austria; S^{ly} over Italy; SW^{ly} or W^{ly} over Algiers. No important change occurring during day.

Barometer highest, 29.9 in: and upwards, in an anticyclone lying to the westward of Portugal and also in another lying over the Black Sea, 29.7 in: and upwards, in a third system lying over Scandinavia. Lowest 29.2 in: in two depressions, — one lying off the northwest of Scotland, and the other over Switzerland, northern Italy, and the southeast of France; 29.4 in: and less in small disturbances lying respectively over the Gulf of Riga and in the neighbourhood of Moscow. Depression over Switzerland subsequently moving eastwards, and anticyclone to the westward of Portugal spreading eastwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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, 16th January, 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.		Barometrical.	Shade Temp.	Wind.	Force.	Weather.	Sea.					Shade Temp.	Max.	Min.	Amount of Rainfall.
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	(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).	Weather.	Sea (0 to 3).					
	Inch.	°					Inch.		°	°							°	°		Inch.
SCANDINAVIA.	Haparanda ...	29.96	-12	Z	0	bc	30.02	+11	-10	-10	-1	NE	2	c	+	bc	10	-15	-	-
	Hernösand ...	30.10	19	Z	0	bc	30.10	+09	20	19	+12	S	4	bc	+	bc	23	1	-	-
	Stockholm ...	30.11	25	SE	2	0	30.18	+25	26	24	+2	Z	0	0	+	0	28	21	-	-
	Wisby ...	30.02	30	ENE	4	0	30.17	+34	28	27	-1	ESE	2	0	+	0	32	27	-	-
	Bodö ...	29.87	23	E	2	0	29.91	+13	22	19	-1	E	2	b	1	0	23	18	-	-
	Christiansund...	29.83	35	ESE	2	0	29.97	+26	30	29	-3	ESE	3	b	3	0	34	28	-	-
	Skudesnaes ...	29.87	42	ESE	6	0	29.89	+15	34	30	+2	ESE	6	0	+	0	34	32	-	-
	Obrianian Fjord (Færder)	30.01	28	N	5	0	30.06	+16	31	30	+7	ENE	5	0	2	0	?	22	-	-
	Skagen (The Scaw)	29.95	30	ESE	6	b	29.99	+17	31	30	+1	SE	0	0	+	b	32	27	-	-
	Fanö ...	29.75	28	E	6	c	29.81	+16	26	25	-3	ESE	6	0	+	c	30	25	-	-
BRITISH ISLANDS.	Sumburgh Head	29.54	37	SSE	4	0	29.62	+23	38	36	+1	SSE	5	+	6	0	40	35	0.86	-
	Stornoway ...	29.31	37	S	6	0	29.32	0	37	35	+13	SE	0	b	6	0	38	23	-	-
	Wick ...	29.46	35	S	5	0	29.47	+05	38	37	+6	S	8	0	5	0	38	28	0.12	-
	Nairn ...	29.41	27	S	1	b	29.40	-02	35	35	+12	ESE	1	0	1	b	35	23	-	-
	Aberdeen ...	29.82	35	SE	4	bc	29.48	+01	36	34	-1	SE	7	og	7	cq	37	34	0.10	-
	Leith ...	29.48	32	S	1	b	29.43	-05	31	30	+4	SSW	1	b	+	b	38	26	-	-
	Shields ...	29.47	34	NE	1	c	29.47	-03	30	29	-2	SSW	2	m	2	c	36	27	-	-
	Spurn Head ...	29.43	34	NE	2	0	29.51	+07	33	32	+3	SSE	4	bc	3	0	37	29	-	-
	York ...	29.47	26	Z	0	b	29.50	00	20	20	-4	N	1	f	+	b	35	14	-	-
	Loughborough	29.47	26	ENE	1	0	29.47	-01	21	21	-10	SE	2	bm	+	0	36	18	-	-
GERMANY & HOLLAND.	Ardrossan ...	29.43	31	ENE	2	b	29.37	-08	27	26	-3	ENE	3	bm	2	b	35	26	-	-
	Malin Head ...	29.19	36	SSE	6	0	29.15	-20	36	35	+5	SE	6	bcm	3	0	37	31	-	-
	Mullaghmore...	29.13	41	SE	6	c	29.04	-27	41	39	+5	E	7	og	+	0	42	35	0.01	-
	Belmullet ...	28.98	40	SSE	9	b	28.90	-26	41	40	+5	SE	7	og	+	0	43	34	0.01	-
	Donaghadee ...	29.37	40	S	5	bc	29.29	-16	37	36	+10	S	0	0	+	bc	41	27	0.01	-
	Liverpool (Bidston)	29.47	29	SE	2	b	29.38	-14	24	23	0	ESE	3	bc	3	b	34	22	-	-
	Holyhead ...	29.41	34	SE	1	b	29.25	-24	35	34	+2	E	2	b	2	b	40	32	-	-
	Parsonstown ...	29.17	40	SE	2	bc	29.00	-41	42	41	+14	SE	3	+	+	bc	43	28	0.07	-
	Valencia ...	28.95	48	SE	8	0	28.76	-53	45	43	0	ESE	4	0	4	cp	49	45	0.89	-
	Roche's Point	29.14	47	S	7	cp	28.68	-53	47	47	+3	SSE	9	+	6	cp	47	44	0.45	-
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.34	41	S	5	bc	29.10	-42	42	41	+3	SE	6	og	6	bc	42	39	-	-
	Scilly ...	29.28	47	S	6	cp	28.90	-62	48	48	+8	SE	8	+	7	mp	48	40	0.18	-
	Prawle Point ...	29.44	42	SW	4	bc	29.32	-34	42	42	+10	SSE	7	og	6	bc	46	30	-	-
	Jersey (St. Aubin's)	29.53	39	ESE	3	b	29.36	-19	37	35	-2	ESE	7	bcm	5	cb	45	35	-	-
	Hurst Castle ...	29.51	35	Z	0	b	29.41	-14	36	35	+4	ESE	6	bc	2	b	38	30	-	-
	Dungeness ...	29.49	29	WNW	3	m	29.54	+07	34	34	+10	S	5	c	4	bm	38	22	-	-
	North Foreland	29.48	33	WNW	3	of	29.54	+10	33	33	-2	SSE	5	og	4	of	36	29	-	-
	London ...	29.50	33	Z	0	+	29.50	-01	32	30	+6	SSE	2	bc	+	mg	36	24	-	-
	Oxford ...	29.52	30	NE	1	b	29.46	-07	30	29	-1	SE	2	0	+	bm	37	19	-	-
	Cambridge ...	29.59	29	NE	2	0	29.53	+03	26	26	+1	ESE	2	bc	+	0	35	15	-	-
PENINSULA.	Yarmouth ...	29.44	32	WNW	2	0	29.55	+14	33	32	+1	WNW	2	bcm	3	shp	33	26	0.01	-
	Cuxhaven ...	29.81	23	ESE	4	c	29.81	+24	23	21	+2	SE	3	m	+	c	23	19	-	-
	Berlin ...	29.80	16	ESE	4	0	29.90	+25	17	17	+2	ESE	4	0	+	0	19	15	-	-
	Wiesbaden ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Munich ...	29.60	24	SW	1	0	29.67	+19	20	20	-4	NE	4	f	+	0	30	19	0.08	-
	The Helder ...	29.56	27	SE	1	0	29.67	+24	30	29	+4	SSE	1	0	1	0	30	25	0.08	-
	Brussels (p.m.)	#	#	#	#	#	29.69	+26	29	28	+7	SE	4	0	+	S	32	22	0.04	-
	Capo Gris Nez	29.49	35	WNW	3	m	29.52	+09	38	27	-4	SSE	4	0	+	m	37	27	-	-
	Paris ...	29.59	33	S	1	0	29.65	+13	28	27	-4	SE	3	0	+	0	38	27	-	-
	Brest ...	#	45	SSE	4	0	#	#	47	45	+10	SSE	7	+	7	0	50	37	0.47	-
FRANCE AND BELGIUM.	Lorient ...	29.51	42	S	3	0	29.21	-39	46	44	+6	SE	5	+	5	0	46	39	0.20	-
	Rocheport ...	29.60	35	ENE	3	0	29.37	-21	36	35	-1	SE	6	c	+	0	43	30	-	-
	Belfort ...	#	21	E	2	0	#	#	16	#	-7	E	2	b	+	c	28	14	-	-
	Lyons ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Nice ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Perpignan ...	29.63	39	N	3	0	29.67	+07	29	29	-11	SW	2	b	+	0	47	28	0.04	-
	Biarritz ...	29.66	44	SW	5	+	29.41	-25	49	41	+3	S	4	b	5	+	47	44	0.08	-
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

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

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

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

EXPLANATION OF MAP

Changes since previous morning are stated in words.

\rightarrow forces above 10; \rightarrow forces 8 to 10;
 \rightarrow forces 5 to 7; \rightarrow forces 1 to 4.
 0 = dead calm.

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

During the 20 Years: 1871—1890.

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

WEATHER is shown by Letters of the Beaufort Scale.

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

(For the month of January.)

A hand-drawn map of the North Atlantic and Arctic regions, showing temperature isotherms and handwritten annotations. The map includes latitude and longitude lines. Isotherms for 10, 20, 30, and 40 degrees are drawn. Handwritten notes include "TATTLE WARMER" near Iceland, "CONSIDERABLY WARMER" near Greenland, "RATHER COLDER" near the Arctic, and "MUCH COLDER" further north. Specific locations like "Greenland", "Iceland", and "Foully" are marked. A note near the bottom right says "Snow has fallen".

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

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and more to 29.9 in: over the Baltic and Scandinavia.
Lowest, 28.8 in: and less, in a depression off the southwest coast of Ireland.
Gradient steep in the west and south, moderate in the east.
Barometer falling in the southwest and south, inclined to rise in the north.

TEMPERATURE

Highest, 43° at Birnie, 48° at Scilly, 45° at Yalden Island.
Lowest, -10° F at Haparanda, +16° at Prefab, 17° at Berlin, 20° at Munich, York, and Hermand, 21° at Loughborough.
It is much higher at our western and southern stations than at 8 am. yesterday, but has been very low over England during the night.

WIND

SE² all over the Kingdom - moderate to fresh in force on our east coast, but blowing a gale in the southwest, west, and north.
Strong breezes from SE. are blowing over the Bay of Biscay, and light E¹ breezes over Germany and Central France.

WEATHER

Rain over the greater part of England, clear in Norway, dull and unsettled elsewhere, with rain at several of the western and south-western stations, hail at Aberdeen.
The rainfall has been heavy in the south of Ireland and considerable at the other south-western stations, slight in the north and north-east.

SEA

High at Aberdeen and Scilly, rough at our northern, western, and south-western stations generally, moderate (but increasing) in the south-east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest seems to be moving southwards, and as the barometer is rising in the extreme north and east it seems probable that gales from SE. and E. will spread up the Channel to our south-eastern and eastern coasts; these have, therefore, been warned; the signals are consequently up on all but our northern coasts.

FORECASTS

For the 24 hours ending at NOON on 17th JAN^y 1892.

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	{	<i>S² and SE² gales; squally, cold showers.</i>
1	SCOTLAND EAST		
2	ENGLAND N.E.		<i>Same as No 4</i>
3	ENGLAND EAST		<i>Same as No 5.</i>
4	MIDLAND COUNTIES		<i>SE² winds, fresh to strong; some cold showers.</i>
5	ENGLAND SOUTH		<i>Wind increasing to a gale and backing E²; some cold showers.</i>

DISTRICTS.		FORECASTS.	
6	SCOTLAND WEST	{	<i>SE² to E² gales and strong winds; with varying weather, local showers.</i>
7	ENGLAND N.W.		
8	ENGLAND S.W.		
9	IRELAND NORTH		
10	IRELAND SOUTH		
WARNINGS		<i>Yesterday to all our north, west, and southwest coasts. Hoist South Cone. At 10.25 am today,</i>	

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.							Direc.	Dry.				
Skudesnaes ...	29.80	34	30	SE	6	0	4	Valencia ...	29.06	48	46	SE	7	0	6
Sumburgh Head ...	29.50	36	36	SSE	4	0	5	Scilly ...	29.40	47	44	S	5	c	5
Stornoway ...	29.84	38	36	S	6	0	4	Jersey ...	29.35	44	39	SE	3	bc	3
Aberdeen ...	29.52	36	33	SSE	4	cq	5	Hurst Castle ...	29.53	37	35	W	1	bm	1
Shields ...	29.49	36	35	Z.	0	c	2	Dungeness ...	29.43	33	33	W	3	m	2
Ardrossan ...	29.43	31	31	E	1	b	1	North Foreland ...	29.46	34	34	W	4	0	4
Malin Head ...	29.22	34	32	SSE	5	0	3	London ...	29.50	36	33	W	1	bm	2
Mullaghmore ...	29.15	40	37	SE	7	0	4	Yarmouth ...	29.42	33	33	W	1	omshp	4
Belmullet ...	29.05	40	39	SSE	7	0	2	Rocheport ...	29.60	42	39	W	3	0	2
Holyhead ...	29.45	39	38	SSE	1	b	2								

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

Weather fine in most parts of Great Britain, France, and Portugal, but foggy at several of the English stations. Dull elsewhere with passing showers in the west of Ireland, and with snow over the Netherlands and some part of Germany, as well as at Aumale (Central Algeria); rain falling at Nice and Livorno. Showers falling later at several of our own western and northern stations, and heavy rain in the south of Ireland, as well as in the west of France.

Temperature highest 58° at Malta, 56° at Larnaca and Brindisi, 55° at Oran, and 53° at Palermo and Nemours; above 50° at several of the Mediterranean stations, and reaching 45° at Valencia Island. Lowest -9° F. at Haparanda, +7° at Archangel, 8° at Helsingfors, 11° at Neufahrwasser, 13° at Leningrad, and 14° at Breslau and Warsaw, considerably below the freezing point over the whole of northern and central Europe, as well as in the north and east of Great Britain, slight frosts prevailing over the northern and central part of Ireland. Daily maxima over our Islands below 40° at all but the west coast stations, and below 30° in some parts of Germany. Thermometer exceeding 45° on our southwest coast and also in the west and south of France.

Wind strong from the SE in the west of Ireland, light from the SE in the east coast of that country and of Scotland. N or NW over the greater part of England and France and also in the north of Spain, with a gale at Corunna. SW or S in Italy. Light and variable in Greece, calm in Sweden. E in Norway, Denmark and Germany. Subsequently increasing to a fresh or strong gale from the SE in the west and south of Ireland, and to a strong breeze from the SE in many other parts of our western coast.

Barometer highest 30.0 in: and upwards in an anticyclone lying over the Gulf of Bothnia, and also in another system lying over the south of Spain. Lowest 29.2 in: and less in a depression off the west of Ireland; 29.3 in: and less in two other systems lying respectively over the Gulf of Genoa and over the northern part of the Adriatic; 29.5 in: and less in a large shallow area lying over the south of Greece. New depression of considerable depth advancing later towards our extreme western coast, where barometer fell briskly.

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, 17th January

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.		Weather.		Barometer.		Shade Temp.			Wind.		Weather.	Sea (10 to 9).		Shade Temp.		Amount of Rainfall.	
	Reading at 3 ³⁰ P. and Sea Level.	Dry Bulb.	Dir.	Force (0 to 12).			Reading at 3 ³⁰ P. 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 ...	30.13	-11	N	2	bc	30.29	+ .27	-8	-9	+ 2	N	2	b	#	bc	-6	-13	—	
	Hernösand ...	30.19	10	N	2	bc	30.45	+ .35	4	4	— 16	N	2	b	#	bc	21	4	—	
	Stockholm ...	30.25	28	L	0	o	30.32	+ .44	19	18	— 7	NW	2	b	#	o	30	?	—	
	Wisby ...	30.28	27	SSE	4	o	30.34	+ .17	25	26	0	S	2	o	#	o	30	25	—	
	Bodö ...	30.08	22	E	2	b	30.29	+ .38	22	19	0	ENE	4	b	2	b	22	18	—	
	Christiansund...	30.08	27	ESE	3	b	30.22	+ .25	22	21	— 8	ESE	1	b	2	b	30	21	—	
	Skudenesnaes ...	30.05	34	ESE	7	o	30.16	+ .27	32	28	— 2	ESE	4	o	3	o	36	30	—	
	Christiania Fjord (Færder)	30.08	30	SE	3	o	30.34	+ .28	27	25	— 4	NNE	5	b	2	o	30	27	—	
	Skagen (The Seaw)	30.05	27	ESE	5	o	30.25	+ .26	26	26	— 5	ESE	5	b	3	o	30	27	—	
	Fanö ...	29.98	27	SE	6	c	30.06	+ .25	26	25	+ 1	E	6	o	#	c	27	25	—	
BRITISH ISLANDS.	Sumburgh Head	29.70	36	SE	6	o	29.90	+ .28	38	37	0	SE	5	o	8	o	39	35	0.14	
	Stornoway ...	29.37	37	SE	6	bc	29.61	+ .29	39	37	+ 2	SE	6	bc	6	o	39	32	—	
	Wick ...	29.55	39	S	7	o	29.77	+ .30	29	37	+ 1	SE	7	o	6	o	40	35	0.10	
	Nairn ...	29.45	33	SE	1	b	29.72	+ .32	35	32	— 2	ESE	2	c	2	b	40	30	—	
	Aberdeen ...	29.60	37	SSE	5	c	29.81	+ .33	38	34	+ 2	SE	6	ogq	7	rsp	39	35	0.09	
	Leith ...	29.51	30	S	3	b	29.69	+ .26	37	35	+ 6	E	4	o	#	b	37	28	—	
	Shields ...	29.56	35	SE	4	c	29.69	+ .22	38	36	+ 8	SE	7	r	5	cmv	38	21	0.02	
	Spurn Head ...	29.55	36	SE	6	b	29.62	+ .11	37	36	+ 4	ESE	6	o	5	b	43	26	—	
	York ...	29.36	30	E	1	b	29.65	+ .15	35	34	+ 15	E	3	s	#	b	35	20	0.02	
	Loughborough	29.48	29	SE	4	c	29.55	+ .08	33	32	+ 12	SSE	2	ors	#	c	33	21	0.13	
BRITISH ISLANDS.	Ardrossan ...	29.42	34	ENE	3	o	29.59	+ .22	36	35	+ 9	ENE	4	o	2	o	36	26	—	
	Malin Head ...	29.18	37	SE	7	o	29.42	+ .27	36	34	0	SE	6	ogm	3	o	39	34	—	
	Mullaghmore ...	29.08	41	E	7	o	29.38	+ .34	40	39	— 1	E	6	og	3	p	42	39	0.11	
	Belmullet ...	29.00	40	SSE	5	o	29.31	+ .41	41	40	0	SE	5	c	#	o	43	37	0.01	
	Donaghadee ...	29.32	38	SE	7	c	29.52	+ .23	37	37	0	SE	7	r	5	c	40	35	0.18	
	Liverpool (Bldston)	29.38	32	ESE	5	o	29.55	+ .17	32	31	+ 8	E	4	s	3	o	32	24	0.20	
	Holyhead ...	29.26	38	ESE	4	o	29.46	+ .21	35	35	0	ESE	2	cg	2	o	40	34	0.05	
	Parsonstown ...	29.02	42	ESE	2	r	29.35	+ .35	40	39	— 2	SE	2	o	#	r	40	37	0.36	
	Valencia ...	28.84	45	ESE	5	c	29.19	+ .43	45	43	0	ESE	6	op	6	cp	47	45	0.20	
	Roche's Point	28.92	45	SSE	6	c	29.29	+ .48	46	44	— 1	SSE	6	bc	5	pl	47	42	0.40	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.12	40	SE	6	r	29.39	+ .29	39	39	— 3	E	4	og	5	r	42	37	0.37	
	Scilly ...	29.01	48	S	6	c	29.27	+ .37	48	46	0	SE	4	c	5	c	48	45	0.37	
	Prawle Point ...	29.22	41	SE	7	r	29.37	+ .15	43	43	+ 1	SE	4	og	3	r	45	40	0.07	
	Jersey (St. Aubin's)	29.30	42	ESE	7	o	29.41	+ .05	43	42	+ 6	SE	7	o	6	o	43	37	0.21	
	Hurst Castle ...	29.38	39	SE	6	o	29.50	+ .09	46	46	+ 10	SE	4	or	3	or	48	37	0.58	
	Dungeness ...	29.56	36	SSE	7	c	29.60	+ .06	37	36	+ 3	SSE	5	c	4	c	37	32	0.03	
	North Foreland	29.56	35	SSE	7	b	29.63	+ .09	35	35	+ 2	SE	4	ogm	4	b	35	32	—	
	London ...	29.61	36	ESE	2	o	29.57	+ .07	35	34	+ 3	ESE	2	od	#	o	38	32	0.01	
	Oxford ...	29.47	34	SE	4	o	29.54	+ .08	35	34	+ 5	ESE	3	od	#	o	35	30	0.01	
	Cambridge ...	29.59	31	ESE	3	bc	29.62	+ .09	34	34	+ 8	SE	4	o	#	bc	36	24	—	
GERMANY & HOLLAND.	Yarmouth ...	29.68	34	SSE	7	bc	29.67	+ .12	36	35	+ 3	SE	7	og	5	bc	36	32	0.09	
	Cuxhaven ...	29.92	24	SE	3	m	30.04	+ .23	26	24	+ 3	SSE	3	m	#	m	26	23	—	
	Berlin ...	29.99	20	ESE	3	o	30.13	+ .23	18	18	+ 1	E	4	c	#	a	20	18	—	
	Wiesbaden ...	#	#	#	#	#	29.97		23	22		NE	2	o	#	#	22	19	—	
	Munich ...	29.83	22	E	1	o	29.98	+ .31	14	14	— 6	E	5	f	#	o	25	14	—	
	The Helder ...	29.83	29	ESE	2	b	29.87	+ .20	26	25	— 4	E	3	bc	3	b	32	25	—	
	Brussels (9 a.m.)	#	#	#	#	#	29.74	— .05	26	24	— 3	E	4	o	#	b	33	22	—	
	Cape Gris Nez	29.54	32	SE	5	c	29.55	— .03	30	28	+ 4	SSE	5	o	4	c	32	25	—	
	Paris ...	29.61	30	E	2	bc	29.62	— .03	30	28	+ 2	E	2	o	#	bc	34	28	—	
	Brest ...	29.61	49	S	5	o	?	?	42	41	— 5	ESE	2	c	4	r	30	39	0.55	
FRANCE AND BELGIUM.	Lorient ...	29.21	46	SSE	1	r	29.48	+ .07	43	42	— 2	ESE	4	r	6	r	46	41	1.02	
	Rochefort ...	29.32	44	S	5	c	29.40	+ .03	44	40	+ 8	SE	4	o	#	o	45	39	0.08	
	Belfort ...	?	22	E	2	b	?	?	16	9	0	E	2	b	#	b	29	14	—	
	Lyons ...	29.76	23	E	1	f	29.69	— .02	41	37	+ 18	SSE	4	bc	#	f	31	29	—	
	Nice ...	29.86	37	E	1	b	30.02		39	36		2	o	c	3	c	46	24	—	
	Perpignan ...	29.66	42	W	1	o	29.65	— .02	50	46	+ 21	ESE	2	o	#	o	50	37	—	
	Biarritz ...	29.31	56	SSW	6	o	29.33	— .08	55	46	+ 6	S	6	o	5	o	56	50	—	
	Corunna ...	#	#	#	#	#	29.45	+ .19	46	43	+ 1	SSW	5	b	4	*	52	36	0.08	
	Lisbon ...	29.26	50	N	1	r	29.40	?	45	44	— 9	N	4	r	#	r	52	45	0.75	
	PERIN- SULA.																			

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, 17th January 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:

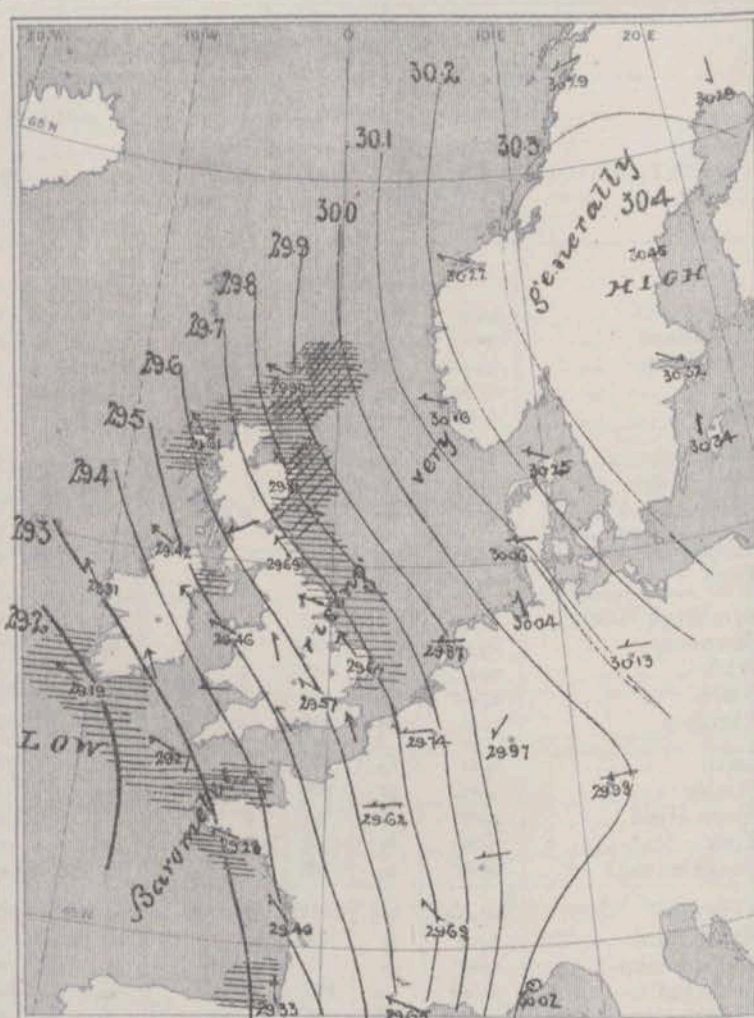
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.855
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

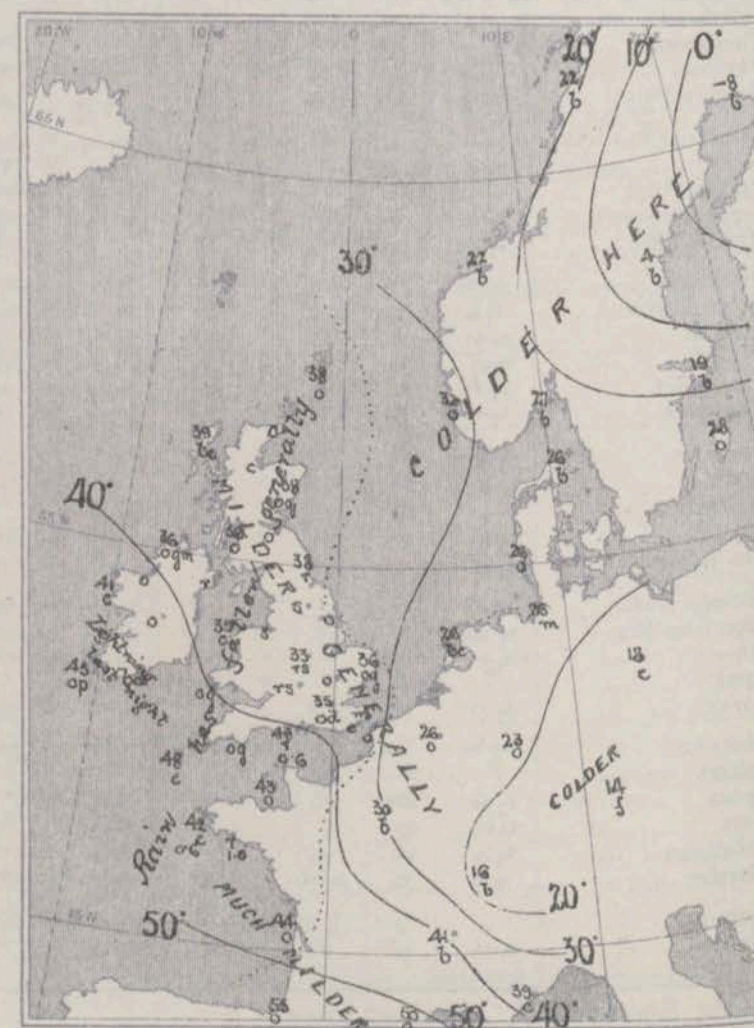
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	35.7	1.36
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	4.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.5	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.2	39.5	2.04
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.5	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.64
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: to 30.4 in: and upwards, over Scandinavia and the Baltic.
 Lowest, 29.2 in: and less, in a depression lying to the south-westward of Ireland.
 Gradients moderate generally, but slight over Scandinavia.
 Barometer rising at all but the southern French stations.

TEMPERATURE

Highest, 55° at Biarritz, 50° at Pau, 48° at Brest, and 46° at Rocherbon and Hunt Castle.
 Lowest, -8° Fort. at Kaparandor, +5° at Hunsdorf, 14° at Munich, 16° at Pilsen, and 18° at Berlin.
 The maxima registered yesterday were below 40° in many parts of Great Britain, but above 45° at some of our extreme southern and eastern stations.

WIND

SE over the greater part of Western Europe, and strong in force on many parts of our own coast.
 Light from the N. or N.W. in Sweden, - moderate from N. at Lisbon.
 A moderate gale from the SE^{ly} was experienced last night on the south and south-east coasts of England.

WEATHER

Cloudy or overcast at all but the Scandinavian and central French stations, with snow over the north of England, and with slight rain over our southern and south-east coasts. A "silver thaw" is in progress in London.
 Since yesterday morning rain has fallen at all our western and southern, as well as at some of our ^{northern} stations, and lightning has been seen at Rocherbon.

SEA

Few, high at Sumburgh Head, and high at Aberdeen, rough on most other parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 18th Jan^y. 1892.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

None issued

WARNINGS.

The S. Cone is still up in districts 1 and 8, and the N. Cone is districts 3 and 5. The others have come down this morning.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND Direc.	P.	WEA.	SEA.		BAR.	THER.		WIND Direc.	P.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.96	35	31	ESE	6	o	4	Valencia ...	28.86	47	44	SE	5	o	4
Sumburgh Head ...	29.67	37	36	SSE	6	o	7	Scilly ...	28.87	45	47	SSE	6	o	7
Stornoway ...	29.35	39	37	SE	6	o	6	Jersey ...	29.31	40	37	SE	7	o	3
Aberdeen ...	29.53	35	34	SE	7	ogyp	8	Hurst Castle ...	29.39	38	37	SE	6	bc	6
Shields ...	29.53	28	27	Z	o	cm	2	Dungeness ...	29.54	34	34	S	7	bc	4
Ardrossan ...	29.37	33	33	ENE	3	b	2	North Foreland ...	29.55	34	34	SSE	5	b	4
Malin Head ...	29.12	38	36	SE	6	bc	3	London ...	29.51	36	34	SE	4	c	4
Mullaghmore ...	29.05	41	39	E	6	og	4	Yarmouth ...	29.59	35	34	SSE	6	bc	4
Belmullet ...	28.93	41	40	ESE	5	o	+	Rocheport ...	29.36	43	40	S	6	o	+
Holyhead ...	29.23	39	37	ESE	3	cg	2								

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

Weather in morning fine and bright over Algeria, fair and quiet over Scandinavia, the Baltic, and Russia, but dull in places, and temporarily fair over England and some parts of France; dull, changeable and very unsettled over Northwestern Europe as a whole, with hail or rain showers in various parts of Scotland, Ireland, Brittany, and the Spanish Peninsula. Rain or sleet showers later in nearly all parts of our Islands, heavy rain over Brittany and the west of France, and local cold showers over Austria and southeastern Europe.

Temperature risen in the west and south of our Islands, fallen over the north-midland countries, and changing irregularly in all regions. Morning readings exceeding 50° on southern side of Mediterranean only, but exceeding 40° on the Atlantic coast of Europe and the British Islands, much lower elsewhere. Lowest (1) -10° F. at Haparanda, +6° at Moscow, 13° at Kharkov, 14° at Archangel and Warsaw; (2) 16° at Belfast, 17° at Berlin, 20° at Munich, 28° at Paris; (3) 20° at York, 21° at Loughborough. Rising later to between 45° and 48° on many parts of our western coasts, to between 50° and 55° in the south and southwest of France, to 60° and more in the south of Italy, and at the Algerian stations.

Wind very light and anticyclonic over Northern and Eastern Europe; E³, light over Germany; mainly SE³ over northwestern Europe, and S³ to SW³ over Spain. Blowing a gale in Scotland, Ireland, and Portugal, and increasing in force on the southeastern coast of England, where a moderate gale from SE set in later. No change elsewhere.

Barometer highest 30.2 ins. and more to 29.9 ins. in an anticyclone lying over Scandinavia, the Baltic, and southern Russia, and exceeding 29.9 ins. over Algeria. Lowest 28.8 ins. and less, in a large depression lying to the southward of Ireland, and below 29.7 ins. over Scotland, the north of Italy, and southeastern Europe. Rising over our Islands and northern Europe later; depression in west apparently receding westwards.

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, 18th January, 1892.

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

Issued by the Meteorological Office, 55, Victoria Street, London. H. 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).	Weather.	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).			Max.	Min.		
		Inch.	°				Inch.											Inch.	
SCANDINAVIA.	Haparanda ...	30.44	-5	Z	0	b	30.45	+16	-7	-7	+1	N	2	c	#	b	0	-17	-
	Hernösand ...	30.62	-7	Z	0	b	30.52	+07	-10	-10	-14	Z	0	b	#	b	10	-10	-
	Stockholm ...	30.53	16	N	2	c	30.56	+24	5	5	-14	Z	0	b	#	c	28	?	-
	Wisby ...	30.48	24	ESE	4	b	30.58	+24	19	18	-9	ESE	4	b	#	b	30	?	-
	Bodö ...	30.44	22	E	2	b	30.38	+09	25	23	+3	E	2	b	1	b	23	18	-
	Christiansund...	30.30	23	ESE	2	b	30.32	+10	22	28	+7	ESE	3	b	2	b	28	19	-
	Skudesnaes ...	30.26	32	ESE	2	b	30.48	+32	33	28	+1	SE	6	bc	4	b	36	32	-
	Christiania Fjord (Fierder)	30.51	19	ESE	5	0	30.57	+23	23	21	-4	NNE	5	0	1	0	27	18	-
	Skagen (The Scaw)	30.42	26	ESE	6	10	30.50	+25	28	27	+2	SE	4	c	3	0	28	23	-
	Fanö ...	30.18	27	SE	7	0	30.26	+20	26	25	0	ESE	6	b	#	0	28	25	-
BRITISH ISLANDS.	Sumburgh Head	29.94	36	SE	6	r	29.95	+05	38	38	0	SE	6	r	7	r	38	36	0.09
	Stornoway ...	29.67	38	SE	6	0	29.68	+07	40	40	+1	S	4	0	4	co	40	36	0.08
	Wick ...	29.82	40	SE	8	0	29.80	+03	41	40	+2	SE	8	ru	8	0	41	38	0.12
	Nairn ...	29.73	38	SSE	2	0	29.73	+01	39	38	+6	ESE	2	0	1	0	39	33	-
	Aberdeen ...	29.85	39	SE	7	0	29.85	+04	39	38	+1	SE	6	ogtq	8	0	40	38	0.19
	Leith ...	29.72	37	E	5	r	29.76	+07	38	37	+1	SE	1	0	#	r	39	35	0.01
	Shields ...	29.72	39	ESE	7	r	29.75	+06	40	39	+2	SE	5	r	7	r	40	28	0.20
	Spurn Head ...	29.68	38	ESE	5	0	29.76	+14	39	39	+2	ESE	4	cp	5	ot	39	36	0.02
	York ...	29.70	37	E	2	0	29.78	+13	37	37	+2	E	1	0	#	0	37	35	0.04
	Loughborough	29.61	35	E	3	0	29.70	+15	35	35	+2	E	2	cs	#	0	37	33	0.11
GERMANY & HOLLAND.	Ardrossan ...	29.65	37	NE	2	TS	29.70	+11	36	36	0	NE	2	rf	1	rs	37	34	0.52
	Malin Head ...	29.52	38	SE	5	ogm	29.64	+22	37	37	+1	SE	4	of	2	ogm	38	34	0.02
	Mullaghmore ...	29.47	39	E	6	og	29.64	+26	35	34	-5	E	2	c	2	og	40	33	-
	Belmullet ...	29.41	41	ESE	4	b	29.62	+31	35	35	-6	SE	2	b	1	og	42	35	-
	Donaghadee ...	29.56	38	SE	5	r	29.66	+14	40	40	+3	SE	5	r	4	r	40	35	0.35
	Liverpool (Bidston)	29.59	34	E	3	r	29.70	+15	36	35	+4	ESE	3	0	3	r	36	32	0.38
	Holyhead ...	29.49	37	E	2	rmg	29.63	+17	39	39	+4	Z	0	ogm	0	rgm	39	35	0.27
	Parsonstown ...	29.45	41	SE	1	c	29.65	+30	27	26	-13	Z	0	0	1	c	42	26	-
	Valencia ...	29.37	42	E	2	bc	29.61	+42	38	37	-7	Z	0	b	4	bc	47	37	0.06
	Roche's Point	29.38	46	SSE	5	bc	29.61	+32	40	39	-6	SE	2	c	4	hpr	48	39	0.60
FRANCE AND BELGIUM.	Pembroke (St. Ann's Hd.)	29.43	40	E	3	r	29.63	+24	42	42	+3	E	3	om	4	r	43	38	0.15
	Scilly ...	29.36	46	SE	2	r	29.59	+32	44	44	-4	NNE	1	b	5	r	45	42	0.12
	Prawle Point ...	29.42	45	SE	4	r	29.63	+26	42	41	-1	NNE	2	bc	2	pg	46	40	0.09
	Jersey (St. Aubin's)	29.47	45	SE	6	ogm	29.65	+24	45	44	+2	SE	3	om	3	gm	45	42	0.15
	Hurst Castle ...	29.52	42	ESE	4	og	29.67	+17	41	41	-5	E	2	cam	2	g	46	40	0.16
	Dungeness ...	29.61	41	ESE	4	og	29.72	+12	44	43	+7	S	4	c	4	og	44	36	0.01
	North Foreland	29.64	39	SE	4	0	29.74	+11	40	40	+5	SE	3	0	4	0	40	35	-
	London ...	29.61	36	ESE	2	om	29.72	+15	38	37	+3	ESE	1	cf	#	c,om	39	35	-
	Oxford ...	29.61	36	E	1	0	29.72	+18	32	32	-3	E	1	bcm	#	oga	38	33	0.02
	Cambridge ...	29.66	37	SE	2	0	29.76	+14	37	36	+3	SE	2	bc	#	0	38	33	-
PENINSULA.	Yarmouth ...	29.69	37	SE	6	ogq	29.78	+11	39	38	+3	SE	4	c	4	ogq	39	35	-
	Cuxhaven ...	30.09	24	ESE	5	f	30.22	+18	24	23	-2	ESE	6	0	#	f	26	22	-
	Berlin ...	30.22	16	E	4	b	30.34	+21	21	20	+3	E	4	0	#	b	23	16	-
	Wiesbaden ...	#	#	#	#	#	30.07	+10	26	25	+3	NNE	1	b	#	#	30	23	-
	Munich ...	29.98	23	NE	2	0	30.04	+06	28	20	+7	E	5	f	#	0	25	14	-
	The Helder ...	29.88	30	E	2	c	29.98	+11	29	28	+3	E	3	bc	3	c	30	25	-
	Brussels (9 a.m.)	#	#	#	#	#	29.88	+14	40	34	+14	SE	4	0	#	0	43	26	-
	Cape Gris Nez	29.60	39	SE	4	0	29.69	?	41	38	+9	ESE	4	c	4	0	41	30	-
	Paris ...	29.65	42	ESE	2	0	29.80	+18	44	38	+14	SE	4	0	#	0	45	30	-
	Brest ...	?	45	Z	0	c	?	?	42	41	0	E	2	0	5	c	48	39	0.04
FRANCE AND BELGIUM.	Lorient ...	?	46	SSE	1	0	29.60	+28	41	41	-2	E	1	m	6	0	48	39	0.89
	Rochefort ...	29.48	46	SSE	4	r	29.67	+22	44	44	0	SE	3	0	#	r	52	43	0.28
	Belfort ...	?	23	E	3	b	?	?	20	?	+4	E	2	b	#	b	31	16	-
	Lyons ...	29.77	48	SSE	3	0	29.86	+17	39	33	-2	NE	1	0	#	0	51	38	-
	Nice ...	29.98	47	E	4	b	29.92	-10	49	44	+10	NE	7	0	6	0	50	39	-
	Perpignan ...	29.69	53	S	2	0	29.70	+05	53	51	+3	ESE	3	T	#	0	62	49	0.04
	Biarritz ...	29.45	51	SW	3	r	29.59	+26	46	45	-9	SE	3	0	5	r	57	43	0.08
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	-
	Lisbon ...	29.63	46	W	2	b	29.75	+35	46	44	+1	NNE	1	bc	#	b	50	43	0.2

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, 18th January, 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:

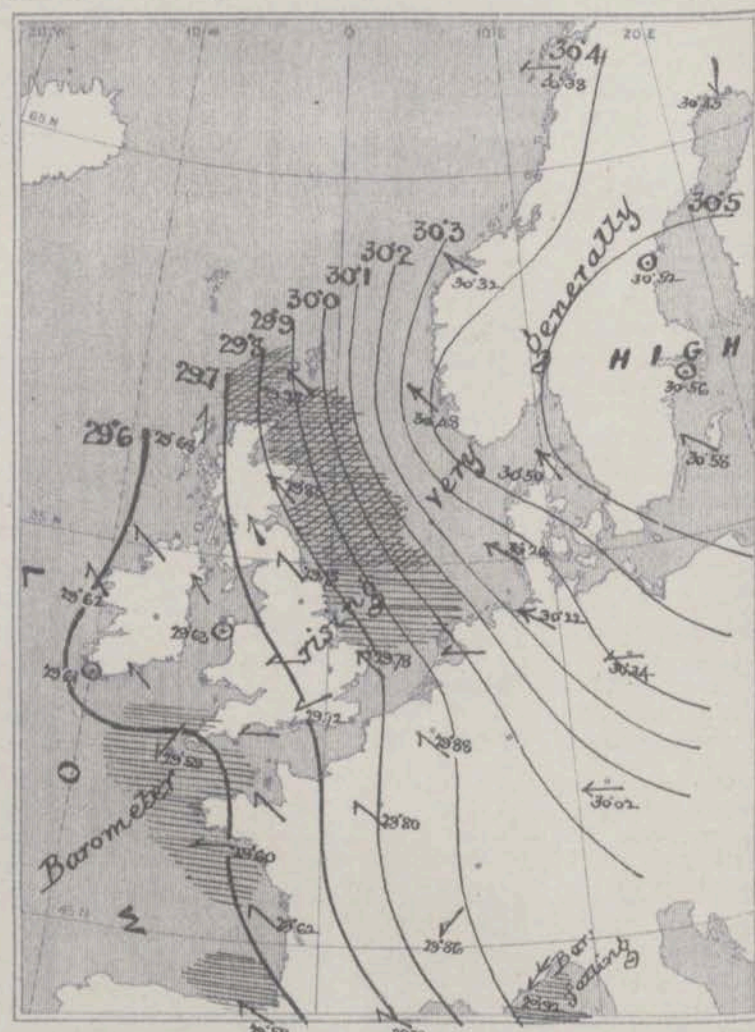
▨ = Rough. ▩ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871-1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.956
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

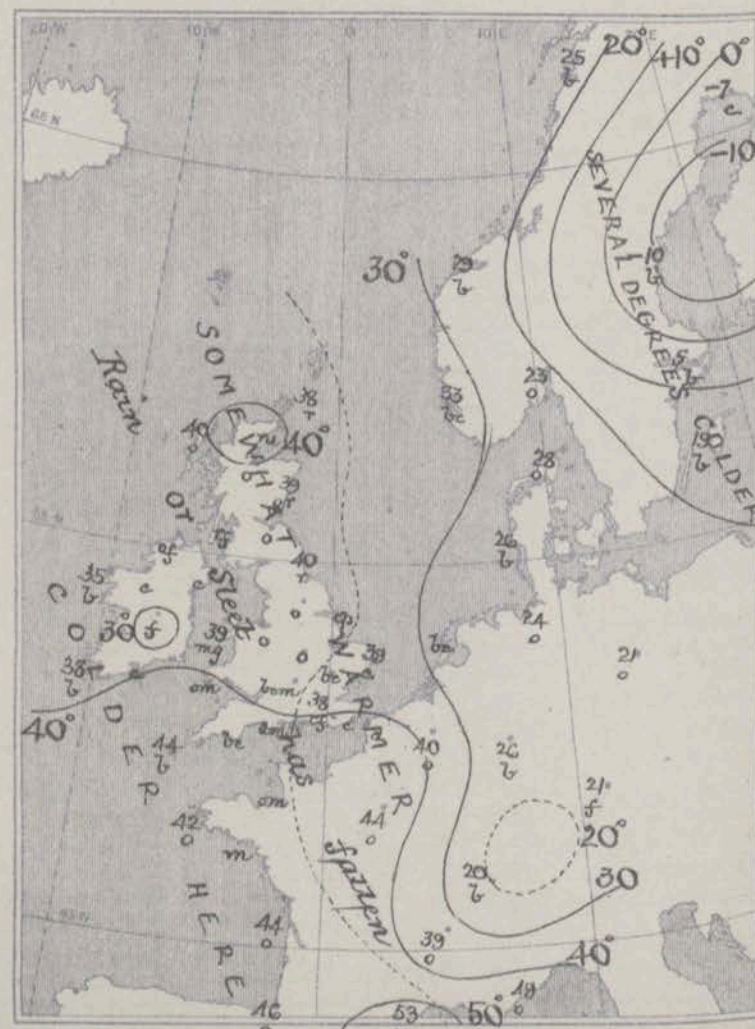
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.8	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.76
Spurn Head.....	41.7	34.5	37.7	36.7	1.36
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	4.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	6.60
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.0	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.64
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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, 30.5 in. and upwards, in an anticyclone lying over Sweden.

Lowest, 29.6 in. and less, in a large and irregularly formed area lying over the Bay of Biscay and to the westward of our Islands.

Gradients rather steep over the North Sea, but slight elsewhere.

Barometer rising generally.

TEMPERATURE

Highest, 53° at Lerpinnan, 49° at Nice, 46° at Bismarck and Lisbon, 45° at Jersey and 44° at Brest, Dunkirk, Paris, and Rochefort.

Lowest, -10° F. at Haparanda, -7° at Haparanda, +5° at Stockholm, 19° at Kirk, 20° at Lyons, and 21° at Berlin and Munich.

The maxima registered over our Islands yesterday were below 40° in many parts of Great Britain, but above 45° on our extreme south and southwest coasts.

WIND

Chiefly SE¹; light or moderate in force in most districts, but strong in the north and east of Scotland, and also on the eastern shore of the North Sea, with a gale at Kirk.

Calm at some of the Swedish stations.

WEATHER

Fine in Scandinavia, as well as in some of the central and southern part of England and in the west and south of Ireland.

Dull elsewhere, with rain on many parts of our north and northeast coasts, and fog at several of the English and Irish stations.

Rain or sleet fell yesterday in nearly all parts of the United Kingdom, the largest amounts being 0.6 in. at Hooking and 0.5 in. at Inverness.

SEA

Very high at Kirk and Aberdeen, high on our north and northeast coasts generally, and rough or rather so at many of the French stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather. The anticyclone over Scandinavia is inclined to spread westwards, and the low pressure system to the westward and southward of our Islands is apparently filling up.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

1 SCOTLAND
EAST

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

SE¹ winds, strong; dull, some cold rain or sleet.

Same as No 5

E¹ and SE¹ winds, moderate; fair generally, but slight showers locally.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

E¹ winds, light; dull, some rain.

Light breezes, chiefly E¹; fair to dull and some rain.

SE¹ winds, light or moderate; changeable, some rain.

WARNINGS

None issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	?	36	35		6	c	3	Valencia ...							
Sumburgh Head								Scilly ...							
Stornoway ...	29.66	40	38	SE	4	c	5	Jersey ...	29.42	45	43	ESE	6	0	5
Aberdeen ...								Hurst Castle							
Shields ...								Dungeness...	29.59	40	39	ESE	5	0	4
Ardrossan ...								North Foreland...	29.61	40	38	SE	4	0	4
Malin Head ...	29.50	37	36	SE	5	0	2	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	29.52	41	40	SE	3	0	7	Rochefort ...	29.38	49	46	ESE	4	7	7
Holyhead ...	29.48	38	38	E	3	2gm	2								

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

Weather in morning fine and bright over Scandinavia and several parts of N. Germany as well as over Italy and the southeastern portion of the Mediterranean, changeable and unsettled elsewhere, squally and showery in the north and west of our Islands, with snow in places, rainy at Lisbon, foggy at Munich, Lemberg and Moscow; snow falling at Archangel, Moscow, Kiovi and Buda Pesth. Silver thaw prevalent in London. Rain later except over the SE. parts of our Islands, Germany and the Netherlands; amounts reported not large.

Temperature rising over the United Kingdom, but changes very irregular; morning readings exceeding 50° at Brindisi, Malta and several stations on the Algerian and Spanish coasts, and exceeding 40° on the Atlantic coast of Europe generally, lower elsewhere. Lowest - 9°F. at Ulesborg, +4° at Hernösand, 14° at Archangel, 16° at Moscow; 6° at New Fabunsser, 12° at Lemberg, 14° at Munich. Rising later to between 40° and 47° over the western and northern parts of the United Kingdom to 50° and more in the west and south of France.

Wind E. to N. over the Mediterranean and over central Europe, S. in the N. of Spain, SE. over the British Islands and North Sea, and blowing very strongly in most places; light and variable over N. and E. Europe, very little change later.

Barometer 30.4 ins. and more to 30.1 ins. in a large high-pressure area stretching from Scandinavia across the Baltic to E. Russia and the Black Sea and exceeding 30.1 ins. over Italy and the southeastern parts of the Mediterranean. Lowest 29.2 ins. and less in a depression lying to the SW. of Ireland, 29.8 ins. and less in another over N. Russia. Rising over our Islands during the day.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 10TH TO 16TH JAN. 1890.

During this week, the distribution of pressure over our Islands and indeed over western Europe generally, has been constantly varying; temperature has been low but its fluctuations have been numerous and irregular. At first the eastern portion of an anticyclone spread over the United Kingdom from the Atlantic, while a low pressure system approached Lapland and northern Europe. The W. breezes in the north brought rain, hail and snow showers to our northern districts, while the E. breezes in the south caused slighter falls over the southeast of England. Depression, then began to move southeasterly over Scandinavia, Scotland and the North Sea, while a well marked system advanced northeasterly across Spain and eastwards over France; cold showers (snow, hail and rain) fell in all places - most in the northwest and north and a good deal of rain was reported over southern Europe. These disturbances subsequently passed away, but on Friday a new deep depression approached our western coasts from the Atlantic, causing SE. gales or strong winds in all parts of the Kingdom, unsettled weather generally, and much rain in the west and southwest. The centre of the disturbance, however, did not come inland, and at the close of the week a well marked high-pressure area over Scandinavia was spreading westwards over the North Sea, and the gales on our coasts were beginning to moderate.

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, 19th January.

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.			Weather.	Barometrical.			Shade Temp.			Wind.			Sea (10 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 ...	30.50	5	N	2	0	30.43	-0.2	7	7	0	8	2	bc	*	0	10	7	—	—
	Hernösand ...	30.51	18	N	0	0	30.53	+0.1	8	7	+18	2	0	0	*	0	7	-13	—	—
	Stockholm ...	30.53	10	N	2	6	30.54	-0.2	12	11	+7	2	0	6	*	6	15	5	—	—
	Wisby ...	30.51	28	N	6	c	30.49	-0.9	20	27	+11	NNE	4	0	*	c	32	16	—	—
	Bodö ...	30.35	26	E	2	6	30.25	-1.3	24	23	-1	E	2	6	1	6	32	21	—	—
	Christiansund...	30.25	35	ENE	4	6	30.20	-1.2	36	34	+7	ENE	4	6	3	6	7	—	—	—
	Skudesnaes ...	30.30	35	NE	7	bc	30.26	-1.2	37	31	+4	NE	8	0	5	bc	37	33	—	—
	Christiania Fjord (Fjorder)	30.57	23	NW	5	0	30.53	-0.4	21	21	-2	NW	2	6	1	0	23	21	—	—
	Skagen (The Scaw)	30.52	30	NE	2	c	30.49	-0.1	28	27	0	NE	4	6	1	c	32	27	—	—
	Fanö ...	30.34	24	ENE	6	6	30.32	+0.6	24	23	-2	E	6	6	*	6	28	23	—	—
BRITISH ISLANDS.	Sumburgh Head	29.86	37	NE	7	T	29.85	-1.0	42	42	+4	NE	6	7	7	T	42	36	0.22	—
	Stornoway ...	29.68	35	N	4	0	29.73	+0.5	42	42	+2	NE	4	0	4	0	42	36	0.05	—
	Wick ...	29.82	40	NE	6	0	29.81	+0.1	41	40	0	NE	2	0	8	0	41	39	0.00	—
	Nairn ...	29.78	40	E	1	0	29.79	+0.6	41	36	+2	2	0	0	1	0T	42	35	0.25	—
	Aberdeen ...	29.87	40	SE	5	0.97T	29.80	+0.5	41	40	+2	SE	4	0.97	8	0.97T	42	39	1.32	—
	Leith ...	29.80	40	NE	2	0	29.81	+1.2	38	38	0	2	0	7m	*	0	41	36	0.21	—
	Shields ...	29.84	41	NE	3	0	29.85	+1.4	39	38	-1	NE	3	7	6	0	42	37	0.12	—
	Spurn Head ...	29.85	39	NE	4	T	29.80	+1.4	37	36	-2	NE	4	0	5	T	39	36	0.01	—
	York ...	29.84	39	E	1	0	29.83	+1.5	36	36	-1	E	1	0	*	0	40	34	0.06	—
	Loughborough	29.80	36	E	1	0	29.86	+1.6	35	34	0	ENE	2	0.97m	*	0	40	34	0.02	—
BRITISH ISLANDS.	Ardrossan ...	29.76	37	NE	1	T	29.86	+1.6	37	37	+3	NE	1	0.97	1	T	37	36	0.23	—
	Malin Head ...	29.68	39	NE	3	0.97m	29.76	+1.2	37	36	0	2	4	6	1	0.97m	37	35	—	—
	Mullaghmore ...	29.70	39	NNE	1	6	29.78	+1.4	37	36	+2	N	1	6	2	6m	40	32	—	—
	Belmullet ...	29.66	38	NE	2	6	29.76	+1.4	41	40	+6	NW	2	0.97	*	6p	44	34	0.24	—
	Donaghadee ...	29.74	43	S	4	c	29.84	+1.8	34	34	-6	ENE	3	6	2	c	44	32	0.13	—
	Liverpool (Bidston)	29.78	37	NE	3	T	29.87	+1.7	36	36	0	ENE	2	7	2	T	37	35	0.29	—
	Holyhead ...	29.73	43	2	0	0.97m	29.84	+2.1	41	41	+2	2	0	cmg	0	0.97m	44	38	0.01	—
	Parsonstown ...	29.71	35	2	0	6	29.80	+1.5	38	37	+1	2	0	0	*	6	40	36	—	—
	Valencia ...	29.69	46	NE	2	c	29.78	+1.2	45	44	+7	ENE	1	0	1	cmg	45	37	0.01	—
	Roche's Point	29.71	42	ENE	3	6	29.77	+1.6	45	43	+5	NE	2	6	4	6	46	38	—	—
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.74	43	ENE	2	m	29.83	+1.2	39	39	-3	ENE	2	6	2	m	47	39	—	—
	Scilly ...	29.71	46	ENE	1	6	29.75	+1.0	46	45	+2	ENE	1	6	4	m	47	42	0.01	—
	Prawle Point ...	29.77	44	ENE	2	bc	29.84	+2.1	43	43	+1	2	2	cm	1	bc	53	37	0.01	—
	Jersey (St. Aubin's)	29.77	44	ENE	1	0.97m	29.83	+1.8	45	44	0	2	0	0.97m	0	0.97m	45	43	0.10	—
	Hurst Castle ...	29.80	44	ENE	1	0.97m	29.82	+1.5	41	41	0	E	2	cm	2	cm	46	40	0.04	—
	Dungeness ...	29.83	45	NE	5	0	29.86	+1.4	36	35	-8	ENE	3	c	2	0	46	34	—	—
	North Foreland	29.86	42	NE	4	c	29.87	+1.3	35	35	-5	NE	4	0	4	c	42	34	—	—
	London ...	29.82	43	NE	1	0.97	29.86	+1.4	36	35	-2	E	2	cm	*	0.97	46	36	—	—
	Oxford ...	29.84	42	NE	1	0	29.87	+1.5	36	35	+4	E	1	0.97m	*	0.97	43	32	0.01	—
	Cambridge ...	29.86	37	NE	2	0	29.80	+1.4	34	34	-3	NE	1	0	*	0	40	33	—	—
GERMANY & HOLLAND.	Yarmouth ...	29.89	40	NE	4	0.97	29.93	+1.5	36	35	-3	ENE	6	0.97	5	0.97m	40	34	—	—
	Cuxhaven ...	30.28	23	ENE	4	0	30.32	+1.0	21	19	-3	ENE	4	6	*	0	24	19	—	—
	Berlin ...	30.41	16	E	4	6	30.48	+0.9	12	12	-9	E	3	6	*	6	25	10	—	—
	Wiesbaden ...	#	#	#	#	#	29.89	-0.8	34	32	+8	E	4	6	*	*	34	7	—	—
	Munich ...	30.01	27	NE	7	0	29.82	-1.2	24	23	+3	E	4	6	*	0	28	21	—	—
	The Heider ...	30.08	29	E	2	6	30.08	+1.0	26	26	-3	E	3	6	3	6	30	26	—	—
	Brussels (9 a.m.)	#	#	#	#	#	29.94	+0.6	25	24	-15	ENE	2	6	*	0	43	24	—	—
	Cape Gris Nez	29.82	41	NE	4	c	29.84	+1.5	31	25	-10	NE	3	0	2	c	45	30	—	—
	Paris ...	29.88	37	NE	2	0	29.87	+0.9	26	26	-10	NE	1	6	*	0	46	25	—	—
	Brest ...	?	45	N	1	c	?	?	38	37	-4	E	1	m	4	c	52	36	—	—
FRANCE AND BELGIUM.	Lorient ...	29.73	43	ENE	1	m	29.82	+2.2	41	40	0	NW	1	6	5	m	45	41	—	—
	Rochefort ...	29.69	48	NE	2	T	29.79	+1.7	44	44	0	NE	2	0	*	T	52	41	0.04	—
	Belfort ...	?	23	E	4	6	?	?	25	18	+8	E	3	6	*	6	29	15	—	—
	Lyons ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Nice ...	29.80	47	ENE	7	c	29.61	-3.1	53	40	+1	NE	37	c	*	c	53	46	—	—
	Perpignan ...	29.71	46	NW	7	0	29.70	0.0	46	42	-7	N	3	0	7	0	52	41	0.63	—
	Biarritz ...	29.68	51	NW	3	0	29.76	+1.7	50	49	+4	NW	5	7	5	0	52	46	0.91	—
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	29.87	48	NW	2	6	29.88	+2.4	47	46	+1	2	0	c	*	6	52	46	0.04	—
	Pewee ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

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, 19th January, 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:

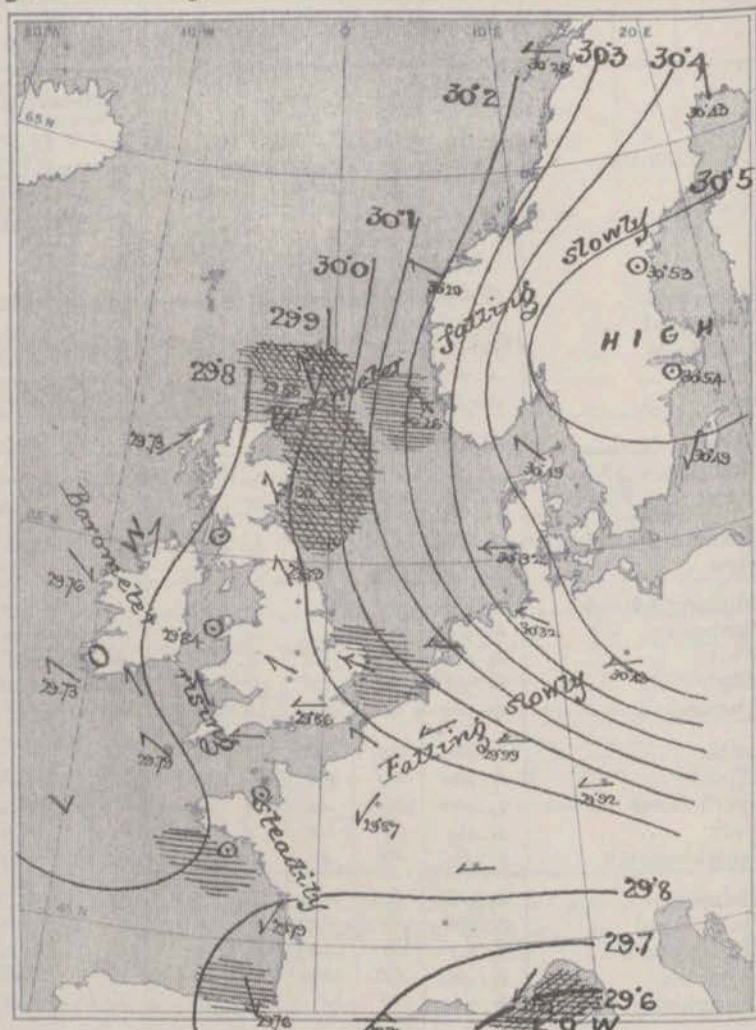
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER.

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

During the 20 Years: 1871--1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.988
Mullaghmore	29.917
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.938
Scilly	29.959
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

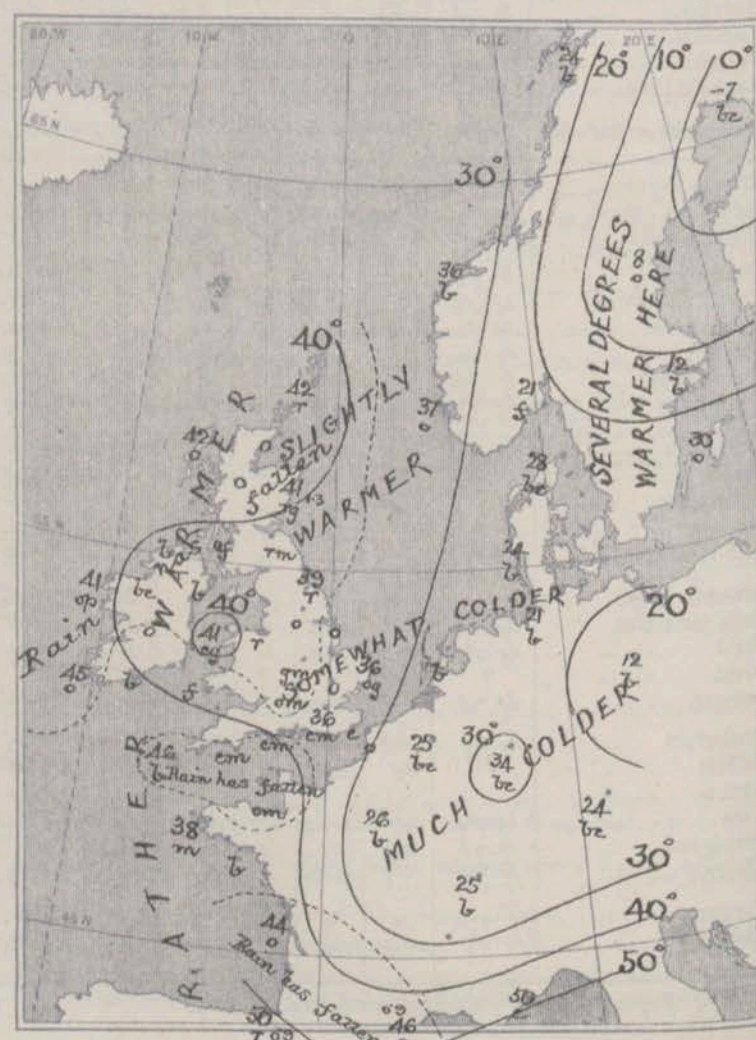
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.3	38.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.36
York	42.7	32.5	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	35.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	1.16
Donaghadee.....	44.4	35.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.6	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	45.5	39.6	42.7	41.3	3.75
Scilly	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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 an anticyclone lying over Sweden, the Gulf of Bothnia, and the northern part of the Baltic.
 Lowest, 29.7 in. and less, in the extreme south of France, and also (apparently) to the northward of Scotland.
 Gradients moderate over Germany, the Netherlands, the North Sea and the west of Norway, but slight elsewhere.
 Barometer falling in Scandinavia, Denmark, South Germany, and the central and southern part of France, but rising elsewhere.

TEMPERATURE

Highest, 50° at Nice and Tientsin, 47° at Lisbon, 46° at Seville and Perpignan, and 45° at Valencia Island, Hohenlunt, and Jersey.
 Lowest, -7° F. at Haparanda, +8° at Helsingfors, 12° at Stockholm and Berlin, and 21° at Tientsin and Amoy.
 The maxima registered yesterday were below 40° at some of our northern stations, but in the south the thermometer exceeded 45°.

WIND

Light from the End or SEnd over Germany, the Netherlands, England, and the south of Ireland; strong from the same quarters on the eastern shore of the North Sea, with a gale at Abbeville.
 NE³ over the central and southern parts of France, and strong in force at Nice.
 S³ in Scotland and the north of Ireland.

WEATHER

Fine in Ireland and the southwest of England, as well as in Scandinavia, Denmark, Germany, the Netherlands, and central parts of France.
 Dull over Great Britain and the west of France, with rain at several of our northern stations.
 Rain fell yesterday in many parts of the United Kingdom, and also in the south of France, the largest amounts being 1.3 in. at Aberdeen and 0.3 in. at Tientsin.

SEA

Very high at Wick and Aberdeen, and rough on our north and east coasts generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

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

FORECASTS

For the 24 hours ending at NOON on 20th Jan^y 1892.

DISTRICTS.

FORECASTS.

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

S² winds, moderate or fresh; drizzle, rain locally.
 Same as N° 5.
 SE² winds, light or moderate; fair generally, but drizzle in places.

DISTRICTS.

FORECASTS.

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

E² winds, light; drizzle, rain locally.
 SE winds, light; fair generally.
 S² and SW² winds, moderate; fair generally but local showers.
 Same as N° 8.
 NONE ISSUED.

WARNINGS

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnes ...	30.30	38	31	012	1	C	4	Valencia ...	29.65	49	46	012	1	bc	2
Sumburgh Head ...	29.84	40	39	012	7	T	5	Scilly ...	29.69	51	49	012	1	bc	5
Stornoway ...	29.66	42	41	012	2	0	3	Jersey ...	29.70	45	44	012	2	om	3
Aberdeen ...	29.85	40	39	012	6	0	2	Hurst Castle ...	29.72	45	45	012	2	edm	2
Shields ...	29.80	42	40	012	4	0	3	Dungeness ...	29.76	45	44	012	5	c	4
Ardrossan ...	29.72	39	38	012	1	T	1	North Foreland ...	29.84	42	41	012	4	0	4
Malin Head ...	29.65	39	39	012	4	0	1	London ...	29.71	46	44	012	1	f	4
Mullaghmore ...	29.66	38	37	012	1	6	2	Yarmouth ...	29.84	40	39	012	4	omg	4
Belmullet ...	29.64	44	42	012	2	6	*	Rochefort ...	29.62	?	?	012	2	cd	*
Holyhead ...	29.70	42	42	2	0	omg	0								

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

Weather in morning fine and bright at the Scandinavian stations and over the Baltic Provinces, as well as on our extreme southern coast and in the east of France, cloudy more or less elsewhere — with fog in several places, rain on our northeastern coast and at some of the French stations, snow in many parts of Russia. Heavy rain on our northeast coast later (1.3 in. at Aberdeen) and showers in the west and southwest; large quantities of rain in the southwest of France also.

Temperature in morning still above 50° on the southern shores of the Mediterranean as well as at Sangreiras and above 40° over the western part of France and the south coast of England; lower elsewhere. Lowest (1) -10° F. at Hammer, -7° at Nipavanda, +4° at Kiof, 6° at St. Petersburg, 7° at Helsinki, 12° at Moscow, 14° at Rostov, 15° at Viatka; (2) 6° at Warsaw, 8° to 9° over Southern Russia, 11° at Kiev; (3) 20° at Belfort, 21° at Munich. Rising later to between 40° and 50° all over the British Islands, and to more than 50° in the west and south of France.

Wind SE over the greater part of northern Europe, and blowing strongly over the North Sea, NE to E over the Mediterranean and Germany, N over Russia. Fallen very light and become variable over the southwestern part of our islands and the Bay of Biscay, becoming rather more S over England later.

Barometer highest 30.5 in. and more to 30.2 in. all over Scandinavia and the Baltic, and in a ridge extending thence across Germany and Austria to the Balkan Peninsula and Asia Minor. Lowest 29.5 in. and less over Northern Russia and rather below 29 in. off our extreme northwest coast and also over the Bay of Biscay. Changing little and irregularly later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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, 20th January, 1892.

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

Issued by the Meteorological Office, 53, Victoria Street, London. H. 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 3).	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 ...	30.42	-8	Z	0	b	30.46	+0.03	-14	-15	-7	N	2	b	#	b	9	-14	-
	Hernösand ...	30.46	12	Z	0	o	30.53	+0.00	4	4	-4	N	2	o	#	o	14	-4	-
	Stockholm ...	30.45	7	SW	2	o	30.38	-16	1	1	-11	Z	0	c	#	o	16	?	-
	Wisby ...	30.47	28	NW	4	o	30.32	-17	?	?	?	NW	4	o	#	o	32	21	-
	Bodö ...	30.26	31	E	2	c	30.29	+0.04	30	27	+6	E	2	b	1	c	34	23	-
SCANDINAVIA.	Christiansund...	30.26	36	ESE	2	b	30.22	+0.02	32	29	-4	ESE	3	b	3	b	37	28	-
	Skudesnaes ...	30.34	37	SSE	4	b	30.20	-0.06	36	31	-5	SSE	4	c	4	b	39	36	-
	Christiania Fjord (Fierder)	30.50	29	Z	0	f	30.41	-12	16	16	-5	NW	2	f	1	f	29	12	-
	Skagen (The Scaw)	30.48	26	ESE	1	o	30.37	-12	27	26	-1	S	1	o	0	o	30	19	-
	Fanö ...	30.32	22	E	6	b	30.26	-0.06	22	22	-2	E	6	b	#	b	28	21	-
SCANDINAVIA.	Sumburgh Head	29.96	40	S	5	r	29.88	+0.03	38	37	-4	SSE	7	r	8	r	42	37	0.23
	Stornoway ...	29.86	38	Z	0	o	29.77	+0.04	35	34	-7	N	2	o	3	o	43	31	0.02
	Wick ...	29.93	39	S	4	o	29.81	+0.00	39	38	-2	S	4	o	6	o	41	39	0.05
	Nairn ...	29.87	38	Z	0	o	29.79	+0.00	35	35	-6	Z	0	o	1	o	42	33	0.05
	Aberdeen ...	29.97	40	SSE	4	og	29.88	-0.02	38	36	-3	ESE	3	og	7	rm	42	38	0.26
SCANDINAVIA.	Leith ...	29.92	36	Z	0	r	29.87	-0.01	34	34	-4	SSE	1	o	#	r	38	33	0.15
	Shields ...	29.92	39	SSE	2	o	29.85	-0.04	37	35	-2	S	1	o	4	TO	39	34	0.04
	Spurn Head ...	29.87	37	ESE	4	o	29.88	-0.02	35	34	-2	S	2	o	3	o	37	34	-
	York ...	29.91	36	ESE	1	o	29.89	-0.04	34	33	-2	ESE	1	o	#	o	38	32	-
	Loughborough	29.85	34	E	2	o	29.85	-0.01	33	32	-2	ESE	2	og	#	o	36	32	-
BRITISH ISLANDS.	Ardrossan ...	29.88	39	NE	1	of	29.87	+0.01	35	35	-4	NNE	1	of	1	f	39	34	0.01
	Malin Head ...	29.85	36	S	2	om	29.82	+0.06	32	32	-5	SSW	2	bm	3	om	41	30	-
	Mullaghmore ...	29.86	37	ESE	4	am	29.84	+0.06	35	34	-2	ESE	4	om	2	om	40	34	-
	Belmullet ...	29.84	39	E	2	o	29.82	+0.06	38	38	-3	SSE	2	om	#	o	42	37	0.20
	Donaghadee ...	29.89	39	NW	1	f	29.85	+0.01	39	39	+5	NW	2	c	0	f	42	33	0.02
BRITISH ISLANDS.	Liverpool (Bidston)	29.88	34	ESE	1	S	29.87	+0.00	35	32	-3	ESE	12	o	2	Sf	43	32	0.18
	Holyhead ...	29.85	42	Z	0	og	29.83	-0.01	37	37	-4	Z	0	cw	0	om	44	35	-
	Parsonstown ...	29.82	37	Z	0	f	29.84	+0.04	35	34	-3	Z	0	f	#	f	43	31	-
	Valencia ...	29.75	46	NE	2	cg	29.74	+0.06	42	41	-3	NE	1	rg	1	cm	46	40	0.36
	Roche's Point	29.78	45	ESE	5	c	29.78	+0.01	42	42	-3	E	3	r	4	c	48	40	0.10
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.83	38	SE	2	f	29.79	-0.04	39	38	0	ESE	3	mq	2	f	42	36	-
	Scilly ...	29.75	48	SE	4	b	29.60	-19	46	46	0	SSE	3	r	4	b	52	44	0.23
	Prawle Point ...	29.83	43	E	1	o	29.80	-0.04	43	42	0	E	4	og	2	of	51	37	-
	Jersey (St. Aubin's)	29.83	47	NW	3	cm	29.80	-0.03	39	39	-6	Z	0	f	0	pc	48	35	0.13
	Hurst Castle ...	29.85	39	ESE	3	o	29.84	+0.02	37	37	-4	ESE	3	cm	2	do	41	37	0.04
BRITISH ISLANDS.	Dungeness ...	29.84	37	SE	2	c	29.93	+0.07	35	34	-1	ESE	2	b	2	c	39	34	-
	North Foreland	29.85	37	SE	3	c	29.87	+0.00	35	34	0	SE	2	og	2	c	37	34	-
	London ...	29.86	34	E	2	cm	29.86	+0.00	34	32	-2	SE	1	og	#	gc	38	32	-
	Oxford ...	29.86	34	E	1	og	29.87	+0.00	33	32	-3	ESE	1	og	#	og	38	33	-
	Cambridge ...	29.87	35	SE	1	o	29.88	+0.02	31	31	-3	SE	1	o	#	o	37	29	-
BRITISH ISLANDS.	Yarmouth ...	29.87	35	SE	4	og	29.88	-0.05	37	36	+1	SE	3	cg	4	og	37	34	-
	Cuxhaven ...	30.28	25	ESE	3	b	30.22	-10	18	17	-3	ESE	4	b	#	b	25	17	-
	Berlin ...	30.39	15	E	3	b	30.32	-11	12	12	0	E	3	b	#	b	19	12	-
	Wiesbaden ...	#	#	#	#	#	30.02	+0.03	23	22	-11	Z	0	b	#	*	36	?	-
	Munich ...	29.90	23	NE	4	b	29.92	+0.00	18	8	-14	ESE	4	b	#	b	32	10	-
BRITISH ISLANDS.	The Helder ...	30.02	29	E	2	b	30.01	-0.07	23	23	-3	ESE	2	b	2	b	29	23	-
	Brussels (9 a.m.)	#	#	#	#	#	29.92	-0.02	26	23	+1	ESE	1	b	#	b	33	25	-
	Cape Gris Nez	29.83	31	ESE	1	m	29.81	-0.03	30	28	-1	ESE	3	m	2	m	36	27	-
	Paris ...	29.87	30	NE	2	b	29.87	+0.00	23	23	-3	NE	1	b	#	b	36	22	-
	Brest ...	?	43	E	1	c	?	?	41	40	+3	E	3	o	5	c	46	36	-
FRANCE AND BELGIUM.	Lorient ...	29.84	44	Z	0	b	29.75	-0.07	38	38	-3	ESE	3	m	5	b	48	36	-
	Rochefort ...	29.82	44	NW	4	m	29.76	-0.03	42	42	-2	SE	3	f	#	m	46	41	-
	Belfort ...	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	-
	Lyons ...	29.90	27	E	1	b	29.92	+0.06	23	23	-2	E	1	f	#	b	34	21	-
	Nice ...	29.67	49	NE	4	bc	29.75	+14	45	39	-5	SW	1	b	4	bc	50	43	-
FRANCE AND BELGIUM.	Perpignan ...	29.77	51	NW	4	c	29.79	+0.09	42	41	-4	Z	0	b	#	c	54	41	-
	Biarritz ...	29.87	50	NW	3	r	29.73	-0.03	44	40	-6	S	3	c	3	r	52	39	0.32
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Lisbon ...	29.95	54	WSW	3	o	29.70	-29	53	51	+6	N	5	o	#	o	47	43	0.55

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, 20th January, 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:

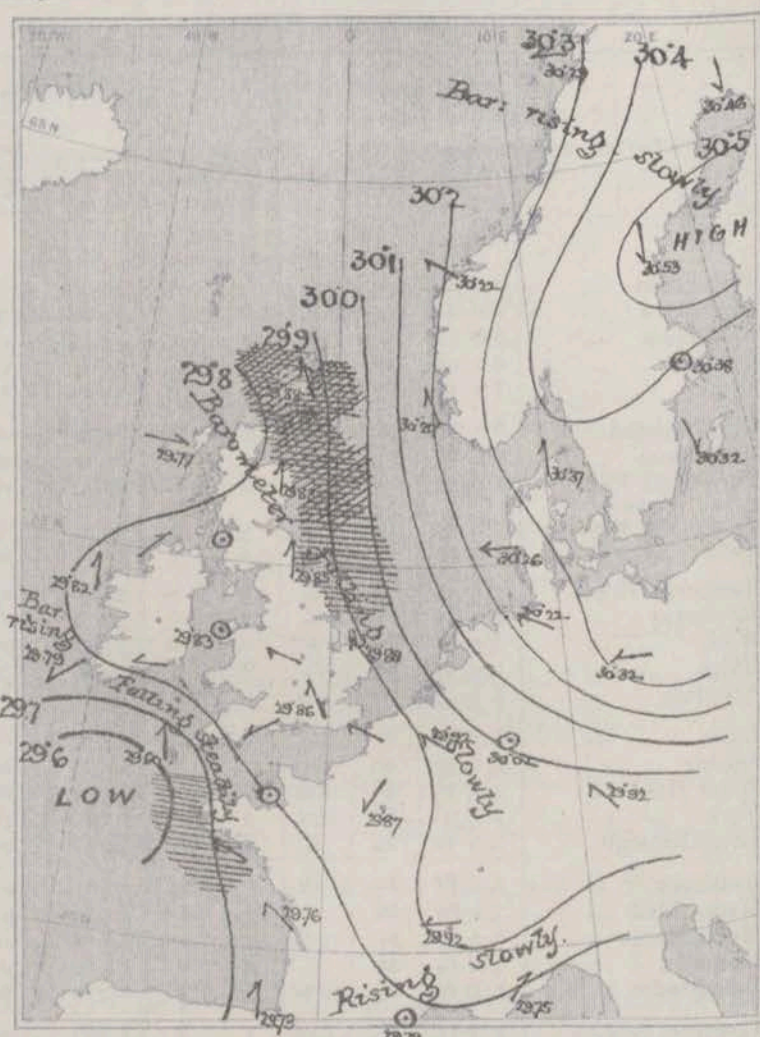
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.959
Prawle Point	30.006
Jersey	30.023
Harst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

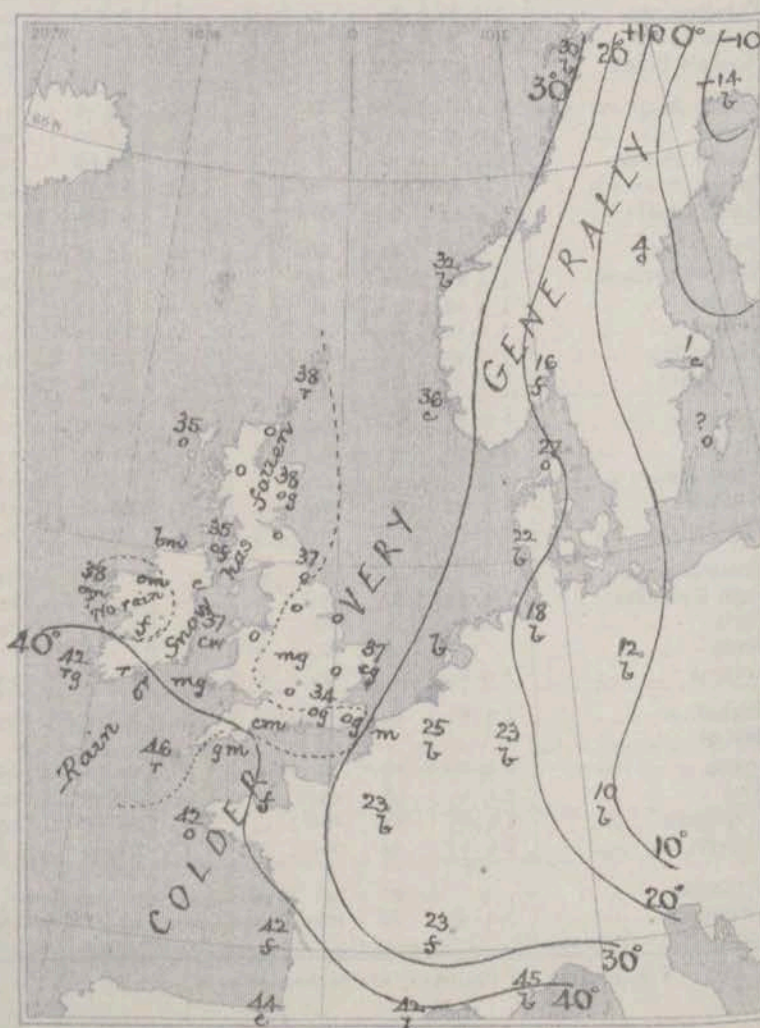
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.0	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.8	38.5	38.5	2.04
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	32.2	37.8	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head	41.7	34.5	37.7	36.7	1.35
York	42.7	32.6	36.7	36.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	1.38
Donaghadee	44.4	36.1	40.0	39.2	2.68
Holyhead	43.6	38.7	41.7	40.3	3.36
Liverpool	43.8	35.2	38.6	37.6	3.22
Parsonstown	45.6	34.3	38.9	37.8	5.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	43.5	39.6	42.7	41.3	3.75
Scilly	48.8	42.9	45.4	44.0	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	49.8	38.3	41.8	40.4	3.21
Harst Castle	45.0	36.3	40.3	39.3	2.34
Dover	43.5	35.8	39.2	38.1	2.59
LONDON	44.1	33.8	37.6	36.6	2.19
Oxford	43.1	33.6	37.1	36.1	2.25
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.4 in. to 30.5 in. and upwards in an anticyclone lying over Sweden.
Lowest 29.6 in. and less in a small depression lying near the mouth of the Channel.

TEMPERATURE

Gradients moderate over the North Sea and also over the extreme south-west of England, but slight elsewhere.
Barometer rising over the northern parts of Scandinavia as well as in the south-east of England and the south of France, but falling elsewhere, - rather decidedly at the mouth of the Channel.
Highest 53° at ^{at station} Scilly, 45° at Nice, 44° at Biarritz, 43° at Prætor Point and 42° at Velence Island, ^{and Brest} Rocher Point.
Lowest -14° at Haparanda, +1° at Stockholm, 4° at Helsingfors, 10° at Munich, 12° at Berlin + 16° at London.
 The maxima registered yesterday were below 40° in many parts of England, but above 40° on our extreme sea coasts.

WIND

Light or moderate from the S.E. over the greater part of our islands, as well as over Germany, the Netherlands and the eastern shores of the North Sea.
 Light from the S. in the south of France; N. in Sweden.

WEATHER

bull over our islands and the west of France, with rain in the south of Ireland and the south-west of England, as well as in the Shetlands.
 Fine at most of the Continental stations.
 Rain & sleet fell yesterday in many parts of Great Britain, and a little drizzle in London early this morning.

SEA

Very high at Lumburgh Head, rough or high off the north & east of Scotland generally, and rather rough off the northwest of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small depression which is forming near the mouth of the Channel seems likely to move northwards and will probably occasion snow in many parts of England.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

S.E. winds, freshening; dull, some snow or sleet showers.

E. to S.E. or S.W. winds; unsettled, some snow or sleet.

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

E. winds, light or moderate; dull, some snow.

S.E. to S.W. winds, increasing in force; dull, rainy.

E. winds, freshening; dull, some rain or sleet.

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 ...	30.30	37	32	SE	8	0	5	Valencia ...	29.75	45	44	NW	4	rm	4
Sumburgh Head ...	29.93	41	41	S	5	r	7	Scilly ...	29.77	51	48	ESE	2	b	4
Stornoway ...	29.82	43	43	SW	4	0	4	Jersey ...	29.81	48	48	WNW	3	op	3
Aberdeen ...	29.95	39	38	S	2	ogmt	8	Hurst Castle ...	29.83	40	40	ESE	3	adm	2
Shields ...	29.92	38	36	SSE	3	0	5	Dungeness ...	29.84	38	37	SSE	2	bc	2
Ardrossan ...	29.88	39	39	NE	1	of	1	North Foreland ...	29.86	37	35	SE	3	c	4
Malin Head ...	29.83	41	39	S	2	b	2	London ...	29.85	38	37	ESE	1	om	5
Mullaghmore ...	29.83	39	38	ESE	4	om	3	Yarmouth ...	29.90	36	35	SE	4	og	5
Belmullet ...	29.83	42	41	NNE	3	0	7	Rocheport ...	29.80	45	45	WNW	3	m	2
Holyhead ...	29.85	43	43	Z	0	om	0								

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

Weather in morning fine over the east of France, northwestern, western and southern Germany, as well as over the northern parts of Scandinavia, cloudy or overcast in most other places and very unsettled over the Mediterranean. Rain falling at several of our northern and northwestern stations, at Biarritz, and on some parts of the Mediterranean coast. Rain later over all the northern, western, and southwestern parts of our islands, and 0.3 in. at Biarritz - none at Perpignan nor Nice.

Temperature in morning 60° at Malta and succeeding 50° on the southern and eastern shores of the Mediterranean and Adriatic generally; succeeding 40° over Southern Europe generally and on the entire northern, western and southwestern coasts of the British Islands, much lower elsewhere. Lowest (1) -7° at Haparanda, -1° at Kuopio and St. Petersburg, +2° at Helsinki and Hangö, 5° at Helsingfors; (2) 7° at Breslau, 8° at Cracow, 11° to 17° over Southeastern Europe and the south of Russia; (3) 21° to 25° over western Germany and the east of France, 26° at the Helder. Not reaching 40° over the midland and eastern parts of England later, but ascending 50° on an extreme southwestern coast, and in the south of France.

Wind very variable. Anticyclonic over Scandinavia, Russia, eastern Germany and Austria-Hungary; SE over the United Kingdom as a whole - moderate to fresh in the east, light and variable in the west, mainly E over France. A well marked cyclonic circulation of strong winds prevalent over the Mediterranean - strong SE on the Algerian coast, NE in the south of France.

Barometer. Highest 30.5 in. and more to 30.1 in. in a large anticyclone covering Scandinavia, the Baltic, the western half of Russia, Germany and Austria, lowest 29.8 in. and less over Ireland and off our southwestern coast; 29.6 in. and less in a large depression over the Mediterranean, and 29.9 in. and less over northeastern Russia. Rising over Scotland later, little change elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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DAILY WEATHER REPORT

for Thursday, 21st January, 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.	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).		Weather.	Max.	Min.							
	In.	°				In.	"	"	"	"	"	"	"	"	"	"	Ins.						
SCANDINAVIA.	Haparanda ...	30.40	-7	?	2	6	30.39	-0.7	-7	-7	NE	2	0	*	6	?	-1.7	—					
	Hernösand ...	30.43	0	2	0	6	30.39	-1.4	-4	-4	N	2	0	*	6	12	-4	—					
	Stockholm ...	30.35	22	NE	2	0	30.28	-1.0	20	19	+	19	2	0	*	23	0	—					
	Widby ...	30.26	28	ENE	4	0	30.23	-0.9	28	27	E	4	0	*	30	19	—						
	Bodö ...	30.22	28	ENE	2	6	30.03	-2.6	28	24	-2	ENE	5	6	3	30	28	—					
SCANDINAVIA.	Christiansund...	30.06	36	ENE	3	6	29.97	-2.5	31	30	-1	ENE	4	2	3	36	28	—					
	Skudesnaes ...	30.15	34	S	8	6	30.04	-1.6	32	28	-4	ENE	7	0	5	36	32	—					
	Christiania Fjord (Fæder)	30.38	8	NNE	3	f	30.28	-1.3	7	7	+1	NNE	2	f	1	?	7	—					
	Skagen (The Scaw)	30.30	19	E	1	0	30.24	-1.9	17	16	-10	SE	3	0	1	0	14	—					
	Fanö ...	30.21	21	E	6	6	30.17	-0.9	21	21	-1	SE	6	0	*	27	19	—					
BRITISH ISLANDS.	Sumburgh Head	29.82	30	ENE	3	0	29.69	-1.9	40	40	+2	ENE	4	0	6	40	37	0.06					
	Stornoway ...	29.86	35	2	0	6	29.82	-2.5	40	40	+5	SW	8	0	6	41	32	—					
	Wick ...	29.87	37	S	1	6	29.66	-1.8	39	37	0	SW	2	6	5	41	34	—					
	Nairn ...	29.87	32	2	0	6	29.68	-1.1	35	34	0	WNW	2	0	1	37	27	—					
	Aberdeen ...	29.83	38	S	2	ogm	29.81	-0.7	39	32	-5	S	3	cm	4	37	26	—					
BRITISH ISLANDS.	Leith ...	29.85	36	W	1	0	29.85	-0.2	30	30	-4	SW	1	m	*	37	29	—					
	Shields ...	29.85	36	2	0	om	29.80	+0.5	31	30	-6	SW	2	f	3	37	29	—					
	Spurn Head ...	29.84	37	2	0	om	29.84	+0.6	35	34	0	SW	2	om	2	37	34	—					
	York ...	29.85	36	SE	1	0	29.80	+0.6	32	32	-2	SE	1	0	*	36	28	0.01					
	Loughborough	29.82	35	E	1	0	29.86	+1.1	31	31	-2	WNW	1	ogm	*	36	31	—					
BRITISH ISLANDS.	Ardrossan ...	29.86	37	NE	1	of	29.81	-0.6	40	38	+5	ENE	4	om	3	40	34	—					
	Malin Head ...	29.81	36	SW	2	om	29.64	-1.8	35	35	+3	S	5	omg	3	36	32	—					
	Mullaghmore ...	29.85	36	S	1	mo	29.70	-1.4	37	36	+2	ENE	5	0	6	37	31	—					
	Belmullet ...	29.86	39	S	2	0	29.87	-2.4	43	40	+5	SW	8	0	*	43	38	0.08					
	Donaghadee ...	29.86	39	S	1	f	29.85	0.0	38	37	-1	SW	2	2	1	41	38	—					
BRITISH ISLANDS.	Liverpool (Bidston)	29.85	35	ENE	1	0	29.84	+0.7	32	32	-1	SE	3	of	3	36	32	—					
	Holyhead ...	29.89	37	E	2	omg	29.81	+0.8	37	37	0	SW	1	6	1	40	37	—					
	Parsonstown ...	29.85	37	2	0	0	29.82	-0.2	38	37	+3	NE	1	0	*	39	34	—					
	Valencia ...	29.86	39	NE	2	6	29.84	+0.5	45	42	+3	S	4	cu	4	45	38	0.09					
	Roche's Point	29.81	40	ENE	4	f	29.88	+1.0	45	44	+3	SW	5	c	4	45	38	0.65					
GERMANY & HOLLAND.	Pembroke (St. Ann's Hd.)	29.89	40	E	2	m	29.84	+1.5	37	37	0	SE	3	om	2	41	35	—					
	Scilly ...	29.86	46	E	4	cp	29.88	+2.3	40	40	-6	E	1	6	5	47	35	0.13					
	Prawle Point ...	29.86	41	ENE	2	0	29.88	+1.8	33	33	-10	NW	2	om	2	48	32	—					
	Jersey (St. Aubin's)	29.83	43	ENE	3	om	29.84	+1.4	40	38	+1	ENE	1	cm	1	46	38	0.02					
	Hurst Castle ...	29.89	38	ENE	4	m	29.87	+1.3	34	34	-3	NE	3	m	1	41	33	—					
GERMANY & HOLLAND.	Dungeness ...	29.87	37	ENE	4	m	29.85	+0.2	32	30	-3	ENE	3	c	2	40	31	—					
	North Foreland	29.80	37	ENE	3	6	29.88	+0.8	33	30	-2	SE	3	af	3	37	32	—					
	London ...	29.89	38	SE	1	om	29.87	+1.1	32	31	-2	SE	1	6	*	39	30	—					
	Oxford ...	29.86	33	ENE	4	0	30.00	+1.9	31	31	-2	ENE	1	ogf	*	38	31	0.01					
	Cambridge ...	29.87	38	SE	1	c	29.86	+0.8	31	31	0	SW	1	6	*	38	31	—					
GERMANY & HOLLAND.	Yarmouth ...	29.82	37	E	3	c	29.85	+0.7	35	33	-2	E	3	6	3	38	32	—					
	Cuxhaven ...	30.20	23	ENE	3	m	30.16	-0.6	16	15	-2	SE	3	f	*	28	14	—					
	Berlin ...	30.26	14	ENE	3	6	30.24	-0.8	9	9	-3	ENE	3	6	*	28	14	—					
	Wiesbaden ...	#	#	#	#	#	30.12	+1.0	16	15	-7	NE	2	6	*	30	14	—					
	Munich ...	29.86	12	E	3	6	30.08	+1.6	-3	-3	-13	ENE	2	6	*	21	-3	—					
GERMANY & HOLLAND.	The Helder ...	30.04	24	ENE	2	6	30.08	+0.7	21	20	-2	ENE	1	6	*	27	19	—					
	Brussels (8 a.m.)	#	#	#	#	#	30.04	+1.2	19	17	-7	2	0	c	*	6	17	—					
	Cape Gris Nez	29.47	30	ENE	2	m	?	?	26	25	-4	ENE	3	m	2	36	25	—					
	Paris ...	29.88	29	NE	2	6	29.87	+1.0	23	22	0	ENE	2	0	*	36	22	—					
	Brest ...	?	42	E	1	0	?	?	41	40	0	E	3	6	3	45	39	0.08					
FRANCE AND BELGIUM.	Lorient ...	29.70	44	ENE	4	0	29.80	+1.5	42	39	+4	ENE	2	0	3	45	37	—					
	Rochefort ...	29.87	45	SE	3	0	29.83	+0.7	48	47	+6	SE	4	7	*	48	37	—					
	Belfort ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	Lyons ...	29.81	27	NE	1	f	30.00	+0.8	26	26	+3	N	?	f	*	28	26	—					
	Nice ...	29.78	46	SW	2	c	29.89	+1.8	41	38	-4	SW	2	f	3	32	41	—					
FRANCE AND BELGIUM.	Perpignan ...	29.75	48	SE	2	6	29.87	+0.8	35	35	-7	W	2	6	*	53	35	—					
	Biarritz ...	29.87	53	ENE	3	0	29.71	-0.2	47	45	+3	SE	3	0	2	53	44	—					
	Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#					
	Lisbon ...	29.76	50	NW	5	0	29.83	-1.5	51	50	-2	NW	3	0	*	52	46	0.43					

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 Thursday, 21st January, 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.

→ land calm.

SEA DISTURBANCE—Where considerable, is shown thus:

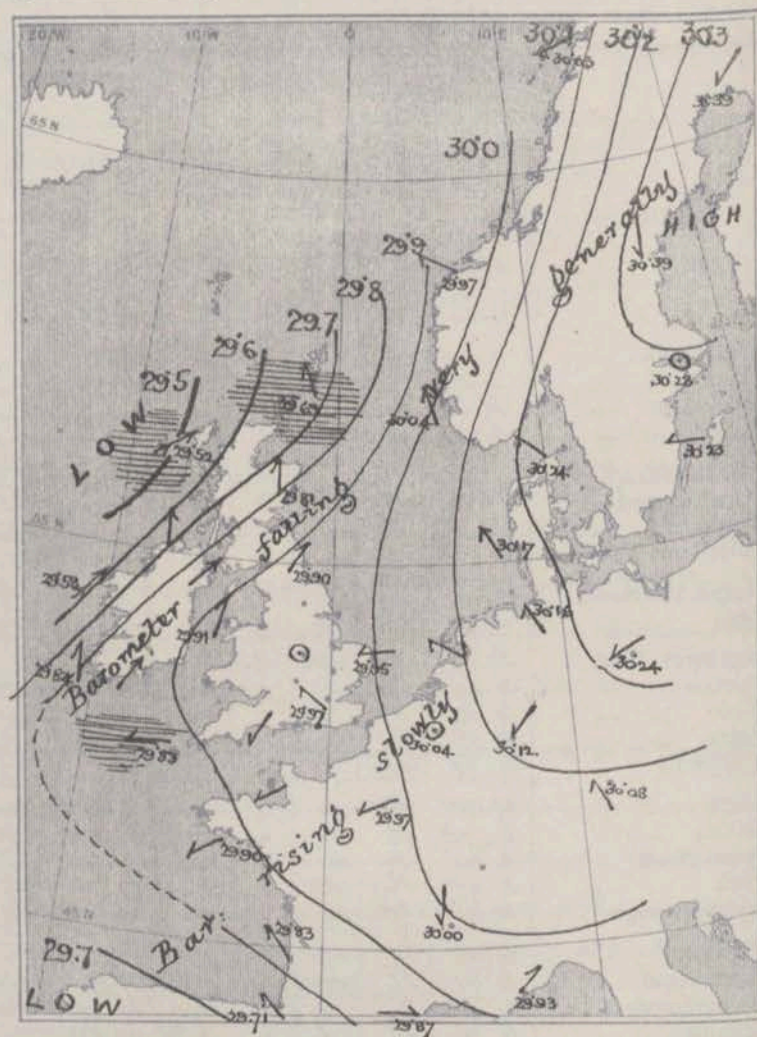
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head.....	29.675
Stornoway.....	29.682
Wick.....	29.719
Nairn.....	29.745
Aberdeen.....	29.787
Leith.....	29.825
Shields.....	29.881
Spurn Head.....	29.926
York.....	29.932
Loughborough.....	29.967
Ardrossan.....	29.833
Mullaghmore.....	29.817
Donaghadee.....	29.866
Holyhead.....	29.902
Liverpool.....	29.924
Parsonstown.....	29.895
Valencia.....	29.887
Roche's Point.....	29.903
Pembroke.....	29.936
Scilly.....	29.969
Prawle Point.....	30.006
Jersey.....	30.022
Hurst Castle.....	30.002
Dover.....	30.012
LONDON.....	30.006
Oxford.....	29.999
Cambridge.....	29.993
Yarmouth.....	29.979



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.

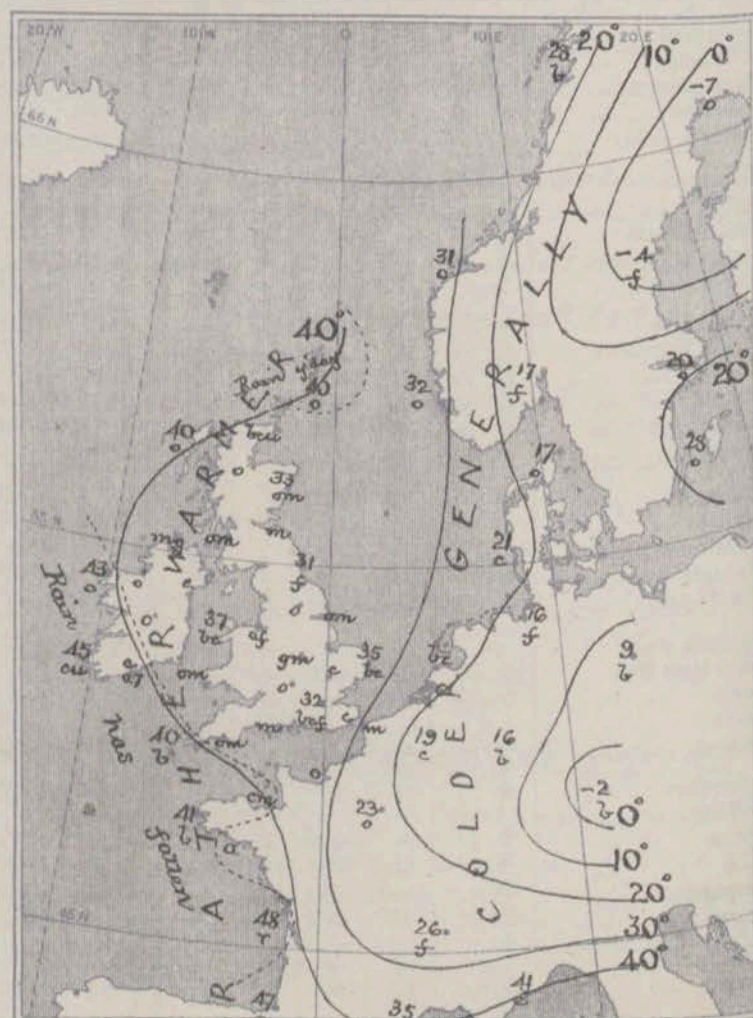
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.6	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.5	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.76
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.6	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.16
Donaghadee.....	44.4	35.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.6	2.11
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins: and upwards, in an anticyclone lying over the Gulf of Bothnia.
 Lowest, 29.5 ins: and less, in a depression lying off the Hebrides; 29.6 ins: and less, in another disturbance lying over Spain.
 Gradients rather steep over the extreme northwest of our Islands, but slight elsewhere.
 Barometer rising over France, the Netherlands, and the southern parts of the United Kingdom, but falling elsewhere, - most on our extreme northwest coasts.

TEMPERATURE

Highest, 51° at Leiden, 48° at Rochefort, 47° at Liverpool, 45° at Valencia Island and Rock Point, and 43° at Belmullet.
 Lowest (1) - 7° F at Haparanda, - 4° at Helsingfors and 17° at London and Skagen; (2) - 3° at Munich, + 3° at Berlin, 16° at Wiesbaden and 19° at Karlsruhe.
 The maxima registered yesterday were below 40° in many parts of our Islands, but above 45° on our southwest coasts.

WIND

S³ or SW³ in Ireland and Scotland; strong in the far west, with a gale at Stromsøy and Belmullet.
 Light from the E² or SE² over England and France; strong from SE. on the eastern shores of the North Sea.
 Calm or light N¹ in Sweden.

WEATHER

Dull over the greater part of Western Europe, with fog or mist in several parts of the United Kingdom, foggy also at Helsingfors, London, and Copenhagen.
 Fine on the southeast coasts of England, as well as over Germany and the Netherlands.
 Showers fell yesterday in isolated parts of the United Kingdom; at Rock Point the amount of rain measured this morning was as much as 0.7 in:

SEA

Rough on our extreme north and northwest coasts, and rather rough at Seilly, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions which are beginning to skirt our extreme northwest coasts are likely to occasion a considerable increase of wind over Ireland and Scotland, with gales in places. The weather over England is scarcely likely to be affected much just at present.

FORECASTS

For the 24 hours ending at NOON on 22nd Jan^y 1892.

DISTRICTS.

FORECASTS.

0	SCOTLAND NORTH	S ² winds, increasing in force, a gale in places, unsettled, some rain
1	SCOTLAND EAST	
2	ENGLAND N.E.	S ² winds, light or moderate; fair generally, but local fogs.
3	ENGLAND EAST	E ² and SE ² winds, light; fair in places, but mostly foggy.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.

FORECASTS.

6	SCOTLAND WEST	Same as No 0 and 1.
7	ENGLAND N.W.	S ² winds, freshening; fair to dull and some rain.
8	ENGLAND S.W.	SE ² and S ² winds, moderate; fair generally.
9	IRELAND NORTH	S ² and SW ² strong winds or gales; squally some rain.
10	IRELAND SOUTH	S ² winds, increasing in force; fair to dull and some rain.
WARNINGS		Orders were issued at 10 am. to hoist the south cone in districts 0.6. and parts of 1 and 9.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudesnaes ...	29.16	35	31	8	1	c	5	Valencia ...	29.87	42	40	E	2	c	1
Sumburgh Head ...	29.85	40	35	SE	5	o	7	Scilly ...	29.74	44	46	SE	4	c	5
Stornoway ...	29.77	41	41	SE	8	be	3	Jersey ...	29.75	43	42	E	3	o m	2
Aberdeen ...	29.91	38	36	SE	1	omg	6	Hurst Castle ...	29.84	39	38	E	3	be	2
Shields ...	29.90	36	34	8	2	o	4	Dungeness ...	29.83	40	38	SE	3	be	2
Ardrossan ...	29.90	37	36	NE	1	of	1	North Foreland ...	29.87	37	36	SE	2	be	2
Malin Head ...	29.86	34	33	8	3	om	2	London ...	29.87	39	36	SE	1	m	4
Mullaghmore ...	29.87	35	34	2	0	om	2	Yarmouth ...	29.87	38	37	E	2	be	4
Belmullet ...	29.85	40	40	SE	2	o	4	Rochefort ...	29.68	47	46	SE	3	o	?
Holyhead ...	29.86	40	39	E	2	c	1								

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

Weather in morning very quiet and fair over northern, central, and southeastern Europe, and at many of the stations clear and bright — especially over Austria and eastern Germany, less fair over northeastern and central Russia on the one hand and over the Bay of Biscay and southwest of our Islands on the other; snow reported at St. Petersburg. Some rain later at some of the western and northern stations and slight snow at Oxford and Windsor.

Temperature fallen somewhat in most places, but risen over Finland and the west of Lapland. Morning readings exceeding 50° on the Portuguese and Algerian coast, at Malta, and at Brindisi, exceeding 40° at the other Mediterranean stations, and also in the extreme southwest of our Islands. Lowest — 14° at Haparanda, 7° at Hangö, +1° at Stockholm, 4° at Helsingfors, (2) 3° at Moscow, 7° at Warsaw and Barcelona, 8° at Kiev, 11° at Lemberg, 13° at Odessa; (3) 5° at Vienna, 10° at Munich, 12° at Berlin, 23° at Paris. It was above the freezing point over Great Britain generally. Rising later to between 40° and 45° in the west and southwest of our Islands, and exceeding 50° in the southwest and south of France, but failing to reach 40° over the greater part of England.

Wind light and anticyclonic over northern and central Europe; light to moderate (and rather variable) from the SE. over the United Kingdom; S. in the north of Spain, E. over Brittany. E. over central and southeastern Europe also and blowing hard over the northern parts of the Adriatic, N. over Italy, NW. to W. over Tunis and Malta. Becoming still more variable over our Islands later, and remaining light in force; veering to the W. and NW. over Portugal.

Barometer highest 30.5 ins. to 30.2 ins. in a complete anticyclone covering Scandinavia, the Baltic, central, and southeastern Europe, and exceeding 30.0 ins. over Algeria. Lowest 29.5 ins. and less, in a low pressure area spreading eastwards over the Bay of Biscay; 29.6 ins. and less, in another large irregularly formed system over the eastern parts of the Mediterranean, and below 30.1 ins. over northern Russia. Rising sharply over Ireland later, and slightly 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 Friday, 22nd January.

1892.

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

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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, 22nd Jan^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:

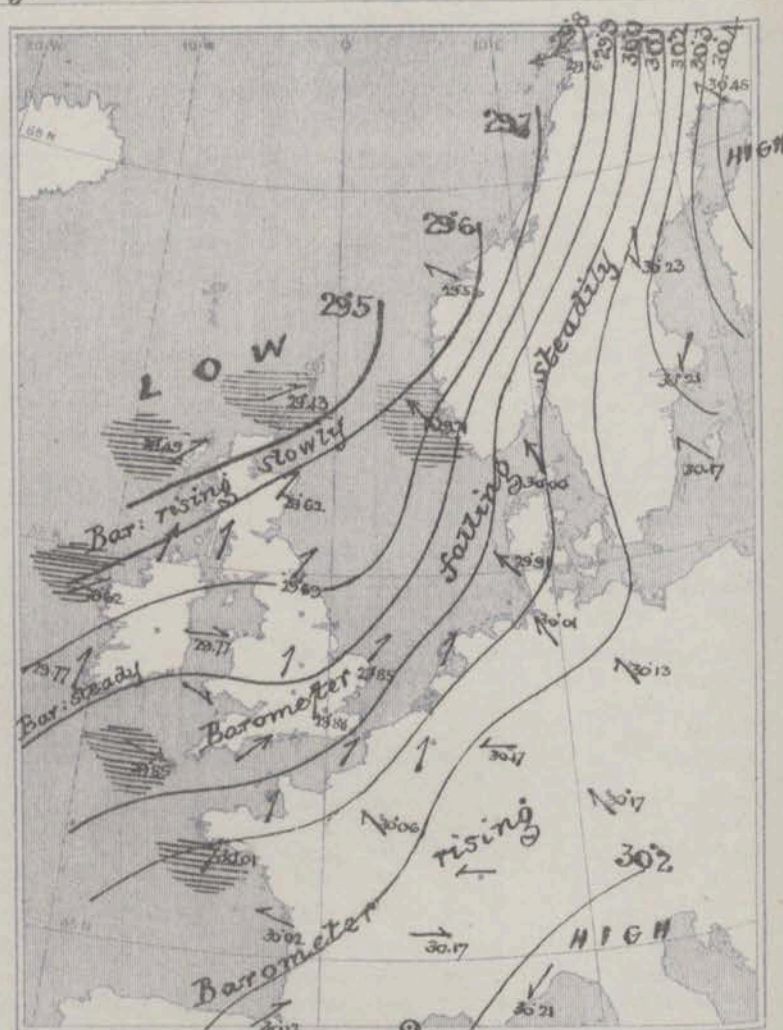
→ Rough. → High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head.....	29.675
Stornoway.....	29.682
Wick.....	29.719
Nairn.....	29.745
Aberdeen.....	29.787
Leith.....	29.825
Shields.....	29.881
Saun Head.....	29.926
York.....	29.932
Loughborough.....	29.967
Ardrossan.....	29.838
Mullaghmore.....	29.817
Donaghadee.....	29.858
Holyhead.....	29.902
Liverpool.....	29.924
Parsonstown.....	29.895
Valencia.....	29.887
Roche's Point.....	29.908
Pembroke.....	29.936
Scilly.....	29.969
Prawle Point.....	30.006
Jersey.....	30.022
Hurst Castle.....	30.002
Dover.....	30.012
LONDON.....	30.006
Oxford.....	29.999
Cambridge.....	29.993
Yarmouth.....	29.979



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.

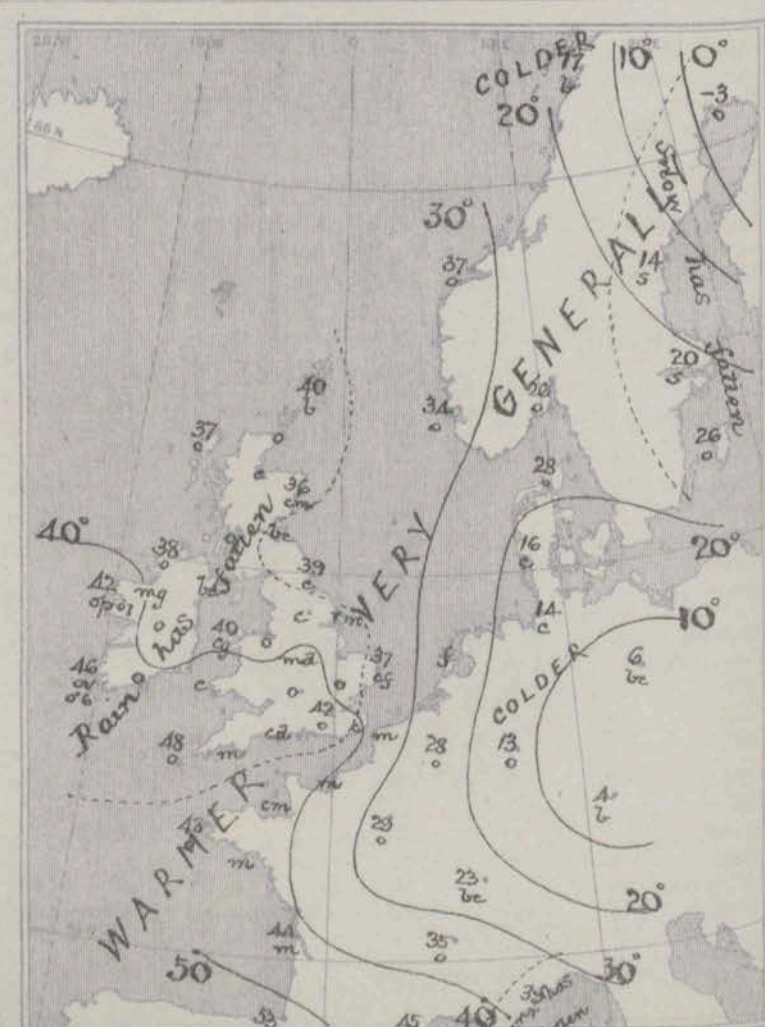
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Saun Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	38.7	36.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	4.36
Donaghadee.....	44.4	35.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.13
Valencia.....	49.6	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.6	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Scilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point.....	46.2	37.0	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.05

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in: and upwards, in the north of Sweden; 30.1 in: and upwards in the extreme south of France.
 Lowest, 29.5 in: and less, in a depression lying off the north of Scotland.

Gradients slight generally, but steep over Scandinavia.

Barometer rising at many of our western and northern stations, but inclined to fall again in the west of Ireland.

TEMPERATURE

Highest, 53° at Biarritz, 48° at Sally, and 47° at Havelburg, and 46° at Valencia Island, Hunt Castle, and Lisbon.

Lowest, (1) - 3° Fahr at Haparanda, + 14° at Helsingfors, 17° at Stockholm; (2) 4° at Munich, 5° at Berlin, and 13° at Vientiane.

A considerable rise of temperature has taken place over England.

WIND

Light to moderate from the Snd or S.Wnd over the greater part of our Islands, but N.Wnd in the extreme southwest of England.

Strong from the S.End on the eastern shores of the North Sea, with a slight gale in the west of Norway; light from the same quarter in Germany. Variable in France.
 A fresh to whole gale from the Snd was experienced yesterday on our extreme western and northern coast.

WEATHER

Cloudy or overcast in most parts of Western Europe, with slight rain at some of the English stations, and with snow in Sweden.
 Fine in Germany and also in the north of Norway.

Since yesterday morning rain has fallen in many part of the United Kingdom, the largest amounts being 0.7 in: at Edinburgh and 0.6 in: at Valencia Is.

SEA

Rough on our extreme north and northwest coast, and rather rough at Sally and Lisieux, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The tendency in the barometer to fall again in the west of Ireland coupled with the backing of the wind seems to indicate the advance of another depression from the Atlantic, but at present the new system lies at a considerable distance from our shores.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

SW^{ly} winds, light, to S^{ly}, fresh or strong;
 fair to dull and some rain.

Same as N^o 5.

SW^{ly} 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

Same as N^{os} 0 and 1.

W^{ly} winds, moderate, to S^{ly}, strong;
 fair to dull and some rain.

S^{ly} winds, increasing in force; dull,
 some rain.

WARNINGS.

The SOUTH CONE is still flying in
 districts 0.1.6.7.9.10. and part of 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.	P.	WEA	SEA		BAR.	THER.		WIND. Direc.	P.	WEA	SEA
		Dry.	Wet.							Dry.	Wet.				
Skudeanaes ...	29. 55	24	21	SE	7	0	5	Valencia ...	29. 61	47	46	SE	4	7 m	2
Sumburgh Head ...	29. 52	40	39	SE	6	0	7	Scilly ...	29. 56	48	46	SE	4	6c	3
Stornoway ...	29. 25	39	38	SE	10	0	7	Jersey ...	29. 52	45	41	E	3	6c	3
Aberdeen ...	29. 64	36	34	SE	4	0	5	Hurst Castle ...							
Shields ...	29. 77	24	22	SE	2	0	2	Dungeness ...	29. 54	3	25	SE	2	6c	1
Ardrossan ...	29. 59	43	42	SSW	5	0	4	North Foreland ...	29. 90	35	34	SSE	3	6	3
Malin Head ...	29. 34	38	38	S	7	0	6	London ...	29. 53	2	35	SE	0	of	*
Mullaghmore ...	29. 40	40	39	SE	8	0	6	Yarmouth ...	29. 51	36	33	SE	3	of	*
Belmullet ...	29. 42	42	41	SE	8	0	6	Rocheport ...	29. 50	46	44	ENE	3	0	*
Holyhead ...	29. 77	41	40	SE	4	0	3								

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

Weather in morning fine and bright over Austria, Germany, Italy, and several parts of France, but foggy in several localities, cloudy or overcast in most other places, and changing to an unsettled squally condition in the extreme west. Rain later over the United Kingdom as a whole — heaviest (0.6 in. to 0.7 in.) in the west of Ireland, some snow over Sweden.

Temperature increasing at the Irish stations, but falling over the Continent and southern half of England. Morning readings exceeding 50° on the southern side of the Mediterranean and on the Portuguese coast, and touching 40° or rather higher in the Shetland, Orkney, the extreme west of Ireland, and the Scilly Islands, lower elsewhere. Frost prevalent over England and hard frost over northern, eastern, and central Europe. Lowest values (1) -12° at Archangel, -7° to zero F. over the northern parts of Sweden, +7° at Krasnoyarsk, 9° to 13° over the Gulf of Finland and northern half of Russia, (2) +4° at Prague and Kharkov, 5° at Warsaw, 7° at Riga and Kiew, (3) 13° at Brussels, 23° at Paris, 31° at Oxford, Cambridge, and Loughborough. Rising decidedly over the United Kingdom later, and exceeding 40° in nearly all places.

Wind very light and variable (anticyclonic) over the Continent as a whole. Strong and cyclonic (but mainly N.W.) over Italy and the eastern parts of the Mediterranean, moderate E. over the Bay of Biscay, and strong to a gale from S.W. and S. at the western Irish stations and Stornoway. Blowing a strong gale in the western parts of Ireland and Scotland also.

Barometer highest 30.4 in. and more to 30.2 in. in an anticyclone stretching from northern Europe across the Baltic and Germany to Austria-Hungary. Lowest about 29.5 in. off our extreme northwestern coast and apparently over the Spanish Peninsula also, 29.8 in. over France and the southeast of Italy and 30.0 in. and less over Central Russia. Falling decidedly on our northwestern and western coasts all day, and fall spreading eastwards somewhat.

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 SATURDAY 23RD JANUARY. 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. Reading at 32° F. and Sea Level.	TEMP. Dry Bulb.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			Dir.	Force (10 to 12).		Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in 24 hours (since Yesterday).	Dir.	Force (10 to 12).		Weather.	Max.		Min.		
Inch.	°				Inch.		°	°	°							Inch.			
SCANDINAVIA.																			
Haparanda ...	20.09	-17	2	0	6	20.44	-0.1	-19	-20	-16	2	0	6	*	6	?	—		
Hernösand ...	20.15	23	SE	9	0	20.20	-0.3	24	24	+10	SE	6	0	*	0	0	0.025		
Stockholm ...	20.15	25	SE	6	0	20.15	-0.6	24	22	+4	SE	4	0	*	0	27	16		
Wishy ...	20.12	24	SE	4	0	20.12	-0.5	21	19	-5	SE	4	0	*	0	30	?		
Bodö ...	20.12	15	ENE	8	6	20.14	+0.1	18	15	+1	ENE	8	0	4	6	18	12		
Christiansund...	20.63	36	0	6	0	20.71	+1.5	35	34	-2	ENE	5	0	3	0	?	34		
Skudesnaes ...	20.72	36	ENE	4	0	20.86	+1.5	36	32	+2	ENE	4	0	4	0	39	34		
Christiania Fjord (Fæder)	20.90	27	ENE	6	0	20.91	-1.1	27	25	+1	ENE	4	0	3	0	28	26		
Skagen (The Seaw)	20.77	28	0	5	0	20.84	-1.6	28	28	0	E	4	0	3	0	30	27		
Fanö ...	20.72	31	ENE	6	0	20.74	-1.7	33	33	+1	NW	5	0	*	0	34	16		
Sumburgh Head	20.53	41	WNW	1	0	20.61	+1.5	40	39	0	WNW	1	6	4	0	42	38		
Stornoway ...	20.52	37	W	4	0	20.63	+1.8	40	40	+3	WNW	4	7	4	0	41	33		
Wick ...	20.58	35	0	2	0	20.71	+2.0	37	36	+1	W	1	6	2	0	38	34		
Nairn ...	20.61	38	W	1	0	20.72	+2.0	38	38	-2	WNW	1	6	1	0	40	31		
Aberdeen ...	20.66	38	0	1	0	20.81	+1.9	38	37	-6	W	1	6	3	0	39	30		
Leith ...	20.70	40	WNW	1	0	20.82	+1.5	38	38	-4	2	0	6	*	0	42	32		
Shields ...	20.70	40	WNW	1	0	20.86	+1.7	38	38	-4	WNW	1	6	2	0	41	32		
Spurn Head ...	20.78	36	WNW	3	0	20.90	+1.4	36	36	-2	ENE	2	0	2	0	38	34		
York ...	20.78	37	W	1	0	20.92	+1.7	36	36	0	2	0	6	*	0	40	32		
Loughborough	20.82	38	WNW	2	0	20.88	+1.3	41	41	0	ENE	1	0	6	*	0	43	38	
BRITISH ISLANDS.																			
Ardrossan ...	20.70	42	WNW	3	0	20.82	+1.5	41	40	-1	ENE	2	0	2	0	43	37		
Malin Head ...	20.64	40	WNW	4	0	20.74	+1.4	40	39	+2	WNW	4	0	3	0	42	37		
Mullaghmore ...	20.67	43	E	1	0	20.78	+1.3	43	42	+3	WNW	4	0	4	0	43	38		
Belmullet ...	20.67	44	WNW	2	0	20.70	+0.8	43	42	+1	WNW	5	0	*	0	44	37		
Donaghadee ...	20.73	40	WNW	3	0	20.84	+1.1	39	39	+4	WNW	2	0	2	0	41	35		
Liverpool (Bidston)	20.82	41	WNW	1	0	20.88	+1.1	41	40	+2	ENE	2	0	2	0	42	38		
Holyhead ...	20.78	42	WNW	2	0	20.84	+1.0	40	40	+5	WNW	2	0	3	0	43	37		
Parsonstown ...	20.66	46	2	0	0	20.82	+1.1	41	40	+5	2	0	0	0	0	43	35		
Valencia ...	20.71	51	WNW	5	0	20.82	+1.0	47	46	+1	ENE	2	0	2	0	52	42		
Roche's Point	20.73	46	WNW	4	0	20.90	+1.0	42	40	-2	W	1	6	3	0	47	41		
Pembroke (St. Ann's Hd.)	20.71	45	WNW	4	0	20.82	+0.8	45	45	+1	WNW	4	0	4	0	48	42		
Scilly ...	20.85	45	WNW	5	0	20.97	+1.2	45	45	+1	W	5	0	5	0	51	47		
Prawle Point ...	20.93	47	WNW	3	0	20.95	+1.3	48	48	+1	WNW	3	0	2	0	48	45		
Jersey (St. Aubin's)	20.98	47	W	2	0	20.95	+0.8	48	47	+3	WNW	2	0	3	0	48	44		
Hurst Castle ...	20.93	44	WNW	4	0	20.90	+1.1	45	45	-1	WNW	4	0	2	0	46	44		
Dungeness ...	20.85	45	WNW	6	0	20.95	+0.5	45	45	+2	WNW	5	0	4	0	47	41		
North Foreland	20.85	43	WNW	4	0	20.96	+0.6	45	45	+5	WNW	1	6	2	0	45	39		
London ...	20.82	42	WNW	2	0	20.97	+0.5	46	45	+4	WNW	1	6	2	0	48	40		
Oxford ...	20.91	41	W	1	0	20.95	+1.2	46	46	+3	WNW	1	6	2	0	47	41		
Cambridge ...	20.88	38	WNW	1	0	20.95	+1.0	41	41	+3	WNW	1	6	2	0	44	34		
Yarmouth ...	20.81	40	W	3	0	20.93	+0.8	37	37	0	WNW	2	0	3	0	42	33		
GERMANY & HOLLAND.																			
Cuxhaven ...	20.99	28	WNW	2	0	20.80	-2.1	37	36	+23	WNW	4	0	*	0	?	?		
Berlin ...	20.02	24	0	2	0	20.80	-3.3	31	31	+25	WNW	2	0	*	0	32	?		
Wiesbaden ...	#	#	#	#	#	20.05	-1.2	32	32	+20	WNW	1	0	*	0	34	?		
Munich ...	20.17	28	2	0	0	20.05	-1.2	32	36	+33	WNW	5	0	*	0	37	3		
The Helder ...	20.83	37	WNW	3	0	20.99	+0.4	36	36	+9	WNW	1	6	*	0	37	27		
FRANCE AND BELGIUM.																			
Brussels (a.m.)	#	#	#	#	#	20.06	+0.4	37	37	+9	ENE	1	0	*	0	37	27		
Cape Gris Nez	20.88	42	0	4	0	20.95	+0.3	44	44	+9	WNW	4	0	4	0	?	30		
Paris ...	20.08	29	WNW	2	0	20.12	+0.6	42	42	+13	WNW	3	0	*	0	45	?		
Brest ...	?	45	W	2	0	?	?	50	49	+2	W	2	0	4	0	50	46		
Lorient ...	20.04	49	WNW	3	0	20.11	+1.0	50	50	+5	WNW	2	0	5	0	52	45		
Rochefort ...	20.13	48	WNW	4	0	20.17	+1.5	48	48	+4	WNW	3	0	*	0	54	44		
Belfort ...	?	35	E	2	0	?	?	40	34	+6	WNW	2	0	*	0	41	?		
Lyons ...	20.24	44	0	2	0	20.27	+1.0	42	41	+7	0	2	0	*	0	46	?		
Nice ...	20.32	42	2	0	0	20.36	+0.8	40	40	+1	E	1	0	2	0	43	37		
Perpignan ...	20.28	47	E	1	0	20.30	+1.3	43	41	-2	W	1	0	*	0	50	41		
Biarritz ...	20.18	52	E	3	0	20.26	+1.4	45	47	-4	2	0	0	0	53	46			
PENINSULA.																			
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#		
Lisbon ...	20.21	57	WNW	4	0	20.22	+0.8	47	44	+1	WNW	4	0	*	0	57	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 Saturday, 23rd Jan. 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:

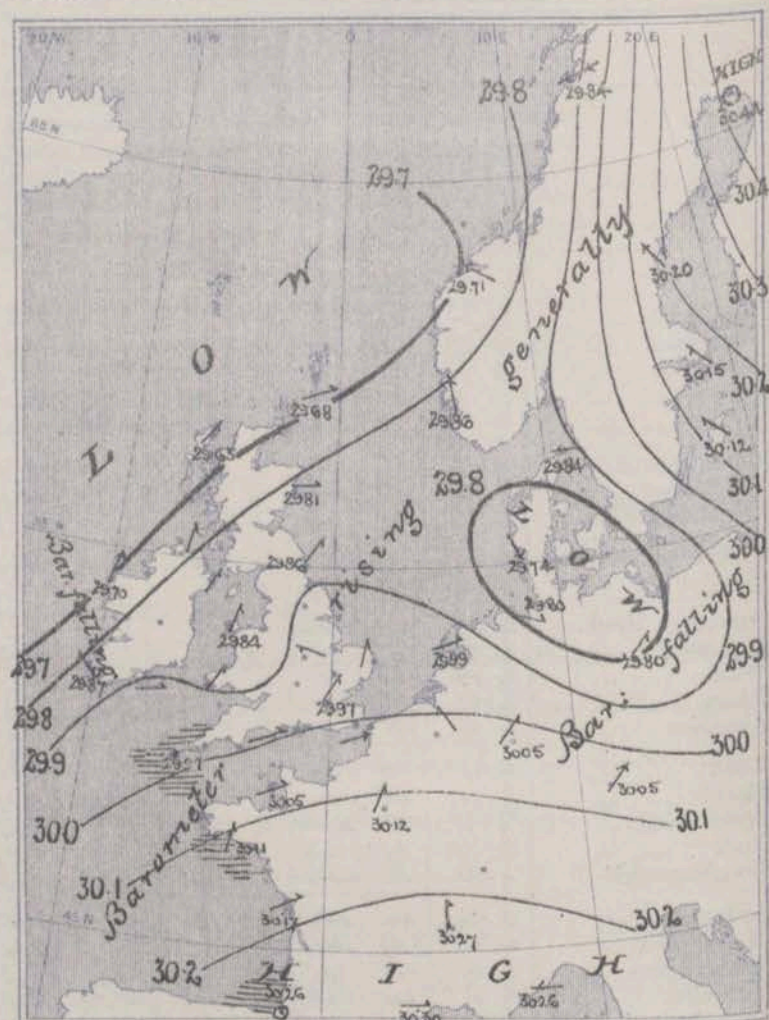
☼ = Rough, ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
	INH.
Sumburgh Head.....	29.675
Stornoway.....	29.682
Wick.....	29.719
Nairn.....	29.745
Aberdeen.....	29.787
Leith.....	29.825
Shields.....	29.881
Spurn Head.....	29.926
York.....	29.932
Loughborough.....	29.967
Ardrossan.....	29.838
Mullaghmore.....	29.817
Donaghadee.....	29.856
Holyhead.....	29.902
Liverpool.....	29.924
Parsonstown.....	29.895
Valencia.....	29.887
Roehe's Point.....	29.908
Pembroke.....	29.936
Sally.....	29.969
Prawle Point.....	30.006
Jersey.....	30.022
Hurst Castle.....	30.002
Dover.....	30.012
LONDON.....	30.006
Oxford.....	29.999
Cambridge.....	29.993
Yarmouth.....	29.979



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.

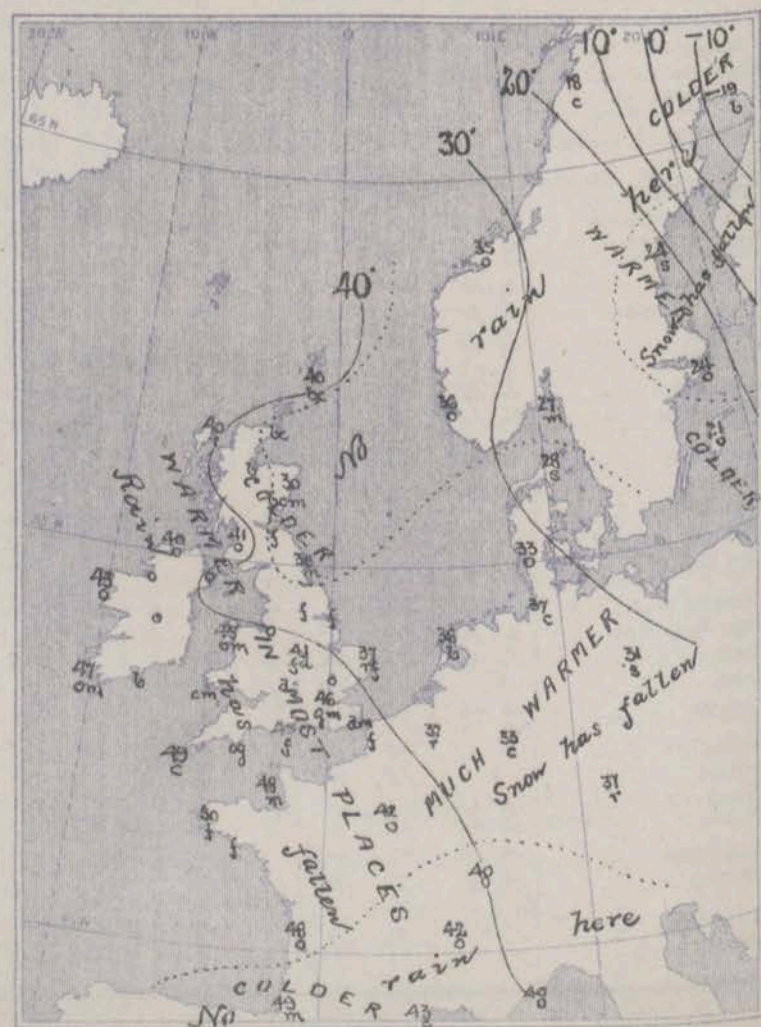
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	at 8 a.m. Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway.....	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough.....	43.0	32.3	36.4	35.4	2.04
Ardrossan.....	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	1.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.39
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.3	40.4	44.5	43.3	6.69
Roehe's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Sally.....	48.8	42.6	45.4	44.9	3.73
Prawle Point.....	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.1	41.8	40.4	3.21
Hurst Castle.....	45.0	35.3	40.3	39.5	2.64
Dover.....	45.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	45.1	33.0	37.1	36.1	2.26
Cambridge.....	45.3	31.7	36.2	35.1	1.54
Yarmouth.....	41.5	33.8	37.4	36.7	1.05

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 in. and upwards, in the north of Sweden; 30.2 in. and upwards over Spain and the northern part of France.
Lowest, 29.7 in. and less, in a large area lying to the northward and northward of our Islands; 29.6 in. and less, in a shallow depression lying over Denmark and North Germany.

Gradients moderate over Scandinavia, but slight elsewhere, and somewhat irregular.

Barometer rising generally, but falling in the west of Ireland and also over Germany.

TEMPERATURE

Highest, 50° at Christ and Lorient, 49° at ^{and Scilly} Biscaya, 48° at Ponta da Brava, Jersey, and Rochefort, and 47° at Valence Island and Lisbon.

Lowest, -19° F. at Haparanda, +18° at Åbo, 21° at Väst, 24° at Helsingfors and Stockholm, and 27° at London.

A rapid rise of temperature has taken place in Germany, and a slight rise in most other countries.

WIND

Light or moderate from the SWnd over the greater part of our Islands, France, and Germany, but SEth over the north of England.

Moderate to strong from the SEth in Scandinavia, but NWth in Denmark.

WEATHER

Dull over nearly the whole of Western Europe, with fog in many parts of England and also in the north of France, rain at Brussels and Munich, and snow at Helsingfors, St. Petersburg and Berlin.

Fine and bright in the north and east of Scotland.

Rain fell yesterday in all parts of our Islands, with the exception of the east of Scotland, but the amounts were slight.

SEA

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The renewed fall of the barometer in the west of Ireland seems to indicate the approach of further depressions so that changeable showery weather will probably continue over the greater part of the Kingdom.

FORECASTS

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

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

SWth winds, freshening; dull, some rain.

1 SCOTLAND EAST

Sth and SWth winds, moderate; fair to dull and some rain.

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

SWth winds, light or moderate; mild, changeable, some rain.

DISTRICTS.

FORECASTS.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

SEth and Sth winds, freshening; dull, some rain.

SWth and Sth winds, freshening; fair to dull and some rain.

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

WARNINGS

Orders were issued at 7 p.m. yesterday to lower the signals on our western and northern coasts.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	Ther.	WIND.	F.	WEA.	SEA.		BAR.	Ther.	WIND.	F.	WEA.	SEA.
		Dry. Wet.	Dirac.						Dry. Wet.	Dirac.			
Skudesnaes ...	29.68	37 23	SE	6	o	5	Valencia ...	29.66	50 50	SE	6	7 m	6
Sumburgh Head	29.44	41 37	SE	2	c	6	Scilly ...	29.80	50 45	SE	4	bc	5
Stornoway ...	29.44	40 40	SE	4	7	4	Jersey ...	29.96	47 45	SE	4	ond	3
Aberdeen ...	29.62	39 36	SE	2	om	4	Hurst Castle	29.88	45 45	SE	5	ond	2
Shields ...	29.72	40 37	SE	2	cm	2	Dungeness...	29.88	46 45	SE	6	o	5
Ardrossan ...	29.66	42 41	SE	3	7	2	North Foreland...	29.85	46 40	SE	4	of	3
Malin Head ...	29.60	40 37	SE	4	o	4	London ...	29.83	48 46	SE	3	7	3
Mullaghmore ...	29.63	43 41	SE	5	of	5	Yarmouth ...	29.86	42 41	SE	4	o	3
Belmullet ...	29.60	44 43	SE	3	o	4	Rocheport ...	29.09	52 53	SE	3	f	4
Holyhead ...	29.70	44 41	SE	3	of	2							

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

Weather in morning clear and bright over central, and some parts of northern and southern Europe, also at some of the Spanish and Mediterranean stations; cloudy or overcast at our own stations, with rain in several places; rain also in the south of France and at San Fernando. Further falls of rain during day over nearly the whole of the British Isles, Germany, Holland, and the north of France.

Temperature highest 55° at Algiers and Malta, 54° at Barcelona, and 53° at Biarritz, Palma de Majorca and La Coruña, above 50° at several Mediterranean stations, and above 45° on the south coast of the United Kingdom. Lowest, -23° F. at Moscow, -15° at Archangel, -10° at Kuopio, -8° at Petersburg, below zero over northern and central Russia generally, and very little above it over Germany and Austria, below the freezing point over the Netherlands and Central France. Rising during day to between 47° and 52° in the south and southwest of our Islands, and reaching 55° at Biarritz, and 57° at Lisbon. Remaining below 40° in some of the northern and eastern parts of Great Britain.

Wind light or moderate from the SWnd over the greater part of our Islands and the north of France; strong to a gale from the SEnd on the eastern shores of the North Sea. Light from the NWnd or NWnd over Sweden and Russia. Variable over Germany and Austria; NWnd or Wnd at most of the Italian stations; NEnd over the central and southern parts of Spain. No important change occurring during day.

Barometer highest (1) 30.4 ins. and upwards over Lapland; (2) 30.3 ins. and upwards over Austria; (3) 30.2 ins. and upwards, in an area lying to the westward of Portugal. Lowest 29.5 ins. and less, in a large shallow depression, lying to the northward and northward of our Islands (small secondary disturbances passing across Ireland and England); 29.9 ins. and less in two other systems lying respectively over Asia Minor and over the south of Russia. Very little change occurring over western Europe during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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Weekly

£1 10 0

DAILY WEATHER REPORT

for Sunday 24th January

1892.

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

Issued by the Meteorological Office, 65, Victoria Street, London. W. 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.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Direc.	Force (0 to 19).		Weather.	Max.	Min.			
		Inch.	°				Inch.		°	°	°									Inch.
SCANDINAVIA.	Haparanda ...	30.45	-9	S	2	b	30.39	-0.05	-15	-16	+ 4	SE	4	bc	#	b	-8	-22		
	Hernösand ...	30.33	23	SE	4	s	30.21	+ 0.01	22	21	- 2	S	3	o	#	s	25	18	0.20	
	Stockholm ...	30.28	21	ESE	2	o	30.36	+ 0.15	21	19	- 3	ESE	2	s	#	o	27	19		
	Wishby ...	30.26	18	SE	4	c	30.32	+ 0.20	20	19	- 1	SSE	4	o	#	c	21	14		
	Bodö ...	29.86	21	ENE	7	c	29.66	- 0.18	25	22	+ 7	E	8	o	4	c	?	16		
SCANDINAVIA.	Christiansund...	29.76	37	SE	6	o	29.54	- 0.17	39	35	+ 4	WSW	5	o	5	o	29	35		
	Skudesnaes ...	29.94	32	SSE	8	o	29.76	- 0.10	36	33	0	SSE	8	o	6	o	36	32		
	Christiania Fjord (Fjærd)	30.11	18	E	4	o	30.04	+ 0.13	28	27	+ 1	SE	5	o	3	o	28	27		
	Skagen (The Scaw)	30.08	29	ESE	4	o	30.02	+ 0.18	30	28	+ 2	SSE	5	o	3	o	30	27	0.12	
	Fanö ...	30.01	30	E	3	o	29.99	+ 0.25	31	31	- 2	SSE	6	m	#	o	34	28		
SCOTLAND.	Sumburgh Head	29.44	44	SSE	5	o	29.50	- 0.18	42	39	+ 2	WSW	5	bc	6	o	43	39	0.21	
	Stornoway ...	29.19	44	SW	8	r	29.44	+ 0.01	37	37	- 3	W	6	r	6	r	44	33	0.08	
	Wick ...	29.41	41	S	4	c	29.63	- 0.08	37	36	0	W	4	bc	3	c	43	34	0.08	
	Nairn ...	29.44	40	W	3	bc	29.68	- 0.04	39	36	+ 5	WSW	2	bc	1	bc	45	32	0.01	
	Aberdeen ...	29.61	40	S	4	o	29.79	- 0.02	35	34	+ 5	SW	1	bm	3	q	42	30		
ENGLAND.	Leith ...	29.64	42	WSW	1	c	29.85	+ 0.03	41	39	+ 9	W	5	b	#	c	49	32		
	Shields ...	29.78	39	SW	3	om	29.94	+ 0.08	40	38	+ 5	SW	2	bm	2	o	45	36		
	Spurn Head ...	29.87	39	SSW	3	f	29.98	+ 0.08	39	38	+ 3	W	3	bm	3	c	42	34		
	York ...	29.87	40	SE	1	f	30.02	+ 0.10	40	39	+ 4	W	1	b	#	f	43	34		
	Loughborough	29.89	45	W	1	o	30.02	+ 0.14	39	38	- 2	WNW	1	bm	#	o	49	39		
IRISH ISLANDS.	Ardrossan ...	29.65	45	S	4	r	29.89	+ 0.07	43	42	+ 2	WSW	4	c	3	r	45	40		
	Malin Head ...	29.53	45	WSW	6	bc	29.90	+ 0.16	40	39	0	W	5	op	4	bc	46	38	0.06	
	Mullaghmore ...	29.66	47	SW	5	bm	30.00	+ 0.21	42	40	- 1	WSW	5	cp	5	bc	50	40	0.15	
	Belmullet ...	29.67	47	WSW	6	b	30.05	+ 0.35	43	41	0	WSW	3	c	#	b	50	42	0.12	
	Donaghadee ...	29.70	45	SW	5	r	29.99	+ 0.18	37	36	- 2	W	3	b	2	r	45	36	0.06	
BRITISH ISLANDS.	Liverpool (Bidston)	29.85	45	SSW	2	c	30.04	+ 0.16	41	40	0	WSW	4	b	3	c	48	41	0.01	
	Holyhead ...	29.83	45	SSW	3	am	30.05	+ 0.21	43	42	- 2	WNW	4	b	4	g	48	43	0.02	
	Parsonstown ...	29.76	51	SW	1	b	30.12	+ 0.25	37	36	- 4	SW	1	b	#	r	51	37	0.02	
	Valencia ...	29.87	49	W	3	o	30.19	+ 0.32	43	40	- 4	WNW	1	bm	1	am	52	42	0.08	
	Roche's Point	29.83	49	SW	4	o	30.15	+ 0.25	41	39	- 1	NW	2	b	3	a	50	38	0.05	
IRELAND.	Pembroke (St. Ann's Hd.)	29.90	45	SW	3	f	30.12	+ 0.23	45	43	0	NW	3	b	4	f	48	44	0.07	
	Scilly ...	29.99	49	WSW	3	f	30.16	+ 0.19	48	46	- 1	NW	4	b	5	f	51	46	0.04	
	Prawle Point ...	30.01	48	WSW	2	f	30.14	+ 0.15	45	45	- 3	W	2	og	2	fa	48	45	0.15	
	Jersey (St. Aubin's)	30.08	48	WSW	3	o	30.16	+ 0.11	47	47	- 1	SW	2	f	2	ma	50	46	0.04	
	Hurst Castle ...	30.02	45	W	5	c	30.14	+ 0.14	45	45	0	W	3	c	2	f	47	44	0.02	
SCOTLAND.	Dungeness ...	29.98	45	WSW	5	f	30.04	+ 0.09	44	44	- 1	WSW	4	fa	3	fa	47	42	0.03	
	North Foreland	29.96	47	SW	2	o	30.04	+ 0.08	47	47	+ 2	WSW	2	og	2	o	50	43	0.02	
	London ...	29.97	48	SW	2	o	30.07	+ 0.10	46	45	0	WNW	1	o	#	am	52	44	0.06	
	Oxford ...	29.98	45	SW	2	o	30.09	+ 0.14	43	42	- 3	W	1	b	#	g	49	43		
	Cambridge ...	29.96	44	W	2	o	30.07	+ 0.12	46	46	+ 5	W	2	a	#	o	50	40	0.02	
ENGLAND.	Yarmouth ...	29.93	40	SSW	2	f	29.98	+ 0.05	44	44	+ 7	W	2	f	3	f	44	35	0.02	
	Cuxhaven ...	30.01	38	NNW	2	o	30.04	+ 0.24	34	33	- 3	S	3	f	#	o	37	32		
	Berlin ...	29.98	34	NNW	3	o	30.15	+ 0.35	26	26	- 5	SE	2	o	#	a	36	25	0.12	
	Wiesbaden ...	#	#	#	#	#	30.15	+ 0.10	35	34	+ 2	L	0	o	#	a	39	33	0.04	
	Munich ...	30.16	35	W	3	r	30.21	+ 0.16	39	39	+ 2	SW	5	r	#	r	39	34	0.32	
GERMANY & HOLLAND.	The Helder ...	30.01	35	SE	1	f	29.99	0.00	39	37	+ 3	SW	1	f	#	f	41	35	0.04	
	Brussels (D. H. M.)	#	#	#	#	#	30.10	+ 0.04	41	41	+ 4	SW	2	r	#	r	42	36	0.12	
	Cape Gris Nez	29.98	45	SW	4	f	30.03	+ 0.08	46	46	+ 2	SW	3	o	3	f	46	39	0.04	
	Paris ...	30.14	46	SSW	2	o	30.18	+ 0.06	45	45	+ 3	SSW	2	o	#	o	47	42		
	Brest ...	?	49	SW	2	f	?	?	50	30	0	W	3	f	4	f	52	46	0.08	
FRANCE AND BELGIUM.	Lorient ...	30.12	49	WSW	2	f	30.19	+ 0.08	49	49	- 1	WSW	2	f	5	f	50	45	0.08	
	Rochefort ...	30.16	49	SW	3	f	30.17	0.00	49	49	+ 1	SW	2	f	#	f	54	48	0.12	
	Belfort ...	?	30	W	1	c	?	?	39	34	- 1	W	1	f	#	c	41	?		
	Lyons ...	30.30	45	W	1	bc	30.25	- 0.02	44	42	- 2	N	2	o	#	bc	52	35		
	Nice ...	30.15	44	NE	1	o	30.18	- 0.08	44	41	+ 4	NE	3	o	1	o	46	34		
SPAIN.	Perpignan ...	30.22	47	L	0	b	30.23	- 0.07	46	44	+ 3	NNW	2	o	#	b	59	41		
	Biarritz ...	30.25	52	L	0	m	30.26	0.00	50	?	+ 1	SSW	2	m	?	m	57	46		
	Corunna ...	#	#	#	#	#	30.37	+ 0.03	52	51	+ 1	SSE	3	o	3	#	57	45		
	Lisbon ...	30.17	53	NNW	3	b	30.21	- 0.01	45	44	+ 2	ENE	2	b	#	b	59	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 Sunday, 24th Jan. 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.

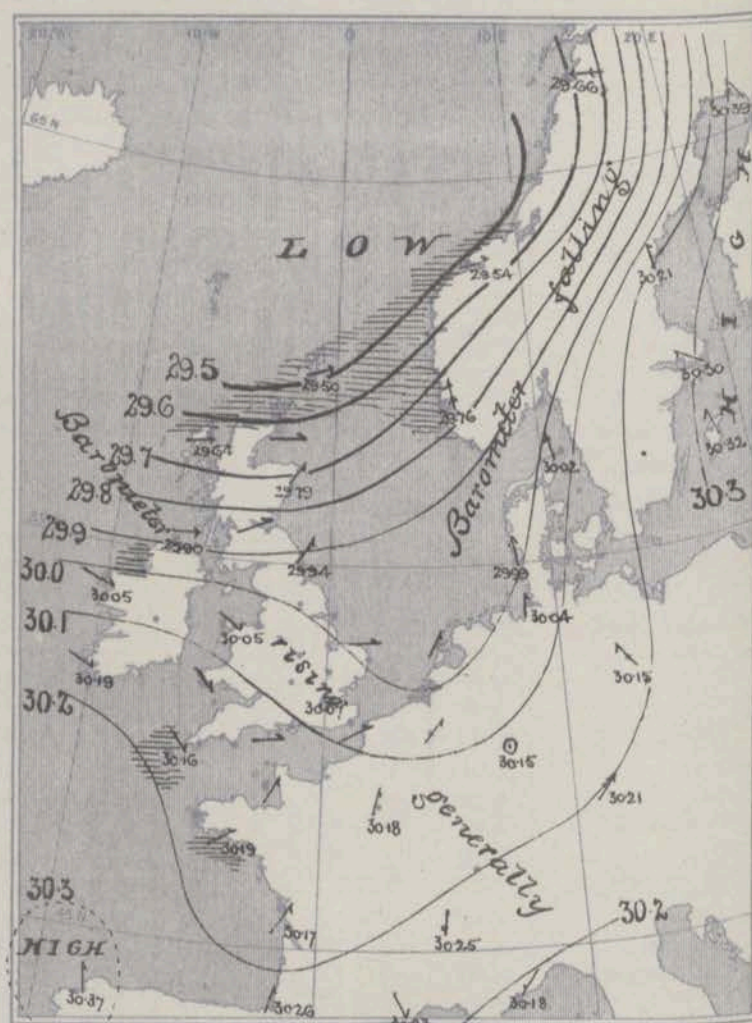
SEA DISTURBANCE—Where considerable, is shown thus:

▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

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

STATIONS.	MEAN READINGS.
Sumbagh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Seilly	29.909
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

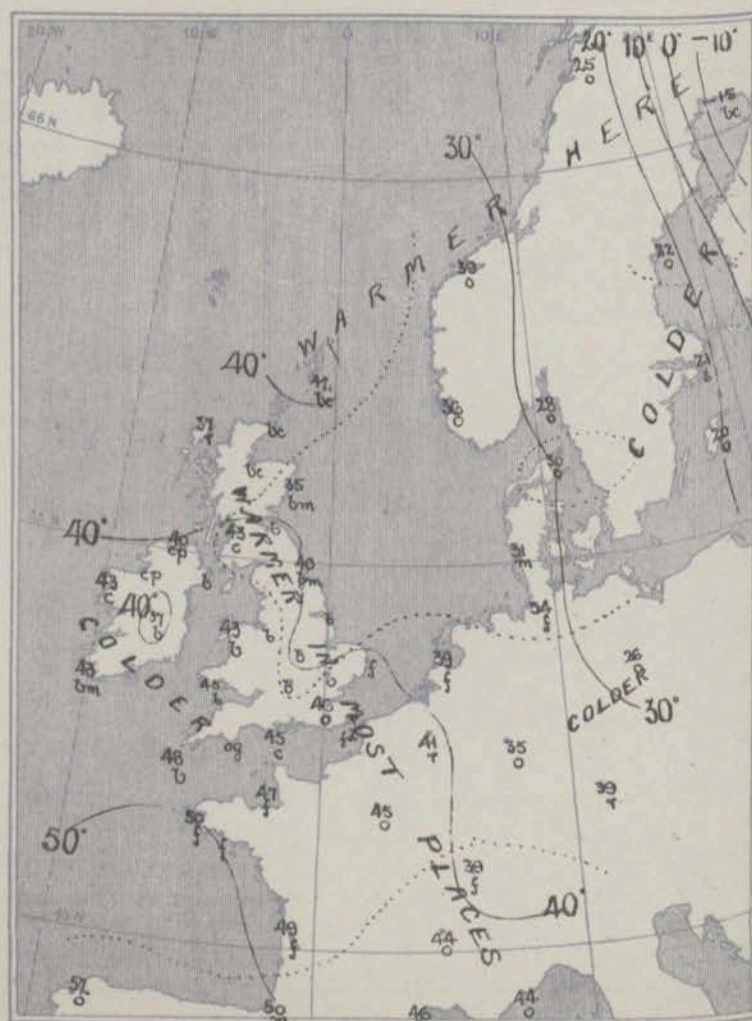
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily	Daily	at 8 a.m.		
	Max.	Min.	Dry.	Wet.	
Samburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.06
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.5	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore.....	46.1	38.0	41.6	40.4	4.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	6.50
Pembroke.....	45.5	39.6	42.7	41.3	3.73
Seilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.8	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.6	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.26
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and upwards, over the Baltic and Gulf of Bothnia, as well as over the northwest of Spain.
 Lowest, 29.5 ins. and less, in a large depression lying to the northeast of our Islands and the westward of Norway.
 Gradients steep over Scandinavia and moderate over the northern parts of our Islands and the North Sea, but slight elsewhere.
 Barometer rising at all but the Scandinavian and Danish stations.

TEMPERATURE

Highest, 52° at Cosumma, 50° at Kent and Biarritz, 48° at Givet and Rochefort, and 48° at Seelby.
 Lowest, -15° F. at Haparanda, +10° at Wiesb., 21° at Stockholm, 22° at Helsingfors, 25° at Bodo, and 26° at Berlin.
 During yesterday the thermometer rose to 50° or a little above at several of our western and southern stations.

WIND

Light to fresh from the Wnd over the northern and eastern parts of the United Kingdom, but NW^{ly} in the Southwest.
 Light from SW. over the greater part of France, Germany, and the Netherlands.
 Strong from the S^W or SE^W on the eastern shores of the North Sea, with a gale at Skudenes; moderate from the same quarters in the Sound.

WEATHER

Fine over the greater part of the United Kingdom, but showery on our extreme northwest coasts, and foggy over the Channel and East of England.
 Foggy also in many parts of France, as well as at Freshwater and the Helder.
 Dull in Scandinavia with snow at Stockholm.
 Since yesterday morning a little rain has fallen at all our western, southern, and extreme northern stations.

SEA

Rough off the norths of Scotland and the west of Norway, and rather rough at Mullaghmore, Seelby, and Lorient.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 25TH JAN^Y 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

Orders were issued at 3.20 p.m. yesterday to hoist the south cone in districts 0, 6, 10, and parts of 1 and 9.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.	
		Dry.	Wet.							Dry.	Wet.					
Skudeanaes ...	29.96	35	31	SSE	5	o	4		Valencia ...	29.85	57	50	SSW	3	o	5
Sumburgh Head ...	29.61	42	40	SSE	3	c	4		Scilly ...	29.99	57	51	SSW	3	f	3
Stornoway ...	29.42	43	43	W	7	r	6		Jersey ...	29.97	50	49	WSW	5	f	2
Aberdeen ...	29.72	39	38	S	3	c	3		Hurst Castle ...	29.96	46	46	WSW	4	c	4
Shields ...	29.83	40	38	SW	3	om	2		Dungeness ...	29.97	47	47	WSW	4	f	2
Ardrossan ...	29.73	45	45	ESE	2	a	2		North Foreland ...	29.98	50	49	SW	2	o	2
Main Head ...	29.55	44	42	S	6	o	3		London ...	29.96	52	49	SW	2	o	3
Mullaghmore ...	29.61	47	46	S	6	om	5		Yarmouth ...	29.93	43	42	SSW	2	f	3
Belmullet ...	29.57	50	49	WSW	6	o	2		Rochefort ...	30.15	51	50	SW	3	o	2
Holyhead ...	29.85	47	47	SSW	3	cng	2									

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

Weather in morning fine and bright over northern and southeastern Europe, as well as in several parts of the Iberian Peninsula and over some part of the North Sea; cloudy, more or less elsewhere, very foggy in the northeast, east, and south of England, with slight drizzle in places. A little rain in the north and northwest, hail at Vittel, and larger quantities of rain over Germany and the north of France.

Temperatures risen except over Russia, where very hard frost prevailed; highest (33° in 24 hours) at Munich. Morning readings 50° to 55° over the western and southern shores of the Mediterranean, exceeding 45° in the south and west of our Islands, and exceeding 40° even on our northwest coasts. Lowest -30° F. at Moscow, -19° at Haparanda, -18° at Archangel, -14° at Helsingfors, -10° at St. Petersburg and Kiev, and -6° at Riga. Daily maxima as high as 50° to 52° over the southern half of our Islands, and 54° to 55° in the south and west of France.

Wind very light and variable over eastern and southern Europe, light to moderate elsewhere. N¹ to SW¹ at the northern western stations, SE¹ to E¹ over Germany, the Baltic and Scandinavia. Becoming strong from the SW¹ on our west and northwest coasts later, but not changing much elsewhere.

Barometer highest (1) 30.4 ins. and more, to 30.3 ins. over Iceland and northern Russia; (2) 30.3 ins. over Italy, Sicily, and southeastern Europe; (3) 30.3 ins. and more, over the northern half of the Spanish Peninsula also. Lowest 29.7 ins. and less, off our extreme northwestern coasts and off the west of Norway, and 29.8 ins. and less, in a well marked secondary over Holstein and Mecklenburg-Schwerin. Gradients more decided over Sweden than elsewhere. Falling in the west and north of our Islands later as a depression moving northwards skirted our 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 3 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, 25th January 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.	Reading at 32° F. and Sea Level.	Barometer.		Shade Temp.			Wind.		Sea (10 to 12).	Weather.	Shade Temp.		Amount of Rainfall.	
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dir.	Force (10 to 12).			Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dir.	Force (10 to 12).	Max.			Min.			
	Inch.	°					Inch.	°	°	°			Inch.				Inch.		
SCANDINAVIA.																			
Haparanda ...	30.23	-7	S	4	0	30.06	-.33	-4	-4	+ 11	SSE	4	0	#	0	7	-17	0.04	
Hernösand ...	30.01	23	SE	8	S	29.81	-.40	23	22	+ 1	S	2	0	#	S	25	14	0.08	
Stockholm ...	30.12	24	SE	2	0	29.91	-.39	25	24	+ 4	WSW	2	0	#	0	27	19	0.04	
Wishby ...	30.14	23	S	6	0	29.95	-.37	27	26	+ 7	S	4	0	#	0	?	16		
Bodö ...	29.58	25	E	8	0	29.52	-.14	24	22	- 1	ESE	7	6	4	0	27	21		
SCANDINAVIA.																			
Christiansund...	29.57	86	SSW	6	0	29.57	+ .03	36	35	- 3	WSW	8	5	5	S	39	36	0.04	
Skudesnaes ...	29.84	40	WNW	2	bc	29.87	+ .11	39	37	+ 3	WNW	5	0	3	c	40	36	0.08	
Christiania Fjord	29.88	33	S	3	0	29.83	-.21	31	31	+ 3	WSW	3	6	2	0	34	28		
(Færdar)																			
Skagen (The Scaw)	29.89	31	SSW	1	0	29.90	-.12	35	34	+ 5	W	1	6	0	0	36	27	0.16	
Fanö ...	30.01	33	W	2	m	30.06	+ .07	33	33	+ 2	W	4	6	#	m	34	30		
SCANDINAVIA.																			
Sumburgh Head	29.66	38	W	6	bc	29.86	+ .36	42	39	0	WNW	6	6	6	bc	42	38	0.15	
Stornoway ...	29.83	39	W	6	r	30.15	+ .51	38	38	+ 1	W	3	c	4	bc r	41	33	0.06	
Wick ...	29.84	37	WNW	5	b	30.08	+ .45	36	35	- 1	WNW	4	6	2	phl	44	34	0.08	
Nairn ...	29.90	38	W	3	b	30.16	+ .48	40	37	+ 1	W	2	c	1	s	41	35	0.02	
Aberdeen ...	29.94	37	SW	2	b	30.20	+ .41	37	34	+ 2	WSW	3	6	2	b	43	33		
SCANDINAVIA.																			
Leith ...	30.05	39	W	1	b	30.28	+ .43	38	37	- 3	W	3	6	#	b	45	37	0.01	
Shields ...	30.11	41	SW	2	c	30.27	+ .33	36	35	- 4	W	3	6	2	c	45	34		
Spurn Head ...	30.16	38	W	3	bcm	30.30	+ .32	36	35	- 3	W	3	6m	3	cm	41	35		
York ...	30.17	41	W	2	b	30.35	+ .33	35	34	- 5	W	1	6	#	b	47	31		
Loughborough	30.20	38	WNW	1	b	30.35	+ .33	37	36	- 2	WNW	2	omw	+	b	48	34		
ISLANDS.																			
Ardrossan ...	30.10	42	SW	2	bc	30.32	+ .38	43	42	0	WSW	2	6	2	bc	46	39		
Malin Head ...	30.11	41	WNW	4	cp	30.34	+ .44	39	38	- 1	SW	2	6	4	oep	44	38	0.05	
Mullaghmore ...	30.18	42	WSW	5	bc p	30.38	+ .38	39	38	- 3	SSW	4	6	3	bc p	44	38	0.05	
Belmullet ...	30.18	44	WNW	4	bc	30.40	+ .35	39	38	- 4	S	2	6	#	bc	45	38	0.04	
Donaghadee ...	30.17	38	WNW	3	bc	30.38	+ .39	35	35	- 4	SW	3	6	1	bc	43	33	0.01	
BRITISH.																			
Liverpool (Bidston)	30.23	42	W	3	b	30.41	+ .37	37	36	- 4	W	3	6	3	b	44	37		
Holyhead ...	30.22	43	W	2	bc	30.41	+ .36	41	41	- 2	WNW	3	6m	2	bc	47	41		
Parsonstown ...	30.23	40	Z	0	c	30.46	+ .34	37	36	0	Z	0	6	+	c	47	33		
Valencia ...	30.33	44	WNW	1	cp	30.48	+ .29	37	36	- 6	W	1	6	1	bc p	50	34	0.06	
Roche's Point	30.28	46	WNW	3	bc	30.48	+ .33	35	34	- 6	WNW	1	6	3	bc	48	34		
BRITISH.																			
Pembroke (St. Ann's Hd.)	30.28	45	WNW	2	b	30.46	+ .34	42	40	- 3	WNW	2	6	3	b	46	41		
Scilly ...	30.28	47	W	4	b	30.45	+ .29	45	42	- 3	NE	2	6	5	b	49	41		
Prawle Point ...	30.24	42	WNW	2	b	30.47	+ .33	39	38	- 6	WNW	2	6	1	b	53	36		
Jersey (St. Aubin's)	30.24	48	W	3	c	30.43	+ .27	42	39	- 5	W	3	6m	3	game	51	38	0.04	
Hurst Castle ...	30.27	41	WNW	3	b	30.42	+ .28	32	32	- 13	W	2	6	2	b	50	32		
BRITISH.																			
Dungeness ...	30.17	46	WNW	2	bc	30.36	+ .32	33	32	- 11	WNW	2	6	1	abc	48	29	0.02	
North Foreland	30.18	41	WNW	4	0	30.34	+ .30	35	35	- 12	WNW	3	c	2	f + qb	47	33		
London ...	30.23	44	WNW	1	bm	30.40	+ .33	31	30	- 15	W	1	6f	#	bc	49	30		
Oxford ...	30.24	39	WNW	1	b	30.42	+ .33	32	32	- 11	WSW	1	6m	#	b	50	32		
Cambridge ...	30.24	36	W	2	bc	30.40	+ .33	36	35	- 10	WNW	2	6	#	bc	49	32		
Yarmouth ...	30.13	40	WNW	3	b	30.29	+ .31	34	33	- 10	W	3	6m	3	bf	45	31		
GERMANY & HOLLAND.																			
Cuxhaven ...	30.01	36	W	1	f	30.12	+ .08	36	36	+ 2	W	1	f	#	f	36	33	0.16	
Berlin ...	30.09	30	SE	2	r	30.10	-.05	35	35	+ 9	W	2	0	#	r	36	26	0.04	
Wiesbaden ...	#	#	#	#	#	30.23	+ .08	39	37	+ 3	W	1	c	#	r	43	34	0.12	
Munich ...	30.22	39	SW	3	c	30.18	-.03	38	37	- 1	SW	5	0	#	c	43	36	0.04	
The Helder ...	30.17	37	WNW	1	b	30.27	+ .28	37	37	- 2	W	1	6	2	b	41	37		
FRANCE AND BELGIUM.																			
Brussels (P. a. m.)	#	#	#	#	#	30.34	+ .24	33	33	- 8	W	1	f	#	0	42	33	0.12	
Cape Gris Nez	30.17	43	ESE	1	c	30.30	+ .27	41	39	- 5	WNW	3	c	4	c	48	37	0.12	
Paris ...	30.21	48	S	2	q	30.35	+ .17	37	36	- 8	W	3	0	#	0	50	36	0.12	
Brest ...	?	47	W	4	bc	?	?	46	45	- 4	WNW	5	6	6	bc	54	45		
Lorient ...	30.25	46	WNW	3	0	30.38	+ .19	41	39	- 8	WNW	3	6	5	0	50	39	0.04	
FRANCE AND BELGIUM.																			
Rochefort ...	30.23	49	WNW	2	0	30.25	+ .08	47	47	- 2	ESE	4	m	#	0	52	45	0.04	
Belfort ...	?	39	W	1	f	?	?	39	34	0	W	1	f	#	f	45	36		
Lyons ...	30.26	46	NE	1	c	30.24	-.01	43	43	- 1	W	2	f	#	c	50	42		
Nice ...	30.18	49	ESE	2	0	30.13	-.05	45	41	+ 1	E	2	c	2	0	54	44		
Perpignan ...	30.18	51	WNW	3	b	30.18	-.05	49	45	+ 3	SSW	3	c	#	b	59	46		
Biarritz ...	30.24	33	ESE	2	f	30.24	-.02	51	50	+ 1	ESE	2	f	5	f	54	48	0.08	
PENINSULA.																			
Corunna ...	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	
Lisbon ...	30.19	53	NE	5	b	30.24	+ .03	47	45	+ 2	NE	2	6	#	b	59	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, 25th Jan:* 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:

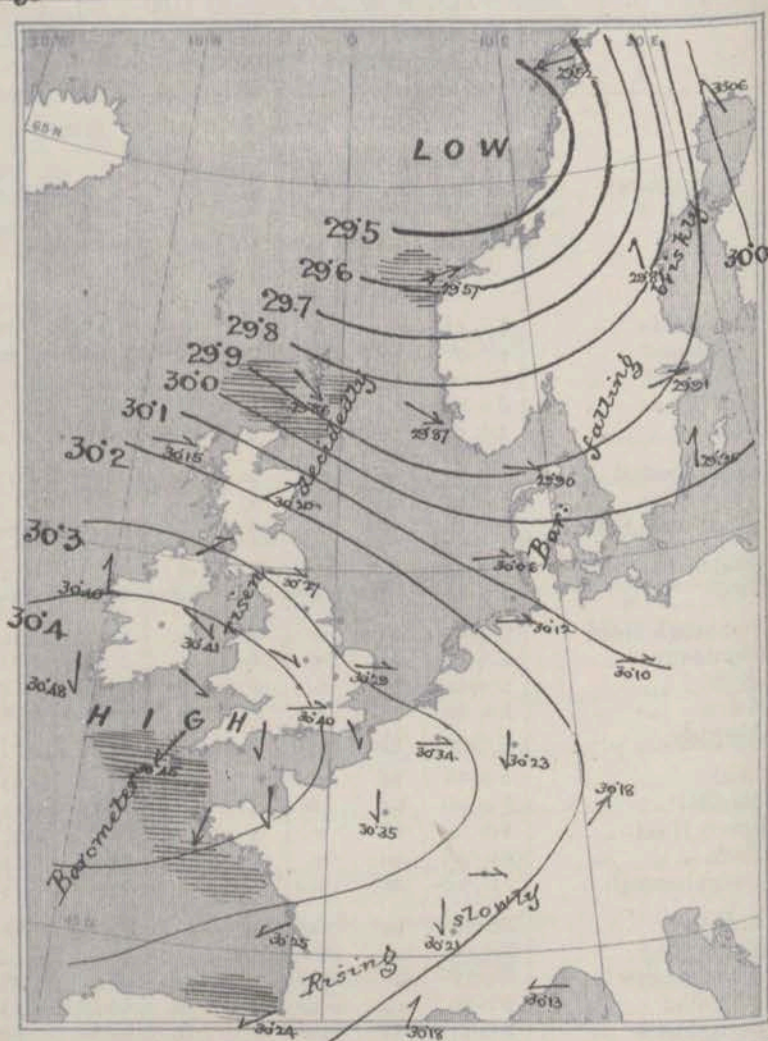
☼ = Rough. ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.939
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

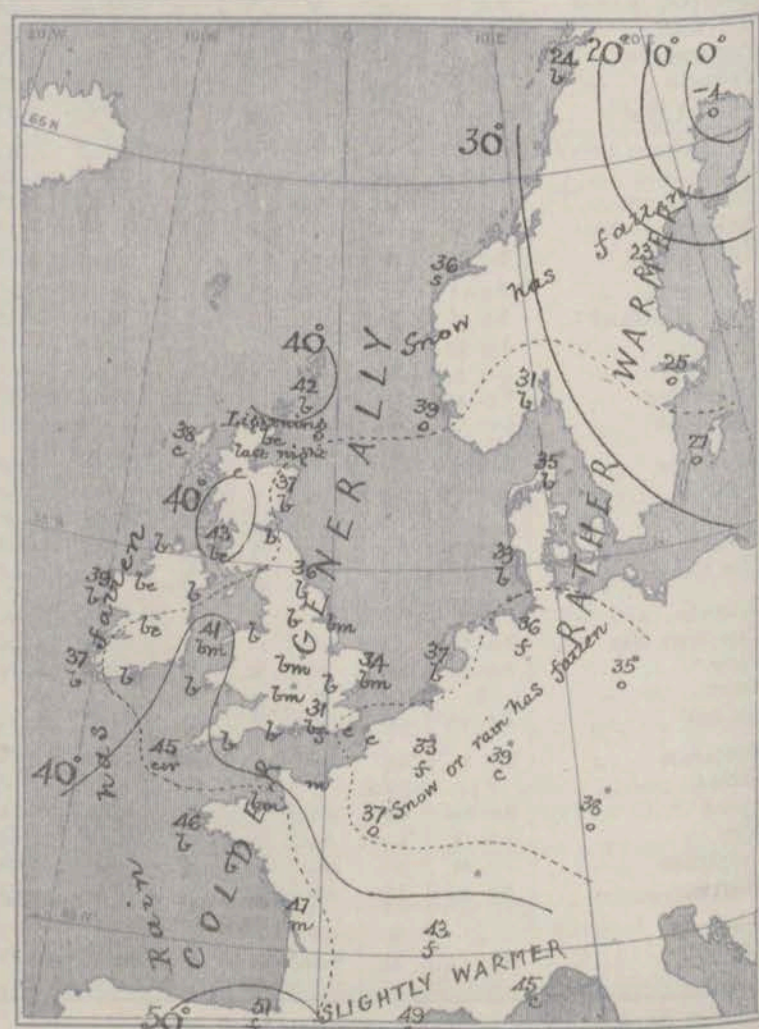
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.3	38.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.0	1.76
Spurn Head.....	41.7	34.6	37.7	36.7	1.35
York	42.7	32.5	36.7	36.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	4.36
Donaghadee.....	44.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool	43.5	36.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	45.6	39.6	42.7	41.3	3.75
Scilly	48.8	42.9	49.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.6	2.94
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.4	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in. and upwards, in an anticyclone lying over Ireland, Wales, the southwest of England and the eastern part of the Channel.
 Lowest, 29.5 in. and less, in a depression lying off the west of Norway.
 Gradients moderate or slight generally.
 Barometer rising at all but the Swedish and southern French stations.

TEMPERATURE

Highest, 51° at Birmm, 49° at Perpignan, 47° at Rochefort, 46° at Brest, and 45° at Biele and Nice.
 Lowest (1) - 4° F. at Haparanda, +23° at Harnosand, 24° at Rostock and 25° at Stockholm; (2) 31° in London, and 32° at Huel Castle and Oxford.
 Frost occurred last night over the eastern, central, and southern parts of England.

WIND

Light or moderate from the Wnd over the northern, eastern, and central part of Great Britain, as well as on the eastern shores of the North Sea.
 Light from the Snd or SWnd in the north of Ireland and from the NWnd or Nnd in the south of our Islands.
 Nnd or NEnd in France, Snd in Sweden.

WEATHER

Fine over the greater part of the United Kingdom, but with fog or haze in some few places.
 Fine also over Holland and Denmark, but cloudy in most other parts of the Continent, with fog in many places, and with snow at Christiansund.
 A little rain fell yesterday in the extreme north and northwest of our Islands, as well as at many of the Continental stations, and lightning occurred at this during the night.

SEA

Wrough off the north of Scotland, and rather rough in the Bay of Biscay and at the mouth of the Channel, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Anticyclonic conditions seem likely to continue over our Islands for a time, and frost is, therefore, probable in most districts with fog at many of the inland stations.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

1 SCOTLAND EAST

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

Wnd and NWnd winds, moderate; fair generally.

Wnd and NWnd winds, light; fair generally, but local fogs.

NWnd and Nnd winds, light; foggy inland, fine on coast.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

Same as No^s 2 to 4.

Nnd and NEnd winds, light; fair generally but local fogs.

SWnd to Wnd winds, light; fair generally.

Same as No^s.

WARNINGS

At 7.10 pm yesterday to districts 6, 10, and part of 9. "lower cone". At 10.20 am. today to district 0. "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.	F.	WEA.	SEA.		BAR.	THER.		WIND. Direc.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	29.76	40	38	SSE	8	C	6	Valencia ...							
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.77	41	40	W	6	bc	6	Jersey ...	30.19	50	48	rw	3	0	3
Aberdeen ...								Hurst Castle ...							
Shields ...								Dungeness ...	30.12	48	46	rtw	3	0	2
Ardrossan ...								North Foreland ...							
Malin Head ...	30.04	41	39	rtw	4	0	4	London ...							
Mullaghmore ...								Yarmouth ...							
Belmullet ...	30.15	45	41	W	4	0	4	Rochefort ...	30.21	50	50	rtw	3	0	4
Holyhead ...	30.17	47	45	W	4	bc	4								

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

The Continental information not yet received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 17TH TO 23RD JAN. 1892.

The weather of the past week was cold and inclement with frequent rain or sleet in the western and northern parts of the Kingdom and with occasional fogs or mist in the southeastern districts.

Barometrical pressure was highest over Scandinavia and lowest to the west of our Islands so that the prevailing winds were SE or S. Several depressions shifted our western and northern coasts in a northerly direction and at the beginning of the week a SE gale was experienced in the north and east of Scotland with a very high sea. On the morning of the 20th a well marked depression appeared off the southwest of England but this disturbance ultimately moved away to the southward. During the latter part of the week, however, fresh disturbances moved northeastwards along our western coasts and towards the close of the period when an area of high readings appeared over Spain and the south of France the wind over our Islands veered to the SWrd with a decided rise of temperature over Ireland and England. A strong gale from the SWrd or Srd was experienced on our extreme western and northern coasts on the 21st and at the close of the period the wind was again increasing over Ireland and Scotland.

Temperature was low during the greater part of the week, the maximum readings over St. Britain being mostly below 40° with frost at night. The thermometer afterwards rose, and on the 23rd the maxima over England ranged between 49° and 52°.

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 26th January. 1892.

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

Issued by the Meteorological Office, 63, Victoria Street, London. H. H. SCOTT, Secretary.																				
STATIONS.		YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.			
		Barom.	Temp.	Wind.		Force (0 to 12).	Weather.	Barometer.		SHADE TEMP.			Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
								Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.	Dirce.	Max.				Min.		
		Inch.	°				Inch.	°	°										Inch.	
SCANDINAVIA.	Haparanda ...	29.05	-5	SE	2	c	29.07	-0.09	-4	-5	0	SE	2	0	*	c	0	-6	0.08	
	Hernösand ...	29.02	23	E	0	0	29.05	+0.14	22	21	-1	E	2	0	*	0	25	19	—	
	Stockholm ...	29.06	28	E	0	0	29.05	+0.08	24	23	-1	NW	2	0	*	0	28	23	—	
	Wisby ...	29.05	31	W	4	0	29.05	+0.02	29	28	+2	NW	4	0	*	0	32	21	—	
	Bodö ...	29.07	28	E	4	0	29.05	+0.07	25	24	+1	SE	6	0	*	0	28	21	—	
SCANDINAVIA.	Christiansund...	29.07	37	NW	5	0	29.00	+0.33	37	33	+1	W	5	6	6	0	39	36	0.09	
	Skudesnaes ...	29.11	38	NW	5	7	29.10	+0.23	36	36	-3	E	1	0	0	CT	3	32	—	
	Christiania Fjord (Vierder)	29.54	32	NW	2	6	29.07	+0.25	24	24	-7	E	0	6	2	6	32	23	—	
	Skagen (The Seaw)	29.50	37	NW	2	6	29.05	+0.10	35	33	0	NW	1	6	0	6	37	34	—	
	Fanö ...	29.12	38	E	2	6	29.10	+0.12	32	32	-1	NW	2	6	*	6	36	32	—	
SCANDINAVIA.	Sumburgh Head	29.13	40	NW	1	6	29.03	-0.03	42	42	+1	W	2	7	5	6	43	40	0.18	
	Stornoway ...	29.23	40	W	2	7	29.54	-0.21	47	47	+9	W	6	7	6	CT	47	36	0.05	
	Wick ...	29.24	39	NW	2	6	29.50	-0.18	47	46	+1	W	5	0	3	6	47	34	0.20	
	Nairn ...	29.26	39	2	0	6	29.57	-0.10	43	41	+3	NW	2	0	1	6	43	35	0.01	
	Aberdeen ...	29.32	37	SW	2	6	29.05	-0.15	39	38	+2	SW	2	0	2	6	43	35	0.10	
SCANDINAVIA.	Leith ...	29.38	42	W	2	6	29.10	-0.10	42	41	+4	NW	4	0	*	6	44	37	—	
	Shields ...	29.44	40	W	1	6	29.25	-0.22	40	39	+4	E	2	0	2	6	45	34	—	
	Spurn Head ...	29.44	37	NW	3	6	29.33	+0.03	35	34	-1	SW	2	0	2	6	39	34	—	
	York ...	29.44	40	W	1	6	29.33	-0.02	39	37	+4	W	1	6	*	6	45	32	—	
	Loughborough	29.45	39	NW	2	6	29.44	+0.09	35	34	-2	W	2	0	*	6	46	35	—	
ISLANDS.	Ardrossan ...	29.40	43	NW	2	6	29.22	-0.10	43	43	0	SW	5	7	4	0	46	42	0.20	
	Malin Head ...	29.34	42	SW	4	6	29.15	-0.15	47	46	+8	SW	5	0	3	0	47	38	0.09	
	Mullaghmore ...	29.39	44	SW	5	6	29.24	-0.14	47	46	+8	SW	5	0	4	0	47	38	0.10	
	Belmullet ...	29.36	46	SW	4	0	29.22	-0.18	47	46	+9	NW	2	0	*	0	47	38	0.25	
	Donaghadee ...	29.44	37	SW	2	6	29.28	-0.10	42	42	+7	SW	2	7	1	6	44	35	0.02	
BRITISH ISLANDS.	Liverpool (Bidston)	29.50	39	W	2	6	29.41	0.00	40	38	+3	SW	2	0	1	6	43	33	—	
	Holyhead ...	29.50	41	NW	1	6	29.40	-0.01	40	42	+4	SW	4	0	4	6	47	40	—	
	Parsonstown ...	29.49	39	2	0	6	29.38	-0.08	40	43	+8	SW	1	0	*	6	48	35	—	
	Valencia ...	29.46	46	E	4	6	29.45	-0.03	53	48	+13	SW	4	0	4	0	50	38	—	
	Roche's Point	29.52	42	SW	1	6	29.47	-0.01	46	44	+11	NW	4	6	4	0	49	38	—	
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.52	43	NW	2	6	29.47	+0.01	45	42	+3	NW	4	0	4	6	46	40	—	
	Scilly ...	29.51	44	NE	1	6	29.54	+0.09	46	43	+1	W	2	6	4	6	49	40	—	
	Prawle Point ...	29.54	42	NW	1	6	29.56	+0.00	40	38	+1	NW	2	6	1	6	53	35	—	
	Jersey (St. Aubin's)	29.53	44	NW	3	6	29.58	+0.15	35	34	-7	NW	2	6	3	6	48	34	—	
	Hurst Castle ...	29.52	37	N	1	6	29.52	+12	35	35	+2	NW	1	0	0	6	48	30	0.01	
BRITISH ISLANDS.	Dungeness ...	29.45	45	NW	2	6	29.47	+11	35	35	-4	NW	2	6	1	6	48	28	—	
	North Foreland	29.42	38	NW	3	6	29.46	+12	34	33	-1	NW	2	6	2	6	42	32	—	
	London ...	29.49	35	2	0	6	29.50	+10	30	29	-1	SW	1	6	*	6	44	29	—	
	Oxford ...	29.57	37	W	1	6	29.51	+0.09	29	28	-3	NW	1	6	*	6	44	28	—	
	Cambridge ...	29.48	36	NW	1	6	29.49	+0.01	30	30	-6	E	1	6	*	6	46	28	—	
BRITISH ISLANDS.	Yarmouth ...	29.40	37	NW	2	6	29.42	+13	31	30	-3	W	2	6	3	6	41	29	—	
	Cuxhaven ...	29.17	34	W	2	0	29.24	+12	36	34	0	NW	2	6	*	0	37	32	—	
	Berlin ...	29.14	34	W	3	0	29.17	+0.07	35	34	0	NW	2	0	*	0	37	30	—	
	Wiesbaden ...	#	#	#	#	#	29.38	+15	37	35	-2	NW	2	6	*	0	43	28	—	
	Munich ...	29.27	31	NW	4	0	29.32	+14	30	29	-1	NW	5	0	*	0	38	28	0.20	
GERMANY & HOLLAND.	The Helder ...	29.38	38	NW	1	6	29.44	+14	37	37	0	NW	1	0	2	6	39	37	?	
	Brussels (9 a.m.)	#	#	#	#	#	29.48	+14	32	32	-1	SW	2	6	*	6	42	32	—	
	Cape Gris Nez	29.43	41	NW	4	6	29.45	+15	30	38	-2	NW	2	6	3	6	43	37	—	
	Paris ...	29.49	35	NE	1	6	29.54	+19	30	30	-7	N	1	6	*	6	42	30	—	
	Brest ...	29.47	46	N	1	6	29.54	+19	46	46	0	NE	1	6	3	6	53	37	—	
FRANCE AND BELGIUM.	Lorient ...	29.48	46	NE	3	6	29.57	+21	37	36	-4	E	0	6	4	6	46	36	—	
	Rochefort ...	29.32	43	ENE	5	6	29.50	+25	35	34	-12	ENE	4	6	*	6	50	32	—	
	Belfort ...	29.36	36	E	2	6	29.40	+16	33	30	-11	E	2	6	*	6	42	30	—	
	Lyons ...	29.41	41	N	4	0	29.40	+16	33	30	-10	N	5	6	*	0	47	33	—	
	Nice ...	29.05	48	SW	1	6	29.07	+16	39	37	-6	ENE	3	6	1	6	52	37	—	
PENINSULA.	Perpignan ...	29.15	34	NW	4	0	29.22	+0.44	44	39	-5	NW	6	6	*	0	53	43	—	
	Biarritz ...	29.28	53	NE	4	0	29.50	+26	37	35	-14	E	3	6	5	0	54	34	—	
	Corunna ...	#	#	#	#	#	29.20	+0.6	49	48	+2	NW	3	6	*	6	63	49	—	
	Lisbon ...	29.26	54	NE	4	6	29.20	+0.6	49	48	+2	NW	3	6	*	6	63	49	—	

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 26th January 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:

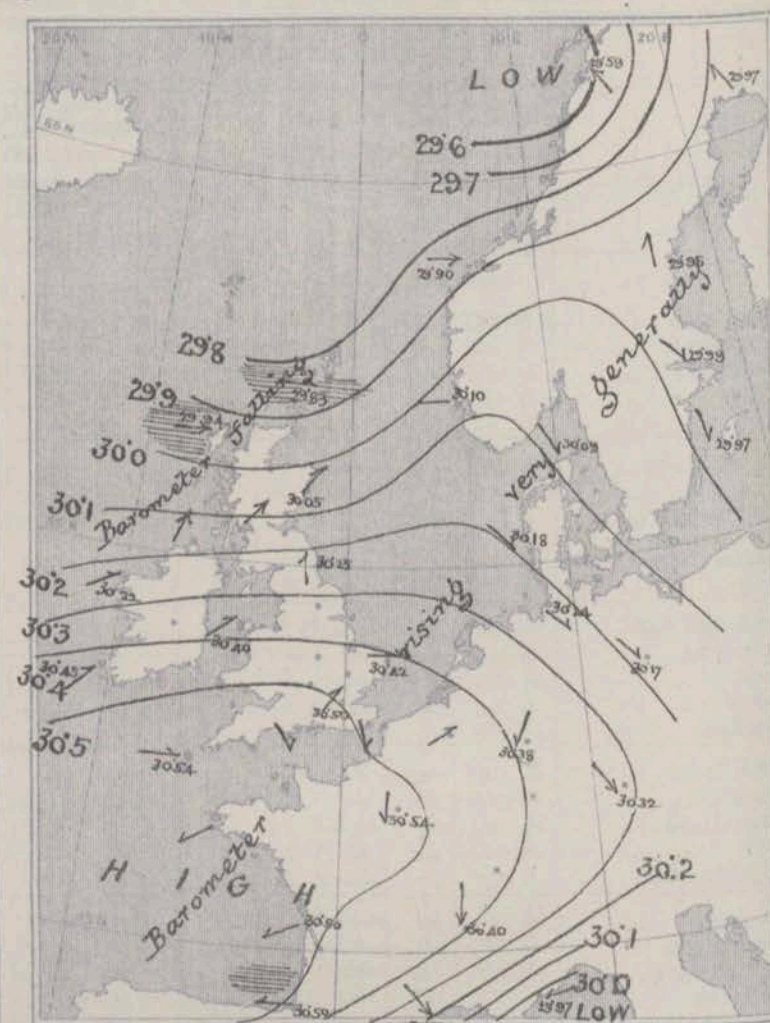
☼ = Rough, ☼ = High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.925
York	29.932
Loughborough	29.907
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Sally	29.959
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

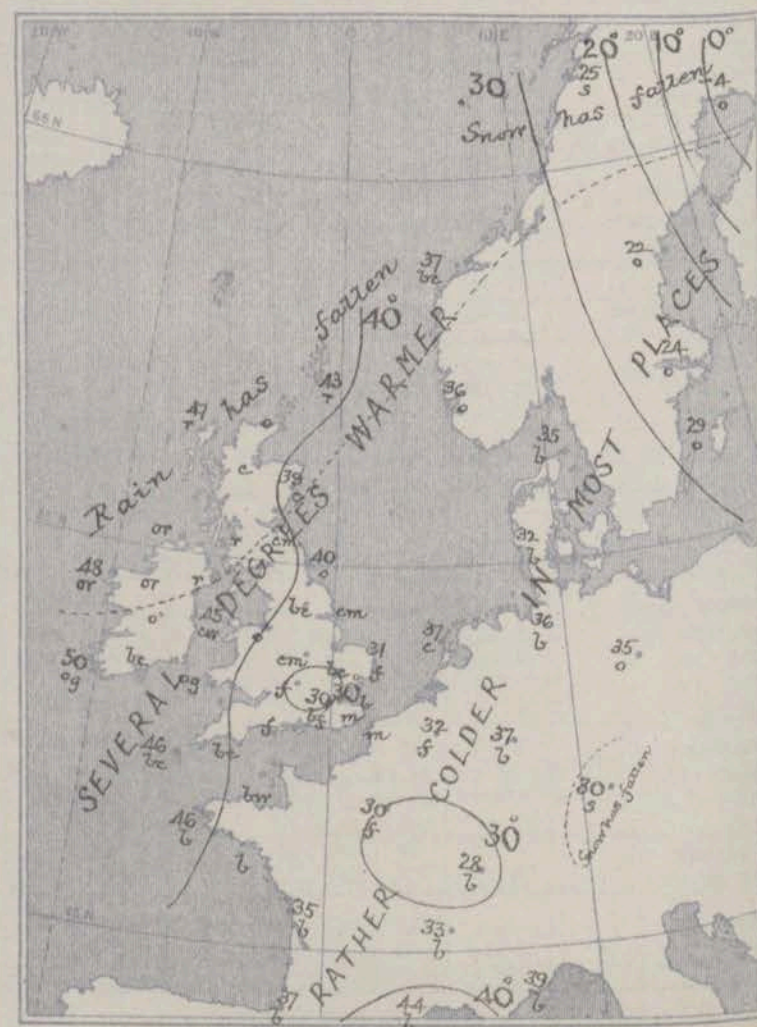
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.9	35.6	29.7	33.4	3.72
Stornoway	43.3	34.5	29.5	33.4	5.30
Wick	42.4	33.3	38.2	30.8	2.05
Nairn	42.2	32.9	37.2	33.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.9	1.75
Spurn Head	41.7	34.5	37.7	35.7	1.35
York	42.7	32.6	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	4.36
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.0	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.13
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.50
Pembroke	45.5	39.6	42.7	41.3	3.75
Sally	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.04
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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 30.2 in. in an anticyclone covering Ireland, England, France, the Bay of Biscay and Spain.
 Lowest, 29.6 in. and less, off the north-west coast of Scandinavia, and 29.3 in. and less, off the north of Scotland.
 Gradients slight in the south, moderate and increasing in the north.
 Barometer falling very decidedly at our northern stations, and just beginning to fall in the south.

TEMPERATURE

Highest, 50° at Valence Island, 48° at Bilmullet, 47° at Malin Kt., Norway and Wick, 46° at Scilly.
 Lowest, -4° F. at Haparanda, +24° at Stockholm, 28° at Belfast, 29° at Oxford, 30° at London, Paris, and Munich.
 It has risen decidedly over the western and northern parts of our Islands, and the air is spreading to England, where the night has been very cold.

WIND

SW², fresh, in Ireland; W² and freshening in Scotland.
 NW² and W², light, over England; N² to NE over France.
 The SW² and W² wind seems to be increasing in force and spreading southwards.

WEATHER

Fine and bright over Spain, France, and the southeastern half of England, dull and very unsettled over our western and northern districts, with rain in the Shetlands and the northwestern parts of Ireland and Scotland, snow at Bodo.
 Rainfall has been general over our extreme northern and northwestern districts, but not heavy.

SEA

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A well-marked depression is apparently advancing towards Scotland and the North Sea from the north-westward, and seems likely to cause NW² gales on our most northern coasts, and very unsettled showery weather generally—snow in places.

FORECASTS

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

DISTRICTS.

FORECASTS.

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

W² to NW² winds, strong to a gale; squally, cold showers.
 NW² breezes, freshening; showery, changeable, unsettled.
 Varying W² (SW to NW) winds; fair to showery and unsettled.

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.

SW² to NW² winds, strong; squally, showery.

WARNINGS

At 10.20 a.m. to district 0 and part of 1.
 "Hoist North Cone"

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.							Dry.	Wet.				
Skudesnaes ...	30. 55	43	38	NW	7	c	4	Valencia ...	30. 44	47	44	SE	4	c	3
Sumburgh Head ...	30. 05	40	35	NW	4	b	5	Scilly ...	30. 51	44	44	NW	2	bc	3
Stornoway ...	30. 23	44	44	W	3	c	3	Jersey ...	30. 47	44	44	N	3	bc	1
Aberdeen ...	30. 24	42	38	NW	3	b	2	Hurst Castle ...	30. 44	44	44	N	1	c	1
Shields ...	30. 35	45	41	W	2	bc	2	Dungannon ...	30. 40	44	42	NW	3	b	2
Ardrossan ...	30. 30	45	44	NW	2	o	1	North Foreland ...	30. 40	42	41	NW	3	bc	2
Malin Head ...	30. 37	44	42	SW	4	bc		London ...	30. 45	44	41	W	1	bc	2
Mullaghmore ...	30. 42	45	43	SW	4	om	4	Yarmouth ...	30. 34	41	39	NW	3	b	3
Belmullet ...	30. 41	46	44	NW	2	o	*	Rocheport ...	30. 29	46	45	ENE	5	c	*
Holyhead ...	30. 47	44	43	NW	1	bc	2								

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

Weather fine over the greater part of the United Kingdom, but with fog or haze in some few places. Fine also over Denmark, Holland, and a considerable portion of Russia, but dull in most of the other continental countries, with fog over North Germany, Belgium, the south of France and northern Italy, and with snow at Christiania, Newchwang, Cooch, and Buda Pesth. Rain falling in later in the extreme north and northwest of our Islands.

Temperature highest 58° at La Caille and Malta, 56° at Tunis, 53° at Oran, and 51° at Bilbao; above 45° at the Spanish and Mediterranean stations generally, as well as on the shores of the Bay of Biscay. Lowest -26° F. at Archangel, -25° at St. Petersburg, -23° at Kuopio, -22° at Khabarovsk, and -13° at Moscow; below zero over Russia generally and also in the north of Sweden; below the freezing point in the southeast of England, but above it in Germany and some parts of Austria. Rising during day to 45° and upwards, in many parts of the United Kingdom, exceeding 50° in the south of France, and reaching 63° at Lisbon.

Wind light or moderate from the Wnd over the northern, eastern, and central parts of Great Britain, as well as on the eastern shores of the North Sea; Sth or SEth over Sweden and the Baltic. Light from the SWnd in the north of Ireland, from the NWth or Nth in the west and south of our Islands, and from N. or NE. over France and Spain. Variable over Italy, Austria, and Russia. Cyclonic circulation reported over Algeria. Subsequently backing to the Sth over Ireland generally.

Barometer highest 30.6 in: and upwards, in a small anticyclone lying over the south of Russia, 30.4 in: and upwards, in another system lying over the north of Russia, and also in a larger area extending from the Atlantic over Ireland, Wales, the southwest of Ireland and the northwest of France. Lowest 29.5 in: and less, in a depression lying off the west of Norway, 29.3 in: and less, in another disturbance lying over Algeria. Norwegian depression subsequently moving away northwards, but fresh disturbances beginning to approach 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; i. 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 Wednesday, 27th January, 1892.

1892.

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

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STATIONS.		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (10 to 2).	Weather.	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).			Max.	Min.			
		Inch.	°				Inch.	°	°	°								Inch.		
SCANDINAVIA.	Haparanda ...	29.62	6	S	4	0	29.40	- .57	14	14	+ 18	S	4	0	#	0	?	0.04		
	Hernösand ...	29.69	25	Z	0	6	29.53	- .42	25	24	+ 3	Z	0	bc	#	6	25	14		
	Stockholm ...	29.89	23	Z	0	0	29.71	- .28	29	28	+ 5	msw	2	0	#	0	30	23		
	Wisby ...	29.93	30	SSW	4	0	29.78	- .19	33	32	+ 4	SW	6	S	#	0	34	27		
	Bodö ...	29.38	32	SE	3	0	29.13	- .46	40	39	+ 15	msw	6	T	3	0	?	25		
SCANDINAVIA.	Christiansund...	29.62	41	msw	9	5	29.52	- .38	40	37	+ 3	SW	3	C	5	S	41	37		
	Skudesnaes ...	29.85	41	NW	5	bc	29.66	- .44	41	40	+ 5	SE	4	S	3	bc	41	36		
	Christiania Fjord (Færdø)	29.78	36	SSW	2	0	29.71	- .37	29	29	+ 5	Z	0	S	2	0	36	24		
	Skagen (The Seaw)	29.82	35	SW	3	0	29.74	- .35	35	34	0	SW	1	b	0	0	35	32		
	Fanö ...	29.94	36	msw	4	0	29.93	- .25	35	35	+ 3	W	3	C	#	0	36	32		
BRITISH ISLANDS.	Sumburgh Head	29.88	43	msw	3	0	29.35	- .48	45	45	+ 2	SW	1	T	4	bc	46	36		
	Stornoway ...	29.94	43	SW	3	bc	29.41	- .53	48	48	+ 1	W	5	0	5	bc	50	40		
	Wick ...	29.96	41	msw	3	6	29.41	- .54	47	46	0	SW	5	0	4	bc	47	39		
	Nairn ...	29.99	41	W	2	C	29.45	- .52	48	46	+ 5	msw	3	C	1	C	51	37		
	Aberdeen ...	30.06	40	msw	1	bc m	29.54	- .51	47	45	+ 8	SW	5	equ	3	bc m	49	34		
BRITISH ISLANDS.	Leith ...	30.11	46	msw	1	0	29.66	- .52	50	49	+ 8	SW	5	T	#	0	51	41		
	Shields ...	30.14	46	SW	4	C	29.80	- .45	47	45	+ 7	S	4	C	2	TC	51	39		
	Spurn Head ...	30.21	41	SW	4	og m	29.92	- .31	44	43	+ 9	SW	4	og	3	omg	44	34		
	York ...	30.22	45	W	2	b	29.91	- .42	47	45	+ 8	msw	1	C	#	b	47	37		
	Loughborough	30.26	44	W	3	C	30.00	- .46	46	44	+ 11	SW	3	C	#	C	46	35		
BRITISH ISLANDS.	Ardrossan ...	30.09	46	SW	3	0	29.67	+ .55	46	46	+ 3	SW	5	T	5	m 0	47	43		
	Malin Head ...	30.08	48	S	5	0 d	29.64	- .51	46	46	- 1	SW	5	OT	3	d 0	49	46		
	Mullaghmore ...	30.12	50	SW	5	op m	29.74	- .50	47	47	0	SW	5	OT	4	omp	51	47		
	Belmullet ...	30.12	48	SW	4	om	29.74	- .48	48	47	0	msw	4	op	#	OT	50	47		
	Donaghadee ...	30.19	48	SW	3	0	29.75	- .53	48	47	+ 6	msw	5	0	3	0	60	42		
BRITISH ISLANDS.	Liverpool (Bidston)	30.26	44	msw	2	0	29.94	- .47	47	44	+ 7	SW	5	0	4	0	48	40		
	Holyhead ...	30.24	47	SW	4	TG	29.94	- .46	47	47	+ 2	SW	6	rmgy	5	gr	47	44		
	Parsonstown ...	30.25	50	SW	1	0	29.84	- .52	50	49	+ 5	SW	2	T	#	0	51	44		
	Valencia ...	30.31	50	SSW	4	om	29.92	- .53	52	52	+ 2	SW	7	og m	6	om	52	48		
	Roche's Point	30.36	47	msw	4	Tm	29.96	- .51	49	49	+ 3	SW	6	Tm	5	Tm	50	45		
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	30.38	45	msw	5	C	30.06	- .41	46	45	+ 1	SW	5	d m	5	C	46	44		
	Scilly ...	30.46	47	W	5	0	30.20	- .34	47	47	+ 1	SW	5	0	4	0	49	43		
	Prawle Point ...	?	45	msw	5	0	30.23	- .33	45	44	+ 5	W	6	og	5	C 0	45	30		
	Jersey (St. Aubin's)	30.51	46	W	3	og	30.31	- .27	46	43	+ 11	SW	4	og m	3	C og	49	34		
	Hurst Castle ...	30.43	44	msw	5	0	30.19	- .35	44	43	+ 9	W	5	C d	2	C 0	46	35		
BRITISH ISLANDS.	Dungeness ...	30.34	42	W	5	0	30.13	- .34	43	43	+ 14	W	5	d	4	C 0	48	27		
	North Foreland	30.32	40	msw	3	TG	30.09	- .37	44	43	+ 10	msw	1	og	2	og T	44	33		
	London ...	30.36	42	SW	1	0 d	30.12	- .38	44	43	+ 14	msw	3	0	#	0	45	30		
	Oxford ...	30.33	43	msw	3	0	30.12	- .39	44	43	+ 15	msw	3	0	#	0	45	28		
	Cambridge ...	30.31	41	S	2	bc	30.11	- .36	45	44	+ 15	SW	4	0	#	bc	45	29		
BRITISH ISLANDS.	Yarmouth ...	30.24	39	W	4	0 d	30.02	- .40	44	43	+ 13	W	3	cm	3	C d	44	30		
	Cuxhaven ...	30.24	37	W	2	f	30.03	- .21	37	36	+ 1	W	3	0	#	f	38	36		
	Berlin ...	30.15	34	msw	3	0	30.02	- .15	35	34	0	W	1	0	#	0	36	32		
	Wiesbaden ...	#	#	#	#	#	30.17	- .21	37	36	0	SW	1	0	#	#	39	34		
	Munich ...	30.35	30	W	4	S	30.20	- .12	30	30	0	SW	6	S	#	S	32	28		
FRANCE AND BELGIUM.	The Helder ...																			
	Brussels (9 a.m.)	#	#	#	#	#	30.16	- .32	40	40	+ 8	SW	2	T	#	0	40	32		
	Cape Gris Nez	30.35	42	msw	4	0	30.17	- .28	43	43	+ 4	msw	4	0	2	0	45	36		
	Paris ...	30.55	35	S	1	0	30.30	- .24	39	39	+ 9	SW	2	T	#	0	?	30		
	Brest ...	?	46	msw	1	0	?	?	46	43	0	W	3	0	3	0	48	36		
FRANCE AND BELGIUM.	Lorient ...	30.54	44	msw	1	6	30.39	- .20	46	42	+ 9	W	3	0	3	6	48	?		
	Rochefort ...	30.61	37	ENE	3	m	30.59	+ .09	37	36	+ 2	SE	2	m	#	f m	48	32		
	Belfort ...	?	32	E	2	b	?	?	32	26	+ 4	E	2	b	#	b	39	28		
	Lyons ...	30.44	35	N	4	b	30.38	- .02	34	32	+ 1	N	2	0	#	0	40	32		
	Nice ...	30.07	44	NE	2	b	30.12	+ .15	36	28	- 3	E	2	b	1	b	54	33		
FRANCE AND BELGIUM.	Perpignan ...	30.30	45	W	6	b	30.26	+ .04	42	34	- 2	msw	6	b	#	b	50	42		
	Biarritz ...	30.54	45	W	3	b	30.45	- .05	36	34	- 1	E	3	m	2	b f	50	30		
	Corunna ...	#	#	#	#	#														
	Lisbon ...	30.30	52	msw	4	b	30.34	+ .04	46	40	- 3	msw	3	b	#	#	59	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 Wednesday, 27th Jan: 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:

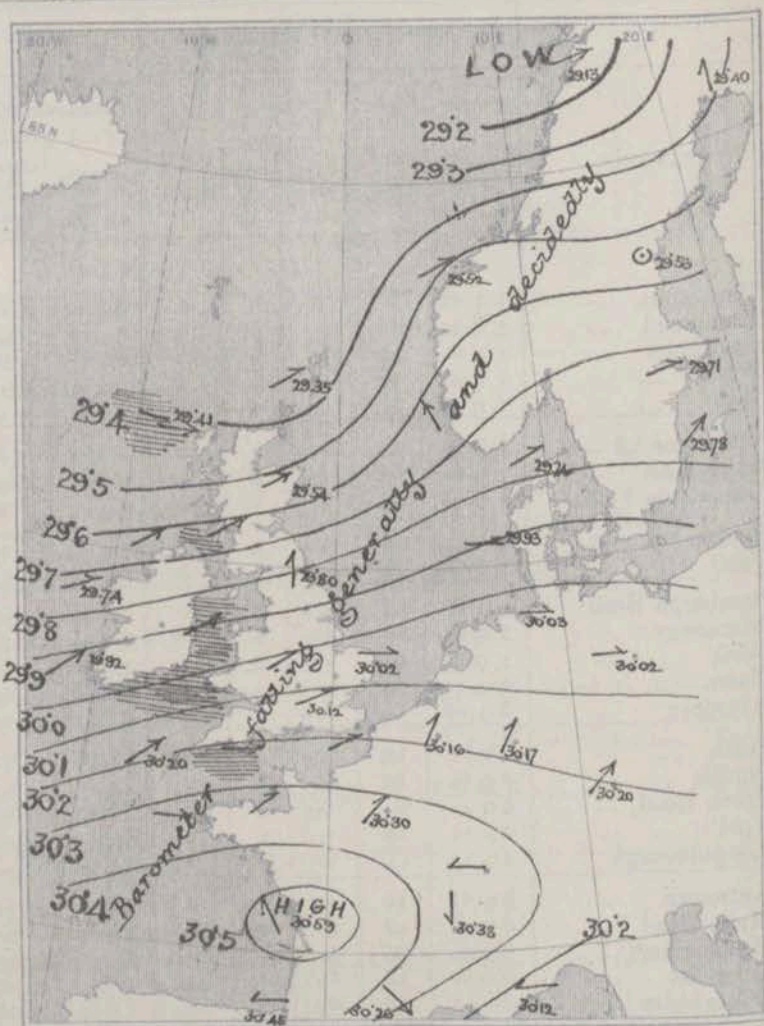
☼—Rough, ☼—High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Douaghadee	29.854
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.906
Pembroke	29.956
Scilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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 January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	Dry, at 8 a.m.	Wet, at 8 a.m.	
Sumburgh Head	42.0	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.6	38.4	5.30
Wick	42.4	33.3	38.2	38.8	2.08
Nairn	42.2	32.9	37.3	38.6	1.59
Aberdeen	42.4	33.2	37.3	38.6	2.31
Leith	44.4	33.7	38.6	37.2	1.23
Shields	43.0	34.2	38.2	36.9	1.76
Spurn Head	41.7	34.5	37.7	36.7	1.35
York	42.7	32.5	38.7	35.7	1.87
Loughborough	43.0	32.3	38.4	38.4	2.04
Ardrossan	44.2	35.3	40.0	38.8	4.26
Mullaghmore	46.1	38.0	41.6	40.4	4.36
Douaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.0	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.69
Roche's Point	47.7	39.5	43.2	41.9	5.60
Pembroke	45.5	39.0	42.7	41.3	3.75
Scilly	48.8	42.0	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.68
LONDON	44.1	38.8	37.6	36.6	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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, 30.5 in. and more to 30.2 in. in an anticyclone lying over the Bay of Biscay, France, and the Channel.
Lowest, 29.4 in. and less, off the north of Scotland; 29.2 in. and less, over Finnmark.

Gradients somewhat steep in the north, moderate over Ireland and England, slight over France.

Barometer falling generally and decidedly — most in the west and north-west.

TEMPERATURE

Highest, 52° at Valencia Island, 50° at Birnstown, 48° at Bournemouth, 47° at Tilly, Holyhead, Shields, and Aberdeen.

Lowest, 14° at Haparanda, 29° at Stockholm, 30° at Munich, 39° at Paris.

At none of our own stations was the 8 am reading below 43°. Daily maxima yesterday exceeded 50° at several of our western stations.

WIND

SW^{ly} to W^{ly} all over the United Kingdom, and blows very freshly at the western stations.

In France the wind is variable — E^{ly} at the southwestern stations —, and at Lisbon it is NE^{ly}.

WEATHER

Still fine in the east and south of France, cloudy or overcast at all our own stations and in Norway, with rain in several places.

Rain was measured at all but our southwestern stations this morning; the amounts, however, were inconsiderable except at Bilmullet and Bodø, where it amounted to 0.6 in.

SEA

Rather rough in the northwest and west, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the low pressure area continues to spread strong southwesterly to westerly winds and showers are likely to prevail very generally, but there is at present nothing of a threatening character noticeable.

FORECASTS

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

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

SW^{ly} winds, strong; squally, rainy.

1 SCOTLAND EAST

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

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

SW^{ly} winds, fresh or strong; squally, rain at times.

5 ENGLAND SOUTH

DISTRICTS.

FORECASTS.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

SW^{ly} winds, strong; squally, rainy, unsettled.

WARNINGS

At 10.40 a.m. to district 0 and part of 1. Lower Cone

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	F.	WEA.	SEA.		BAR.	THER.		WIND.	F.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.68	41	40	SEW	6	1	3	Valencia ...	30.36	50	45	SW	5	om	5
Sumburgh Head ...	29.86	45	44	WVW	4	6	5	Scilly ...	30.50	48	45	W	5	o	4
Stornoway ...	30.02	48	47	W	3	6	3	Jersey ...	30.53	47	44	WVW	3	o	3
Aberdeen ...	30.06	48	45	WVW	2	6	1	Hurst Castle ...	30.46	44	43	W	4	c	1
Shields ...	30.14	47	45	NW	5	c	2	Dungeness ...	30.38	44	42	W	5	c	2
Ardrossan ...	30.15	47	47	SW	3	cm	3	North Foreland ...	30.39	43	42	WVW	5	o	2
Malin Head ...	30.16	47	47	WVW	4	o	3	London ...	30.40	43	41	WVW	1	ogm	3
Mullaghmore ...	30.22	50	49	SW	5	o	4	Yarmouth ...	30.30	39	38	W	4	cj	3
Belmullet ...	30.21	48	48	SW	2	OT	#	Rochefort ...	30.54	35	35	E. W.	3	f	#
Holyhead ...	30.28	45	45	SW	4	q	4								

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

Continental Information not arrived.

General Remarks on the Weather over Europe for 24 hours ended 8 a.m. Jan: 25th 1892.

Weather fine over the greater part of the United Kingdom, but showing on our extreme northwest coast. Fine also over Poland, the Baltic Provinces and the southern parts of Spain and Italy, but dull over the Continent generally, with fog over Holland, North Germany, and the west and north of France, rain at Brussels and Munich, and snow in Austria as well as at Stockholm. Rain falling later in many parts of France and Germany, but sky clearing at the Russian stations. Thunderstorm occurring at Algiers and lightning seen at Vicks.

Temperature highest 58° at Nemsens, 56° at Palma, Algiers, and Malta, 55° at La Celle, and 54° at Oran, above 45° at nearly all the Mediterranean stations, as well as on the coast of France and Spain, and in the south and southeast of England. Lowest -28° F. at Archangel, -26° at Kharkov, -23° at Moscow, and -17° at Ulsborg; below zero over Russia generally, and also in the north of Sweden; considerably below the freezing point over North Germany and the south of Sweden. Hard frost continuing all day over northern and eastern Europe, but thermometer rising to between 45° and 53° at most of the English stations, and reaching 55° or more over Spain and the southern parts of France and Italy. Highest European reading 70° at Cape Horn and 64° at Kirovsk.

Wind light to fresh from the West over the northern, eastern, and central parts of our Islands, but NW² in the southeast. Light from the SW² over France and the Netherlands. Strong to a gale from the SE² or S² on the eastern shores of the North Sea, light or moderate from the same quarters over Sweden and the Baltic. Chiefly N in Russia and NW in Austria, but variable in Italy; NE in Spain and N² in Algeria. No important change occurring day.

Barometer highest 30.5 in: and upwards, over Northern Russia, 30.2 in: and upwards, in a large anticyclone of irregular form lying over the Bay of Biscay, Spain, the south of France and the greater part of Italy. Lowest 29.5 in: and less, in a large depression lying to the northward of our Islands and the westward of Norway. Depression subsequently filling up, barometer rising generally, and new anticyclone advancing towards our southwest coast from the Atlantic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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 Thursday 28th January, 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.						9 A.M. TO DAY.								PAST 24 HOURS.			
	BAROM.		TEMP.		WIND.		BAROMETRICAL.		SHADE TEMP.			WIND.			SHADE TEMP.		Amount of Rainfall.	
	Reading at 32° F. and Sea Level.	Dry Bulb.	Dirce.	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.	Dirce.	Force (0 to 12).	Weather.	Sea (10 to 9).	Weather.	Max.		Min.
Inch.	°				Inch.	°	°	°										Inch.
SCANDINAVIA.																		
Haparanda ...	29.38	13	S	4	0	29.31	-0.9	15	15	+1	SSE	4	0	#	0	?	5	-
Hernösand ...	29.39	17	Z	0	1	29.25	-1.5	30	30	+5	SE	2	0	#	0	36	12	0.16
Stockholm ...	29.44	30	Z	0	0	29.30	-1.4	34	34	+5	S	2	1	#	0	?	2.1	0.04
Wisby ...	29.60	35	SSW	4	0	29.38	-1.0	36	34	+3	S	6	1	#	0	37	33	0.08
Bodö ...	29.18	36	E	2	6	28.89	-2.4	36	35	-4	SSE	4	0	2	0	40	32	-
Christiansund...	29.06	41	SE	4	7	29.08	-1.4	41	38	+1	WSW	2	0	5	1	41	37	0.20
Skudesnaes ...	29.35	44	WNW	1	0	29.47	+1.9	44	38	0	W	5	0	4	10	2	39	0.59
Christiania Fjord (Fjorder)	29.34	36	S	3	f	29.34	-0.7	34	31	+5	WSW	3	0	2	f	36	29	-
Skagen (The Scaw)	?	37	SSW	5	7	29.41	-0.3	39	38	+4	WNW	4	0	2	7	39	32	0.20
Faenø ...	29.51	36	WNW	2	7	29.63	-0.30	36	36	+1	W	4	0	#	5	37	34	0.59
BRITISH ISLANDS.																		
Sumburgh Head	29.21	44	WSW	4	c	29.44	+0.09	41	39	-4	WNW	5	0	5	c	46	40	0.15
Stornoway ...	29.45	42	W	6	bc	29.68	+0.27	40	40	-8	SW	6	1	6	0 c	48	35	0.04
Wick ...	29.41	36	W	6	b	29.61	+0.20	38	37	-9	WNW	5	0	4	bc	47	35	0.05
Nairn ...	29.30	42	WSW	3	0	29.74	+0.25	39	37	-9	W	3	0	2	10	48	34	0.11
Aberdeen ...	29.52	42	W	2	bc	29.79	+0.25	39	35	-8	SW	3	0	2	c	49	38	-
Leith ...	29.59	44	SW	1	b	29.89	+0.23	40	38	-10	W	4	0	4	bc	50	37	0.03
Shields ...	29.60	47	SW	2	c	29.98	+0.18	39	37	-8	W	3	0	2	0 c	51	35	-
Spurn Head ...	29.60	44	SW	5	r	30.08	+0.16	39	37	-5	WNW	5	0	5	r	45	37	0.14
York ...	29.63	47	SW	2	r	30.10	+0.19	41	39	-6	W	3	0	#	r	49	35	0.22
Loughborough	29.68	47	W	6	r	30.18	+0.16	38	36	-8	WNW	4	0	#	r	49	37	0.05
GERMANY & HOLLAND.																		
Ardrossan ...	29.69	43	W	4	bc	29.96	+0.29	43	42	-3	WSW	4	0	3	bc	47	39	0.08
Malin Head ...	29.75	42	W	6	bc	29.92	+0.28	41	41	-5	SW	5	0	4	bc	46	37	0.19
Mullaghmore ...	29.91	42	W	7	bc	30.04	+0.30	44	43	-3	WSW	6	0	6	bc	47	39	0.16
Belmullet ...	30.01	43	WNW	7	bc	30.07	+0.33	48	48	0	W	7	0	#	bc	48	40	0.22
Donaghadee ...	29.78	41	WNW	6	bc	30.06	+0.31	39	38	-9	SW	6	0	4	bc	50	38	0.04
FRANCE AND BELGIUM.																		
Liverpool (Bidston)	29.78	42	WNW	6	0	30.16	+0.22	40	38	-7	W	6	0	5	0	49	39	0.31
Holyhead ...	29.84	43	WNW	4	c	30.22	+0.28	43	42	-7	WSW	5	0	5	c	48	40	0.19
Parsonstown ...	30.00	41	WSW	2	r	30.22	+0.38	45	43	-5	WSW	2	0	#	r	50	36	0.22
Valencia ...	30.19	43	WNW	6	bc	30.35	+0.43	50	47	-2	WSW	5	0	5	bc	52	42	0.14
Roche's Point	30.09	43	WNW	5	b	30.33	+0.37	43	41	-6	W	3	0	4	bc	52	40	0.15
Pembroke (St. Ann's Hd.)	29.97	46	WNW	6	bc	30.34	+0.28	46	45	0	W	6	0	6	bc	48	43	0.12
Scilly ...	30.12	47	WNW	6	c	30.46	+0.26	47	45	0	WNW	4	0	5	c	52	43	0.11
Prawle Point ...	30.02	44	W	6	b	30.44	+0.21	42	40	-3	W	3	0	2	bc	48	35	0.17
Jersey (St. Aubin's)	30.08	47	WSW	4	bc	30.45	+0.14	44	39	-2	W	3	0	3	bc	48	43	0.07
Hurst Castle ...	29.93	45	W	7	bc	30.33	+0.14	39	38	-5	WNW	6	0	3	bc	46	38	0.04
SPAIN & PORTUGAL.																		
Dungeness ...	29.86	45	W	7	r	30.21	+0.08	37	36	-6	W	4	0	4	0 r	46	36	0.06
North Foreland	29.81	45	WSW	6	r	30.21	+0.12	38	38	-6	WNW	5	0	3	0 r	46	37	0.18
London ...	29.82	47	SW	4	bc	30.27	+0.15	36	35	-8	WNW	2	0	#	0 r	47	36	0.07
Oxford ...	29.87	43	WSW	4	0	30.30	+0.18	37	35	-7	WSW	3	0	#	0 r	48	36	0.06
Cambridge ...	29.73	47	SW	2	b	30.23	+0.12	37	35	-8	W	2	0	#	0	48	35	0.03
Yarmouth ...	29.73	44	SW	4	bc	30.11	+0.09	38	36	-6	WNW	4	0	4	bc	46	36	0.11
ITALY.																		
Cuxhaven ...	29.77	36	WSW	3	r	29.66	-0.27	37	37	0	W	4	0	#	r	38	36	0.32
Berlin ...	29.85	36	SW	2	0	29.73	-0.29	38	38	+3	W	2	0	#	0	37	35	0.24
Wiesbaden ...	#	#	#	#	#	29.92	-0.25	41	39	+4	SW	2	0	#	#	41	36	0.12
Munich ...	30.05	30	SW	3	c	29.98	-0.22	33	33	+3	SW	6	0	#	c	34	30	0.32
The Helder ...	29.73	41	SW	3	r	29.99	-0.22	40	38	-2	W	4	0	4	r	41	39	0.39
AFRICA.																		
Brussels (a.m.)	#	#	#	#	#	30.13	-0.03	39	37	-1	W	6	0	#	c	43	38	0.20
Cape Gris Nez	29.89	44	SW	6	r	?	?	40	38	-3	WNW	5	0	6	r	46	37	0.12
Paris ...	30.12	41	SW	3	0	30.26	-0.04	42	38	+3	W	4	0	#	0	44	39	0.08
Brest ...	?	48	W	5	0	?	?	44	42	-2	W	4	0	4	0	50	43	-
Lorient ...	30.19	49	W	6	r	30.50	+0.11	44	41	-2	W	3	0	4	r	49	43	0.04
ASIA.																		
Rochefort ...	30.34	46	WSW	4	0	30.45	-0.14	44	42	+7	W	5	0	#	0	?	37	0.08
Belfort ...	?	32	W	3	r	?	?	37	?	+5	W	3	0	#	r	37	32	0.12
Lyons ...	30.30	37	E	1	f	30.25	-0.13	33	33	-1	W	2	0	#	f	40	33	0.08
Nice ...	30.08	42	W	1	b	29.86	-0.26	39	36	+3	E	3	0	2	bc	50	36	-
Perpignan ...	30.23	46	W	3	c	30.28	+0.02	46	43	+4	W	6	0	#	c	52	42	-
Biarritz ...	30.41	42	Z	0	b	30.54	+0.09	50	46	+14	W	6	0	5	b	48	36	0.12
AMERICA.																		
Corunna ...	#	#	#	#	#	30.46	+0.12	45	39	-1	W	4	0	#	#	61	43	-
Lisbon ...	30.35	52	W	4	b	?	?	?	?	?	?	?	?	#	?	?	?	-

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 Thursday 28th Jan: 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:

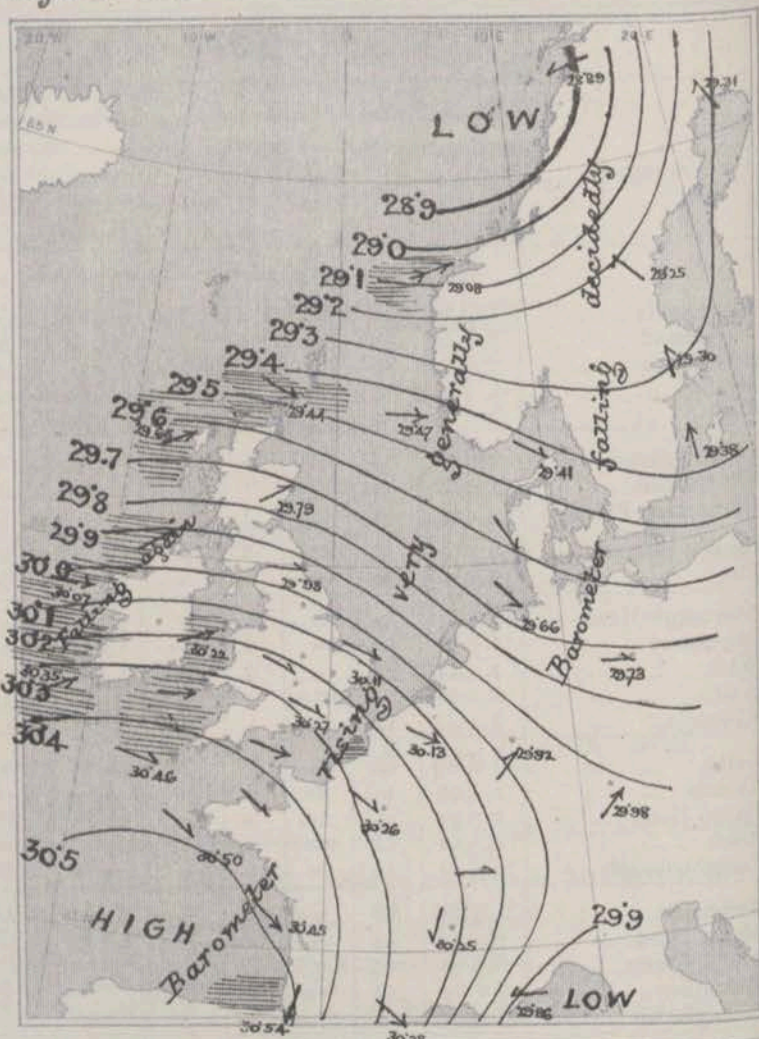
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.652
Wick	29.710
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardsman	29.938
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Rocha's Point	29.908
Pembroke	29.936
Sally	29.959
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

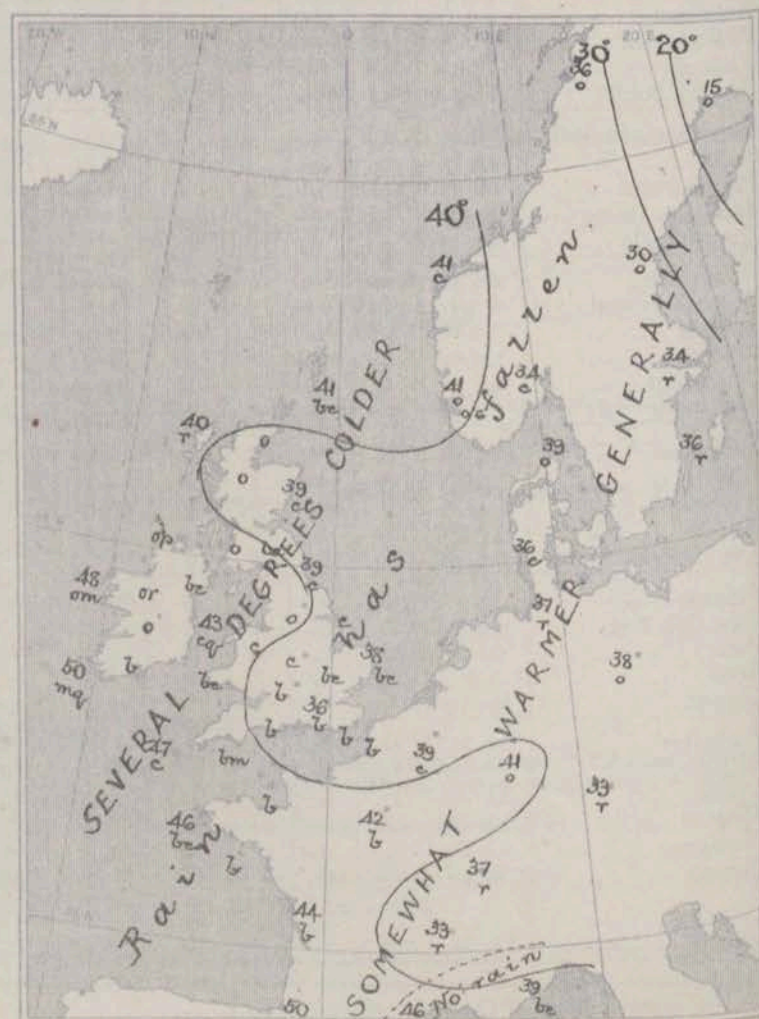
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m. Dry.	Wet.	
Sumburgh Head	42.9	35.6	39.7	38.4	8.72
Stornoway	43.3	34.5	39.6	38.4	6.30
Wick	42.4	33.3	38.3	36.8	2.05
Nairn	42.2	33.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.3	35.6	2.31
Leith	44.1	33.7	38.6	37.3	1.93
Shields	43.0	34.2	38.2	36.0	1.76
Spurn Head	41.7	34.5	37.7	35.7	1.35
York	42.7	32.3	36.7	36.7	1.87
Loughborough	43.0	32.3	36.4	35.4	3.04
Ardsman	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	1.35
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	45.6	38.7	41.7	40.3	3.38
Liverpool	43.5	36.2	38.6	37.0	2.22
Parsonstown	45.5	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.0	43.3	6.69
Rocha's Point	47.7	39.5	43.2	41.9	6.50
Pembroke	45.5	38.0	42.7	41.3	3.75
Sally	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.8	42.0	41.0	3.00
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	36.3	40.3	39.5	2.94
Dover	43.5	35.8	39.2	38.1	2.68
LONDON	44.1	33.8	37.6	36.0	2.12
Oxford	43.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.54
Yarmouth	41.5	33.8	37.5	36.7	1.95

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 an anticyclone lying over the Bay of Biscay, and the north of Spain.
Lowest, 28.9 in. and less, in a depression lying off the west of Norway.

Gradients rather steep generally.

Barometer rising in most parts of our Islands and France, but beginning to fall again in the west of Ireland, falling decidedly in Scandinavia, Denmark and Germany.

TEMPERATURE

Highest, 50° at Valence Island and Rinnitz, 48° at Kilmullet, 47° at Bally, 46° at Lospignan, and 45° at Larne, and at Killybegs.

Lowest, 15° at Haparanda, 30° at Helsingfors, 33° at Munich and Lyons, 34° at Stockholm and Copenhagen, and 36° at Rostock, Berlin, and in London.

During yesterday the thermometer rose to between 45° and 50° in most parts of the United Kingdom.

WIND

Moderate to strong from the West over the greater part of the United Kingdom, but SW^{ly} on our extreme northwest coasts.

Moderate or fresh from the NW^{ly} over France and the Netherlands.

SW^{ly} in Germany, and S^{ly} or SE^{ly} in Sweden.

WEATHER

Fine in most parts of our Islands and France, but dull and rainy on our extreme northwest coasts.

Dull over Scandinavia, Denmark, and Germany, with rain in many places.

Rain fell yesterday over nearly the whole of Western Europe, but the amount was in most cases slight.

SEA

Wavy or rather so on all the more exposed parts of our western, northern and eastern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

In the course of the night a fresh fall of the barometer has set in on our northwest coasts, so that another depression is evidently advancing from the Atlantic. Increasing winds are probable in the north and northwest, with gales in places.

FORECASTS

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW ^{ly} and W ^{ly} winds, increasing in force; dull, some rain.	6 SCOTLAND WEST	} SW ^{ly} and W ^{ly} winds, strong; squally, some rain.
1 SCOTLAND EAST	} SW ^{ly} and W ^{ly} winds, freshening; fair to squally and showery.	7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	Same as No ^s 3 to 5
3 ENGLAND EAST	} W ^{ly} winds, moderate to strong; fair to squally and showery.	9 IRELAND NORTH	Same as No ^s 1.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No ^s 3 to 5.
5 ENGLAND SOUTH			
		WARNINGS	Orders were issued at 10.20 a.m. to Hoist the South Cone in parts of Districts 0, and 9.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dirac.						Dry.	Wet.	Dirac.			
Skudesnaes ...	29.89	41	41	SSE	6	r	4	Valencia ...	30.06	52	51	W	6	ch. q. p.	6
Sumburgh Head ...	29.20	45	44	WSW	3	C	4	Scilly ...	30.05	52	51	WSW	6	C p	5
Stornoway ...	29.41	45	44	W	5	O	5	Jersey ...	30.18	48	44	WSW	4	C	3
Aberdeen ...	29.67	48	44	W	2	C	2	Hurst Castle ...	30.04	46	45	WSW	6	C q	6
Shields ...	29.60	50	47	SSW	2	O	2	Dungeness ...	30.00	45	45	W	7	C	4
Ardrossan ...	29.60	47	46	W	3	C	3	North Foreland ...	29.95	45	44	WSW	3	O q	4
Malin Head ...	29.63	45	42	W	5	O	3	London ...	29.95	47	45	SSW	3	O q	3
Mullaghmore ...	29.76	46	42	WSW	6	C	4	Yarmouth ...	29.86	46	45	WSW	4	om	3
Belmullet ...	29.81	46	43	WSW	6	O q p	4	Rochefort ...	30.40	43	42	SSE	2	m	3
Holyhead ...	29.73	47	47	WSW	4	om q	4								

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

Weather dull over the greater part of northwestern, northern, and central Europe, with rain in many parts of the United Kingdom, and with snow at some of the Baltic and German stations. Fine and bright in most of the southern countries, but dull in Algeria. Some improvement taking place in the west and north of our Islands, but very little change reported elsewhere.

Temperature highest (1) 53° at Algiers and Malta, 50° at Brindisi, and 49° at Barcelona and G. Cella; (2) 52° at Valencia, 50° at Fez, and 49° at Port Said; above 45° in nearly all parts of the United Kingdom. Lowest -35° F. at Moscow, -33° at Archangel, -13° at Kharkov, -14° at Helsinki, and -6° at Kiev, below the freezing point over Sweden, the Baltic, eastern Germany, and Austria. Fall taking place later in the western and northern parts of the United Kingdom, but thermometers remaining high over England.

Wind moderate to strong from the SWnd or Wnd over the United Kingdom, and light or moderate from the same quarters over Scandinavia, Denmark, and Germany. Light from the Snd or SEnd over Northern Russia, and from the Wnd in the south of that country. Strong from N. or NE. in Italy, and from the NWnd in Algeria; light from the End (SE. to NE) over Spain. Subsequently veering to the NWnd at several of our own western stations, and blowing very strongly in the north of Ireland.

Barometer highest 30.4 in: and upwards, in an anticyclone lying over Spain and the west of France, 30.3 in: and upwards in another system lying over Central Russia. Lowest 29.2 in: and less, in a depression lying off the northwest of Norway, 29.3 in: and less in another system lying to the northwest of Scotland, 29.6 in: and less in a third disturbance lying over the south of Italy. Depression off north of Ireland subsequently travelling away in a northeasterly direction, and barometer rising on all our western coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; l. 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 „

1892.

R. H. SCOTT, Secretary.

PENIN-
GULA.

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

WEATHER CHARTS

for 8 a.m. on Friday, 29th Jan. 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

→ force above 10 → force 8 to 10;

→ force 5 to 7; → force 1 to 4.

→ dead calm.

SEA DISTURBANCE—Where considerable, is shown thus

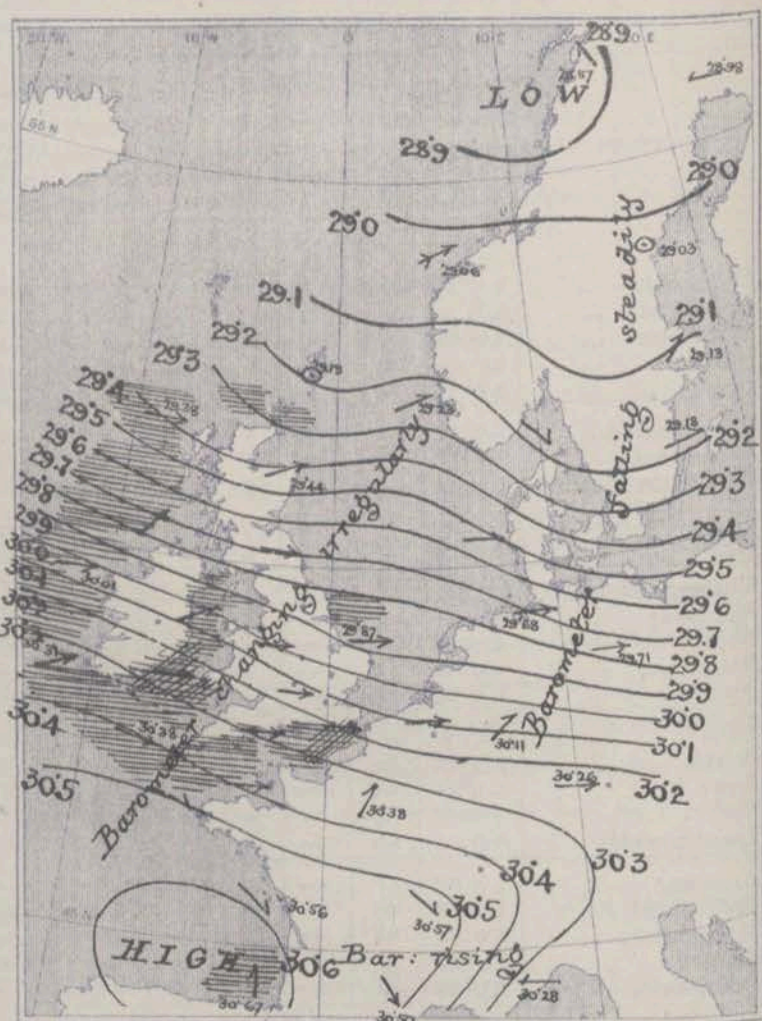
— Rough — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years, 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.746
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.938
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Silly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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.

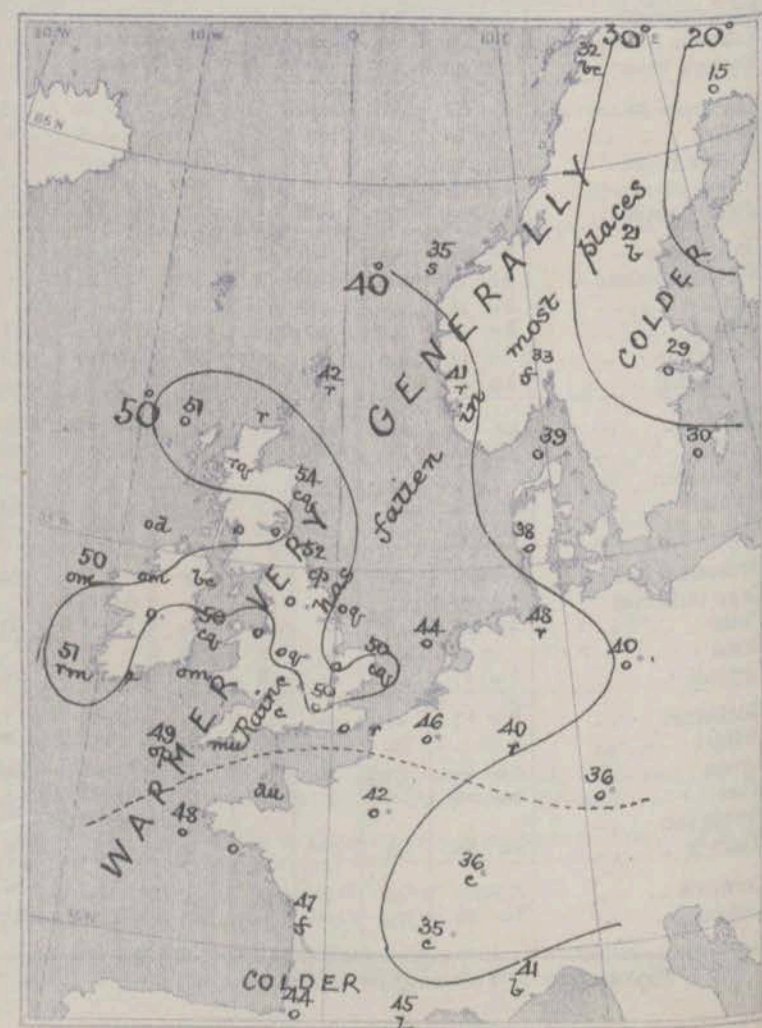
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.	Wet.	
Sumburgh Head	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.5	38.4	5.30
Wick	42.4	33.3	38.2	36.8	2.05
Nairn	42.2	32.9	37.2	35.6	1.99
Aberdeen	42.4	33.2	37.8	35.6	2.31
Leith	44.4	33.7	38.6	37.2	1.93
Shields	43.0	34.2	38.2	36.0	1.75
Spurn Head	41.7	34.5	37.7	36.7	1.35
York	42.7	32.6	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrossan	44.2	36.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	1.35
Donaghadee	44.4	36.1	40.0	39.2	2.98
Holyhead	43.6	38.7	41.7	40.3	3.38
Liverpool	43.5	35.2	38.6	37.0	2.22
Parsonstown	45.6	34.2	38.9	37.8	3.12
Valencia	49.5	40.4	44.5	43.3	6.60
Roche's Point	47.7	39.6	43.2	41.9	6.50
Pembroke	45.5	39.6	42.7	41.3	3.75
Silly	48.9	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey	45.8	38.3	41.8	40.4	3.21
Hurst Castle	45.0	38.3	40.3	39.3	2.91
Dover	43.5	35.8	39.2	38.1	2.58
LONDON	44.1	33.8	37.6	36.6	2.12
Oxford	45.1	33.6	37.1	36.1	2.26
Cambridge	43.3	31.7	36.2	35.4	1.64
Yarmouth	41.5	31.8	37.6	36.7	1.95

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 30.6 ins. and upwards in the southwest of France; 30.4 ins. and upwards over the whole of Spain and the Bay of Biscay, with the greater part of France.
 Lowest 28.9 ins. and less in a depression lying off the northwest of Norway.
 Gradients steep over our Islands, the Netherlands and Germany, but moderate or slight elsewhere.
 Barometer changing irregularly in our Islands, falling in Scandinavia, Denmark and Germany.

TEMPERATURE

Highest 54° at Aberdeen, 52° at Leith, Shields and York, and 51° at several of our other western and northern stations.
 Lowest 15° at Haparanda, 21° at Helsingfors, 29° at Stockholm, 30° at Ulsby, 32° at Rode and 33° at Faarlov.
 A considerable rise has taken place over the northern and eastern parts of Great Britain.

WIND

Strong from the Wnd over our Islands, the North Sea, the Netherlands and Germany.
 Light from the SWnd in the south of Sweden and from the End or SEnd in the north of Scandinavia.
 Variable in the south of France.

WEATHER

Dull over the greater part of western Europe, with rain in the north of Scotland as well as at some of the German stations, and showers in other isolated places.
 Snow was falling at Christiansund.
 Fine and bright in the extreme south of France.
 Rain fell yesterday in many parts of our area, but the amounts were in most cases slight.

SEA

High at Pembroke and Cape Gris Nez, and rough on all the more exposed parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes in pressure over our Islands are at present very irregular, and although the gradients are steep generally there are no indications of any serious gales. Strong westerly breezes and mild showery weather seem likely to continue generally.

FORECASTS

For the 24 hours ending at NOON on 30TH JANUARY 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

1 SCOTLAND
EAST

2 ENGLAND
N.E.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

Wnd winds, strong, squally, some rain.

Wnd winds, strong, squally, showery.

6 SCOTLAND
WEST

7 ENGLAND
N.W.

8 ENGLAND
S.W.

9 IRELAND
NORTH

10 IRELAND
SOUTH

Wnd and SWnd winds, strong, a gale in places; squally, some rain.

WARNINGS

The S. Cone is still flying in parts of districts 0. and 9.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	Ther. Dry. Wet.	Wind Dirac.	P.	WEA.	SEA.		BAR.	Ther. Dry. Wet.	Wind Dirac.	P.	WEA.	SEA.
Skudesnes ...	29.62	41 38	W	6	0	5	Valencia ...	30.31	51 49	WSW	6	0 g m	5
Bomburgh Head ...	29.46	40 30	WSW	3	0	5	Scilly ...	30.41	60 49	WSW	5	0	5
Stornoway ...	29.49	49 49	W	6	1	6	Jersey ...	30.49	51 46	WSW	3	0	3
Aberdeen ...	29.58	41 39	SSW	5	0 g g	3	Hurst Castle ...	30.37	46 42	W	5	0 c	4
Bhields ...	29.82	48 46	WSW	5	0	2	Dungeness ...	30.26	44 42	WSW	4	0	4
Ardrossan ...	29.82	50 48	W	5	0	4	North Foreland ...	30.26	44 42	WSW	4	0	4
Malin Head ...	29.84	46 46	SW	6	0 m	5	London ...	30.30	46 43	WSW	4	0	4
Mullaghmore ...	30.61	48 46	WSW	6	0 m	4	Yarmouth ...	30.14	43 40	W	5	0 m	4
Belmullet ...	30.04	49 48	WSW	7	0	4	Rochefort ...	30.52	47 44	NW	4	0	4
Holyhead ...	30.15	46 45	SW	6	0 g m	5							

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

Weather fair or fine over the greater part of western and southern Europe, but dull and rainy in the extreme northwest of our Islands. Cloudy or overcast over all the northern and central countries, with rain in many parts of Sweden, Denmark and Germany, as well as in the east of France and with snow at Turin. Dull weather setting in later in many parts of the United Kingdom, with rain in most districts, but amounts not large.

Temperature highest (1) 54° at La Cella, 52° at Algiers and Malta, and 51° at Barcelona, (2) 50° at Valencia Island, 48° at Belmullet, and 47° at Scilly. Lowest -33° at Archangel, -20° at Kharbov, -8° at Kiev and Odessa, and -3° at Nicolaieff; considerably below the freezing point over Austria, and very little above it over some of the central parts of France and Spain, below 40° over the eastern parts of Great Britain.

Considerable rise taking place over Great Britain later thermometer reaching 50° at some stations.

Wind moderate to strong from the Wnd over the greater part of the United Kingdom, but SWnd on our extreme northwestern coasts. Moderate from the NWnd over Denmark, the Netherlands and France; Nnd or NEnd over Spain and Italy. Light or moderate from the SWnd over Germany and from the SWnd or SEnd over Sweden and Russia, but variable in Austria. Some increase of wind taking place over our Islands later, with moderate gales on exposed parts of our coasts.

Barometer highest 30.5 ins. to 30.7 ins. in an anticyclone lying over Spain and the Bay of Biscay. 30.2 ins. and upwards in another system lying over Russia. Lowest 28.9 ins. and less in a depression lying off the northwest of Norway (gradients rather steep over northwestern Europe generally); 29.7 ins. and less in a shallow disturbance lying to the south of Italy. Secondary depression shifting the north of Scotland during day and barometer falling in many parts of the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

*AN ASTERISK is inserted in all places for which information is not usually received.
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, 30th January, 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 5).	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 ...	29.37	6	ESE	2	0	28.80	-18	0	-1	15	NE	2	C	#	0	21	-	-
	Hernösand ...	29.04	18	Z	0	b	28.56	-47	25	24	+4	Z	0	m	#	6	30	10	0.04
	Stockholm ...	29.19	25	W	2	b	28.65	-48	35	31	+6	W	2	0	#	6	36	25	-
	Wibby ...	29.27	35	SW	4	0	28.80	-38	39	37	+2	WSW	6	C	#	0	39	30	0.16
	Bodö ...	28.77	30	E	2	b	28.51	-36	26	24	-2	ESE	4	0	2	6	32	25	-
SCANDINAVIA.	Christiansund...	29.27	39	WSW	8	S	28.45	-61	38	37	+3	WSW	6	S	6	6	39	35	0.12
	Skudesnaes ...	29.29	46	W	6	T	28.97	-26	45	40	+5	WNW	9	0	6	7	46	41	0.12
	Christiania Fjord (Fjerder)	29.19	37	W	3	0	28.82	-33	38	36	+2	WSW	7	6	4	0	38	33	-
	Skagen (The Scaw)	29.25	40	W	7	0	29.02	-14	41	40	+1	W	8	6	5	0	41	36	-
	Fanø ...	29.59	39	W	6	0	29.48	-10	41	40	+1	W	6	C	#	0	41	37	0.04
BRITISH ISLANDS.	Sumburgh Head	29.12	47	W	7	T	29.58	+20	44	43	-1	W	7	0	6	0	53	40	0.18
	Stornoway ...	29.50	51	W	7	0	29.42	+19	43	42	-1	WNW	8	CU	7	0	?	?	0.13
	Wick ...	29.43	51	WNW	7	0	29.37	+13	45	43	-2	WSW	5	C	3	6	58	43	0.02
	Nairn ...	29.52	52	WSW	4	6	29.57	+15	44	38	-6	W	7	bq	4	bcq	58	44	-
	Aberdeen ...	29.60	52	SEW	3	6	29.59	+15	44	38	-6	W	7	bq	4	bcq	58	44	-
BRITISH ISLANDS.	Leith ...	29.76	52	W	7	0	29.77	+16	46	42	-4	W	7	bc	#	bc	55	38	-
	Shields ...	29.86	52	WSW	7	0	29.78	+15	46	44	-2	W	7	cp	2	0	55	40	-
	Spurn Head ...	29.94	49	W	7	0	29.88	+13	48	45	-3	W	6	0	6	0	50	47	-
	York ...	30.00	51	W	5	C	29.91	+10	50	47	-3	W	6	C	#	0	53	49	-
	Loughborough	30.12	51	W	6	0	30.00	+10	48	45	-3	WSW	8	C	#	0	53	47	-
BRITISH ISLANDS.	Ardrossan ...	29.92	50	SW	4	T	29.88	+11	47	45	-2	W	4	0	3	0	53	46	0.02
	Malin Head ...	29.87	48	WSW	6	0	29.90	+13	44	43	-1	WSW	5	0	4	0	49	43	0.05
	Mullaghmore ...	30.07	50	SW	6	0	30.02	+10	45	45	0	WSW	5	0	4	0	50	45	0.15
	Belmullet ...	30.10	50	WSW	7	0	30.03	+10	46	46	0	WNW	2	0	4	0	51	45	0.06
	Donaghadee ...	30.05	52	WNW	6	0	29.98	+10	45	44	-1	W	4	0	3	0	55	42	0.05
BRITISH ISLANDS.	Liverpool (Bidart)	30.11	51	WSW	7	0	30.02	+10	49	46	-3	WSW	7	0	5	0	52	48	-
	Holyhead ...	30.17	50	SW	4	0	30.09	+10	48	46	-2	WSW	4	0	4	0	53	49	-
	Parsonstown ...	30.22	50	SW	2	0	30.12	+10	49	48	-1	SW	2	0	#	0	52	47	-
	Valencia ...	30.35	50	WSW	4	T	30.26	+10	51	50	-1	WSW	5	0	5	T	52	48	0.14
	Roche's Point	30.32	51	WNW	4	0	30.25	+10	50	49	-1	W	5	C	4	0	56	48	-
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	30.31	48	WSW	4	0	30.27	+10	47	47	0	WSW	4	T	6	0	50	46	0.08
	Scilly ...	30.43	48	WNW	6	0	30.40	+10	48	48	0	W	5	T	5	0	50	47	0.02
	Prawle Point ...	30.38	49	W	5	0	30.34	+10	46	46	0	W	6	0	5	0	49	45	-
	Jersey (St. Aubin's)	30.50	49	W	4	0	30.44	+10	48	47	-1	W	5	0	4	0	50	46	0.04
	Hurst Castle ...	30.31	48	WNW	5	C	30.31	+12	45	45	0	W	6	C	3	0	51	44	-
BRITISH ISLANDS.	Dungeness ...	30.18	47	WNW	5	C	30.15	+10	45	44	-1	W	6	bc	5	C	51	44	-
	North Foreland	30.16	50	W	6	0	30.16	+12	46	45	-1	WSW	2	0	2	0	50	45	-
	London ...	30.21	50	W	4	0	30.17	+10	48	45	-3	W	6	bc	#	0	53	45	-
	Oxford ...	30.24	48	SW	4	0	30.17	+10	45	43	-2	WSW	6	bq	#	0	51	45	-
	Cambridge ...	30.14	52	W	4	0	30.11	+10	46	44	-2	W	5	bc	#	0	54	44	-
BRITISH ISLANDS.	Yarmouth ...	30.02	52	WNW	6	C	30.02	+15	47	45	-2	WSW	5	bcw	4	C	52	44	-
	Cuxhaven ...	29.67	41	W	6	T	29.77	+10	43	41	+2	W	7	bc	#	T	44	41	0.08
	Berlin ...	29.68	45	W	5	T	29.72	+10	48	47	+1	W	5	T	#	T	48	44	0.28
	Wiesbaden ...	#	#	#	#	#	30.18	+10	48	46	+2	SW	3	0	#	?	48	40	0.16
	Munich ...	30.18	39	SW	9	T	30.27	+10	42	41	+1	SW	7	T	#	T	?	34	0.20
GERMANY & HOLLAND.	The Helder ...	29.97	45	W	4	C	29.98	+18	44	43	+1	SW	4	C	4	C	46	43	-
	Brussels (9 a.m.)	#	#	#	#	#	30.20	+12	46	45	0	WSW	7	C	#	0	50	45	-
	Cape Gris Nez	30.19	44	WSW	4	0	30.18	+11	45	44	-1	WSW	6	0	7	0	46	41	-
	Paris ...	30.37	51	W	4	0	30.39	+10	46	45	+1	SW	3	0	#	0	53	42	0.04
	Brest ...	?	48	W	3	?	?	?	48	47	0	W	4	0	4	?	50	46	0.04
FRANCE AND BELGIUM.	Lorient ...	30.51	48	WNW	4	0	30.52	+10	47	47	-2	W	3	?	5	?	49	45	-
	Rocheport ...	30.54	47	WNW	4	0	30.54	+10	44	44	-3	W	2	?	#	0	50	43	-
	Belfort ...	?	34	W	3	T	?	?	36	30	0	W	2	bc	#	T	39	34	0.04
	Lyons ...	30.52	38	W	1	0	30.55	+10	39	38	+1	NE	1	0	#	0	45	35	0.08
	Nice ...	30.18	46	E	1	0	30.22	+10	44	37	+7	Z	0	C	1	0	55	41	-
FRANCE AND BELGIUM.	Perpignan ...	30.45	52	WNW	6	0	30.40	+10	50	44	+6	W	6	bc	#	0	55	45	-
	Biarritz ...	30.66	50	ESE	1	0	30.64	+10	50	47	+3	ESE	3	0	4	0	55	46	-
	Corunna ...	#	#	#	#	#	30.53	+10	35	43	+8	NE	4	bc	#	?	63	45	-
	Lisbon ...	30.55	36	NE	3	0	30.53	+10	35	43	+8	NE	4	bc	#	?	63	45	-
	Peninsular	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#

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, 30th January, 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:

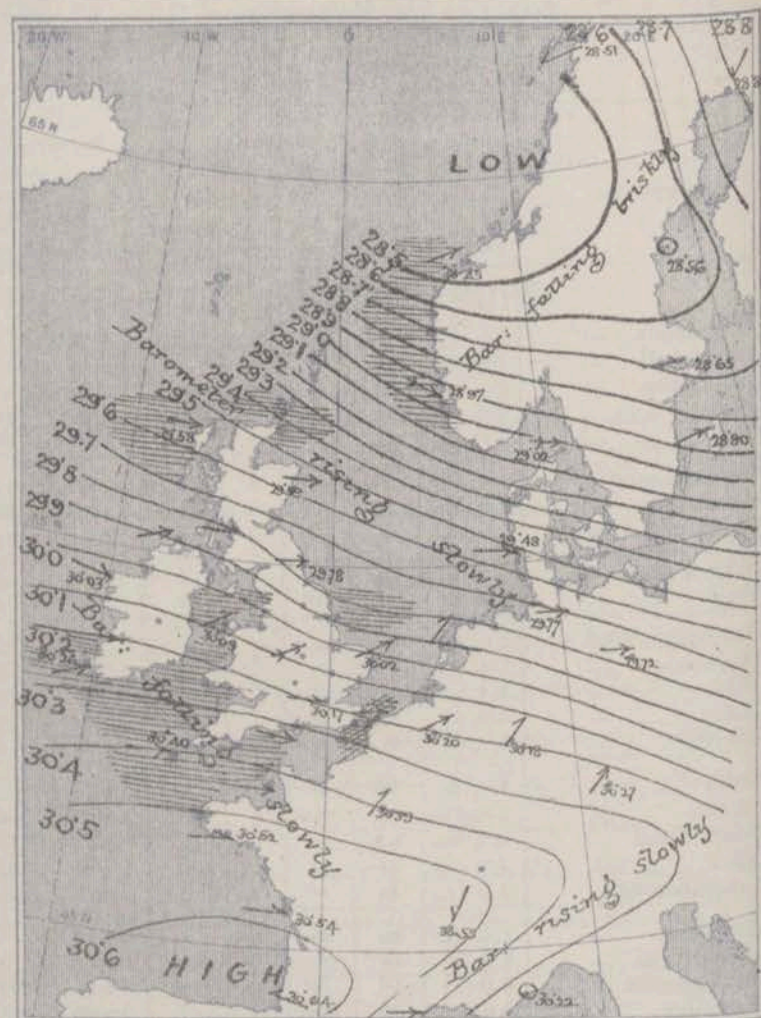
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.675
Stornoway	29.682
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Seilly	29.969
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



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 January.)

STATIONS.	TEMPERATURE.				RAINFALL (Inches.)
	Daily Max.	Daily Min.	at 8 a.m.		
			Dry.	Wet.	
Sumburgh Head.....	42.9	35.6	39.7	38.4	3.72
Stornoway	43.3	34.5	39.6	38.4	5.30
Wick.....	42.4	33.3	38.2	36.8	2.05
Nairn.....	42.2	32.9	37.2	35.6	1.99
Aberdeen.....	42.4	33.2	37.3	35.6	2.31
Leith.....	44.4	33.7	38.6	37.2	1.93
Shields.....	43.0	34.2	38.2	36.9	1.75
Spurn Head.....	41.7	34.5	37.7	36.7	1.35
York.....	42.7	32.6	36.7	35.7	1.87
Loughborough	43.0	32.3	36.4	35.4	2.04
Ardrrossan	44.2	30.3	40.0	38.8	4.25
Mullaghmore	46.1	38.0	41.6	40.4	4.36
Donaghadee.....	41.4	36.1	40.0	39.2	2.98
Holyhead.....	45.6	38.7	41.7	40.3	3.38
Liverpool.....	43.5	35.2	38.6	37.0	2.22
Parsonstown.....	45.6	34.2	38.9	37.8	3.12
Valencia.....	49.5	40.4	44.5	43.3	6.69
Roche's Point.....	47.7	39.5	43.2	41.9	5.50
Pembroke.....	45.5	39.6	42.7	41.3	3.75
Seilly.....	48.8	42.9	45.4	44.9	3.73
Prawle Point	46.2	37.6	42.0	41.0	3.09
Jersey.....	45.6	38.3	41.8	40.4	3.21
Hurst Castle.....	45.0	36.3	40.3	39.5	2.94
Dover.....	43.5	35.8	39.2	38.1	2.58
LONDON.....	44.1	33.8	37.6	36.6	2.12
Oxford.....	43.1	33.6	37.1	36.1	2.20
Cambridge.....	43.3	31.7	36.2	35.4	1.54
Yarmouth.....	41.5	33.8	37.5	36.7	1.95

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 covering the Bay of Biscay, Spain, France, and the entire southeast of our Islands.
Lowest, 28.5 in. and less, in a depression lying over the northwest of Norway.
Gradients steep over Germany, the North Sea and Norway, moderate over Ireland and England, slight over the Bay of Biscay.
Barometer rising over our Islands, falling over Scandinavia.

TEMPERATURE

Highest, 55° at Lister, 51° at Valencia Island, 50° at Biarritz and Rocher Point, and above 45° at nearly all our own stations.
Lowest, 0 (Zero) F. at Haparanda, 25° at Hemöland, 26° at Bodo, 38° at Fander.
The maxima recorded yesterday were as high as 58° at Aberdeen, 56° at Rocher Point, 55° at Donaghadee.

WIND

W¹ over the British Isles, the North Sea and France, moderate at the French stations, fresh to strong in the south of our Islands, strong to a gale in the north.
A severe W¹ gale was felt locally over Caithness during the night.

WEATHER

Foggy in the west of France, fair at the southern stations generally and in the east of Scotland, cloudy or overcast elsewhere, squally, and in a few places showery. The rainfall in our Islands since yesterday has been slight, and confined to our northern and western districts. Rather larger quantities fell over countries lying to the eastward of the North Sea.

SEA

High in the north and at C. Fin Vig, rough on most other parts of the coasts, moderate elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is moving eastwards, and a gradual decrease in the force of the wind is probable on our coast.

FORECASTS

For the 24 hours ending at NOON on 31st January, 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | W ¹ gales and strong winds, veering N ¹ and moderating; showery, colder. |
| 1 | SCOTLAND EAST | W ¹ winds, very strong to moderate; fair, rather colder. |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | W ¹ to NW ¹ winds, strong to moderate; slight local showers, rather colder. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | Same as Nos 1 and 2. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | W ¹ winds, moderating; slight cold showers. |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |

WARNINGS

NONE ISSUED

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER.		WIND.	P.	WEA.	SEA.		BAR.	THER.		WIND.	P.	WEA.	SEA.
		Dry.	Wet.	Dir.						Dry.	Wet.	Dir.			
Skudeenæs ...	29.30	42	42	SE	1	rs	3	Valencia ...	30.35	51	51	WSW	4	omd	4
Sumburgh Head ...	29.20	48	48	WSW	5	r	5	Scilly ...	30.40	50	50	WSW	6	ra	4
Stornoway ...	29.53	52	51	W	7	o	6	Jersey ...	30.40	49	48	W	5	o	3
Aberdeen ...	29.55	57	51	WSW	5	bcg	3	Hurst Castle ...	30.28	50	48	WSW	5	c	4
Shields ...	29.78	54	51	SW	7	o	2	Dungeness ...	30.11	51	50	WSW	5	c	4
Ardrossan ...	29.87	53	52	SW	4	c	3	North Foreland ...	30.06	50	48	W	6	o	4
Malin Head ...	29.87	49	47	WSW	6	o	4	London ...	30.13	53	50	W	4	o	4
Mullaghmore ...	30.06	50	50	SW	6	od	6	Yarmouth ...	29.93	52	50	WSW	6	cmq	4
Belmullet ...	30.08	51	51	W	7	o	4	Rocheport ...	30.55	49	49	WSW	4	o	4
Holyhead ...	30.11	51	50	WSW	4	c	4								

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

Weather dull and unsettled over the greater part of western, northern, and central Europe, with rain in Germany and the north of Scotland, passing showers in other localities, and snow at Christiansund and St. Petersburg, as well as at Hermannstadt and Constantinople. Fine and bright in most of the southern countries, but dull in Algeria. No important change occurring over Western Europe during day.

Temperature highest (1) 55° at La Palme, 54° at Algiers, and 52° at Oporto; (1) 50° at Aberdeen, 52° at Leth, Shields, and York, 51° at several of our western and northern stations, and between 45° and 50° over the United Kingdom generally. Lowest -17° F. at Arkhangelsk, -15° at Archangel, -9° at Odessa, -7° at Kiev, and -6° at Nizhni-Novgorod; and considerably below the freezing point over Sweden and Finland, as well as in Austria; slightly below it over central Spain. Rising during day to between 50° and 55° in most parts of our Islands, and reaching 58° at ...

Wind strong from the W. over the whole of our Islands, the North Sea, Germany, and the Netherlands, with gales at some of our northwestern stations. Moderate from the SW over the Baltic, and light from the SE or E over the northern parts of Russia and Scandinavia. NW over Algeria and the southern parts of France, NE over Spain, variable in Italy. Wind moderating in force later over the southern part of our Islands, but increasing to a gale in the north of Scotland.

Barometer highest 30.6 ins. to 30.7 ins. over Spain and the southwest of France, 30.2 ins. and upwards over the south of Russia. Lowest 28.9 ins. and less in a depression lying off the northwest of Norway; secondary disturbances lying over various parts of Finland and Scandinavia; gradients steep over our Islands, the North Sea, Germany, the Baltic, and northern Russia. Rain falling during day in most parts of Western Europe, and gradients over our Islands becoming somewhat less 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.

* 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 Sunday, 31st January

1892.

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STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS			
	Barom.	Temp.	Wind.		Weather.	Barometrical.		Shade Temp.			Wind.		Sea (10 to 9).	Shade Temp.			Amount of Rainfall.		
			Reading at 32° F. and Sea Level.	Dry Bulb.		Dir.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.		Dir.	Force (0 to 12).	Weather.		Max.	Min.
Inch.	°				Inch.	°	°	°									Inch.		
SCANDINAVIA.																			
Haparanda ...	28.82	4	NE	2	S	28.88	+ .08	2	?	+ 2	N	2	0	#	S	9	-4	0.08	
Hernösand ...	28.68	18	N	1	S	28.92	+ .36	3	3	- 22	Z	0	0	#	S	25	?	0.04	
Stockholm ...	28.60	35	W	6	r	28.88	+ .28	28	27	- 7	NW	2	0	#	r	39	25	0.08	
Wisby ...	28.72	39	W	8	b	28.93	+ .13	37	34	- 2	WNW	6	0	#	b	41	30	-	
Bodö ...	28.66	20	ENE	2	bc	28.80	+ .14	15	13	- 11	E	4	0	2	bc	27	14	-	
CHRISTIANIA.																			
Christiansund...	28.74	39	WNW	8	S	29.02	+ .57	40	39	+ 2	WNW	7	r	6	S	40	36	0.16	
Skudesnaes ...	29.29	43	WNW	8	o	29.35	+ .38	37	34	- 8	NW	7	0	5	o	45	37	0.08	
Christiania Fjord (Færder)	28.93	40	WNW	5	b	29.09	+ .27	37	33	- 1	W	5	c	4	b	40	24	-	
Skagen (The Seaw)	29.08	39	NW	8	b	29.19	+ .17	38	35	- 3	WNW	7	bc	4	b	41	37	-	
Fanö ...	29.50	38	W	6	b	29.53	+ .05	36	36	- 5	W	6	b	#	b	43	36	-	
SCOTLAND.																			
Sumburgh Head	29.35	42	WNW	6	c	29.60	+ .36	36	35	- 6	NNW	4	c	6	c	43	33	0.08	
Stornoway ...	29.65	44	NW	7	r	29.82	+ .14	37	36	- 7	W	4	bc	4	r	45	35	0.06	
Wick ...	29.53	38	WNW	7	c	29.74	+ .32	35	34	- 8	NW	3	c	4	rsp	47	33	0.22	
Nairn ...	29.65	40	W	3	c	29.83	+ .16	37	35	- 8	WSW	1	b	1	c	45	34	0.15	
Aberdeen ...	29.88	40	WSW	5	b	29.94	+ .26	39	35	- 5	W	6	bc	4	q	46	38	-	
ENGLAND.																			
Leith ...	29.82	43	W	4	r	29.95	+ .18	39	38	- 7	W	3	bc	#	r	48	38	0.02	
Shields ...	29.84	45	W	6	b	29.95	+ .17	41	39	- 5	W	3	b	2	q	49	37	-	
Spurn Head ...	29.93	44	W	5	c	29.99	+ .11	41	40	- 7	W	3	c	4	c	48	40	-	
York ...	29.95	47	W	4	c	30.04	+ .18	41	39	- 9	W	1	b	#	c	52	39	-	
Loughborough	29.99	51	W	5	o	30.05	+ .05	42	40	- 6	W	3	cm	#	o	55	48	-	
IRISH ISLANDS.																			
Ardrossan ...	29.90	46	W	3	c	30.00	+ .12	44	42	- 3	W	2	b	2	p.	48	42	0.01	
Malin Head ...	29.92	45	W	5	o	30.01	+ .11	42	40	- 2	SW	2	b	4	o	46	40	0.01	
Mullaghmore ...	30.05	46	WSW	3	o	30.05	+ .03	40	39	- 5	SE	1	bc	4	o	47	39	0.01	
Belmullet ...	30.05	46	W	2	o	30.01	- .02	45	45	- 1	ENE	3	o	#	cm	48	44	0.05	
Donaghadee ...	30.03	47	SW	3	bc	30.06	+ .08	38	37	- 7	WSW	3	bc	2	bc	50	34	0.01	
ENGLAND.																			
Liverpool (Bidston)	30.04	46	W	5	o	30.10	+ .08	41	41	- 8	W	4	c	3	o	51	41	0.04	
Holyhead ...	30.09	46	W	1	o	30.11	+ .02	45	44	- 3	WNW	2	cg	2	og	49	44	0.01	
Parsonstown ...	30.10	48	Z	0	o	30.10	- .02	46	46	- 3	Z	0	o	#	o	52	44	0.19	
Valencia ...	30.18	51	SW	5	r	30.15	- .11	50	50	- 1	WSW	2	o	2	rm	51	49	0.21	
Roche's Point	30.18	51	W	5	c	30.16	- .09	49	47	- 1	W	1	c	3	c	52	48	-	
SCOTLAND.																			
Pembroke (St. Ann's Hd.)	30.17	48	WSW	5	o	30.15	- .12	48	47	+ 1	W	4	c	6	o	48	47	0.09	
Scilly ...	30.23	49	W	5	c	30.25	- .15	49	49	+ 1	W	5	m	5	c	50	47	0.01	
Prawle Point ...	30.29	47	W	5	o	30.24	- .10	48	48	+ 2	WSW	3	m	3	g	49	45	0.02	
Jersey (St. Aubin's)	30.21	47	W	6	o	30.20	- .14	49	48	+ 1	W	5	ond	4	#	50	47	0.02	
Huret Castle ...	30.21	47	W	6	o	30.14	- .17	46	46	+ 1	W	6	c	3	o	49	45	-	
ENGLAND.																			
Dungeness ...	30.13	46	WNW	5	c	30.08	- .07	45	45	0	W	5	c	4	c	48	43	-	
North Foreland	30.09	50	W	4	og	30.08	- .08	47	47	+ 1	W	3	og	3	o	50	45	0.01	
London ...	30.12	51	W	4	o	30.12	- .05	48	46	0	W	1	og	#	bc	53	46	0.06	
Oxford ...	30.10	48	WSW	6	o	30.11	- .06	47	47	+ 2	W	1	og	#	q	50	45	-	
Cambridge ...	30.06	50	SW	2	o	30.11	- .00	44	44	- 2	W	1	o	#	o	54	43	0.09	
Yarmouth ...	29.98	50	WSW	5	c	30.01	- .01	42	40	- 5	WNW	3	bc	3	o	50	40	-	
GERMANY & HOLLAND.																			
Cuxhaven ...	29.75	40	W	7	o	29.75	- .02	40	38	- 3	W	6	bc	#	o	43	37	-	
Berlin ...	29.69	45	W	6	o	29.70	- .02	41	39	- 7	WNW	6	c	#	o	50	39	0.08	
Wiesbaden ...	#	#	#	#	#	30.03	- .13	46	45	- 2	SW	3	r	#	#	50	45	0.04	
Munich ...	30.12	46	SW	8	c	30.10	- .17	39	39	- 3	W	7	#	#	c	48	39	0.24	
The Helder ...	29.96	43	WSW	3	c	29.97	- .01	42	40	- 2	WNW	3	b	3	c	45	41	-	
FRANCE AND BELGIUM.																			
Brussels (o a.m.)	#	#	#	#	#	30.09	- .11	45	45	- 1	W	5	r	#	r	47	43	0.24	
Cape Gris Nez	30.14	46	WSW	5	o	30.08	- .10	46	46	+ 1	WSW	5	o	6	o	47	39	-	
Paris ...	30.34	46	SW	2	b	30.27	- .12	45	43	- 1	SW	3	o	#	b	57	43	-	
Brest ...	?	48	W	2	o	?	?	48	47	0	W	3	o	4	o	52	46	-	
Lorient ...	30.44	49	W	3	b	30.36	- .16	48	47	+ 1	W	3	o	4	b	49	46	-	
SPAIN.																			
Rochefort ...	30.51	48	WNW	2	f	30.43	- .11	47	47	+ 3	WNW	3	m	#	f	52	44	0.08	
Belfort ...	?	?	N	3	c	30.47	- .08	29	?	- 10	E	1	b	#	c	47	29	-	
Lyons ...	30.12	48	Z	0	c	30.24	+ .02	41	40	- 3	E	1	c	3	c	55	41	-	
Nice ...	30.26	53	NW	4	b	30.37	- .03	50	43	0	WNW	2	b	#	b	60	48	-	
Perpignan ...	30.48	50	NE	3	o	30.47	- .17	46	43	- 4	E	3	o	4	q	52	43	-	
Biarritz ...	30.59	50	NE	3	o	30.47	- .17	46	43	- 4	E	3	o	4	q	52	43	-	
PORTUGAL.																			
Corunna ...	#	#	#	#	#	30.44	- .25	47	45	+ 6	SSE	3	b	3	#	55	39	-	
Lisbon ...	30.40	57	N	3	c	30.32	- .21	48	47	- 7	NE	3	b	#	#	63	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 Sunday, 31st Jan. 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—When considerable, is shown thus:

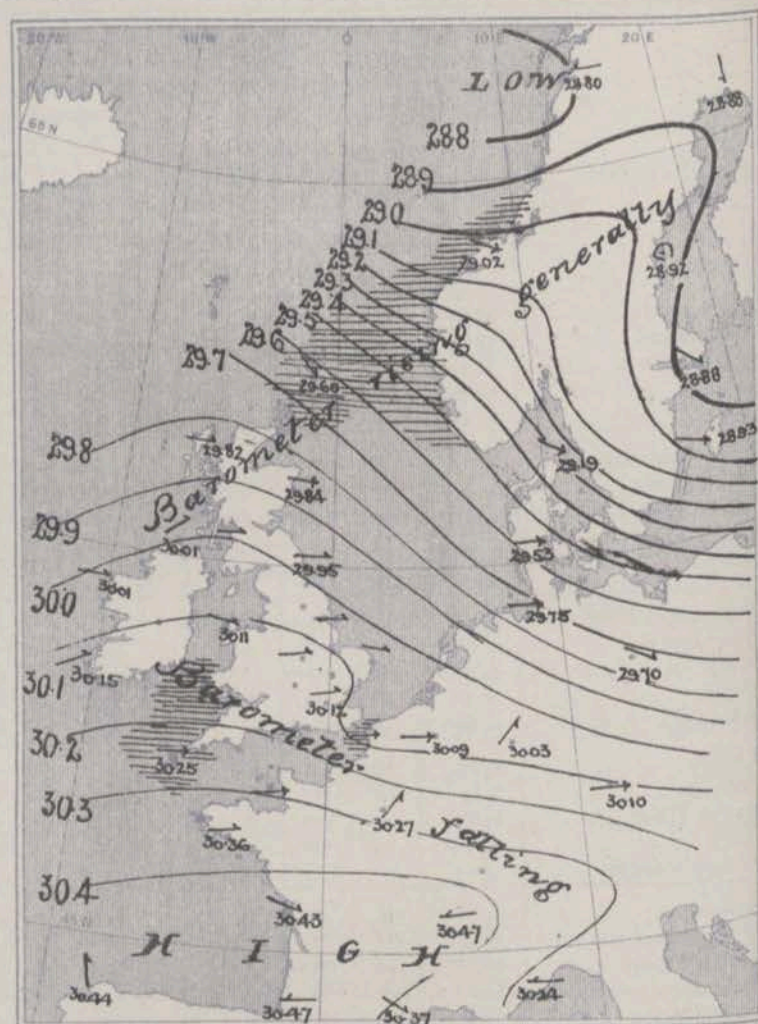
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

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

During the 20 Years: 1871—1890.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.875
Stornoway	29.882
Wick	29.719
Nairn	29.745
Aberdeen	29.787
Leith	29.825
Shields	29.881
Spurn Head	29.926
York	29.932
Loughborough	29.967
Ardrossan	29.838
Mullaghmore	29.817
Donaghadee	29.856
Holyhead	29.902
Liverpool	29.924
Parsonstown	29.895
Valencia	29.887
Roche's Point	29.908
Pembroke	29.936
Scilly	29.959
Prawle Point	30.006
Jersey	30.022
Hurst Castle	30.002
Dover	30.012
LONDON	30.006
Oxford	29.999
Cambridge	29.993
Yarmouth	29.979



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.4 in. and more to 30.2 in. over Spain, France, the Bay of Biscay, and the southwest of our Islands.
 Lowest, 28.9 in. and less, over the northwest of Norway, and near Stockholm, and about 29.7 in. in the Downs and at Berlin.
 Gradients steep over the North Sea, the Baltic and North Germany, moderate to slight elsewhere.
 Barometer rising decidedly in the north, falling somewhat in the west and south.

TEMPERATURE

Highest, 50° at Valencia del, 48° at Ocell, Jersey and Rocher Point, 46° at Lisbon, Brest, Penbrooke and London.
 Lowest, (1) 2° F at Hafavunda, 3° at Hvosund, 28° at Stockholm; (2) 29° at Belfast, 39° at Munich; (3) 35° to 39° in the north and east of Scotland.
 It has fallen decidedly over the northern parts of the United Kingdom during the night.

WIND

W to NW, strong to gale, on the eastern side of the North Sea.
 W over the United Kingdom generally and the Channel — light in most places, strong at Aberdeen and Hurst Castle.
 Very variable over France — SE to NE over the Spanish Peninsula.
 The strong winds noticed on our coast yesterday have died down.

WEATHER

Fine at most of the stations in the north and east of our Islands; dull or cloudy elsewhere, with rain at several of our southern stations including Shrewsbury, Oxford, and London.
 Rain has fallen during the past 24 hours except in the northeast — amount small.

SEA

Rough in the Minch and on our southwest coasts, moderate in the northwest and the Irish Channel, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 1st 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	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 ...	29.13	43	40	WNW	9	o	7		Valencia ...	30.22	51	50	SW	5	ond	5
Sumburgh Head ...	29.30	43	39	WNW	9	c	7		Scilly ...	30.36	49	48	W	5	c	5
Stornoway ...	29.45	45	44	W	7	bc	6		Jersey ...				W	5	c	3
Aberdeen ...	29.46	45	39	W	6	bc	4		Hurst Castle ...	30.44	48	47	W	6	c	5
Shields ...	29.53	48	44	W	7	bcg	2		Dungeness ...	30.12	47	46	W	4	o	4
Ardrossan ...	29.59	47	46	W	5	r	4		North Foreland ...	30.09	51	48	W	4	o	4
Malin Head ...	29.52	46	43	W	5	o	5		London ...	30.12	53	48	W	4	o	4
Mullaghmore ...	30.05	47	45	SW	5	om	4		Yarmouth ...	30.00	50	47	W	4	c	4
Belmullet ...	30.09	48	47	WSW	3	om	4		Rochefort ...	30.55	50	48	NW	3	o	4
Holyhead ...	30.06	48	47	WSW	5	rmg	5									

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

Weather fine in the east of Scotland and the southeast of England, as well as over Denmark, and the greater part of Southern Europe. Dull elsewhere, with rain in the southwest of England, as well as over Poland and north Germany, and snow over the central and southern parts of Russia. Rain falling later in many parts of the United Kingdom and snow over the Gulf of Finland.

Temperature highest (1) 55° at Lisbon, 54° at Oporto, 52° at Algiers and Malta, and 51° at Sanguinaria, Cagliari, and Raftelli; (2) 51° at Valencia Island and 50° at York and Rochester; above 45° in all but the extreme northern and northwestern parts of the United Kingdom. Rising during day to between 50° and 55° at many of the English stations, and exceeding the latter point in several parts of France. Rising to 60° or more over Spain, Algeria, and the south of France, the highest European readings of all being 70° at Barcelona, and 68° at Oporto.

Wind strong from the Wnd over Great Britain, as well as over Denmark, the Baltic, the south of Scandinavia, and the greater part of Central Europe, moderate from the same quarter over Ireland and France. Light from the SWnd or Snd over the central and southern parts of Russia; E^{ly} over the northern parts of Russia and Scandinavia. Variable in Italy; NE^{ly} in Spain; E^{ly} or SE^{ly} in Algeria. Subsequently increasing to a gale from the Wnd in Germany; backing to the SWnd at several of the Irish stations.

Barometer highest 30.6 ins: and upwards, in an anticyclone lying over Spain and the southwest of France. Lowest, 28.5 ins: and less, in a depression lying over the west of Norway; 28.6 ins: and less, in a secondary disturbance lying near Knapik; gradients steep over the whole of the North Sea, Denmark, Germany, and the Baltic. Depression over Norway filling up slowly during day, secondary disturbances over Finland moving slowly 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 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

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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.		Weather.	Sea (0 to 9).	Weather.	Shade Temp.		Amount of Rainfall.		
				Reading at 32° F. and Sea Level.	Dry Bulb.		Dirce.	Force (0 to 12).	Reading at 32° F. and Sea Level.	Change since Yesterday Morn.	Dry Bulb.	Wet Bulb.	Change in dry since Yesterday.				Dirce.	Force (0 to 12).		Max.	Min.
1	Haparanda	29.61	19	E	2	0	29.61	-01	12	-11	-18	SE	0	0	0	0	30	?	0.04		
"	Corunna	"	"	"	"	"	30.21	-06	53	52	-3	SE	3	0	0	0	61	46	"		
2	Rockfort	30.04	49	rtw	3	0	30.25	+19	37	37	-10	NHE	4	0	0	0	52	36	"		
"	Corunna	"	"	"	"	"	30.18	-03	52	48	-1	E	4	0	0	0	59	48	"		
3	Niesbaden	"	"	"	"	"	30.05	-02	38	-	0	SW	1	0	0	0	41	37	0.08		
4	Skagen	29.11	32	rw	3	0	29.34	+33	34	32	+1	ENE	1	0	0	0	37	30	"		
"	Corunna	"	"	"	"	"	30.10	-05	48	48	-2	NE	7	0	0	0	55	43	"		
5	Nice	29.80	39	E	1	0	29.81	-08	38	-	+1	NE	4	0	0	0	45	36	"		
"	Corunna	"	"	"	"	"	30.28	+18	46	42	-2	E	5	0	0	0	50	39	"		
6	Haparanda	29.34	3	SE	4	0	29.26	-13	44	-5	+3	SSE	6	0	0	0	5	-6	0.04		
"	Berlin	29.62	34	SW	6	0	29.16	-68	34	32	-2	SW	5	0	0	0	37	30	0.08		
"	Niesbaden	"	"	"	"	"	29.51	-51	34	32	+2	SW	4	0	0	0	37	32	"		
"	Munich	29.93	25	SW	3	0	29.70	-29	27	25	+3	SW	6	0	0	0	27	23	0.16		
"	Corunna	"	"	"	"	"	30.28	00	46	45	0	SSW	5	0	0	0	48	36	0.04		
7	Berlin	29.13	35	NSW	5	0	29.21	+05	33	31	-1	SW	5	0	0	0	36	30	0.28		
"	Niesbaden	"	"	"	"	"	29.53	+02	32	31	-2	W	1	0	0	0	37	?	"		
"	Munich	29.53	36	SW	7	0	29.62	-08	30	30	-3	W	0	0	0	0	39	27	"		
"	Belfort	?	37	W	7	0	?	?	36	-	+5	W	4	0	0	0	38	28	"		
"	Nice	29.67	40	E	1	0	29.69	-07	47	-	+8	NW	5	0	0	0	46	36	0.16		
"	Corunna	"	"	"	"	"	30.11	-17	48	47	+2	SSW	6	0	0	0	54	43	0.01		
8	Molyhead	-	-	-	-	-	29.42	+04	31	31	-2	NHW	6	0	0	0	39	?	0.17		
"	Mullaghmore	-	-	-	-	-	29.58	+04	32	32	-3	NHW	6	0	0	0	39	29	0.32		
"	Corunna	"	"	"	"	"	29.99	-12	48	43	0	NHE	6	0	0	0	52	41	"		
9	Belfort	?	29	W	3	0	?	?	28	-	-8	W	3	0	0	0	36	25	0.04		
"	Nice	29.73	45	SW	2	0	29.47	-30	40	-	-1	NE	2	0	0	0	52	39	0.08		
"	Corunna	"	"	"	"	"	29.95	-04	48	43	0	NW	8	0	0	0	52	41	0.63		
11	Corunna	"	"	"	"	"	29.42	-23	43	43	0	SSE	3	0	0	0	46	39	"		
12	Skagen	29.61	24	SW	2	0	29.35	-46	36	34	+10	NW	5	0	0	0	36	18	0.39		
"	Corunna	"	"	"	"	"	29.02	-40	42	41	-2	S	3	0	0	0	45	36	0.04		
13	Corunna	"	"	"	"	"	29.55	+53	48	47	+6	N	4	0	0	0	48	36	"		
14	Brussels	"	"	"	"	"	29.40	-35	18	-	-9	NHE	3	0	0	0	31	18	"		
"	Corunna	"	"	"	"	"	29.92	+37	49	46	+1	NW	8	0	0	0	52	41	0.04		
15	Ayons	29.52	26	NHW	1	0	29.61	?	26	26	?	W	1	0	0	0	35	26	0.63		
"	Corunna	"	"	"	"	"	29.89	-08	47	45	-2	SSW	2	0	0	0	50	41	0.04		
16	Ayons	29.63	30	NHW	1	0	29.71	+10	23	22	-3	W	1	0	0	0	37	22	"		
"	Corunna	"	"	"	"	"	29.26	-63	45	44	-2	ESE	5	0	0	0	52	41	0.47		
"	Lisbon	29.76	62	NSW	5	0	?	?	54	51	+8	SW	8	0	0	0	55	?	0.16		
18	Corunna	"	"	"	"	"	29.67	+22	46	-	0	SSW	5	0	0	0	50	39	"		
19	Ayons	29.86	36	NHW	1	0	29.86	00	25	24	-14	N	1	0	0	0	?	25	"		
"	Corunna	"	"	"	"	"	29.97	+30	45	44	-1	SSE	4	0	0	0	52	37	"		
20	Belfort	?	28	E	3	0	?	?	28	-	+3	E	3	0	0	0	33	23	0.16		
"	Corunna	"	"	"	"	"	29.45	-52	53	51	+8	SSE	6	0	0	0	54	43	"		
21	Belfort	?	23	E	3	0	?	?	17	?	-11	E	2	0	0	0	28	13	0.28		
"	Corunna	"	"	"	"	"	29.91	+46	53	52	0	NHE	7	0	0	0	57	43	"		
22	Corunna	"	"	"	"	"	30.20	+29	51	49	-2	S	3	0	0	0	55	48	0.08		
23	Corunna	"	"	"	"	"	30.34	+14	51	50	0	S	2	0	0	0	59	46	"		
25	Corunna	"	"	"	"	"	30.43	+06	50	50	-2	E	2	0	0	0	55	46	"		
26	Corunna	"	"	"	"	"	30.54	+11	52	-	+2	E	2	0	0	0	55	46	"		
27	Corunna	"	"	"	"	"	30.49	-05	42	38	-10	SE	2	0	0	0	57	34	"		
28	Corunna	"	"	"	"	"	30.72	+23	48	46	+6	E	2	0	0	0	59	39	"		
29	Perpignan	30.36	46	NHW	6	0	30.00	+22	45	37	-1	NW	6	0	0	0	49	33	"		
"	Corunna	"	"	"	"	"	30.75	+03	42	4	-6	ESE	3	0	0	0	55	34	0.18		
30	Sumburgh Hd	"	"	"	"	"	29.04	-15	42	4	0	NHW	9	0	0	0	48	40	"		
"	Corunna	"	"	"	"	"	30.69	-06	41	41	-1	SSE	3	0	0	0	54	36	"		

2. CORRECTIONS.

[illegible]