

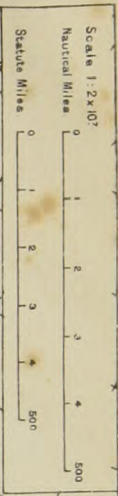
METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY TO 30<sup>TH</sup> JUNE 1914.

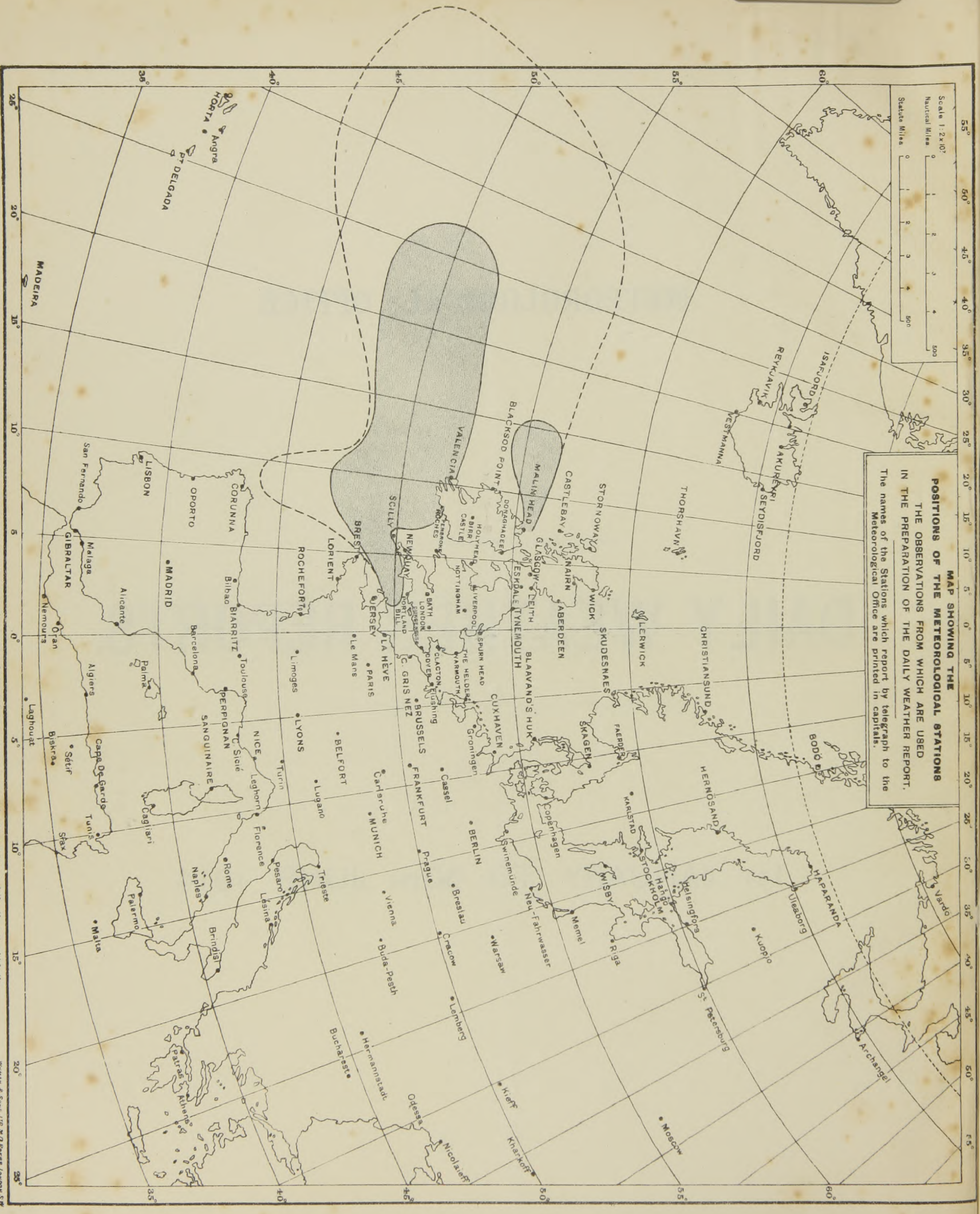


20 10 5 0 5 10 15 20

**MAP SHOWING THE  
POSITIONS OF THE METEOROLOGICAL STATIONS**

THE OBSERVATIONS FROM WHICH ARE USED  
IN THE PREPARATION OF THE DAILY WEATHER REPORT.

The names of the Stations which report by telegraph to the  
Meteorological Office are printed in capitals.



NOTE:—The shaded portions of the Atlantic and Bay of Biscay indicate the areas from which wireless reports were received within 2 hours of the time at which the observations were made. The pecked lines indicate the limits of the areas from which they were received within 24 hours.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

## CHANGE OF UNITS OF MEASUREMENT.

## BAROMETRIC PRESSURE IN PRESSURE UNITS.

In their Eighth Report to the Lords Commissioners of His Majesty's Treasury, the Meteorological Committee intimated their intention to use Absolute Units for pressure in the Daily Weather Report of the Meteorological Office from 1st May, 1914.

The absolute unit of pressure on the Centimetre-Gramme-Second system\* is the dyne per square centimetre. As this unit is exceedingly small a practical unit one million times as great has been suggested. This unit, the megadyne per square centimetre, is called a "bar." In the Daily Weather Report the centibar and the millibar, respectively, the hundredth and the thousandth part of the "bar" are adopted as working units. The relation between the millibar and the inch of mercury is given in the tables overleaf.

*Reasons for the Change.*

One of the principal reasons for this change is that it is a step towards the adoption of a system of units which may become common to all nations.

The system was approved by the Meteorological Council in 1904 and by the Gassiot Committee of the Royal Society in 1910. Upon the initiative of Professor V. Bjerknes, formerly professor at Christiania, and now of the Geophysical Institute at Leipzig, it was used in important publications of the Carnegie Institution of Washington, and was adopted by the International Commission for Scientific Aeronautics for the international publication of the results of the investigation of the upper air. Since 1907 the system has been used in the Meteorological Office for the upper air, and since 1911 for the data from the Observatories where Centimetre-Gramme-Second units have been used for many years in connection with magnetism and electricity. The Weather Bureau of the United States has adopted millibars and absolute temperatures on the Centigrade Scale for the issue of daily charts of the Northern Hemisphere, which began on 1st January, 1914; the Royal Meteorological Society has decided to use millibars for the expression of the series of pressure normals for the British Isles, which it is now preparing; and the Meteorological Office has followed the example of the Weather Bureau in using absolute units for the daily maps in the Weekly Weather Report, but its isobars are figured in centibars as they were in the specimen issued with the Eighth Annual Report.

*The Scientific Appeal.*

The ground of scientific appeal to all nations to adopt the bar, centibar, and millibar is that these units fall naturally into place as members of the Centimetre-Gramme-Second system of units which has already become universal for Magnetism and Electricity and most branches of Physics. Its principles are therefore well known. The inch and the millimetre are really units of length, and to estimate the effect of a pressure measured in terms of height of a column of mercury, it

is necessary to introduce the value of the density of mercury at some particular temperature and the value of the acceleration due to gravity at a particular place. It is well known that the atmospheric pressure at sea level in Britain varies between  $13\frac{3}{4}$  and  $15\frac{1}{4}$  lbs. weight per square inch. The pound weight per square inch is often used by engineers, but it is not a convenient unit because its value depends upon latitude.

*The Upper Air.*

The past fifteen years have witnessed the collection of extensive meteorological observations in the upper air made by means of kites and balloons, from which important results have already been deduced. The absolute system of units is the most convenient for the discussion of the data so collected, and it is being generally adopted for the purpose. The rapid development of aviation makes it impossible to draw a line between the academic study of the meteorology of the upper air and the practical meteorology of the Daily Weather Report. The use of two systems of units, one for observations made at the surface, and the other for observations taken at higher levels, could only retard progress.

*Practical Considerations.*

It is acknowledged that an accuracy of one thousandth of an inch is not really attainable in practice. For many years the Inspectors of the Meteorological Office have had to be satisfied with agreement within .003 in., and now the National Physical Laboratory has ceased to certify barometers of the Kew pattern to the thousandth of an inch. Consequently, with an instrument graduated to .001 in., observers are being asked to read to an accuracy which is acknowledged to be unattainable. On the other hand an accuracy of the hundredth of an inch is not good enough for scientific purposes.

The practical degree of precision for a mercury barometer of the Kew type is *one-tenth of a millibar*. Graduation in centibars and millibars, with a simple vernier scale for estimating to tenths of a millibar, thus brings the demand for accuracy made upon the observer into harmony with that actually attainable. The new graduation does away with the complications of the conventional vernier scale in use on barometers graduated in inches, and consequently the risk of errors of observation is reduced.

*The Percentage Barometer.*

Another advantage is that the Bar, or Centimetre-Gramme-Second atmosphere, differs but little from the standard atmosphere. The equivalent of the adopted normal value at sea level of 29.92 mercury inches is 101.32 centibars, or 1013.2 millibars. The lowest barometer value ever observed for sea level in the British Isles is 925.5 millibars, the equivalent of 27.33 inches. This value was recorded at Ochertyre on January 26th, 1884. The highest value is 1053.5 millibars, the equivalent of 31.11 mercury inches. It was recorded at Aberdeen on January 31st, 1902.

\* Particulars of the Centimetre-Gramme-Second system are given in the *Observers Handbook*, 1913 edition.

A reading of 100 centibars, or 1,000 millibars, is equivalent to 29.53 mercury inches. It will be remembered that the word "change" is placed opposite the sea-level reading 29.5 in the conventional descriptions engraved on dial barometers. Thus in a barometer graduated in centibars the reading 100 would occupy the position conventionally marked "change."

*Practical Course to be pursued.*

It is evidently impossible at one operation to change all the barometers in use in the various services, and even in the most favourable circumstances there must be for many observers a time when the readings are taken on one scale, and the results quoted or published in another. Tables of equivalents are given herewith for making the necessary conversion.

The barometers issued by the Meteorological Office will be graduated in both scales.\*

RAINFALL DATA IN MILLIMETRES.

As a further step in the direction of international uniformity all rainfall data will be published in the Daily Weather Report in millimetres instead of inches. The occasion for making the change is that modifications are being introduced into the telegraphic code used for the exchange of meteorological information in Europe.

The reading of rainfall in this country has been carried to hundredths, sometimes to thousandths of an inch, but

the readings to the higher degree of accuracy have seldom any practical meaning. The readings on the metric system are carried to 0.1 millimetres, 0.004 inch, which represents satisfactorily the highest degree of accuracy. The range is from .01 to 3, 4, or even more inches in exceptional circumstances, for a day's rain. The telegraphic code hitherto in use has made provision for reporting amounts up to 10 inches, though the large majority of the readings are under 2 inches. The code now to be introduced makes provision for reporting amounts up to 100 millimetres or 4 inches.

As one inch is approximately equivalent to 25 millimetres the conversion from millimetres to inches, or *vice versa*, may be made with sufficient accuracy for most purposes by multiplying or dividing by 4 and appropriately shifting the decimal point. Tables of conversion are given herewith.

WIND VELOCITIES IN METRES PER SECOND.

Wind force will be specified on the Beaufort scale. Occasional reports are received from anemometer stations regarding the extreme wind velocities attained in gales. These data are published on the front page of the report. The unit of wind velocity used in such cases will be the *metre per second*. Tables for converting velocities from miles per hour to metres per second, or *vice versa*, are given below.

\* It should be borne in mind that the inch scale is graduated to be correct at 62° F., the millibar scale at the temperature of the freezing point, 32° F. When both scales are at the same temperature the relation between them is that shown in the conversion tables corrected by the subtraction of 0.3 millibar, *e.g.*, the graduation 28.0 inch should agree with the graduation 948.2-3 or 947.9 millibars.

METEOROLOGICAL OFFICE,  
LONDON, S.W.,  
April, 1914.

W. N. SHAW,  
*Director.*

## CONVERSION TABLES.

## PRESSURE VALUES.

Equivalents in Millibars of Inches of Mercury at 32° and Latitude 45°.

Mer- cury Inches.	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09
	Millibars.									
27.0	914.3	914.6	915.0	915.3	915.7	916.0	916.3	916.7	917.0	917.4
27.1	917.7	918.0	918.4	918.7	919.0	919.4	919.7	920.1	920.4	920.7
27.2	921.1	921.4	921.8	922.1	922.4	922.8	923.1	923.4	923.8	924.1
27.3	924.5	924.8	925.1	925.5	925.8	926.1	926.5	926.8	927.2	927.5
27.4	927.9	928.2	928.5	928.9	929.2	929.5	929.9	930.2	930.6	930.9
27.5	931.2	931.6	931.9	932.3	932.6	932.9	933.3	933.6	933.9	934.3
27.6	934.6	935.0	935.3	935.6	936.0	936.3	936.7	937.0	937.3	937.7
27.7	938.0	938.3	938.7	939.0	939.4	939.7	940.0	940.4	940.7	941.1
27.8	941.4	941.7	942.1	942.4	942.8	943.1	943.4	943.8	944.1	944.4
27.9	944.8	945.1	945.5	945.8	946.1	946.5	946.8	947.2	947.5	947.8
28.0	948.2	948.5	948.8	949.2	949.5	949.9	950.2	950.5	950.9	951.2
28.1	951.6	951.9	952.2	952.6	952.9	953.2	953.6	953.9	954.3	954.6
28.2	954.9	955.3	955.6	956.0	956.3	956.6	957.0	957.3	957.7	958.0
28.3	958.3	958.7	959.0	959.3	959.7	960.0	960.4	960.7	961.0	961.4
28.4	961.7	962.1	962.4	962.7	963.1	963.4	963.7	964.1	964.4	964.8
28.5	965.1	965.4	965.8	966.1	966.5	966.8	967.1	967.5	967.8	968.1
28.6	968.5	968.8	969.2	969.5	969.8	970.2	970.5	970.9	971.2	971.5
28.7	971.9	972.2	972.6	972.9	973.2	973.6	973.9	974.2	974.6	974.9
28.8	975.3	975.6	975.9	976.3	976.6	977.0	977.3	977.6	978.0	978.3
28.9	978.6	979.0	979.3	979.7	980.0	980.3	980.7	981.0	981.4	981.7
29.0	982.0	982.4	982.7	983.0	983.4	983.7	984.1	984.4	984.7	985.1
29.1	985.4	985.8	986.1	986.4	986.8	987.1	987.5	987.8	988.1	988.5
29.2	988.8	989.1	989.5	989.8	990.2	990.5	990.8	991.2	991.5	991.9
29.3	992.2	992.5	992.9	993.2	993.5	993.9	994.2	994.6	994.9	995.2
29.4	995.6	995.9	996.3	996.6	996.9	997.3	997.6	997.9	998.3	998.6
29.5	999.0	999.3	999.6	1000.0	1000.3	1000.7	1001.0	1001.3	1001.7	1002.0
29.6	1002.4	1002.7	1003.0	1003.4	1003.7	1004.0	1004.4	1004.7	1005.1	1005.4
29.7	1005.7	1006.1	1006.4	1006.8	1007.1	1007.4	1007.8	1008.1	1008.4	1008.8
29.8	1009.1	1009.5	1009.8	1010.1	1010.5	1010.8	1011.2	1011.5	1011.8	1012.2
29.9	1012.5	1012.8	1013.2	1013.5	1013.9	1014.2	1014.5	1014.9	1015.2	1015.6
30.0	1015.9	1016.2	1016.6	1016.9	1017.3	1017.6	1017.9	1018.3	1018.6	1018.9
30.1	1019.3	1019.6	1020.0	1020.3	1020.6	1021.0	1021.3	1021.7	1022.0	1022.3
30.2	1022.7	1023.0	1023.3	1023.7	1024.0	1024.4	1024.7	1025.0	1025.4	1025.7
30.3	1026.1	1026.4	1026.7	1027.1	1027.4	1027.7	1028.1	1028.4	1028.8	1029.1
30.4	1029.4	1029.8	1030.1	1030.5	1030.8	1031.1	1031.5	1031.8	1032.2	1032.5
30.5	1032.8	1033.2	1033.5	1033.8	1034.2	1034.5	1034.9	1035.2	1035.5	1035.9
30.6	1036.2	1036.6	1036.9	1037.2	1037.6	1037.9	1038.2	1038.6	1038.9	1039.3
30.7	1039.6	1039.9	1040.3	1040.6	1041.0	1041.3	1041.6	1042.0	1042.3	1042.6
30.8	1043.0	1043.3	1043.7	1044.0	1044.3	1044.7	1045.0	1045.4	1045.7	1046.0
30.9	1046.4	1046.7	1047.1	1047.4	1047.7	1048.1	1048.4	1048.7	1049.1	1049.4

Equivalents in Mercury Inches at 32° and Latitude 45° of Millibars.

Milli- bars.	0	1	2	3	4	5	6	7	8	9
	Mercury Inches.									
910	26.87	26.90	26.93	26.96	26.99	27.02	27.05	27.08	27.11	27.14
920	27.17	27.20	27.23	27.26	27.29	27.32	27.35	27.38	27.41	27.44
930	27.46	27.49	27.52	27.55	27.58	27.61	27.64	27.67	27.70	27.73
940	27.76	27.79	27.82	27.85	27.88	27.91	27.94	27.97	28.00	28.03
950	28.05	28.08	28.11	28.14	28.17	28.20	28.23	28.26	28.29	28.32
960	28.35	28.38	28.41	28.44	28.47	28.50	28.53	28.56	28.59	28.62
970	28.65	28.67	28.70	28.73	28.76	28.79	28.82	28.85	28.88	28.91
980	28.94	28.97	29.00	29.03	29.06	29.09	29.12	29.15	29.18	29.21
990	29.24	29.26	29.29	29.32	29.35	29.38	29.41	29.44	29.47	29.50
1000	29.53	29.56	29.59	29.62	29.65	29.68	29.71	29.74	29.77	29.80
1010	29.83	29.86	29.89	29.92	29.94	29.97	30.00	30.03	30.06	30.09
1020	30.12	30.15	30.18	30.21	30.24	30.27	30.30	30.33	30.36	30.39
1030	30.42	30.45	30.48	30.51	30.53	30.56	30.59	30.62	30.65	30.68
1040	30.71	30.74	30.77	30.80	30.83	30.86	30.89	30.92	30.95	30.98
1050	31.01	31.04	31.07	31.10	31.13	31.16	31.18	31.21	31.24	31.27

Differences for tenths of a millibar :—

mb.	'1	'2	'3	'4	'5	'6	'7	'8	'9
in.	.003	.006	.009	.012	.015	.018	.021	.024	.027

## RAINFALL VALUES.

Equivalents in Millimetres of Inches.

1 Inch = 25.4 Millimetres.

Inches.	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09
	Millimetres.									
00	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3
10	2.5	2.8	3.1	3.3	3.6	3.8	4.1	4.3	4.6	4.8
20	5.1	5.3	5.6	5.8	6.1	6.4	6.6	6.9	7.1	7.4
30	7.6	7.9	8.1	8.4	8.6	8.9	9.1	9.4	9.7	9.9
40	10.2	10.4	10.7	10.9	11.2	11.4	11.7	11.9	12.2	12.5
50	12.7	13.0	13.2	13.5	13.7	14.0	14.2	14.5	14.7	15.0
60	15.2	15.5	15.8	16.0	16.3	16.5	16.8	17.0	17.3	17.5
70	17.8	18.0	18.3	18.5	18.8	19.1	19.3	19.6	19.8	20.1
80	20.3	20.6	20.8	21.1	21.3	21.6	21.8	22.1	22.4	22.6
90	22.9	23.1	23.4	23.6	23.9	24.1	24.4	24.6	24.9	25.2

Equivalents in Inches of Millimetres.

Milli- metres.	0	1	2	3	4	5	6	7	8	9
	Inches.									
0	0.00	0.04	0.08	0.12	0.16	0.20	0.24	0.28	0.32	0.35
10	0.39	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75
20	0.79	0.83	0.87	0.91	0.95	0.98	1.02	1.06	1.10	1.14
30	1.18	1.22	1.26	1.30	1.34	1.38	1.42	1.46	1.50	1.54
40	1.58	1.61	1.65	1.69	1.73	1.77	1.81	1.85	1.89	1.93
50	1.97	2.01	2.05	2.09	2.13	2.17	2.21	2.24	2.28	2.32
60	2.36	2.40	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72
70	2.76	2.80	2.84	2.87	2.91	2.95	2.99	3.03	3.07	3.11
80	3.15	3.19	3.23	3.27	3.31	3.35	3.39	3.43	3.47	3.50
90	3.54	3.58	3.62	3.66	3.70	3.74	3.78	3.82	3.86	3.90

## WIND VELOCITY.

Equivalents of Miles-per-Hour in Metres-per-Second.

Miles per Hour.	0	1	2	3	4	5	6	7	8	9
	Metres per Second.									
0	0.0	0.4	0.9	1.3	1.8	2.2	2.7	3.1	3.6	4.0
10	4.5	4.9	5.4	5.8	6.3	6.7	7.2	7.6	8.0	8.5
20	8.9	9.4	9.8	10.3	10.7	11.2	11.6	12.1	12.5	13.0
30	13.4	13.9	14.3	14.8	15.2	15.6	16.1	16.5	17.0	17.4
40	17.9	18.3	18.8	19.2	19.7	20.1	20.6	21.0	21.5	21.9
50	22.4	22.8	23.2	23.7	24.1	24.6	25.0	25.5	25.9	26.4
60	26.8	27.3	27.7	28.2	28.6	29.1	29.5	30.0	30.4	30.8
70	31.3	31.7	32.2	32.6	33.1	33.5	34.0	34.4	34.9	35.3
80	35.8	36.2	36.7	37.1	37.6	38.0	38.4	38.9	39.3	39.8
90	40.2	40.7	41.1	41.6	42.0	42.5	42.9	43.4	43.8	44.3

Equivalents of Metres-per-Second in Miles-per-Hour.

Metres per Second.	0	1	2	3	4	5	6	7	8	9
	Miles per Hour.									
0	0.0	2.2	4.5	6.7	9.0	11.2	13.4	15.7	17.9	20.1
10	22.4	24.6	26.8	29.1	31.3	33.6	35.8	38.0	40.3	42.5
20	44.7	47.0	49.2	51.5	53.7	55.9	58.2	60.4	62.6	64.9
30	67.1	69.4	71.6	73.8	76.1	78.3	80.5	82.8	85.0	87.2
40	89.5	91.7	94.0	96.2	98.4	100.7	102.9	105.1	107.4	109.6

# SPECIFICATION OF THE BEAUFORT SCALE OF WIND FORCE WITH PROBABLE EQUIVALENTS OF THE NUMBERS OF THE SCALE.

Beaufort Number.	General Description of Wind.	Specification of Beaufort Scale.		Mean wind force at standard density.		Equivalent velocity in miles per hour.*†	Limits of Velocities.§		Beaufort Number.
		For Coast Use, based on Observations made at Scilly, Yarmouth, and Holyhead.	For use on Land, based on Observations made at Land Stations.	mb.	Lbs. per sq. ft.		Statute Miles per Hour.	Metres per Second	
0	Calm ... ..	Calm ... ..	Calm ; smoke rises vertically ... ..	0	0	0	Less than 1	Less than 0.3	0
1	Light air ... ..	Fishing smack* just has steerage way.	Direction of wind shown by smoke drift, but not by wind vanes.	·01	·01	2	1-3	0.3-1.5	1
2	Slight breeze...	Wind fills the sails of smacks, which then move at about 1-2 miles per hour.	Wind felt on face ; leaves rustle ; ordinary vane moved by wind.	·04	·08	5	4-7	1.6-3.3	2
3	Gentle breeze	Smacks begin to careen, and travel about 3-4 miles per hour.	Leaves and small twigs in constant motion ; wind extends light flag.	·13	·28	10	8-12	3.4-5.4	3
4	Moderate breeze	Good working breeze ; smacks carry all canvas, with good list.	Raises dust and loose paper ; small branches are moved.	·32	·67	15	13-18	5.5-8.0	4
5	Fresh breeze ...	Smacks shorten sail ... ..	Small trees in leaf begin to sway ; crested wavelets form on inland waters.	·62	1.31	21	19-24	8.1-10.7	5
6	Strong breeze	Smacks have double reef in main sail. Care required when fishing.	Large branches in motion ; whistling heard in telegraph wires ; umbrellas used with difficulty.	1.1	2.3	27	25-31	10.8-13.8	6
7	High wind ... ..	Smacks remain in harbour, and those at sea lie to.	Whole trees in motion ; inconvenience felt when walking against wind.	1.7	3.6	35	32-38	13.9-17.1	7
8	Gale ... ..	All smacks make for harbour, if near.	Breaks twigs off trees ; generally impedes progress.	2.6	5.4	42	39-46	17.2-20.7	8
9	Strong gale ... ..	... ..	Slight structural damage occurs (chimney pots and slates removed).	3.7	7.7	50	47-54	20.8-24.4	9
10	Whole gale ... ..	... ..	Seldom experienced inland ; trees uprooted ; considerable structural damage occurs.	5.0	10.5	59	55-63	24.5-28.4	10
11	Storm ... ..	... ..	Very rarely experienced ; accompanied by widespread damage.	6.7	14.0	68	64-75	28.5-33.5	11
12	Hurricane ... ..	... ..	... ..	8.1	Above 17.0	Above 75	Above 75	33.6 and above.	12

\* The fishing smack in this column may be taken as representing a trawler of average type and trim. For larger or smaller boats and for special circumstances allowance must be made.

<sup>†</sup> For converting estimates on the Beaufort scale into miles per hour (anemometer factor, 2.2).

<sup>§</sup> For finding the Beaufort number corresponding to a velocity expressed in miles per hour.

## The Beaufort Scale of Weather Notation, as used in the Daily Weather Report.

b = blue sky, <i>i.e.</i> , sky quite clear, or not more than a quarter clouded.	d = drizzling rain.	u = ugly threatening sky.
bc = sky $\frac{1}{4}$ to $\frac{1}{2}$ clouded.	e = wet air, without rain falling.	v = visibility, <i>i.e.</i> , great transparency, or clearness, of the air, rendering distant objects unusually visible.
c = sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded.	p = passing showers.	w = unusually heavy dew.
o = sky overcast, more than three-quarters clouded.	h = hail.	x = hoar frost.
g = gloom.	s = snow.	z = dust-haze, or smoke.
m = mist.	t = thunder.	
f = fog.	l = lightning.	
r = rain.	tl = thunderstorm.	
	thr = thunderstorm, accompanied by rain.	
	q = squalls.	

## Scale for Sea Disturbance.

Description.	Condition of Surface.
0 Calm ... ..	Glassy.
1 Very smooth ... ..	Slightly rippled.
2 Smooth ... ..	Rippled.
3 Slight ... ..	Rocks buoy, or small boat.
4 Moderate ... ..	Furrowed.
5 Rather rough ... ..	Much disturbed.
6 Rough ... ..	Deeply furrowed.
7 High ... ..	Rollers with steep fronts.
8 Very high ... ..	Rollers with steep fronts.
9 Phenomenal ... ..	Precipitous; towering.

# DAILY WEATHER REPORT. APPENDIX I.

## NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

### FIRST QUARTER, JANUARY TO MARCH.

(Issued as a Supplement to the Daily Weather Report of April 1st.)

JANUARY.

FEBRUARY.

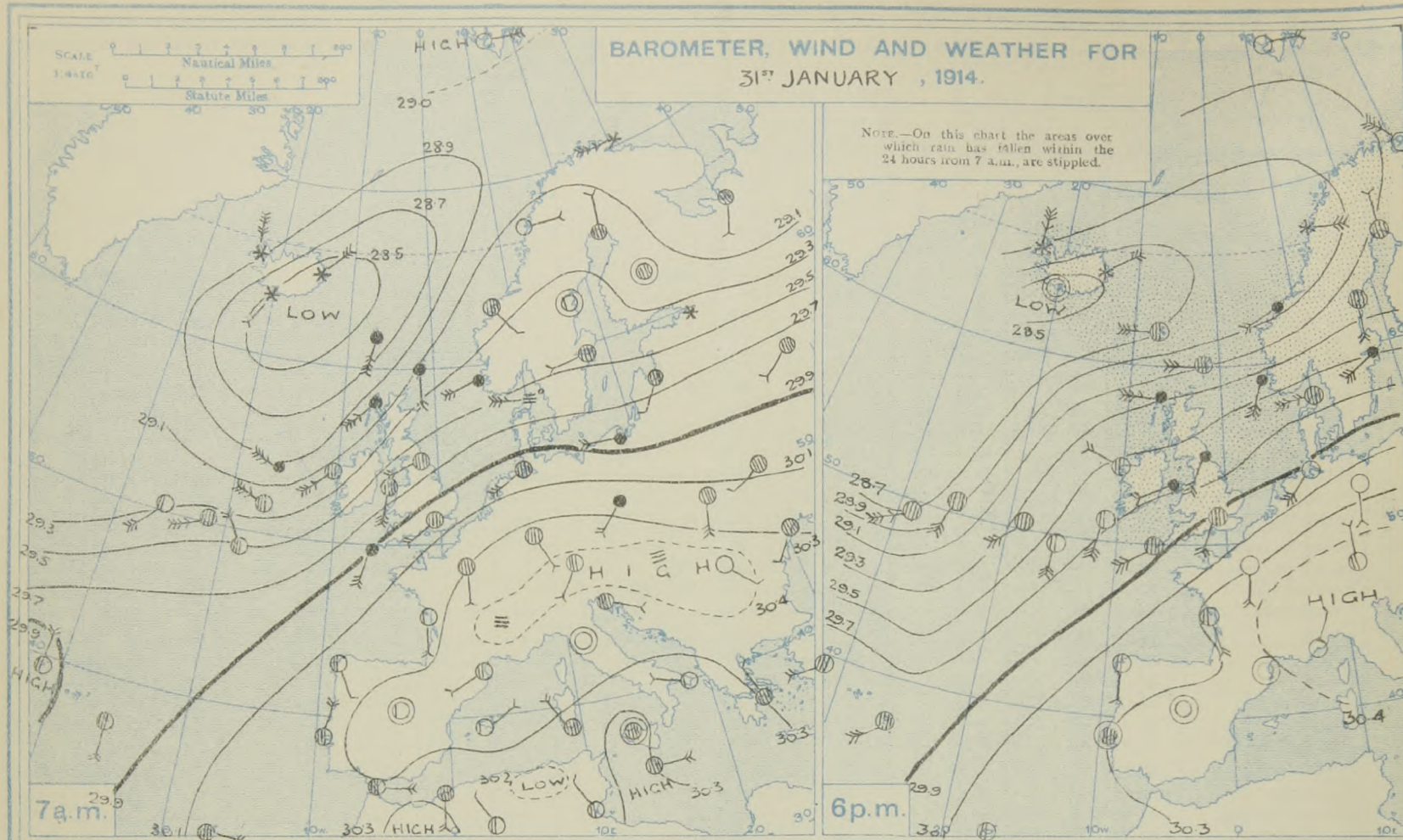
MARCH.

STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Centage of Possible Duration.					
		Means of				Absolute Extremes.											
		1906-1910.		1876-1910.		1876-1910.											
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.									
						Temp.	Year.	Temp.	Year.								
Sumburgh Head.....	29°688	39°1	37°6	42°5	35°4	52	1898	16	1910	27	In.	Hr.	%				
Stornoway.....	29°771	40°3	39°2	43°5	34°5	55	1890	11	1881	25	3°94	28	13				
Castlebary (Barra Isd.)..	[29°812]++	[43°2]++	[41°4]++	[40°0]++	[38°7]++	[52]++	[1908, 09, 10]++	[28]++	[1910]++	[27]++	[3°39]++	[36]++	[16]++				
Malin Head.....	29°878	41°8	40°9	44°5	37°5	[55]†	[1898]†	[23]†	[1894]†	[22]†	[2°74]†	—	—				
Blackod Point.....	29°901	44°6	42°7	46°5	38°8	[56]†	[1890]†	[20]†	[1891, 94]†	[26]†	[5°13]†	—	—				
Valencia.....	30°069	44°4	42°4	48°8	40°0	56	1876, 78	20	1894	23	5°52	48	19				
Roche's Point.....	30°089	43°0	42°1	47°5	39°3	57	1889	20	1894	20	4°39	—	—				
Birr Castle.....	30°088	39°3	38°4	45°1	34°1	57	1880, 98	6	1881, 94	20	2°74	50	20				
Donaghadee.....	29°988	40°4	39°7	44°6	36°1	58	1888	14	1881	20	2°59	—	—				
Liverpool (Observatory).....	30°042	38°3	36°5	43°1	35°0	58	1898	9	1881	17	2°09	[79]++	[32]++				
Holyhead.....	30°029	42°4	41°0	45°1	38°2	54	1899	20	1894	19	2°90	—	—				
Pembroke (St. Ann's Hd.).....	30°074	42°9	41°2	45°7	39°2	53	1899, 1907	19	1881, 94, 07	19	3°20	55	22				
Scilly (St. Mary's).....	30°280	45°7	43°2	49°0	42°5	57	1899	25	1894	20	2°97	60	23				
Jersey (St. Aubin's).....	30°170	42°7	40°9	46°3	38°4	57	1877, 99	12	1891	20	2°92	69	26				
Portland Bill.....	30°076	42°9	41°6	45°2	38°2	[52]†	[1901, 03, 05]†	[23]†	[1907]†	16	2°20	—	—				
Dungeness.....	30°081	39°2	37°9	43°5	34°6	55	1878, 98	11	1893	16	1°82	—	—				
Dover.....	[30°002]++	[37°2]++	[36°1]++	[43°1]++	[33°1]++	[53]++	[1908]++	[17]++	[1910]++	[14]++	[1°92]++	[84]++	[33]++				
Wick.....	29°763	37°3	36°1	42°4	33°0	60	1898	—	1881	21	2°42	—	—				
Nairn.....	29°811	37°5	36°1	42°6	31°9	59	1887	4	1910	18	1°98	[47]++	[21]++				
Aberdeen.....	29°857	36°7	35°2	42°1	33°0	59	1898	4	1881	18	2°09	51	23				
Leith.....	29°901	39°5	37°6	44°0	33°8	58	1898	9	1881	15	1°73	—	—				
North Shields.....	29°951	38°2	37°0	43°3	33°5	58	1880, 98	6	1881	14	1°53	—	—				
Spurn Head.....	29°996	37°7	36°7	41°9	34°6	[55]*	[1898]*	[13]*	[1881]*	15	1°20	—	—				
Yarmouth.....	30°042	37°3	36°1	41°5	33°4	57	1899	10	1881	17	1°59	[79]++	[32]++				
Clacton-on-Sea.....	30°084	37°2	36°2	41°5	33°6	[54]§	[1901, 05]§	[21]§	[1907]§	15	1°26	[77]†	[30]†				
Nottingham.....	30°047	36°7	35°6	42°4	32°3	58	1877	2	1881	19	1°77	[43]†	[17]†				
Bath.....	30°113	38°5	37°4	44°2	33°6	[57]†	[1883]†	[11]†	[1881]†	16	2°33	46	18				
Oxford.....	30°121	37°1	35°7	42°9	33°0	56	1877, 90, 1906	7	1881	15	1°79	51	20				
LONDON { Westminster.....	30°092	38°5	37°1	[44°6]†	[34°6]†	[56]†	[1910]†	[20]†	[1908]†	[12]†	[1°60]†	22	9				
LONDON { Kew.....	30°110	38°0	36°3	42°8	34°2	56	1877, 1910	9	1881	15	1°70	44	17				
Sumburgh Head.....	29°603	37°9	36°5	41°8	34°2	53	1910	17	1895	22	2°98	—	—				
Stornoway.....	29°690	38°5	37°5	43°8	34°0	55	1891	12	1892	22	4°28	60	23				
Castlebary (Barra Isd.)..	[29°772]++	[42°7]++	[40°9]++	[45°7]++	[39°0]++	[50]++	[1909]++	[29]++	[1908]++	[23]++	[3°33]++	[51]++	[20]++				
Malin Head.....	29°777	40°8	39°8	44°4	37°2	[59]†	[1891]†	[20]†	[1895]†	[19]†	[2°31]†	—	—				
Blackod Point.....	29°879	43°0	41°1	46°6	38°1	[61]†	[1891]†	[24]†	[1902]†	[22]†	[3°80]†	—	—				
Valencia.....	29°969	43°4	41°2	49°1	39°9	58	1891	22	1895	22	4°96	71	26				
Roche's Point.....	29°967	42°1	41°0	48°0	39°3	56	1877, 89, 96	25	1895, 1900, 02	18	3°83	—	—				
Birr Castle.....	29°927	38°5	37°5	46°8	34°6	59	1891	6	1895	17	2°24	67	25				
Donaghadee.....	29°858	39°4	38°3	45°5	36°1	57	1897, 1903	16	1895	18	2°31	—	—				
Liverpool (Observatory).....	29°895	37°8	36°2	44°2	35°6	62	1878	12	1895	16	1°76	[88]++	[32]++				
Holyhead.....	29°890	41°3	40°1	45°3	38°1	59	1891	17	1895	17	2°44	—	—				
Pembroke (St. Ann's Hd.).....	29°934	42°0	40°4	45°6	39°0	56	1903	23	1895	17	2°57	77	28				
Scilly (St. Mary's).....	30°139	44°7	42°1	49°0	42°1	57	1896, 99	27	1895	18	2°57	87	31				
Jersey (St. Aubin's).....	30°022	42°0	39°8	47°1	38°8	62	1891	18	1895	18	2°51	92	33				
Portland Bill.....	29°928	41°5	40°1	45°7	38°4	[54]†	[1905]†	[25]†	[1900]†	13	1°87	—	—				
Dungeness.....	29°932	38°0	36°7	44°2	35°2	57	1897	11	1889	15	1°40	—	—				
Dover.....	[29°982]++	[38°0]++	[36°8]++	[44°8]++	[34°6]++	[55]++	[1909]++	[26]++	[1909]++	[17]++	[1°42]++	[93]++	[33]++				
Wick.....	29°662	36°8	35°3	42°8	32°6	59	1878	2	1895	19	2°24	—	—				
Nairn.....	29°715	36°3	34°8	43°6	31°5	64	1891	0	1895, 97	16	1°73	[85]++	[33]++				
Aberdeen.....	29°759	37°0	35°4	43°1	33°1	64	1897	6	1895	17	2°11	76	29				
Leith.....	29°777	38°1	36°1	45°3	33°8	59	1882	12	1895	14	1°45	—	—				
North Shields.....	29°813	37°1	35°8	44°3	33°8	60	1898, 99	7	1895	14	1°43	—	—				
Spurn Head.....	29°850	37°5	36°4	42°8	35°4	[61]*	[1899]*	[20]*	[1895]*	13	1°26	—	—				
Yarmouth.....	29°898	37°1	35°8	42°6	33°9	58	1898	15	1895	16	1°58	[81]++	[30]++				
Clacton-on-Sea.....	29°933	36°8	35°8	43°1	34°1	[58]§	[1903]§	[20]§	[1901]§	12	1°85	[86]†	[31]†				
Nottingham.....	29°899	36°5	35°2	44°6	33°3	61	1899	2	1895	17	1°61	[62]†	[29]†				
Bath.....	29°965	37°4	36°4	46°2	34°3	[62]†	[1899]†	[16]†	[1902]†	14	2°12	73	26				
Oxford.....	29°965	36°7	35°3	45°2	34°0	64	1891	7	1895	14	1°69	70	25				
LONDON { Westminster.....	29°940	38°0	36°5	[46°0]†	[35°3]†	[56]†	[1909, 10]†	[23]†	[1909]†	[15]†	[1°28]†	37	13				
LONDON { Kew.....	29°958	37°4	35°6	44°8	35°1	62	1899	11	1895	14	1°59	60	22				
Sumburgh Head.....	29°773	37°8	36°4	42°6	34°1	57	1893	18	1879	25	2°96	—	—				
Stornoway.....	29°824	38°4	37°4	45°0	34°1	57	1894, 1907	13	1881	23	3°90	104	29				
Castlebary (Barra Isd.)..	[29°796]++	[41°0]++	[39°3]++	[45°0]++	[38°2]++	[50]++	[1908]++	[28]++	[1909]++	[21]++	[2°47]++	[102]++	[28]++				
Malin Head.....	29°850	40°5	39°5	45°9	37°5	[62]†	[1894]†	[25]†	[1906]†	[20]†	[2°35]†	—	—				
Blackod Point.....	29°904	43°0	41°3	47°9	38°7	[64]†	[1894, 99]†	[26]†	[1891, 00, 09]†	[24]†	[4°00]†	—	—				
Valencia.....	29°957	43°4	41°4	50°4	39°8	66	1899	26	1899, 01	21	4°23	124	34				
Roche's Point.....	29°964	42°4	41°4	49°4	39°3	61	1899	27	1890	16	3°02	—	—				
Birr Castle.....	29°937	39°2	38°3	49°3	34°6	66	1894	18	1891	17	2°41	110	30				
Donaghadee.....	29°912	39°8	38°7	47°2	36°5	64	1892	25	1892, 06	19	2°16	—	—				
Liverpool (Observatory).....	29°932	39°1	37°2	46°8	36°7	65	1884, 94, 07	21	1886	16	1°83	[121]++	[33]++				
Holyhead.....	29°922	41°5	40°2	46°9	38°4	67	1894	27	1881	17	2°51	—	—				
Pembroke (St. Ann's Hd.).....	29°940	41°1	40°1	46°5	38°9	58	1899	26	1888, 09	17	2°36	133	36				
Scilly (St. Mary's).....	30°113	44°6	42°1	49°9	42°1	59	1893	30	1888, 90, 91	18	2°28	145	40				
Jersey (St. Aubin's).....	29°995	42°3	40°3	49°7	39°8	66	1893, 94, 03	21	1890	17	2°40	152	42				
Portland Bill.....	29°922	41°4	40°1	47°6	38°6	[59]†	[1900]†	[26]†	[1909]†	14	1°74	—	—				
Dungeness.....	29°934	39°1	38°1	46°7	36°3	60	1903	12	1909	15	1°63	—	—				
Dover.....	[29°861]++	[38°6]++	[37°5]++	[45°8]++	[34°7]++	[57]++	[1910]++	[17]++	[1909]++	[18]++	[2°23]++	[127]++	[35]++				
Wick.....	29°805	37°3	35°9	44°8	33°6	62	1894	10	1900	21	2°25	—	—				
Nairn.....	29°826	36°2	34°8	46°1	32°6	66	1907	6	1892	18	1°93	[122]++	[34]++				
Aberdeen.....	29°853	37°7	36°2	45°6	34°1	66	1889, 91, 92	10	1889	20	2°42	117	32				
Leith.....	29°861	38°9	36°9	47°7	34°5	68	1884	19	1879, 81, 89	16	1°68	—	—				
North Shields.....	29°888	37°8	36°4	46°7	34°3	67	1907	15	1889	15	1°74	—	—				
Spurn Head.....	29°893	38°5	37°4	45°3	36°2	[62]*	[1890, 93, 03]*	[24]*	[1886]*	15	1°33	—	—				
Yarmouth.....	29°913	38°0	36°6	45°3	35°2	65	1906	18	1892	16	1°66	[125]++	[34]++				
Clacton-on-Sea.....	29°945	37°9	37°2	45°9	35°4	[59]§	[1906]§	[19]§	[1909]§	13	1°32	[146]†	[40]†				
Nottingham.....	29°930	37°1	36°1	48°3	34°1	68	1884</										

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
1st February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for yester- day.	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		FORCE		Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since yester- day.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).				Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick ...	29.01	45	W	5	cg	29.45	+0.6	42	-8	SSW	4	c	5	0.09	51	39	cg	bc	cg	bc	cg	Hours	
	Stornoway ...	29.27	40	W	7	cg	29.41	-0.1	44	-6	SW	6	o	5	0.33	50	39	or. cg	eph	bc	bc	0.5		
	Castlebay (Barra Isd.)	29.34	43	WSW	5	op	29.40	-0.2	45	-5	S	5	o	6	0.03	51	41	o c	chp	op	bc	1.0		
	Glasgow ...	29.46	41	W	4	b	29.61	-0.2	37	-12	SE	1	r	*	0.20	50	35	op	or	cg	b. p.	0.0		
	Eskdalemuir ...	29.54	42	SW	4	o	29.64	-0.3	45	+1	SW	4	odm	*	0.52	47	32	r	o	orm	bc	0.0		
	Malin Head ...	29.45	46	SW	3	c	29.44	-0.2	42	-8	SW	2	bc	2	0.15	51	38	bc	bc	bc	bc	*		
	Blacksod Point ...	29.51	43	WNW	3	bc	29.36	-0.2	49	-2	SSW	4	odm	4	0.29	52	40	cg	cg	bc	bc	*		
	Valencia ...	29.64	43	WSW	2	bc	29.51	-0.2	52	-1	S	5	orm	5	0.32	53	42	orm	c. b	c. b	c. b	2.4		
	Roche's Point ...	29.69	47	SW	3	c	29.67	*	51	+1	SW	6	o	6	0.30	52	45	or	r. op	c. d.	c. d.	*		
	Birr Castle ...	29.63	40	-	0	bc	29.54	*	53	+1	S	4	o	*	0.26	55	37	cg	cg	bc	c. op	0.8		
	Donaghadee ...	29.55	43	WNW	3	bc	29.58	-0.3	45	-4	SSW	2	o	2	0.11	52	38	om	orm	bc	bc	*		
	Liverpool Obsy. ...	29.64	53	SW	6	c	29.80	+0.3	50	+	SSW	5	oe	4	0.04	55	45	cg	bc	cg	od	0.6		
	Holyhead ...	29.66	49	WSW	3	orm	29.72	+0.3	50	+1	SW	5	odm	4	0.18	51	46	o. cg	o. orm	orm	c. bc	0.0		
	Pembroke (St. Ann's Hd.)	29.73	50	SSW	8	r	29.83	+0.2	50	+1	SSW	7	ogm	7	0.12	51	48	ogm	orm	orm	orm	0.0		
	Newquay ...	29.86	52	SSW	6	om	29.96	+0.3	52	+1	S	4	om	4	0.02	54	51	om	om	om	odm	0.0		
	Scilly (St. Mary's) ...	29.86	52	SW	6	o	29.90	+0.1	52	+1	SSW	6	om	6	0.01	53	50	om	om	om	om	0.0		
	Jersey (St. Aubin) ...	30.12	49	SSW	4	ogm	30.21	*	46	+3	S	4	b	4	Trace	50	42	a. c. om	agm	agm	agm	0.2		
	Portland Bill ...	29.98	48	SSW	6	or	30.09	+0.3	48	+2	SSW	5	or	4	0.05	49	44	o	op	op	or	*		
	Dungeness ...	30.06	46	SW	6	o	30.14	+0.2	46	+3	SW	5	cg	5	-	46	43	bc	bc	cg	cg	*		
	Dover ...	30.02	45	SW	5	o	30.17	*	45	+3	SW	5	c	4	Trace	45	44	c. bc	bc	bc	c. bc	1.6		
ICELAND, FAEROE, &c.	Wick ...	29.22	40	W	4	bc	29.49	+0.1	42	-7	W	4	bc	4	0.03	51	35	om. bc	om. bc	bc	bc	*		
	Nairn ...	29.32	41	W	2	c	29.50	*	41	-13	W	1	c	2	0.06	54	36	qd. o	r. c	dq. c	dq. c	0.5		
	Aberdeen ...	29.33	43	WSW	3	b	29.61	-0.1	40	-10	SSW	2	o	3	Trace	53	38	og. c	op. cb	bc. b. o	bc. b. o	0.4		
	Leith ...	29.43	45	SW	4	bc	29.58	-0.4	42	-9	WNW	1	c	*	0.20	54	36	or. cg	or	c. bc	c. bc	*		
	North Shields ...	29.47	54	SSW	5	op	29.70	-0.1	47	-4	SSW	3	op	2	0.01	56	43	c	or	o. c	o. c	0.0		
	Spurn Head ...	29.69	51	SSW	6	bc	29.83	+0.1	49	+4	SW	6	cg	5	0.01	51	45	c	bc	cg	cg	0.9		
	Yarmouth ...	29.91	47	S	4	bc	30.03	+0.2	49	+6	SW	3	om	2	-	50	42	bc	bc	bc	bc	4.1		
	Clacton-on-Sea ...	29.97	43	SSW	6	c	30.08	+0.4	43	+3	SSW	3	oge	3	-	44	39	bc	bc	bc	bc	1.5		
	Nottingham ...	29.75	54	SW	7	o	29.90	*	54	+5	SW	6	o	*	0.02	54	48	o. c	o	op	op	0.0		
	Bath ...	29.91	52	SW	7	r	30.02	*	52	+3	SW	6	o	*	Trace	54	48	q. o	pd. og	q. op	q. op	0.0		
SCANDINAVIA.	London (Kew Obsy.) ...	29.97	50	SSW	4	og	30.08	+0.3	51	+5	SW	4	og	*	Trace	51	46	og. o	od. og	og. od	og. od	0.0		
	Spitzbergen ...	29.17	-25	E	3	b	29.15	+0.2	-26	-4	-	0	bc	*	-	-24	-35	<b>GALES.</b> <b>Duration and Extreme Force</b> <b>in British Islands</b> <u>Lerwick</u> 10am-4pm. Extreme S. q. 10am-1pm <u>Stornoway</u> 1pm. W. 8. squalls force 9. <u>Castlebay</u> 8am-11pm. S. 8. 1pm-6pm. squalls W. 9. <u>Glasgow</u> 10am-2pm. SSW. 8. <u>Eskdalemuir</u> 9am-4pm. Extreme SSW. q. at 3pm. <u>Malin Head</u> 7am-11am. <u>Blacksod Point</u> 8am-10am. Extreme SW. q. at 8am. <u>Holyhead</u> 8am-11am. Extreme SW. q. at 8am. gust 55mph (10) at 8am. <u>Pembroke</u> 11am-6am. SSW. 8. <u>Wick</u> 9am-2pm. squalls S. 9. <u>Nairn</u> 7am-8am. W. 9. 11am-2pm. WSW. 8. <u>Aberdeen</u> 11am. squall 40mph (9) <u>Hexham</u> 7am-7pm. Extreme W. q. at 11am. gust 75mph (12).						
	Isafjord ...	28.91	22	N	9	s	29.12	-0.0	22	-2	N	9	o	*	*	*	*							
	Reykjavik ...	28.58	27	ENE	4	c	28.66	-1.1	27	-1	ENE	10	s	*	*	*	*							
	Vestmanna ...	28.47	20	-	0	b	28.54	-1.5	28	-2	E	10	s	2	*	*	*							
	Seydisfjord ...	28.56	27	NE	5	s	29.17	+0.1	22	-7	NE	3	c	*	*	*	*							
	Thorshavn ...	28.68	40	W	7	c	29.16	+0.2	38	-11	S	2	r	*	*	*	*							
	Haparanda ...	29.19	16	N	2	o	28.65	-0.8	34	+23	W	4	o	*	0.20	34	10							
	Hernösand ...	29.19	33	S	4	o	29.08	+0.8	37	+10	S	2	c	*	0.04	43	25							
	Stockholm ...	29.43	41	SW	4	r	29.44	+0.8	44	+8	W	6	b	*	-	45	34							
	Wisby ...	29.63	42	WSW	6	o	29.70	+0.8	41	+3	WSW	6	b	*	0.20	43	37							
GERMANY, &c.	Karlstad ...	29.47	40	SW	2	o	29.56	+1.2	38	+2	S	2	b	*	Trace	45	36							
	Vardö ...	29.14	12	NW	8	b	28.70	-	20	+6	S	6	o	4	*	20	12							
	Bodö ...	28.76	29	E	6	s	28.45	-1.6	38	+17	SSW	6	c	4	0.39	38	21							
	Christiansund ...	28.85	50	SW	4	r	29.13	+1.2	39	+1	SW	10	r	7	0.83	50	36							
	Skudesnaes ...	29.30	46	SW	9	r	29.68	+0.6	42	-4	WSW	4	c	6	0.08	46	41							
	Færder (X'lania Fjord) ...	29.41	41	SW	8	m	29.58	+0.9	40	+2	SW	7	b	5	-	41	37							
	The Scaw (Skagen) ...	29.60	44	WSW	9	o	29.76	+2.0	42	-3	W	7	m	2	-	46	41							
	Blaavands Huk ...	29.81	41	SW	6	m	29.96	+0.5	40	-1	W	3	r	3	Trace	41	37							
	Cuxhaven ...	29.99	39	SW	6	b	30.10	+0.2	41	+1	SW	6	o	3	-	43	39							
	Berlin ...	30.17	41	S	2	b	30.26	+0.3	37	-3	S	2	bc	*	-	50	36							
FRANCE.	Frankfurt ...	30.35	36	SW	1	m	30.47	+0.4	29	+	SW	2	m	*	-	43	28							
	Munich ...	30.43	32	NW	2	bc	30.56	+0.4	25	-1	SW	2	bc	*	-	37	25							
	The Helder ...	30.00	40	SSW	7	bc	30.11	+0.4	42	+3	SSW	6	o	2	-	43	39							
	Brussels ...	30.20	38	SW	4	b	30.28	+0.4	42	+7	SW	4	o	*	-	45	35							
	C. Gris Nez ...	30.07	44	S	7	c	30.18	+0.4	44	+5	SSW	6	c	6	-	45	39							
	La Hève ...	30.13	42	SSW	5	c	30.24	*	45	+9	SSW	5	c	4	-	46	36							
	Ushant ...	30.07	52	SW	2	o	30.03	*	52	+1	S	6	bc	7	-	52	46							
	Brest (St. Mathieu) ...	30.08	50	SSW	5	m	30.14	+0.1	50	o	S	5	c	5	-	52	48							
	Lorient (Bec Meles) ...	*	50	SSW	5	o	*	*	49	+1	S	3	bc	6	-	52	43							
	Rochefort (Ile d' Aix) ...	30.31	45	SSE	3	bc	30.34	+0.2	38	+1	SE	3	c	*	-	50	36							
SPAIN, PORTUGAL, &c.	Biarritz ...	30.26	53	E	2	b	30.32	-0.0	49	+3	SSE	2	b	3	-	55	45							
	Paris ...	30.28	36	S	2	b	30.36	+0.2	36	+7	S	2	o	*	-									



#### FORECAST DISTRICTS.

STORM WARNINGS.	
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—	
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

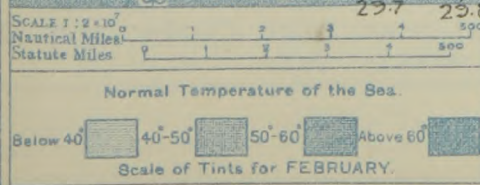
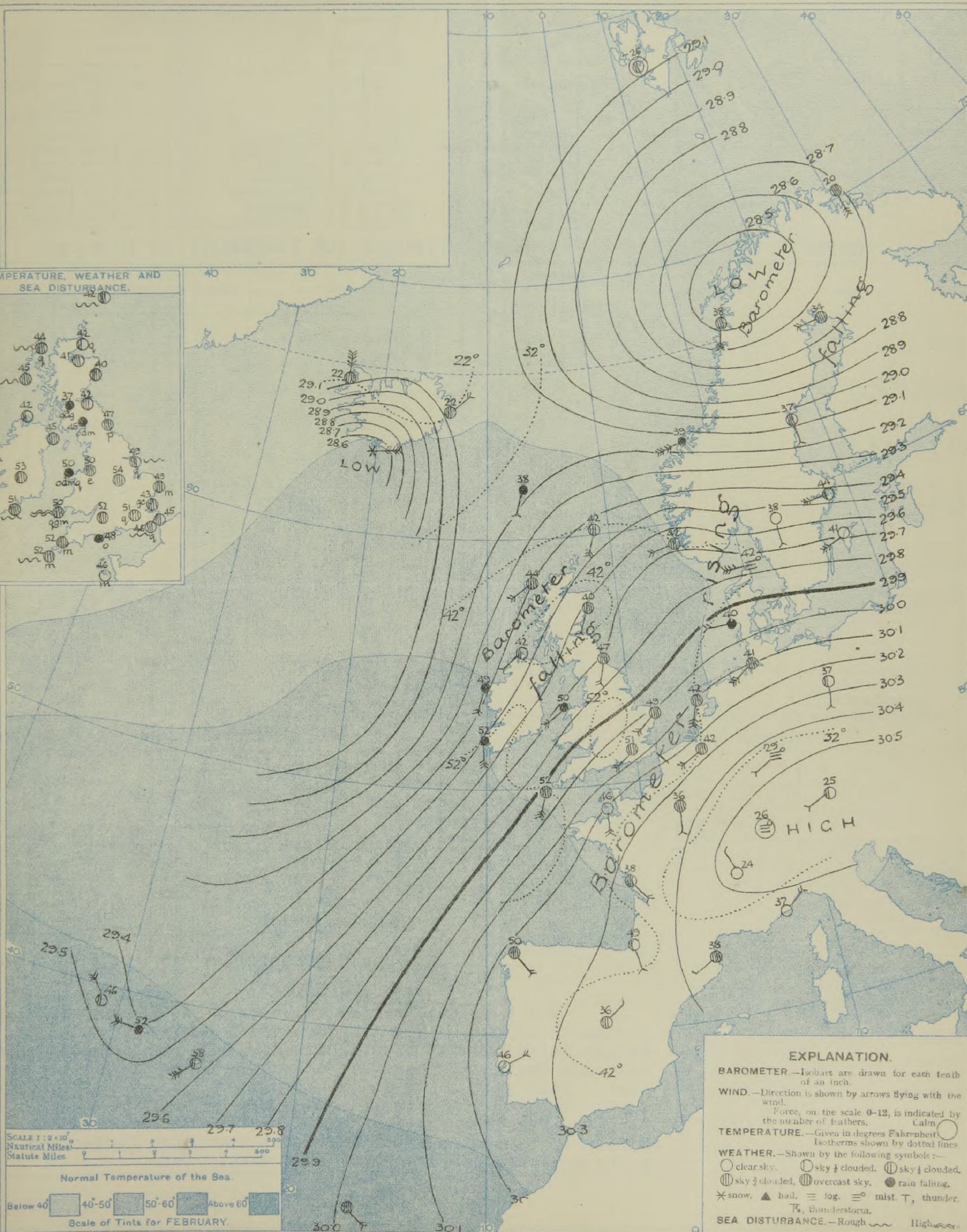
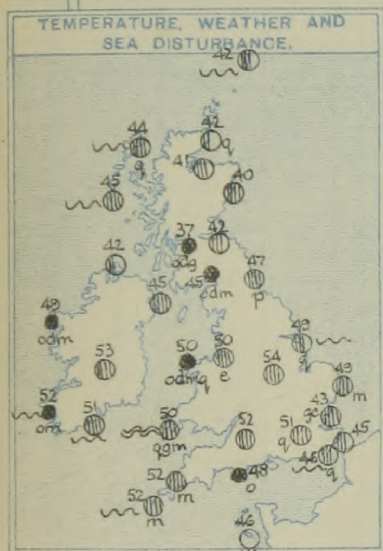
South Cone hoisted yesterday morning at 8.25am. in All Districts.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

Western Channel and Bay. 11

FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 1<sup>st</sup> FEBRUARY, 1914.



**EXPLANATION.**

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

**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
○ clear sky, ○ sky 1/2 clouded, ○ sky 3/4 clouded, ○ sky 4/5 clouded, ○ overcast sky, ● rain falling, \* snow, ▲ hail, ≡ fog, ≡ mist, T, thunder, T, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy High

## DAILY WEATHER REPORT.

Sunday, 1st February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-Quilward. H-Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-Quilward. H-Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st 7am	51	21	Dominion	H	29.08	+0.04	WSW	4-5	o	1st 7am	51	21	Megantic	o	28.95	-0.02	WSW	6-7	o
31st 6pm	51	11	Coriscan	H	29.66	+0.08	SSW	4-5	bc	31st 7am	45	39	Carthaginian	o	29.21	-0.14	SW	6-7	o
" "	49	29	St Paul	o	29.66	+0.01	WSW	8-9	o	" "	50	25	St Paul	o	29.23	-0.03	SW	6-7	bc
" "	50	18	Megantic	o	29.33	-0.16	SW	6-7	o	" "	50	21	Columbia	H	29.46	+0.08	WNW	8-9	o
" "	50	16	Columbia	H	29.44	-0.08	SW	8-9	c	" "	49	18	Minnewaska	H	29.53	+0.11	NW	4-5	c
" "	49	15	Minnewaska	H	29.59	-0.06	SSW	6-7	bc	" "	51	16	Coriscan	H	29.20	+0.15	WNW	8-9	c
" "	55	11	Numidian	H	29.39	+0.04	SSW	6-7	c	" "	54	15	Numidian	H	28.91	00	WNW	8-9	r

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.						Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban ... ..	In.	F. °	F. °			Hr.	England, S.E.	{ Margate ... ..	In.	F. °	F. °	bc.b	b.bc	2.1	
	{ St. Andrews ... ..				*	*			{ Ramsgate ... ..		47	41	*	*	2.3	
Eng. N.E.	{ Harrogate ... ..	0.02	53	46	o	o	0.0	{ Folkestone ... ..		44	40	b.bc	bc.o	2.3		
	{ Scarborough ... ..	*						{ Littlestone ... ..		*	*	*	*	2.1		
Eng. N.W.	{ Morecambe ... ..	0.09	52	46	o	or	0.0	{ Hastings ... ..	0.01	48	40	ad.c	o	0.5		
	{ Blackpool ... ..	0.03	52	46	o	o.or	0.0	{ Bexhill-on Sea ... ..	0.01	44	41	o	o	0.3		
Mid- lands.	{ Southport ... ..	0.01	54	43	o	op.o	0.0	{ Eastbourne ... ..		46	42	bc.o	bc	0.1		
	{ Buxton ... ..	0.05	49	44	or	or	0.0	{ Seaford ... ..		45	41	o	o	0.1		
Wales.	{ Leamington Spa ... ..	-	53	46	o	o	0.0	{ Brighton ... ..		47	42	o	o	0.0		
	{ Malvern ... ..	Trace	52	47	bc.o	od	0.0	{ Worthing ... ..		47	42	c	c	0.0		
England, E.	{ Rhyl ... ..	0.03	54	50	o.c.o	o.or	0.1	{ Littlehampton ... ..	0.01	*	*	*	*	0.0		
	{ Colwyn Bay ... ..							{ Southsea ... ..								
England, S.W.	{ Llandudno ... ..							{ Ryde ... ..								
	{ Bettws-y-Coed ... ..							{ Ventnor ... ..				*	*			
England, S.W.	{ Aberystwyth ... ..	0.04	52	48	o.c.o	o.or	0.0	{ Bournemouth ... ..			51	45	o	o	0.0	
	{ Tenby ... ..	0.03	51	49	o	or	0.0	{ Hythe ... ..			47	40	bc	bc	2.6	
England, S.W.	{ Lowestoft ... ..							{ Weymouth ... ..			50	46	oe	od	0.0	
	{ Felixstowe ... ..		46	40	c.bc.m	bc.c.m.o	2.8	{ Exmouth ... ..								
England, S.W.	{ Walton-on-Naze ... ..		44	39	c.bc.b	c.bc.o	2.5	{ Teignmouth ... ..	0.01	54	48	cd.p	ord	0.0		
	{ Southend-on-Sea ... ..		47	41	bc	bc	2.0	{ Torquay ... ..	0.02	52	47	o	or	0.0		
England, S.W.								{ Paignton ... ..	0.04	53	48	c.od	od.r	0.0		
								{ Falmouth ... ..	0.01	53	47	og	oge	0.0		
England, S.W.								{ Bude ... ..		55	52	od.q	od.q	0.0		
								{ Ilfracombe ... ..	0.01	55	47	o	op.o	0.0		
England, S.W.								{ Weston-super-Mare ... ..								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.		Rain- fall.	WEATHER.	
	3 p.m. Yesterday.	9 a.m. Today.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.
Greenwich (Royal Obsy.)	84	86	0.9	50	45	44	bc	o.sd.
City (Bunhill Row)			0.1					og
Westminster (St. James's Pl.)	87	87	0.2	51	46	44	obce	obce.o
Camden Sq. (Brit. Rainfall)	77	84	0.1	51	45	45	c.bc	c
Hampstead (Reservoir)		87	0.1	49	41	37	c.or	oed
Richmond Park			0.0					o
Kew. (See front page.)								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
				Total.	Average Rate.		Max. Rate.	
S. Kensington (Roof of M.O.)				219 Joules	67 Milliwatts.		20.5 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night.	WEATHER.		Sun- shine for Yesterday.
		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.12	56	46	45	cg	q.c	qrcb
Plymouth to 9 p.m.		51	48	47	cdq	og	og
Darwen	0.43	51	42	44	ou	ou	ou
Manchester	Trace	54	49		o	o	o.or
Birmingham	0.01	51	42	41	o	o	o.or
Oxford to 8 p.m.		52	46	43	oeb.o	og	og
S. Kensington (Museum Grounds to 6 p.m.)	Trace	50	44	38	o	o	og.o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

1st & 2nd Feb., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.38 7.36	G.M.T. 12.7 12.7	G.M.T. 4.36 4.38
Greenwich	7.41 7.39	12.14 12.14	4.47 4.49
Wick	8.21 8.19	12.26 12.26	4.31 4.33
Valencia	8.25 8.23	12.55 12.55	5.25 5.27

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in nearly all parts of the United Kingdom, and touched 56° at Leith. Fairly large amounts of bright sunshine were recorded on our east and south-east coasts; elsewhere there was little or none. Rain fell in most districts and a strong gale from the South or South-West prevailed on our north and north-west coasts. Wireless reports showed that as far west as the 39th meridian ships experienced gales or high winds from the South-Westward, the weather being mostly fair.

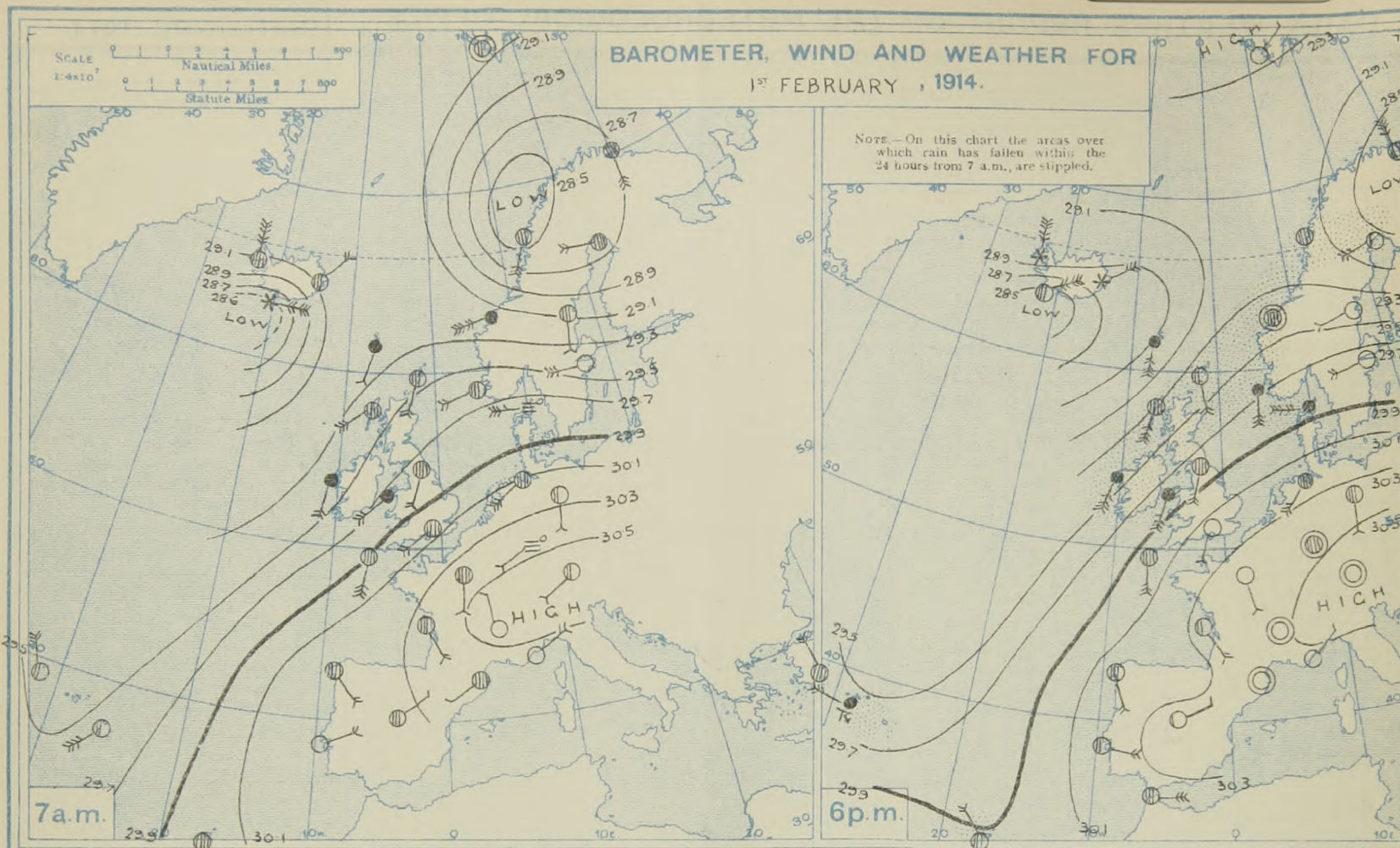
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

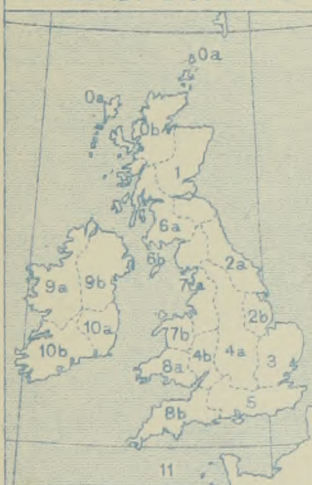
Monday  
2nd February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Year. day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			Hours.		
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Wet Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.32	46	SSE	4	bcq	29.35	-0.01	46	+4	SSE	4	or	4	0.19	51	42	bc c	c	cj or	*	
	Stornoway	29.26	51	SSW	8	odpq	29.33	-0.03	50	+6	SW	8	org	7	0.53	51	41	odpq	odpq	odp	0.0	
	Castlebay (Barra Isd.)	29.34	50	S	6	d	29.38	-0.01	50	+5	S	5	adp	6	0.05	52	45	od	d	dp	0.0	
	Glasgow	29.58	51	SV	5	o	29.67	-0.02	51	+4	SSW	5	o	8	0.07	52	37	op	opqc	opq.0	0.0	
	Eskdalemuir	29.71	47	SSW	7	r	29.77	-0.00	46	+1	SSW	8	og	8	0.35	48	44	og	og	ogq	0.0	
	Malin Head	29.41	52	SV	5	c	29.41	-0.05	51	+9	SW	8	c	6	0.15	52	42	omdq	cpq	cpq	*	
	Blacksod Point	29.38	53	SSW	8	ormq	29.40	-0.00	52	+3	SSW	7	ormqr	6	0.02	53	51	omdq	omrq	omqr	*	
	Valencia	29.60	52	S	6	orm	29.63	+0.01	53	+1	S	7	o	5	0.22	54	52	orm	orm	omr	0.0	
	Roche's Point	29.74	51	SSW	7	r	29.78	*	51	o	SSW	7	c	6	0.15	52	50	rm	rm	omc	*	
	Birr Castle	29.63	55	S	4	o	29.70	*	53	o	S	5	o	8	0.04	55	52	cqp	eq	ogp	0.0	
	Donaghadee	29.63	50	SV	4	om	29.71	-0.00	50	+5	SSW	4	omp	4	0.03	52	45	omp	om	omq	*	
	Liverpool Obsy.	29.89	54	SSW	5	o	29.93	-0.01	53	+3	SSW	4	c	4	Trace	56	51	c.og	odq	bc	0.4	
	Holyhead	29.81	50	SSW	7	opq	29.87	-0.00	50	o	SSW	6	emq	7	0.04	51	50	opdq	oprm	op.0.og	0.0	
	Pembroke (St. Ann's Hd.)	29.91	49	SSW	6	c	29.93	-0.00	48	-2	S	6	cq	6	Trace	50	48	oggm	cgm	oggm	0.0	
	Newquay	30.01	52	SSW	7	om	30.00	-0.00	48	-4	SSE	6	b	4	-	54	48	om	om	omom	0.0	
	Scilly (St. Mary's)	29.97	52	S	5	om	29.96	-0.01	50	-2	S	5	cm	6	-	53	49	om	om	omom	0.0	
	Jersey (St. Aubin)	30.22	49	S	4	bcm	30.21	*	42	-4	SE	4	bm	3	-	51	41	bm	bcm	bmw	7.0	
	Portland Bill	30.12	48	SSW	4	b	30.13	+0.01	45	-3	S	5	bc	4	-	49	44	bc	b. bc	bc	*	
	Dungeness	30.21	46	SW	3	b	30.24	+0.01	42	-4	SW	2	bc	2	-	48	41	o. c	c. bc	b. bcw	*	
	Dover	30.21	45	WSW	3	b	30.24	*	41	-4	SSW	3	b	4	-	48	40	c. bc	b	b. bcw	6.3	
ICELAND, FAEROE, &c.	Wick	29.37	46	SSW	4	c	29.42	-0.01	47	+5	S	3	cm	3	0.02	51	40	bc. emq	emqp	bcm. em	*	
	Nairn	29.34	56	SSW	6	c	29.44	*	52	+11	WSW	3	bcq	3	0.01	56	38	bcq	ce	cq	0.1	
	Aberdeen	29.53	49	S	4	r	29.60	-0.00	50	+10	SSE	2	o	2	Trace	54	38	omd	Codp	od. o	0.0	
	Leith	29.56	55	SW	5	o	29.70	-0.04	53	+11	SW	6	cq	2	Trace	56	40	d. qp	ogp	o. og	*	
	North Shields	29.77	55	SSW	5	o	29.84	+0.01	54	+7	SW	4	c	2	-	56	47	or	o. c	c. c	0.0	
	Spurn Head	29.94	50	SW	5	c	30.00	-0.00	45	-4	SSW	5	cq	5	-	54	43	cq	cq	cq	0.0	
	Yarmouth	30.13	50	SSW	2	b	30.18	-0.00	41	-8	S	3	bc	2	-	55	40	om. bc	bc	bc	0.1	
	Clacton-on-Sea	30.15	43	SSW	4	b	30.20	-0.00	41	-2	S	3	bc	3	-	47	40	og. c. bc	bc. b.	bc	1.2	
	Nottingham	30.01	53	SW	6	o	30.06	*	48	-6	SW	4	c	*	-	56	47	o. c	c. o	o. c. b	0.6	
	Bath	30.09	52	SW	6	c	30.12	*	45	-7	SSW	3	bc	*	-	54	45	c. og	c. og	c. og. bc	0.8	
SCANDINAVIA.	London (Kew Obsy.)	30.17	49	SSW	2	b	30.17	-0.00	43	-8	SSW	2	c	*	-	54	43	odq. bcq	bcq. b.	b. bc. c. bc	4.0	
	Spitzbergen	29.32	-23	NE	1	b	29.26	-0.02	-33	-7	-	0	b	*	-	-13	-38	GALES.				
	Isafjord	28.93	23	N	10	s	29.26	-0.02	-33	-7	-	0	b	*	-	-13	-38	Duration and Extreme Force in British Islands				
	Reykjavik	28.46	28	ESE	10	c	28.63	+0.09	33	+6	SSE	7	S	*	-	-	-	Stornoway 6pm-7am.				
	Vestmanna	28.84	29	NE	5	s	29.10	+0.07	27	+5	NE	4	S	*	-	-	-	SSW 8.				
	Seydisfjord	28.87	47	S	9	r	29.17	+0.03	43	+5	W	3	c	*	-	-	-	Squalls force 9 since Midt.				
	Thorshavn	28.87	47	S	9	r	29.17	+0.03	43	+5	W	3	c	*	-	-	-	Glasgow.				
	Haparanda	28.91	32	WSW	6	b	28.91	-0.20	27	-7	S	2	S	*	0.04	36	14	Sq. SW 8 in afternoon				
	Hernösand	29.45	39	WSW	2	b	29.32	-0.08	35	-2	-	0	b	*	-	43	34	Sq. SSW 8 in late evening.				
	Stockholm	29.75	40	WSW	4	b	29.65	-0.02	47	+3	W	6	o	*	-	47	34	Eskdalemuir				
GERMANY, &c.	Wisby	29.88	42	WSW	6	c	29.88	-0.01	45	+4	WSW	4	o	*	-	45	39	Sq. SSW 8 at 1 p.m.				
	Karlstad	29.77	38	SW	4	b	29.71	-0.00	43	+5	SW	5	o	*	-	45	36	6pm-4am. SSW 8.				
	Vardö	28.81	25	N	8	o	29.10	-0.00	12	-8	W	6	b	2	-	25	14	Malin Head. 1am-7am				
	Bodö	29.26	35	-	0	o	29.77	-0.10	41	+3	SW	8	c	4	0.20	41	34	SW 8				
	Christiansund	29.43	40	-	0	o	29.30	+0.04	47	+8	SW	7	o	7	0.71	47	39	Blacksod Point 2pm-Midn.				
	Skudesnaes	29.67	44	S	6	r	29.70	+0.02	46	+4	SSW	8	o	6	0.08	46	41	SSW 8.				
	Færder (K'lania Fjord)	29.76	40	SW	5	o	29.69	-0.00	41	+1	SW	7	m	4	-	41	39	Roche's Point Noon				
	The Scaw (Skagen)	29.86	47	W	9	r	29.88	-0.00	46	+4	W	8	o	3	Trace	47	34	SSW 8.				
	Blaavands Huk	30.06	41	WSW	4	m	30.12	+0.01	40	o	WSW	4	o	3	Trace	41	39	Holyhead Noon				
	Cuxhaven	30.20	45	SW	5	o	30.25	+0.01	36	-5	SSW	4	b	1	-	45	36	SSW 8				
FRANCE.	Berlin	30.36	43	S	2	c	30.39	+0.01	34	-3	S	1	bc	*	-	45	34	Gust 48 mph (q)				
	Frankfurt	30.49	39	-	0	o	30.49	+0.01	30	+1	-	0	f	*	-	39	28	6pm				
	Munich	30.56	32	-	0	b	30.58	+0.01	20	-5	S	2	b	*	-	39	19	SSW. 8				
	The Helder	30.18	43	SSW	6	b	30.24	+0.01	38	-4	S	4	b	2	-	45	37	Gust 50 mph. (q)				
	Brussels	30.36	39	SSE	3	b	30.34	-0.00	35	-7	SSE	2	b	*	-	51	34	Nairn 7pm-Midn.				
	C. Gns Nez	30.23	49	S	6	b	30.24	-0.01	41	-3	S	5	b	4	-	50	39	Extreme WSW 9 at 10pm.				
	La Hève	30.28	45	SSW	4	c	30.24	*	41	-4	SSE	4	bc	3	-	46	37	Hexham. 11am-7am.				
	Ushant	30.11	52	S	6	b	30.11	*	52	o	SSE	6	m	7	-	54	46	Extreme WSW 9 at 1am.				
	Brest (St. Mathieu)	30.16	50	S	5	bc	30.12	-0.02	47	-3	ESE	4	m	5	-	54	41	Nottingham Noon				
	Lorient (Bec Melen)	* 46	S	4	o	o	*	*	46	-3	SE	4	bc	S	-	54	41	SW 8				
SPAIN, PORTUGAL, &c.	Rochefort (Ile d' Aix)	30.31	44	SE	3	bc	30.23	-0.01	40	+2	SE	3	c	*	-	50	37	Bath 1p.m.				
	Biarritz	30.28	53	S	3	c	30.20	-0.00	54	+5	S	4	b	3	-	61	49	SW 8.				
	Paris	30.38	39	SSE	2	b	30.35	-0.01	31	-5	SSE	2	b	*	-	48	29					
	Belfort	30.49	38	-	0	c	30.52	*	26	o	ENE	2	b	*	-	47	26					
	Lyons	30.48	40	-	0	b	30.47	*	35	+11	-	0	b	*	-	45	24					
	Nice	30.48	41	NE	1	b	30.47	+0.02	42	+5	NE	1	b	1	-	52	37					
	Perpignan	30.39	47	-	0	b	30.35	+0.02	34	-4	SW	1	b	*	-	56	32					
	Sanguinaire	*	49	N	3	b	*	*	46	*	E	1	b	2	-	53	43					



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No  
Warnings Issued

Western Channel and Bay. 11

FURTHER OUTLOOK.

0 {  
a }  
b }

Strong Southerly and South-Westerly winds, a gale in places; mild, squally, some rain.

1 {  
a }  
b }

Strong South-Westerly winds; mild, changeable, some showers.

2 {  
a }  
b }

Moderate or fresh Southerly and South-Westerly winds; fair generally; becoming rather colder.

3 {  
a }  
b }

Same as No. 0.

4 {  
a }  
b }

Same as Nos. 1 and 2.

5 {  
a }  
b }

Southerly winds, strong on coast; fair generally, but slight showers locally; becoming rather colder.

6 {  
a }  
b }

Same as No. 0.

7 {  
a }  
b }

Same as No. 8.

8 {  
a }  
b }

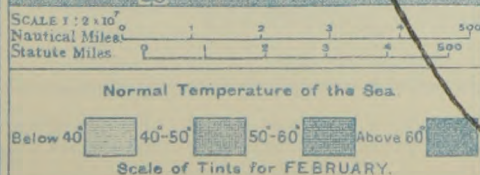
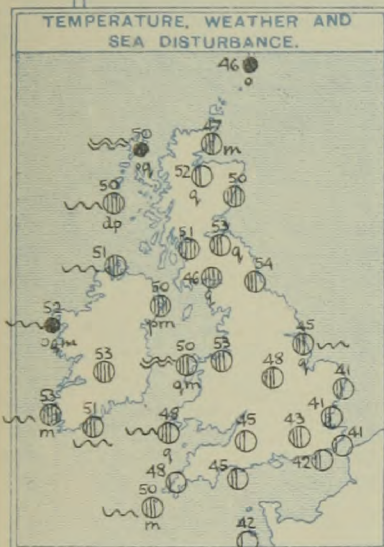
Strong Southerly winds and a rough sea; fair generally, but misty showers locally; rather cooler.

9 {  
a }  
b }

# SYNOPTIC CHART FOR 7 a.m., MONDAY, 2<sup>nd</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

Over the major part of England the weather will remain for the present under the influence of the Continental anticyclone, and will, therefore, be generally fair, with a further decrease in temperature. Secondary depressions which are skirting our north-west coasts will occasion Southerly to South-Westerly gales in the extreme west and north, with occasional rain.



## EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm is indicated by a circle.

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
⊙ sky 3/4 clouded, ⊙ overcast sky. ● rain falling.  
✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
R, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~

## DAILY WEATHER REPORT.

Monday, 2nd February 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st 6 p.m.	51	11	Lusitania	0	29.52	-0.08	SSW	8-9	0										

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	(Oban ... ..)	In.	F.°	F.°			Hr.	(Margate ... ..)		In.	F.°	F.°			Hr.
	(St. Andrews ... ..)														
Eng. N.E.	(Harrogate ... ..)	0.20	55	42	0	0.0	0.0				51	43	b	b	5.9
	(Scarborough ... ..)		55	46		0.0	0.0				49	42	b	b	4.6
Eng. N.W.	(Morecambe ... ..)				0.0	0.0	0.0				49	43	b, bc	b, bc	4.6
	(Blackpool ... ..)	0.14	53	45	0.0	0.0	0.0								5.3
	(Southport ... ..)	0.10	55	45	0.0	0.0	0.0				49	43	b, bc	b	6.8
Mid- lands.	(Buxton ... ..)	0.19	51	48	c	c	0.0				46	43	b	b	7.2
	(Leamington Spa ... ..)	0.02	55	48	bc	cb	0.8				49	45	bc	b	5.9
	(Malvern ... ..)	0.02	52	50	od	c	0.0								
Wales.	(Rhyl ... ..)	0.09	57	45			1.1								
	(Colwyn Bay ... ..)	0.09	54	46	d, bc	bc, b	0.0				48	44	c, bc, b	bc, b	5.0
	(Llandudno ... ..)	0.11	57	47	bc	bc	3.1				50	46	b	c, b	4.3
	(Bettws-y-Coed ... ..)														
	(Aberystwyth ... ..)	0.13	53	48	mod	mod	0.0				52	45	o	bc	5.3
	(Tenby ... ..)										52	49	b	b	4.0
England, E.	(Lowestoft ... ..)		52	43	o, c, bc	bc, b	0.2				50	45			4.9
	(Felixstowe ... ..)		49	41	o, em	bc, b	3.7				50	45			4.9
	(Walton-on-Naze ... ..)		46	41	o, c	bc, b	2.4				54	52	o	o	0.0
	(Southend-on-Sea ... ..)		52	42	bc	b	5.0				54	52	o	o	0.0
											56	47	c, bc	b, bc, c	2.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	75	80	5.3	55	43	37	bc, b	bc, b	b
City (Bunhill Row) ...			4.5						
Westminster (St. James's Pk.)	75	83	2.9	56	44	37	bc	b, bc	b
Camden Sq. (Brit. Rainfall)		79	4.1	55	42	34			
Hampstead (Reservoir) ...		76	4.8	53	46	36	bc	o, cd	o
Richmond Park ...			4.3						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				466 Jones		14.2 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.02	56	42	4.0	b, mod	eq, b
Plymouth to 9 p.m.						
Darwen "						
Manchester "						
Birmingham "	0.03	52	49	4.6	r	o
Oxford to 8 p.m.		54	49	4.5	odg	og
S. Kensington		55	49	4.1	o	opc, bc
(Museum Grounds to 6 p.m.)						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

2nd & 3rd Feb., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ... ..	G.M.T. 7.36	G.M.T. 12.7	G.M.T. 4.38
	7.35	12.7	4.39
Greenwich ... ..	7.37	12.14	4.49
	7.38	12.14	4.50
Wick ... ..	8.19	12.26	4.33
	8.17	12.26	4.35
Valencia ... ..	8.23	12.55	5.27
	8.21	12.55	5.29

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° and upwards in several parts of the United Kingdom, and to 57° at Rhyl and Aberystwyth. Considerable amounts of bright sunshine were recorded on our south and south-east coasts; elsewhere there was little or none. Rain fell at most of our northern stations, and a fresh to strong gale from the South-Westward was experienced in the west and north generally.

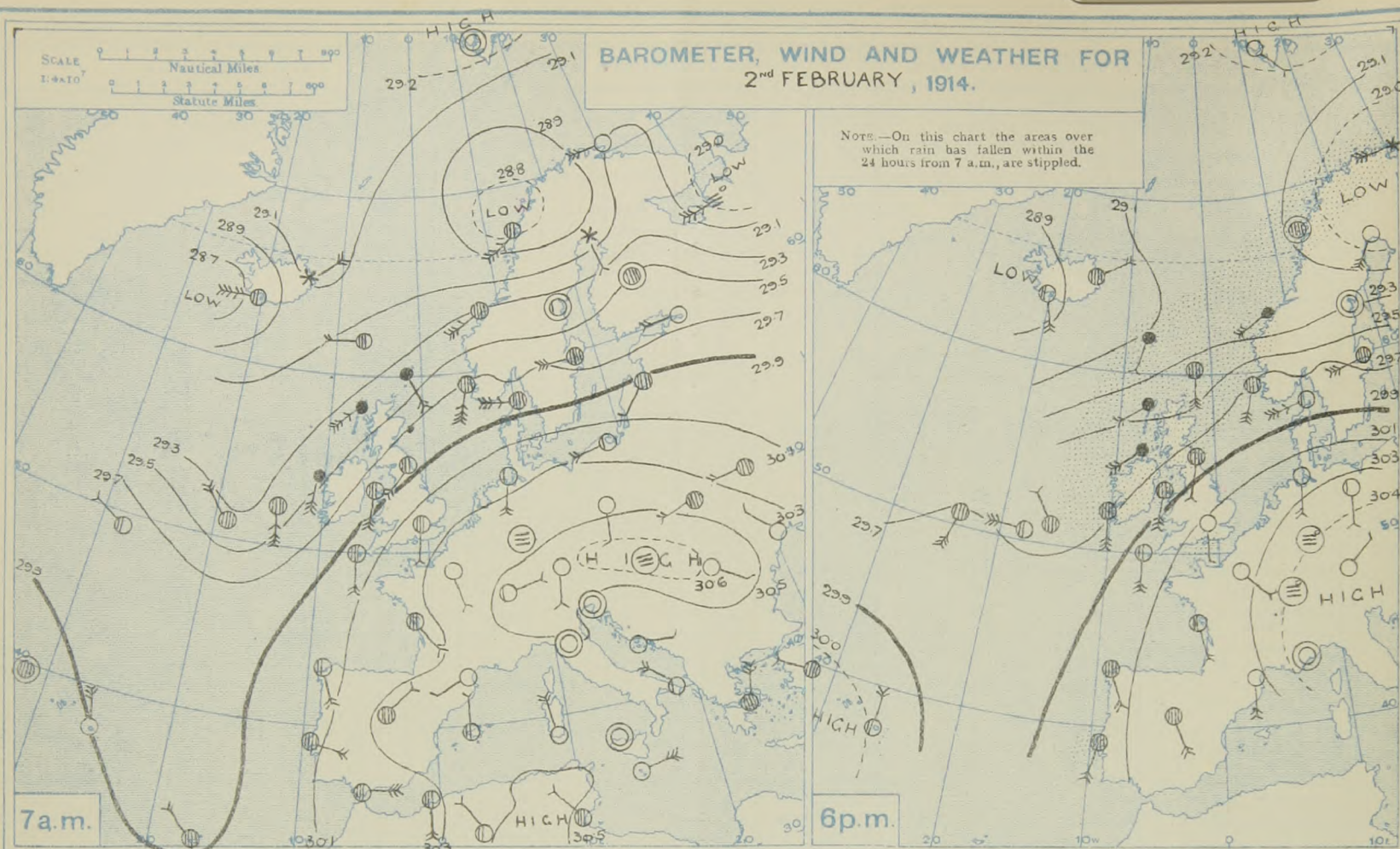
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

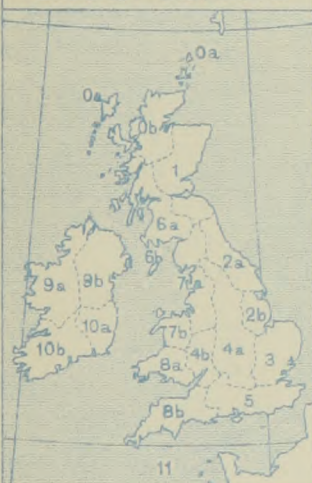
Tuesday,  
3rd February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			
	At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Dir.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 46°	Change since 7 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).					Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.	Lerwick ... ..	29.32	46	S	6	oq	29.59	+0.8	41	-5	WSW	4	bc	3	0.15	50	39	o.cpq	dpq	oqb	Hours. 5
	Stornoway ... ..	29.48	42	SW	4	op	29.71	+0.4	36	-14	SSW	3	c	3	0.45	51	35	oqj	op	op.c	0.0
	Castellbay (Barra Isd.)	29.52	43	WSW	4	r	29.71	+0.1	44	-6	SW	4	cp	4	0.24	52	42	dp.7	r	no.bc	0.0
	Glasgow ... ..	29.60	51	SSW	5	oqj	29.80	+0.5	40	-11	WNW	1	b	*	0.19	51	39	oq	oqb	oqb.bj	0.0
	Esksdalemuir ... ..	29.73	45	SSW	8	oq	29.81	+0.5	42	-4	S	2	o	*	0.29	47	41	oq	oqj	oq.og.8	0.0
	Malin Head ... ..	29.57	45	SW	6	r	29.73	+0.4	38	-13	W	2	bc	2	0.54	53	37	oq	omqr	bc	*
	Blacksod Point ... ..																				*
	Valencia ... ..	29.62	53	S	6	om	29.71	-0.2	51	-2	S	3	cm	4	0.27	54	46	om	om	om.nc	0.0
	Roche's Point ... ..	29.76	51	SSW	6	o	29.81	*	50	-1	SW	4	o	5	0.07	51	48	om	om	om.p.o	*
	Birr Castle ... ..	29.47	53	S	3	c	29.75	*	45	-8	-	0	r	*	0.23	55	43	oq	oq	oq.or	0.4
	Donaghadee ... ..	29.64	50	SW	4	bcq	29.80	+0.4	43	-7	W	2	om	3	0.25	52	42	bcq	bcq	bcq.or	*
	Liverpool Obsy. ... ..	29.90	54	SSW	4	o	29.89	+0.2	52	-1	SW	3	oe	3	-	53	49	bcq	bc	o	1.5
	Holyhead ... ..	29.84	50	SSW	6	omq	29.85	+0.2	50	0	SSW	6	omdg	5	0.11	51	47	o.c.oqj	o.c.dp	o.c.dp.om	0.0
	Pembroke (St. Ann's Hd.)	29.89	50	S	6	o	29.91	+0.1	49	+1	S	6	ogq	6	Trace	50	48	oq	oq.m.oq	oq.og.8	0.4
	Newquay ... ..	29.98	49	SSE	6	b	30.00	0.0	50	+2	SE	4	c	4	-	52	48	o	oq	bm.om	5.2
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ... ..	29.94	52	S	5	bcm	29.97	+0.1	51	+1	S	4	om	6	-	53	49	bcm	bcm	bcm.cm	1.1
	Jersey (St. Aubin) ... ..	30.15	44	SE	2	b	30.16	*	42	0	SSE	3	b	3	Trace	48	42	b	b.c.b	bw	6.6
	Portland Bill ... ..	30.12	45	S	3	o	30.10	-0.1	46	+1	S	2	b	3	0.04	48	44	bc	bc.o	o.c.bce	*
	Dungeness ... ..	30.17	45	S	4	bc	30.14	-0.1	43	+1	S	3	bc	3	Trace	45	42	bc	bc	bef.be	*
	Dover ... ..	30.13	44	S	3	b	30.13	*	42	+1	SSW	3	b	2	Trace	45	37	b	b	b	8.0
	Wick ... ..	29.46	44	W	2	bc	29.72	+0.6	36	-11	SW	2	bm	2	0.02	54	33	cm.bcz	bcq	bcm.pd	*
	Nairn ... ..	29.49	45	WSW	3	edu	29.75	*	35	-17	-	0	bc	1	0.03	57	33	g.b	oqb	p.b.c	4.4
	Aberdeen ... ..	29.54	53	SSW	4	o	29.79	+0.5	38	-12	SW	1	b	2	0.38	54	38	og	oq.c	or.b	0.0
	Leith ... ..	29.62	52	SSW	4	c	29.78	+0.8	43	-10	W	2	o	*	0.13	54	42	oq.o	c	a.or.o	*
	North Shields ... ..	29.80	53	SW	2	o	29.83	+0.7	55	+1	SW	3	o	2	-	56	53	bc	c.o	bc.c	?
	Spurn Head ... ..	29.95	47	S	5	c	29.91	+0.2	46	+1	SW	5	bcq	4	-	53	43	oq	oq	bcq	0.1
	Yarmouth ... ..	30.09	42	S	2	bme	30.06	-0.1	42	+1	SW	2	bc	1	-	50	40	bc	bc.b	bc	4.8
	Clacton-on-Sea ... ..	30.02	41	SSW	3	bc	30.09	0.0	41	0	SW	2	bcw	2	-	45	39	bc	bc	bc.bw	2.6
	Nottingham ... ..	30.00	49	SW	4	b	29.98	*	45	-3	SW	3	c	*	-	54	41	cm	c.b	b	0.0
	Bath ... ..	30.08	45	SSW	6	bc	30.07	*	47	+2	S	3	c	*	-	54	40	b.b.c	b.b.cq	b.c.p	6.2
London (Kew Obsy.) ... ..	30.13	43	S	1	bm	30.09	0.0	36	-7	SSE	1	fox	*	-	52	35	b.b.m.b.c	bc.bm.	bm.fax	6.4	
SCANDINAVIA.	Spitzbergen ... ..	29.22	-37	SE	2	b	29.17	0.0	-34	-1	SE	1	b	*	-	-33	-40				
	Isafjord ... ..																				
	Reykjavik ... ..	28.80	32	ESE	4	c	29.10	+0.6	31	-2	-	0	c	*	-	*	*				
	Vestmanna ... ..	28.83	34	SSE	5	bc	29.12	+0.5	33	-3	-	0	bc	3	-	*	*				
	Seydisfjord ... ..	29.03	31	NE	3	o	29.21	+0.4	25	-2	SW	2	b	*	-	*	*				
GERMANY, &c.	Thorshavn ... ..	29.10	38	SSW	2	T	29.42	+0.7	40	-3	W	5	bc	*	-	*	*				
	Haparanda ... ..	28.91	40	SW	6	b	29.22	+0.8	14	-13	N	4	b	*	-	43	12				
	Hernösand ... ..	29.30	36	-	0	b	29.27	+0.6	43	+8	W	2	b	*	-	46	28				
	Stockholm ... ..	29.65	46	WSW	6	o	29.54	0.0	44	-3	WSW	4	o	*	-	48	41				
	Wisby ... ..	29.89	41	WSW	4	b	29.76	-0.1	42	-3	SW	6	bc	*	-	45	39				
	Karlstad ... ..	29.71	42	SW	4	o	29.57	-0.2	38	-5	SW	4	o	*	-	46	38				
	Vardö ... ..	28.94	18	W	6	s	29.08	-0.2	17	+5	NW	6	s	3	?	18	12				
	Bodö ... ..	29.07	32	-	0	o	29.12	+0.4	26	-15	E	4	o	2	?	41	25				
	Christiansund ... ..	29.13	47	SW	5	r	29.35	+0.2	39	-8	SW	6	r	6	2.01	47	37				
	Skudenes ... ..	29.72	46	SSW	6	o	29.65	+0.4	43	-3	NW	6	r	4	0.24	46	43				
FRANCE.	Færder (X'ania Fjord)	29.68	41	SW	7	m	29.23	-0.3	41	0	SSW	7	m	5	-	41	41				
	The Scaw (Skagen) ... ..	29.86	46	WSW	8	b	29.73	-0.4	44	-2	WSW	6	o	2	-	46	41				
	Blaavands Huk ... ..	30.08	39	SSW	4	m	29.93	-0.4	40	0	SSW	3	m	2	-	41	37				
	Cuxhaven ... ..	30.21	39	S	3	b	30.09	-0.4	35	-1	S	3	b	0	-	46	35				
	Berlin ... ..	30.32	39	S	2	b	30.23	-0.1	32	-2	S	1	b	*	-	48	32				
	Frankfurt ... ..	30.40	39	-	0	m	30.38	0.0	26	-4	-	0	p	*	-	45	25				
	Munich ... ..	30.49	30	NE	1	b	30.48	+0.1	22	+2	SSW	2	b	*	-	36	20				
	The Helder ... ..	30.18	41	S	3	b	30.10	-0.1	38	0	S	4	bc	2	-	43	37				
	Brussels ... ..	30.26	39	SSE	2	b	30.21	-0.1	35	0	SSE	2	b	*	-	51	33				
	C. Gris Nez ... ..	30.15	44	S	5	b	30.14	0.0	42	+1	S	5	bc	4	-	50	39				
SPAIN, PORTUGAL, &c.	La Hève ... ..	30.18	46	SSE	3	b	30.18	*	42	+1	S	2	m	2	-	52	39				
	Ushant ... ..	30.07	48	SSE	6	c	30.00	*	48	-4	SSE	3	c	6	-	54	43				
	Brest (St. Mathieu) ... ..	30.12	48	ESE	3	m	30.09	0.0	47	0	SE	4	c	5	-	54	46				
	Lorient (Bec Melen) ... ..	*	47	SE	4	o	*	*	43	-3	ESE	3	bc	6	-	54	39				
	Rochefort (Ile d' Aix)	30.21	46	SSE	3	bc	30.20	+0.1	39	-1	SE	3	b	*	-	52	37				
	Biarritz ... ..	30.19	57	S	4	b	30.17	0.0	54	0	SSE	3	b	3	-	61	46				
	Paris ... ..	30.27	39	SE	2	b	30.26	+0.3	32	+1	SSE	2	b	*	-	49	30				
	Belfort																				



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

**No Warnings Issued.**

Western Channel and Bay. 11

0 { a } Light or moderate South-Westerly to Southerly winds;  
b } fair and cold to-day, becoming milder later, with some rain.

2 { a } Moderate Southerly winds; fair to-day, some rain  
b } to-morrow; temperature remaining above the normal.

6 { a } Southerly winds, strong in places; mild, unsettled,  
b } occasional rain, misty on coast.

8 { a } Moderate or fresh South-Westerly to Westerly winds;  
b } mild and unsettled at first, with occasional rain, then becoming finer and cooler.

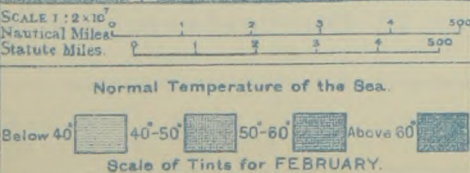
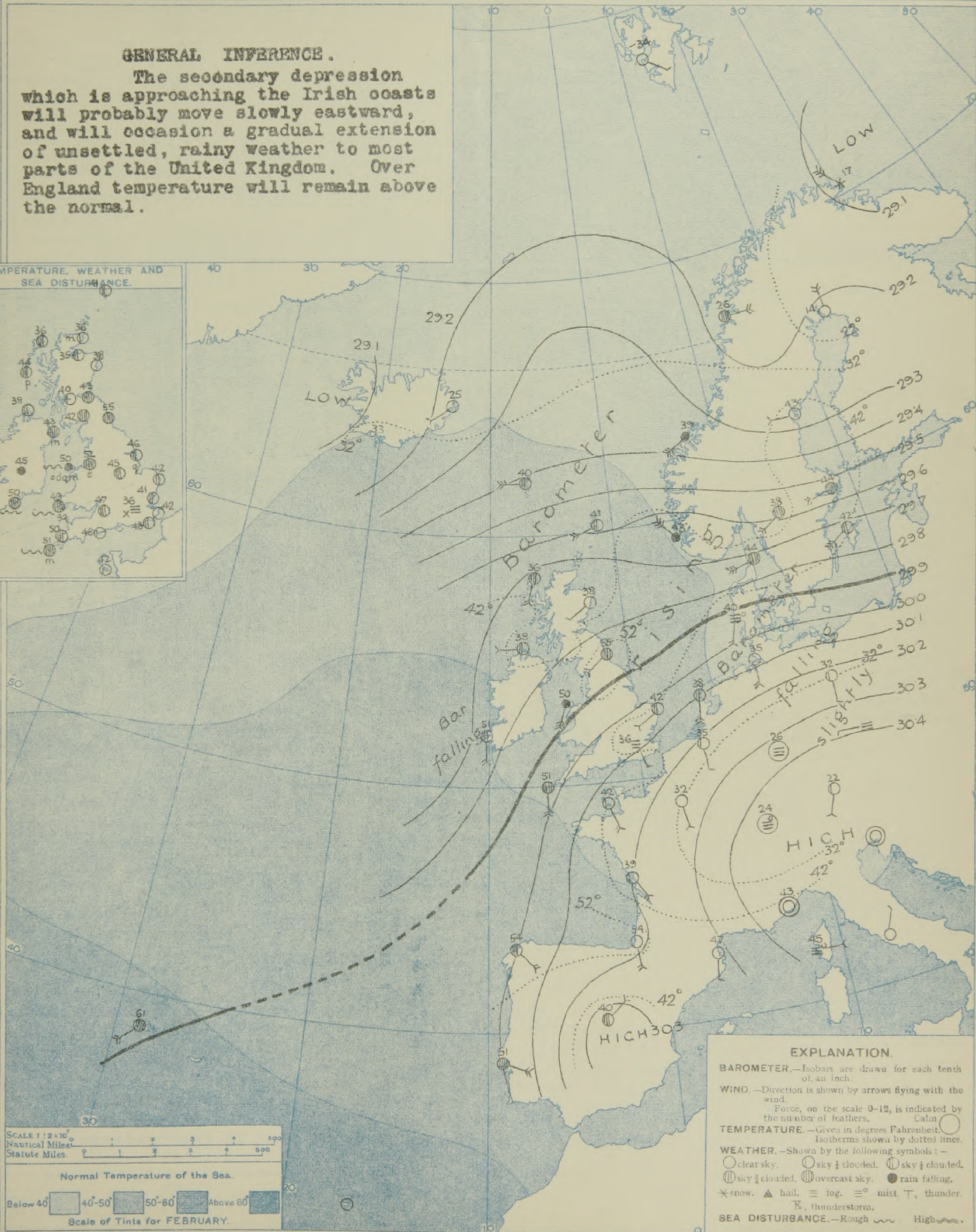
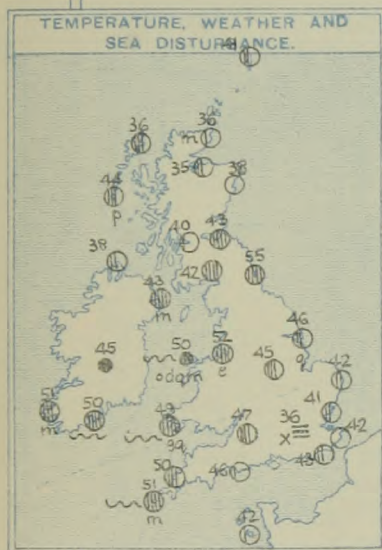
10 { a } Freshening Southerly winds and a rough sea; fair at  
b } first, some rain later, mist locally; continuing mild.

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 3<sup>rd</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The secondary depression which is approaching the Irish coasts will probably move slowly eastward, and will occasion a gradual extension of unsettled, rainy weather to most parts of the United Kingdom. Over England temperature will remain above the normal.



**EXPLANATION.**

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

**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
○ sky 1/2 clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
K, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~

Tuesday 3rd February 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
2nd ? 6p.m.	50	23	<u>Campania</u>	H	29.72	-02	SSW	6-7	0	2nd 7a.m.	49	29	<u>Megantic</u>	O	29.65	-01	W	6-7	C
" 6p.m.	50	17	<u>Minneapolis</u>	O	29.61	+06	W	6-7	bc	" "	49	28	<u>Campania</u>	H	29.79	-00	WNW	1-3	bc
" "	51	15	<u>Tunisia</u>	O	29.68	?	NW	1-3	0	" "	50	18	<u>Lusitania</u>	O	29.35	-00	NW	4-5	0
" "	51	10	<u>Dominion</u>	H	29.62	+06	S	6-7	0	" "	50	14	<u>Minneapolis</u>	O	29.37	-04	S	8-9	0
										" "	51	13	<u>Dominion</u>	H	29.40	+06	S	8-9	0

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		STATIONS.	Rainfall	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	{ Oban ... ..	In. 0.43	F.° 54	F.° 43	agr	ogr	Hr. 0.0	{ Margate ... ..	In. -	F.° 48	F.° 39	b	b.b.c	Hr. 4.4	
	{ St. Andrews ... ..	" "	53	49	"	"	0.0		{ Ramsgate ... ..	-	46	38	"	"	6.3
Eng. N.E.	{ Harrogate ... ..	"	52	48	c	c	0.0	{ Folkestone ... ..	-	46	40	b	b	7.2	
	{ Scarborough ... ..	"	55	44	c.e	c.e	0.1	{ Littlestone ... ..	"	"	"	"	"	7.1	
Eng. N.W.	{ Morecambe ... ..	0.04	54	49	b.c	od	0.0	{ Hastings ... ..	"	47	41	b	b	7.1	
	{ Blackpool ... ..	"	54	50	o	o	0.0	{ Bexhill-on-Sea ... ..	-	48	41	b	b	6.7	
	{ Southport ... ..	"	56	50	on.o	o	0.0	{ Eastbourne ... ..	"	47	44	b.c	b	7.0	
								{ Seaford ... ..	-	46	41	b	b	6.5	
								{ Brighton ... ..	-	47	43	c.b.c.b	b	6.3	
Mid- lands.	{ Buxton ... ..	"	50	43	b.c	b.c	0.4	{ Worthing ... ..	-	50	42	b	b	7.2	
	{ Leamington Spa ... ..	"	56	43	o	c.b.b.c	1.9	{ Littlehampton ... ..	-	"	"	"	"	7.5	
	{ Malvern ... ..	"	54	45	b	b	5.7	{ Southsea ... ..	-	50	44	b	b	7.8	
								{ Ryde ... ..	-	49	43	b	b	7.0	
								{ Ventnor ... ..	-	50	43	"	"	7.8	
Wales.	{ Rhyl ... ..	"	59	51	b.c	b.c	2.6	{ Bournemouth ... ..	-	49	44	b	b.o	6.1	
	{ Colwyn Bay ... ..	0.03	57	51	b.c.b	b.b.c	4.2	{ Hythe ... ..	-	49	37	b	b	6.0	
	{ Llandudno ... ..	"	55	52	b	b	3.3	{ Weymouth... ..	-	50	45	b.g	o.g	4.0	
	{ Bettws-y-Coed ... ..	"	"	"	"	"	"	{ Exmouth ... ..	-	52	48	b.c	b.c	4.2	
	{ Aberystwyth ... ..	"	56	48	c.e.b	c.o	2.7	{ Teignmouth ... ..	-	51	47	b.b.c	b.c.c	2.8	
England, E.	{ Tenby ... ..	"	49	44	b	c.o	4.0	{ Torquay ... ..	-	52	46	b	b.c.c.o	5.9	
	{ Lowestoft ... ..	"	48	40	b.c	b.c.b	4.2	{ Paignton ... ..	-	53	47	b	b.b.c	6.1	
	{ Felixstowe ... ..	"	45	40	c.b.c.m	b.c.b.m	5.9	{ Falmouth ... ..	-	52	48	b.g	b.v	5.5	
	{ Walton-on-Naze ... ..	"	43	40	b.c.m.o.m	b.c.b.m	5.9	{ Bude ... ..	-	53	48	b	b	6.6	
	{ Southend-on-Sea ... ..	"	48	39	b.c.b	b.b.c	4.7	{ Ilfracombe ... ..	-	56	48	b	b	5.8	
							{ Weston-super-Mare ... ..	-	51	43	b.b.c	b.c	1.2		

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.					
	3 P.M. Yester- day.	9 A.M. To- day.		In Shade.		Min. on Grass.		Fore- noon.	After- noon.	Night.			
				Max.	Min.								
				24 HOURS ENDED 9 A.M. TO-DAY.									
				%	%	Hr.	F.				F.	F.	In.
Greenwich (Royal Obsy.) ...	74	93	7.0	52	37	25	-	bc	b	bcc			
City (Runhill Row) ...	*	*	3.0	*	*	*	*	*	*	*			
Westminster (St. James's Pk.)	66	92	5.6	53	41	35	-	b	b	bc			
Camden Sq. (Brit. Rainfall)	67	91	4.8	52	40	34	-	bomb	b	*			
Hampstead (Reservoir) ...	*	94	6.3	53	40	27	-	b	bc	o			
Richmond Park ...	*	*	6.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Kew. (See front page)													
S. Kensington (Roof of M.O.)	68	91	6.0	Total. 481 Joules			Average Rate. 14.6 Milli-watts.		Max. Rate. 28.0 Milli-watts.				

### Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yesterday.
		In Screen.		Night Mio. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	0.01	56	53	52	o. eq	cq	c	*
Plymouth to 9 p.m.	-	51	47	44	c. bw	bc	o	3.2
Darwen "	-	51	45	44	o. c	o4	o4	0.0
Manchester "	-	54	48	*	c. bz	bz	bc. c	0.0
Birmingham "	-	53	41	39	c	c	c	0.9
Oxford to 8 p.m.	*	55	42	37	bc. b	b. bz	b	*
S. Kensington (Museum Grounds to 8 p.m.)	-	52	44	34	bc	b. bz	bz.	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.  
TO-DAY AND TO-MORROW.

3rd & 4th Feb, 1914.			Sunrise.	Noon.	Sunset.
			G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	...	7.35 7.33	12.7 12.7	4.39 4.41
Greenwich	...	...	7.38 7.36	12.14 12.14	4.56 4.52
Wick	..	...	8.17 8.15	12.26 12.26	4.38 4.37
Valencia	...	...	8.21 8.12	12.55 12.55	5.29 5.36

### NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in most parts of the United Kingdom, and reached 58° at Liverpool, and 59° at Rhy1. Ground frost occurred at night in the London district. Rain occurred in the west and north generally, and a gale was experienced on many parts of our northern coasts. Wireless reports show that between the Irish coasts and the 15th meridian ships experienced fresh to strong gales from the Southward, and dull weather; further to the westward the wind was Westerly or North-Westerly.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

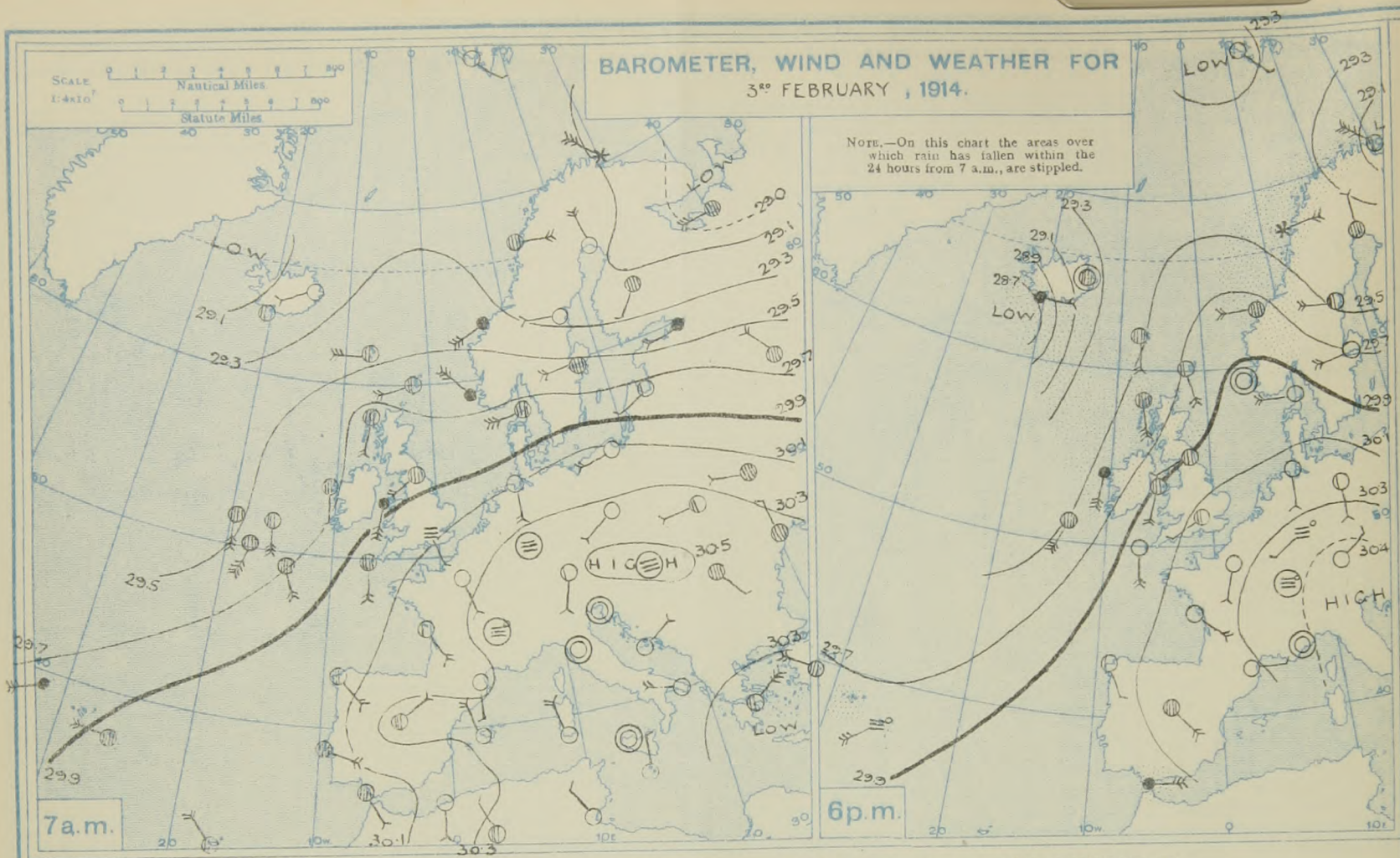
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
14th February, 1914.

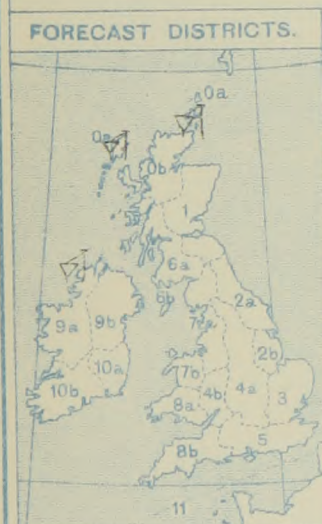
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.						
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Force (0 to 12).	Dir.			Force (0 to 12).	Weather	Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	In.	F.°					In.	In.	F.°						In.	F.°	F.°				Hours.		
	Lerwick ...	29.73	44	SSE	4	bc	29.52	+0.2	49	+8	SSE	4	cqb	2	0.03	50	38	bc	c	omr	*		
	Stornoway ...	29.57	45	S	5	odp	29.57	+0.6	48	+12	SSW	6	cq	6	0.04	51	33	c bc	bc odp	o.c.dq	1.6		
	Castlebay (Barra Isd.)	29.53	49	SSE	4	dp	29.62	+0.3	49	+5	SW	4	c	4	0.06	51	43	dp bc o	dp	dp c o	1.0		
	Glasgow ...	29.75	50	SSW	3	o	29.78	0.0	48	+3	SSW	4	o	*	0.12	51	38	bc dp m	od	dp o d	0.0		
	Eskdalemuir ...	29.85	45	SSW	6	omr	29.86	+0.1	44	+2	SSW	6	or	*	0.24	47	41	otm	odm	omr or	0.0		
	Malin Head ...	29.57	50	SW	5	o	29.65	+0.2	40	+2	SW	5	o	3	Trace	51	36	bc	omd	om	*		
	Blacksod Point ...	29.51	50	SSW	6	omgr	29.56	-0.05	50	+6	SSW	6	ogr	5	0.32	51	45	omr	omgr	omgr	*		
	Valencia ...	29.66	53	S	6	omg	29.66	-0.02	51	0	S	5	om	5	0.11	54	50	omg	omg	omr	0.0		
	Roche's Point ...	29.83	51	SSW	5	c	29.80	*	49	-1	SSW	5	c	5	0.02	51	49	om	c bc c	o.c.opo	*		
	Birr Castle ...	29.74	53	S	3	c	29.74	*	50	+5	SSW	2	c	*	0.03	54	45	d.o.c	c	c	0.3		
	Donaghadee ...	29.76	50	SW	3	om	29.78	+0.02	49	+6	SSW	3	omr	3	0.01	50	43	omr	omr	og omr	*		
	Liverpool Obsy. ...	29.95	53	S	3	o	29.94	+0.01	42	-10	ESE	3	bc	2	-	56	42	o	o.c	bc	0.0		
	Holyhead ...	29.91	51	SSW	4	cqg	29.90	+0.02	47	-3	S	6	oeg	5	Trace	51	47	o.c.pog	og.c	bc km	0.0		
	Pembroke (St. Ann's Hd.)	29.94	48	S	4	bc	29.94	+0.02	48	-1	SSW	4	og	4	-	51	47	og	c bc	bc m	4.2		
Newquay ...	30.00	48	SSE	5	b	29.99	0.0	49	-1	S	6	bme	3	-	56	46	bc b	b	bc	4.7			
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.97	50	S	4	b m	29.94	-0.02	50	-1	S	4	b m	5	-	53	48	b m	b m	b m b m	3.2		
	Jersey (St. Aubin) ...	30.13	47	SE	3	b	30.16	*	43	+1	SSE	3	om	3	Trace	50	41	bc	b	b bc	7.8		
	Portland Bill ...	30.11	46	SSE	1	b	30.07	0.0	45	-1	S	3	bc	3	-	50	44	bc	b	b bc	*		
	Dungeness ...	30.18	43	SW	2	bc	30.18	-0.01	44	+1	SSE	3	b	3	-	47	42	c	c bc	bc b w	*		
	Dover ...	30.17	44	SW	3	bc	30.17	*	42	0	S	3	b	3	0.01	46	40	b bc b	bc b bc	bc b	6.3		
	Wick ...	29.66	44	SSE	5	c	29.62	+0.08	48	+12	S	1	c	3	Trace	49	35	b m	b m omg	om omr	*		
	Nairn ...	29.66	45	-	0	og	29.63	*	52	+17	WSW	4	cq	3	0.02	52	31	b v	bc og	dg o	6.0		
	Aberdeen ...	29.75	46	SSE	2	od	29.73	+0.07	47	+9	ESE	2	od	2	Trace	50	36	bc c	c od	od	0.6		
	Leith ...	29.74	54	SW	4	r	29.77	+0.03	50	+7	SSW	4	c	*	0.02	55	41	og o	od op	op c	*		
	North Shields ...	29.87	53	SW	2	c	29.89	+0.02	43	-12	SSW	3	c	2	0.03	55	42	r o	o bc	c	0.3		
	Spurn Head ...	29.99	49	SW	4	c	30.03	+0.02	40	-6	S	3	cm	4	-	53	38	c	c	c	1.2		
	Yarmouth ...	30.12	42	SW	1	b m	30.15	0.0	40	-2	S	3	bc	2	-	55	39	b m	b m	bc	1.3		
	Clacton-on-Sea ...	30.14	42	SSE	2	bc	30.16	0.0	40	-1	S	2	b w i e	2	-	46	39	bc	bc	b w e	0.6		
	Nottingham ...	30.05	50	SW	2	b	30.05	*	41	-4	SW	2	b	*	-	55	40	c	c b	b	0.0		
	Bath ...	30.09	49	SSE	1	b	30.08	*	45	-2	S	2	c	*	-	57	35	c o bc	c bc b	b o c	5.5		
London (Kew Obsy.) ...	30.14	47	SW	1	bc	30.13	0.0	38	+2	SE	1	b m e	*	-	54	35	fx cm	em b m b	bc b m e	2.7			
SCANDINAVIA.	Spitzbergen ...	29.28	-32	SE	1	b	29.38	+0.02	-27	+7	SE	2	b	*	-	-27	-40	*	*	*	*		
	Isafjord ...	28.72	33	E	9	S	28.64	+0.04	35	+4	-	0	o	*	-	*	*	*	*	*	*		
	Reykjavik ...	28.72	33	E	9	S	28.64	+0.04	35	+4	-	0	o	*	-	*	*	*	*	*	*		
	Vestmanna ...	28.70	37	E	3	r	28.65	+0.03	37	+4	W	2	c	3	-	*	*	*	*	*	*		
	Seydisfjord ...	28.25	27	-	0	o	28.72	-0.04	42	+17	S	3	bc	*	-	*	*	*	*	*	*		
	Thorshavn ...	29.47	42	S	3	o	29.18	+0.15	45	+5	WSW	5	c	*	-	*	*	*	*	*	*		
	Haparanda ...	29.42	-4	N	2	o	29.67	+0.08	3	-11	SW	2	b	*	-	12	-4	*	*	*	*		
	Hernösand ...	29.49	38	W	4	bc	29.35	0.0	33	-10	-	0	c	*	-	45	32	*	*	*	*		
	Stockholm ...	29.70	42	WSW	4	b	30.02	+0.03	31	-13	WSW	2	bc	*	-	45	30	*	*	*	*		
	Wisby ...	29.83	40	WSW	6	bc	30.11	+0.04	33	-9	WSW	2	b	*	-	45	32	*	*	*	*		
	Karlstad ...	29.86	40	WSW	2	b	30.00	0.0	33	-5	S	2	o	*	-	46	27	*	*	*	*		
	Vardö ...	29.08	18	NW	8	bc	29.18	+0.04	19	+2	W	6	o	3	?	23	16	*	*	*	*		
	Bodö ...	29.41	28	E	4	S	29.71	+0.01	28	+2	NW	2	c	2	?	28	21	*	*	*	*		
	Christiansund ...	29.78	40	W	4	o	29.57	-0.15	40	+1	-	0	o	5	0.32	41	36	*	*	*	*		
	Skudesnaes ...	29.93	37	-	0	b	29.84	-0.01	46	+3	S	3	o	5	-	46	37	*	*	*	*		
Færder (X'tania Fjord)	29.93	39	-	0	b	29.93	+0.03	39	-2	S	3	m	2	0.04	43	37	*	*	*	*			
The Scaw (Skagen) ...	29.98	39	W	4	b	30.03	+0.01	42	-2	SW	4	m	1	-	45	36	*	*	*	*			
Blaavands Huk ...	30.00	40	SW	2	m	30.17	+0.03	40	0	SW	2	m	1	-	41	37	*	*	*	*			
GERMANY, &c.	Cuxhaven ...	30.15	39	S	2	b	30.23	+0.02	36	+1	SW	3	m	0	-	45	35	*	*	*	*		
	Berlin ...	30.23	39	S	2	b	30.32	+0.01	34	+2	SW	2	c	*	-	48	32	*	*	*	*		
	Frankfurt ...	30.34	39	SW	1	m	30.42	+0.03	28	+2	-	0	f	*	-	41	25	*	*	*	*		
	Munich ...	30.43	32	NE	1	b	30.51	+0.01	19	-3	S	1	b	*	-	39	18	*	*	*	*		
	The Helder ...	30.17	40	SSW	4	b	30.23	+0.02	34	-4	S	2	b	1	-	43	34	*	*	*	*		
	Brussels ...	30.27	41	SW	2	b	30.24	0.0	36	+1	SSE	1	b	*	-	50	35	*	*	*	*		
FRANCE.	C. Gris Nez ...	30.19	45	S	5	b	30.18	0.0	41	-1	S	5	b	3	-	46	41	*	*	*	*		
	La Hève ...	30.19	50	SSE	3	b	30.19	*	43	+1	SE	4	b	2	-	54	41	*	*	*	*		
	Ushant ...	30.03	50	SSE	3	bc	30.03	*	48	0	SSE	4	m	5	-	52	43	*	*	*	*		
	Brest (St. Mathieu) ...	30.07	48	SE	3	m	30.12	+0.01	47	0	SE	4	m	5	-	54	46	*	*	*	*		
	Lorient (Bec Melen) ...	*	49	SE	4	bc	*	*	45	+2	SE	3	m	5	-	54	41	*	*	*	*		
	Rochefort (Île d' Aix) ...	30.18	48	SE	3	b	30.22	+0.01	40	+1	SE	4	b	*	-	54	37	*	*	*	*		
	Biarritz ...	30.18	57	S	3	b	30.21	+0.01	51	-3	S	3	b	4	-	61	50	*	*	*	*		
	Paris ...	30.26	41	SSW	1	b	30.28	+0.02	28	-4	SE	2	b	*	-	51	28	*	*	*	*		
	Belfort ...	30.37	40	-	0	m	30.44	*	25	+1	-	0	m	*	-	51	24	*	*	*	*		
	Lyons ...	30.35	44	-	0	o	30.41	*	35	0	SSE	1	b	*</									

**GALES.**  
Duration and Extreme Force  
in British Islands  
Stornoway. Night  
Squalls S S.

\* Information for these columns not usually received.  
† Received too late for insertion in Charts.



### FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



**STORM WARNINGS.**  
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted  
7.10 p.m. in Districts 0 & 9.

Western Channel and Bay. 11

### FURTHER OUTLOOK.

Southerly winds, increasing in force, a gale in places; mild, squally, occasional rain.

Southerly winds, freshening; mild, unsettled, occasional rain.

Southerly winds, light or moderate; fine generally; moderate temperature.

Same as No. 0.

Southerly winds, strong on coast; fair at first, some rain later, mist locally; continuing mild.

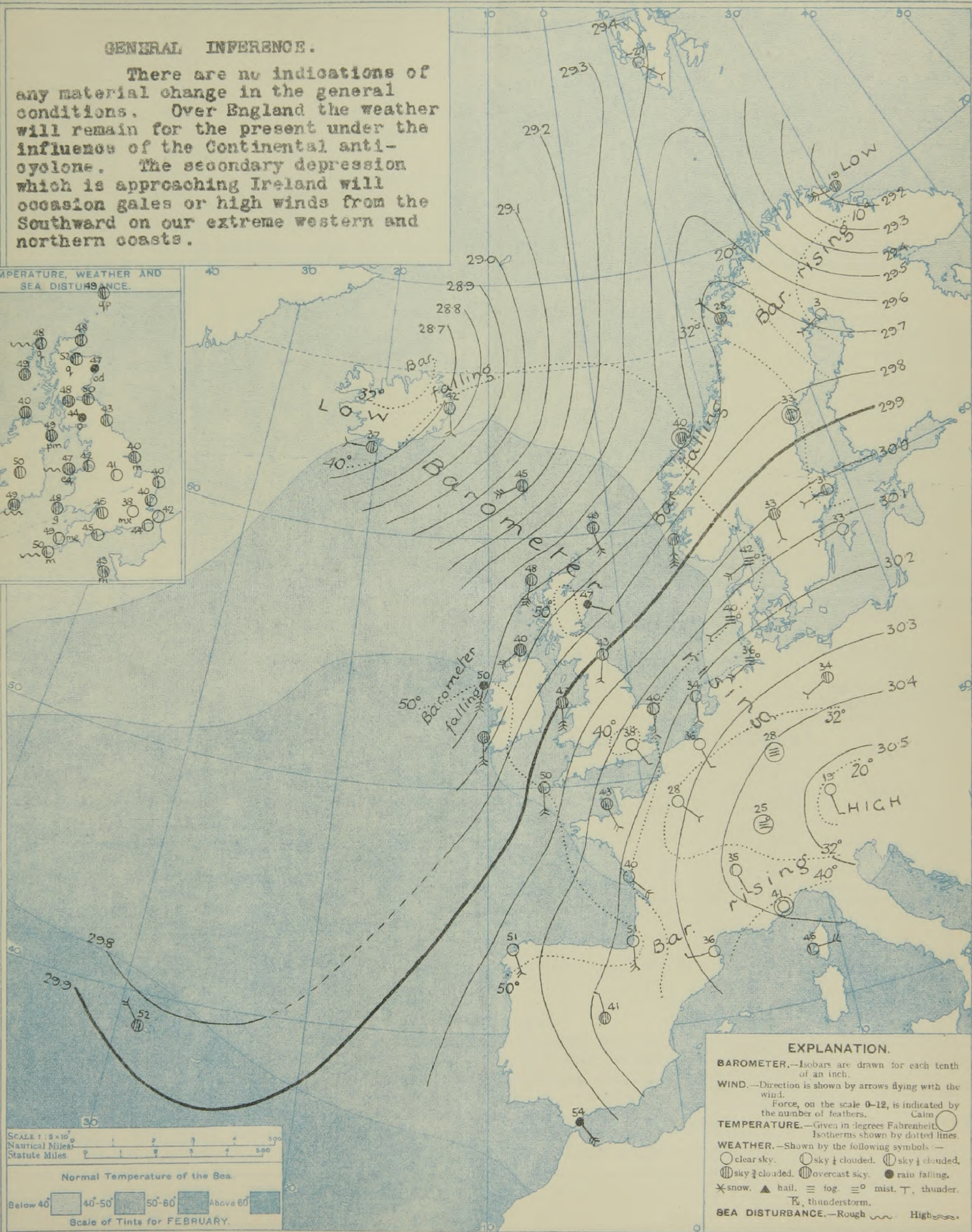
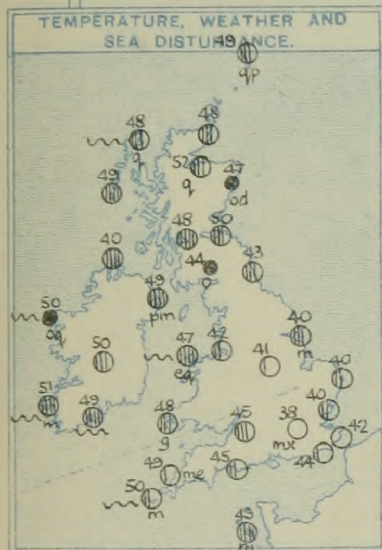
Southerly to South-Westerly winds, strong, a gale in places; squally, occasional rain; continuing mild.

Freshening Southerly winds and a rather rough sea; fair at first, some rain later, mist locally; continuing mild.

# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 4<sup>TH</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

There are no indications of any material change in the general conditions. Over England the weather will remain for the present under the influence of the Continental anti-cyclone. The secondary depression which is approaching Ireland will occasion gales or high winds from the Southward on our extreme western and northern coasts.



## DAILY WEATHER REPORT.

Wednesday, 4th Feb., 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
3rd 6 p.m.	51	11	Campania	H	?	?	SSW	6-7	0	3rd 7 a.m.	51	19	Tunisian	O	29.47	-.04	S	6-7	0
										"	50	17	Campania	H	29.66	-.01	SSW	8-9	0
										"	51	15	Royal Edward	H	29.61	-.01	S	6-7	0
										"	49	13	Samland	O	29.82	-.02	SSE	4-5	0

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland. { Oban ... ..	0.18	52	39	c.or	0	0.0	Margate ... ..	-	50	40	bc	bc	2.3
St. Andrews ... ..	-	-	-	-	-	-	Ramsgate ... ..	-	48	40	-	-	2.3
England. { Harrogate ... ..	-	54	47	0.c	c.bc	0.0	Folkestone ... ..	-	48	41	b.bc	b.bc	3.3
N.E. { Scarborough ... ..	-	56	44	0.c	0.c	0.7	Littlestone ... ..	-	-	-	-	-	5.9
Morecambe ... ..	0.11	54	49	d	0	0.0	Hastings ... ..	0.01	49	41	bc.b	b	6.5
Blackpool ... ..	0.07	54	49	0	0	0.0	Bexhill-on-Sea ... ..	-	48	40	b	b	6.6
Southport ... ..	-	55	51	0	0	0.0	Eastbourne ... ..	-	49	43	b.bc	bc.b	6.0
Mid-lands. { Buxton ... ..	-	52	42	bc	bc	0.4	Seaford ... ..	-	49	41	bc	bc	6.5
Leamington Spa ... ..	-	56	41	c.b	c.b.bc	2.0	Brighton ... ..	-	49	43	c.bc.b	b.bc.c	5.8
Malvern ... ..	-	58	47	b	b	5.3	Worthing ... ..	-	52	42	b	b	5.8
Wales. { Rhyl ... ..	0.01	58	51	0.c	c	0.3	Littlehampton ... ..	-	-	-	-	-	7.0
Colwyn Bay ... ..	-	58	50	c.e	c	1.5	Southsea ... ..	-	54	40	bc.b	b	6.0
Llandudno ... ..	-	58	53	0	0	0.2	Ryde ... ..	-	53	42	b	b	6.0
Bettws-y-Coed ... ..	-	56	49	0.c.0	0.c	0.0	Ventnor ... ..	-	52	41	-	-	6.6
Aberystwyth ... ..	-	56	49	b	b	3.5	Bournemouth ... ..	-	54	43	bc.b	b	5.6
Tenby ... ..	-	52	49	b	b	3.5	Hythe ... ..	-	44	?	bm.x	b	6.3
England. { Lowestoft ... ..	-	53	39	c.bc	bc.b	1.1	Weymouth ... ..	-	52	42	bc.c	bc	4.7
Felixstowe ... ..	-	48	39	c.bem	bem	1.4	Exmouth ... ..	-	51	44	b	b.bc	5.5
Walton-on-Naze ... ..	-	48	39	bc.bem	bc.bem	1.3	Teignmouth ... ..	-	56	43	b	b	5.0
Southend-on-Sea ... ..	-	52	38	bc	bc	3.5	Torquay ... ..	-	56	43	bc	b	5.3
							Paignton ... ..	-	57	40	m.bc.b	b	5.9
							Falmouth ... ..	-	56	48	bc	bc.0	5.0
							Bude ... ..	-	57	48	b.bc.b	b.bc.c	4.8
							Ilfracombe ... ..	-	58	48	bc.b	b	7.0
							Weston-super-Mare ... ..	-	54	42	b.bc	b	4.0

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.								Max.	Min.					
24 HOURS ENDING 9 A.M. TO-DAY.																			
	%	%	Hr.	F.	F.	F.	In.					In.	F.	F.	F.				Hr.
Greenwich (Royal Obsy.) ...	66	92	3.8	57	38	27	-	b	bc	bc	Dublin to 4 p.m.	0.07	58	48	47	0.9	c	b	c.b.
City (Banhill Row) ...	*	*	0.8	*	*	*	*	*	*	*	Plymouth to 9 p.m.	*	*	*	*	0.4	0.4	c.0.4	0.0
Westminster (St. James's Pk.)	59	86	2.3	57	42	34	-	bc	bc	bc.c	Darwen	0.01	52	45	43	0.4	0.4	c.0.4	0.0
Camden Sq. (Brit. Rainfall)	63	87	1.1	54	40	34	-	c.bc	bc	*	Manchester "	-	55	47	49	c	c.bc	c	0.0
Hampstead (Reservoir) ...	*	86	2.0	54	41	29	-	bc	bc	of	Birmingham "	-	56	40	36	*	c	c.b	0.8
Richmond Park ...	*	*	4.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.		S. Kensington									
S. Kensington (Roof of M.O.)	62	85	2.4	481		14.5		30.0		(Museum Grounds to 6 p.m.)									
				Joules		Milliwatts.		Milliwatts.											

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

4th & 5th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ... ..	G.M.T. 7.33	G.M.T. 12.7	C.M.T. 4.41
	7.31	12.7	4.43
Greenwich ... ..	7.36	12.14	4.52
	7.34	12.14	4.54
Wick ... ..	8.15	12.26	4.37
	8.12	12.26	4.40
Valencia ... ..	8.19	12.55	5.31
	8.7	12.55	5.33

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° and upwards in many parts of the United Kingdom, and reached 58° at a few places in Wales and the west of England. Between 6 and 7 hours of bright sunshine were registered at many of the south coast stations. Slight rain fell in most of the northern districts. Wireless reports show that as far west as the 20th meridian ships experienced gales or strong winds from the Southward, with dull weather.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, only, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; y, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
5th February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day	
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).				At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.	Lerwick ...	29.62	47	S	3	om	29.59	+0.1	49	0	S	4	cg	4	0.01	51	45	bcg.c	cem	bc.ogp	*	
	Stornoway ...	29.54	49	SW	6	opq	29.66	+1.10	44	-4	W	6	cg	6	0.17	50	41	c.oi	op	o.cgp	0.0	
	Castlebay (Barra Isd.)	29.53	49	SSE	5	op	29.73	+1.08	44	-5	WNW	3	op	4	0.09	50	44	oi.op	op	o	0.0	
	Glasgow ...	29.75	49	SSW	4	c	29.79	+0.1	49	+1	SSW	4	o	*	Trace	50	47	o	o.c.o	o	0.1	
	Eskdalemuir ...	29.86	46	SSW	6	c	29.87	+0.1	46	+2	SW	6	o	*	0.03	47	43	ad	oi.d	og	0.0	
	Malin Head ...	29.57	51	SSW	5	c	29.77	+0.2	44	+4	WNW	2	r	*	0.12	52	44	em	em	omd	*	
	Blacksod Point ...	29.48	51	SSW	7	omqr	29.70	+0.2	45	-5	WNW	2	cm	3	0.25	51	43	omqp	omqp	omnem	*	
	Valencia ...	29.64	51	S	6	omg	29.66	+0.1	51	0	S	1	omr	4	1.72	53	49	omr	omr	omr	0.0	
	Roche's Point ...	29.79	50	S	6	o	29.76	*	50	+1	SSW	6	o	6	-	52	49	o.c	c.em	o	*	
	Birr Castle ...	29.70	52	S	4	c	29.71	*	51	+1	S	4	o	*	0.03	54	49	c	cg	cp.o	0.0	
	Donaghadee ...	29.75	49	SSW	3	c	29.77	0.0	49	0	SSW	4	c	3	-	51	48	c	c	c	*	
	Liverpool Obsy. ...	29.98	49	ESE	2	o	29.97	-0.1	42	0	SE	3	b	3	-	51	41	o.c	abc	b	0.0	
	Holyhead ...	29.91	50	S	5	omqg	29.90	-0.2	48	+1	S	6	omq	5	Trace	51	47	o.opdq	o.op.c	o.cbc.o	0.0	
	Pembroke (St. Ann's Hd.)	29.93	49	S	5	bm	29.91	0.0	47	-1	SSE	5	em	4	Trace	50	47	cg.bc	bc	b.c.e	4.2	
	Newquay ...	29.98	49	SSW	4	b	29.96	0.0	46	-3	S	3	b	3	-	57	46	b	b	b.e	7.5	
	Scilly (St. Mary's) ...	29.94	50	S	5	bm	29.91	-0.1	50	0	SSE	6	bcg	6	-	54	49	bm	bm	bm.bc	8.4	
	Jersey (St. Aubin) ...	30.15	48	SE	3	b	30.13	*	42	-1	SE	4	b	4	Trace	47	42	bc	b	bw	7.4	
	Portland Bill ...	30.11	46	S	4	b	30.10	+0.1	46	+1	S	2	bc	4	-	49	43	bc.b	bm	b.bc	*	
	Dungeness ...	30.19	44	-	0	bm	30.18	-0.1	43	-1	SSE	3	b	3	-	47	42	bc.b	bm	b.bw	*	
	Dover ...	30.19	46	SW	3	b	30.19	*	40	-2	SW	2	b.c	2	Trace	47	39	b.c.b	b	b.c	7.5	
ICELAND, FAEROE, &c.	Wick ...	29.65	47	SSE	3	bc	29.67	+0.4	47	-1	S	3	cm	3	0.02	49	45	compd	cd.bem	om.em	*	
	Nairn ...	29.63	51	W	1	og	29.69	*	49	-3	SW	1	od	1	0.02	54	48	bcg	cg	cg	0.7	
	Aberdeen ...	29.76	49	S	3	o	29.80	+0.3	48	+1	SSW	4	c	2	-	52	47	c	cg.o	og.c	0.5	
	Leith ...	29.79	51	SW	1	bc	29.77	0.0	51	+1	SSW	4	c	*	-	53	48	c.o	o.c	c	*	
	North Shields ...	29.91	51	SW	4	c	29.94	+0.1	43	0	SSW	3	b	2	-	53	42	bc.	bc.c.	b	0.4	
	Spurn Head ...	30.06	45	S	3	b	30.06	0.0	42	+2	SSW	4	om	4	-	51	42	c	bc	bc	5.9	
	Yarmouth ...	30.14	41	S	2	bm	30.16	+0.1	39	-1	S	2	b	1	-	50	39	bm	bm	bc.b	6.5	
	Clacton-on-Sea ...	30.16	43	S	2	b	30.16	0.0	40	0	S	2	b	2	-	47	39	bc.b	b	b	7.8	
	Nottingham ...	30.06	48	SW	3	b	30.07	*	44	+3	SW	3	o	*	-	51	40	bm	bm	b	2.7	
	Bath ...	30.09	48	S	1	b	30.08	*	46	+1	SW	3	o	*	-	57	44	cobeb	bc.b.	b.o.c	3.9	
SCANDINAVIA.	London (Kew Obsy.) ...	30.15	46	S	2	b	30.13	0.0	39	+1	S	2	b.mg	*	0.01	51	37	bmomch	b.b.b.	bm.c	5.0	
	Spitzbergen ...	29.45	-12	-	0	bc	29.71	+0.5	-31	-4	SE	1	b	*	-	-11	-33					
	Isafjord ...	29.03	32	NNE	2	S	29.43	+0.5	20	-12	-	0	b	*	-	*	*					
	Reykjavik ...	29.17	31	SW	2	bc	29.38	-0.5	26	-4	ENE	5	b	*	-	*	*					
	Vestmanna ...	29.19	32	SW	1	bc	29.37	0.0	33	-4	ENE	6	b	4	*	*	*					
	Seydisfjord ...	29.05	36	WNW	6	c	29.44	+0.3	28	-14	S	1	c	*	-	*	*					
GERMANY, &c.	Thorshavn ...	29.44	42	W	4	c	29.28	-0.6	38	-7	-	0	o	*	-	*	*					
	Haparanda ...	29.65	16	NW	2	o	29.45	+0.4	12	+9	N	2	b	*	0.16	18	-6					
	Hernösand ...	29.66	32	-	0	b	29.63	0.0	36	+3	-	0	bc	*	-	39	30					
	Stockholm ...	29.87	42	SW	4	b	29.85	-0.1	40	+9	WSW	4	o	*	-	43	30					
	Wisby ...	30.09	43	SW	2	bc	30.04	-0.1	39	+6	SW	4	b	*	-	45	32					
	Karlstad ...	29.93	40	SW	4	c	29.91	0.0	41	+8	WSW	2	o	*	-	41	32					
	Vardö ...	29.30	20	NW	6	S	29.28	-0.2	20	+1	NW	6	S	4	?	20	12					
	Bodö ...	29.28	26	E	5	S	29.43	+0.7	31	+3	N	2	o	2	?	31	23					
	Christiansund ...	29.63	49	W	4	o	29.62	0.0	45	+5	-	0	o	5	0.32	49	40					
	Skudesnaes ...	29.91	45	S	6	o	29.89	-0.1	45	-1	S	8	o	5	-	46	43					
FRANCE.	Færder (X'ania Fjord)	29.91	40	SW	6	bc	29.91	-0.1	39	0	SSW	6	f	3	-	41	37					
	The Scaw (Skagen) ...	30.06	42	WSW	6	b	30.04	-0.1	41	-1	W	4	f	1	-	48	39					
	Blaavands Huk ...	30.19	41	SW	2	m	30.16	-0.5	38	-2	SSW	1	m	1	-	41	37					
	Cuxhaven ...	30.26	37	S	2	b	30.24	0.0	34	-2	SW	2	m	0	-	48	34					
	Berlin ...	30.34	39	S	1	b	30.33	0.0	29	-5	S	1	bc	*	-	43	28					
	Frankfurt ...	30.40	36	-	0	m.	30.41	0.0	21	-7	-	0	o	*	-	41	21					
	Munich ...	30.47	30	NE	2	b	30.51	+0.1	17	-2	SW	2	b	*	-	37	16					
	The Helder ...	30.21	40	S	2	b	30.23	+0.1	36	+2	S	2	b	1	-	50	34					
	Brussels ...	30.29	39	SSE	3	b	30.28	0.0	34	-2	SE	2	b	*	-	54	33					
	C. Gris Nez ...	30.19	46	S	3	b	30.18	-0.1	40	-1	SSE	4	b	2	-	50	39					
SPAIN, PORTUGAL, &c.	La Hève ...	30.19	49	S	3	b	30.18	*	42	-1	SSW	3	b	2	-	54	37					
	Ushant ...	30.07	50	SSE	5	c	29.96	*	49	+1	SE	4	c	5	-	50	43					
	Brest (St. Mathieu) ...	30.09	48	SE	3	m	30.03	0.0	46	-1	S	3	c	5	-	54	45					
	Lorient (Bec Melen) ...	*	47	SE	4	b	*	*	44	-1	SE	3	m	4	0.04	54	41					
	Rochefort (Ile d' Aix)	30.22	46	SSE	3	b	30.17	-0.1	41	+1	SE	4	b	*	-	52	39					
	Biarritz ...	30.18	56	SE	2	b	30.15	-0.1	51	0	SSE	3	b	2	-	61	46					
	Paris ...	30.29	39	SSE	2	b	30.27	-0.1	30	+2	SE	2	b	*	-	50	28					
	Belfort ...	30.36	39	-	0	m	30.44	*	25	0	E	2	b	*	-	49	24					
	Lyons ...	30.37	43	-	0	b	30.39	*	35	0	-	0	b	*	-	51	35					
	Nice ...	30.39	44	-	0	b	30.40	+0.1	42	+1	-	0	o	*	-	54	39					
PORTUGAL, &c.	Perpignan ...	30.31	48	S	1	b	30.29	0.0	45	+9	S	1	o	*	-	59	36					
	Sanguinaire ...	30.43	49	W	1	b	30.38	*	46	+1	E	2	m	2	-	54	41					
	Corunna (8 a.m.) ...	30.25	63	SSE	3	b	30.00	0.0	53	+2	SSE	5	c	3	-	64	50					
	Lisbon (9 a.m.) ...	30.08	55	S	1	c	29.98	+0.2	53	+6	SSE	4	c	6	-	61	47					
PORTUGAL, &c.	Gibraltar ...	30.17	56	E	4	o	30.11	*	56	+2	E	4	c	3	-	58	53					
	Azores (Horta, 8 a.m.)	30.05	*	NW	4	b	30.24	-0.1	50	-2	WNW	4	b	3	0.47	55	46					
PORTUGAL, &c.	Madeira (Funchal) ...																					

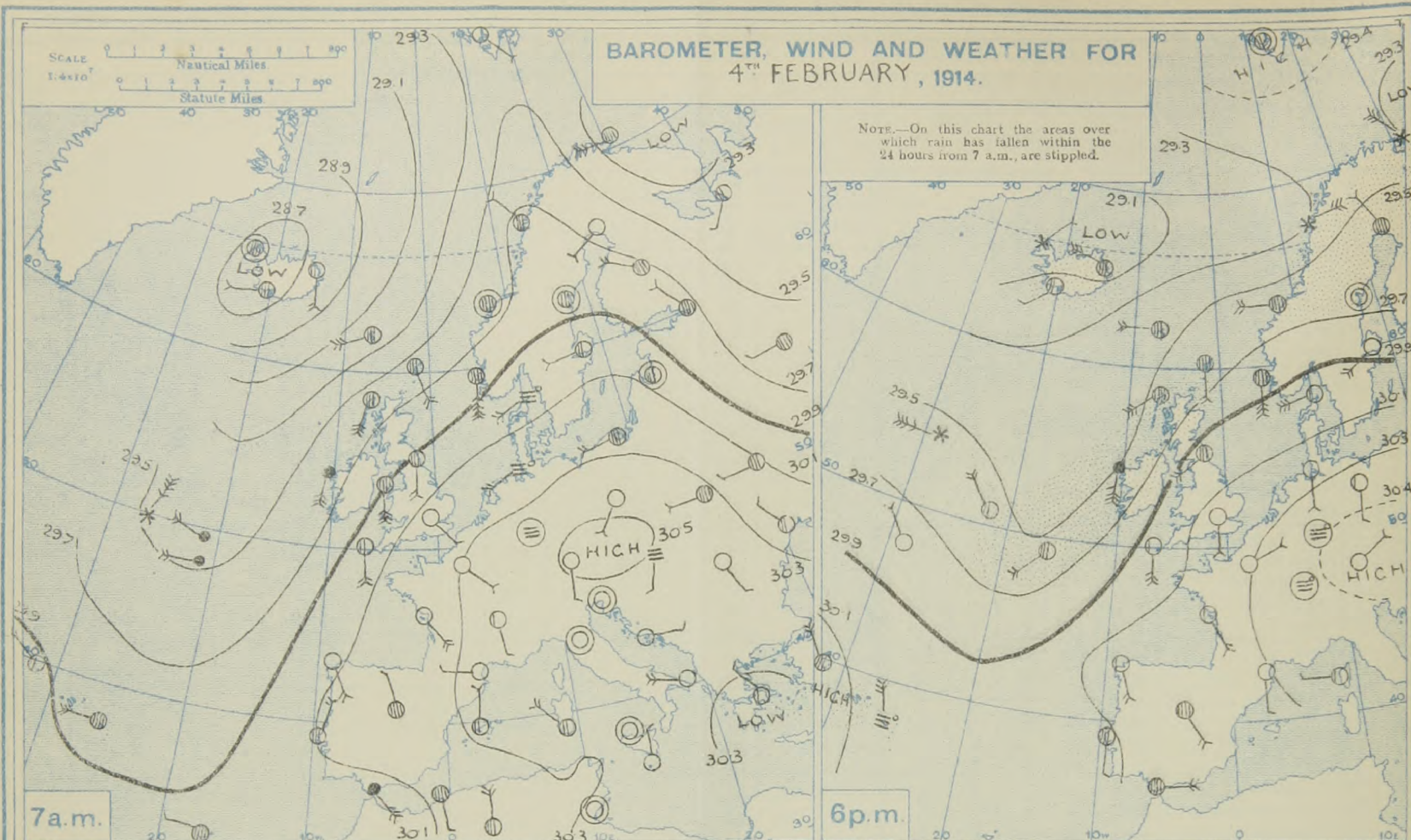
\* Information for these columns not usually received.

† Received too late for insertion in Charts.

## GALES.

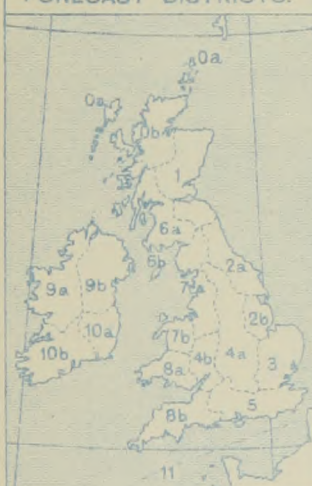
Duration and Extreme Force  
in British Islands

Stornoway.



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**No warnings issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 } South-Westerly to Westerly winds, moderate or fresh; cloudy, some rain; becoming colder.

2 } Light to moderate Southerly winds; fine to-day, becoming less settled in the course of to-morrow, probably some rain; continuing mild.

6 } Westerly winds, moderate or fresh; cloudy, showery; becoming cooler.

7 } Fresh Southerly winds; fair at first, cloudy later, with rain in places; continuing mild.

9 } Wind shifting to the Westward or North-Westward, moderate or fresh; cloudy, occasional rain; becoming cooler.

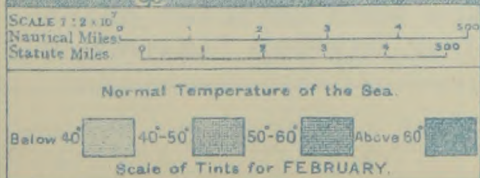
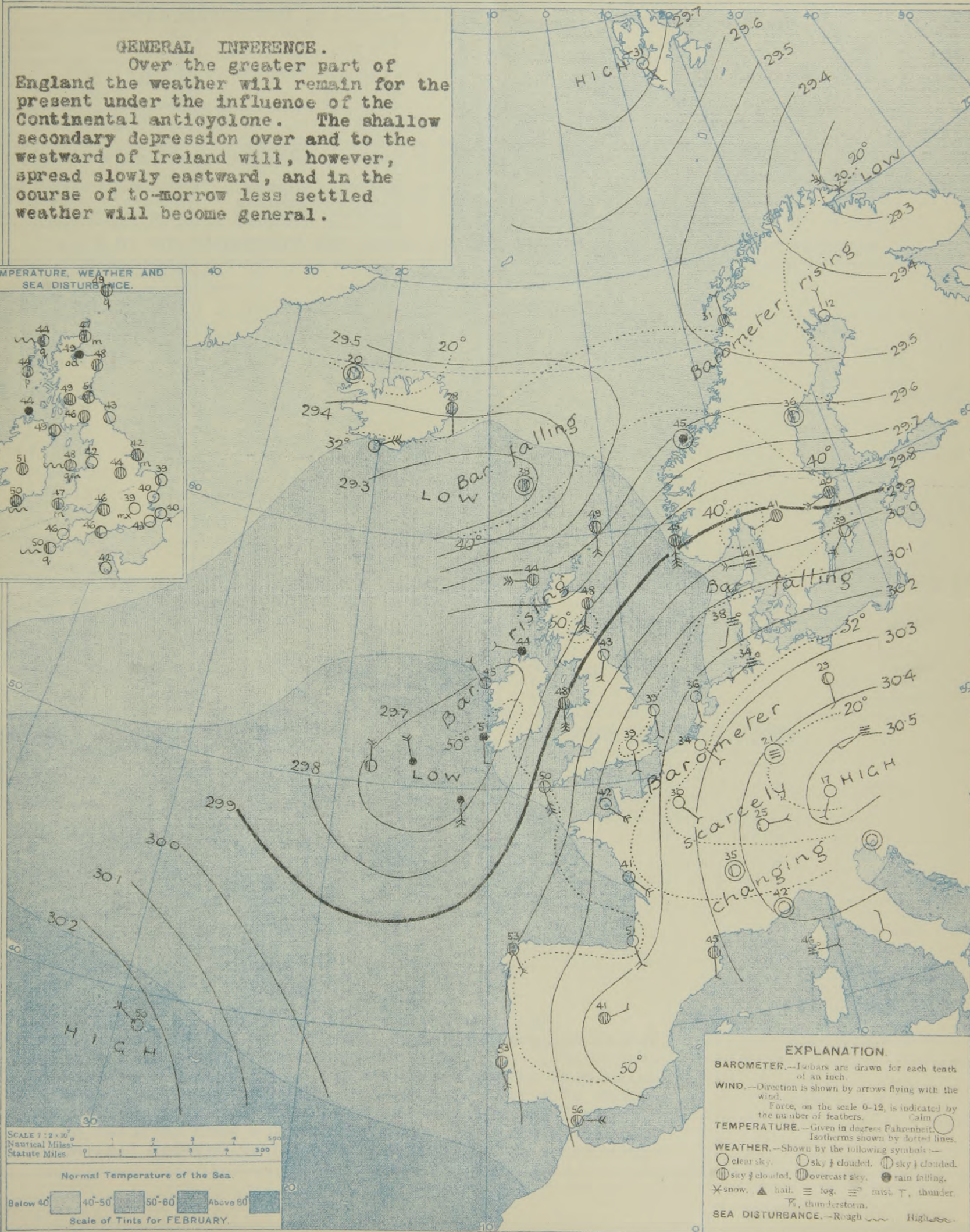
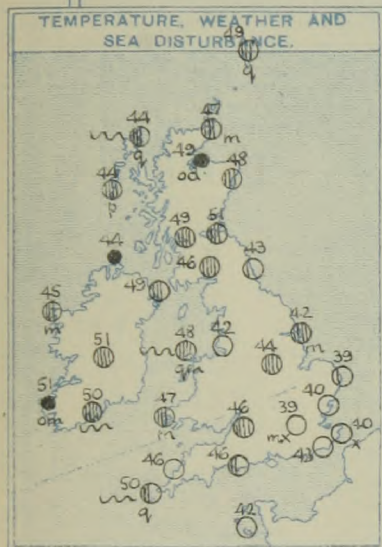
11 } Fresh Southerly winds and a rather rough sea; fair to-day, some rain to-morrow; continuing mild.

General conditions becoming unsettled.

# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 5<sup>TH</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

Over the greater part of England the weather will remain for the present under the influence of the Continental anticyclone. The shallow secondary depression over and to the westward of Ireland will, however, spread slowly eastward, and in the course of to-morrow less settled weather will become general.



**EXPLANATION.**

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

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm (circle with a dot).

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

- clear sky.
- sky & clouded.
- sky & rain falling.
- sky & overcast.
- rain falling.
- \* snow.
- △ hail.
- ≡ fog.
- ≡ mist.
- ≡ thunder.
- ≡ thunderstorm.

**SEA DISTURBANCE.**—Rough (wavy line) High (dashed line).

## DAILY WEATHER REPORT.

Thursday, 5th February 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
5th 7 a.m.	50	17	Andania	H	29.69	0.00	N	4-5	bc	4th 6 p.m.	50	21	Andania	H	29.59	0.00	NW	4-5	bc
"	51	14	Albania	O	29.67	+0.05	NNW	4-5	r	"	49	16	Vaderland	H	29.54	+0.01	SW	4-5	c
"	49	11	Vaderland	H	29.65	-0.01	S	4-5	r	"	49	25	Andania	H	29.49	+0.01	NNE	8-9	s
4th 6 p.m.	53	28	Mongolian	H	29.52	+0.03	W	8-9	s	"	49	20	Vaderland	H	29.42	+0.05	WNW	4-5	r
"	48	28	Alsatian	H	29.76	+0.01	NW	4-5	b	"	48	20	Samland	O	29.46	-0.03	W	4-5	r

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	In.	F.	F.			Hr.	{ Margate ... ..	In.	F.	F.			Hr.
	0.07	52	48	cpq	r	0.2		{ Ramsgate ... ..	52	39	b	b	6.7
Eng. N.E.	-	51	46	*	*	1.2	{ Folkestone ... ..	49	40	*	*	7.0	
							{ Littlestone ... ..	49	41	b.be	b	7.6	
{ Harrogate ... ..	-	50	39	bc	c.0	2.6	{ Hastings ... ..	*	*	*	*	7.8	
		51	40	bc	bc	2.9	{ Bexhill-on-Sea ... ..	49	41	b	b	8.3	
{ Scarborough ... ..	*						{ Eastbourne ... ..	47	41	b	b	8.0	
							{ Seaford ... ..	48	42	b	b	8.0	
{ Morecambe ... ..	-	53	41	o	o	0.0	{ Brighton ... ..	46	41	b	b	7.7	
		50	41	o.c	o	0.5	{ Worthing ... ..	48	43	c.be.b	b.be	5.7	
{ Blackpool ... ..	-	51	41	o.c.0	o.c.0	0.1	{ Littlehampton ... ..	51	42	b	b	5.0	
							{ Southsea ... ..	*	*	*	*	5.8	
{ Southport ... ..	-						{ Ryde ... ..	52	43	c.b	b	5.2	
							{ Ventnor ... ..	53	41	bc	bc	5.1	
Mid- lands.							{ Bournemouth ... ..	52	43	*	*	6.3	
							{ Hythe ... ..	51	42	c.b	bm	5.2	
{ Buxton ... ..	0.01	46	40	c	c.be	1.9	{ Weymouth... ..	0.01	50	?	b	b	7.7
		51	39	o.c.	bc.b	1.9	{ Exmouth ... ..		52	44	bcz	bcf	6.4
{ Leamington Spa ... ..	-	51	43	bc	bc.b	3.3	{ Teignmouth ... ..		54	43	b	b	6.4
							{ Torquay ... ..		55	44	bc	b	6.8
{ Rhyl ... ..	-	54	46	c	c.0	0.5	{ Paignton ... ..		55	40	b	b	7.5
		54	46	o.c	c.0	0.3	{ Falmouth ... ..		54	47	bu	bu	7.9
{ Colwyn Bay ... ..	-	55	51	o	c	0.8	{ Bude ... ..		57	46	w.c.be.b	b	7.5
							{ Ilfracombe ... ..		57	45	b	b	7.2
{ Llandudno ... ..	-	53	48	o.c	c.0	0.0	{ Weston-super-Mare ... ..		55	41	be.o.b	b	4.5
		52	49	o.b	bc	4.7							
{ Bettws y-Coed ... ..	-												
{ Aberystwyth ... ..	-												
{ Tenby ... ..	-												
England, E.													
{ Lowestoft ... ..	-	45	39	b	b	7.0							
	0.01	45	38	gm	bm	7.9							
{ Felixstowe ... ..	-	45	39	gm	b	7.6							
		51	39	b	b	7.6							
{ Walton-on-Naze ... ..	-												
{ Southend-on-Sea ... ..	-												

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.			In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Greenwich (Royal Obs.)	74	88	5.6	53	37	28	-	c	b	bc	55	50	49	cq	c
City (Bunhill Row)	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	-
Westminster (St. James's Pk.)	73	85	4.3	53	42	33	-	bc.b	bcx	bc	49	40	38	o.c	o.c
Camden Sq. (Brit. Rainfall)	75	87	3.6	52	38	30	-	om.b	bc.b	bc	51	42	35	c.bez	bcz
Hampstead (Reservoir)	-	89	?	51	40	28	-	b.be	bcx	bc.c	49	40	35	c	o
Richmond Park	-	-	5.0	-	-	-	-	-	-	-	52	40	31	bm.c.o	bc.b
Kew. (See front page)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
S. Kensington (Roof of M.O.)	74	86	4.1	Total.	Average Rate.	Max. Rate.	4.41	Joules	13.2	Milliwatts.	29.0	Milliwatts.	52	41	27
S. Kensington (Museum Grounds to 6 p.m.)															

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW

5th & 6th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.31 7.29	G.M.T. 12.7 12.7	G.M.T. 4.43 4.45
Greenwich	7.34 7.33	12.14 12.14	4.54 4.55
Wick	8.12 8.10	12.26 12.26	4.40 4.42
Valencia	8.17 8.15	12.55 12.55	5.33 5.35

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° over the United Kingdom generally, and touched 57° at some places in the south-west. Ground frost occurred at night in the east and south-east of England. In the south and east of England the amount of bright sunshine was again very large. Nearly 1½ in. of rain fell at Valencia, and small quantities in the west and north generally. As far west as the 28th meridian ships experienced fresh to strong winds from between S.W. and N.W.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

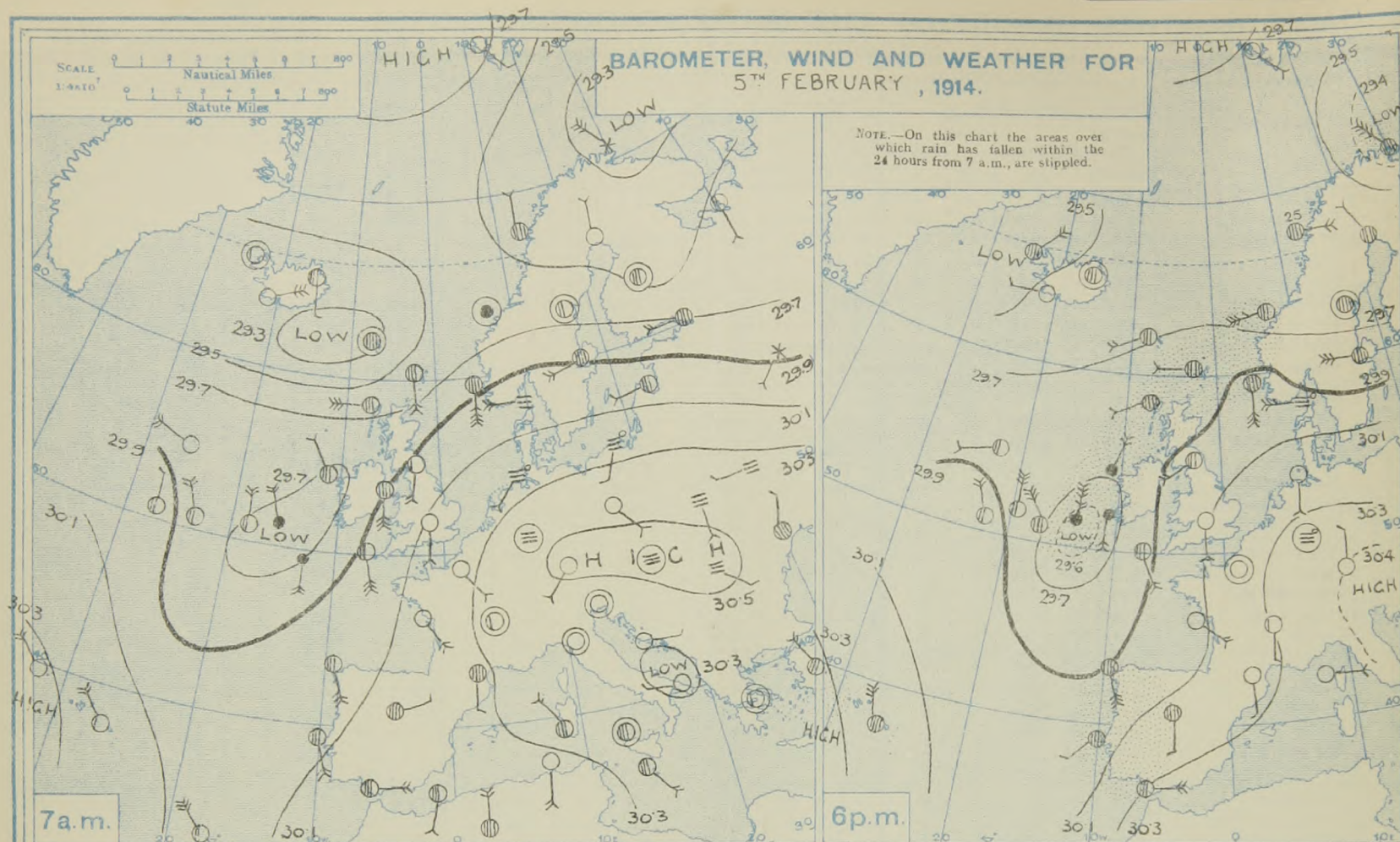
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
6th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM. TEMP.		WIND.		Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.		Force (0 to 12).	Weather.	Sea (0 to 3).	Rain fall.	TEMP.		WEATHER.				
	At 82° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).			At 82° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).					Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick ...	29.81	45	W	2	om	29.79	-0.03	41	-8	-	0	adm	0	0.07	49	39	c	c	om. adm	*		
	Stornoway ...	29.86	44	WSW	2	oy	29.65	-1.1	40	-4	NE	4	org	4	0.41	45	37	c. oz	od	org	0.0		
	Castlebay (Barra Isd.)	29.84	44	-	0	o	29.54	-0.8	47	+3	SE	5	r	6	0.46	47	38	b. o	o	or	0.0		
	Glasgow ...	29.82	47	S	4	bc	29.73	-0.4	46	-3	SE	2	o	*	0.09	51	45	dp. e	dp. c	op. o	0.0		
	Eskdalemuir ...	29.90	47	SSW	4	o	29.81	-0.5	40	-6	NW	1	o	*	0.10	47	40	dp. o	o	om. o	0.0		
	Malin Head ...	29.79	42	NE	4	r	29.50	-0.8	46	+2	ENE	4	c	4	0.75	47	41	omr	omr	cg	*		
	Blacksod Point ...	29.73	44	NNE	4	omr	29.39	-0.5	50	+5	SSW	5	cp	4	1.32	51	41	omr	omr	omr	*		
	Valencia ...	29.63	51	S	4	omr	29.46	-0.1	49	-2	S	5	bcm	5	0.75	52	48	omr	omr	mr. bc	0.0		
	Roche's Point ...	29.76	50	S	5	cp	29.58	*	48	-2	S	4	bc	5	0.14	51	47	om	p. om. c	o. bc	*		
	Birr Castle ...	29.73	52	SE	3	c	29.52	*	49	-2	S	4	c	3	0.11	53	48	od. c	c	cp	0.0		
	Donaghadee ...	29.82	48	SSW	4	cm	29.69	-0.5	47	-2	SE	3	o	3	*	50	47	bcm	cm	om. c. o	*		
	Liverpool Obsy. ...	29.95	46	SE	3	bc	29.80	-0.5	40	-2	ESE	4	om	3	*	51	39	bm	bcm	cm	0.0		
	Holyhead ...	29.91	50	S	4	cmq	29.73	-0.5	49	+1	SSE	4	eg	4	*	52	47	dp. bc	cb. cc. c	cb. cc. o	1.9		
	Pembroke (St. Ann's Hd.)	29.88	48	SSE	3	c	29.70	-0.4	47	0	SE	3	cm	4	Trace	49	45	cm. c	c	c	3.1		
	Newquay ...	29.90	47	SE	6	bc	29.72	-0.3	49	+3	S	5	ome	3	*	56	46	b. bc. c	b. bc. c	bc. om	3.6		
	Scilly (St. Mary's) ...	29.83	50	SSE	4	c	29.67	-0.3	51	+1	S	4	cm	5	*	53	48	bcm	cm	om. cm	1.2		
	Jersey (St. Aubin) ...	30.06	48	SSE	3	b	29.93	*	43	+1	SE	4	b	4	Trace	51	42	b	b	bw	8.3		
	Portland Bill ...	30.05	45	SSW	2	b	29.86	-0.4	46	0	S	5	bc	4	*	50	44	bc	b. bc	b. bc	*		
	Dungeness ...	30.14	45	SSE	3	b	30.04	-0.3	42	-1	SSE	3	b	3	*	47	41	b	b	bw	*		
	Dover ...	30.11	45	S	2	b	30.04	*	40	0	SSW	2	bc	3	*	46	38	b	bc	bc	8.0		
ICELAND, FAEROE, &c.	Wick ...	29.84	43	W	2	o	29.69	-0.7	43	-4	SSE	1	om	2	0.14	47	40	c. compd	om. pd	om. pd	*		
	Nairn ...	29.88	41	NNW	1	dm	29.68	*	38	-11	-	0	m	1	0.41	49	37	dm. r	fm	r. z	0.0		
	Aberdeen ...	29.84	49	SSW	3	o	29.77	-0.2	45	-3	SSW	3	o	2	0.11	51	43	c. o	o	or. o. o	0.1		
	Leith ...	29.84	50	SW	3	c	29.72	-0.3	49	-2	ENE	2	c	*	*	53	48	c	c	c. o	*		
	North Shields ...	29.95	49	SW	3	cz	29.84	-0.3	38	-5	S	3	o. z	2	*	53	37	c	c	o	2.0		
	Spurn Head ...	30.04	45	SSW	3	b	29.93	-0.1	38	-4	S	3	bm	3	*	48	37	bc	bc. b	bm	5.8		
	Yarmouth ...	30.12	41	S	1	bm	30.02	-0.3	38	-1	S	2	bme	2	Trace	47	39	bm	bm	bme	8.0		
	Clacton-on-Sea ...	30.12	42	SSE	3	b	30.02	-0.3	40	0	SE	2	b. bc	2	*	44	39	b	b	bm. x	8.2		
	Nottingham ...	30.04	44	SE	1	b	29.92	*	35	-9	SSE	1	b	*	*	53	34	o. bc	bc. b	b	3.2		
	Bath ...	30.04	47	S	3	bc	29.90	*	41	-5	SE	3	c	*	*	56	38	o. c. b	b. bc. c	bc. b. bc	6.8		
	London (Kew Obsy.) ...	30.10	44	S	2	b	29.98	-0.3	38	-1	S	2	bm. x	*	Trace	53	36	bm. x. bm. b	b. bz. b	b. bm. x	8.0		
	Spitzbergen ...	29.69	-29	SE	2	b	29.67	+0.1	-21	+10	SE	1	b	*	*	-21	-35	*	*	*	*		
	Isafjord ...	29.46	30	NE	4	o	29.67	+0.4	21	+1	*	0	b	*	*	*	*	*	*	*	*		
	Reykjavik ...	29.50	28	SSW	3	bc	29.71	+0.4	24	-2	E	4	b	*	*	*	*	*	*	*	*		
	Vestmanna ...	29.51	32	W	1	b	29.67	0.0	29	-4	-	0	b	2	*	*	*	*	*	*	*		
	Seydisfjord ...	29.53	27	-	0	c	29.71	+0.5	27	-1	NW	3	b	*	*	*	*	*	*	*	*		
	Thorshavn ...	29.69	39	WSW	3	c	29.80	-0.1	32	-6	-	0	bc	*	*	*	*	*	*	*	*		
SCANDINAVIA.	Haparanda ...	29.56	13	NW	2	o	29.75	+0.4	-9	-21	-	0	c	*	*	21	-9	*	*	*	*		
	Hernösand ...	29.59	42	-	0	o	29.70	+0.5	41	+5	-	0	b	*	*	45	34	*	*	*	*		
	Stockholm ...	29.82	41	W	6	o	29.83	+0.2	39	-1	W	6	o	*	*	43	37	*	*	*	*		
	Wisby ...	29.97	41	SW	4	b	29.95	+0.1	38	-1	WSW	4	b	*	*	43	36	*	*	*	*		
	Karlstad ...	29.88	40	WSW	4	b	29.90	0.0	40	-1	WSW	2	o	*	*	43	36	*	*	*	*		
	Vardö ...	29.32	19	NW	3	o	29.34	-0.2	21	+1	NW	8	o	5	*	21	12	*	*	*	*		
	Bodö ...	29.57	25	E	4	o	29.72	+0.6	19	-12	E	4	b	2	*	31	16	*	*	*	*		
	Christiansund ...	29.62	41	WSW	7	c	29.87	+0.6	40	-5	-	0	c	5	0.08	47	39	*	*	*	*		
	Skudesnaes ...	29.93	45	S	6	o	29.90	-0.1	44	-1	S	6	o	4	0.04	46	43	*	*	*	*		
	Færder (X'ania Fjord) ...	29.90	39	SW	4	m	29.90	0.0	39	0	WSW	3	m	3	*	41	37	*	*	*	*		
GERMANY, &c.	The Scaw (Skagen) ...	30.02	42	W	5	m	29.99	-0.1	40	-1	W	4	m	1	*	46	39	*	*	*	*		
	Blaavands Huk ...	30.16	39	SW	1	m	30.09	-0.1	37	-1	S	1	m	1	*	41	36	*	*	*	*		
	Cuxhaven ...	30.22	36	S	2	b	30.15	-0.2	29	-5	SSW	2	fx	0	*	45	28	*	*	*	*		
	Berlin ...	30.34	32	-	0	m	30.29	-0.1	24	+3	-	0	f	*	*	37	19	*	*	*	*		
	Frankfurt ...	30.40	28	N	1	b	30.36	-0.2	19	+2	S	1	b	*	*	39	17	*	*	*	*		
	Munich ...	30.20	37	S	2	b	30.10	-0.3	31	-5	SSE	2	bc	1	*	46	30	*	*	*	*		
FRANCE.	Brussels ...	30.22	40	SSE	2	b	30.12	-0.2	34	0	SE	1	bc	*	*	51	33	*	*	*	*		
	C. Gris Nez ...	30.15	45	ESE	4	b	30.03	-0.3	41	+1	SSE	4	b	3	*	50	40	*	*	*	*		
	La Hève ...	30.10	50	ESE	3	b	29.97	*	42	0	SSE	4	b	2	*	54	37	*	*	*	*		
	Ushant ...	29.91	50	SE	6	c	29.80	*	50	+1	SSE	4	o	5	*	52	45	*	*	*	*		
	Brest (St. Mathieu) ...	29.96	51	SSE	3	bc	29.84	-0.1	48	+2	SE	3	o	4	*	54	45	*	*	*	*		
	Lorient (Rec Melen) ...	*	47	SSE	4	b	*	*	46	+2	SE	4	o	5	*	54	43	*	*	*	*		
	Rochefort (de d'Alx) ...	30.09	48	SE	3	b	29.99	-0.2	44	+3	SSE	3	o	*	*	52	39	*	*	*	*		
	Biarritz ...	30.08	56	SSE	4	b	29.99	-0.1	57	+6	SSW	3	c	3	*	61	51	*	*	*	*		
	Paris ...	30.20	40	E	1	b	30.13	-0.2	31	+1	SSE	2	b	*	*	49	29	*	*	*	*		
	Belfort ...	30.24	37	E	2	m	30.30	*	26	+1	-	0	m	*	*	48	24	*	*	*	*		
SPAIN, PORTUGAL, &c.	Lyons ...	30.30	44	S	1	b	30.25	*	38	+3	-	0	b	*	*	52	33	*	*	*	*		
	Nice ...	30.35	45	-	0	b	30.30	-0.2	44	+2	NE	1	b	1	*	55	39	*	*	*	*		
	Perpignan ...	30.23	48	S	1	b	30.14	-0.1	49	+4	S	3	b	*	*	61	45	*	*	*	*		
	Sanguinaire ...	30.39	?	E	2	o	30.33	*	46	0	E	2	b	2	*	54	48	*	*	*	*		
	Corunna (8 a.m.) ...	29.89	59	SSE	6	o	29.97	0.0	50	-3	S	2	o	3	Trace	61	45	*	*	*	*		
PORTUGAL, &c.	Lisbon (9 a.m.) ...	29.93	51	SW	1	o	30.02	+0.6	49	-4	NW	1	o	6	0.51	57	48	*	*	*	*		
	Gibraltar ...	30.30	57	E	4	c	30.31	*	57	+1	E	4	r	2	0.53	65	55	*	*	*	*		
	Azores (Horta, 8 a.m.)	30.28	*	WSW	4	bc	30.20	-0.2	57	+7	WSW	4	c	2	0.04	59	50	*	*	*	*		
	Madeira (Funchal) ...	30.13	51	N	4	c	30.17	+0.1	50	-3	N	4	r	3	0.12	64	48	*	*	*	*		

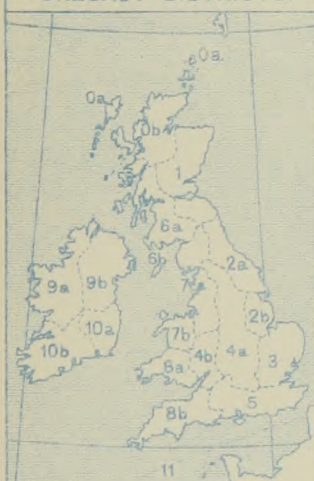
\* Information for these columns not usually received.

† Received too late for insertion in Charts.



**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South  
Cone.

North  
Cone.

Signals hoisted this morning.

South  
Cone.

North  
Cone.

**No  
Warnings Issued.**

Western Channel and Bay. 11

Light to moderate breezes from between South and East; cloudy, misty, rain in places; moderate temperature.

Southerly winds, light or moderate; fair; mild.

South-Easterly winds, moderate or fresh; cloudy, misty, rain in places; continuing mild.

Southerly winds, fresh; cloudy, misty, slight rain locally; continuing mild.

Southerly winds, strong in places; cloudy, misty, some rain continuing mild.

Fresh Southerly winds and a rather rough sea; cloudy, misty, rain locally; continuing mild.

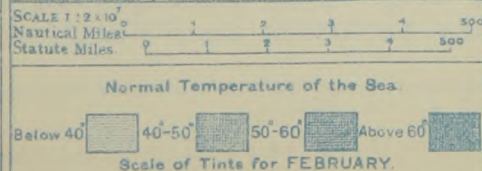
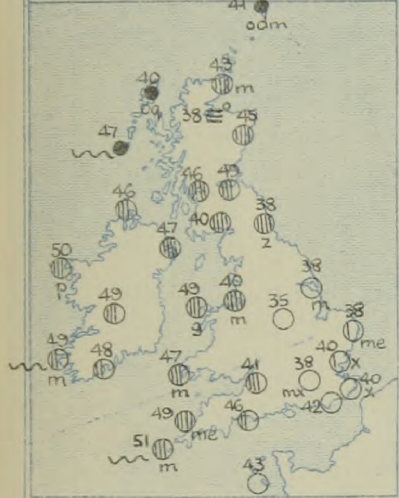
**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 6<sup>TH</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The depression off the west of Ireland will probably extend sufficiently far to the eastward to occasion rain in most parts of our western and northern districts. Over the major part of England the conditions will remain for the present under the influence of the Continental anticyclone.

## TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for each tenth of an inch.  
**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm ☉  
**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines  
**WEATHER.**—Shown by the following symbols:—  
☉ clear sky ☉ sky & clouded ☉ sky & clouded  
☉ sky & clouded ☉ overcast sky ☉ rain falling.  
\* snow. ▲ hail. ☉ fog. ☉ mist. T, thunder  
☉, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~

## DAILY WEATHER REPORT.

Friday, 6th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward O	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward O	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
6th 7 a.m.	51	14	Cedric	H	29.56	-0.15	NW	1-3	bc	5th 6 p.m.	50	10	Victorian	O	29.59	-0.04	SW	6-7	o
5th 6 p.m.	54	20	Mongolian	H	29.86	-0.01	WSW	1-3	bc	"	48 12 54	"	H.M.S.	"	29.87	?	SE	5	c
"	50	20	Cedric	H	29.92	+0.06	NW	4-5	bc	"	Dry Bulb 52°	Ver Bulb 50°	Sea Temperature 52°	Sea Disturbance 3.	29.84	?	SSE	4	o
"	51	18	Alania	O	29.84	+0.02	NW	6-7	bc	"	Neon 47° 00'	6° 35'	H.M.S.	"	29.84	?	SSE	4	o
"	50	16	Alastian	H	29.79	-0.04	NW	6-7	c	"	Dry Bulb 55°	Ver Bulb 52°	Sea Temperature 53°	Sea Disturbance 2	29.84	?	SSE	4	o
"	51	12	Turcoman	O	29.54	+0.02	NNE	8-9	r	"	8 a.m. 46.15	7.10	H.M.S.	"	29.84	?	SSE	4	o
"	50	12	Andania	H	29.56	-0.08	NE	8-9	r	"	Dry Bulb 55°	Ver Bulb 52°	Sea Temperature 54°	Sea Disturbance 2.	29.84	?	SSE	4	o

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	Oban ... ..	In. 0.47	F.° 44	F.° 41	or	or	Hr. 0.0	Margate ... ..	In. 1	F.° 49	F.° 37	b	b	Hr. 7.7	
	St. Andrews ... ..				*	*			Ramsgate ... ..	1	46	?	*	*	7.6
Eng. N.E.	Harrogate ... ..	1	50	37	b.c.m.b	b.b.c	1.2	Folkestone ... ..	0.01	50	40	n.b	b	7.8	
	Scarborough ... ..	*	51	40	bc	c.b	5.6	Littletown ... ..	*	*	*	*	*	7.1	
Eng. N.W.	Morecambe ... ..	1	51	42	bc	bc	4.5	Hastings ... ..	1	47	39	b	b	8.3	
	Blackpool ... ..	1	52	42	c.b.c	c	4.8	Bexhill-on-Sea ... ..	1	48	40	b	b	8.0	
Mid- lands.	Southport ... ..	1	53	41	b.b.c.c	c.b.c	5.5	Eastbourne ... ..	1	47	42	b	b	8.2	
	Buxton ... ..	1	47	39	c	c	1.9	Seaford ... ..	1	49	43	b	b	8.0	
Wales.	Leamington Spa ... ..	1	55	43	o.c.b.c	bc.b	4.5	Worthing ... ..	1	51	41	b	b	8.6	
	Malvern ... ..	1	51	43	bc.b	b	4.2	Littlehampton ... ..	1	*	*	*	*	8.2	
England, E.	Rhyl ... ..	1	56	49	bc	bc	5.8	Southsea ... ..	1	50	40	b	b	8.0	
	Colwyn Bay ... ..	1	60	42	b	b.b.c	4.5	Ryde ... ..	1	50	45	b	b	7.5	
England, W.	Llandudno ... ..	1	54	48	o.c	c.b.c	3.5	Ventnor ... ..	1	51	42	*	*	8.3	
	Bettws y-Coed ... ..	1	50	47	b.b.c	o.c	4.3	Bournemouth ... ..	1	51	42	b	b	8.1	
England, S.W.	Aberystwyth ... ..	1	54	48	o.c	c.b.c	3.5	Hythe ... ..	0.01	49	?	bc	bc	7.4	
	Tenby ... ..	1	50	47	b.b.c	o.c	4.3	Weymouth ... ..	1	50	42	bc.b	bc.c	5.7	
England, S.E.	Lowestoft ... ..	1	46	38	b	b	7.5	Exmouth ... ..	1	49	45	b	b	8.8	
	Felixstowe ... ..	1	45	39	bm	bm	8.0	Teignmouth ... ..	1	49	47	c.o	o.c	0.6	
England, S.E.	Walton-on-Naze ... ..	1	44	39	bm	bm	8.2	Torquay ... ..	1	51	47	o.c.b.c	o	1.8	
	Southend-on-Sea ... ..	1	?	38	b	b	7.8	Paignton ... ..	1	52	46	c.b.c	bc.c	1.4	
England, S.E.	Lowestoft ... ..	1	46	38	b	b	7.5	Falmouth ... ..	1	53	48	w.b.c.o	o	3.0	
	Felixstowe ... ..	1	45	39	bm	bm	8.0	Bude ... ..	1	54	47	w.b.c.b	b.b.c.c	6.8	
England, S.E.	Walton-on-Naze ... ..	1	44	39	bm	bm	8.2	Ilfracombe ... ..	1	53	45	b	b	7.0	
	Southend-on-Sea ... ..	1	?	38	b	b	7.8	Weston-super-Mare ... ..	1	53	44	b	b	6.7	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	66	91	8.2	55	37	25	-	b	b
City (Bunhill Row)	-	-	4.4	-	-	-	-	b	b
Westminster (St. James's Pk.)	69	90	7.3	55	40	31	-	b	b
Camden Sq. (Brit. Rainfall)	63	89	5.3	54	36	27	-	b	b
Hampstead (Reservoir)	-	86	6.3	52	39	21	-	bf	bc
Richmond Park	-	-	7.9	-	-	-	-	bc	bm
Kew. (See front page.)	-	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				556 Joules		16.6 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	In.	F.	F.	F.	c	c.b
Plymouth to 9 p.m.	-	56	52	50	c	c.o
Darwen	-	47	40	38	o.cug	ou.g
Manchester	Trace	52	41	37	bc.b	bc
Birmingham	-	52	41	37	o.c	b
Oxford to 8 p.m.	-	55	40	31	bc.m.b	b
S. Kensington (Museum Grounds to 6 p.m.)	-	54	41	28	b3	b3

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

6th & 7th Feb., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.29 12.7 4.45	G.M.T. 12.7 12.7 4.47	G.M.T. 4.45 4.47 4.47
Greenwich	7.33 12.14 4.55	12.14 12.14 4.57	4.55 4.57 4.57
Wick	8.10 12.26 4.42	12.26 12.26 4.44	4.42 4.44 4.44
Valencia	8.15 12.55 5.37	12.55 12.55 5.37	5.35 5.37 5.37

## NOTES ON YESTERDAY'S WEATHER.

The thermometer again rose to between 50° and 55° in many parts of the United Kingdom. More than 8 hrs. of bright sunshine were recorded at many of the English stations. Rain fell in Ireland and the west and north of Scotland, heavily at Blacksod Point. Wireless reports show that between the Irish coasts and the 15th meridian there was a cyclonic circulation of wind, strong to a gale in force, with rainy weather; further to the westward the wind was moderate to fresh from North or North-West and the weather fair.

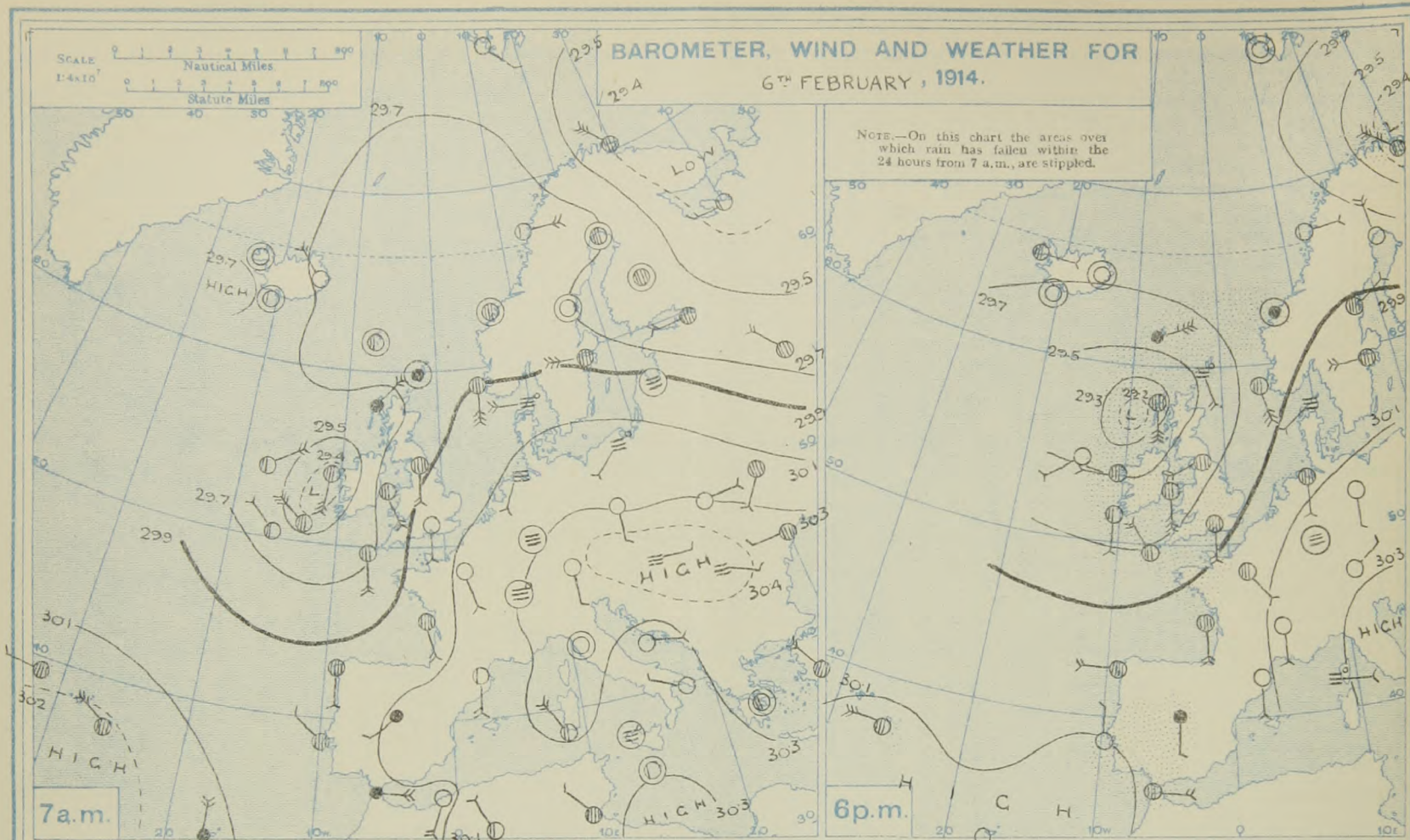
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

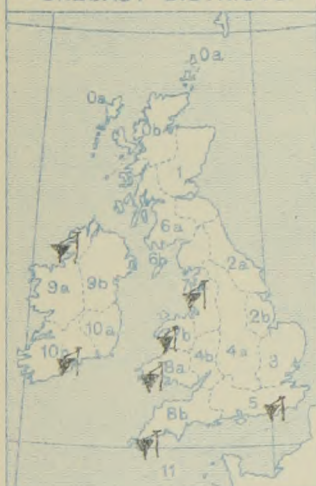
Saturday,  
12 February, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick	29.54	45	SSE	3	m	29.36	0.00	44	+3	SSE	3	bc	2	0.04	46	40	adm om	om	om, bc	*	
	Stornoway	29.28	49	SSE	6	og	29.33	0.00	40	0	SW	5	bcg	5	0.15	49	35	opg	opg	c, bcg	0.0	
	Castletown (Barra Isd.)	29.20	48	SSW	5	cp	29.31	-0.06	44	-3	SSE	4	o	6	0.14	48	40	opm	opm cp	op, bc	0.0	
	Glasgow	29.54	46	SSE	2	c	29.50	-0.04	37	-9	SSE	2	bcce	*	0.01	48	35	o	op, bc	o, bc, bc	0.0	
	Eskdalemuir	29.60	44	S	6	o	29.56	-0.04	36	-4	S	2	o	*	0.09	45	35	o	op, bc	o, bc	0.4	
	Main Head	29.38	48	SW	8	c	29.25	-0.09	39	-7	SW	5	o	4	Trace	51	35	bcn	cg	om	*	
	Blacksod Point	29.50	43	WNW	2	cmp	29.11	-0.12	45	-5	SW	6	cg	5	0.18	50	39	cmp	cmp	cmp	*	
	Valencia	29.60	43	S	2	bcv	29.19	-0.07	44	-5	S	3	bc	4	0.34	49	41	bcv	bcv	bcv	3.3	
	Roche's Point	29.66	45	W	3	b	29.27	*	46	-2	SSW	8	r	6	0.15	50	41	cg	bc, bc	b, bc, or	*	
	Birr Castle	29.60	42	SW	1	bc	29.27	*	42	-7	SE	4	o	*	0.04	51	35	cg	bc	bc, bc	2.5	
	Donaghadee	29.55	45	SW	3	bc	29.47	-0.05	43	-4	SSE	3	bc	3	0.03	49	37	cmp	bc	bc	*	
	Liverpool Obsy.	29.68	46	SE	3	o	29.60	-0.03	39	-1	SSE	2	b	2	0.01	47	39	om	o	bc	0.1	
	Holyhead	29.64	48	S	5	cmg	29.53	-0.05	44	-5	S	5	bcg	4	-	50	43	c, bc, cp	o, bc, bc	o, bc, bc	0.0	
	Pembroke (St. Ann's Hd.)	29.66	47	SW	3	c	29.50	-0.07	46	-1	S	6	cg	5	0.09	49	43	cm	cm, cp	c	0.1	
	Newquay	29.71	48	S	3	c	29.53	-0.09	44	-5	S	7	omr	3	0.17	51	38	c, op	o, c	o, omr	0.0	
	Scilly (St. Mary's)	29.71	46	NW	3	cp	29.47	-0.10	46	-5	S	7	omr	7	0.06	53	43	cmp	cmp	bcg, cp	2.5	
	Jersey (St. Aubin)	29.85	50	SSE	3	og	29.83	*	44	+1	S	4	b	4	0.05	50	43	bc, c, o	omd, og	og, bc, b	2.0	
	Portland Bill	29.79	47	S	5	of	29.73	-0.02	46	0	SSW	5	c	4	0.20	47	45	bc, c	or	or, cp	*	
	Dungeness	29.91	46	SSE	4	c	29.85	-0.01	45	+3	SSW	5	cg	5	Trace	47	44	bc	bc	c, bc, bc	*	
	Dover	29.89	45	S	5	bc	29.83	*	44	+4	SW	6	bc	6	-	48	43	b	b, bc	bc, bc, bc	8.2	
ICELAND, FAEROE, &c.	Wick	29.42	46	SE	3	o	29.40	-0.02	41	+2	SSE	4	bm	3	Trace	46	37	om, cm	om	cg, bm	*	
	Nairn	29.42	47	SSW	3	cg	29.43	*	38	0	SW	1	bc	1	Trace	52	35	bcg	oug	ox	1.0	
	Aberdeen	29.54	45	S	3	o	29.50	-0.01	38	-7	SSW	3	b	2	-	47	38	obcg	cg, o	o, c, b	1.7	
	Leith	29.57	49	SSE	3	c	29.49	-0.04	39	-10	ESE	1	b	*	-	53	38	o	o, c	c, b	*	
	North Shields	29.65	49	SW	4	o	29.60	-0.02	41	+3	SSW	2	bc	2	-	54	36	c	c	o, bc	0.0	
	Spurn Head	29.76	45	S	4	c	29.67	-0.01	42	+4	S	4	c	3	0.02	49	38	bcn	cm	com, cmr	6.2	
	Yarmouth	29.79	40	S	2	bc	29.78	0.00	43	+5	SSW	1	c	1	0.03	44	37	bcn	bc	c, bc, bc	6.7	
	Clacton-on-Sea	29.89	42	SSE	3	bc	29.80	0.00	42	+2	S	2	bc	2	-	44	39	b	b, bc	bc, cmw	7.8	
	Nottingham	29.77	48	S	4	o	29.68	*	45	+10	SSW	3	o	*	0.02	52	35	b, bc	bc, op	or	4.5	
	Bath	29.79	47	S	4	r	29.71	*	44	+3	SSW	3	b	*	0.06	49	40	c, o	or	r, o, b	0.0	
SCANDINAVIA.	London (Kew Obsy.)	29.86	46	S	3	o	29.78	-0.01	46	+8	SSW	3	o	*	0.13	51	38	bc, bc, bc	bc, cmw	or, o	6.2	
	Spitzbergen	29.83	-22	-	0	b	29.93	+0.02	-26	-5	SSE	1	b	*	-	-21	-31	GALES				
	Isafjord	29.77	24	E	2	c	29.78	0.00	26	+5	NE	5	o	*	*	*	*	Duration and Extreme Force in British Islands.				
	Reykjavik	29.70	26	E	3	b	29.62	-0.02	15	-9	-	0	b	*	*	*	*	Stornoway Night				
	Vestmanna	29.66	30	-	0	b	29.54	-0.03	21	-8	-	0	b	2	*	*	*	S 8				
	Seydisfjord	29.71	24	-	0	b	29.58	-0.03	21	-8	SW	4	bc	*	*	*	*	Malin Head 3 p.m.-7 p.m.				
GERMANY, &c.	Thorshavn	29.55	35	ENE	7	r	28.96	-0.10	37	+5	MNW	2	bc	*	*	*	*	SW 8				
	Haparanda	29.83	0	N	4	b	29.86	+0.20	-12	-3	W	2	b	*	-	3	-11	Roche's Point.				
	Hernösand	29.92	29	NE	2	o	29.80	-0.02	32	-9	-	0	o	*	-	43	28	Early morning - 7 a.m.				
	Stockholm	29.95	38	W	4	o	29.88	-0.02	37	-2	SW	2	f	*	-	43	34	SSW 8				
	Wisby	30.01	39	WSW	2	o	29.96	-0.02	35	-3	SW	2	b	*	-	39	34	Scilly 6 a.m.				
	Karlstad	29.95	39	-	0	o	29.89	-0.02	34	-6	-	0	f	*	-	45	32	Gust 42 m.p.h. (8).				
	Vardö	29.38	19	NW	9	o	29.67	+0.01	18	-3	NW	8	o	4	?	21	14					
	Bodö	29.35	16	E	2	b	29.66	-0.03	21	+2	NE	4	b	2	-	21	14					
	Christiansund	29.77	41	-	0	r	29.52	-0.07	43	+3	ENE	2	o	4	0.04	43	37					
	Skudesnaes	29.81	43	SSE	6	c	29.69	-0.04	42	-2	SSE	8	o	5	-	45	41					
FRANCE.	Færder (X'ianla Fjord)	29.91	38	S	2	f	29.84	-0.02	37	-2	S	2	m	2	-	39	37					
	The Scaw (Skagen)	29.97	40	SW	2	f	29.86	-0.03	40	0	SSW	3	f	2	-	45	36					
	Blaavands Huk	30.04	37	SW	1	m	29.89	-0.04	36	-1	S	2	m	1	-	37	36					
	Cuxhaven	30.04	36	S	2	b	29.95	-0.02	33	+4	S	3	bc	0	-	45	29					
	Berlin	30.15	37	S	1	b	30.10	-0.01	26	-	S	1	b	*	-	46	25					
	Frankfurt	30.20	34	-	0	f	30.19	+0.01	27	+3	-	0	m	*	-	46	21					
	Munich	30.24	28	NE	1	b	30.30	+0.01	24	+5	SSW	1	b	*	-	36	19					
	The Helder	29.99	36	SSE	2	b	29.86	-0.03	43	+12	S	5	o	2	-	46	30					
	Brussels	30.01	41	SSE	4	b	29.95	0.00	41	+7	SSE	2	b	*	Trace	52	34					
	C. Gris Nez	29.90	46	SSE	5	bc	29.86	-0.01	43	+2	S	5	bc	4	-	52	41					
SPAIN, PORTUGAL, &c.	La Hève	29.91	48	SE	4	o	29.90	*	44	+2	SSE	4	c	3	0.04	52	41					
	Ushant	29.80	48	SW	3	o	29.61	*	49	-1	S	7	o	5	-	52	43					
	Brest (St. Mathieu)	29.84	49	SSW	3	c	29.72	-0.05	45	-3	S	5	r	5	-	54	45					
	Lorient (Bec Melen)	*	50	SW	3	r	*	*	47	+1	SSW	5	o	4	0.08	54	43					
	Rochefort (Ile d' Aix)	29.97	49	S	4	o	29.99	+0.01	46	+2	S	3	o	*	0.24	50	43					
	Biarritz	30.01	58	SSE	2	c	30.05	+0.01	54	-3	SSW	4	c	3	-	61	50					
	Paris	30.02	48	SE	2	c	30.00	0.00	40	+9	SSE	2	o	*	-	52	31					
	Belfort	30.19	48	S	2	b	30.17	*	44	+6	SSE	2	bc	*	-	54	38					
	Nice	30.28	44	-	0	b	30.21	+0.01	42	-2	-	0	b	1	-	55	37					
	Perpignan	30.09	52	S	3	b	30.02	0.00	38	-11	SW	2	o	*	-	60	35					
SPAIN, PORTUGAL, &c.	Sanguinaire	30.33	50	E	2	m	?	*	48	+2	E	2	m	2	-	54	45					



**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted at 8.30 a.m. in Districts 5, 8, 7 to 11.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 } a } Southerly and South-Easterly winds, freshening considerably; fair at first, some rain later; moderate temperature.  
1 } b }

2 } a } Southerly winds, freshening considerably; changeable, occasional rain; temperature remaining above the normal.  
3 } b }  
4 } a }  
5 } b }

6 } a } Same as Nos. 0 and 1.  
7 } b }

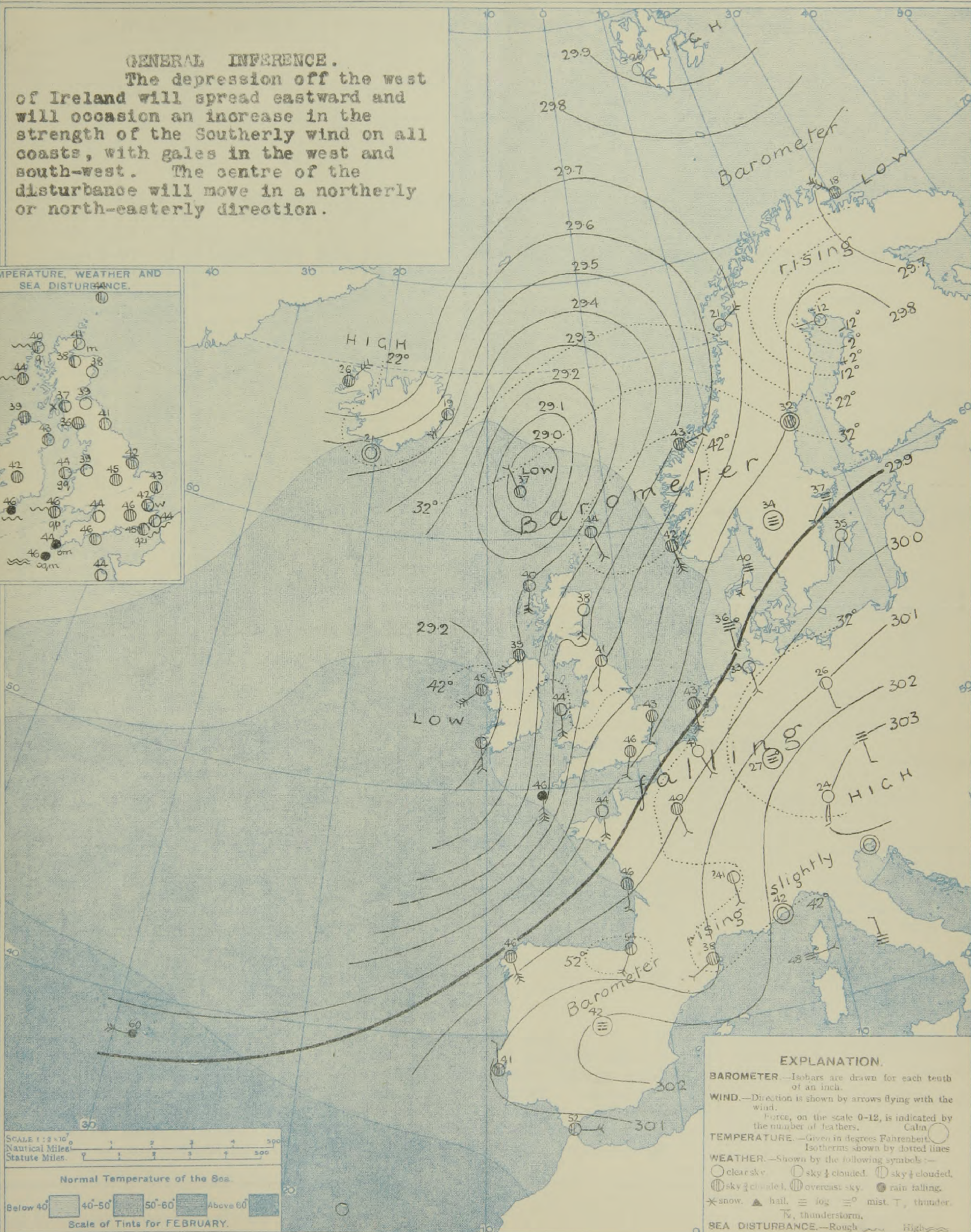
8 } a } Southerly and South-Westerly winds, strong to a gale in force; squally, occasional rain; temperature remaining above the normal.  
9 } b }  
10 } a }  
11 } b }

Strong South-Westerly winds, a gale in places, with a rough sea; mild, squally, occasional rain.

# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 7<sup>TH</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The depression off the west of Ireland will spread eastward and will occasion an increase in the strength of the Southerly wind on all coasts, with gales in the west and south-west. The centre of the disturbance will move in a northerly or north-easterly direction.



## DAILY WEATHER REPORT.

Saturday, 7th February 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
6th G.p.m.	55	13	Mongolian	H	29.42	-0.02	SW	1-3	b	6th 7 a.m.	54	16	Mongolian	H	29.63	-0.12	ENE	4-5	bc
"	51	10	Cedric	H	29.53	+0.01	S	1-3	bc	"	50	15	Victorian	O	29.67	+0.07	NNE	6-7	c

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	In.	F.	F.	c.	c.	Hr.	Margate	In.	F.	F.	b.	b.	Hr.
(Oban ...)	0.29	49	49	c.	c.	0.0	Ramsgate	?	51	39	b.	b.	7.2
(St. Andrews ...)	-	49	41	*	*	0.2	Folkestone	0.01	51	40	w.b.	b.bc	6.9
Eng. N.E.	-	48	34	m.bc.c	o	0.7	Littlestone	-	-	-	*	*	7.6
(Scarborough ...)	-	50	46	bc	c.b	6.4	Hastings	-	48	40	bc	bc	7.5
Eng. N.W.	-	49	39	bc	bc.o	1.4	Bexhill-on-Sea	-	47	41	b	b.bc	8.0
(Blackpool ...)	-	47	41	c	c	0.1	Eastbourne	-	47	38	b	b	7.2
(Southport ...)	-	47	40	b.bc	bc.e.o	0.3	Seaford	-	50	40	b	b	7.2
Mid- lands.	-	46	36	bc	bc	2.0	Brighton	-	48	40	bc.b	bc.c.o	6.9
(Buxton ...)	-	50	35	bc.e.b	c.b.or	3.4	Worthing	-	51	41	bc.c	c.bc.c	6.2
(Leamington Spa ...)	0.01	49	40	b.bc.c	c.o.m	0.7	Littlehampton	-	-	-	*	*	6.8
(Malvern ...)	-	49	40	b.bc.c	c.o.m	0.7	Southsea	-	49	42	b	o	5.0
Wales.	0.03	51	41	o	o	0.0	Ryde	-	50	42	bc	c	5.3
(Rhyl ...)	0.04	53	42	bc	bc.d	4.3	Ventnor	Trace	51	41	*	*	5.2
(Llandudno ...)	0.02	53	47	o	o	0.0	Bournemouth	0.02	47	42	c	or	1.3
(Bettws-y-Coed ...)	0.03	50	45	o.c.o	or.o	0.2	Hythe	-	50	?	bc	bc	6.4
(Aberystwyth ...)	0.02	49	46	o	o	0.0	Weymouth	0.04	47	44	bc.c	c.or	0.3
(Tenby ...)	-	45	38	b	b.bc	7.2	Exmouth	0.09	50	45	o	or	0.0
England, E.	0.01	44	37	bc.b.m	bm	7.5	Teignmouth	0.05	49	45	o	or	0.0
(Lowestoft ...)	0.01	44	39	bm.bc.b	b.bc.cm	7.7	Torquay	0.02	50	46	o	r.o	0.0
(Felixstowe ...)	0.01	44	39	bm.bc.b	b.bc.cm	7.7	Paignton	0.05	51	44	od	d	0.0
(Walton-on-Naze ...)	-	49	38	b	b	7.5	Falmouth	0.04	51	48	op	o.c.o	0.0
(Southend-on-Sea ...)	-	49	38	b	b	7.5	Bude	0.01	53	48	cp	cp	0.0
							Ilfracombe	0.03	52	45	o	op.o.c	0.0
							Weston-super-Mare	-	48	42	bc.c	or	0.1

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	72	85	6.6	53	41	33	0.08	b	b.bc.c	o.or
City (Bunhill Row) ...	72	85	2.0	53	41	33	0.08	b	b.bc.c	o.or
Westminster (St. James's Pk.)	74	91	5.5	52	43	37	0.05	b	bc	r.bc
Camden Sq. (Brit. Rainfall)	74	85	4.2	52	41	39	0.11	bm.bc	bc	*
Hampstead (Reservoir) ...	74	85	?	50	42	30	0.12	?	?	o.or
Richmond Park ...	74	85	6.4	50	42	30	0.12	?	?	o.or
Kew. (See front page.)	74	85	6.4	50	42	30	0.12	?	?	o.or
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)				Total.	Average Rate.		Max. Rate.			
				502	Joules		33.0 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.	Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.		
Dublin to 4 p.m.	0.02	53	46	op.c	p.c
Plymouth to 9 p.m.	0.07	49	43	o	o
Darwen	0.01	45	39	c	cb
Manchester	0.04	48	36	*	b.c
Birmingham	0.04	48	36	*	b.c
Oxford to 8 p.m.	0.04	48	36	*	b.c
S. Kensington (Museum Grounds to 6 p.m.)	-	51	40	27	b.b.m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

7th & 8th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.27 7.26	G.M.T. 12.7 12.7	G.M.T. 4.47 4.48
Greenwich	7.31 7.20	12.14 12.14	4.57 4.58
Wick	8.8 8.6	12.26 12.26	4.44 4.46
Valencia	8.13 8.12	12.55 12.55	5.37 5.38

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° and upwards in many parts of the United Kingdom. Between 7 and 8 hrs. of bright sunshine were again recorded on the east and south-east coasts of England. Rain fell in most parts of England and Ireland. Wireless reports show that between the 12th and 16th meridian ships experienced moderate to strong breezes from between North-West and North-East, with fair weather.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust, haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

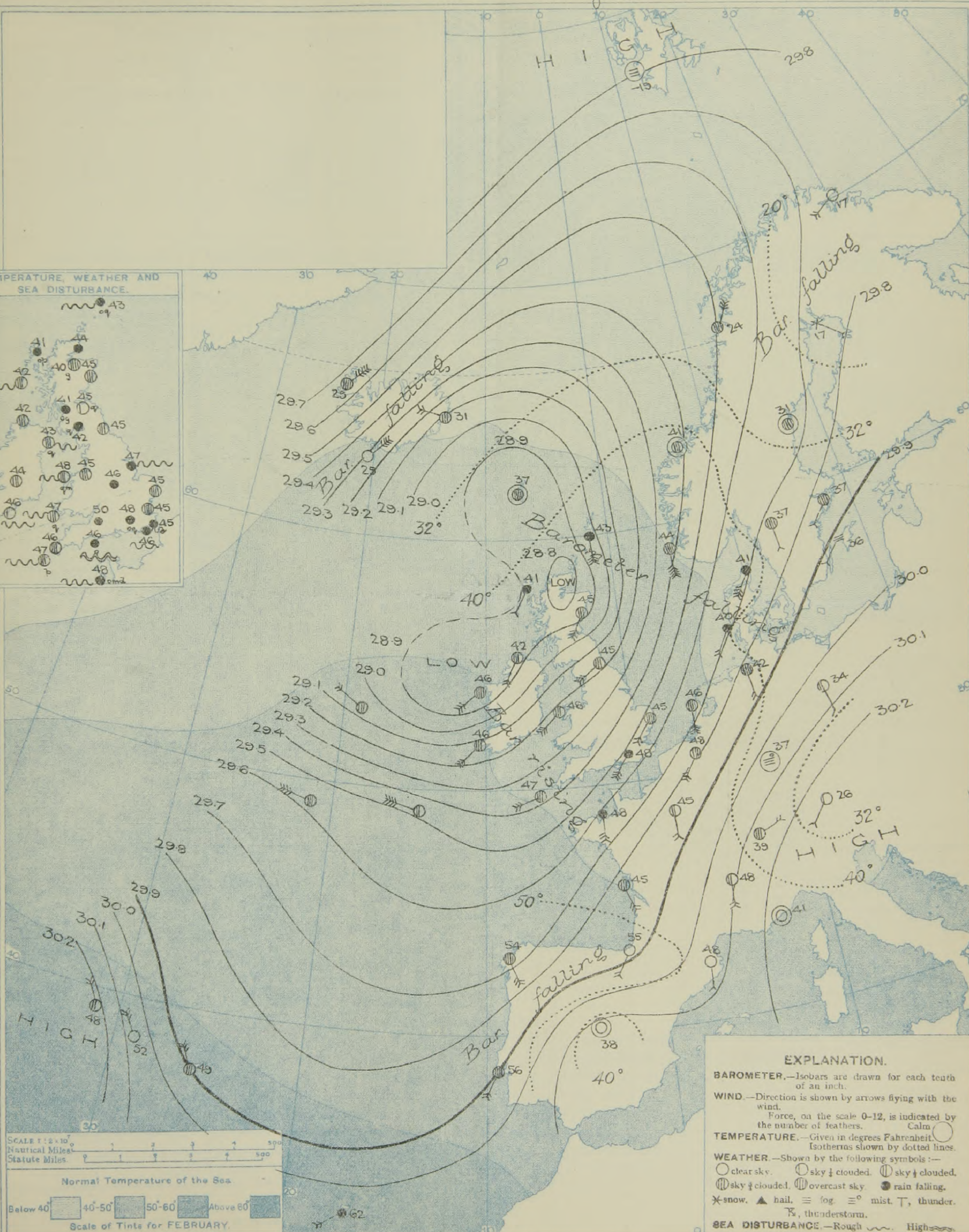
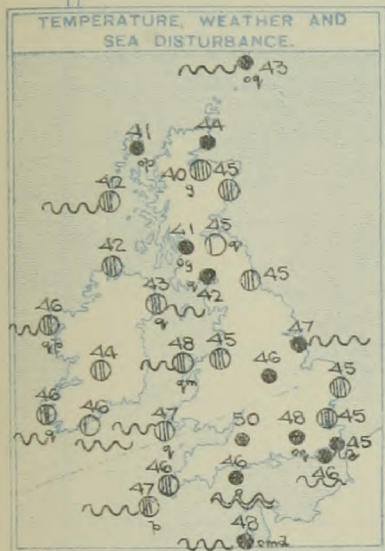
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
8th February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day
	BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.					
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).					Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	Hours		
BRITISH ISLANDS.	Lerwick	29.26	44	SSE	6	cq	28.99	-0.8	43	-	5	6	ogr	5	0.03	45	42	bc	bcq	c dp	*		
	Stornoway	29.09	43	SSE	6	ogr	28.90	-0.3	41	+1	SSW	2	op	2	0.37	44	39	cp	otq	ot c dp	0.0		
	Castlebay (Barra Isd.)	29.03	46	SSE	5	op	28.88	0.0	42	-2	SSE	4	c	5	0.22	47	41	ou	r op	ot c dp	0.0		
	Glasgow	29.21	43	SSW	3	c	29.03	+1.8	41	+4	SSW	4	ogr	*	0.07	46	35	o c o	opq c	op c	0.1		
	Eskdalemuir	29.27	41	S	5	o	29.12	+1.3	42	+6	SSW	6	rg	*	0.42	46	35	o bc o	otq	o otq	2.3		
	Malin Head	29.04	43	SW	4	bc	28.89	+0.1	42	+3	SSW	4	c	3	0.39	46	38	emp	bcq	cqo	*		
	Blacksod Point	28.99	45	SW	5	bcq	28.86	+0.3	46	+1	SW	6	cq	5	0.29	47	42	cq	cq	cq	*		
	Valencia	29.06	45	S	4	mr	29.11	+0.5	46	+2	SW	6	cq	5	0.52	48	42	cq	cq	omr	1.1		
	Roche's Point	29.19	47	SSW	5	r	29.22	*	46	0	SW	5	b	6	0.40	48	42	cpq	cpq r	tc bc b	*		
	Birr Castle	29.14	45	S	3	c	29.08	*	44	+2	S	3	c	*	0.35	49	38	cp	c	ot c q	4.9		
ICELAND, FAEROE, &c.	Donaghadee	29.21	45	S	2	om	29.07	+1.2	43	0	SW	5	cq	5	0.36	48	40	omr	omr	omr eq	*		
	Liverpool Obsy.	29.38	44	SSE	3	o	29.29	+0.3	45	+6	SSW	4	c	4	0.06	51	39	bg o	opq	cpq	2.1		
	Holyhead	29.31	47	SSW	6	cqgm	29.21	+0.4	48	+4	SW	6	cqgm	5	0.11	50	43	c	opq	c op c	0.7		
	Pembroke (St. Ann's Hd.)	29.33	47	SSW	5	r	29.29	+0.3	47	+1	SW	6	cq	5	0.34	50	40	cq	cq	ogr c q	1.2		
	Newquay	29.43	47	S	5	or	29.42	+0.6	46	+2	SW	2	c	4	0.43	52	41	o op bc	c o r	cp	1.4		
	Scilly (St. Mary's)	29.35	48	S	5	omr	29.39	+0.4	47	+1	WSW	5	cp	6	0.26	52	45	omr	omr	omr eq	1.5		
	Jersey (St. Aubin)	29.10	47	S	5	og	29.11	*	48	+4	S	5	omr	5	0.24	49	44	c o q r	ogr og	og p m d	1.2		
	Portland Bill	29.56	45	SSW	6	o	29.42	0.0	46	0	S	8	or	7	0.24	47	44	o cp	od	c o r	*		
	Dungeness	29.72	46	SW	6	r	29.61	+0.1	46	+1	SW	6	r	6	0.25	48	46	c bc	c o r	ot	*		
	Dover	29.72	45	S	6	r	29.61	*	45	+1	S	7	or	6	0.18	47	43	bc bc	bc bc	op r	3.4		
SCANDINAVIA.	Wick	29.18	44	SSE	6	c	28.74	-2.1	44	+3	SSE	4	omr	4	0.26	44	39	bm c m q	emp	omr r	*		
	Nairn	29.15	44	-	0	ou	28.78	*	40	+2	WSW	1	og	1	0.13	46	36	gc	c q	bc r	0.3		
	Aberdeen	29.25	44	SSE	5	opq	28.87	-1.0	45	+7	SSW	6	c	2	0.22	47	36	c b	c o q r	o otq	2.4		
	Leith	29.23	46	SSW	3	c	29.01	+1.4	45	+6	SW	6	bg	*	0.03	51	38	c	cp	c op	3.2		
	North Shields	29.37	45	SSW	4	o	29.16	+0.8	45	+4	SW	5	c	2	trace	50	40	bc o	op	o bc	3.2		
	Spurn Head	29.49	45	SSW	6	c	29.33	+0.2	47	+5	SSW	6	cq	5	0.05	48	41	c	c q	c q	4.3		
	Yarmouth	29.67	45	SSW	5	o	29.51	0.0	45	+2	SSW	4	o	3	0.02	49	40	c	bc o r	o	2.2		
	Clacton-on-Sea	29.68	44	SSW	6	o	29.55	-0.2	45	+3	SSW	5	o	4	0.09	46	41	bc	bc o r	ot o	3.3		
	Nottingham	29.48	45	S	5	c	29.37	*	46	+1	SW	3	r	*	0.04	50	44	o bc	op c	c o	3.5		
	Bath	29.54	49	SW	4	o	29.44	*	50	+6	SW	5	r	*	0.39	51	44	c b o r q	r op	op q r d	0.3		
GERMANY, &c.	London (Kew Obsy.)	29.62	47	SSW	6	og	29.51	0.0	48	+2	SSW	6	otq	*	0.18	50	44	o c q	c q ot d	og r o q	2.3		
	Spitzbergen	29.90	-23	SE	1	b	29.80	-0.1	-19	+7	-	0	f	*	-	-19	-29	<p><b>GALES.</b></p> <p>Duration and Extreme Force in British Islands</p> <p>Glasgow. 3 a.m.-6 a.m. Extreme SW 8.</p> <p>Edinburgh. 4 a.m.-5 a.m. Extreme SSW 8.</p> <p>Roche's Point. 7 a.m.-8 a.m. Extreme SSW 8.</p> <p>and 8 p.m.-11 p.m. Extreme W 9 at 11 p.m.</p> <p>Holyhead. noon. Extreme SSE 9.</p> <p>and 1 a.m. Extreme S 9.</p> <p>Just 62 mph (10).</p> <p>Pembroke. 10 a.m. and 11 p.m. Extreme S 8.</p> <p>Sally. 9 p.m.-11 p.m. Extreme S 8.</p> <p>Falmouth. 10 p.m.-midnight. Extreme S 8.</p> <p>Portland Bill. 4 p.m.-7 a.m. Extreme SSW 8.</p> <p>Dover. 6 a.m. Extreme S 8.</p> <p>Aberdeen. 6 a.m. Squall SSE 48 mph (9).</p>					
	Isafjord	29.78	23	NE	8	o	29.68	-0.1	25	-1	NE	9	o	*	*	*	*						
	Reykjavik	29.57	25	NE	6	bc	29.44	-0.2	26	+11	NNW	5	c	*	*	*	*						
	Vestmanna	29.45	26	N	9	b	29.28	-0.8	25	+4	NE	8	b	1	*	*	*						
	Seydisfjord	29.36	26	WNW	5	s	29.05	-1.2	31	+12	WNW	4	c	*	*	*	*						
	Thorshavn	29.09	37	NE	4	o	28.86	-0.5	37	0	-	0	o	*	*	*	*						
	Haparanda	30.03	-7	N	2	b	29.78	-0.6	17	+24	SE	2	s	*	trace	18	?						
	Hernösand	29.76	31	-	0	f	29.63	0.0	31	-1	-	0	o	*	0.08	34	28						
	Stockholm	29.84	33	SSW	2	b	29.81	+0.2	37	0	SW	2	o	*	-	37	30						
	Wisby	29.92	33	SSW	2	o	29.92	+0.3	36	+1	SW	2	f	*	-	37	32						
FRANCE.	Karlstad	29.76	36	-	0	o	29.75	0.0	37	+3	S	2	o	*	trace	37	32						
	Vardö	29.77	23	NNW	4	s	29.75	-0.3	17	-1	WSW	4	b	3	-	23	12						
	Bodö	29.82	25	SE	8	s	29.50	-0.3	24	+3	MNE	6	o	4	?	25	19						
	Christiansund	29.45	43	-	0	o	29.38	+0.7	41	-2	-	0	c	3	-	45	37						
	Skudesnaes	29.56	44	S	8	o	29.36	-0.5	44	+2	SSE	4	o	7	0.28	45	41						
	Færder (X'tania Fjord)	29.69	39	SSW	4	f	29.65	-0.3	40	+3	SSE	4	f	3	-	40	37						
	The Scaw (Skagen)	29.77	41	WSW	5	m	29.69	-0.4	41	+1	SSW	7	r	2	trace	41	36						
	Blaavands Huk	29.82	40	S	3	m	29.70	-0.4	40	+4	SSW	3	r	2	0.04	40	36						
	Cuxhaven	29.88	39	S	2	c	29.82	-0.2	42	+9	S	3	o	0	-	46	33						
	Berlin	30.03	39	S	1	b	30.06	0.0	34	+8	S	1	bc	*	-	46	26						
SPAIN, PORTUGAL, &c.	Frankfurt	30.07	41	-	0	m	30.08	0.0	37	+10	-	0	m	*	-	43	27						
	Munich	30.21	30	N	1	b	30.25	+0.1	26	+2	SSW	2	b	*	-	43	23						
	The Helder	29.81	41	S	4	c	29.68	-0.1	46	+3	S	6	c	3	0.08	48	41						
	Brussels	29.88	44	SSE	4	o	29.80	-0.1	48	+7	SSW	5	o	*	0.04	48	40						
	C. Gris Nez	29.10	48	SSW	6	r	29.65	-0.1	47	+4	S	7	o	5	0.04	50	43						
	La Hève	29.75	48	SSW	5	c	29.67	*	48	+4	SSW	7	o	5	-	52	41						
	Ushant	29.50	50	S	8	f	29.50	*	50	+1	SW	4	r	7	0.28	50	46						
	Brest (St. Mathieu)	29.60	50	S	6	r	29.52	+0.1	48	+3	SSW	5	m	6	0.87	52	45						
	Lorient (Bec Melen)	29.92	47	SSW	3	c	29.83	-0.6	45	-1	SSE	5	c	*	-	54	45						
	Rochefort (Ile d'Aix)	29.97	57	S	3	b	29.86	-0.8	55	+1	SSW	3	b	4	0.04	59	54						
GERMANY, &c.	Biarritz	29.97	57	S	3	b	29.86	-0.8	55	+1	SSW	3	b	4	0.04	59	54						
	Paris	29.93	46	S	3	b	29.88	-0.1	45	+5	S	3	bc	*	0.04	50	40						
	Belfort	30.10	45	-	0	o	30.14	*	39	+6	ENE	3	c	*	?	55	33						
	Lyons	30.12	49	S	4	c	30.10	*	48	+4	S	4	bc	*	-	53	44						
	Nice	30.24	46	-	0	b	30.25	0.0	41	-1	-	0	b	1	-	57	41						
	Perpignan	30.05	50	-	0	b	30.02	+0.1	48	+10	S	2	b	*	-	63	38						
	Sanguinaire																						
	Corunna (8 a.m.)	30.02	50	W	3																		



# SYNOPTIC CHART FOR 7 a.m., Sunday, 8<sup>th</sup> FEBRUARY, 1914.



## DAILY WEATHER REPORT.

Sunday, 8th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- omeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- omeward	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
7th 6 p.m.	51	22	Turcoman	O	29.02	+0.5	NW	10-11	O	7th 1 p.m.	49	10	Mount Temple	O	29.21	+0.2	WSW	6-7	r
" "	52	22	California	H	29.15	-0.1	NW	6-7	O	" 7 a.m.	50	27	Alania	O	29.51	+1.2	NW	10-11	C
" "	50	20	Haverford	H	29.24	+0.4	WNW	8-9	C	" "	50	26	California	H	29.26	-0.1	WNW	8-9	O
" "	49	16	Minnetonka	H	29.13	-0.32	W	6-7	C	" "	49	20	Minnetonka	H	29.26	-0.4	WNW	6-7	O
" "	49	12	Marquell	O	29.50	-0.6	NW	8-9	O	" "	50	17	Haverford	O	29.18	-0.2	W	8-9	C

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scot- land.	In.	F.	F.					(Margate ... ..)	In.	F.	F.				
(Oban ... ..)								(Ramsgate ... ..)							
(St. Andrews ... ..)								(Folkestone ... ..)							
Eng. N.E.								(Littlestone ... ..)							
(Harrogate ... ..)	0.04	46	39	c.b.c.	op	2.2		(Hastings ... ..)	0.11	48	43	c.b.c.	b.d.c.	4.0	
(Scarborough ... ..)								(Bexhill-on-Sea ... ..)	0.11	48	43	c.b.c.	b.c.	3.6	
Eng. N.W.								(Eastbourne ... ..)	0.12	49	44	c.b.c.	b.r.	4.0	
(Morecambe ... ..)		47	37	b.c.	b.c.	2.1		(Seaford ... ..)	0.02	47	43	or.c.	r.	3.2	
(Blackpool ... ..)		46	36	c.o.	o.	0.9		(Brighton ... ..)	0.16	48	44	b.c.b.	c.o.	3.9	
(Southport ... ..)		48	38	b.c.c.	op.c.	1.9		(Worthing ... ..)	0.17	49	44	b.c.	or.	3.6	
Mid- lands.								(Littlehampton ... ..)	0.17					3.7	
(Buxton ... ..)	0.08	42	39	b.c.	c.r.	0.7		(Southsea ... ..)							
(Leamington Spa ... ..)	0.06	49	38	c.	c.b.c.	2.5		(Ryde ... ..)							
(Malvern ... ..)		49	41	b.b.c.	p.b.c.	0.0		(Ventnor ... ..)							
Wales.								(Bournemouth ... ..)	0.27	48	43	c.	orq.	1.7	
(Rhyl ... ..)								(Hythe ... ..)	0.08	49	41	c.b.	b.or.	4.4	
(Colwyn Bay ... ..)								England, S.E.							
(Llandudno ... ..)								(Weymouth ... ..)	0.25	48	45	b.c.c.	ro.	1.1	
(Bettws-y-Coed ... ..)								(Exmouth ... ..)							
(Aberystwyth ... ..)	0.06	48	42	r.o.c.	c.o.	1.5		(Teignmouth ... ..)	0.27	51	43	or.	or.	0.0	
(Tenby ... ..)	0.03	49	46	c.b.c.	o.	1.4		(Torquay ... ..)							
England, E.								(Paignton ... ..)	0.16	51	40	op.	od.	0.5	
(Lowestoft ... ..)								(Falmouth ... ..)	0.21	52	39	orq.cq.	cq.or.	2.1	
(Felixstowe ... ..)	0.02	46	40	c.b.c.	b.c.m.	4.1		(Bude ... ..)							
(Walton-on-Naze ... ..)	0.03	45	41	c.b.c.	b.b.c.	3.1		(Ilfracombe ... ..)	0.29	50	42	op.c.	op.c.	0.0	
(Southend-on-Sea ... ..)	0.03	50	41	b.c.	pq.	2.0		(Weston-super-Mare ... ..)							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	82	90	2.9	52	44	43	0.24	b	b.or	or
City (Bunhill Row) ...	"	"	1.5	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	88	92	2.4	51	45	43	0.17	b	b.c.	4.r
Camden Sq. (Brit. Rainfall)	"	91	1.6	51	41	40	0.17	c.b.c.	"	"
Hampstead (Reservoir) ...	"	93	1.3	48	42	35	0.18	b.c.	or	or
Richmond Park ...	"	"	2.4							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	88	90	2.5	Total. 384 Joules	Average Rate. 11.3 Milliwatts.			Max. Rate. 36 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Max.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.13	49	40	37	b.c.	pg.b	b.c.	"
Plymouth to 9 p.m.	0.30	52	44	41	agr	c.b.c.	or	0.3
Darwen "	0.03	44	39	34	or.	c.b.c.	or	0.5
Manchester "	Trace	47	42	"	c.b.c.	b.c.	c.b.c.	1.7
Birmingham "	0.11	46	41	37	"	c	r	1.5
Oxford to 8 p.m.	"	49	43	40	or.c.	c.b.c.	c.b.c.	"
S. Kensington (Museum Grounds to 6 p.m.)	0.14	50	44	37	b.c.c.	c.orq.	odq.	"

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

8th Feb. 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ... ..	7.26	12.7	4.48
Greenwich ... ..	7.26	12.7	4.50
Wick ... ..	7.30	12.14	4.58
Valencia ... ..	7.28	12.14	5.0
	8.6	12.26	4.46
	8.3	12.26	4.48
	8.12	12.55	5.38
	8.10	12.55	5.40

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° or slightly above in a few parts of Great Britain. Rain fell very generally, the quantity being considerable in some southern, western and north-western localities. Bright sunshine was more prevalent in the east and south-east than elsewhere. Gales from South and South-West were experienced on various parts of the southern and western coasts, and according to wireless reports strong winds and gales from West and North-West occurred between the Irish coast and the 23rd meridian.

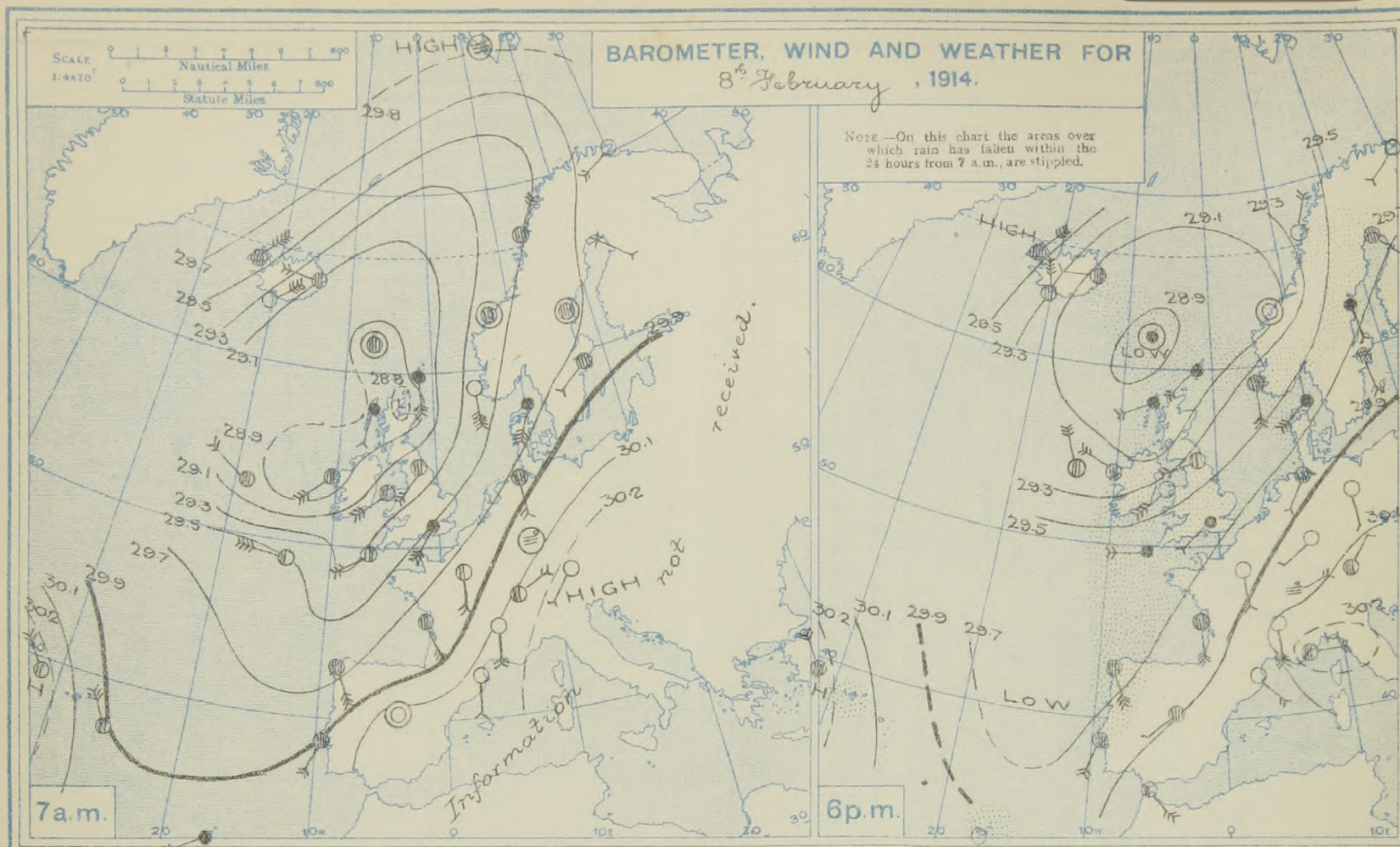
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

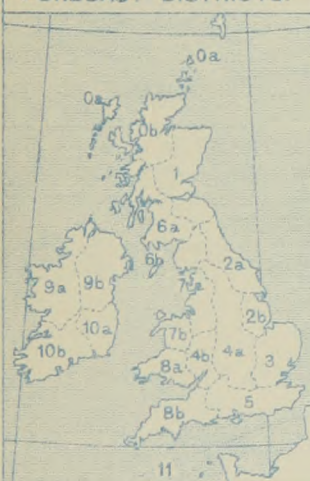
Monday,  
9th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		TEMP.		WEATHER.		TEMP.		WEATHER.		WEATHER.		
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	Hours		
BRITISH ISLANDS.	Lerwick ...	29.00	44	SW	4	c	29.32	+0.10	41	-2	SSW	5	orh	4	0.30	46	40	otg	cpq	cpq	cpq	0.6	
	Stornoway ...	28.95	42	WSW	4	otm	29.53	+0.08	38	-3	W	5	bc	4	0.35	44	35	cp	c om	c. bc	c. bc	0.0	
	Castlebay (Barra Isd.)	28.95	44	WSW	4	o	29.60	+0.08	42	0	W	3	bc	4	0.32	47	39	c. or	r. op	op. c. bc	op. c. bc	0.0	
	Glasgow ...	29.17	44	S	5	o	29.68	+0.08	36	-5	WSW	2	bex	x	0.06	47	35	op. bc	bc. c.	op. c. b	op. c. b	2.2	
	Eskdalemuir ...	29.29	42	S	6	o	29.74	+0.05	36	-6	-	0	b	3	0.31	44	33	otg	og	og	og	0.0	
	Malin Head ...	28.98	43	SW	7	r	29.67	+0.08	38	-4	S	2	bc	3	0.01	46	37	bc r	og r	og r	og r	0.0	
	Blacksod Point ...	29.19	45	WNW	5	cp	29.65	+0.03	41	-5	WNW	1	om	3	0.13	48	35	cp	cp	om. bc	om. bc	0.0	
	Valencia ...	29.39	46	SW	5	cp	29.59	+0.01	43	-3	E	2	o	4	0.03	50	40	c. b. p	c. b. p	c. b.	c. b.	2.6	
	Roche's Point ...	29.44	47	SW	4	b	29.64	+	45	-1	SE	3	o	4	0.05	49	39	bc cpq	bc cpq	b. bc. op	b. bc. op	0.0	
	Birr Castle ...	29.31	47	SW	5	c	29.64	+	39	-5	S	1	c	3	0.04	48	37	bc p	cp	m. c	m. c	5.0	
	Donaghadee ...	29.19	46	SW	4	c	29.68	+0.05	44	+1	SW	3	o	3	Trace	49	38	c	bc	c. bc. c	c. bc. c	0.0	
	Liverpool Obsy. ...	29.47	44	SSW	4	bc	29.75	+0.03	37	-8	SE	3	o	2	-	50	36	bc	bc	b. o	b. o	4.5	
	Holyhead ...	29.41	47	SW	7	bq	29.72	+0.03	43	-5	SE	1	o	3	Trace	49	42	bc. o. cp	bc. o. cp	b. bc. ca	b. bc. ca	4.4	
	Pembroke (St. Ann's Hd)	29.54	48	SW	5	b	29.69	0.00	43	-4	E	2	cm	3	Trace	48	43	cp	cp	b	b	0.0	
	Newquay ...	29.57	45	S	3	c	29.65	0.00	45	-1	SE	5	o	4	-	49	36	o	o	o. c	o. c	0.0	
	Scilly (St. Mary's) ...	29.57	47	W	4	c	29.63	0.00	48	+1	SE	6	cp	6	-	49	44	c	c	bc. c	bc. c	0.0	
	Jersey (St. Aubin) ...	29.67	49	SSW	4	r	29.77	+	46	-2	S	3	om	3	0.55	51	46	om r	om r	om. om	om. om	0.0	
	Portland Bill ...	29.66	46	SW	3	ot	29.74	-0.01	46	0	ESE	2	om	4	0.10	47	44	ot	o	or. df	or. df	0.0	
	Dungeness ...	29.67	49	SSW	5	ug	29.82	+0.01	46	0	SSW	4	c	4	0.03	48	45	o. c	c. o	c. op. c	c. op. c	0.0	
	Dover ...	29.70	49	SW	6	o	29.84	+	46	+1	SSW	2	c	4	0.04	50	44	op. o	op. o	op. o. c	op. o. c	0.0	
ICELAND, FAEROE, &c.	Wick ...	29.02	44	S	3	c	29.51	+0.14	34	-10	SSW	2	b	2	0.03	45	33	om. bc	bc. c	om. bc. b	om. bc. b	0.0	
	Nairn ...	29.03	42	-	0	c	29.58	+	36	-4	W	2	bq	1	0.01	48	32	v. bc	bc	p. c	p. c	6.0	
	Aberdeen ...	29.14	43	S	5	bc	29.64	+0.10	37	-8	SW	3	b	2	-	49	37	cp	bc p	bc. b	bc. b	2.5	
	Leith ...	29.17	45	SSW	4	bc	29.66	+0.10	38	-7	SSW	2	b	3	0.02	50	38	bc p	bc	bc. p	bc. p	0.0	
	North Shields ...	29.37	45	WSW	4	b	29.71	+0.04	44	-1	SW	3	c	2	-	51	43	bc	b	bc. c	bc. c	2.2	
	Spurn Head ...	29.51	47	SSW	4	o	29.76	+0.06	40	-7	SSW	3	bc	3	0.10	48	39	or	o	o. c	o. c	0.8	
	Yarmouth ...	29.63	47	SSW	4	ot	29.84	+0.04	42	-3	SW	1	om	1	0.05	49	42	o	ot	o	o	0.0	
	Clacton-on-Sea ...	29.64	45	SSW	4	op	29.82	+0.03	43	-2	S	1	og	0	0.17	45	42	op. o	op. o	or. og	or. og	0.0	
	Nottingham ...	29.55	47	SW	5	o	29.81	+	34	-12	SW	1	m	3	0.05	51	34	r. o. c. b	bc. o	o	o	1.5	
	Bath ...	29.62	48	SW	3	o	29.78	+	40	-10	SE	1	o	3	0.05	51	35	d. o	g. o	o	o	0.0	
	London (Kew Obsy.) ...	29.67	48	SW	2	vd	29.79	+0.02	46	-2	W	1	om	3	0.34	50	44	otg. adm. mod. ad.	otg. adm. mod. ad.	od. r. om	od. r. om	0.0	
SCANDINAVIA.	Spitzbergen ...	29.56	25	NE	9	o	29.54	+0.02	26	+1	NE	8	o	3	0.00	30	12	o	o	o	o	0.0	
	Isafjord ...	29.30	28	NNE	9	o	29.30	0.00	31	+5	NNE	4	c	3	0.00	30	12	o	o	o	o	0.0	
	Reykjavik ...	29.15	28	NNW	8	c	29.17	-0.01	31	+6	-	0	b	1	0.00	30	12	o	o	o	o	0.0	
	Seydisfjord ...	29.06	32	W	1	o	29.06	+0.01	33	+2	-	0	s	3	0.00	30	12	o	o	o	o	0.0	
	Thorshavn ...	28.82	41	-	0	t	29.11	+0.03	35	-2	W	2	o	3	0.00	30	12	o	o	o	o	0.0	
GERMANY, &c.	Haparanda ...	29.63	15	SE	2	o	29.24	-0.08	23	+6	NE	2	s	3	0.20	23	12	o	o	o	o	0.0	
	Hernösand ...	29.58	35	S	2	r	29.32	-0.04	37	+6	S	2	bc	3	0.28	37	27	o	o	o	o	0.0	
	Stockholm ...	29.73	40	S	4	o	29.68	+0.02	42	+5	SW	6	o	3	0.00	43	37	o	o	o	o	0.0	
	Wisby ...	29.85	40	SSW	4	c	29.83	-0.01	42	+6	WSW	6	bc	3	Trace	43	36	o	o	o	o	0.0	
	Karlstad ...	29.63	38	-	0	o	29.65	+0.02	38	+1	SW	4	c	3	0.08	41	35	o	o	o	o	0.0	
	Vardö ...	29.69	17	SW	2	b	29.47	-0.09	21	+4	S	2	o	3	-	21	12	o	o	o	o	0.0	
	Bodö ...	29.33	27	NNE	4	b	29.20	-0.02	28	+4	E	4	o	2	0.04	28	23	o	o	o	o	0.0	
	Christiansund ...	29.13	46	-	0	b	29.21	+0.01	44	+3	SW	1	b	4	-	45	41	o	o	o	o	0.0	
	Skudesnaes ...	29.40	44	S	8	o	29.48	+0.05	45	+1	WSW	9	r	7	0.08	45	43	o	o	o	o	0.0	
	Færder (K'lania Fjord)	29.52	41	S	6	r	29.59	+0.03	41	+1	SSW	6	m	3	0.16	41	39	o	o	o	o	0.0	
FRANCE.	The Scaw (Skagen) ...	29.62	44	SW	6	r	29.73	+0.04	42	+1	WSW	5	bc	2	0.04	45	39	o	o	o	o	0.0	
	Blaavands Huk ...	29.71	41	SW	4	m	29.86	+0.08	41	+1	SW	3	o	2	0.04	43	39	o	o	o	o	0.0	
	Cuxhaven ...	29.83	47	SSW	2	o	29.94	+0.03	44	+2	S	2	o	0	-	52	42	o	o	o	o	0.0	
	Berlin ...	30.04	43	S	1	b	30.11	+0.01	35	+1	S	2	o	3	-	54	34	o	o	o	o	0.0	
	Frankfurt ...	30.04	48	SW	1	b	30.16	+0.02	35	-2	-	0	m	3	-	55	34	o	o	o	o	0.0	
	Munich ...	30.15	34	NE	1	c	30.26	+0.02	28	+2	SW	1	b	3	-	45	25	o	o	o	o	0.0	
	The Helder ...	29.74	47	S	6	o	29.91	+0.07	43	-3	S	1	o	1	-	50	43	o	o	o	o	0.0	
	Brussels ...	29.85	50	SSW	5	o	29.95	+0.04	45	-3	SSW	3	c	3	-	57	44	o	o	o	o	0.0	
	C. Gris Nez ...	29.71	50	S	6	c	29.85	+0.02	49	+2	S	5	c	3	Trace	50	46	o	o	o	o	0.0	
	La Hève ...	29.71	50	SW	6	c	29.84	+	48	0	SSW	5	c	4	-	52	45	o	o	o	o	0.0	
SPAIN, PORTUGAL, &c.	Ushant ...	29.64	46	SW	2	c	29.58	+	49	-1	SE	4	o	5	0.32	50	43	o	o	o	o	0.0	
	Brest (St. Mathieu) ...	29.64	46	NW	2	o	29.66	-0.03	48	0	SE	3	o	5	-	54	45	o	o	o	o	0.0	
	Lorient (Bec Melen) ...	29.80	52	S	5	o	29.82	-0.01	48	+3	SE	4	o	4	-	54	45	o	o	o	o	0.0	
	Rochefort (Ile d' Aix)	29.80	60	S	4	c	29.77	-0.01	59	+4	S	4	c	5	-	63	48	o	o	o	o	0.0	
	Biarritz ...	29.85	52	SSE	3	b	29.95	+0.02	44	-1	SSE	4	o	3	-	59	42	o	o	o	o	0.0	
	Paris ...	30.06	45	ESE	3	m	30.19	+	36	-3	ESE	2	bc	3	-	55	31	o	o	o	o	0.0	
	Lyons ...	30.06	50	S	8	b	30.10	+	48	0	SSE	3	o	3	-	55	47	o	o	o	o	0.0	
	Nice ...	30.23	47	E	4	c	30.26	-0.01	45	+4	-	0	o	4	Trace	55	41	o	o	o	o	0.0	
	Perpignan ...	30.02	51	SE	3	b	30.02	+0.02	48	0	SE	2	bc	3	-	61	46	o	o	o	o	0.0	
	Sanguinaire ...	29.61	55	SSE																			



**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday. Signals hoisted this morning.

South Cone. North Cone. South Cone. North Cone.

No Warnings Issued.

Western Channel and Bay. 11

- |               |   |
|---------------|---|
| 0 { a }<br>b  | Light or moderate Westerly to Southerly winds; fair generally, but slight showers locally; frost to-night.                            |
| 1 { a }<br>b  |   |
| 2 { a }<br>b  | Light South-Westerly to South-Easterly winds; fair to-day; frost locally to-night; some rain to-morrow.                               |
| 3 { a }<br>b  |   |
| 4 { a }<br>b  | Freshening Easterly and South-Easterly winds; cloudy, misty, some rain to-night or to-morrow; temperature remaining above the normal. |
| 5 { a }<br>b  | Light South-Westerly to Southerly winds; fair generally; frost inland to-night.   |
| 6 { a }<br>b  |   |
| 7 { a }<br>b  | Same as Nos. 4 and 5.   |
| 8 { a }<br>b  | Easterly and South-Easterly winds, strong on coast; cloudy, misty, occasional rain; temperature remaining above the normal.           |
| 9 { a }<br>b  | Same as No. 6 (Mainland).   |
| 10 { a }<br>b | Same as No. 8.  |
| 11 { a }<br>b | Fresh to strong Southerly and South-Easterly winds and a rough sea; mild, cloudy, misty, occasional rain.                             |

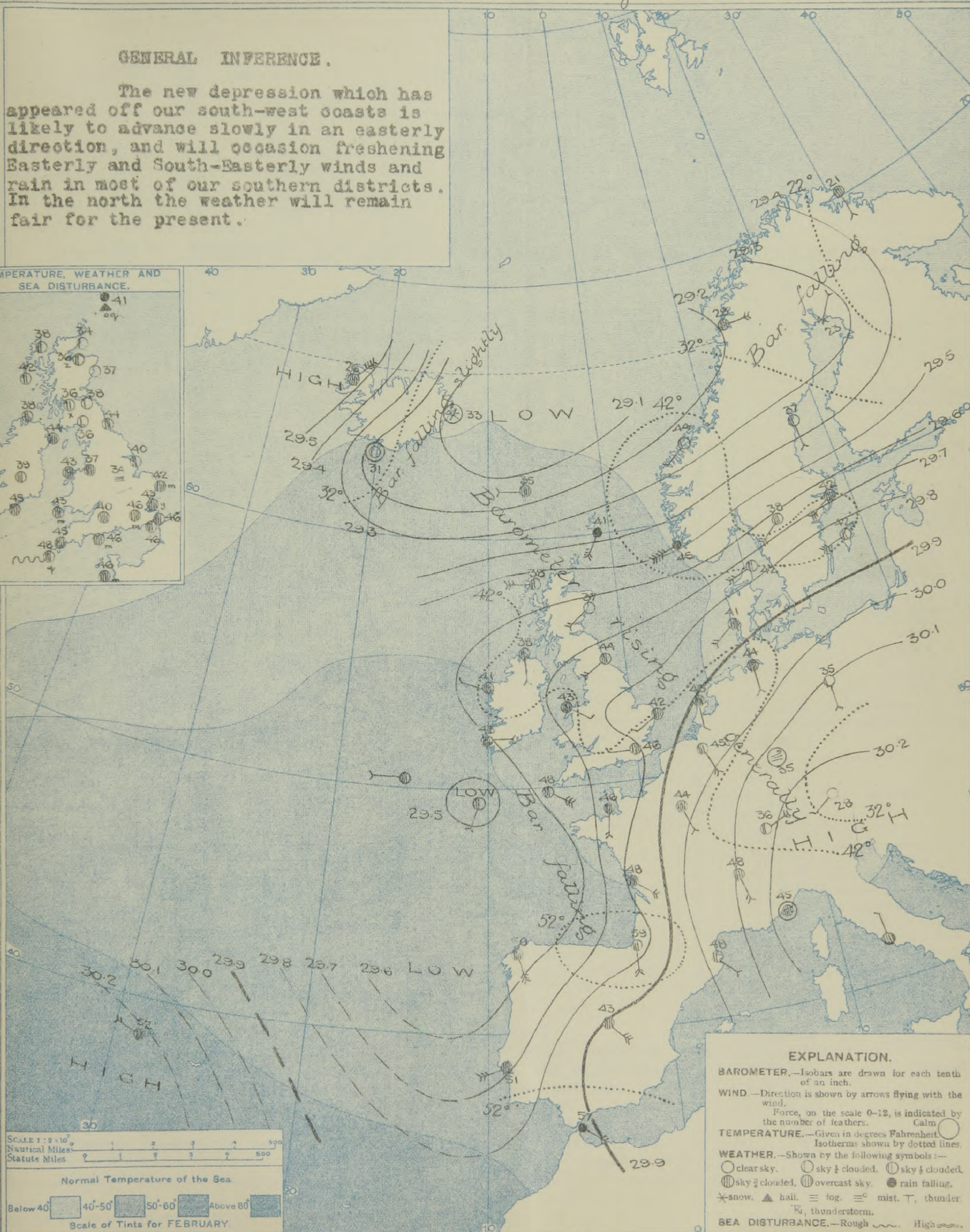
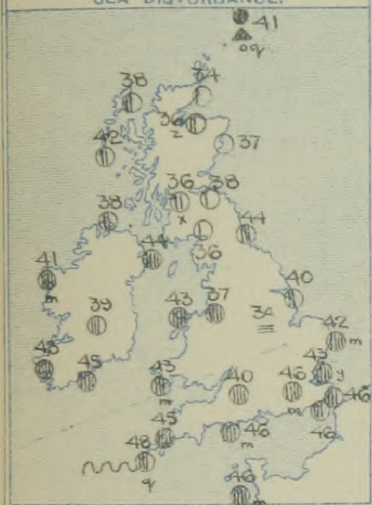
**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., Monday, 9<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The new depression which has appeared off our south-west coasts is likely to advance slowly in an easterly direction, and will occasion freshening Easterly and South-Easterly winds and rain in most of our southern districts. In the north the weather will remain fair for the present.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
 ○ sky ¾ clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 ⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.

SCALE 1:250,000  
 Nautical Miles 0 1 2 3 4 5  
 Statute Miles 0 1 2 3 4 5

Normal Temperature of the Sea.

Below 40 40-50 50-60 Above 60  
 Scale of Tints for FEBRUARY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.	
9th 7am.	50	15	Empress of Britain	O	29.56	.00	W	1-3	C	8th 1pm.	49	9	Montezuma	O	29.47	-	WSW	6-7	b
" "	49	10	Lapland	O	29.47	-.14	SSW	1-3	bc	" 7am.	53	18	California	H	29.03	+ .01	WNW	4-5	C
9th 6pm.	54	12	California	H	29.46	+ .25	NNW	6-7	C	" "	49	14	Marquette	H	29.57	+ .02	WNW	8-9	bc
" "	55	10	Namidian	O	29.25	+ .23	NNW	6-7	C	" "	49	22	Victorian	O	29.25	+ .07	WNW	8-9	O.
										" "	49	21	Haverford	O	29.58	+ .05	WNW	8-9	C

STATIONS.				TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.				Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
				Max.	Min.	Forenoon.	Afternoon.							Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban ... ..	...	In.	F.°	F.°			Hr.	England, S.E.	{ Margate ... ..	...	0.05	51	44	cp	cp	0.0	
	{ St. Andrews ... ..	...				*	*			{ Ramsgate ... ..	...	0.13	47	43	*	*	0.0	
Eng., N.E.	{ Harrogate ... ..	0.02	49	41	bc.b	b.bc	3.3	England, S.E.	{ Folkestone ... ..	...	0.17	48	44	or	or	0.0		
	{ Scarborough ... ..	*	52	43	c.b	c.b	5.3		{ Littlestone ... ..	...	*	*	*	*	*	0.0		
Eng., N.W.	{ Morecambe ... ..	...						England, S.E.	{ Hastings ... ..	...	0.39	49	45	or	op.o	0.0		
	{ Blackpool ... ..	...	-	50	43	c.bc	bc		2.2	{ Bexhill-on-Sea ... ..	...	0.36	48	45	r.o	or	0.0	
Mid- lands.	{ Southport ... ..	0.01	52	43	op.bc	o.bc.b	4.5	England, S.E.	{ Eastbourne ... ..	...	0.41	48	45	or	o	0.0		
	{ Buxton ... ..	...	...	...	...	...	...		{ Seaford ... ..	...	...	...	...	...	...	...		
Wales.	{ Leamington Spa ... ..	0.09	51	44	c.b	o	1.3	England, S.W.	{ Brighton ... ..	...	0.38	48	40	or	r	0.0		
	{ Malvern ... ..	-	50	45	c.bc.b	bc.c.b	1.7		{ Worthing ... ..	...	0.55	48	45	rq	rq	0.0		
England, E.	{ Rhyl ... ..	...	51	41			6.1	England, S.W.	{ Littlehampton ... ..	...	0.37	*	*	*	*	0.0		
	{ Colwyn Bay ... ..	0.07	50	45	bc	bc	5.0		{ Southsea ... ..	...	0.50	49	44	or	or	0.0		
Wales.	{ Llandudno ... ..	0.10	50	47	bc.b	b	4.8	England, S.W.	{ Ryde ... ..	...	0.15	50	45	r	r	0.0		
	{ Bettws y-Coed ... ..	...	...	...	...	...	...		{ Ventnor ... ..	...	0.50	49	44	*	*	0.0		
England, E.	{ Aberystwyth ... ..	0.05	48	44	bcq	bcq	1.1	England, S.W.	{ Bournemouth ... ..	...	0.50	49	45	or	r.o	0.0		
	{ Tenby ... ..	...	...	...	...	...	...		{ Weymouth ... ..	...	0.47	48	46	or	d.o	0.0		
England, E.	{ Skegness ... ..	0.08	48	43	*	*	0.0	England, S.W.	{ Exmouth ... ..	...	...	...	...	...	...			
	{ Lowestoft ... ..	0.06	48	42	c.op.q	or	0.0		{ Teignmouth ... ..	...	0.74	51	46	c	c	0.1		
England, E.	{ Felixstowe ... ..	0.01	47	42	m.op.q	m.orq	0.1	England, S.W.	{ Torquay ... ..	...	0.81	49	45	o	o	0.1		
	{ Walton-on-Naze ... ..	0.11	45	42	cp.c	cp.cr	0.0		{ Paignton ... ..	...	0.77	51	46	o.bc	o	0.2		
England, E.	{ Southend-on-Sea ... ..	0.09	48	43	p	p	0.0	England, S.W.	{ Falmouth ... ..	...	0.45	49	45	q	o.o	0.0		
									{ Bude ... ..	...	0.24	51	45	c	*	0.0		
									{ Ilfracombe ... ..	...	0.20	50	46	o	o	0.2		
									{ Weston-super-Mare ... ..	...	0.20	49	43	c.b.bc	c.	0.3		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

29th Jan. Feb. 1914.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	... ..	7.24	12.7	4.50
		7.22	12.7	4.52
Greenwich	... ..	7.28	12.14	5.0
		7.26	12.14	5.2
Wick	... ..	8.3	12.26	4.48
		8.0	12.26	4.51
Valencia	... ..	8.10	12.35	5.40
		8.8	12.35	5.45

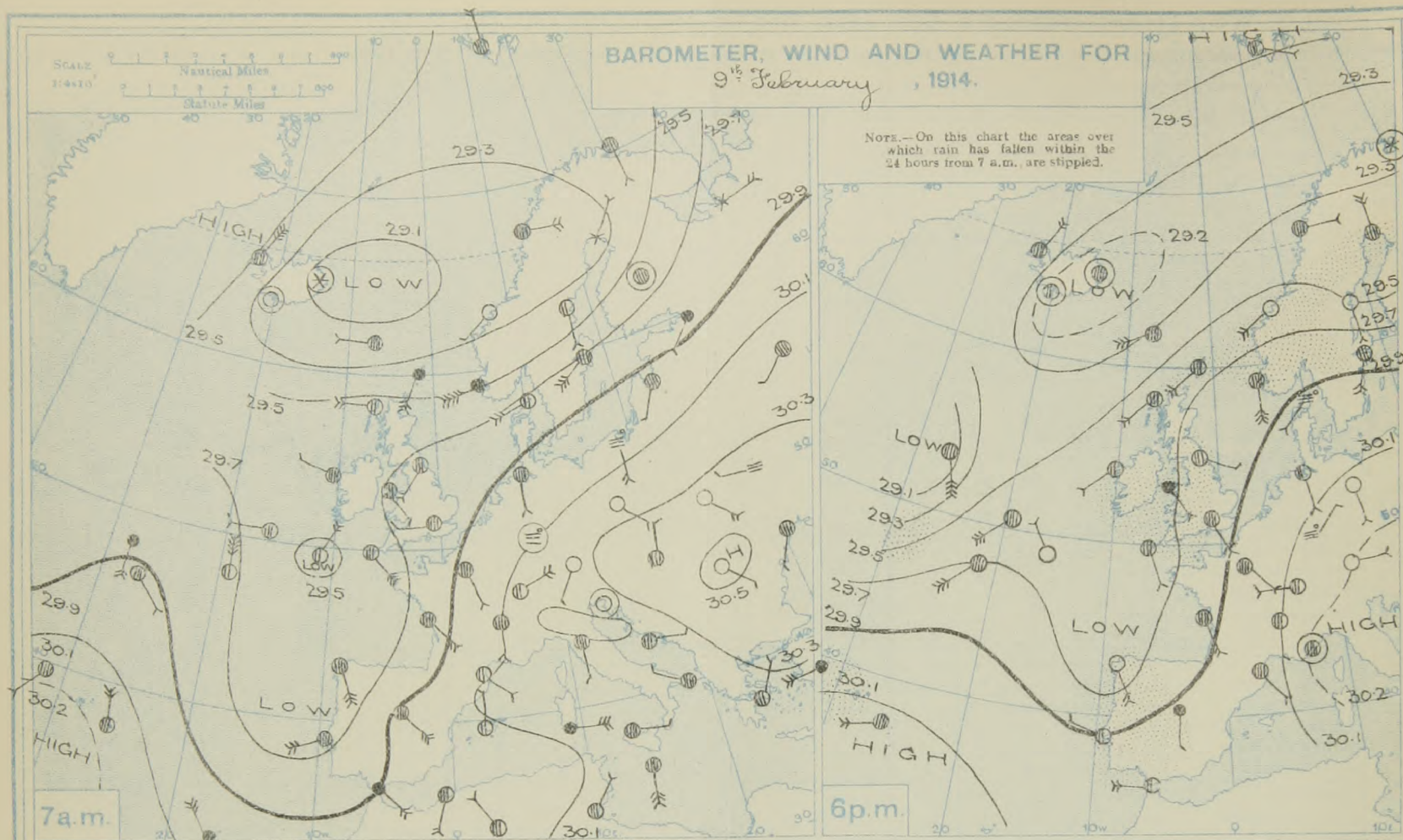
The thermometer rose to 50° or a trifle above it in several parts of the United Kingdom. Scarcely any bright sunshine was recorded in the south-east of England, but at some of our western and northern stations the amount was considerable. Rain fell in nearly all districts. Wireless reports show that as far west as the 18th meridian ships experienced North-Westerly winds, fresh to a gale in force, with fair weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
10th February, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for yester- day.
		BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since yester- day.	Dirac.	Force (0 to 12).				Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	F.				In.	In.	F.							In.	F.	F.				Hours.
BRITISH ISLANDS.	Lerwick ...	29.60	42	SW	4	cq	29.54	-.02	41	0	S	2	c	1	0.10	44	37	cps bc	cqb	o. bc. c	*	
	Stornoway ...	29.62	41	SW	4	c	29.50	-.03	42	+4	SSW	6	c	5	0.12	44	37	bcp	bcp	o. cp	3.5	
	Castlebay (Barra Isd.)	29.60	44	S	4	o	29.47	-.03	44	+2	S	4	o	4	0.03	47	41	bc. o	o	p. o	0.7	
	Glasgow ...	29.68	38	EME	2	o	29.62	.00	43	+7	SW	2	o	*	0.11	43	35	f. c. o	op	op. oq	0.0	
	Eskdalemuir ...	29.71	39	-	0	r	29.67	-.01	43	+7	SSW	5	o	*	0.20	43	30	b. bc	c. o	or. b. o	0.0	
	Malin Head ...	29.61	42	SSW	2	c	29.51	.00	39	+1	SSW	2	bc	1	-	42	36	cg	cmg	bc. m	*	
	Blackisd Point ...	29.58	44	SW	2	bc	29.45	-.02	45	+4	SW	5	cgq	4	Trace	46	39	om. bc	bcz	bc. oq	*	
	Valencia ...	29.60	45	-	0	cv	29.56	-.01	46	+3	S	3	o	4	0.03	48	36	cv	cv	c. b	1.1	
	Roche's Point ...	29.60	47	SSW	1	bc	29.64	*	45	0	SSW	1	o	3	0.45	49	39	r. bc	o. b. bc. m	o. c	*	
	Birr Castle ...	29.58	41	-	0	f	29.59	*	37	-2	S	1	bc	*	0.27	42	36	or	or. bc	bc	0.0	
	Donaghadee ...	29.64	42	S	2	omr	29.62	.00	39	-5	S	2	bc	2	0.19	45	37	cp	omr	off. bc	*	
	Liverpool Obsy. ...	29.63	45	SE	3	r	29.71	.00	45	+8	SE	2	b	2	0.07	47	37	o. c	od	bc	0.0	
	Holyhead ...	29.67	45	SE	2	ogr	29.67	.00	47	+4	SSE	4	ogm	3	0.18	47	42	cg	cgr	ogd	0.0	
	Pembroke (St. Ann's Hd.)	29.64	46	SSE	3	c	29.70	+0.1	47	+4	S	4	c	3	0.15	47	43	cm	cmv	cpm	0.0	
	Newquay ...	29.65	49	SSE	2	omr	29.75	+0.2	46	+1	S	3	bcw	3	0.10	50	44	o. od	omd. r	or. c. bc	0.0	
	Scilly (St. Mary's) ...	29.62	50	SSE	2	cmp	29.70	.00	49	+1	S	4	bc	4	0.05	52	47	cmp	cmp	cm. b	0.0	
	Jersey (St. Aubin) ...	29.77	49	SE	3	o	29.88	*	45	-1	S	2	b	2	Trace	49	45	c. om	o	c. bcw	0.0	
	Portland Bill ...	29.72	47	SSE	3	c	29.80	+0.05	47	+1	SSW	3	c	3	0.03	49	45	ep	c. bc	c. bc. c	*	
	Dungeness ...	29.85	47	SSW	3	c	29.89	+0.2	45	-1	S	3	bc	3	-	48	44	c	c	c. bcw	*	
	Dover ...	29.83	48	S	5	c	29.92	*	45	-1	SSW	5	b	2	-	47	45	c	c	c. bc. b	0.4	
	Wick ...	29.66	40	SSW	3	o	29.56	-.01	40	-6	SSW	3	bcm	3	-	42	33	b. bc	og	bm. bcm	*	
	Nairn ...	29.67	39	-	0	o	29.57	*	33	-3	SW	1	bc	1	-	42	30	bcz	og	cx	2.1	
	Aberdeen ...	29.72	41	SSW	2	o	29.63	-.01	36	-1	SSE	1	om	2	0.08	44	34	b. o	o	or. om	1.5	
	Leith ...	29.67	42	SE	1	o	29.61	-.02	45	+7	SSW	2	c	*	0.02	46	37	c	og. od	od	*	
	North Shields ...	29.72	44	ESE	1	c	29.69	.00	46	+2	SSW	2	c	2	0.03	48	43	o	cz	r. o. c	0.0	
	Spurn Head ...	29.75	44	SSE	4	o	29.74	.00	44	+4	SSW	4	c	2	Trace	45	38	cmv	c. om	cp	1.5	
	Yarmouth ...	29.84	44	S	2	c	29.86	.00	43	+1	SSW	3	c	2	-	47	40	o. cmp	c. bc	bc. c	0.3	
	Clacton-on-Sea ...	29.82	43	SSE	2	c	29.87	+0.1	43	0	SSE	2	c	2	-	45	42	og. c	c	o. bc. c	0.8	
	Nottingham ...	29.74	49	SSE	2	o	29.78	*	47	+13	SSW	2	c	*	0.01	51	33	fm. c	cp. o	o	0.4	
	Bath ...	29.74	50	S	3	o	29.82	*	49	+9	SSW	2	o	*	Trace	53	40	m. o	og	op	0.1	
	London (Kew Obsy.) ...	29.81	50	SSE	3	o	29.85	+0.1	44	-2	SSE	1	bm	*	Trace	53	44	om. c. om	om. o	o. c. bc. m	0.5	
ICELAND, FAEROE, &c.	Spitzbergen ...	29.52	14	SE	2	c	29.50	.00	14	+3	N	1	o	*	-	14	-27	GALES Duration and Extreme Force in British Islands				
	Isafjord ...	29.40	26	NE	4	o	29.10	-.01	32	+6	E	5	c	*	*	*	*					
	Reykjavik ...	29.24	30	-	0	c	28.96	-.12	33	+2	E	5	c	*	*	*	*					
	Vestmanna ...	29.17	32	-	0	bc	28.93	-.07	36	+5	SE	6	bc	2	*	*	*					
	Seydisfjord ...	29.17	35	-	0	o	29.20	-.01	32	-1	-	0	b	*	*	*	*					
SCANDINAVIA.	Thorshavn ...	29.36	39	WSW	6	o	29.36	-.03	37	+2	SSW	1	bc	*	*	*	*					
	Haparanda ...	29.36	12	N	4	o	29.78	+0.03	3	-20	SW	2	o	*	0.08	23	3					
	Hernösand ...	29.50	41	S	2	b	29.80	-.02	32	-5	S	2	c	*	-	39	30					
	Stockholm ...	29.81	43	SW	4	c	29.95	-.01	36	-6	WSW	2	o	*	-	46	34					
	Wisby ...	29.95	44	WSW	6	b	30.03	-.02	39	-3	S	2	c	*	-	45	36					
	Karlstad ...	29.85	39	SW	4	b	29.88	-.04	36	-2	S	2	r	*	0.04	43	32					
	Vardö ...	29.23	21	-	0	s	29.39	+0.4	22	+1	NW	9	s	5	?	22	10					
	Bodö ...	29.33	28	E	2	o	29.50	+0.2	32	+4	E	4	bc	2	?	32	25					
	Christiansund ...	29.56	42	SW	4	b	29.62	.00	41	-3	-	0	o	4	0.20	44	37					
	Skudesnaes ...	29.80	42	SSE	6	o	29.73	-.04	43	-2	S	6	f	4	0.16	45	39					
GERMANY, &c.	Færder (X'anta Fjord)	29.86	40	SW	2	b	29.79	-.05	40	-1	S	2	r	2	-	41	39					
	The Scaw (Skagen) ...	29.96	41	SW	2	m	29.84	-.04	41	-1	SSW	4	m	1	Trace	46	37					
	Blaavands Huk ...	29.97	40	S	1	m	29.94	-.01	41	0	SSW	3	m	2	-	41	37					
	Cuxhaven ...	30.00	43	S	2	bc	30.00	.00	40	-4	S	2	m	0	-	50	39					
	Berlin ...	30.12	45	S	2	b	30.17	+0.1	33	-2	S	2	b	*	-	52	34					
	Frankfurt ...	30.12	43	NE	1	m	30.19	+0.2	34	-1	SE	1	m	*	-	48	34					
	Munich ...	30.20	30	E	2	b	30.29	+0.2	23	-5	SSW	2	b	*	-	41	21					
	The Helder ...	29.93	42	S	1	c	29.95	+0.1	39	-4	S	2	b	1	-	50	39					
	Brussels ...	29.97	48	SSE	4	o	29.99	+0.3	43	-2	SE	1	bc	*	-	52	41					
	C. Gns Nez ...	29.87	50	SSE	5	c	29.90	+0.1	47	-2	S	5	bc	3	-	52	46					
FRANCE.	La Hève ...	29.84	52	SE	4	o	29.90	*	48	0	S	4	o	3	-	54	45					
	Ushant ...	29.65	50	SE	3	o	29.76	*	50	+1	S	4	b	5	-	50	45					
	Brest (St. Mathieu) ...	29.69	50	SE	3	o	29.84	+0.4	47	-1	SSE	3	b	5	-	54	46					
	Lorient (Bec Melen) ...	29.81	50	SSE	3	o	29.97	+0.4	46	-2	SSE	4	bc	*	-	54	46					
	Rochefort (Ile d' Aix)	29.80	59	SSE	3	c	30.02	+0.5	53	-6	SSW	3	b	5	-	61	52					
	Biarritz ...	29.80	59	SSE	3	c	30.02	+0.5	53	-6	SSW	3	b	5	-	61	52					
	Paris ...	29.93	46	SE	2	b	30.02	+0.4	42	-2	SSE	2	b	*	-	55	41					
	Belfort ...	30.11	44	W	2	c	30.19	*	40	+4	-	0	o	*	-	52	35					
	Lyons ...	30.04	51	S	2	c	30.21	*	44	-4	NE	1	o	*	-	58	43					
	Nice ...	30.21	49	-	0	o	30.21	+0.2	48	+3	E	4	o	4	-	54	41					
SPAIN, PORTUGAL, &c.	Perpignan ...	30.00	51	SE	2	o	30.04	+0.4	45	-3	SW	1	bc	*	-	62	43					
	Sanguinaire ...	30.24	53	SW	3	o	30.24	*	53	+4	S	2	o	2	-	54	49					
	Corunna (8 a.m.) ...	29.65	55	SSE</																		



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**No Warnings Issued.**

- 0 { a } Southerly and South-Westerly winds, increasing in force; fair at first, some rain later; milder.  
 { b } Southerly winds, freshening; fair to-day, showery to-morrow; milder.

2 { a } Southerly and South-Westerly winds, light or moderate; fair; mild.  
 { b }

4 { a } Same as No. 0.  
 { b }

6 { a } Southerly winds, freshening; fair to-day, showery to-morrow; continuing mild.  
 { b }

8 { a } Same as No. 0.  
 { b }

10 { a } Moderate to fresh Southerly winds and a rather rough sea; fair to-day, equally and showery to-morrow; continuing mild.  
 { b }

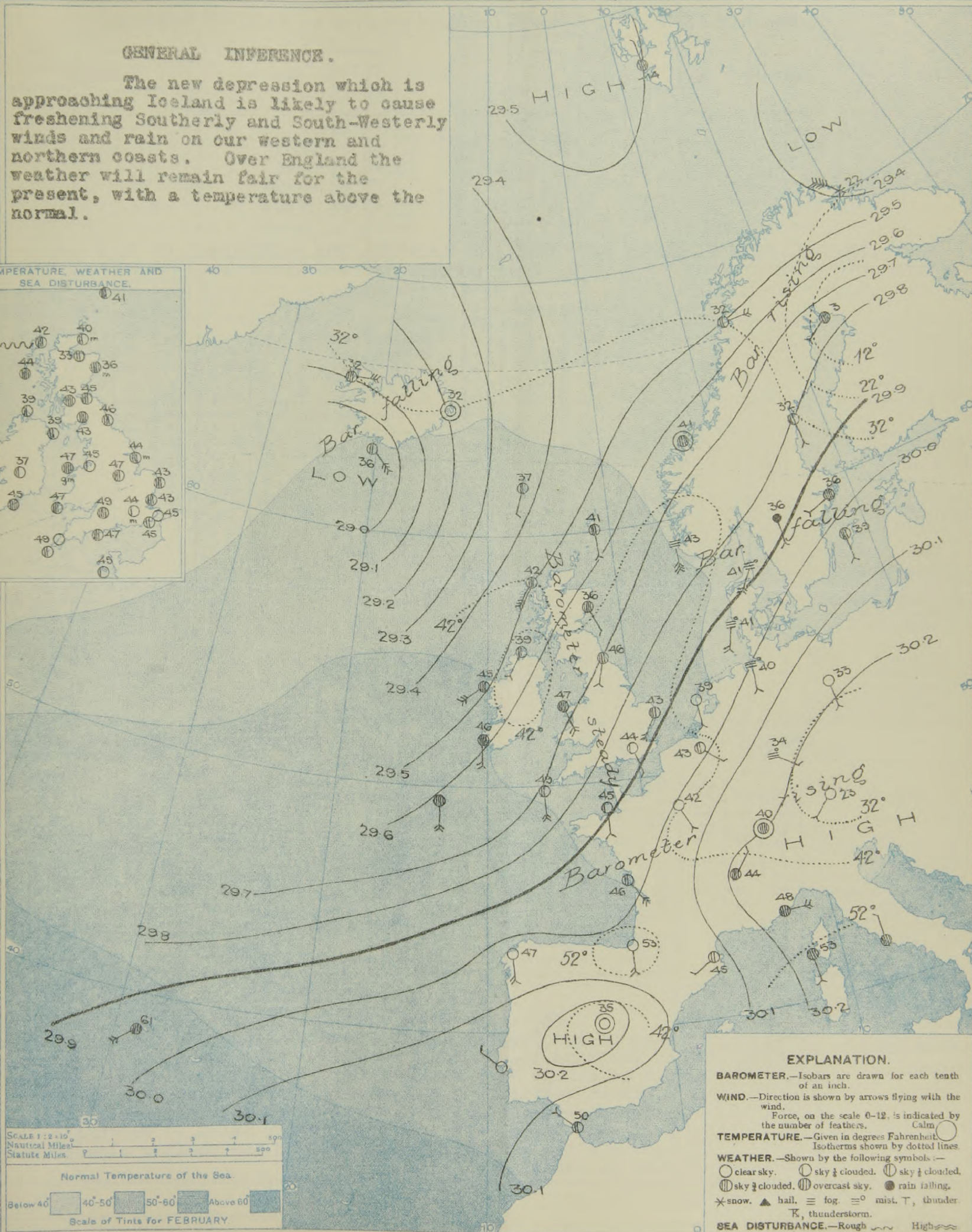
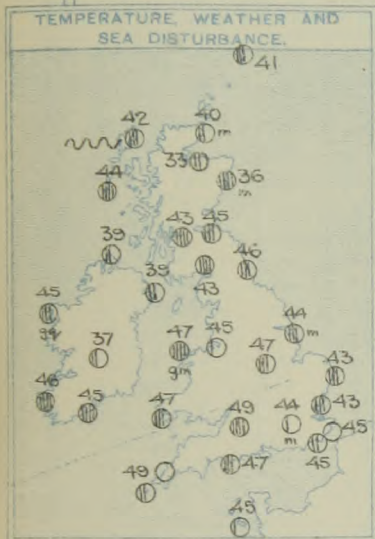
**FURTHER OUTLOOK.**

Western Channel and Bay. 11

# SYNOPTIC CHART FOR 7 a.m., Tuesday, 10<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The new depression which is approaching Iceland is likely to cause freshening Southerly and South-Westerly winds and rain on our western and northern coasts. Over England the weather will remain fair for the present, with a temperature above the normal.



## EXPLANATION.

- BAROMETER.**—Isobars are drawn for each tenth of an inch.
- WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
 clear sky. sky  $\frac{1}{4}$  clouded. sky  $\frac{1}{2}$  clouded. sky  $\frac{3}{4}$  clouded. overcast sky. rain falling.  
 snow. hail. fog. mist. thunder.  
 K, thunderstorm.
- SEA DISTURBANCE.**—Rough High

## DAILY WEATHER REPORT.

Tuesday, 10th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward or Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward or Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
10th Jan. 9th 6 p.m.	49 53	12 25	Olympic	H	In. 29.61	-0.03	SSE	3-9	0	9th 1 p.m.	49 11	11	Corinthian	H	In. 29.45	-0.01	S	4-5	b
" "	48 20	" "	Columbia	H	29.05	-0.26	SSE	8-9	0	" 7 a.m.	48 26	" "	Haverford	H	29.83	-0.03	SSW	4-5	r
" "	49 19	" "	Olympic	H	29.70	-0.06	SW	6-7	0	" "	47 25	" "	Olympic	H	29.93	-0.03	SE	1-3	c
" "	50 19	" "	Mount Temple	H	?	-0.06	WSW	6-7	0	" "	49 19	" "	Marquette	H	29.75	+0.07	N	8-9	bc
" "	50 19	" "	Empress of Britain	H	29.51	-0.12	SW	6-7	0	" "	49 17	" "	Mount Temple	H	?	+0.01	N	4-5	b
" "	49 50	" "	Campania	H	29.66	-0.07	SW	6-7	0	" "	50 15	" "	Campania	H	29.74	+0.03	W	12	b
" "	49 50	" "	Lapland	H	29.65	+0.02	NW	1-3	0	" "	49 11	" "	Memomine	H	29.57	+0.01	NE	4-5	bc
" "	49 8	" "	Memomine	H	?	+0.02	SE	4-5	0	" "	" "	" "	" "	" "	" "	" "	" "	" "	" "

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot-land. (Oban ...)	In. 0.05	F. 43	F. 37	bc.	cr	0.1	Margate ...	In. 0.02	F. 50	F. 46	bc.c	c.bc	0.7
(St. Andrews ...)	"	45	33	"	"	1.3	Ramsgate ...	0.03	?	44	"	"	1.1
Engl. N.E. (Harrogate ...)	"	45	34	bc	cgp	0.1	Folkestone ...	"	48	43	b.bc	o.bc	0.2
(Scarborough ...)	"	51	37	bc	bc	5.2	Littlestone ...	"	"	"	"	"	0.9
Engl. N.W. (Morecambe ...)	0.11	49	38	bc.o	o.r	0.0	Hastings ...	0.15	48	44	o.r.c	c.o	0.2
(Blackpool ...)	0.14	47	37	m.o.c	or	0.0	Bexhill-on-Sea ...	0.14	47	44	o.c.bc	c.o	0.3
(Southport ...)	0.09	47	37	bc.o	or	0.0	Eastbourne ...	0.15	48	45	bc.o	o	0.3
Mid-lands. (Buxton ...)	"	45	32	"	"	0.1	Seaford ...	0.20	50	44	o.b	o	0.8
(Leamington Spa ...)	"	50	31	o	o	0.0	Brighton ...	0.25	50	45	o.c.o	of	0.5
(Malvern ...)	"	48	39	?	?	0.0	Worthing ...	0.22	48	45	c	c	0.6
Wales. (Rhyl ...)	0.03	48	37	o	or	0.0	Littlehampton ...	0.08	"	"	"	"	0.7
(Colwyn Bay ...)	0.05	48	43	"	d	0.0	Southsea ...	0.15	50	45	bc	c	1.2
(Llandudno ...)	0.07	47	43	o	or	0.0	Ryde ...	0.30	52	48	"	"	1.5
(Bettws y-Coed ...)	"	"	"	"	"	"	Ventnor ...	0.16	50	43	"	"	1.5
(Aberystwyth ...)	0.05	50	39	o.c.o	o.or	0.0	Bournemouth ...	"	49	43	c.o	o	0.2
(Tenby ...)	0.20	47	43	or	p	0.0	Hythe ...	0.01	49	42	bc.o	o.bc	0.6
(Skegness ...)	"	46	35	"	"	0.0	Weymouth ...	0.06	49	43	o.d	o.g	0.0
(Lowestoft ...)	"	45	42	o.c	c.o	0.2	Exmouth ...	0.01	49	44	p.c.bc	g.c.b	0.0
(Felixstowe ...)	0.08	46	42	m.o.bc	bc.m.c	1.0	Teignmouth ...	0.02	49	44	o.r	o.r	0.0
(Walton-on-Naze ...)	0.12	45	41	cm.bc.c	c.cm	1.2	Torquay ...	0.02	50	43	o	p.o	0.1
(Southend-on-Sea ...)	0.11	51	43	bc	c.bc	1.0	Paignton ...	0.04	50	40	op.r	r.o	0.2
							Falmouth ...	0.13	49	39	o.r	d	0.0
							Bude ...	"	52	43	o	o	0.0
							Ifracombe ...	0.04	51	41	o	or	0.0
							Weston-super-Mare ...	"	51	39	o.c	cr.c	0.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	76	88	0.3	55	43	35	"	o	o	bc.b
City (Bunhill Row) ...	"	"	0.0	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	78	89	0.9	53	46	37	"	c	c	bc.b
Camden Sq. (Brit. Rainfall)	75	88	0.5	53	44	37	"	o.g.m.c	o	"
Hampstead (Reservoir) ...	"	92	0.0	51	44	32	"	c.o	o	c.b
Richmond Park ...	"	"	0.8	"	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)				Total.		Average Rate.		Max. Rate.		
				76		7.2 Milliwatts.		27.5 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Sun- shine for Yester- day.
		Max.	Min.					
Dublin to 4 p.m.	0.20	44	40	37	b.og	og.rg	org	Hr.
Plymouth to 9 p.m.	0.04	50	42	39	or	c.b	or	0.0
Darwen "	0.28	45	35	31	bc	bc.o	o.r	0.0
Manchester "	"	48	34	24	c	o	o	0.0
Birmingham "	"	48	34	24	c	o	o	0.0
Oxford to 8 p.m.	"	52	39	31	o.g.f	og.o	o.c	"
S. Kensington (Museum Grounds to 6 p.m.)	0.03	53	46	40	o.d.m.o	o	o	"

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

10th Feb. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.22	12.7	4.52
	7.20	12.7	4.54
Greenwich ...	7.26	12.14	5.2
	7.24	12.14	5.4
Wick ...	8.0	12.26	4.51
	7.57	12.26	4.54
Valencia ...	8.8	12.55	5.42
	8.6	12.55	5.44

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° or slightly above it at many of our Central and Southern stations; in the north and west of Scotland it did not reach 45°. The amount of bright sunshine was as a rule very small. Rain fell at most of our western and northern stations. Wireless reports show that between the Irish coasts and the 10th meridian ships experienced strong Northerly winds, with partially clear skies. Further to the westward the wind was Southerly, and the weather cloudy, with rain in places.

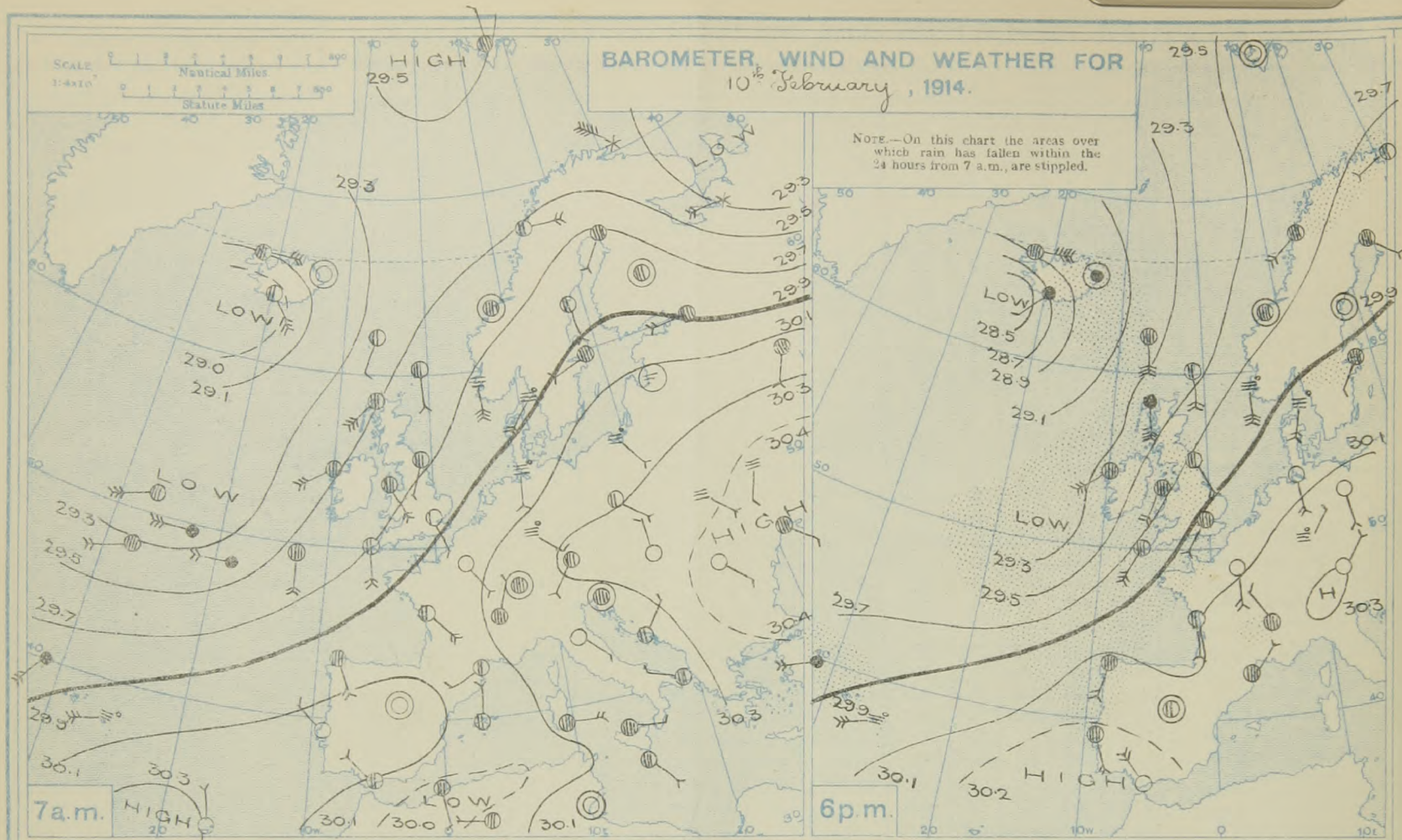
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

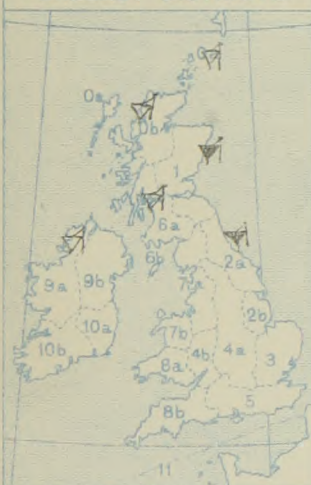
Wednesday,  
11th February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day	
	BAROM. TEMP.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.					
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).				Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
																					Hours.	
BRITISH ISLANDS.	Lerwick	29.45	45	SSE	4	bc		29.26	-0.8	46	+5	SSE	6	omg	5	0.02	46	41	c	c.bc	or.c	*
	Stornoway	29.35	46	S	7	ogp		28.90	-1.6	45	+3	SSE	7	adp	5	0.20	45	40	cq	c.ogp	opq	1.1
	Castlebay (Barra Isd.)	29.26	47	S	8	op		28.84	-1.2	44	0	W	8	op	6	0.49	47	43	op	op.b.p	op	0.1
	Glasgow	29.56	47	S	4	og		29.11	-1.4	43	0	S	6	rq	*	0.01	49	41	c.op	op	c.c.ogp	0.5
	Eskdalemuir	29.64	44	SSW	6	o		29.23	-1.1	40	-3	S	5	org	*	0.44	46	39	o	omr	r.d.o.og	0.0
	Malin Head	29.31	44	SW	4	c		29.01	+1.6	42	+3	W	8	bc	7	0.08	42	38	omg	cmgp	bc.gp	*
	Blackod Point	29.33	49	SW	6	ogp		29.17	+1.0	45	0	W	6	cq	5	0.80	48	40	ogp	ogp	ompg	*
	Valencia	29.37	49	SSE	4	gmr		29.37	+0.9	45	-1	SSW	5	b	5	1.31	52	42	omr	omr	tm.c.b	0.0
	Roche's Point	29.53	48	SSW	6	r		29.45	*	43	-2	WSW	1	b	5	0.60	48	43	om	or	r.b	*
	Birr Castle	29.48	46	SSE	3	c		29.35	*	41	+4	SW	2	b	*	0.19	49	36	c	c	or.b	0.3
	Donaghadee	29.53	47	SSW	3	c		29.19	+1.0	45	+6	W	5	cq	4	0.24	49	39	c	c	omr.cq	*
	Liverpool Obsy.	29.72	48	S	3	b		29.37	-0.5	45	0	SSE	5	og	4	0.06	53	44	bc	bc	opq	5.1
	Holyhead	29.66	47	SSW	4	ogm		29.41	+1.2	47	0	W	6	bcq	7	0.32	50	44	op.f.cm	c.ogp	b.bc.or	0.7
	Pembroke (St. Ann's Hd.)	29.70	46	SSW	5	c		29.49	+0.5	47	0	W	6	bcq	6	0.50	49	44	c	cq	cqgp	2.7
	Newquay	29.75	46	S	3	bc		29.57	+1.0	47	+1	W	1	o	4	0.30	52	45	b.bc	c	c.ogp	3.0
	Scilly (St. Mary's)	29.71	49	SSW	5	cmgp		29.56	+0.3	48	-1	WNW	4	cq	5	0.28	52	46	bc	cmgp	cm.orm	4.1
	Jersey (St. Aubin)	29.95	50	SSW	3	eg		29.75	*	46	+1	SSE	3	ogrm	3	0.17	54	44	bc.c.b	bc	c.ogrm	6.6
	Portland Bill	29.86	48	S	4	cp		29.63	-0.4	46	-1	SSW	8	or	6	0.20	51	44	bc.c.om	oe	bc.c.r	*
	Dungeness	29.96	47	S	3	bc		29.81	-0.1	46	+1	S	5	c	5	-	50	45	c.b.c	c.b.c	c.b.c	*
	Dover	29.95	47	SW	4	b		29.79	*	45	0	SSW	6	bc	5	Trace	49	43	b.b.c.b	b.b.c.b	b.b.c.b	5.4
	Wick	29.43	46	SSW	3	c		29.09	-1.6	45	+5	SE	4	ogm	5	Trace	46	39	bc.cm	cm	omgpd	*
	Nairn	29.44	47	SW	3	c		29.00	*	46	+13	SW	6	og	4	-	50	31	c3	bcq	cq	4.0
	Aberdeen	29.56	46	SSE	4	o		29.21	-2.3	44	+8	SSE	5	org	4	0.05	49	35	b.b.c	c.op	org	2.7
	Leith	29.55	50	S	3	c		29.14	-1.7	44	-1	SE	5	cpq	*	0.01	52	43	c	cp	c.op	*
	North Shields	29.70	50	S	3	c		29.35	-0.5	44	-2	SSE	5	r	3	0.06	55	44	c	c	c.or	*
	Spurn Head	29.80	47	S	3	bc		29.55	-0.9	45	+1	S	6	or	5	0.07	53	37	bc	bc	b.bc	6.3
	Yarmouth	29.92	46	S	2	bm		29.77	-0.6	44	+1	S	4	bcq	2	-	53	41	b	bm	bc.bmq	7.1
	Clacton-on-Sea	29.92	45	SSW	2	b		29.77	-0.3	44	+1	S	4	c	3	-	52	42	c.b.c	bc.b	b.b.c.c	8.0
	Nottingham	29.82	50	S	3	b		29.55	*	46	-1	S	7	op	*	0.06	55	45	c.b.c	bc.b	b	2.0
	Bath	29.85	50	S	4	o		29.62	*	46	-3	SW	7	r	*	0.13	56	45	o.b.c.b	b.b.c.0	o.b.c.g	6.7
	London (Kew Obsy.)	29.91	50	SSW	2	o		29.72	-0.1	47	+3	SSW	4	org	*	0.01	54	43	bm.om.b	b.b.c.b.c	o.b.org	3.8
ICELAND, FAEROE, &c.	Spitzbergen	29.51	-28	-	0	b		29.51	+0.1	-29	-15	-	0	b	*	-	-13	-36	GALES.			
	Isafjord	29.93	35	E	9	o		28.86	+0.3	30	-2	NE	9	o	*	-	-	-	Duration and Extreme Force in British Islands			
	Reykjavik	28.50	40	E	9	o		28.78	+0.6	33	0	ESE	1	o	*	-	-	-	Castlebay			
	Vestmanna	28.53	35	SW	1	r		28.80	+0.4	35	-1	SW	3	b	3	-	-	-	Midt - Tom.			W. 8.
	Seydisfjord	28.97	36	-	0	r		28.89	+0.6	38	+6	W	1	b	*	-	-	-	Malin Head			
SCANDINAVIA.	Thorshavn	29.15	43	S	6	o		28.98	-1.7	44	+7	ESE	5	r	*	-	-	-	3am - Tom			W. 9.
	Haparanda	29.86	7	SE	2	o		29.88	-0.0	18	+15	-	0	f	*	-	19	3	Roche's Point			
	Hernösand	29.76	28	-	0	b		29.88	-0.0	19	-13	SW	2	b	*	-	34	18	11pm - Early morning			S. 9 at 11pm
	Stockholm	29.91	42	SW	2	o		29.97	+0.1	40	+4	WSW	2	o	*	0.08	43	34	Pembroke			
	Wisby	30.01	42	SSW	4	o		30.03	+0.1	39	0	SW	2	b	*	-	46	37	Midt - 4am.			SSE. 9 at 2am.
	Karlstad	29.91	39	SW	2	f		29.95	+0.2	37	+1	-	0	f	*	0.12	41	36	Scilly			
	Vardö	29.78	20	WSW	2	bc		29.50	-0.8	22	0	SSW	4	o	3	-	25	16	1am - 3am.			SSW. 8
	Bodö	29.58	37	SW	4	o		29.58	-0.3	36	+4	ESE	3	r	2	0.28	37	30	1am.			gust 57 mph (10)
	Christiansund	29.66	39	-	0	o		29.60	-0.1	44	+3	-	0	c	3	-	41	39	Portland Bill			
	Skudesnaes	29.82	44	SSE	6	m		29.67	-0.5	45	+2	SSE	6	c	4	-	45	43	3am - Tom.			SSW. 8.
GERMANY, &c.	Færder (X'ania Fjord)	29.80	40	SSW	2	f		29.90	-0.0	39	-1	SSE	2	f	2	0.20	40	39	Bath			
	The Scaw (Skagen)	29.93	42	SSW	4	m		29.92	-0.0	40	-1	SSW	4	f	1	-	43	39	3am.			SW. 9.
	Blavands Huk	30.00	41	SSW	3	m		29.94	-0.2	39	-2	SSW	2	m	1	-	41	37	Holyhead			
	Cuxhaven	30.04	43	S	3	b		30.02	-0.1	36	-4	S	3	m	0	-	54	36	4am.			SSE. 9 gusts 62 mph (10)
	Berlin	30.18	41	S	2	b		30.18	+0.1	31	-2	S	1	b	*	-	54	36				
	Frankfurt	30.21	43	NE	1	m		30.19	-0.1	37	+3	NE	1	m	*	-	46	34				
	Munich	30.30	31	NE	2	b		30.33	+0.1	23	0	SSE	2	b	*	-	39	21				
	The Helder	30.00	44	SSW	2	b		29.91	-0.3	40	+1	SSE	4	b	1	-	50	37				
	Brussels	30.06	47	SSE	3	c		29.98	-0.3	41	-2	SSE	4	bc	*	-	53	41				
	C. Gris Nez	29.98	48	SSW	5	bc		29.84	-0.4	46	-1	S	6	c	4	-	54	45				
FRANCE.	La Hève	29.97	51	SSW	4	bc		29.82	-0.4	46	-2	S	5	o	4	-	55	41				
	Ushant	29.84	50	SW	6	o		29.57	*	50	0	S	4	o	5	0.24	52	45				
	Brest (St. Mathieu)	29.93	48	SSW	4	o		29.64	-0.4	48	+1	SSW	5	r	5	0.63	54	45				
	Lorient (Bec Melen)	29.94	48	SW	3	o		29.69	*	48	0	SSW	6	r	6	0.63	54	43				
	Rochefort (Ile d'Aix)	30.10	48	S	2	bc		29.93	-0.3	47	+1	S	4	o	4	-	54	43				
	Biarritz	30.08	53	E	1	b		30.00	-0.1	54	+1	SW	4	bc	3	-	59	48				
	Paris	30.10	48	S	2	b		29.99	-0.5	40	-2	SSE	2	b	*	-	59	36				
	Belfort	30.23	45	WSW	3	m		30.22	*	39	-1	E	2	b	*	-	49	34				
	Lyons	30.23	46	NW	1	o		30.17	*	46	+2	ESE	1	o	*	0.20	48	44				
	Nice	30.17	53	NE	2	o		30.12	-0.2	40	-5	SW	2	b	*	-	59	39				
SPAIN, PORTUGAL, &c.	Perpignan	30.23	56	E	2	c		30.27	*	53												



## FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

### FORECAST DISTRICTS.



### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.

**SOUTH CONE HOISTED**  
at 7 p.m. yesterday  
in Districts 0, 6 and 9  
at 8.45 a.m. today  
in Districts 1 and 2.

Western Channel and Bay. 11

0 }  
1 } Southerly to South-Westerly winds, strong, a gale in places; squally, showery; becoming cooler.  
2 }  
3 }  
4 }  
5 }

6 }  
7 } South-Westerly to Westerly winds, strong or high in force; squally, showery, some fine intervals; becoming temporarily cooler.  
8 }  
9 }  
10 }

11 } Westerly and South-Westerly winds, strong, a gale in places; squally, showery, some fine intervals; cooler.

Strong South-Westerly to Westerly winds and a rough sea; squally, showery; becoming cooler.

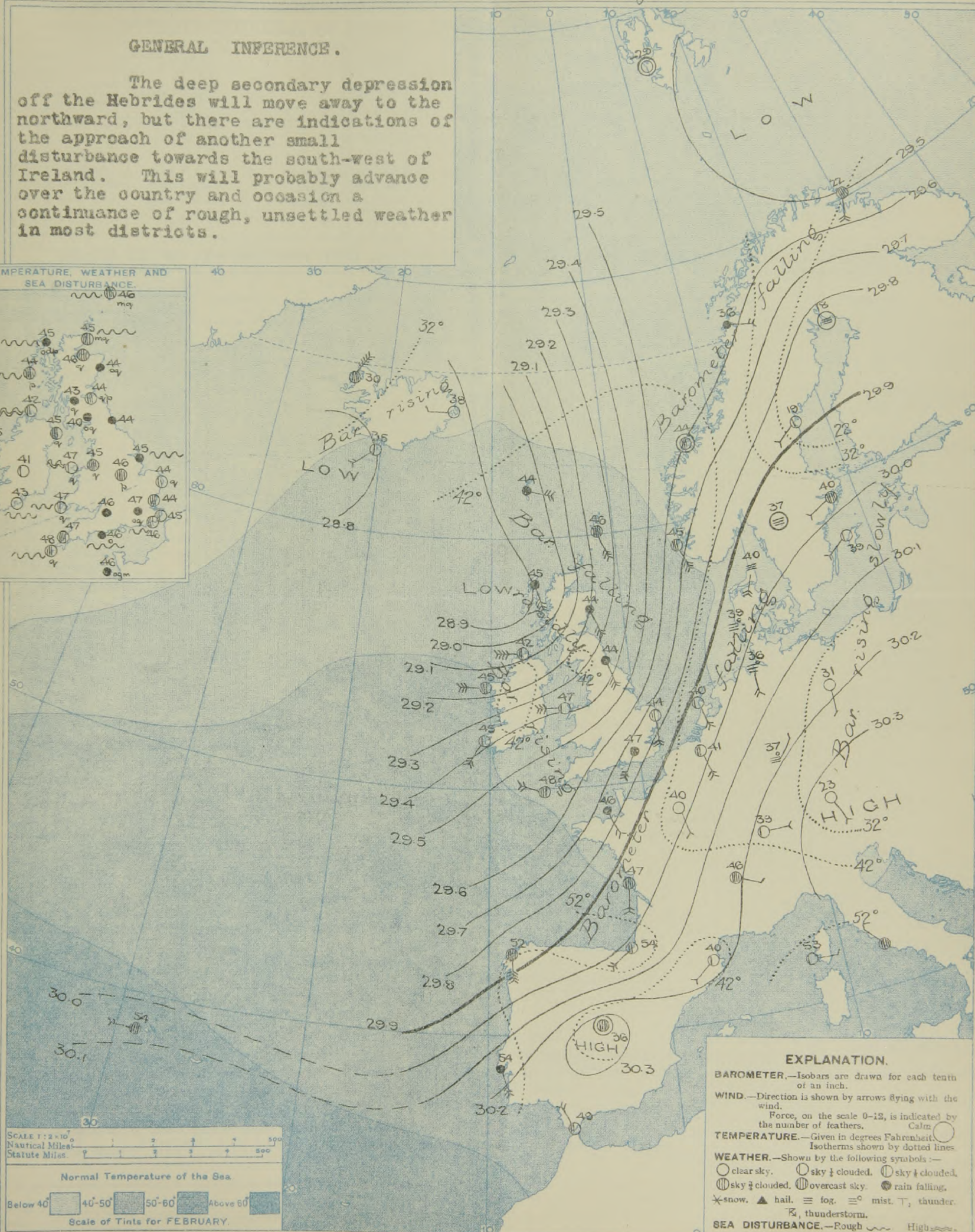
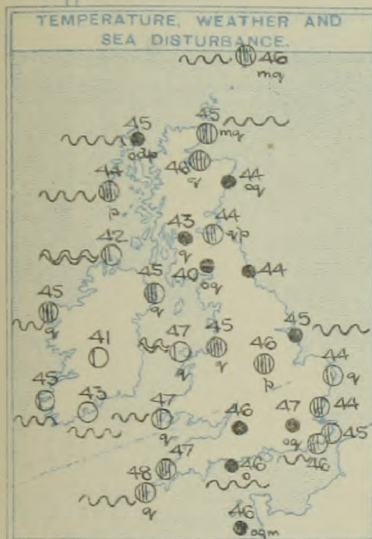
### FURTHER OUTLOOK.

Changeable weather is likely to continue.

# SYNOPTIC CHART FOR 7 a.m., Wednesday, 11<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The deep secondary depression off the Hebrides will move away to the northward, but there are indications of the approach of another small disturbance towards the south-west of Ireland. This will probably advance over the country and occasion a continuance of rough, unsettled weather in most districts.



Wednesday, 11th February, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.																					
DATE AND HOUR.		POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	
		LAT. N.	LONG. W.			Reading.	Change in 3 hours.	Dirac.	Force.			LAT. N.	LONG. W.			Reading.	Change in 3 hours.	Dirac.	Force.		
		"	"			In.	In.		(0-12).			"	"			In.	In.		(0-12).		
10th	1 p.m.	49	9	Olympic	H	29.67	+ .02	SSW	6-7	r	10th	7 a.m.	49	25	Campania	o	29.50	.00	WSW	6-7	c
"	7 a.m.	48	28	Carmania	H	29.36	- .07	WSW	4-5	o	"	"	49	22	Canada	o	29.26	+ .01	W	6-7	r
"	"	50	27	Gramplan	H	29.23	+ .03	WSW	6-7	c	"	"	48	19	Lapland	o	29.27	- .02	W	4-5	r
"	"	49	25	Empress of Britain	o	29.27	+ .03	WSW	6-7	bc											

	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	{ Oban ... ..	0.08	49	43	o. bcg	bcg. d	0.6		{ Margate ... ..	-	54	45	b	b	7.3
	{ St. Andrews ... ..				"	"			{ Ramsgate ... ..	-	51	47	"	"	7.3
Eng. N.E.	{ Harrogate ... ..	0.04	52	43	bc	c. o	2.3		{ Folkestone ... ..	-	50	43	b. bc	b. bc	6.2
	{ Scarborough ... ..	"	54	42	bc	bc	4.6		{ Littlestone ... ..	"	"	"	"	"	6.4
Eng. N.W.	{ Morecambe ... ..	0.10	52	45	bc	bc. cg	2.0	England, S.E.	{ Hastings ... ..	-	51	44	bc	b. bc	4.0
	{ Blackpool ... ..	0.05	53	44	"	"	1.8		{ Bexhill-on-Sea ... ..	-	52	44	o. bc. b	b. bc. b	4.7
	{ Southport ... ..	0.10	54	44	o. bc	bc. c. bc	3.0		{ Eastbourne ... ..	-	50	45	bc	b	5.7
									{ Seaford ... ..	-	52	45	b	b	5.8
									{ Brighton ... ..	-	51	45	c. bc	b. bc	5.3
Mid- lands.	{ Buxton ... ..	0.03	49	36	bc. r	bc	4.7		{ Worthing ... ..	-	53	43	bc	bc	5.0
	{ Leamington Spa ... ..	-	56	36	c. b. bc	bc	6.7		{ Littlehampton ... ..	0.01	"	"	"	"	6.5
	{ Malvern ... ..	0.01	53	47	bc. b	b	6.0		{ Southsea ... ..	-	55	45	bc	c. o	4.3
									{ Ryde ... ..	-	49	46	"	"	5.7
Wales.	{ Rhyl ... ..	0.04	55	39	c. bc	bc	6.5	England, S.W.	{ Ventnor ... ..	0.02	53	44	"	"	3.0
	{ Colwyn Bay ... ..	0.04	53	41	bc	bc	4.5		{ Bournemouth ... ..	-	53	45	c. o	c. o	1.9
	{ Llandudno ... ..	0.03	52	47	bc	bc	4.3		{ Hgthe ... ..	-	51	40	b	b	6.0
	{ Bettws-y-Coed ... ..								{ Weymouth ... ..	-	53	47	b	bc	4.2
	{ Aberystwyth ... ..	-	52	44	c. b	c. o	4.2		{ Exmouth ... ..	-	49	45	b	b	6.6
England, E.	{ Tenby ... ..	0.24	51	46	o. b	b. o	3.5		{ Teignmouth ... ..	0.04	56	47	b	b. bc	5.8
	{ Skegness ... ..	-	51	40	bc	bc	4.8		{ Torquay ... ..	0.01	55	46	b	bc. c	6.1
	{ Lowestoft ... ..	-	49	40	b	b	7.6		{ Paignton ... ..	0.01	56	45	b	b. bc	6.1
	{ Felixstowe ... ..	-	51	41	bc. bm	bm	8.1		{ Falmouth ... ..	0.04	56	43	bc	c. b	4.9
	{ Walton-on-Naze ... ..	-	51	41	bm	b	7.8		{ Bude ... ..	0.12	55	43	bc. b	b. bc. c	5.8
	{ Southend-on-Sea ... ..	-	54	42	b	b	6.5		{ Ilfracombe ... ..	0.03	54	47	b.	bc. c	6.2
									{ Weston-super-Mare ... ..	-	55	53	b	b	7.0

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.							
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Fore- noon.		After- noon.	Night.	In Screen.			Night Min. on Grass.	Night.	Fore- noon.	After- noon.										
							Max.										Min.	Max.		Min.	Max.	Min.				
							24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obv.) ...	78	87	5.1	56	45	36	0.01	bc	bc.c	op.r	Dublin to 4 p.m.	0.01	52	37	35	bc.c	c	c.c	*							
City (Bunhill Row) ...	"	"	1.6	"	"	"	"	"	"	"	Plymouth to 9 p.m.	"	"	"	"	"	"	"	"							
Westminster (St. James's Pk.)	80	93	3.0	56	46	41	0.07	b	bc	bc.r	Darwen	0.03	51	43	43	oc.c	oc.bc	bc	2.8							
Camden Sq. (Brit. Rainfall)	77	100	2.7	55	44	40	0.08	abc	bc.c	*	Manchester "	0.01	51	47	"	or.bc	bc	bc	0.1							
Hampstead (Reservoir) ...	"	90	?	54	43	34	0.09	c	c	or	Birmingham ..	"	53	40	35	"	c.c	c	4.4							
Richmond Park ...	"	"	2.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.	"	56	45	40	o.c.m	cm.ab	b.c	*				
Kew. (See front page.)																										
S. Kensington (Roof of M.O.)	80	91	2.7	Total. 41.6 Joules		Average Rate. 12.0 Milli-watts.		Max. Rate. 32.0 Milli-watts.		S. Kensington (Museum Grounds to 6 p.m.)																
																			"	51	45	43	bc.c	c.c	c.c	*

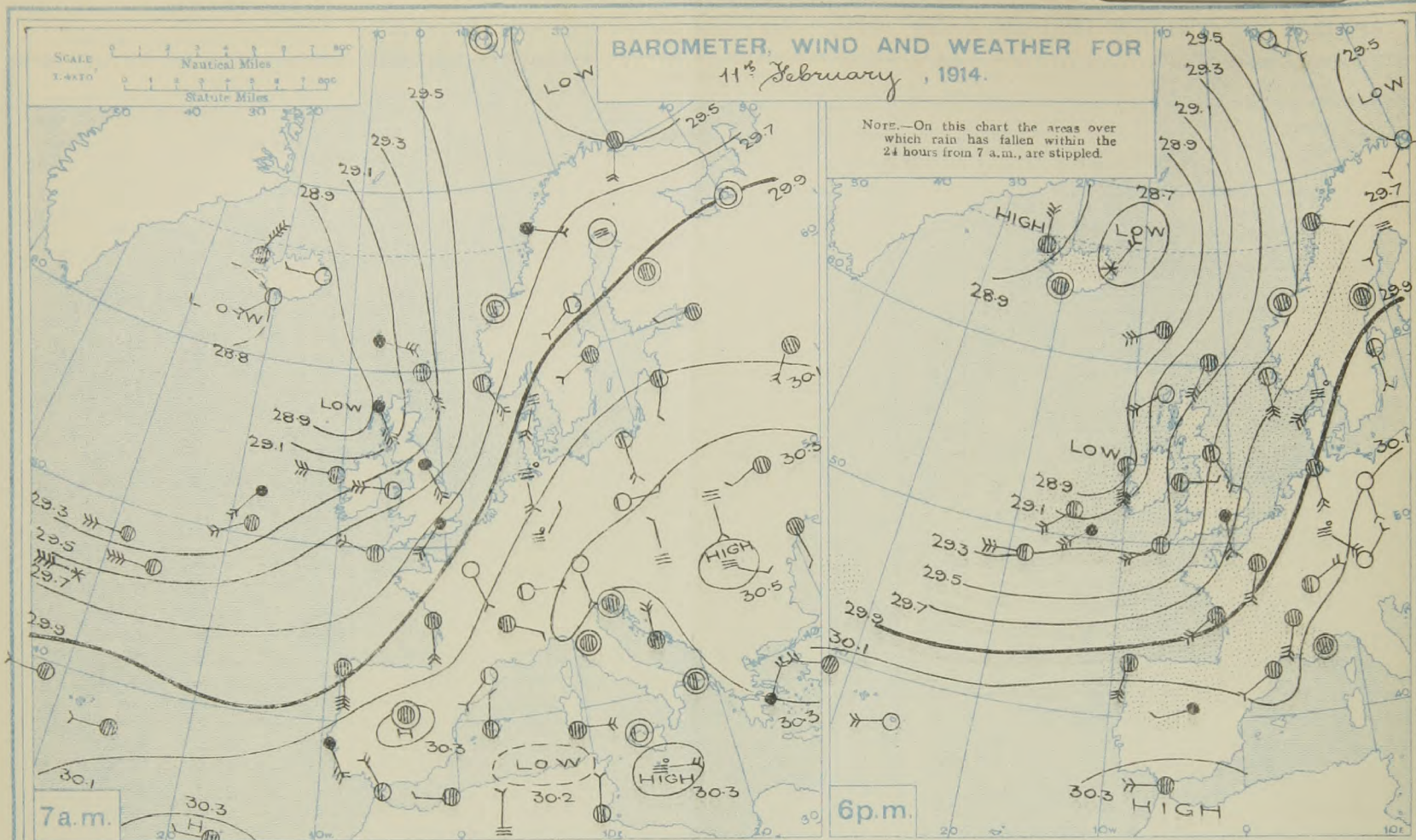
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				NOTES ON YESTERDAY'S WEATHER.			
11th & 12th Feb'y 1914.				The thermometer rose to between 50° and 55° over the United Kingdom generally, and touched 56° at some stations in the south-west. Considerable amounts of bright sunshine were recorded over England and Wales. Rain fell in most districts, heavily in the west of Ireland. Wireless reports show that as far west as the 28th meridian ships experienced strong to high winds from the Westward or South-Westward, with rain in places			
	Sunrise.	Noon.	Sunset.				
Yarmouth ... ..	G.M.T.	G.M.T.	G.M.T.				
	7.20	12.7	4.54				
Greenwich ... ..	7.18	12.7	4.56				
	7.24	12.14	5.4				
Wick .. ..	7.22	12.14	5.6				
	7.57	12.26	4.50				
Valencia ... ..	7.54	12.26	4.57				
	8.6	12.55	5.44				
	8.4	12.55	5.46				

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
12th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Squall for Yester- day	
	BAROM. TEMP.		WIND.		Force (0 to 12)	Weather	BAROMETER.		TEMP.		WIND.		Force (0 to 12)	Weather	Sea (0 to 9)	Rain fall.	TEMP.		WEATHER.			Hours		
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12)			At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12)					Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 5 p.m.	Night, 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.26	45	SSW	6	o	29.11	-0.09	42	-2	SE	8	org	6	0.14	47	42	oqb	cqb	bc	*			
	Stornoway	29.25	41	SW	5	b	29.02	+0.07	40	-5	SSW	5	cq	5	0.26	45	35	c.b.cqb	bc.b	c.cqb	3.5			
	Castlebay (Barra Isd.)	29.21	44	SSE	4	op												o.p.c.b	b.op	c.b.c				
	Glasgow	29.38	43	SSE	2	b	29.22	+0.03	37	-6	SSE	2	rg	*	0.02	46	36	o.p.c.b	c.b.c	bc.c.o	2.9			
	Esksdalemuir	29.46	37	NE	2	b	29.29	+0.00	34	-6	S	2	o	*	0.11	45	33	o.dq.bc	bc	bc	0.3			
	Malin Head	29.18	44	SW	5	o	29.06	+0.01	37	-5	SE	8	o	3	0.18	47	36	bcq	ogq	omq	*			
	Blacksod Point	28.89	45	S	9	c	29.07	+0.02	42	-3	WSW	7	cplq	5	0.36	47	36	bc.or	cq.p	cq.p	*			
	Valencia	29.22	43	SW	5	b	29.21	+0.00	41	-4	S	4	o	4	0.46	49	37	og	or.c	oph	0.6			
	Roche's Point	29.25	46	S	6	b	29.30	*	44	+1	WSW	4	o	5	0.20	48	42	b.o	ogp.b	b.otp	*			
	Birr Castle	29.15	47	SE	4	c	29.22	*	37	-4	SSE	1	c	*	0.13	49	36	c	c	cpq.c	3.7			
	Donaghadee	29.31	46	S	4	om	29.23	+0.01	39	-6	S	2	opm	3	0.04	49	37	bc	om	opm.bc	*			
	Liverpool Obsy.	29.35	46	SE	4	bc	29.40	+0.04	40	-5	SSE	4	bp	3	0.19	50	39	p.bc	b	bcq	6.6			
	Holyhead	29.33	45	E	1	cgm	29.35	+0.04	42	-5	SW	4	bp	4	0.23	50	38	h.bz.bu	bz.c	c.cq.c	7.9			
	Pembroke (St. Ann's Hd.)	29.34	47	SE	4	o	29.39	-0.01	46	-1	SSW	6	cq	6	0.22	49	40	bcq	cq.	ogq	6.2			
	Newquay	29.31	47	SE	4	o	29.52	+0.02	42	-5	W	2	cu	4	0.26	52	41	b	b.o.or	cp	4.5			
	Scilly (St. Mary's)	29.29	50	WSW	5	cq	29.49	+0.01	46	-2	WSW	5	cq	6	0.23	52	40	bcw	c.cgm	cq.cq	4.4			
	Jersey (St. Aubin)	29.62	49	SSE	4	o	29.75	*	47	+1	SSW	3	o	3	0.28	50	45	ogmr	og	gp.bc.o	0.0			
	Portland Bill	29.48	48	S	6	om	29.58	+0.04	45	-1	SW	6	cp	5	0.11	48	44	od	od.c	cq	*			
	Dungeness	29.66	46	SSE	4	ou	29.65	+0.05	45	-1	SW	5	r	5	0.30	46	44	c.or	or.o	orq.c	*			
	Dover	29.67	45	SW	5	o	29.65	*	45	0	SW	6	op	6	0.30	47	43	or	or	od.cq	0.0			
ICELAND, FAEROE, &c.	Wick	29.33	43	S	5	bc	29.08	-0.01	40	-5	SSW	3	bm	4	Trace	49	39	cma.bc	bcq	opm.bm	*			
	Nairn	29.35	37	SW	1	bc	29.10	*	37	-9	-	0	bc	1	-	47	35	bcq	b.bc	bc	5.7			
	Aberdeen	29.44	43	SW	2	b	29.18	+0.03	38	-6	SW	1	b	2	0.09	49	38	org.b	b	b	5.9			
	Leith	29.39	45	S	3	b	29.21	+0.03	40	-4	SW	3	bc	*	-	50	37	c.bc	bc.b	bc.c	*			
	North Shields	29.50	47	SSE	3	c	29.30	+0.02	39	-5	S	3	cq	2	0.05	52	38	bcq	bcz	c.or	3.3			
	Spurn Head	29.53	46	SSE	4	c	29.48	+0.09	40	-5	SW	4	c	5	0.07	48	39	or.c	c	c.o.rq	0.3			
	Yarmouth	29.68	43	SSW	4	r	29.57	+0.05	43	-1	SW	3	bc	2	0.11	47	42	or	or	or.bc	0.0			
	Clacton-on-Sea	29.66	43	S	4	od	29.59	+0.05	42	-2	SSW	3	bc	2	0.20	45	42	c.or	or.d	or.c.bc	0.0			
	Nottingham	29.53	45	SE	2	o	29.47	*	41	-5	SW	5	c	*	0.03	51	38	ad	c.bc	op	1.6			
	Bath	29.49	48	S	3	r	29.57	*	43	-3	SW	4	bc	*	0.14	54	42	rdq.bc	bc.c.od	apq.bc	2.4			
SCANDINAVIA.	London (Kew Obsy.)	29.58	47	S	3	od	29.61	+0.04	44	-3	SW	3	bc	*	0.37	50	42	org.odq	or.od	od.r.bc	0.0			
	Spitzbergen	29.59	-35	SE	2	b	29.67	+0.01	-37	-8	-	0	b	*	-	-35	-40							
	Isafjord	28.94	30	N	5	o	29.03	+0.01	19	-11	N	8	S	*	*	*	*							
	Reykjavik	28.85	32	-	0	o	28.93	+0.01	29	-4	N	2	o	*	*	*	*							
	Vestmanna	28.78	33	-	0	o	28.84	+0.02	28	-7	NW	2	S	2	*	*	*							
	Seydisfjord	28.62	34	NE	3	S	28.69	+0.11	34	-4	W	5	b	*	*	*	*							
GERMANY, &c.	Thorshavn	28.84	43	WSW	6	o	28.82	-0.19	43	-1	SE	8	o	*	*	*	*							
	Haparanda	29.76	26	SW	2	f	29.69	-0.03	30	+12	S	2	f	*	-	32	18							
	Hernösand	29.84	37	-	0	o	29.77	-0.00	38	+19	S	2	o	*	0.04	39	18							
	Stockholm	29.97	41	S	2	bc	29.92	-0.01	36	-4	S	2	o	*	-	45	34							
	Wisby	30.02	40	SW	2	bc	29.98	-0.02	35	-4	S	2	b	*	-	46	34							
	Karlstad	29.89	39	-	0	f	29.78	-0.06	38	+1	SE	2	f	*	Trace	41	36							
FRANCE.	Vardö	29.50	26	SW	2	bc	29.57	+0.06	28	+6	N	2	o	2	-	28	14							
	Bodö	29.53	38	ESE	1	o	29.53	+0.03	37	+1	E	1	o	1	0.16	39	34							
	Christiansund	29.40	46	-	0	o	29.48	-0.06	40	-4	SSE	2	o	3	-	48	39							
	Skudesnaes	29.67	44	S	6	bc	29.39	-0.06	44	-1	SSE	8	o	5	0.12	45	43							
	Færder (X'ania Fjord)	29.80	41	S	4	m	29.68	-0.14	40	+1	SSE	4	m	3	0.08	41	39							
	The Scaw (Skagen)	29.85	42	SW	6	m	29.69	-0.05	41	+1	S	6	m	2	-	43	39							
SPAIN, PORTUGAL, &c.	Blaavands Huk	29.82	41	S	2	m	29.62	-0.04	42	+3	S	4	o	3	0.04	43	37							
	Cuxhaven	29.89	47	S	4	o	29.71	-0.03	45	+9	S	5	r	3	-	54	36							
	Berlin	30.10	43	S	2	b	29.99	-0.02	30	-1	S	3	bc	*	-	52	30							
	Frankfurt	30.06	47	SE	2	m	29.95	-0.01	41	+4	-	0	m	*	-	50	36							
	Munich	30.19	30	ME	2	b	30.16	+0.01	22	-1	SSW	2	b	*	-	43	19							
	The Helder	29.79	48	S	3	o	29.61	+0.01	45	+5	SSW	5	o	3	0.12	52	40							
GALES	Brussels	29.81	48	SSW	5	o	29.75	+0.05	49	+8	SW	5	o	*	0.08	54	41							
	C. Gris Nez	29.71	46	SSW	9	r	29.66	+0.05	44	-2	SSW	6	r	5	0.16	48	43							
	La Hève	29.68	46	S	5	o	29.72	*	45	-1	SW	6	o	5	0.16	46	41							
	Ushant	29.49	52	SW	5	bc	29.60	*	?	?	SW	6	c	7	0.04	52	43							
	Brest (St. Mathieu)	29.55	51	SSW	5	c	29.73	+0.02	48	0	SW	4	c	5	0.04	55	45							
	Lorient (Bec Melen)	29.55	51	SW	5	r	*	*	48	0	SW	5	c	6	0.04	52	43							
	Rochefort (Île d'Aix)	29.86	49	SW	6	o	30.00	+0.08	49	+2	WSW	3	o	*	0.24	50	46							
	Biarritz	29.94	54	SW	4	o	30.10	+0.04	50	-4	-	0	bc	4	0.32	54	50							
	Paris	29.83	50	S	4	o	29.86	+0.06	48	+8	SSW	3	o	*	Trace	53	39							
	Belfort	30.07	49	ENE	3	c	30.04	*	45	+6	WSW	5	r	*	-	58	39							
NOTTINGHAM	Lyons	30.09	52	SSW	5	o	30.11	*	47	+1	SW	1	r	*	0.08	56	46							
	Nice	30.23	47	-	0	o	30.17	-0.01	46	0	-	0	r	3	0.99	59	45							
	Perpignan	29.99	56	SW	2	o	30.12	+0.04	51	+11	NW	2	o	*	-	67	40							
	Sanguinaire	30.27	56	E	2	b	30.23	*	54	+1	SSE	4	o	3	-	59	50							
	Corunna (8 a.m.)	29.93	63	SSW	6	o	30.13	-0.00	53	+1	S	4	c	6	0.12	64	48							
	Lisbon (9 a.m.)																							
BATH	Gibraltar	30.35	56	W	4	o	30.32	*	56	+7	W	5	c	3	-	61	49							
	Azores (Horta, 8 a.m.)	30.44	*	SW	4	c	30.20	-0.00	53	+4	SW	4	o	3	-	61	54							
	Madeira (Funchal)			</																				



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

SOUTH CONE HOISTED yesterday	
8.45 a.m.	Districts 1 and 2.
2.0 p.m.	do 5, 7, and 8, 10
7.10 p.m.	do 0, 6 and 9.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 { a } Wind Southerly or South-Westerly, light to fresh or strong; changeable, some showers, considerable fair intervals; moderately mild.  
b }

2 { a } Wind between South-West and South, moderate or fresh generally; some local showers, but mostly fair to-day; becoming rainy again later; temperature above the normal.  
b }

6 { a } Same as Nos. 0 and 1.  
b }

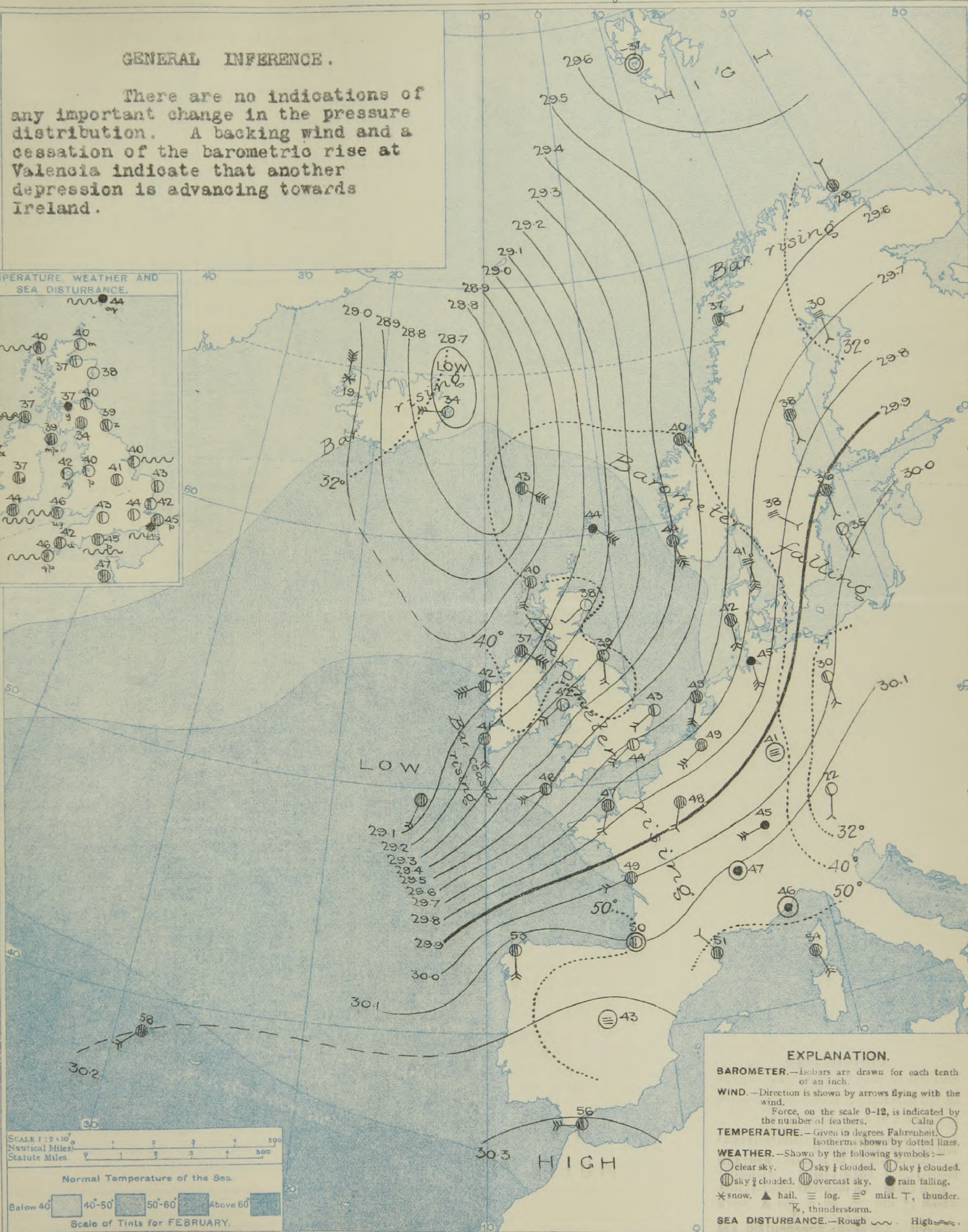
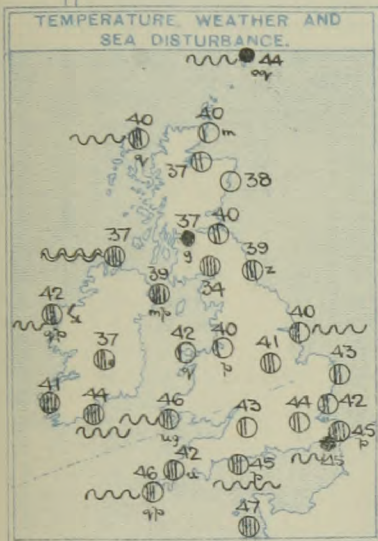
8 { a } Southerly and South-Westerly winds, moderate to fresh or high; changeable, some rain, fair intervals; mild.  
b }

10 { a } South-Westerly to Southerly winds, moderate to strong or high; sea rather rough; changeable, some showers.  
b }

# SYNOPTIC CHART FOR 7 a.m., Thursday, 12<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

There are no indications of any important change in the pressure distribution. A backing wind and a cessation of the barometric rise at Valencia indicate that another depression is advancing towards Ireland.



# DAILY WEATHER REPORT.

Thursday, 12th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
12th Jan.	49	13	Kronland	H	29.04	- .27	SSW	4-5	o	11th Jan.	48	29	Canada	O	29.19	-.00	W	6-7	o
11th Jan.	47	29	Marquette	O	?	+ .01	WNW	8-9	o	"	47	27	Lapland	O	29.26	-.04	W	8-9	c
"	48	18	Kronland	H	29.32	-.00	W	6-7	c	"	45	22	Kronland	H	29.36	+ .06	W	6-7	bc
"	51	14	Grampian	H	29.18	+ .01	SW	4-5	c	"	52	18	Grampian	H	29.18	-.02	SW	4-5	r
"	50	13	Carmania	H	29.24	+ .01	WSW	6-7	r	"	50	18	Carmania	H	29.24	-.04	WSW	4-5	o
Jan.	45	31	Philadelphia	H	29.45	-.00	W	8-9	s										

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	(Oban ...)	In. 0.44	F. 47	F. 43	bc, q	bc	3.3	England, S.E.	(Margate ...)	In. 0.02	F. 47	F. 43	op	op	0.0
	(St. Andrews ...)	0.08	48	42	*	*	5.6		(Ramsgate ...)	0.02	45	42	*	*	0.0
Eng. N.E.	(Harrogate ...)	0.11	49	42	c. bc	bc, b	2.0	England, S.W.	(Folkestone ...)	0.21	44	43	or	or	0.0
	(Scarborough ...)	*	50	39	o. c	o	0.0		(Littlestone ...)	*	*	*	*	*	0.0
Eng. N.W.	(Morecambe ...)	0.15	50	41	bc, b	b	6.2	England, S.E.	(Hastings ...)	0.22	47	44	bc, or	or	0.0
	(Blackpool ...)	0.13	52	44	b, bc	bc, c	6.3		(Bexhill-on-Sea ...)	0.20	47	44	or	r. o	0.0
Mid. lands.	(Southport ...)	0.09	52	45	c. bc, b	b	6.5	England, S.W.	(Eastbourne ...)	0.18	47	44	ag, v	od	0.0
	(Buxton ...)	0.10	48	40	bc	bc	3.1		(Seaford ...)	0.17	48	44	r	r.	0.0
Wales.	(Leamington Spa ...)	0.07	51	44	od, c	c. o	1.5	England, S.W.	(Brighton ...)	0.29	46	45	or	or, o	0.0
	(Malvern ...)	0.26	57	45	o. c, bc	bc, c. o	2.6		(Worthing ...)	0.39	46	45	r	p	0.0
England, E.	(Rhyl ...)	0.08	55	43	*	*	7.5	England, S.W.	(Littlehampton ...)	0.32	*	*	*	*	0.0
	(Colwyn Bay ...)	0.45	54	44	b	b, bc	7.4		(Southsea ...)	0.45	46	45	or	or	0.0
England, S.W.	(Llandudno ...)	0.27	51	45	b	b	7.3	England, S.W.	(Ryde ...)	0.52	46	40	r	r	0.0
	(Bettws y-Coed ...)	-	53	45	c, b	bc, o	6.7		(Ventnor ...)	*	*	*	*	*	0.0
England, S.W.	(Aberystwyth ...)	0.35	50	46	b	b	6.3	England, S.W.	(Bournemouth ...)	0.40	47	44	or	or	0.0
	(Tenby ...)	0.06	48	41	d. o	o	0.0		(Hythe ...)	0.02	45	42	r	r	0.0
England, S.W.	(Lowestoft ...)	0.07	45	41	or	or	0.0	England, S.W.	(Weymouth ...)	0.35	49	45	od	o. c, g	0.0
	(Felixstowe ...)	0.10	44	42	em, or	dm, o	0.0		(Exmouth ...)	0.42	53	36	r. cp	bc, b	2.6
England, S.W.	(Walton-on-Naze ...)	0.12	44	42	cr, cp	cp, o	0.0	England, S.W.	(Teignmouth ...)	0.50	53	46	bc, b	b. d. c	3.6
	(Southend-on-Sea ...)	0.08	45	43	p	p	0.0	England, S.W.	(Torquay ...)	0.46	53	46	o	c. bc, o	3.3
England, S.W.								England, S.W.	(Paignton ...)	0.60	52	45	o. b	org	4.4
								England, S.W.	(Falmouth ...)	0.16	55	46	c. bc	bc, cr	5.0
England, S.W.								England, S.W.	(Bude ...)	0.41	54	46	bc, b	b. bc, o	5.5
								England, S.W.	(Ilfracombe ...)	0.35	53	44	c, b	b. bc, o	3.5
England, S.W.									(Weston-super-Mare ...)						

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obsy.) ...	93	79	0.0	50	41	33	0.40	or	or, bc, o
City (Banhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	95	65	0.0	51	44	38	0.30	r	bc
Camden Sq. (Brit. Rainfall) ...	99	82	0.0	50	42	36	0.32	or	or, o
Hampstead (Reservoir) ...	*	84	?	48	41	28	0.28	or	c
Richmond Park ...	*	*	0.0						or, c
Kew. (See front page)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	95	84	0.0	Total. 83 joules	Average Rate. 2.4 Milliwatts.	Max. Rate. 8.5 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Max.		Night.	Forenoon.	
Dublin to 4 p.m.	In. 0.30	F. 52	F. 42	40	org, b	b	b, bc
Plymouth to 9 p.m.	0.72	54	46	44	og	bc, g	c, b
Darwen "	0.20	47	40	39	b. r. o	or, bc	bc, o
Manchester "	0.06	53	45	*	cor, o	ac, bc	b, c
Birmingham "	0.14	50	41	39	r	p. o	c. o
Oxford to 8 p.m.	*	48	44	41	c. b, m. r. o	od, g	og
S. Kensington (Museum Grounds to 6 p.m.)	0.28	50	45	37	or	or	od, o

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 54° at Bath and to about 50° in several other parts of the Kingdom. Rain fell in most districts, the amount being moderate or slight generally, but nearly 0.5 in. in the south of Ireland and as much as 0.37 in. at Kew. Several hours of bright sunshine were recorded in Wales and the western districts of England, as well as in Scotland. Strong winds and gales from West and South-West prevailed as far west as the 30th meridian.

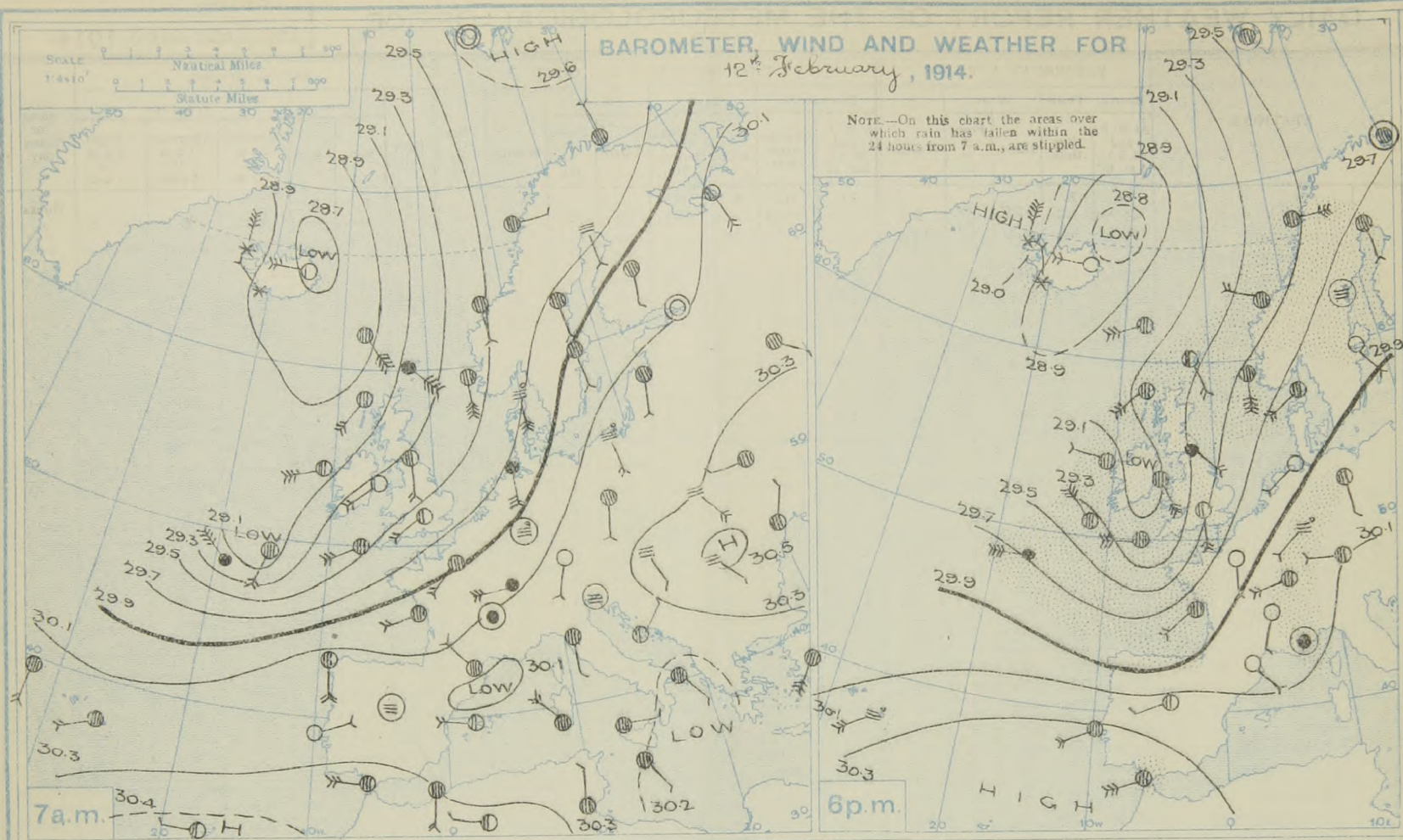
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

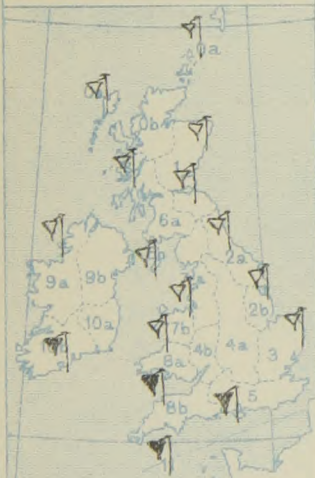
Friday,  
13th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.					
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		TEMP.		WEATHER.		Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
	At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather.	At 32° F. and M.S.L. Lat. 46°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	F.	F.										
BRITISH ISLANDS.	Lerwick ...	29.24	42	SSE	3	bc	29.04	-0.08	46	+2	SE	8	or	6	0.21	46	41	bc	b	bc, c, or	*	Hours.					
	Stornoway ...	29.16	40	SW	6	cgp	29.19	+0.03	38	-2	SW	4	bc	4	0.26	42	34	ogp	bcgp	o. bcp	0.2	*					
	Castlebay (Barra Isd.)																										
	Glasgow ...	29.20	41	SE	2	o	29.42	+0.11	39	+2	SW	4	bc	*	0.22	42	33	or	or	op, c, b	1.7	*					
	Eskdalemuir ...	29.22	39	SSE	4	or	29.52	+0.12	34	0	WSW	4	b	*	0.78	41	32	rsp, bc	rsp, o	op	0.2	*					
	Malin Head ...	29.08	36	SE	2	s	29.31	+0.02	37	0	SW	4	c	3	0.41	42	33	b, g	oms	cpm	*	*					
	Blacksod Point	29.13	41	WNW	2	og															*	*					
	Valencia ...	29.25	43	W	6	c	29.50	-0.04	45	+4	S	4	rm	5	0.66	46	34	ophs	or	orm	0.0	*					
	Roche's Point	29.10	40	WNW	9	o	29.62	*	46	+2	WSW	4	o	5	0.12	43	38	r	o, cgp	o, b, op	*	*					
	Birr Castle ...	29.03	38	W	3	c	29.52	*	40	+3	S	2	c	*	0.29	44	34	or	or, chp	op, c	0.5	*					
	Donaghadee	29.11	43	S	4	r	29.49	+0.09	36	-3	WNW	2	bc	3	0.31	45	35	cm	omgr	opm, bc	*	*					
	Liverpool Obsy.	29.18	44	SE	4	r	29.67	+0.13	39	-1	WSW	3	b	3	0.26	47	38	bc	or	bcg	2.8	*					
	Holyhead	29.10	47	SSE	6	ogp	29.64	+0.04	44	+2	SW	5	cq	4	0.43	47	39	clh, c	c, or, cp	or, cm	0.4	*					
	Pembroke (St. Ann's Hd.)	29.12	45	SSW	6	r	29.72	+0.04	46	0	SW	5	cq	6	0.53	48	40	cq	oqrm	crq	0.2	*					
	Newquay ...	29.20	44	S	5	ogp	29.84	+0.07	46	+4	SSW	3	opm	5	0.41	49	41	ogp	ogp, v	opq	0.0	*					
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	29.18	45	W	6	cgp	29.82	+0.06	46	0	WSW	6	cpq	7	0.32	51	41	omgr	or, cgp	cpq	0.0	*					
	Jersey (St. Aubin)	29.55	51	S	4	ogp	30.01	*	45	-2	SW	5	c	5	0.25	52	42	bc	c, og	clh, q	?	*					
	Portland Bill	29.33	50	S	7	or	29.88	+0.08	45	0	WSW	5	c	6	0.06	50	42	c	o	or, c	*	*					
	Dungeness ...	29.65	47	SW	6	cq	29.87	+0.05	42	-3	W	5	b	5	0.06	48	42	bcg	bcg	cpq	*	*					
	Dover ...	29.64	46	SSW	5	bc	29.91	*	39	-6	W	5	b	4	0.07	47	38	bcp, bc	bc, b, bc	bc, b	5.5	*					
	Wick ...	29.22	43	S	4	bc	29.18	+0.11	37	-3	SSW	4	cpq	3	0.21	44	36	bm, bc, c	c, bc, m	orm, p, q	*	*					
	Nairn ...	29.20	41	SW	1	ogp	29.26	*	36	-1	SW	2	cp	2	0.05	45	35	bc, b	bcg	cu	3.1	*					
	Aberdeen ...	29.29	43	SSE	3	o	29.34	+0.16	39	+1	-	0	bc	2	0.23	45	36	b, g, b	b, bc, o	or, bc	2.5	*					
	Leith ...	29.22	43	ESE	3	o	29.41	+0.15	39	-1	WSW	3	b	*	0.23	46	34	c, or, c	og	or	*	*					
	North Shields	29.32	45	SE	4	r	29.42	+0.08	40	+1	SW	4	c	3	0.04	48	39	c	or	r, o, c	4.3	*					
SCANDINAVIA.	Spurn Head	29.42	45	SSE	6	o	29.63	+0.10	40	0	WSW	5	bcq	5	Trace	48	38	c	c, o	o, bcq	6.4	*					
	Yarmouth ...	29.63	43	S	4	bc	29.76	+0.06	40	-3	W	3	bc	2	-	51	40	bc	bc	bc	4.9	*					
	Clacton-on-Sea	29.61	45	SE	6	bc	29.83	+0.13	39	-3	WSW	3	bc	2	0.01	47	39	bc	bc, c, bc	bcp, bc	5.4	*					
	Nottingham...	29.38	47	SSE	5	c	29.75	*	37	-4	SW	3	b	*	0.05	50	37	c, b	bcp	c	4.4	*					
	Bath ...	29.34	51	S	6	r	29.85	*	41	-2	SW	3	c	*	0.12	52	39	o, bc, c	ogp	opq, c	2.8	*					
	London (Kew Obsy.)	29.51	49	S	4	bc	29.87	+0.15	39	-5	SW	2	b	*	0.05	50	39	bc, c	bc	bc, opq, b	3.2	*					
	Spitzbergen ...	29.57	-17	-	0	o	29.10	-0.05	9	+46	SSE	8	s	*	?	9	-38	GALES. Duration and Extreme Force in British Islands  Lennick Midt - 7am SE. 8.  Roches Point 5pm - 7pm NNW. 9.  Holyhead 3pm SSE. 8, gust 55mph. Midt W. 8.  Pembroke 11am - 3pm S. 8.  Scilly 10am - 1pm S. 5, 9, 13 squalls. 4pm squall force 8. 6pm - 11pm W. 9 at 7pm, gust 65mph.  Portland Bill 6pm - 10pm S. 8.  Spurn Head 9pm - Midt SSE. 9 at 10pm.  Bath 5pm S. 8. 8pm S. 7.  South Kensington (M.) 8.50pm - 9.20pm 4 gusts 40-41mph.									
	Isafjord ...	29.02	17	N	9	s	29.10	+0.01	19	0	N	9	o	*	*	*	*										
	Reykjavik ...	28.93	23	N	2	s	28.90	-0.04	22	-7	ENE	2	o	*	*	*	*										
	Vestmanna ...	28.87	23	NNW	2	s	28.86	-0.05	24	-4	-	0	bc	2	*	*	*										
	Seydisfjord	28.81	24	W	4	b	28.97	+0.04	30	-4	-	0	bc	2	*	*	*										
	Thorshavn ...	28.98	39	WSW	6	c	29.04	-0.09	40	-3	SE	4	o	*	*	*	*										
	Haparanda ...	29.74	29	S	2	o	29.69	-0.04	33	+3	SW	4	o	*	0.16	34	27										
	Hernösand ...	29.73	35	-	0	f	29.83	+0.06	34	-4	S	2	b	*	0.08	39	34										
	Stockholm ...	29.82	37	SSE	2	b	29.97	+0.06	36	0	WSW	2	o	*	Trace	41	34										
	Wisby ...	29.90	35	SSW	4	b	30.05	+0.08	39	+4	WSW	2	o	*	-	45	34										
GERMANY, &c.	Karlstad ...	29.72	41	SW	2	o	29.98	+0.04	37	-1	SW	2	o	*	0.04	43	36										
	Vardö ...	29.69	29	-	0	o	29.58	-0.04	27	-1	SW	6	o	4	?	28	16										
	Bodö ...	29.41	40	E	6	o	29.50	+0.09	42	+5	SW	5	bc	4	0.12	42	36										
	Christiansund	29.33	47	WNW	3	o	29.57	-0.01	42	+2	-	0	o	3	0.04	43	37										
	Skudesnaes ..	29.54	43	S	8	o	29.64	0.00	44	0	SSE	9	c	7	0.12	45	41										
	Færder (X'lania Fjord)	29.68	40	S	4	m	29.91	+0.08	40	0	S	4	o	3	-	41	39										
	The Scaw (Skagen)...	29.76	42	SW	4	c	29.93	+0.03	40	-1	SSW	4	m	1	-	43	37										
	Blaavands Huk ...	29.78	41	SSW	2	m	29.97	0.00	38	-4	SSE	2	m	2	0.04	43	37										
	Cuxhaven ...	29.86	43	SW	2	b	29.93	0.00	35	-10	S	3	m	0	-	43	35										
	Berlin ...	29.99	41	S	1	c	30.06	+0.04	35	+5	S	1	c	*	Trace	50	30										
FRANCE.	Frankfurt ...	30.02	45	SW	2	m	30.05	+0.04	35	-6	SE	2	f	*	0.16	46	34										
	Munich ...	30.10	41	W	2	c	30.10	+0.02	27	+5	NW	3	bc	*	-	45	27										
	The Helder ...	29.79	42	S	5	b	29.81	+0.04	39	-6	S	4	c	2	-	46	37										
	Brussels ...	29.83	43	SSE	5	b	29.91	+0.11	43	-6	WSW	4	o	*	-	53	41										
	C. Gris Nez...	29.67	46	S	5	b	29.91	+0.15	43	-1	W	7	b	7	Trace	48	43										
	La Hève ...	29.66	48	SSE	6	c	30.01	*	41	-4	WSW	5	c	5	0.04	50	39										
	Ushant ...	29.41	48	W	7	r	29.96	*	50	+2	WSW	5	o	8	0.20	52	45										
	Brest (St. Mathieu)	29.41	47	SSW	7	m	30.03	+0.04	48	0	WNW	6	o	7	0.32	54	45										
	Lorient (Bec Melen)...		51	SW	6	c	*	*	47	-1	SW	3	o	8	0.16	52	39										
	Rochefort (Ile d' Aix)	29.80	58	SW	3	o	30.21	+0.09	46	-3	WNW	3	bc	*	Trace	57	43										
SPAIN, PORTUGAL, &c.	Biarritz ...	29.88	57	SSW	3	o	30.31	+0.05	50	0	WNW	4	c	7	0.32	63	43										
	Paris ...	29.86	47	SE	3	b	30.06	+0.14	40	-8	SW	2	b	*	-	53	38										
	Belfort ...	30.08	43	WSW	4	c	30.10	*	31	-14	-	0	m	*	0.20	50	30										



**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted at 11.45 a.m. in District 3; rehoisted at 7.10 p.m. in Districts 0, 1, 2, 6, 7 and 9; hoisted at 9 a.m. this morning in Districts 5 (part of), 8, 10 and 11.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

South-Westerly to Southerly winds, increasing in force; fair at first, rain or sleet later; rather cold.

South-Westerly winds, increasing in force; fair at first, afterwards becoming squally and showery; moderate temperature.

Southerly and South-Westerly to Westerly winds, increasing to a gale; squally and rainy at first, improving temporarily later; moderate temperature.

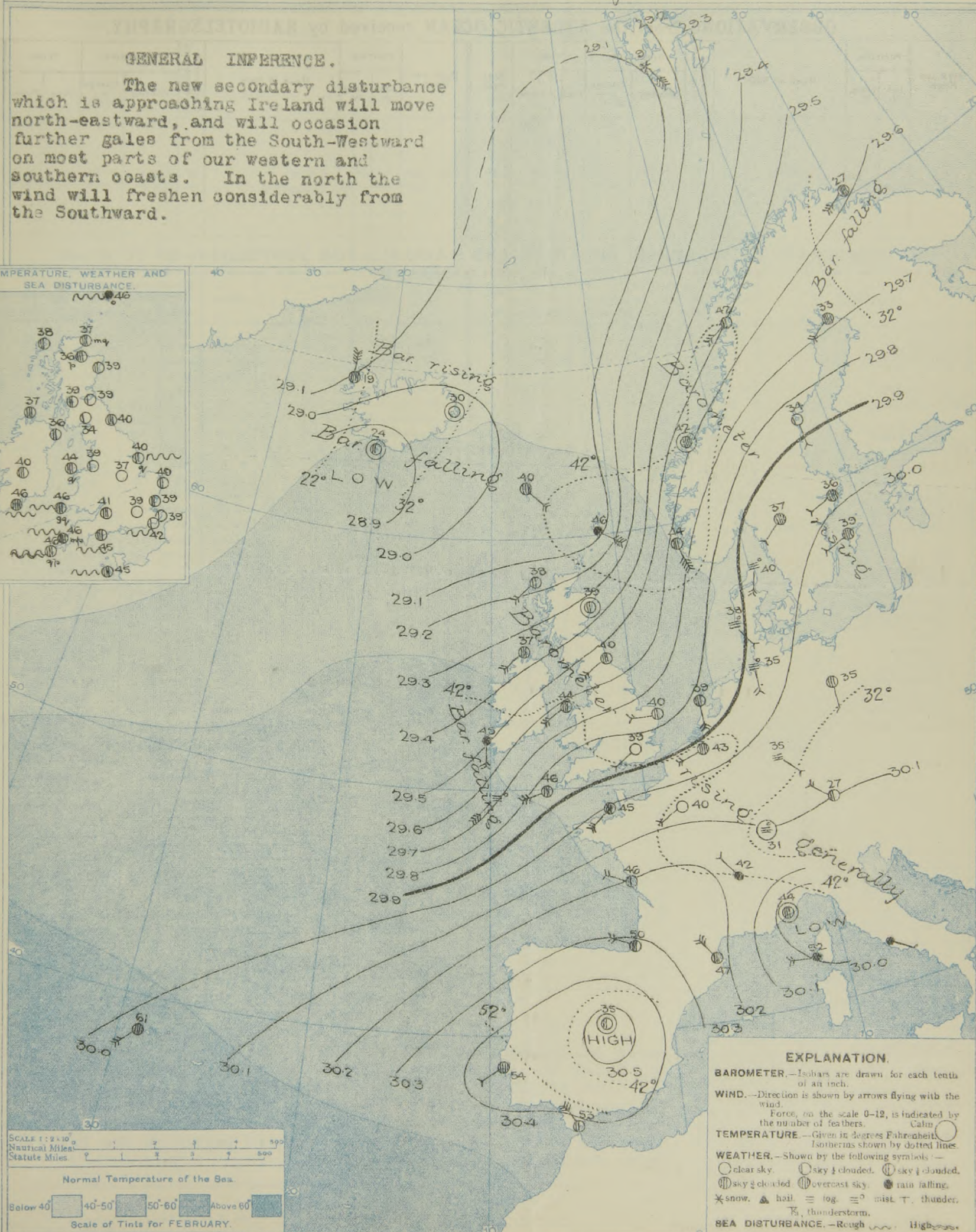
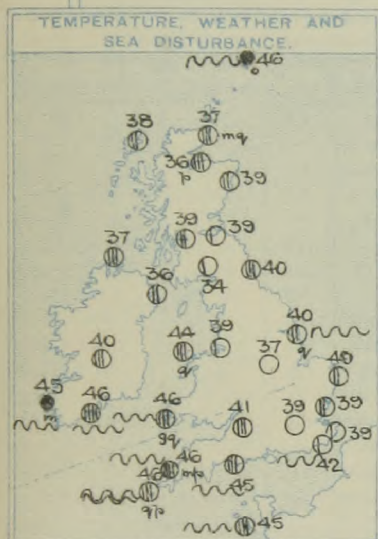
South-Westerly and Westerly winds, increasing to a gale; squally and rainy at first, improving later; mild.

Changeable weather is likely to continue.

# SYNOPTIC CHART FOR 7 a.m., Friday, 13<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The new secondary disturbance which is approaching Ireland will move north-eastward, and will occasion further gales from the South-Westward on most parts of our western and southern coasts. In the north the wind will freshen considerably from the Southward.



## EXPLANATION.

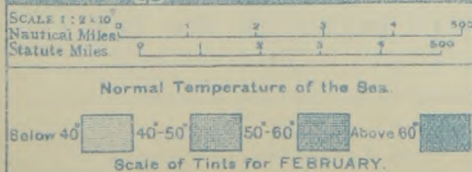
**BAROMETER.**—Isobars are drawn for each tenth of an inch.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ○ rain falling.  
 \* snow. \* hail. \* fog. \* mist. \* thunder.  
 \* thunderstorm.

**SEA DISTURBANCE.**—Rough. High.



## DAILY WEATHER REPORT.

Friday, 13th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
13th 7am.	49	9	Philadelphia	H	29.60	-16	SW	8-9	m	12th 6pm.	51	10	Merion	H	29.15	-07	NW	6-7	bc
12th 6pm.	48	15	do	H	29.64	+10	W	8-9	r	" 7am.	48	18	Philadelphia	H	29.20	+13	NW	8-9	r

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot-land.	Oban	In. 0.01	F. 45	F. 39	bc	cp. o	1.4	England, S.E.	Margate	In. 0.08	F. 49	F. 42	bc	b. bc	5.2
	St. Andrews				*	*			Ramsgate	0.17	47	40	*	*	5.4
Eng-land.	Harrogate	0.25	46	36	e. bc. b	bc. c. o	4.0	England, S.E.	Folkestone	0.20	47	42	or	b. bc. b	5.1
	Scarboroughn	*	49	39	o	o. c	5.1		Littlestone	*	*	*	*	*	4.7
Eng-land, N.W.	Morecambe	0.24	49	37	bc. b	bc. b. p	5.0	England, S.E.	Hastings	0.16	49	43	or. bc	b. bc	4.7
	Blackpool	0.16	47	38	c. o	or. q	2.9		Bexhill-on-Sea	0.14	48	43	c. bc	bc. c. q	4.8
Eng-land, N.W.	Southport	0.14	53	38	b. bc. o	or	3.3	England, S.E.	Eastbourne	0.45	49	42	or. bc	o	0.8
									Seaford	0.18	48	42	r. c	bc	3.5
Mid-land.	Buxton	0.24	47	36	bc	bc. p	3.7	England, S.E.	Brighton	0.18	48	44	c. or. h. o	c. o. c	3.3
	Leamington Spa	0.12	50	40	b. bc	c. b. o	3.5		Worthing	0.19	50	43	bc. p	bc	2.4
Mid-land.	Malvern	0.15	49	42	bc. c	c. or	2.7		Littlehampton	0.08	*	*	*	*	2.0
								England, S.W.	Southsea	0.23	49	43	c. b	bc. c	0.8
Wales.	Rhyl	0.11	50	39	bc. bp	p. bc	3.2		Ryde	0.27	50	44			1.0
	Colwyn Bay	0.23	51	40	bc. bp	p. bc	3.0	England, S.W.	Ventnor	0.23	53	42	*	*	2.3
Wales.	Llandudno	0.25	49	42	c. bc	r	2.6		Bournemouth	0.15	49	41	r. c. o	o	1.3
	Bettws-y-Coed							England, S.W.	Hythe	0.22	50	41	bc. op. b	b	5.6
Wales.	Aberystwyth	0.38	48	40	o. c. o	or	1.0		Weymouth	0.15	50	43	bc. c	b	0.9
	Tenby	0.58	48	45	r	r	0.0	England, S.W.	Exmouth	0.11	50	40	p. c. q	cp	0.0
England, E.	Skegness	0.04	49	36	r. b	b	5.3		Teignmouth	0.13	51	43	bc. o	or	0.5
	Lowestoft	0.08	50	41	c. bc	bc	4.0	England, S.W.	Torquay	0.18	51	42	c	or	0.5
England, E.	Felixstowe	0.11	49	48	c. cm.	bc	5.6		Paignton	0.26	51	42	th. p. bc	rp. c	0.7
	Walton-on-Naze	0.13	46	41	b. bc. b	bc. c. b	5.1	England, S.W.	Falmouth	0.59	50	41	og	rp. q. q	0.0
England, E.	Southend-on-Sea	0.09	49	41	bc	bc	5.2		Bude	0.53	51	43	bc. q	op. q	0.0
								England, S.W.	Ilfracombe	0.66	50	41	c. or	r. tr	0.0
									Weston-super-Mare	0.09	50	40	b. bc	c. or	2.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.)	75	76	5.1	50	39	31	0.03	b	b c c. comp
City (Bunhill Row)	*	*	3.1	*	*	*	*	*	*
Westminster (St. James's Pk.)	82	82	4.0	51	40	34	0.05	bc	bc r. b
Camden Sq. (Brit. Rainfall)	73	73	3.3	51	38	33	0.06	bc. b	bc
Hampstead (Reservoir)	*	77	2.7	49	37	23	0.05	bc	bc 2.7
Richmond Park	*	*	3.5						
Kew. (See front page)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				540 Joules		15.4 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Min. on Grass.		Fore-noon.	After-noon.	
Dublin to 4 p.m.	In. 0.24	F. 45	F. 38	36	bc. p	bc p. c	*
Plymouth to 9 p.m.	0.71	51	41	39	og	og or. q	0.0
Darwen "	0.36	45	33	31	or. c	bc. o c. or	2.8
Manchester "	0.24	49	37	*	or. bc	bc. or op	2.5
Birmingham "	0.13	47	37	30	r	c c. r	*
Oxford to 8 p.m.	*	51	41	35	o. b	b. bc c. o. q	*
S. Kensington (Museum Grounds to 6 p.m.)	0.12	51	43	32	c. b	b bc. b	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

13th, 14th, Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.16 7.44	G.M.T. 12.7 12.7	G.M.T. 4.58 5.0
Greenwich	7.20 7.18	12.14 12.14	5.8 5.10
Wick	7.52 7.50	12.26 12.26	5.0 5.2
Valencia	8.2 8.0	12.55 12.55	5.48 5.50

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° and upwards in several parts of England and Wales. Over the greater part of England and Wales the duration of bright sunshine was again large for the time of year. Rain fell generally, and hail or sleet in Ireland and the west of Scotland. Thunderstorms occurred in Wales and the south-west of England. A gale from the South or South-Westward was experienced on most parts of the English and Irish coasts.

NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

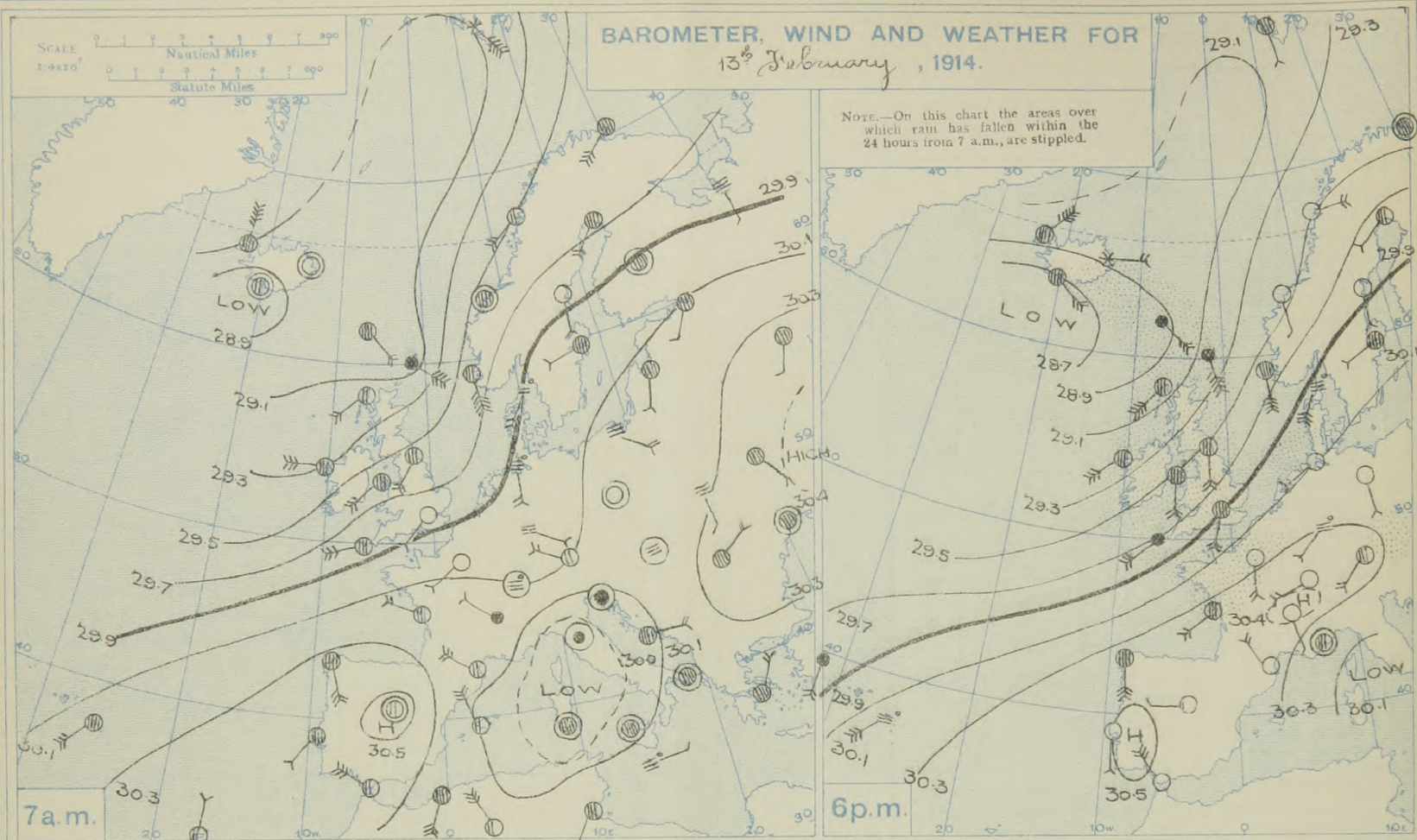
Saturday,  
14th February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day	
	BAROM.		WIND.		Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).			At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).				Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
	In.	F.					In.	In.	F.												Hours	
BRITISH ISLANDS.	Lerwick	29.12	44	SSE	9	org	28.85	-0.14	47	+1	SSE	9	org	7	0.47	47	44	bc	o.org	op.org	*	
	Stornoway	29.02	42	SW	8	cq.																
	Castlebary (Barra Isd.)	29.09	50	SW	7	cp	29.06	+0.06	45	+1	SW	9	o	7	0.22	50	39	c.o.cp	ol.cp	opl.op	0.0	
	Glasgow	29.38	46	SSW	4	c	29.27	+0.14	40	+1	WSW	4	b	*	0.06	51	37	bc.o.p	op.c.o	o.c.p.g.b	0.3	
	Eskdalemuir	29.53	44	SSW	5	o	29.38	+0.13	39	+5	WSW	5	b	*	0.31	47	32	org	ormg	org	0.0	
	Malin Head	29.23	47	SW	6	o	29.19	+0.03	41	+4	SW	7	r	6	0.05	49	36	cq.p	omg	omg.r	*	
	Blackod Point	29.23	49	SW	6	cmg	29.37	+0.02	45		W	8	cp.lg	6	0.28	51	41	bc.mg	bc.mg	cmg.r	*	
	Valencia	29.40	52	SSW	5	mr	29.61	+0.07	49	+4	SW	7	om	6	0.27	53	44	cm	cm.r	omr	0.4	
	Roche's Point	29.52	51	SW	5	r	29.69	*	49	+3	WSW	5	o	5	0.35	53	45	r.c	cm.or	rm.o	*	
	Birr Castle	29.43	48	S	2	c	29.52	*	44	+4	SSW	6	c	*	0.07	53	39	cp	c	cpq	3.4	
	Donaghadee	29.42	47	S	2	bc	29.49	+0.12	40	+4	WNW	5	bcq	4	0.04	51	35	omp	bc	bc.mg	*	
	Liverpool Obsy.	29.61	47	SE	3	o	29.56	+0.12	47	+8	WSW	6	uq	5	0.02	54	39	bc.o	op	opq	0.9	
	Holyhead	29.57	48	S	4	omg	29.57	+0.10	46	+2	WSW	5	bp	4	0.32	50	43	op.rgm	or.o.cm	or.c.bc	0.0	
	Pembroke (St. Ann's Hd.)	29.62	48	SSW	6	f	29.71	+0.03	48	+2	WSW	5	cmg	5	0.35	51	43	cgq	dmq	sdq	0.0	
	Newquay	29.72	52	S	5	omd	29.84	+0.06	51	+5	SW	5	cm	5	0.24	53	44	omd	omd	od.or	0.0	
	Scilly (St. Mary's)	29.69	52	SW	5	omr	29.82	+0.02	51	+5	W	5	cm	6	0.13	52	45	omd	omd	odm.om	0.0	
	Jersey (St. Aubin)	30.03	48	S	4	og	30.02	*	51	+6	SW	6	agp	5	0.31	51	45	c.o	og	ogp	1.0	
	Portland Bill	29.85	47	SSW	7	omr	29.84	+0.08	49	+4	SW	6	c	5	0.35	49	45	c.op	od.r	or.c	*	
	Dungeness	30.00	47	SW	5	r	29.85	+0.03	49	+7	SW	7	r	7	0.38	49	41	bc.c	c.or	org	*	
	Dover	29.98	47	SSW	6	p	29.85	*	?	?	SW	7	adpm	6	0.15	49	38	b.bc.b	b.bcp.c	op.or	5.3	
ICELAND, FAEROE, &c.	Wick	29.16	43	SSW	4	o	28.94	+0.13	38	+1	SW	5	c	5	0.34	46	36	cmg	cmg	cmg	*	
	Nairn	29.18	46	WSW	4	cgu	29.02	*	38	+2	WSW	5	cgu	4	0.23	49	35	cg	cmg	cmg	4.8	
	Aberdeen	29.35	45	S	4	c	29.11	+0.11	39	0	WSW	7	chp.q	3	0.03	49	38	b.bc.c	ogp.c	c.chp.q	1.4	
	Leith	29.38	49	SSW	3	o	29.27	+0.13	44	+5	WSW	4	b	*	0.07	53	39	c.op	op	c.bc	*	
	North Shields	29.55	46	S	4	c	29.37	+0.07	46	+6	W	5	r	2	0.09	53	40	bc	c	or	?	
	Spurn Head	29.71	47	SSW	6	b	29.52	+0.05	53	+13	WSW	6	cpq	5	0.01	53	38	cg	cg	cg	3.2	
	Yarmouth	29.92	46	S	4	c	29.69	+0.00	52	+12	SW	4	o	3	0.17	53	27	bc	bc.c	or	4.8	
	Clacton-on-Sea	29.96	48	SSW	4	o	29.78	+0.02	48	+9	SW	4	o	3	0.15	49	39	bc.c	c.o	or.od	5.8	
	Nottingham	29.73	48	SSW	6	o	29.60	*	54	+17	SW	6	c	*	0.09	55	37	bc	cp.o	or	2.3	
	Bath	29.79	51	SW	6	o	29.80	*	54	+13	W	3	o	*	0.23	55	40	c.ogp	ogp	q.p.or	1.7	
SCANDINAVIA.	London (Kew Obsy.)	29.91	47	SSW	5	og	29.82	+0.04	52	+13	SW	3	o	*	0.15	52	39	bcq	og.r	org.o	2.6	
	Spitzbergen	29.13	12	S	2	o	29.28	+0.05	1	-8	-	0	c	*	-	12	0					
	Isafjord	29.01	25	NE	9	o	29.02	+0.04	23	+4	N	9	c	*	*	*	*					
	Reykjavik	28.75	32	E	4	S	28.71	+0.06	31	+9	N	8	o	*	*	*	*					
	Vestmanna	28.68	34	ESE	5	o	28.56	+0.02	36	+12	-	0	c	2	*	*	*					
	Seydisfjord	28.90	35	E	3	S	28.80	+0.00	30	0	NE	2	o	*	*	*	*					
GERMANY, &c.	Thorshavn	28.83	42	SE	5	r	28.50	-0.11	44	+1	SW	4	r	*	*	*	*					
	Haparanda	29.84	27	SW	2	c	29.71	-0.02	32	-1	SSW	6	f	*	-	36	27					
	Hernösand	29.89	37	S	2	b	29.75	-0.08	34	0	SSE	4	bc	*	-	41	30					
	Stockholm	30.07	36	WSW	2	o	29.96	-0.04	36	0	S	2	o	*	Trac	39	32					
	Wisby	30.12	36	SW	2	o	30.06	-0.02	37	-2	SW	2	o	*	-	41	36					
	Karlstad	30.02	36	-	0	o	29.87	-0.08	36	-1	SE	2	b	*	-	39	34					
	Vardö	29.47	34	-	0	o	29.52	-0.04	27	0	SW	6	b	3	-	34	19					
	Bodö	29.51	38	E	4	b	29.34	-0.05	38	-4	SE	1	b	1	-	41	36					
	Christiansund	29.44	48	S	1	b	29.25	+0.02	47	+5	S	2	b	4	-	50	43					
	Skudesnaes	29.68	43	S	8	o	29.30	-0.08	43	-1	SSE	9	r	7	0.35	45	41					
FRANCE.	Færder (X'ania Fjord)	29.88	38	S	6	f	29.72	-0.08	39	-1	SSE	6	m	4	-	40	37					
	The Scrw (Skagen)	29.95	40	SSW	6	m	29.75	-0.08	40	0	S	8	m	3	-	41	37					
	Blaavands Huk	30.01	39	SSW	3	m	29.76	-0.11	40	+2	S	5	r	3	0.08	41	36					
	Cuxhaven	30.10	39	SW	2	b	29.89	-0.07	40	+5	S	5	o	3	-	48	34					
	Berlin	30.17	39	S	2	b	30.25	-0.02	33	-2	S	2	bc	*	-	45	32					
	Frankfurt	30.30	40	SW	2	m	30.31	-0.03	36	+1	W	1	m	*	-	41	34					
	Munich	30.35	40	SW	3	c	30.46	+0.01	30	+3	S	2	bc	*	0.04	39	27					
	The Helder	30.05	42	S	5	bc	29.77	-0.02	44	+5	S	7	o	4	0.28	45	39					
	Brussels	30.16	44	SSE	4	b	29.98	-0.02	44	+1	SW	4	r	*	0.32	50	41					
	C. Gris Nez	30.03	47	SSW	6	o	29.85	+0.01	47	+4	SW	7	r	6	0.34	48	43					
SPAIN, PORTUGAL, &c.	La Hève	30.07	48	SW	6	o	29.99	*	47	+6	SW	7	r	6	0.12	52	45					
	Ushant	29.88	52	SW	5	f	29.99	*	52	+2	SW	6	f	8	0.20	52	43					
	Brest (St. Mathieu)	29.96	50	SSW	7	r	30.07	+0.06	51	+3	SW	5	f	6	0.12	52	45					
	Lorient (Bec Melen)	*	50	SW	6	r	*	*	52	+5	SW	5	r	8	0.35	52	47					
	Rochefort (Ile d' Aix)	30.30	49	SW	4	c	30.30	+0.03	50	+4	SW	5	r	*	0.20	52	45					
	Biarritz																					
	Paris	30.23	48	S	3	b	30.13	-0.01	47	+7	SSW	4	o	*	0.20	55	37					
	Belfort	30.37	40	WSW	3	b	30.41	*	33	+2	WSW	3	o	*	?	44	29					
	Lyons	30.42	47	-	0	b	30.47	*	34	-8	-	0	o	*	-	50	33					
	Nice	30.44	47	-	0	c	30.38	+0.05	45	+1	-	0	bc	1	-	54	41					
PORTUGAL, &c.	Perpignan	30.34	52	NW	3	b	30.42	+0.01	38	-9	SW	1	b	*	-	55	37					
	Sanguinaire	30.05	52	N	6	bc	30.33	*	51	-1	E	2	m	5	-	55	50					
	Corunna (8 a.m.)	30.36	57	SSW	6	o	30.36	-0.00	54	+7	SSE	7	o	7	-	59	50					
	Lisbon (8 a.m.)	30.50	55	SSW	2	b	30.52	+0.02	49	-5	N	3	o	7	-	61	48					
	Gibraltar	30.47	60	NW	5	b	30.48	*	49	4	NW	3	b	1	-	63	47					
PORTUGAL, &c.	Azores (Horta, 8 a.m.)	30.02	*	SW	5	o	29.89	+0.02	58	-3	SW	5	r	4	0.32	64	55					
	Madeira (Funchal)																					

## GALES.

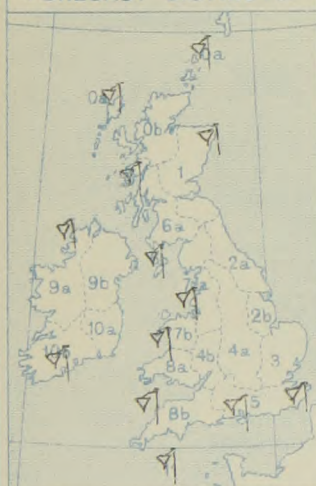
Duration and Extreme Force  
in British Islands

Lerwick  
7am-10am. SE. 8  
3pm-7am. SSE. 9  
Castlebary  
11pm-7am. SW.



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted yesterday morning in Districts 8, 10 and 11; at 2 p.m. yesterday in District 5; rehoisted last evening in 0, 1, 6, 7 and 9.

Western Channel and Bay. 11

FURTHER OUTLOOK.

South-Westerly and Westerly winds, strong, a gale in places; squally, showery, hail or sleet locally; moderate temperature.

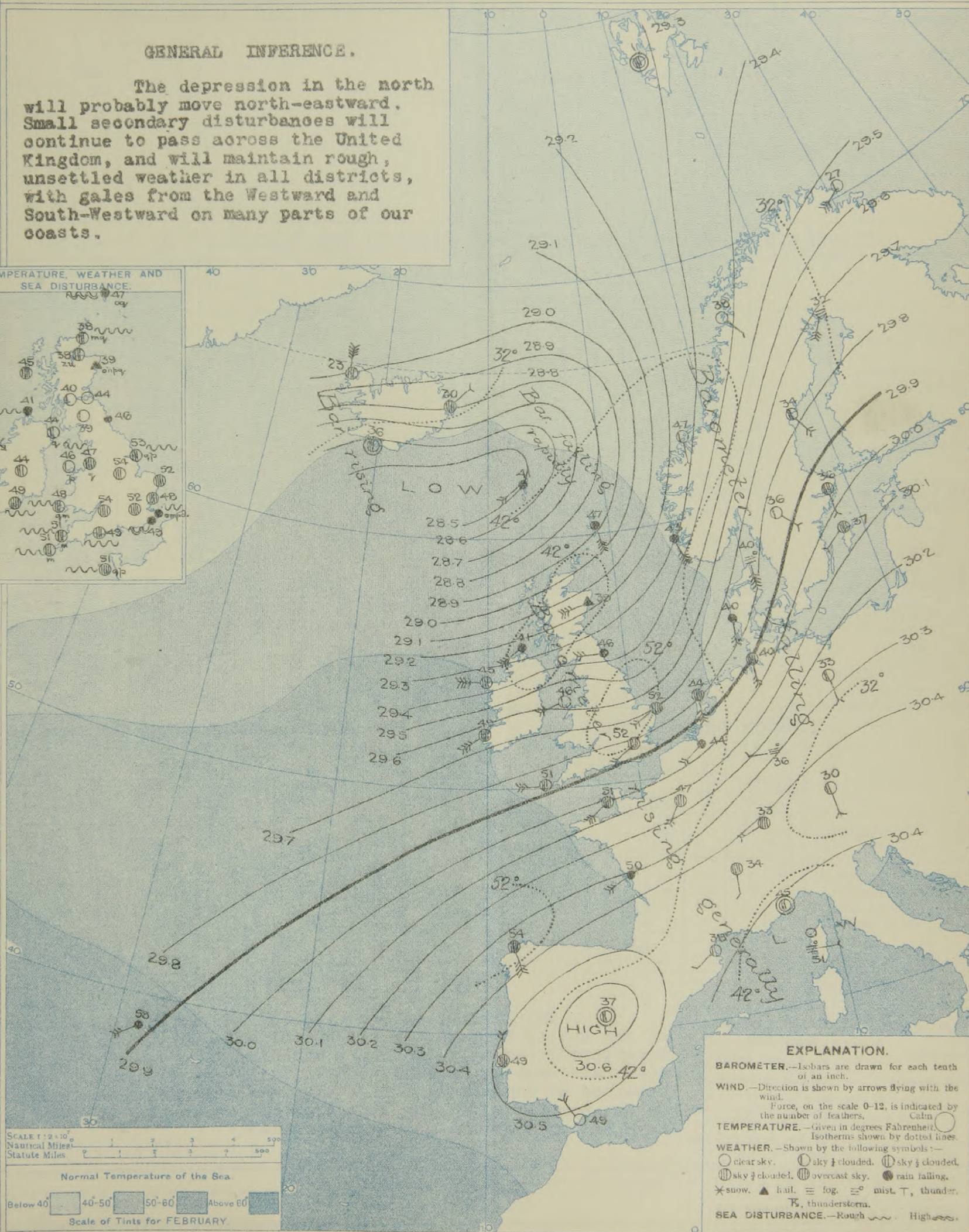
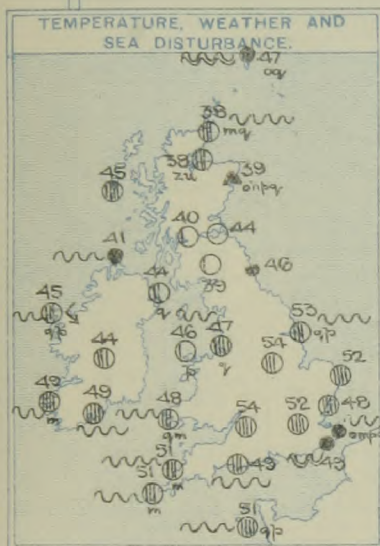
South-Westerly and Westerly winds, strong to a gale in force; squally, showery, some fine intervals; continuing mild.

South-Westerly to Westerly winds, strong to a gale in force, with a high sea; mild, squally, showery.

# SYNOPTIC CHART FOR 7 a.m., Saturday, 14<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The depression in the north will probably move north-eastward. Small secondary disturbances will continue to pass across the United Kingdom, and will maintain rough, unsettled weather in all districts, with gales from the Westward and South-Westward on many parts of our coasts.



## EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky  $\frac{1}{2}$  clouded. ○ sky  $\frac{3}{4}$  clouded.  
 ○ sky  $\frac{1}{2}$  clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.

## DAILY WEATHER REPORT.

Saturday, 14th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th Jan.	51	10	Dominion	0	29.62	+0.2	SW	6-7	0						In.	In.		(0-12).	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	In.	F.	F.	bc.	at.	Hr.	Margate ...	In.	F.	F.	b	bc.c	Hr.
{ Oban ...	0.23	49	36		0.0	0.0	{ Ramsgate ...	0.02	48	37	*	*	5.0
{ St. Andrews ...	0.21	46	37	*	*	1.6	{ Folkestone ...	0.03	48	38	b	b.b.c	4.8
Eng. N.E.							{ Littlestone ...	*	*	*	*	*	5.2
{ Harrogate ...	0.07	46	35	c.b.c	cap	0.7	{ Hastings ...	0.07	49	45	op.b.c	b.b.c.op	3.7
{ Scarborough ...	*	47	38	c.b	og	0.6	{ Bexhill-on-Sea ...	0.06	47	40	bc	c.org	4.1
Eng. N.W.							{ Eastbourne ...	0.05	49	41	b.b.c	o.b.c.d.r	3.4
{ Morecambe ...	0.34	48	38	b	bc.od	1.3	{ Seaford ...	0.07	48	42	ac	c.or	2.5
{ Blackpool ...	0.34	46	41	c.o	or	0.8	{ Brighton ...	0.06	48	42	c.b.c	c.o.or	2.3
{ Southport ...	0.29	46	38	bc.o	or.o	0.9	{ Worthing ...	0.13	49	41	bc	cr	2.0
Mid. lands.							{ Littlehampton ...	0.07	*	*	*	*	2.0
{ Buxton ...	0.24	43	33	bc	bc	2.6	{ Southsea ...	0.21	50	42	b.b.c	or	1.5
{ Leamington Spa ...	0.02	49	35	bc.c	o	1.5	{ Ryde ...	0.23	50	42	c.b.c	or	1.0
{ Malvern ...	0.18	48	36	bc.c.o	o	1.5	{ Ventnor ...	0.13	49	40	*	*	1.3
Wales.							{ Bournemouth ...	0.20	50	38	c.or	or	2.0
{ Rhyl ...	0.20	53	38	bc		1.8	{ Hythe ...	0.01	50	36	b	bc.or	5.2
{ Colwyn Bay ...	0.30	51	38	p.	c.	1.6	{ Weymouth ...	0.12	50	42	bc.c.d	d.c.o	1.0
{ Llandudno ...	0.21	53	42	c.b	bc	2.5	{ Exmouth ...	0.12	50	42	gc.c	ctr	0.4
{ Bettws y-Coed ...							{ Teignmouth ...	0.15	52	40	bc.op	or	0.2
{ Aberystwyth ...	0.04	51	41	or.o	ou	0.0	{ Torquay ...	0.29	51	40	c	ro	0.0
{ Tenby ...	0.34	49	45	r	r	0.0	{ Paignton ...	0.23	51	39	bc.p	r	0.0
{ Skegness ...	0.01	48	34	bc	o	3.7	{ Falmouth ...	0.34	52	41	odq	ogr	0.0
{ Lowestoft ...		50	38	bc.b.b.c	bc.c	5.5	{ Bude ...	0.08	53	46	opq	dpg	0.0
{ Felixstowe ...	0.01	48	39	bm	bc.c.o	5.7	{ Ilfracombe ...	0.26	52	41	c.or	dm	0.0
{ Walton-on-Naze ...	0.01	46	38	bm	c.o	5.5	{ Weston-super-Mare ...	0.08	51	38	b.b.c	r.c	0.3
{ Southend-on-Sea ...		50	38	b	bc.o	5.2							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	75	89	4.4	53	42	38	0.18	b	b.c.o	or.b
City (Binhill Row) ...	84	93	1.9	54	43	39	0.14	c.c	c.	r.b.c
Westminster (St. James's Pk.) ...	84	93	3.0	54	41	44	0.19	b.b.c	c.o	*
Camden Sq. (Brit. Rainfall) ...	75	87	1.9	52	37	31	0.23	bc.o	o	or
Hampstead (Reservoir) ...	*	88	2.0							
Richmond Park ...	*	*	3.6							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	81	88	2.7	Total.	Average Rate.	Max. Rate.				
				449 Joules	14.1 Milliwatts.	31.5 Milliwatts.				

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.01	53	36	35	o.b.c.p	c
Plymouth to 9 p.m.	0.29	51	40	36	orq	orq
Darwen	0.53	46	33	30	or.c	c.b
Manchester	0.11	50	35	30	c.or.b.c	bc.op
Birmingham	0.12	49	35	29	r.c	c
Oxford to 8 p.m.	*	50	38	32	orq.b	b.b.c
S. Kensington (Museum Grounds to 6 p.m.)	0.08	51	39	29	c.	c.o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

14th-15th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.14	G.M.T. 12.7	G.M.T. 5.0
	7.12	12.7	5.2
Greenwich ...	7.18	12.14	5.10
	7.16	12.14	5.12
Wick ...	7.50	12.26	5.2
	7.48	12.26	5.4
Valencia ...	8.0	12.55	5.50
	7.58	12.55	5.52

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° and upwards in many parts of the United Kingdom, and to 55° at Bath and Nottingham. Considerable amounts of bright sunshine were recorded in the south and east of England. Rain fell very generally, thunder occurred at Exmouth, and lightning was seen at several places in the north. A strong gale from the South-Westward was experienced over the country generally.

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

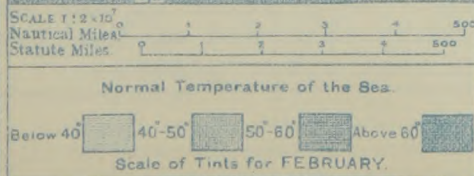
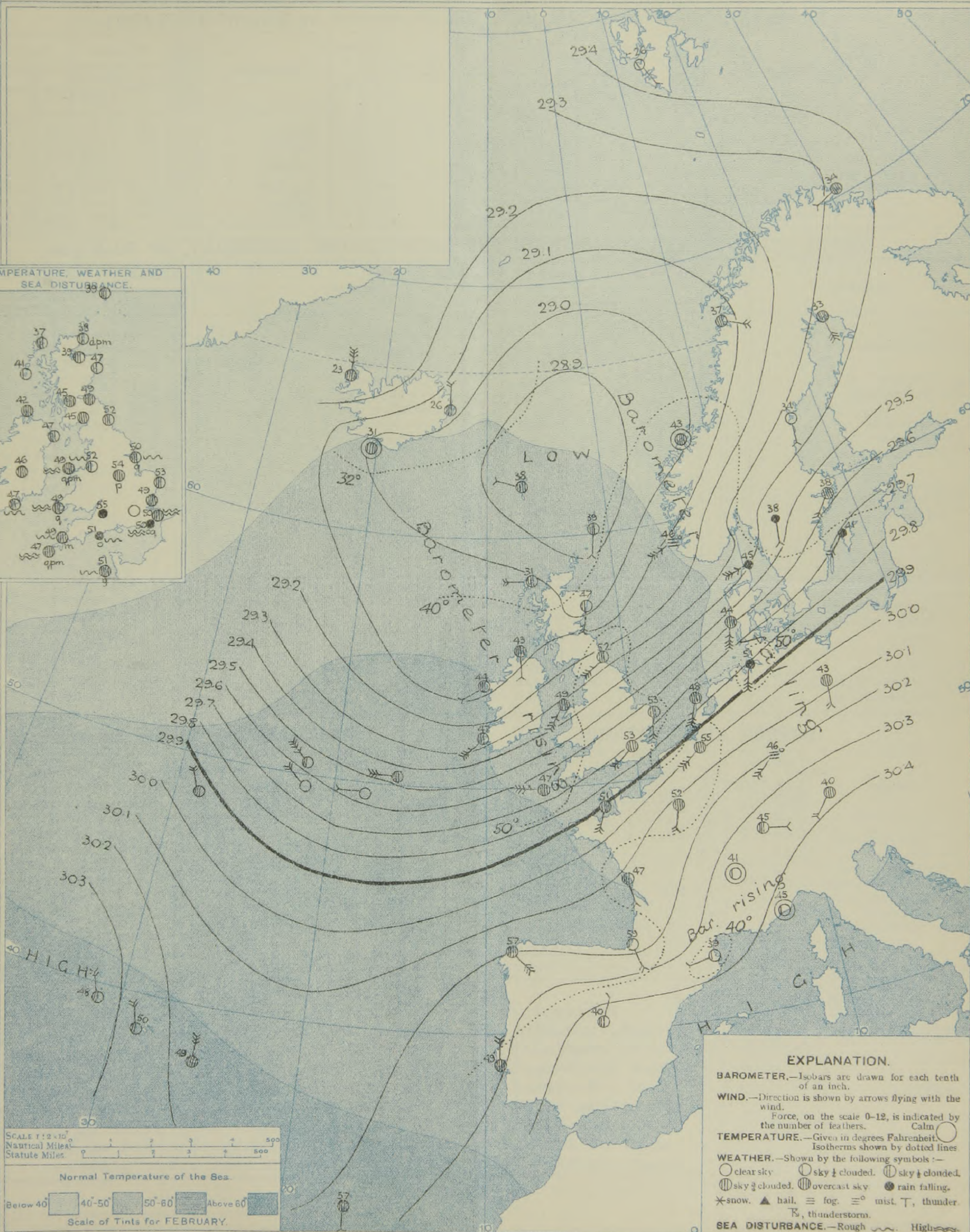
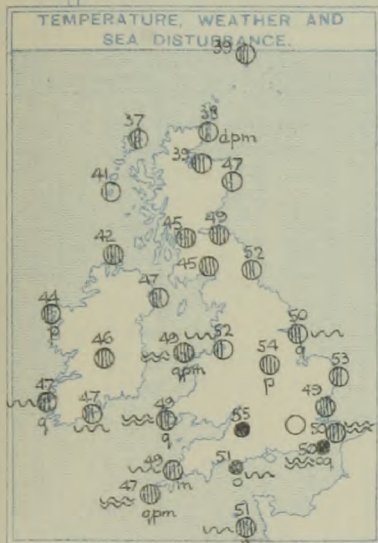
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
15th February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather	Sea (0 to 10).	Rain fall.	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 1 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).				Max.	Min.	Morning, 7 a.m. to 1 p.m.	Afternoon, 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.		
																					Hours
BRITISH ISLANDS.	Lerwick	29.07	45	S	3	cq	29.07	-0.2	39	-8	SSW	2	c	3	0.41	47	36	bc.org	org	cq.p.o	*
	Stornoway	29.18	43	SW	7	r	29.02	+0.5	37	-2	W	4	c	3	0.36	46	34	o.c	o.c	o.c	1.8
	Castlebay (Barra Isd.)	29.22	46	SSW	4	o	29.04	+0.2	41	-4	WNW	3	b	4	0.35	49	37	oh.p.o	o	h.p.b	0.0
	Glasgow	29.42	42	S	3	dg	29.11	+0.2	45	+5	SW	5	o	*	0.23	52	38	cgr.h.p	od	d.o.p.o	0.5
	Eskdalemuir	29.48	41	S	4	r	29.20	+0.1	45	+6	WSW	6	o	*	0.71	47	36	or	or	o.r.d	0.7
	Malin Head	29.23	42	S	6	o	29.06	+0.5	43	+2	S	2	o	3	0.28	45	38	omg	omgr	og	*
	Blackrock Point	29.04	53	WSW	8	omgr	29.05	-0.5	44	-1	WSW	2	cp	3	0.49	53	40	omg	omg	cq.h.r	*
	Valencia	29.32	54	S	6	omr	29.26	+0.2	47	-2	SW	7	cq	6	0.22	54	43	omr	omr	m.r	0.0
	Roche's Point	29.48	51	SSW	6	r	29.38	*	47	-2	WSW	6	c	6	0.50	51	46	comr	rm	r.o.c	*
	Birr Castle	29.30	56	SSW	6	c	29.20	*	46	+2	SW	6	o	*	0.12	56	43	c	cp	o.p	0.3
	Donaghadee	29.37	45	S	5	omr	29.16	+0.1	47	+7	SSW	3	c	4	0.05	53	39	op	ogm.or	omr.c	*
	Liverpool Obsy.	29.58	52	ESE	4	o	29.37	-0.2	52	+5	SW	6	bcq	5	0.02	56	45	og	cq	o.p	0.2
	Holyhead	29.48	49	S	7	orggm	29.34	.00	49	+3	SW	8	ogpm	8	0.10	51	45	ogm	op.omr	or.p.dg	0.0
	Pembroke (St. Ann's Hd.)	29.61	50	SSW	8	f	29.49	.00	49	+1	SSW	8	cq	7	0.31	50	45	cqpm	cqpm	ogdm	0.0
	Newquay	29.77	53	SSW	7	omdg	29.64	+0.5	49	-2	SW	5	oh	5	0.09	54	47	om	omdg	omg	0.0
	Scilly (St. Mary's)	29.75	52	SW	6	omd	29.65	+0.1	47	-4	W	7	omg	7	0.06	53	46	cm	omd	omg	0.0
	Jersey (St. Aubin)	30.06	52	SW	5	c	29.91	*	51	0	SSW	5	og	5	Trace	55	49	eq.c.o	ogp.c	og	0.1
	Portland Bill	29.90	50	SW	6	or	29.73	-0.3	51	+2	SW	8	or	6	0.25	52	48	c	er.od	odmr	*
	Dungeness	29.99	49	SW	4	c	29.82	-0.2	50	+1	SW	8	org	8	0.12	50	49	ogp.f	of.guc	c.org	*
	Dover	29.96	48	SW	5	od	29.80	*	50	?	SW	8	o	7	0.08	54	47	bc.c.bc	b.b.c.d	or.o	2.2
ICELAND, FAEROE, &c.	Wick	29.21	42	S	3	c	28.95	+0.3	38	0	WNW	3	empd	2	0.30	44	37	emg	emg	cp.or	*
	Nairn	29.26	43	WSW	6	ogu	29.00	*	39	+1	WSW	2	cq	2	0.22	43	37	pr.cq	cq	cqr	2.2
	Aberdeen	29.36	44	SSW	4	o	28.98	-0.5	47	+8	SSW	5	bc	3	0.04	49	39	cq.b	bcq.o	ogp.bc	3.4
	Leith	29.42	43	SW	1	o	29.10	-0.2	49	+5	WSW	5	o	*	0.17	55	41	c.o.p.a	c.or	ogr	*
	North Shields	29.56	45	WSW	2	c	29.24	-0.2	52	+6	SW	7	c	3	0.02	52	44	op.o	c.o.c	or.o	3.3
	Spurn Head	29.70	50	SW	5	o	29.42	-0.5	50	-3	SW	7	cq	5	Trace	53	46	cq	cq.o	o	2.6
	Yarmouth	29.89	48	S	2	cr	29.66	-0.3	53	+1	SSW	4	c	3	-	58	45	bc	bc.c	c	4.5
	Clacton-on-Sea	29.92	47	SSW	4	o	29.73	-0.3	49	+1	SSW	6	og	5	0.01	56	46	o.c	c.op	ogpm	3.3
	Nottingham	29.73	49	SSW	2	r	29.48	*	54	0	SW	7	op	*	0.06	56	48	c.o	or	op	1.0
	Bath	29.82	54	SW	6	o	29.68	*	54	0	SW	7	r	*	0.19	58	51	o.c.bc	org	org	2.7
SCANDINAVIA.	London (Kew Obsy.)	29.88	52	SW	5	org	29.71	-0.3	53	+1	SW	5	oug	*	0.06	57	51	o.b.c	c.odr	org,oug	3.8
	Spitzbergen	29.40	-22	SE	2	b	29.47	+0.2	-26	-27	SSE	2	b	*	-	-13	-27	GALE Duration and Extreme Force in British Islands. <u>Lerwick</u> 7 a.m.-10 p.m. SSW q. <u>Castlebay</u> 7 a.m.-1 p.m. WSW q. <u>Glasgow</u> 9 a.m.-Noon. SW 8. <u>Eskdalemuir</u> 10 a.m. SW 8. 5 a.m. SW 8. <u>Blackrock Point</u> 7 a.m.-10 a.m. W 8. 4 p.m.-Midt. WSW q. <u>Roche's Point</u> Noon. Gust S 8. <u>Holyhead</u> 10 a.m. WSW 8. 8 p.m. SW 8. Gust 57 mph. <u>Pembroke</u> 11 a.m. SSW 8. 4 p.m.-7 a.m. SSW q at 6 a.m. <u>Scilly</u> Squall force 9. 6 a.m. Gust 50 mph. <u>Portland</u> 1 a.m.-7 a.m. SW 8. <u>Dover</u> 7 a.m. SW 8. <u>Wick</u> 10 a.m.-Moon SSW q. <u>Aberdeen</u> 10 a.m. Squall. SW 52 mph. 5 a.m. Squall SSW 42 mph. <u>Nottingham</u> Between Midt. & 7 a.m. SW 8. <u>Hezham</u> Gust 67 mph at Noon. <u>Kew</u> Gust 45 mph at 4.15 a.m.			
	Isafjord	29.14	22	N	3	o	29.26	+1.2	23	0	M	8	o	*	*	*	*				
	Reykjavik	28.86	28	NE	3	c	29.04	+0.4	28	-3	NE	2	bc	*	*	*	*				
	Vestmanna	28.81	33	-	0	r	28.99	+0.4	31	-5	-	0	o	5	*	*	*				
	Seydisfjord	28.88	30	NE	3	s	29.03	+0.3	26	-4	M	3	c	*	*	*	*				
	Thorshavn	28.60	41	WSW	9	r	28.82	+0.4	38	-3	WNW	2	o	*	*	*	*				
GERMANY, &c.	Haparanda	29.52	33	S	6	o	29.32	-0.4	33	+1	S	6	o	*	-	34	32	Cuxhaven 30.00 45 SW 4 o 29.81 -0.2 51 +11 SSW 7 r 3 0.12 52 46 Berlin 30.13 41 S 2 o 30.07 -0.3 43 +10 S 3 o * 0.04 48 33 Frankfurt 30.30 39 SW 2 r 30.21 -0.1 46 +10 SW 5 m * 0.16 46 36 Munich 30.39 38 SW 2 r 30.38 -0.1 40 +10 SW 3 o * 0.24 45 30 The Helder 29.98 43 S 4 o 29.77 -0.2 48 +4 SSW 7 o 4 0.08 48 43 Brussels 30.10 52 SW 6 o 29.98 -0.2 55 +11 SW 7 o * 0.08 55 44			
	Hernösand	29.44	35	SSE	4	o	29.32	+0.4	34	0	S	2	b	*	0.16	41	32				
	Stockholm	29.54	36	S	8	r	29.58	.00	38	+2	SW	4	o	*	0.20	39	34				
	Wisby	29.74	39	SSW	2	r	29.73	-0.6	41	+4	SW	4	r	*	0.08	41	36				
	Karlstad	29.42	39	E	4	o	29.46	-1.0	38	+2	S	2	r	*	0.35	41	36				
	Vardö	29.42	33	SW	6	o	29.32	-0.7	34	+7	SW	2	o	2	-	34	25				
	Bodö	29.12	40	ESE	6	c	29.06	-0.1	37	-1	ESE	4	c	2	-	40	34				
FRANCE.	Christiansund	29.08	43	SW	1	b	28.98	-1.1	43	-4	-	0	o	4	0.04	48	39				
	Skudesnaes	29.43	44	SW	6	b	29.11	-0.4	46	+3	SW	8	m	5	0.83	46	41				
	Færder (X'lania Fjord)	29.45	41	SW	7	b	29.32	-1.3	41	+2	SE	6	r	4	0.55	41	39				
	The Scaw (Skagen)	29.62	42	WSW	8	bc	29.41	-1.2	45	+5	WSW	8	r	3	0.04	45	37				
	Blaavands Huk	29.80	42	WSW	4	m	29.60	-0.5	44	+4	SSW	8	o	5	0.28	44	37				
	Cuxhaven	30.00	45	SW	4	o	29.81	-0.2	51	+11	SSW	7	r	3	0.12	52	46				
	Berlin	30.13	41	S	2	o	30.07	-0.3	43	+10	S	3	o	*	0.04	48	33				
	Frankfurt	30.30	39	SW	2	r	30.21	-0.1	46	+10	SW	5	m	*	0.16	46	36				
	Munich	30.39	38	SW	2	r	30.38	-0.1	40	+10	SW	3	o	*	0.24	45	30				
	The Helder	29.98	43	S	4	o	29.77	-0.2	48	+4	SSW	7	o	4	0.08	48	43				
SPAIN, PORTUGAL, &c.	Brussels	30.10	52	SW	6	o	29.98	-0.2	55	+11	SW	7	o	*	0.08	55	44				
	C. Gris Nez	29.99	47	SSW	7	r	29.85	-0.2	48	+1	SSW	7	o	6	0.08	48	46				
	La Hève	30.08	50	SW	7	o	29.96	*	51	+4	SW	7	o	6	0.04	54	46				
	Ushant	29.96	52	SW	7	f	29.84	*	52	0	SW	6	f	8	0.12	52	46				
	Brest (St. Mathieu)	30.05	51	SW	6	f	29.89	.00	51	0	SW	6	r	6	0.08	54	45				
	Lorient (Bec Meien)	*	52	SW	5	o	*	*	51	-1	SW	5	o	7	0.04	52	46				
	Rochefort (Ile d' Aix)	30.34	51	SW	4	o	30.12	-0.1	47	-3	SSE	3	c	*	0.04	54	46				
	Biarritz	30.37	57	E	2	bc	30.19	-0.4	59		SSE	3	b	7	-	63	50				
	Paris	30.20	53	SSW	3	o	30.14	-0.1	52	+5	SSW	3	o	*	0.04	54	47				
	Belfort	30.38	42	WSW	3	r	30.34														



# SYNOPTIC CHART FOR 7 a.m., Sunday, 15<sup>TH</sup> FEBRUARY, 1914.



**EXPLANATION.**

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

**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm (circle with a dot).

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
○ clear sky    ○ sky 1/2 cloudy.    ○ sky 3/4 cloudy.  
○ sky 1/2 cloudy.    ○ overcast sky    ● rain falling.  
\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T, thunderstorm.

**SEA DISTURBANCE.**—Rough (wavy line). High (highly wavy line).

## DAILY WEATHER REPORT.

Sunday, 15th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
15th, 7 a.m.	49	17	Ascania	H	29.71	+0.8	W	4-5	b.	14th, 6 p.m.	48	26	Gymnic	H	29.23	+1.1	NW	4-5	b.
	50	15	Dominion	O	29.48	+2.1	W	6-7	c		48	25	New York	O	29.22	+0.9	NW	4-5	c
											48	23	Ascania	H	29.07	-0.5	W	1-3	r
14th, 6 p.m.	50	17	Gedre	O	28.99	+1.3	WSW	6-7	c		48	26	New York	H	29.20	-0.3	E	1-3	c
	51	12	Dominion	O	29.32	-0.2	SSW	6-7	o		49	21	Soliman	H	29.25	-2.3	SE	4-5	r
	50	12	Scotian	H	29.25	0.0	SSW	6-7	o		50	16	Gedre	H	29.50	-0.5	SSW	6-7	o
											51	13	Gedre	O	29.46	+0.8	SW	8-9	thr.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban ... ..	In.	F. °	F. °			Hr.	{ Margate ... ..	In.	F. °	F. °	c. bc.	bc. c.	Hr.	
	{ St. Andrews ... ..				*	*		{ Ramsgate ... ..	0.08	55	45			1.5	
Eng. N.E.	{ Harrogate ... ..	0.08	49	42	c. bc.	c. o.	0.5	{ Folkestone ... ..	0.21	53	44	c. c. o.	om. od.	0.3	
	{ Scarborough ... ..	*						{ Littlestone ... ..		*	*	*	*	1.1	
Eng. N.W.	{ Morecambe ... ..	0.14	49	44	bc. o.	o. od.	0.2	{ Hastings ... ..	0.37	51	46	o	om.	0.0	
	{ Blackpool ... ..	0.15	52	45	r. og.	o	0.0	{ Bexhill-on-Sea ... ..	0.35	50	46	o	o	0.1	
	{ Southport ... ..	0.09	50	45	c. o.	od.	0.1	{ Eastbourne ... ..	0.39	51	47	od. o	om.	0.0	
								{ Seaford ... ..	0.34	49	46	r. o	o	0.3	
								{ Brighton ... ..	0.32	50	46	om	m. om.	0.0	
Mid- land.	{ Buxton ... ..	0.28	50	38	o	c	0.0	{ Worthing ... ..	0.33	50	46	o	o.	0.3	
	{ Leamington Spa ... ..	0.12	57	42	c. b.	o	2.2	{ Littlehampton ... ..	0.17	*	*	*	*	0.1	
	{ Malvern ... ..	0.11	54	49	bc	b. bc. c. o.	0.5	{ Southsea ... ..							
								{ Ryde ... ..							
								{ Ventnor ... ..							
Wales.	{ Rhyl ... ..	0.02	52	44	o	o. r.	0.0	{ Bournemouth ... ..	0.50	55	46	c	c. o.	2.0	
	{ Colwyn Bay ... ..							{ Hythe ... ..	0.24	50	41	f. od. bc.	bc. fd.	1.2	
	{ Llandudno ... ..							{ Weymouth ... ..	0.35	53	48	bc. c.	od.	1.2	
	{ Bettws y-Coed ... ..							{ Exmouth ... ..							
	{ Aberystwyth ... ..	0.35	52	45	r. o. c.	o	0.0	{ Teignmouth ... ..	0.34	57	52	bc. c.	o	1.5	
England, E.	{ Tenby ... ..	0.42	50	47	r	r	0.0	{ Torquay ... ..							
	{ Skegness ... ..	0.10	54	42	b	b. rg.	2.2	{ Paignton ... ..	0.49	56	50	op	p. o.	0.0	
	{ Lowestoft ... ..	0						{ Falmouth ... ..	0.40	54	50	cqd	o.	0.0	
	{ Felixstowe ... ..	0.18	57	41	c. bc. m.	bc. m. o.	3.7	{ Bude ... ..							
	{ Walton-on-Naze ... ..	0.17	56	42	c. bc. m.	bc. c. m.	3.3	{ Ilfracombe ... ..	0.47	55	51	c. bc. c.	c. o. o.	1.0	
	{ Southend-on-Sea ... ..	0.05	56	41	bc. b.	b. bc. o.	4.8	{ Weston-super-Mare ... ..							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obsy.) ...	69	88	4.6	59	51	48	0.05	b	b. o.	o. p.
City (Bunhill Row) ...	*	*	2.4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	81	93	3.5	59	52	50	0.04	b.c.	b.c.	r. d. r.
Camden Sq. (Brit. Rainfall)	67	88	3.5	59	49	48	0.06	c. b.c.	b.c. o.	o.
Hampstead (Reservoir) ...	*	88	3.6	57	49	42	0.06	b.c.	b.c.	o.
Richmond Park ...	*	*	4.5							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)				Total.		Average Rate.		Max. Rate.		
				466 Joules		13.1 Milliwatts.		38.0 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.			WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	0.01	53	43	40	q. c. b.	c. o.	o. u.	*
Plymouth to 9 p.m.	0.36	52	50	47	og. r.	o	og. p.	0.0
Darwen "	0.29	50	41	38	ow. r.	ow.	ow. r.	0.0
Manchester "	0.07	53	46	*	o. r. o.	o. p.	o. p.	0.0
Birmingham "	0.15	53	47	36	*	b. g.	b. g.	1.5
Oxford to 8 p.m.	*	57	48	46	od. q. c.	q. b. c. q.	q. b. c. q.	*
S. Kensington (Museum Grounds to 6 p.m.)	0.15	58	47	44	-	c. b. c. c. p. o. g.	*	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

15th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.12 12.7	G.M.T. 12.7 5.4	G.M.T. 5.2 5.4
Greenwich ...	7.10 12.14	12.14 5.12	5.12 5.13
Wick ...	7.48 12.26	12.26 5.6	5.4 5.6
Valencia ...	7.58 12.55	12.55 5.52	5.52 5.53

## NOTES ON YESTERDAY'S WEATHER.

Temperatures rose to about 55° over a large portion of England, touching 57° locally, 58° or 59° in London. Rain fell very generally, and there was little bright sunshine except in the south-east and east of Great Britain. Gales from the South-Westward were experienced on most parts of the coast, and according to wireless reports, strong winds or gales from South or South-West prevailed on the Atlantic many miles to the westward of Ireland. Thunder and lightning occurred at Castlebay and Blacksod Point, and lightning in some other places.

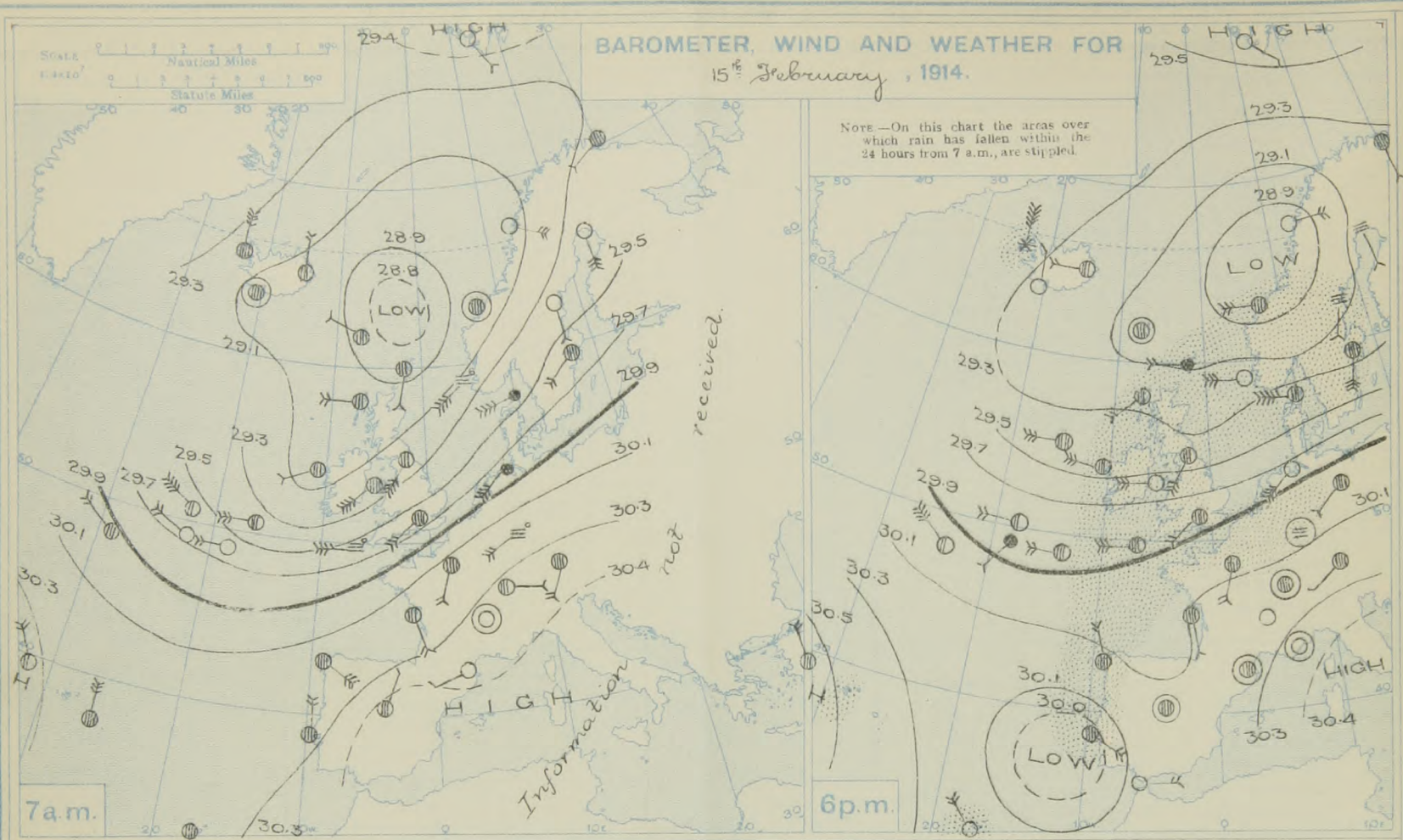
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

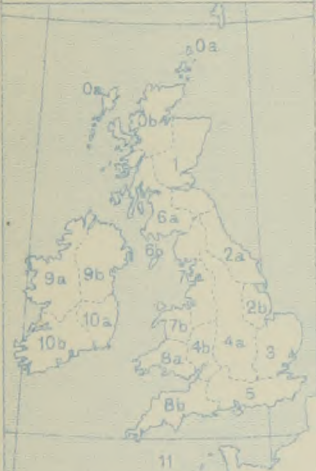
Monday,  
16th February, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (6 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
		At 32° F. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.		
		In.	F.				In.	In.	F.												Hours.	
BRITISH ISLANDS.	Lerwick ...	29.09	42	W	3	op	29.31	-01	41	+2	SSE	3	opq	5	0.19	44	38	o.c.p	op	op.b.c.	*	
	Stornoway ...	29.25	42	SW	3	c	29.47	+05	41	+4	SW	4	c	4	0.07	47	36	c.b	b.b.c.c	cpq	4.6	
	Castlebay (Barra Isd.)	29.29	45	SW	4	op	29.58	+05	44	+3	WSW	4	o	4	0.03	45	40	b.o	op	op.b.c.o	0.0	
	Glasgow ...	29.31	41	WSW	2	od	29.69	+06	39	-6	WSW	4	od	*	0.31	46	37	op.c.b.c	o.c.p.o	od.c.p	2.6	
	Eskdalemuir ...	29.39	40	WSW	5	ng	29.69	+05	36	-9	SW	5	o	8	0.62	45	35	og	cpq	opq.o	0.0	
	Malin Head ...	29.33	43	WNW	6	c	29.67	+05	42	-1	WNW	6	c	5	0.52	45	37	cg	cpq	cpq	*	
	Blacksod Point ...	29.49	45	WNW	6	cq	29.83	+05	44	0	WNW	4	bc	4	0.21	47	39	cmq.p	cpq.p	bcq.p	*	
	Valencia ...	29.74	45	WSW	6	cq	29.95	+06	37	-10	E	1	bcn	5	0.04	49	37	c.b	c.bq.h.p	c.bq.	5.3	
	Roche's Point ...	29.74	46	WSW	6	b	29.96	*	39	-8	WNW	2	o	4	0.04	49	37	cpq.p.b	cpq.p	b.o.	*	
	Birr Castle ...	29.60	40	WSW	2	c	29.89	*	34	-12	S	1	c	*	0.16	48	33	cpq	cpq.p	ex	2.6	
	Donaghadee ...	29.41	44	W	6	bcq	29.79	+04	37	-10	W	4	bc	4	0.01	47	37	cpq	bcq.p	b.b.c.	*	
	Liverpool Obsy. ...	29.64	45	SW	6	b	29.90	+03	40	-12	SW	3	b	3	0.03	52	39	og	bcq.p	bg.b.c.	1.0	
	Holyhead ...	29.63	48	W	6	bg	29.90	+04	43	-6	SSW	4	cg.m	4	0.04	49	41	o.c.o.c	op.c.op	b.b.c.o	1.8	
	Pembroke (St. Ann's Hd.)	29.78	47	WSW	7	bc	29.95	+04	44	-5	WSW	2	bc	3	0.01	49	39	cg	cg	bcq.	1.2	
	Newquay ...	29.86	47	WSW	6	c	29.96	+01	40	-9	SE	1	o	5	0.04	50	40	o	o	op.p.m	0.0	
	Scilly (St. Mary's) ...	29.89	48	W	6	c	29.95	+01	45	-2	-	0	bc.p	6	0.01	50	43	rmq	cg	c.b.c.	0.0	
	Jersey (St. Aubin) ...	30.00	49	SW	4	og.m	30.00	*	45	-6	WSW	2	om	2	0.14	52	44	og.m	og.m	bc.om	0.0	
	Portland Bill ...	29.89	48	WSW	5	c	29.96	+01	47	-4	WSW	3	bc	3	0.03	51	46	cp	c	bc.b.	*	
	Dungeness ...	29.89	48	SW	5	o	30.00	00	46	-4	SW	2	o	2	0.05	51	44	org	op	o.b.c.o	*	
	Dover ...	29.88	47	SW	6	o	30.00	*	44	-6	SW	2	o	2	0.01	50	41	op.r	op	o.b.c.o	0.4	
	Wick ...	29.22	38	W	3	c	29.46	+06	37	-1	W	3	cd	2	trace	45	35	cpd.b.c	bcn.cm	bcn.cd.	*	
	Nairn ...	29.29	35	-	0	bc	29.53	*	37	-2	W	1	bc	1	0.02	43	33	bcq	bc	bc.p	3.2	
	Aberdeen ...	29.28	42	WSW	1	o	29.57	+05	39	-8	SSW	2	bc	2	0.04	47	39	c.op	o	o.b.c.	0.0	
	Leith ...	29.24	44	WSW	3	c	29.63	+06	40	-9	WSW	4	c	*	0.12	49	39	op	op.c	et.c.	*	
	North Shields ...	29.39	44	SW	6	c	29.74	+02	42	-10	SW	3	c	2	trace	54	41	c	c.cp	cp.c.	*	
	Spurn Head ...	29.61	45	WSW	6	b	29.85	+01	40	-10	WSW	4	cg	5	0.01	53	39	c.o	cg.b.	cg.	0.9	
	Yarmouth ...	29.75	50	W	6	bcq	29.94	+02	40	-13	SW	2	c	2	-	57	40	cg	bcq	bc.c.	1.6	
	Clacton-on-Sea ...	29.79	49	SW	5	c	29.98	+02	43	-6	WSW	2	og	2	-	53	42	og.c.bc	bc.c	c.b.c.o	1.7	
	Nottingham ...	29.72	45	SW	6	b	29.93	*	38	-16	SW	1	b	*	0.02	55	37	op.c	c.b.	b	1.4	
	Bath ...	29.85	47	SW	3	o	29.99	*	38	-16	W	1	o	*	0.14	55	38	tg.o	og.c	op	0.0	
	London (Kew Obsy.) ...	29.87	48	SW	3	o	29.99	+03	43	-10	SW	1	om	*	0.01	55	42	ouq.cq	og.c.o	o.b.c.o.m	0.8	
ICELAND, FAEROE, &c.	Spitzbergen ...	29.54	-25	SE	1	b	29.60	+01	-7	+19	-	0	c	*	-	?	-29	GALES. Duration and Extreme Force in British Islands.  Liverpool. 8 a.m.-1 p.m. Sw. 8.  Holyhead. Between 7 a.m. and 1 p.m. Sw. 8. Squalls 10. 2 p.m. Sw. 8. and 5 p.m. W 8.  Pembroke. 7 a.m.-2 p.m. SSW 8.  Scilly. 2 p.m. Squalls 8.  Dungeness. 7 a.m.-11 a.m. Sw. 9.  Dover. 8 a.m.-11 a.m. Sw. 8.  Spurn Hd. ? Squalls 8.  Yarmouth. 4 p.m. Sw. 8.  Nottingham. noon Sw. 9.  Bath. 1 p.m. Sw. 8.  London (Kew Obsy.) 9.30 a.m. Gust 45 m.p.h. 3.50 p.m. Gust 8.  London (St. Helens) 9.50 a.m. Gust 41 m.p.h.  Southport. 11 a.m.-5 p.m. Sw. 9. Gust 75 m.p.h.  Fosham. 4 p.m.-10 p.m. Gust 56 m.p.h.				
	Isafjordr ...	29.45	20	N	9	S	29.73	+07	18	-5	N	9	bc	*	*	*	*					
	Reykjavik ...	29.24	26	-	0	b	29.53	+08	17	-11	-	0	b	*	*	*	*					
	Vestmanna ...	29.14	29	N	1	b	29.40	+06	24	-7	-	0	b	3	*	*	*					
	Seydisfjord ...	29.20	22	W	3	c	29.67	+06	20	-6	NW	4	o	*	*	*	*					
SCANDINAVIA.	Thorshavn ...	29.03	36	-	0	c	29.31	+05	38	-5	NNW	2	o	*	*	*	*					
	Haparanda ...	29.21	32	S	2	f	?	-07	32	-1	ESE	6	S	*	?	34	32					
	Hernösand ...	28.99	35	SSW	2	f	29.05	+12	39	+1	N	2	c	*	0.16	39	32					
	Stockholm ...	29.26	46	SSW	6	o	29.34	+09	40	+2	WSW	6	b	*	0.08	48	37					
	Wisby ...	29.47	45	SSW	6	o	29.54	+08	40	-1	WSW	6	c	*	0.12	46	39					
GERMANY, &c.	Karlstad ...	29.19	43	SSW	6	r	29.42	+12	37	-1	W	2	b	*	0.16	45	36					
	Vardö ...	29.28	33	S	2	o	29.16	-04	30	-4	SE	2	o	2	-	34	25					
	Bodö ...	28.82	36	E	4	b	28.86	+02	34	-3	E	4	r	2	-	39	34					
	Christiansund ...	28.89	33	W	5	o	29.20	+06	33	-10	W	7	o	5	0.24	48	33					
	Skudesnaes ...	29.18	42	W	6	b	29.50	+04	43	-3	SW	4	c	5	0.12	46	41					
FRANCE.	Færder (X'lania Fjord) ...	29.12	42	SW	7	b	29.44	+08	40	-6	WSW	5	b	3	0.12	46	39					
	The Scaw (Skagen) ...	29.34	45	W	9	c	29.57	+01	41	-4	W	7	m	2	trace	48	39					
	Blaavands Huk ...	29.58	42	SW	7	m	29.78	+07	41	-3	WNW	6	c	5	0.04	44	39					
	Cuxhaven ...	29.75	50	SW	7	o	29.94	+04	40	-11	SW	4	o	1	-	54	40					
	Berlin ...	29.97	50	SW	2	o	30.04	+04	47	+4	W	3	c	*	trace	54	43					
SPAIN, PORTUGAL, &c.	Frankfurt ...	30.08	50	-	0	f	30.10	+01	44	-2	SW	1	f	*	trace	54	43					
	Munich ...	30.24	45	SW	1	o	30.19	-01	37	-3	S	2	c	*	-	52	36					
	The Helder ...	29.78	45	SSW	6	o	29.97	+02	41	-7	SSW	3	c	2	trace	48	41					
	Brussels ...	30.00	47	WSW	4	o	30.00	00	44	-9	SSE	1	o	*	0.20	57	43					
	C. Gris Nez ...	29.92	46	SSW	6	o	30.01	00	44	-4	SSW	4	o	4	0.04	50	43					
PORTUGAL, &c.	La Hève ...	30.00	47	SW	5	c	30.02	*	43	-8	ESE	3	r	3	0.20	52	41					
	Ushant ...	29.96	50	WSW	2	o	29.96	*	48	-4	SE	1	o	5	0.04	52	46					
	Brest (St. Mathieu) ...	30.03	50	WNW	3	o	29.99	-01	46	-5	E	1	m	5	0.04	54	45					
	Lorient (Bec Melen) ...	*	46	WNW	3	o	*	*	43	-8	NE	4	r	5	0.20	52	39					
	Rochefort (Aie d' Aix) ...	30.11	52	S	2	o	29.84	-04	47	0	E	3	o	*	-	55	46					
FRANCE.	Biarritz ...	30.10	63	SW	2	o	29.84	-01	65	+6	S	4	o	6	-	70	55					
	Paris ...	30.04	56	SSW	3	o	30.03	-02	44	-8	NE	1	o	*	0.04	58	44					
	Belfort ...	30.20	53	-	0	o	30.13	*	44	-1	ESE	3	o	*	-	61	41					
	Lyons ...	30.21	55	S	2	o	30.07	*	50	+9	S	2	o	*	-	61	45					
	Nice ...	30.39	47	-	0	b	30.28	+01	45	0	NE	1	b	1	-	57	43					
SPAIN, PORTUGAL, &c.	Perpignan ...	30.26	53	-	0	o	30.10	-														



**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**No Warnings Issued.**

- |    |   |  |
|----|---|--|
| 0  | a | } South-Westerly and Westerly breezes, moderate to light; changeable, some showers; moderate temperature.                      |
|    | b |  |
| 1  |   | }  |
| 2  | a |  |
|    | b | }  |
| 3  |   |  |
| 4  | a | } Light South-Westerly breezes, shifting Easterly; fair to dull, local mist, some cold precipitation later; lower temperature. |
|    | b |  |
| 5  |   | }  |
| 6  | a |  |
|    | b | }  |
| 7  |   |  |
| 8  | a | } Same as Nos. 3 to 5.   |
|    | b |  |
| 9  | a | } Westerly and North-Westerly breezes, moderate; fair to dull, some showers; moderate temperature.                             |
|    | b |  |
| 10 | a | } Light variable breezes; fair to dull, local mist, some cold showers later; lower temperature.                                |
|    | b |  |
| 11 |   | } Light to moderate Easterly breezes; moderate sea; dull, some mist and rain; rather colder.                                   |
|    |   |  |

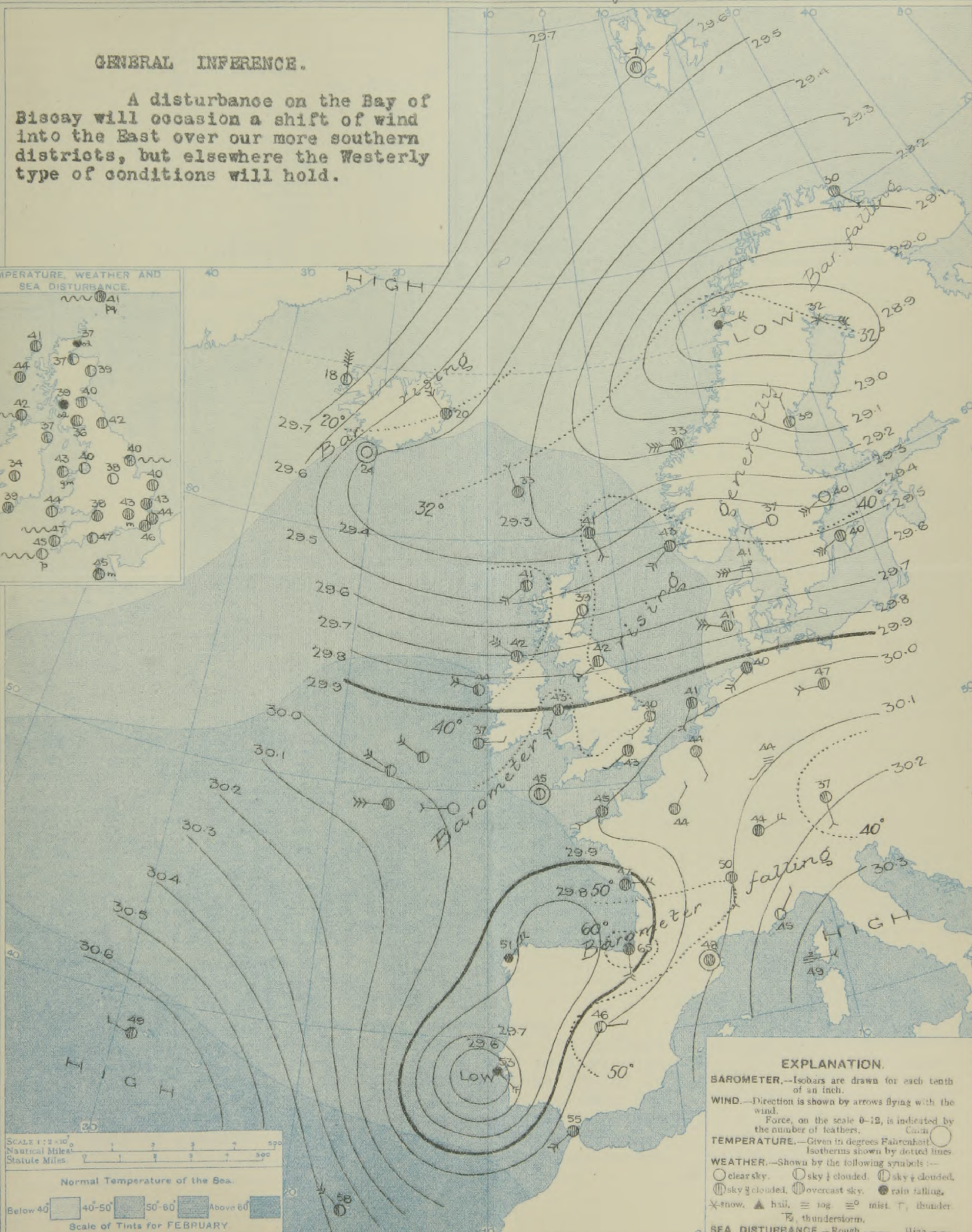
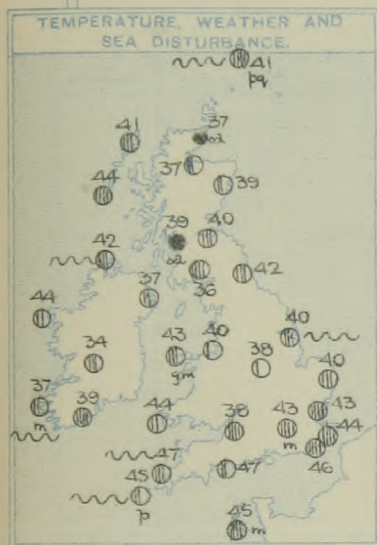
Western Channel and Bay. 11

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., Monday, 16<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

A disturbance on the Bay of Biscay will occasion a shift of wind into the East over our more southern districts, but elsewhere the Westerly type of conditions will hold.



**EXPLANATION.**

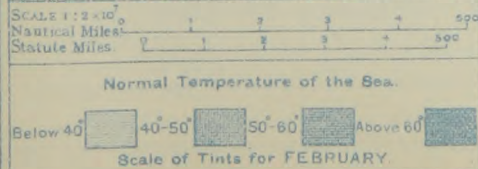
**BAROMETER.**—Isobars are drawn for each tenth of an inch.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ● rain falling.  
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~



## DAILY WEATHER REPORT

Monday, 16th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.	
16th, 7am	50	15	Lusitania	H	29.99	+0.2	NW	4-5	bc	15th, 6pm	49	16	Acacia	H	29.87	0.0	SW	1-3	r
" "	49	15	Montrose	H	30.01	+0.8	W	6-7	0	" "	54	14	California	O	29.66	+1.6	W	6-7	0
" "	50	14	Gymric	H	29.86	-0.6	NNE	1-3	0	" "	49	12	Montrose	O	29.87	+0.8	W	4-5	c
" "	51	13	Albat	O	29.96	+0.4	NW	4-5	bc	15th, 1pm	54	12	California	O	29.44	+1.7	W	1-3	bc
" "	49	11	Acacia	H	29.99	+0.3	W	1-3	b	" "	48	23	Lusitania	H	29.94	+0.3	NNW	4-5	c
15th, 6pm	48	22	Lusitania	H	29.95	-0.2	NW	8-9	bc	" "	50	21	Gymric	O	29.47	+2.4	WNW	8-9	bc
" "	50	17	Dominion	O	29.76	+0.7	W	4-5	bc	" "	49	21	Gymric	H	29.66	+0.9	NW	4-5	b

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban ... ..	In.	F. °	F. °			Hr.	{ Margate ... ..	In.	F. °	F. °			Hr.	
	{ St. Andrews ... ..				*	*			{ Ramsgate ... ..						
Eng. N.E.	{ Harrogate ... ..	0.13	51	43	bc, c	c	0.4	{ Folkestone ... ..	0.06	52	51	*	*	0.0	
	{ Scarborough ... ..	"	52	46	c, b	c	1.3	{ Littlestone ... ..	0.09	50	46	od	o	0.0	
Eng. N.W.	{ Morecambe ... ..							{ Hastings ... ..		*	*	*	*	0.0	
	{ Blackpool ... ..	0.11	50	41	c	bc	0.4	{ Bexhill-on-Sea ... ..	0.14	50	47	rgm	o	0.1	
	{ Southport ... ..	0.09	50	42	c, bc, b	cp, b	2.8	{ Eastbourne ... ..	0.16	51	48	o	og	0.0	
								{ Seaford ... ..							
Mid- lands.	{ Buxton ... ..	0.24	52	42	b	b	1.2	{ Brighton ... ..	0.20	49	48	t o	o, bc	0.0	
	{ Leamington Spa ... ..	0.03	53	45	c, bc	c, b	0.7	{ Worthing ... ..	0.26	49	47	rg o	c	0.0	
	{ Malvern ... ..	0.16	52	45	c, bc	bc, b	2.5	{ Littlehampton ... ..	0.06	*	*	*	*	0.0	
								{ Southsea ... ..	0.23	50	48	o	c	0.0	
Wales.	{ Rhyl ... ..	0.08	50	45	o	c, r	1.3	{ Ryde ... ..	0.20	52	45			0.0	
	{ Colwyn Bay ... ..	0.26	50	46	b	b	3.5	{ Ventnor ... ..	0.15	55	45	*	*	0.0	
	{ Llandudno ... ..	0.19	50	47	o	o	0.6	{ Bournemouth ... ..	0.20	52	47	f o	o	0.0	
	{ Bettws y-Coed ... ..														
	{ Aberystwyth ... ..	0.38	49	45	og	bc	0.1								
England, E.	{ Tenby ... ..							{ Weymouth... ..	0.22	51	47	od, bc	bc	0.0	
	{ Skegness ... ..	-	55	42	q, o	q	0.1	{ Exmouth ... ..							
	{ Lowestoft ... ..	-	57	46	c, bc	bc, c, o	1.5	{ Teignmouth ... ..	0.18	53	48	c, bc	q, bc	0.6	
	{ Felixstowe ... ..	0.03	55	45	em, og	bc, q	1.9	{ Torquay ... ..	0.35	52	49	c	c	0.6	
	{ Walton-on-Naze ... ..	0.01	54	45	em, c	bc, c, q	1.6	{ Paignton ... ..	0.28	53	49	o, bc	c	0.5	
	{ Southend-on-Sea ... ..	-	55	48	d, bc	b	2.0	{ Falmouth ... ..	0.21	51	46	og, p	cp, q	0.5	
							{ Bude ... ..	0.10	52	47	c, q	c, q	0.4		
							{ Ilfracombe ... ..	0.43	51	46	o, c	c, o	0.0		
							{ Weston-super-Mare ... ..	0.02	51	47	o, bc	p, bc	0.5		

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO DAY.										
	%	%	Hr.	F°	F°	F°	In.			
Greenwich (Royal Obsy.) ...	67	89	1.2	56	41	32	0.01	ops bc	c bc	c bc o
City (Bunhill Row) ...	"	"	0.3	"	"	"	"	"	"	"
Westminster (St. James's Pl.)	80	92	0.3	55	43	?	"	bc	bc	bc m
Camden Sq. (Brit. Rainfall)	"	87	0.3	55	42	38	-	-	-	"
Hampstead (Reservoir) ...	"	91	0.1	53	40	29	-	o bc	bc	bc m
Richmond Park ...	"	"	1.1							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	-	84	0.2	352 Joules		9.8 Milliwatts.		33.0 Milliwatts.		

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

16th Feb. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.10	12.7	5.4
Greenwich ...	7.15	12.14	5.13
Wick ...	7.46	12.26	5.6
Valencia ...	7.57	12.55	5.53

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 50° at many stations, and touched 57° at Lowestoft and Yarmouth. Small amounts of rain fell at nearly all stations. Valencia had over 5 hours of bright sunshine, and Stornoway 4½ hours, but most places had none or less than an hour. As far west as the 30th meridian ships experienced Westerly to North-Westerly winds, light to a gale in force, with very variable weather, occasional rain.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

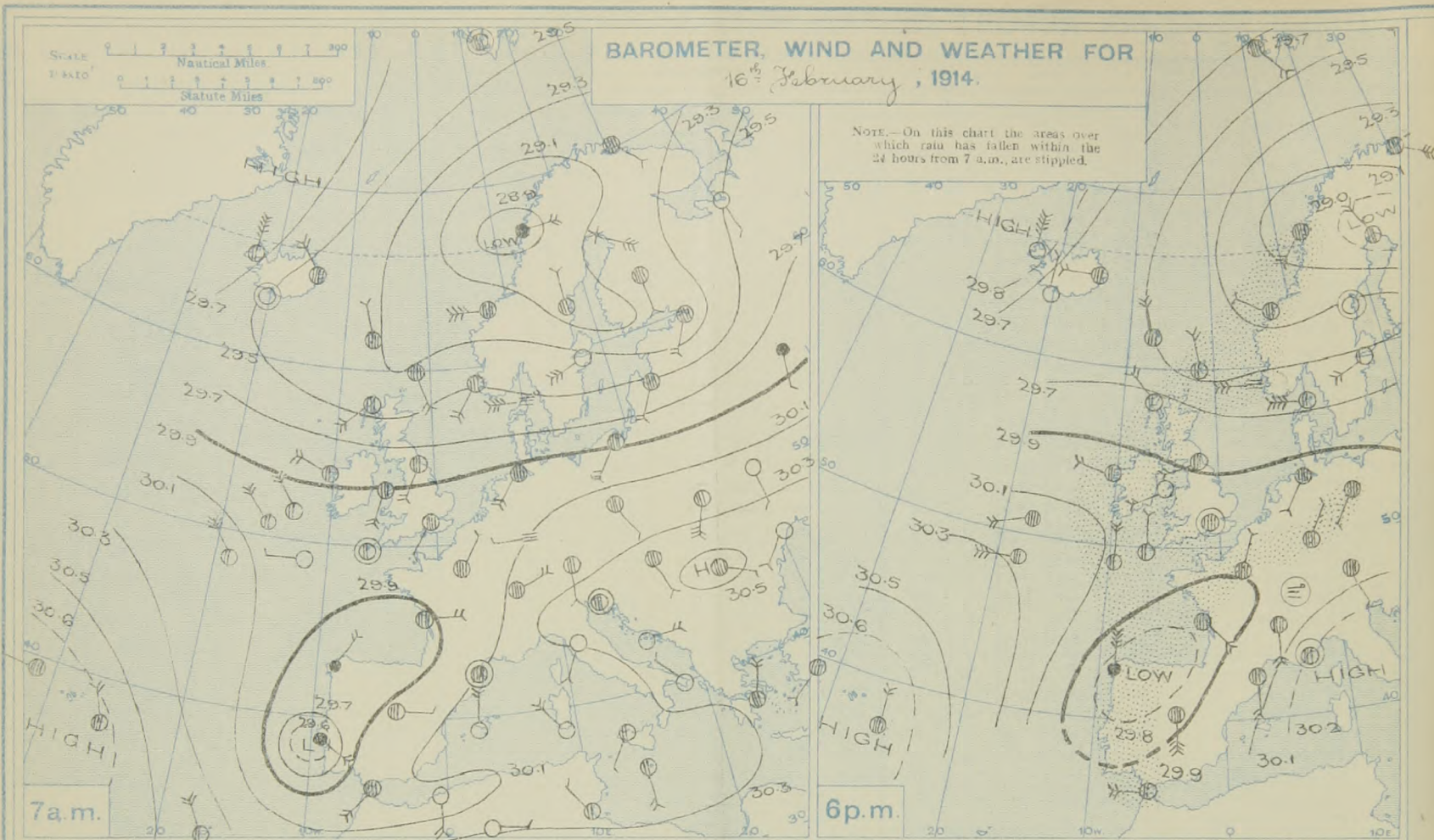
Tuesday,  
17th February, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day
		BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.					
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).			Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
		In.	F.				In.	In.	F.					In.	F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	29.43	38	NNW	3	bc	29.56	+01	39	-2	WSW	3	c	3	0.14	43	34	chp	cp bc	cbg c	*	
	Stornoway ...	29.70	39	NNW	3	bc	29.76	-02	36	-5	NW	3	cp	3	0.18	42	34	caph	cp	cb	0.0	
	Castlebary (Barra Isd.)	29.80	43	NNW	4	bc	29.77	-03	42	-2	SW	3	o	4	0.04	44	37	op	op bc	bc o	0.8	
	Glasgow ...	29.83	37	W	5	cdg	29.91	00	35	-4	WSW	3	os	*	0.22	43	34	or sp c	or sp q	o c bc c	0.5	
	Eskdalemuir ...	29.87	36	W	5	cd	29.94	00	32	-4	WSW	4	bex	*	Trace	42	29	o bc c	c op cu	o c bc	2.8	
	Malin Head ...	29.86	40	W	5	c	29.86	-03	38	-4	SW	4	o	2	0.02	45	36	cphq	cphq	om	*	
	Blackrod Point ...	29.96	41	NNW	3	bcp	29.83	-08	42	-2	SW	5	omp	4	0.03	46	38	bcp	bcpv	bemp	*	
	Valencia ...	30.08	42	WSW	1	c	29.88	-05	43	+6	S	4	tm	5	0.20	45	36	cp	bcpv	cbm r	3.1	
	Roche's Point ...	30.05	42	N	2	b	30.06	*	40	+1	SW	1	o	2	0.02	49	34	o bc	bc b	b op	*	
	Birr Castle ...	30.04	38	W	1	r	29.98	*	34	0	S	1	c	*	0.06	47	31	bc	cp of	bex c	4.8	
	Donaghadee ...	29.93	40	SSW	3	b	29.95	-02	32	-5	W	2	bc	2	Trace	47	32	bc c	bc	bc	*	
	Liverpool Obsy. ...	29.98	41	WSW	2	b	30.03	00	36	-4	WSW	3	b	2	0.01	45	36	o c	o c b	b op	1.2	
	Holyhead ...	30.00	43	WSW	3	bm	30.02	00	39	-4	W	3	bc	2	0.03	48	38	o c o m	c bc bm	se bc c	2.8	
	Pembroke (St. Ann's Hd.)	30.03	45	NNW	1	b	30.09	+01	40	-4	W	2	bcp	2	0.04	51	40	bc	bc	b	2.0	
	Newquay ...	30.01	46	NNW	2	c	30.13	+01	43	+3	SW	2	b	4	-	49	35	o c b	bc ev	bc	2.9	
	Scilly (St. Mary's) ...	30.04	46	N	2	bc	30.15	+01	44	-1	WNW	3	bc	4	-	50	42	bc	c bc	b bc	2.9	
	Jersey (St. Aubin) ...	29.98	42	NE	3	omm	30.19	*	35	-10	NE	2	bm	2	0.34	45	34	om pm	om	om bm	0.0	
	Portland Bill ...	30.01	45	NNE	1	om	30.14	+03	43	-4	W	1	b	3	-	47	41	bc o m	om	o c bc	*	
	Dungeness ...	30.00	43	N	1	or	30.10	+02	37	-9	WNW	1	bc	2	0.35	47	36	o c or	or	cr box	*	
	Dover ...	29.97	41	NNE	1	or	30.09	*	37	-7	SW	1	bmx	2	0.25	47	34	o	op	d om bx	0.0	
ICELAND, FAEROE, &c.	Wick ...	29.62	39	W	3	bc	29.73	-01	33	-4	SSW	3	bex	2	0.06	43	32	c bc q	c q	b c q	*	
	Nairn ...	29.71	36	W	1	cu	29.79	*	34	-3	W	1	bc	1	0.03	43	32	qp bc	cp	bc r	2.2	
	Aberdeen ...	29.72	40	WSW	2	b	29.82	00	34	-5	SW	2	b	2	-	44	34	bc c	bc b	b bc b	0.8	
	Leith ...	29.78	39	WSW	3	bc	29.86	-01	37	-3	WSW	3	b	*	0.03	44	36	o c	cp bc	c bc b	*	
	North Shields ...	29.86	43	WSW	3	cg	29.94	+02	35	-7	WSW	2	bex	2	-	46	35	c	cg	b bc	?	
	Spurn Head ...	29.92	44	W	3	o	29.99	+02	36	-4	WSW	3	bc	2	-	52	34	c	c o m	om	2.6	
	Yarmouth ...	29.98	45	W	1	cm	30.07	+02	34	-6	W	1	b	1	-	47	34	c	cm	cm b	0.0	
	Clacton-on-Sea ...	29.97	45	WNW	1	agn	30.09	+03	35	-8	W	1	bex	1	-	48	35	agn	agn	om bc	0.0	
	Nottingham ...	29.99	44	WNW	3	o	30.06	*	32	-6	WSW	2	bmx	*	-	47	31	bm c	cm o	o c b	2.5	
	Bath ...	30.01	44	N	1	o	30.14	*	30	-8	W	1	b	*	-	48	28	o	o	o bmx	0.0	
SCANDINAVIA.	London (Kew Obsy.) ...	30.00	45	-	0	o	30.12	+04	36	-7	SW	1	bmx	*	-	47	35	om	om	om bmx	0.0	
	Spitzbergen ...	29.69	8	SE	3	o	29.71	00	9	+16	SE	1	o	*	-	9	-8					
	Isafjord ...	29.84	19	N	9	c	29.70	-05	21	+3	NE	5	b	*	*	*	*					
	Reykjavik ...	29.66	20	S	2	b	29.54	-04	24	+7	E	3	c	*	*	*	*					
	Vestmanna ...	29.59	23	N	1	b	29.49	-06	33	+9	E	9	c	2	*	*	*					
	Seydisfjord ...	29.63	22	W	3	c	29.65	-01	24	+4	SW	3	c	*	*	*	*					
	Thorshavn ...	29.44	33	NNW	4	c	29.57	-02	29	-4	NNW	1	b	*	*	*	*					
	Haparanda ...	28.97	30	NNW	4	c	29.06	+02	24	-8	N	2	bc	*	-	32	23					
	Hernösand ...	29.31	37	-	0	b	29.26	-01	24	-15	-	0	b	*	-	41	23					
	Stockholm ...	29.51	41	WSW	4	b	29.40	-04	36	-4	WSW	4	c	*	-	46	34					
GERMANY, &c.	Wisby ...	29.67	39	WSW	4	b	29.55	-04	38	-2	SW	4	c	*	-	43	37					
	Karlstad ...	29.54	40	W	2	c	29.44	-02	36	-1	W	2	o	*	-	46	32					
	Vardö ...	29.16	34	ESE	6	o	29.28	?	31	+1	E	6	o	4	?	34	23					
	Bodö ...	29.06	38	SW	5	o	30.12	00	34	0	ESE	1	b	1	0.39	38	32					
	Christiansund ...	29.25	39	WNW	2	c	29.19	+04	36	+3	W	5	r	5	0.24	43	33					
	Skudesnaes ...	29.59	43	W	6	f	29.60	00	40	-3	NW	8	c	4	0.24	43	34					
	Færder (X'lania Fjord)	29.55	39	SW	6	b	29.42	-03	38	-2	W	2	o	3	-	41	37					
	The Scaw (Skagen) ...	29.67	41	W	8	bc	29.52	-06	40	-1	W	7	bc	2	-	45	37					
	Blaavands Huk ...	29.88	40	WSW	2	m	29.79	00	39	-2	WNW	3	o	2	Trace	43	37					
	Cuxhaven ...	29.95	43	SW	2	o	29.90	00	40	0	W	3	o	0	-	46	39					
FRANCE.	Berlin ...	29.99	46	SW	1	o	29.88	+05	39	-8	NW	4	o	*	Trace	52	39					
	Frankfurt ...	29.93	46	NE	1	o	30.01	+04	42	-2	NW	1	r	*	Trace	52	41					
	Munich ...	30.06	37	SSE	1	o	30.05	+01	42	+5	SW	4	c	*	-	43	36					
	The Helder ...	29.97	41	SW	1	o	30.02	+04	41	0	W	3	b	3	-	45	41					
	Brussels ...	30.08	40	NNE	2	r	30.11	+04	37	-7	WNW	1	o	*	0.24	47	36					
	C. Gris Nez ...	29.96	42	N	2	r	30.13	+04	42	-2	W	5	c	4	0.47	46	39					
	La Hève ...	29.93	40	FNE	4	o	30.18	*	37	-6	NE	1	b	1	0.43	46	36					
	Ushant ...	30.04	48	NE	4	o	30.12	*	46	-2	NNW	3	bc	5	0.08	52	41					
	Brest (St. Mathieu) ...	30.04	44	NE	2	o	30.23	+05	45	-1	-	0	b	5	-	52	43					
	Lorient (Bec Melen) ...	30.04	45	NE	5	o	*	*	39	-4	NE	3	b	3	-	48	37					
SPAIN, PORTUGAL, &c.	Rochefort (Ile d'Aix) ...	29.82	53	SE	4	o	30.06	+10	47	0	ENE	3	m	*	Trace	55	46					
	Biarritz ...	29.80	63	E	2	o	30.06	+04	54	-11	E	2	o	5	-	72	52					
	Paris ...	29.90	47	NE	2	o	30.13	+11	39	-5	NNE	3	o	*	0.04	50	39					
	Belfort ...	30.00	51	-	0	m	30.10	*	47	+3	-	0	o	*	-	55	44					
	Lyons ...	30.04	55	S	4	o	30.16	*	48	-2	-	1	c	*	-	57	47					
	Nice ...	30.22	47	-	0	c	30.24	+01	43	-2	-	0	bc	2	-	57	41					
	Perpignan ...	30.04	55	S	3	o	30.13	+03	50	+2	NE	1	o	*	-	63	48					
	Sanguinaire ...	30.26	55	N	3	m	30.25	*	50	+1	E	3	b	2	-	55	46					
	Corunna (8 a.m.) ...	29.77	54	N	8	r	30.22	00	50	-1	NNE	6	o	7	0.32	54	45					
	Lisbon (9 a.m.) ...	30.08	52	W	4	bc	30.00	*	51	-4	SW	5	bc	3	0.14	60	51					
	Gibraltar ...	30.68	*	SW	4	c	30.60	-02	57	+8	SW	3	o	3	-	59	49					

GALES.  
Duration and Extreme Force  
in British Islands.  
  
Glasgow. 1 p.m.  
Squall WSW 8.

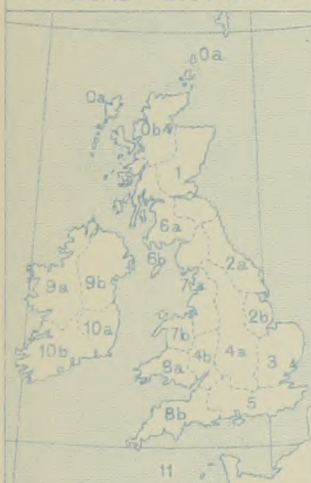
\* Information for these columns not usually received.

† Received too late for insertion in Charts.



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

**No Warnings Issued.**

Western Channel and Bay. 11

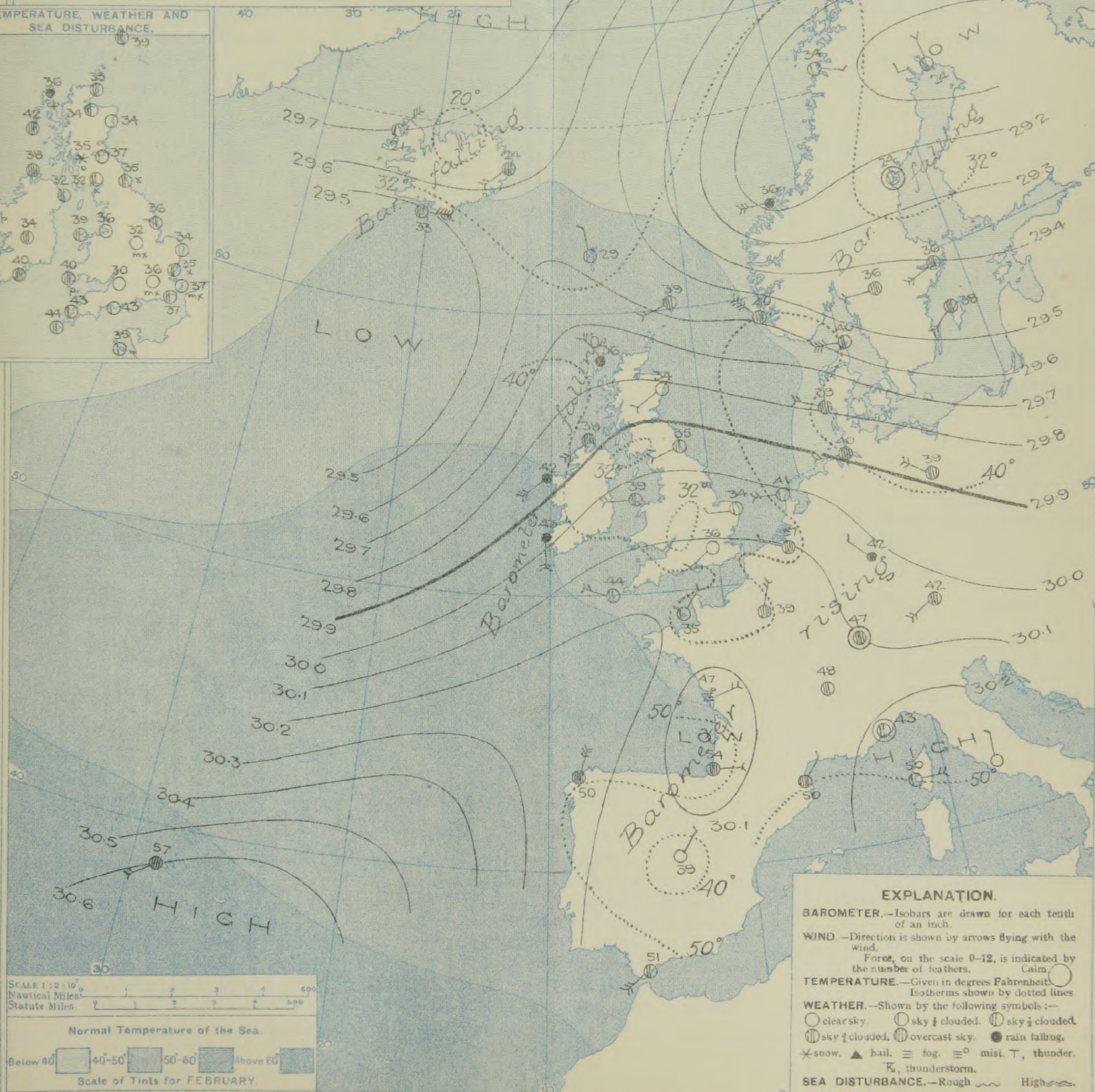
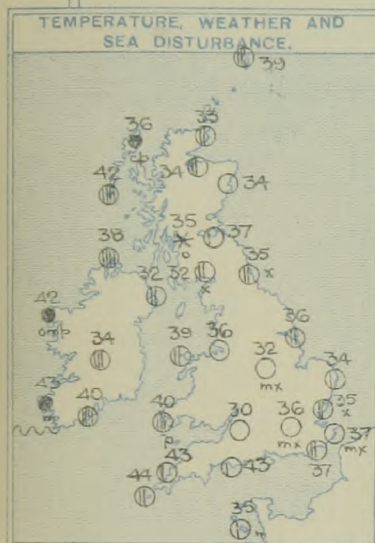
**FURTHER OUTLOOK.**

- |    |   |   |
|----|---|---|
| 0  | a | } Westerly and South-Westerly breezes, increasing, strong and squally later; fine to less settled, some rain; temperature rising somewhat.        |
| 1  | b |   |
| 2  | a | } Light Westerly breezes, backing South-Westerly later and freshening somewhat; fine at first, local mist, cloudy later with local showers; cold. |
| 3  | b |   |
| 4  | a | } Same as Nos. 0 and 1.   |
| 5  | b |   |
| 6  | a | } Same as Nos. 2 to 5.  |
| 7  | b |   |
| 8  | a | } Southerly to Westerly winds, freshening, strong at times in places; cloudy to dull, some rain and mist; moderate temperature.                   |
| 9  | b |   |
| 10 | a | } Very variable winds, mainly South-Westerly later; sea smooth to rather rough; fine to dull, local mist; moderate temperature.                   |
|    | b |   |

# SYNOPTIC CHART FOR 7 a.m., Tuesday, 17<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

A new depression on the upper Atlantic will occasion a general backing of the wind over this country, and a gradual extension eastward of somewhat less settled weather.



## DAILY WEATHER REPORT.

Tuesday, 17th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th, 6 p.m.	50	17	<i>Germania</i>	O	30.16	+0.02	WSW	4-5	0	16th, 7 a.m.	48	18	<i>Mesaba</i>	H	30.15	+0.01	NW	6-7	bc
" "	50	17	<i>Arabic</i>	O	30.20	+0.04	W	6-7	0	" "	50	14	<i>Barmanis</i>	O	29.95	+0.05	WNW	4-5	bc
" "	49	17	<i>Montrose</i>	O	30.26	+0.03	W	6-7	0	" "	49	13	<i>Minnesota</i>	O	30.04	+0.05	W	4-5	bc
" "	51	9	<i>Gymric</i>	H	30.05	-0.04	NNW	1-3	0										

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.	WEATHER.	Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.						
Scot. land.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.	Hr.
(Oban ...)	0.05	43	38	bc	d-o	0.3	Ramsgate ...	0.04	48	42	0
(St. Andrews ...)	-	45	39	*	*	5.5	Folkestone ...	0.01	47	39	*
Eng. N.E.							Littlestone ...	0.10	46	42	0
(Harrogate ...)	0.01	45	39	bc	bc	3.8	Hastings ...	0.20	47	41	0
(Scarborough ...)	*	49	39	bc	bc	2.5	Bexhill-on-Sea ...	0.19	47	42	0
Eng. N.W.							Eastbourne ...	0.13	48	42	0
(Morecambe ...)	-	44	42	bc	bc	1.4	Seaford ...	0.28	48	41	0
(Blackpool ...)	0.01	46	43	o	c	0.4	Brighton ...	0.05	47	43	0
(Southport ...)	0.01	46	42	bc-o-c	bc	1.1	Worthing ...	0.05	47	43	0
Mid- lands.							Littlehampton ...	0.06	47	43	0
(Buxton ...)	-	44	36	bc	bc	3.7	Southsea ...	-	47	43	0
(Leamington Spa ...)	-	47	40	bc-o	o	0.1	Ryde ...	0.04	46	44	0
(Malvern ...)	-	47	40	bc	bc	1.1	Venstor ...	0.05	50	42	0
Wales.							Bournemouth ...	-	47	40	0
(Rhyl ...)	0.05	47	39	bc	bc-o	0.8	Hythe ...	0.16	43	38	0
(Colwyn Bay ...)	0.15	46	40	bc	bc	1.3	Weymouth ...	-	47	41	0
(Llandudno ...)	0.05	47	43	c	bc	1.5	Exmouth ...	-	47	39	0
(Bettws-y-Coed ...)	-	46	43	bc	bc	3.0	Teignmouth ...	-	48	40	0
(Aberystwyth ...)	0.02	46	43	bc	bc	3.0	Torquay ...	-	49	40	0
(Tenby ...)	-	50	?	bc	bc	3.7	Paignton ...	-	53	38	0
England, E.							Falmouth ...	0.01	51	41	0
(Skegness ...)	-	47	35	bc	bc	2.1	Bude ...	-	50	40	0
(Lowestoft ...)	-	48	39	bc	bc	0.0	Ilfracombe ...	0.02	50	41	0
(Felixstowe ...)	-	47	41	o	o	0.0	Weston-super-Mare ...	-	50	44	0
(Walton-on-Naze ...)	-	47	41	bc	bc	0.0					
(Southend-on-Sea ...)	-	47	40	o	o	0.0					

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	24 HOURS ENDED 9 A.M. TO-DAY.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	81	85	0.0	48	35	23	-	0	0	0.6-6.5
City (Bunhill Row) ...	81	85	0.0	48	35	23	-	0	0	0.6-6.5
Westminster (St. James's Pk.)	83	89	0.0	49	34	31	-	0	0	0.6-6.5
Camden Sq. (Brit. Rainfall)	79	86	0.0	47	34	31	-	0	0	0.6-6.5
Hampstead (Reservoir) ...	81	86	0.0	46	33	18	-	0	0	0.6-6.5
Richmond Park ...	81	86	0.0	46	33	18	-	0	0	0.6-6.5
Kew. (See front page.)	81	86	0.0	46	33	18	-	0	0	0.6-6.5
S. Kensington (Roof of M.O.)	79	87	0.0	47	35	23	-	0	0	0.6-6.5

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Sun- shine for Yester- day.
		Max.	Min.					
Dublin to 4 p.m.	0.02	47	39	26	bc	bc	bc	0
Plymouth to 9 p.m.	-	49	38	35	o	o	o	0.0
Darwen "	0.01	44	37	34	bc	bc	bc	0.6
Manchester "	trace	47	37	30	bc	bc	bc	1.2
Birmingham "	-	46	37	30	bc	bc	bc	0.6
Oxford to 8 p.m.	-	46	40	33	bc	bc	bc	0.0
S. Kensington (Museum Grounds to 6 p.m.)	-	49	43	32	o	o	o	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

17th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	6.18	12.14	5.15
Greenwich ...	7.13	12.14	5.15
Wick ...	7.44	12.26	5.11
Valencia ...	7.55	12.55	5.55

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° in nearly all parts of this country, and in the night slight frost occurred in several localities. Small amounts of rain fell in the northern and western districts, considerable amounts along the south coast. St. Andrews had 5½ hours of bright sunshine, and central Ireland 4½ hours, but numerous stations had none. As far west as the 20th meridian ships experienced light to strong Westerly and North-Westerly winds, fine to dull.

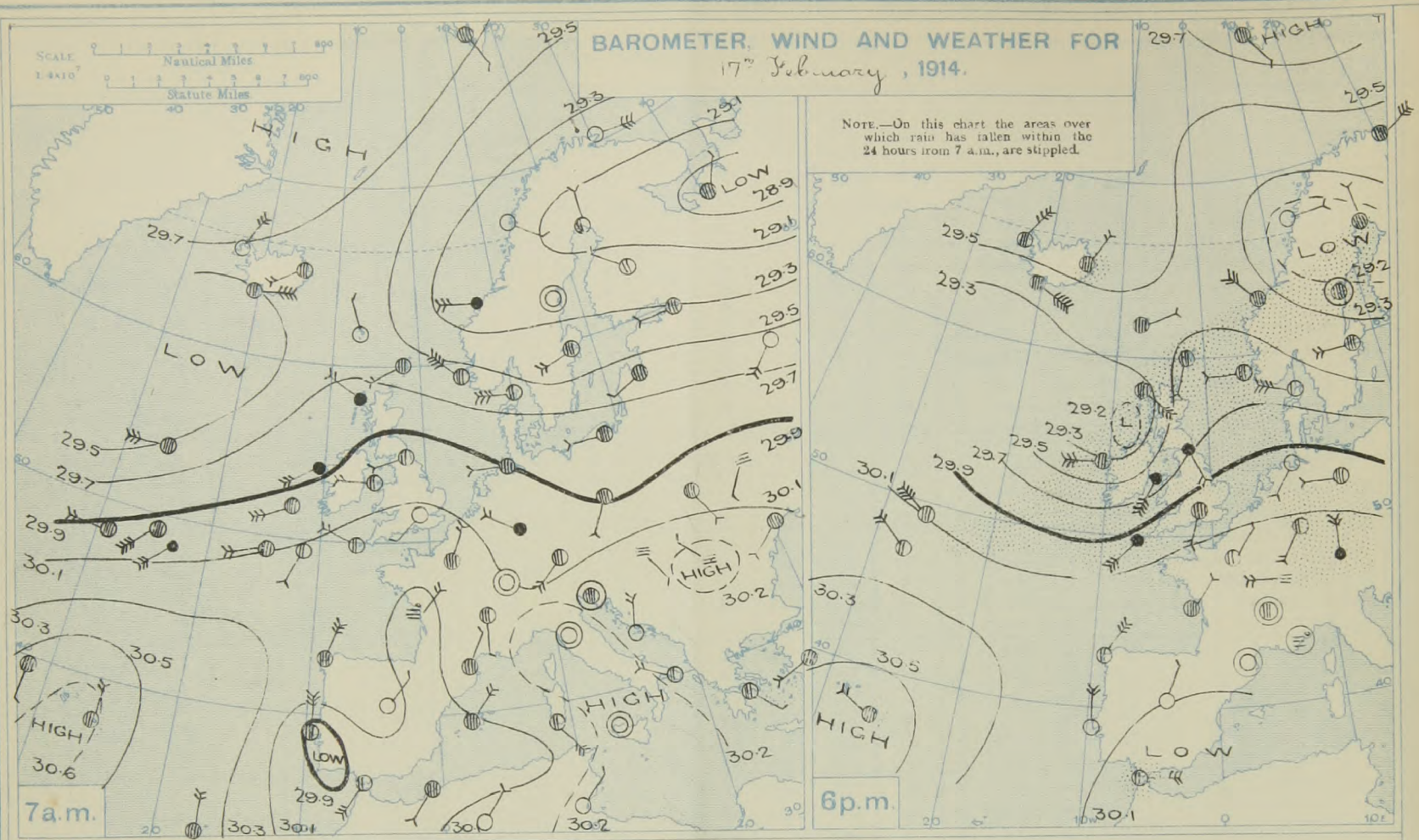
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

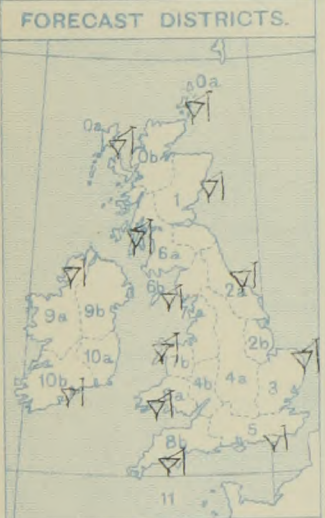
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
18th February 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			Hours		
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Wet Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).			Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.52	38	SSW	2	cg	29.11	-0.6	41	+2	SE	5	0	0.37	42	34	cg bc	bc	bc atq	*		
	Stornoway	29.29	40	SE	7	opq	29.08	+0.2	40	+4	SW	5	0	0.41	44	35	bc opq	opq	bc opq	1.0		
	Castletown (Barra Isd.)	29.11	42	SE	7	r	29.13	0.0	42	0	SW	6	0	0.40	47	39	op	op	bc op	0.0		
	Glasgow	29.46	37	SSW	3	ogr	29.31	0.0	37	+2	SW	3	0	0.34	45	33	sp o	os r	of d cp	0.0		
	Eskdalemuir	29.57	33	S	4	os	29.36	+0.1	34	+2	SW	4	0	0.67	42	31	bc o	os os	os at c	0.0		
	Malin Head	29.19	44	S	6	r	29.25	-0.1	36	-2	WSW	4	0	0.28	44	35	ormq	ormq	cp	*		
	Blacksod Point	29.37	43	W	6	cmq	29.39	-0.1	40	-2	WNW	6	0	1.27	51	36	ormq	ormq	cp phl	*		
	Valencia	29.64	50	W	5	c	29.61	-0.2	39	-4	W	5	0	0.93	51	37	orm	rm bc	cp phl	0.0		
	Roche's Point	29.63	50	SW	6	r	29.61	*	37	-3	W	4	0	0.36	50	36	rm	rm	d b o b	*		
	Birr Castle	29.47	44	SW	5	r	29.51	*	34	0	SW	1	0	0.43	49	33	ot	ot	bc x c	0.0		
	Donaghadee	29.40	44	SSW	4	ormq	29.41	-0.5	35	+3	W	3	0	0.47	47	32	orm	orm	orm bc	*		
	Liverpool Obsy.	29.67	41	S	4	o	29.46	-0.3	40	+4	WSW	5	0	0.06	48	36	bc o	op	otq	1.7		
	Holyhead	29.63	45	SSW	8	ormq	29.51	-0.2	40	+1	WSW	4	0	0.51	48	39	cp c op	ormq	ot bc	1.0		
	Pembroke (St. Ann's Hd.)	29.73	45	SSW	8	o	29.53	-0.4	42	+2	WNW	4	0	0.50	47	39	cp	ormq	otq	1.4		
	Newquay	29.93	45	SW	4	or	29.62	0.0	43	0	W	6	0	0.32	48	39	bc r	o or	ot atq	1.7		
SCANDINAVIA.	Scilly (St. Mary's)	29.92	46	SW	6	or	29.65	-0.2	43	-1	NW	6	0	0.38	48	40	bc c	o om	ot cqp	0.9		
	Jersey (St. Aubin)	30.12	45	SSW	3	bc	29.64	*	44	+9	SW	4	0	0.36	49	35	c bc	b bc	ogmr	7.3		
	Portland Bill	29.98	47	SW	5	c	29.55	+0.1	43	0	NW	5	0	0.53	48	43	bc	bc	c or	*		
	Dungeness	30.05	45	SW	4	c	29.61	-0.8	43	+6	SW	6	0	0.22	47	35	c bc	bc	c bc or	*		
	Dover	30.03	44	SW	5	c	29.59	*	42	+5	SSW	6	0	0.13	48	37	bm x bc	b bc c	c or	7.5		
	Wick	29.46	41	SSE	3	bc	29.11	-0.2	39	+6	SSW	5	0	0.10	42	33	bc b	bc	om c	*		
	Nairn	29.38	39	SSE	3	ad	29.16	*	38	+4	SSW	2	0	0.01	42	33	b bc	cg	bg	3.6		
	Aberdeen	29.55	40	S	5	o	29.24	0.0	36	+2	SSW	3	0	0.15	45	33	b	bc o	otq b	5.7		
	Leith	29.47	40	SSE	3	r	29.28	+0.2	39	+2	W	2	0	0.18	47	36	b bc c	og or	ot c	*		
	North Shields	29.68	39	SSE	3	r	29.39	-0.1	40	+5	SW	3	0	0.05	45	35	c	or	ot c	1.3		
	Spurn Head	29.79	41	SSW	5	r	29.46	-0.2	43	+7	SW	3	0	0.08	44	34	c	c or	ot c	5.3		
	Yarmouth	29.96	44	W	2	b	29.56	-0.3	43	+9	SW	4	0	0.13	47	32	b	b	or	6.8		
	Clacton-on-Sea	30.00	44	SSW	4	c	29.57	-0.7	42	+7	SSW	5	0	0.09	47	35	bc cm	cm c	c ogmr	5.1		
	Nottingham	29.85	42	SW	5	r	29.48	*	43	+11	W	2	0	0.11	45	30	bc om	omr	ot op	2.2		
	Bath	29.95	45	SW	4	r	29.55	*	42	+12	W	1	0	0.37	49	28	bm c	c or	ot op	4.7		
	London (Kew Obsy.)	29.98	45	SSW	3	o	29.54	-1.1	44	+8	SSW	3	0	0.20	48	35	bm x bc	bc b o	ot	5.7		
ICELAND, FAEROE, &c.	Spitzbergen	29.72	9	SSE	1	o	29.71	+0.1	7	-2	-	0	0	*	9	5	GALES. Duration and Extreme Force in British Islands			Lerwick. 1 a.m. - 6 a.m. ESE 9 at 3 a.m. Malin Hd. 8 p.m. SSW 9. Holyhead. 5 p.m. - 6 p.m. SSW 8. Pembroke. Squalls 9. 4 p.m. - 11 p.m. SSW 8. Scilly. 6 a.m. Fast 48 m.p.h. Portland Bill. 3 a.m. - 5 a.m. SW 8. Wick. 8 p.m. - mid. SSE 9. Aberdeen. 9 p.m. SSE 42 m.p.h. Nottingham. 1 a.m. SW 8. Bath. 1 a.m. SW 8. Dover. 4 a.m. SSW 8.		
	Isafjord	29.58	28	NE	7	c	29.73	+0.6	25	+4	NE	7	0	*	*	*						
	Reykjavik	29.39	30	E	4	c	29.60	+0.6	22	-2	-	0	0	*	*	*						
	Vestmanna	29.31	32	SE	10	o	29.55	+0.6	31	-2	E	1	0	3	*	*						
	Seydisfjord	29.59	27	NE	3	o	29.65	+0.1	24	0	NE	2	0	*	*	*						
GERMANY, &c.	Thorshavn	29.43	37	ENE	2	o	29.21	-0.1	38	+9	ENE	8	0	*	*	*						
	Haparanda	29.16	26	N	2	o	29.36	+0.7	14	-10	N	2	0	0.08	30	14	Lerwick. 1 a.m. - 6 a.m. ESE 9 at 3 a.m. Malin Hd. 8 p.m. SSW 9. Holyhead. 5 p.m. - 6 p.m. SSW 8. Pembroke. Squalls 9. 4 p.m. - 11 p.m. SSW 8. Scilly. 6 a.m. Fast 48 m.p.h. Portland Bill. 3 a.m. - 5 a.m. SW 8. Wick. 8 p.m. - mid. SSE 9. Aberdeen. 9 p.m. SSE 42 m.p.h. Nottingham. 1 a.m. SW 8. Bath. 1 a.m. SW 8. Dover. 4 a.m. SSW 8.					
	Hernösand	29.22	32	-	0	o	29.38	+0.9	29	+5	NE	2	0	0.04	37	21						
	Stockholm	29.34	37	W	4	c	29.48	+0.2	33	-3	W	4	0	*	41	32						
	Wisby	29.45	38	WSW	4	b	29.61	+0.4	37	-1	WSW	6	0	*	41	36						
	Karlstad	29.44	38	W	4	b	29.54	+0.2	32	-4	-	0	0	*	43	28						
	Vardö	29.48	29	ENE	6	o	29.62	+0.3	24	-7	NE	4	0	3	32	24						
	Bodö	29.19	31	E	2	o	29.40	+0.6	30	-4	E	2	0	2	36	28						
	Christiansund	29.36	39	NW	5	o	29.47	+0.1	36	0	SW	1	0	0	39	34						
	Skudesnaes	29.62	40	W	2	c	29.37	-0.8	39	-1	SSE	6	0	0.39	39	34						
	Færder (X'ianta Fjord)	29.50	39	SW	7	b	29.55	-0.1	37	-1	SW	4	0	0.12	41	37						
FRANCE.	The Scaw (Skagen)	29.65	40	WNW	1	b	29.59	-0.4	37	-3	WSW	3	0	1	43	34						
	Blaavands Huk	29.84	39	W	4	b	29.60	-1.2	39	0	WSW	6	0	0.04	41	37						
	Cuxhaven	29.97	39	SW	2	b	29.72	-0.7	38	-2	S	4	0	1	43	36						
	Berlin	30.00	43	W	2	c	29.96	-0.4	34	-5	S	2	0	0.04	46	32						
	Frankfurt	30.18	37	SW	2	bc	29.97	-0.3	33	-9	-	0	0	0.08	48	30						
	Munich	30.17	39	N	4	r	30.06	-0.4	35	-7	SSW	3	0	0.08	52	34						
	The Helder	30.00	41	SSW	3	b	29.65	-0.8	40	-1	SSW	5	0	0.12	45	39						
	Brussels	30.09	41	SSW	5	b	29.78	-1.1	36	-1	SW	3	0	*	47	34						
	C. Gris Nez	30.05	44	SW	5	c	29.65	-1.0	42	0	SSW	6	0	0.04	46	41						
	La Hève	30.13	44	SW	3	c	29.70	*	41	+0	SSW	6	0	0.55	46	43						
SPAIN, PORTUGAL, &c.	Ushant	29.96	50	SW	4	o	29.72	*	?	?	NW	6	0	0.12	50	43						
	Brest (St. Mathieu)	30.13	47	SW	3	c	29.75	+0.1	47	+2	WNW	4	0	0.12	52	45						
	Lorient (Bec Melen)	30.15	48	NE	2	o	29.90	-0.8	50	+3	WSW	5	0	*	54	46						
	Rochefort (Ile d'Aix)	30.15	54	S	3	o	30.04	-0.1	48	-6	S	2	0	*	61	46						
	Biarritz	30.15	54	S	3	o	30.04	-0.1	48	-6	S	2	0	*	61	46						
	Paris	30.15	42	SE	2	b	29.84	-0.8	42	+3	SSW	2	0	*	50	35						
	Belfort	30.14	43	W	4	f	30.01	*	39	-8	-	0	0	0.12	52	36						
	Lyons	30.17	50	-	0	c	30.06	*	42	-6	S	2	0	*	60	41						
	Nice	30.15	48	-	0	m	30.12	-0.1	47	+4	-	0	0	*	57	43						
	Perpignan	30.18	52	-	0	b	30.06	-0.3	41	-9	W	2	0	*	66	39						
	Sanguinaire	30.21	54	W	2	m	30.19	*	50	0	E	2	0	*	59	46						
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.25	53	NE	6	bc	30.13	+0.2	48	-2	SSE	3	0	4	54	41						
	Lisbon (9 a.m.)																					



**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**



**STORM WARNINGS.**  
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone yesterday at 2.10 p.m. on all coasts

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

Wind between South-West and North-West, strong and squally at times; unsettled, some rain, hail locally, fairer later, moderate temperature.

Western Channel and Bay. 11

Wind between North-West and South-West, strong and squally at times; rough sea; dull, unsettled, some rain; moderate temperature.

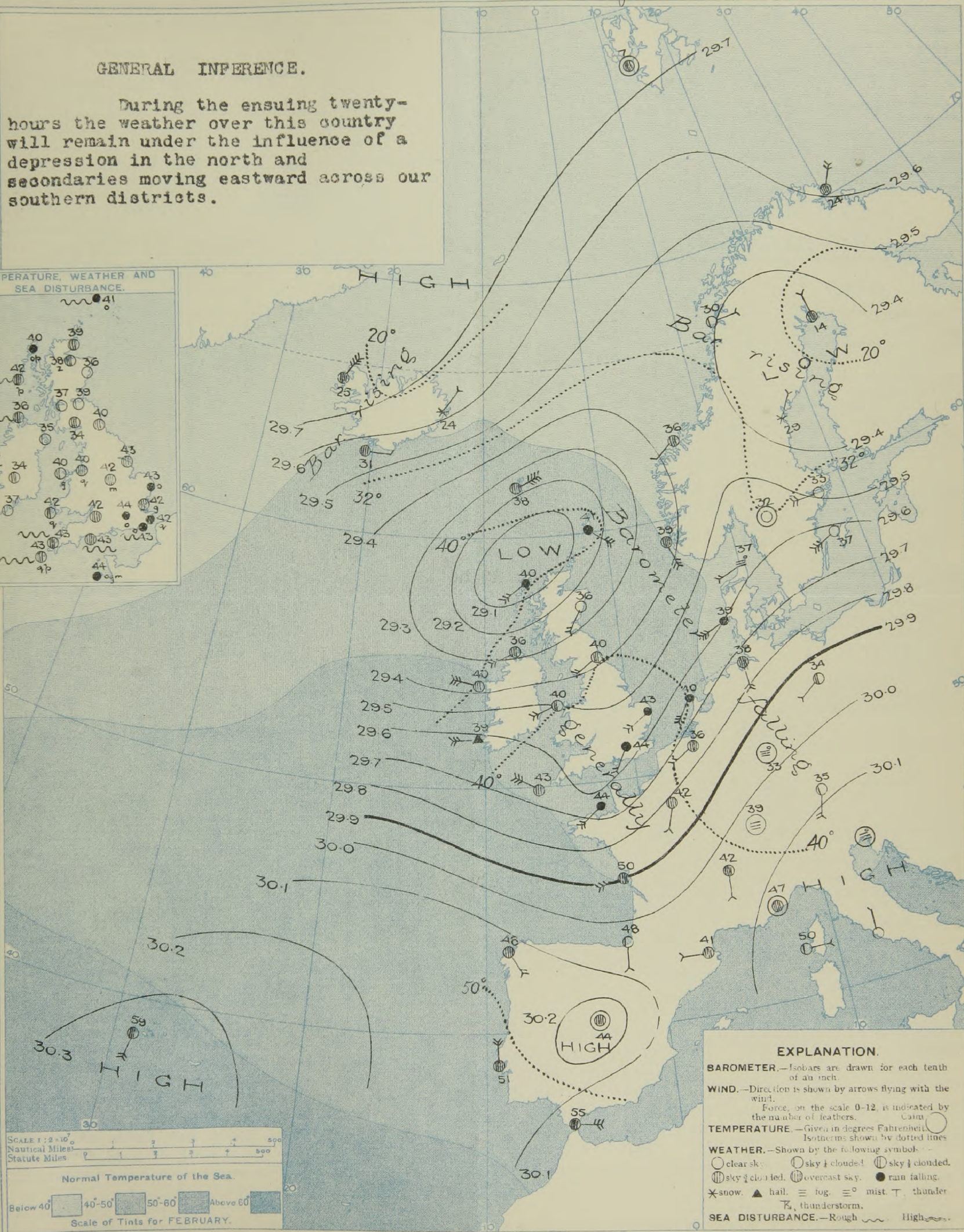
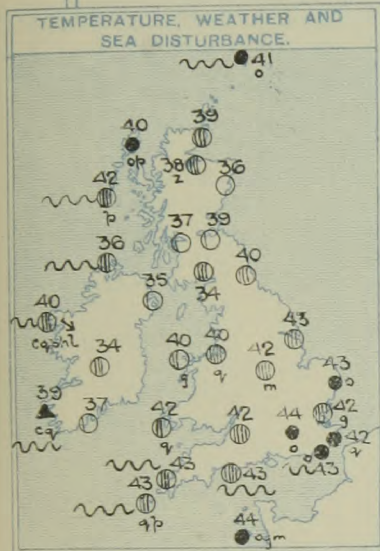
**FURTHER OUTLOOK.**

Unsettled weather is likely to continue.

# SYNOPTIC CHART FOR 7 a.m., Wednesday, 18<sup>th</sup> FEBRUARY, 1914.

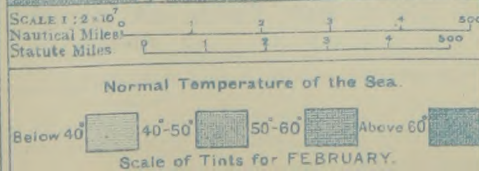
## GENERAL INFERENCE.

During the ensuing twenty-hours the weather over this country will remain under the influence of a depression in the north and secondaries moving eastward across our southern districts.



## EXPLANATION.

- BAROMETER.**—Isobars are drawn for each tenth of an inch.
- WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers.
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
○ clear sky; ○ sky & clouded; ○ sky & clouded.  
○ sky & clouded; ○ overcast sky; ● rain falling.  
✱ snow; ▲ hail; ☼ fog; ☼ mist; ☼ thunder.  
☼, thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~.



## DAILY WEATHER REPORT.

Wednesday, 18th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
	.	.			In.	In.		(0-12).			.	.			In.	In.		(0-12).	
17th, 6 p.m.	47	26	<u>Finland</u>	H	30.26	-05	WNW	4-5	bc	17th, 7 a.m.	48	22	<u>Minnewashta</u>	O	29.92	-12	SW	6-7	r
"	49	25	<u>Arabia</u>	O	30.10	+04	WNW	8-9	c	" "	49	10	<u>Mesaba</u>	H	30.18	-02	SW	1-3	bc
17th, 7 a.m.	48	28	<u>Bedric</u>	O	30.37	-02	W	4-5	O	" "	49	13	<u>Sotland</u>	O	29.99	-14	WSW	4-5	O
"	52	25	<u>California</u>	O	29.75	+11	W	6-7	O	" "	52	12	<u>Sardinian</u>	O	29.94	-16	WSW	6-7	O
"	49	23	<u>Larmanna</u>	O	29.75	-03	SW	8-9	O										

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.		In.	F.	F.			Hr.	Margate ...		In.	F.	F.			Hr.
(St. Andrews ...)								Ramsgate ...		0.04	49	34	b	b	6.5
Eng- land.								Folkestone ...		0.13	48	33			7.0
(Harrogate ...)		0.01	41	35	b, bc.	or	2.3	Littlestone ...		0.17	49	38	b, m, b.	bc, cu	6.6
(Scarborough ...)			45	35	c, b.	o, c.	4.5	Hastings ...							7.0
Eng- land.								Bexhill-on-Sea ...		0.21	49	37	or, b.	b, bc.	7.0
(Morecambe ...)		0.11	41	38	bc, o	or	0.3	Eastbourne ...		0.15	48	37	b, bc.	bc.	6.2
(Blackpool ...)		0.08	44	39	c	or	0.6	Seaford ...		0.22	49	39	b	bc.	7.1
(Southport ...)			45	39	c, bc, o	or	1.3	Brighton ...		0.12	47	44	b	b	7.5
Mid- lands.								Worthing ...		0.04	48	34	b, z, b.	bc, b.	6.9
(Buxton ...)		0.02	40	33	bc	bc	2.8	Littlehampton ...		0.01					7.1
(Leamington Spa ...)			46	30	b	c, b, o.	4.3	Southsea ...			50	35	b.	bc, o	7.5
(Malvern ...)			45		b, bc.	bc, c, o.	3.9	Ryde ...			48	40	b	bc, p.	7.3
Wales.								Ventnor ...		Trace	49	37			7.5
(Rhyl ...)		0.05	45	33	c, o, bc.	bc, r	1.6	Bournemouth ...			50	32	x, b, bc.	bc, c.	7.0
(Colwyn Bay ...)		0.14	45	36	bc, b.	b	2.0	Hythe ...		0.13	51	33	b	b	7.0
(Llandudno ...)		0.06	45	40	o	or	1.4	Weymouth ...			51	32	z, b.	b, bc.	6.6
(Bettws-y-Coed ...)								Exmouth ...			49	32	bc, b.	c, bc.	5.6
(Aberystwyth ...)		0.04	45	38	r, o, c.	c, r	3.5	Teignmouth ...			49	34	b	bc, c.	5.0
(Tenby ...)		0.21	47	43	bc, b.	r	2.8	Torquay ...			49	35	b.	bc.	5.8
England.								Paignton ...			49	32	b	b, bc.	5.3
(Skegness ...)			46	29	b	bc	5.0	Falmouth ...		0.04	49	38	bc	or, r	3.1
(Lowestoft ...)			49	33	bc	bc, c.	5.1	Bude ...			50	45	bc, c, bc.	c, r	?
(Felixstowe ...)			48	33	bm.	bc, m.	5.1	Ilfracombe ...		0.03	47	37	bc, c, p.	c, p, or	3.5
(Walton-on-Naze ...)			46	34	bm, bc.	bc, c, bc.	5.3	Weston-super-Mare ...		0.02	47	35	b, bc.	bc, c.	3.2
(Southend-on-Sea ...)			48	36	b	b	6.6								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	64	89	6.6	49	38	32	0.28	b	bc, o
City (Bunhill Row) ...			2.0						
Westminster (St. James's Pk.)	65	100	5.6	49	37	34	0.26	bc	bc
Camden Sq. (Brit. Rainfall)	67	90	4.0	48	37	40	0.35	bm, bc	bc, c.
Hampstead (Reservoir) ...		93	4.8	46	36	26	0.37	bc	bc.
Richmond Park ...			6.0						or.
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)				Total.	Average Rate.		Max. Rate.		
				574 Joules	15.9 Milliwatts.		40.0 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.13	47	35	33	bc	c, or
Plymouth to 9 p.m.	0.13	50	32	27	or, q.	or, q.
Darwen "	0.42	40	34	32	bc, o, h.	bc, u.
Manchester "	0.32	44	35		b, or, c.	bc, c.
Birmingham "	0.01	43	32	21		bc, c.
Oxford to 8 p.m.		48	32	26	o, bm.	bm, bc.
S. Kensington (Museum Grounds to 6 p.m.)						
		48	36	24	b.	b, bc.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

	18th & 19th Feb. 1914.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.6 12.7	G.M.T. 12.7 5.8	G.M.T. 5.10 12.7
Greenwich ...	7.11 12.14	12.14 5.17	5.19 12.14
Wick ...	7.41 12.26	12.26 5.14	5.14 12.26
Valencia ...	7.53 12.55	12.55 5.59	5.59 12.55

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° in nearly all districts. Rain was general, and in many places exceeded  $\frac{1}{2}$  in., as much as 1.3 in. at Blackpool Point. South-eastern England had 7 hours to 8 hours of bright sunshine. As far west as the 30th meridian ships experienced South-Westerly to North-Westerly winds, light to a gale, with variable weather, rain at times. A gale to a strong gale was felt on many parts of our coasts.

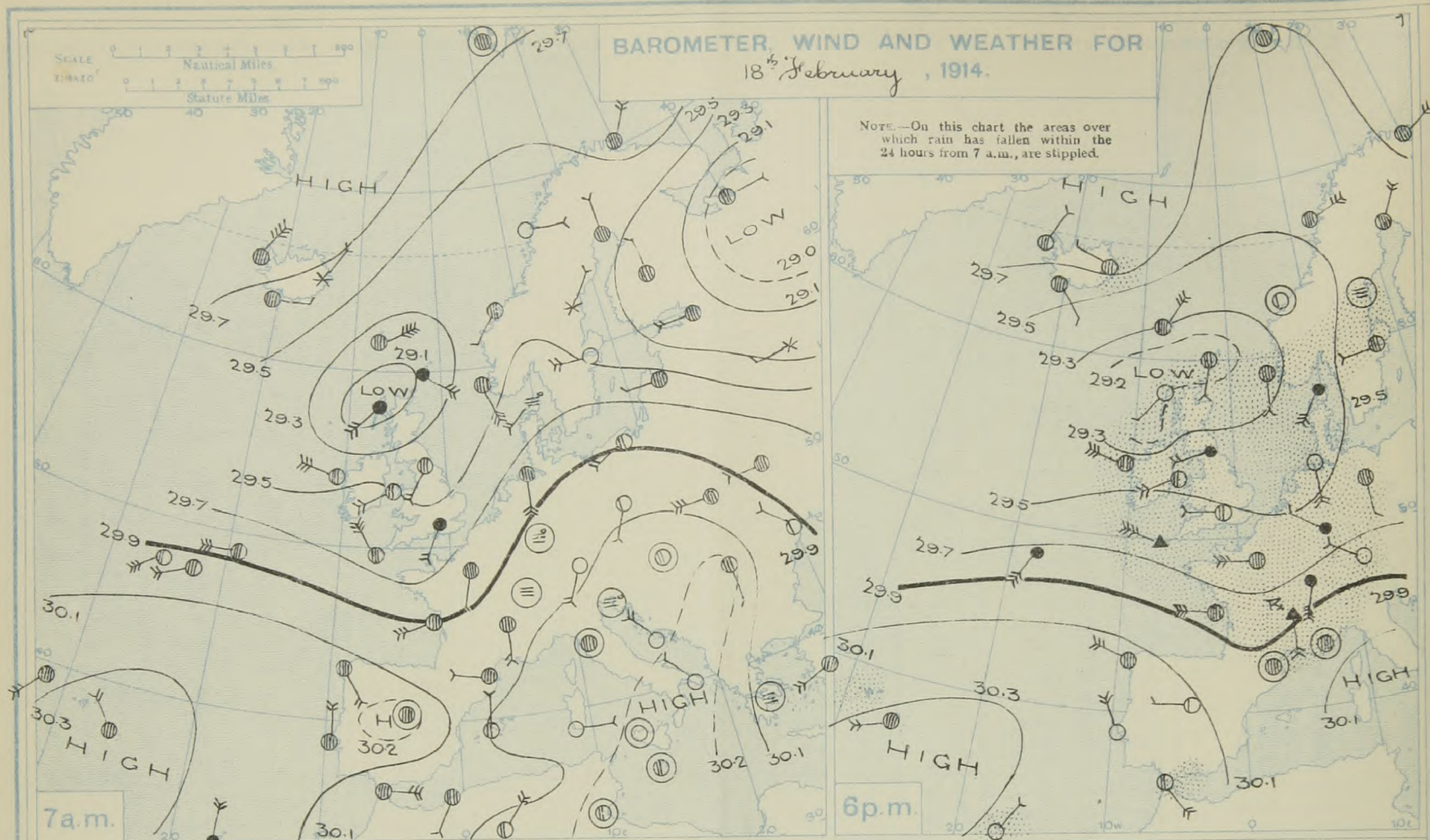
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

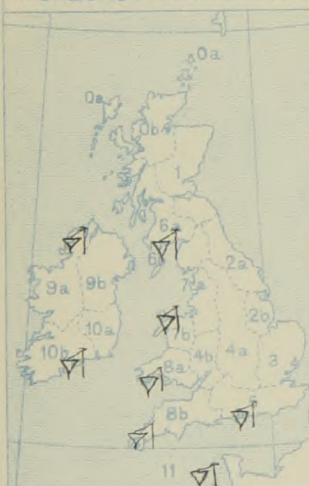
Thursday,  
19th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER			Hours			
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).			Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick ...	29.14	42	SSW	2	c	29.10	00	40	-1	SSE	3	c	2	0.08	46	36	bc	bc	bc	*		
	Stornoway ...	29.20	39	SW	1	b	29.21	-01	36	-4	NW	4	c	4	0.14	45	31	op.bc	bc.b	bc	5.1		
	Castletown (Barra Isd.)	29.15	42	SSE	5	op	29.19	00	39	-3	-	0	c	2	0.18	48	37	op.bc	bc.b	bc	3.6		
	Glasgow ...	29.30	36	WNW	1	c	29.21	-01	34	-3	NE	2	o	*	0.08	39	33	op.bc	bc.b	bc	0.7		
	Esksdalemuir ...	29.33	34	SW	4	o	29.22	00	33	-1	-	0	odm	*	0.09	39	32	c.o	o.s.o	c.o.s.o	3.1		
	Malin Head ...	29.17	42	SW	5	o	29.17	+02	44	+8	W	4	o	4	0.52	45	33	bc.pq	ompq	bc	*		
	Blackod Point ...	29.33	43	WNW	6	ompq	29.30	-02	42	+2	WNW	2	omp	3	0.08	45	38	bc.pq	bc.pq	ompq	*		
	Valencia ...	29.58	42	WSW	4	bc	29.31	-05	47	+8	SSE	2	m	4	0.16	47	38	bc.pq	bc.pq	ompq	4.0		
	Roche's Point ...	29.62	41	NW	3	b	29.37	*	46	+9	SSW	3	r	3	0.06	46	37	bc.pq	r.o.c.bc	b.odm.	*		
	Eirr Castle ...	29.47	37	WSW	1	c	29.34	*	39	+5	S	1	r	*	0.07	42	33	bc.c	ch	b.or	4.0		
	Donaghadee ...	29.36	39	W	3	bc	29.25	+02	40	+5	W	4	cm	3	0.08	42	34	opm	bc	ompq.c	*		
	Liverpool Obsy. ...	29.45	37	WSW	3	bc	29.33	-02	41	+1	SW	5	o	3	trace	43	35	o.bc	c.b.h	bc.c	5.5		
	Holyhead ...	29.48	40	WSW	4	bc	29.36	-01	42	+2	WSW	6	cp	5	trace	44	39	c.bc.c	bc.c	bc.pq	6.4		
	Pembroke (St. Ann's Hd.)	29.55	41	W	4	bc	29.44	-06	44	+2	SW	3	cp	4	0.03	45	39	bc	bc	bc.pq	6.0		
	Newquay ...	29.61	38	W	5	bc.pv	29.46	-06	44	+1	-	0	omp	5	0.19	45	38	bc	bc	b.v.	4.5		
	Scilly (St. Mary's) ...	29.64	41	WNW	7	chpq	29.45	-07	48	+5	SW	4	omp	5	0.11	48	37	cpq	cpq	bc.c	4.7		
	Jersey (St. Aubin) ...	29.66	40	WSW	4	bc	29.64	*	45	+1	SW	4	og	4	0.12	47	40	ogp	chpq.c	c.og	1.7		
	Portland Bill ...	29.59	42	WNW	5	chp	29.55	-04	46	+3	WSW	4	o	4	0.03	46	39	o.c.bc	bcph	bc.c	*		
	Dungeness ...	29.54	43	W	2	c	29.55	-02	43	0	SW	5	cqu	5	0.12	45	43	bc	bc	c.b.p.c.	*		
	Dover ...	29.53	39	SW	1	b	29.55	*	39	-3	SW	4	c	2	0.08	42	34	or.op	o.c.bc	b.b.c	0.1		
ICELAND, FAEROE, &c.	Wick ...	29.17	41	-	0	o	29.13	-01	34	-5	W	3	cm	2	0.06	45	34	c.bc	ogmp	omp.c	*		
	Nairn ...	29.22	38	SW	1	up	29.19	*	24	-9	-	0	bc	1	0.03	43	28	bc	cg	op.c	5.6		
	Aberdeen ...	29.23	37	SW	2	b	29.19	+01	31	-5	WSW	1	b	2	0.02	44	31	b	b	b.op.b	7.4		
	Leith ...	29.26	38	WSW	3	o	29.20	-01	32	-7	WSW	1	of	*	0.01	43	29	c.bc	c.o.p	c.bc	?		
	North Shields ...	29.33	41	WSW	3	p	29.22	-03	39	-1	W	2	o	2	0.07	44	36	e	or.p	r.o.c.	?		
	Spurn Head ...	29.40	40	WSW	3	o	29.29	-07	36	-7	SW	5	bc	4	-	44	36	om	om	om.c	0.0		
	Yarmouth ...	29.45	40	W	2	bc	29.47	-02	33	-10	SW	2	bc	1	0.25	43	32	orm	orm.bc	bc	0.0		
	Clacton-on-Sea ...	29.49	40	WSW	2	bc	29.50	-04	38	-4	SW	4	c	3	0.19	43	34	org	o.c.bc	bc.b.c	1.0		
	Nottingham ...	29.47	38	W	2	b	29.39	*	35	-8	SW	4	b	*	-	45	33	om	om.c.b	b	1.7		
	Bath ...	29.56	41	W	2	b	29.50	*	40	-2	W	3	o	*	trace	48	34	o.bc	o.bc.b	b.b.p.o	4.3		
SCANDINAVIA.	London (Kew Obsy.) ...	29.53	42	W	2	bc	29.51	-03	38	-6	SW	2	om	*	0.11	46	35	or.omic	o.c.bc	bc.bom	1.7		
	Spitzbergen ...	29.69	13	-	0	o	29.73	+03	3	-4	NW	4	c	*	*	13	1	GALES.  Duration and Extreme Force in British Islands.  Scilly 4 p.m. Gust WNW 42 m.p.h.					
	Isafjord ...	29.79	24	NE	2	c	29.67	-03	27	+2	NE	7	c	*	*	*	*						
	Reykjavik ...	29.88	24	ESE	3	b	29.51	-02	24	+2	E	3	b	*	*	*	*						
	Vestmanna ...	29.63	31	SE	1	o	29.46	-04	30	-1	E	3	b	3	*	*	*						
	Seydisfjord ...	29.71	25	WNW	1	c	29.49	-01	26	+2	-	0	s	*	*	*	*						
	Thorsbavn ...	29.30	38	NE	5	o	29.25	-02	35	-3	N	2	c	*	*	*	*						
	Haparanda ...	29.57	18	NE	4	o	29.69	+04	14	0	N	2	b	*	-	21	10						
	Hernösand ...	29.57	28	-	0	f	29.63	+01	27	-2	NE	4	o	*	0.04	30	25						
	Stockholm ...	29.54	35	W	2	c	29.47	-01	31	-2	E	6	s	*	0.12	39	30						
	Wisby ...	29.61	36	WSW	4	c	29.44	-04	34	-3	SE	2	bc	*	-	39	36						
GERMANY, &c.	Karlstad ...	29.51	35	SW	2	o	29.36	-02	33	+1	E	2	s	*	0.28	39	30						
	Vardö ...	29.72	24	ENE	4	o	29.75	-00	25	+1	NE	4	o	3	-	25	21						
	Bodö ...	29.53	26	ENE	5	o	29.58	+02	20	-10	E	4	b	2	-	30	18						
	Christiansund ...	29.34	35	-	0	b	29.24	+03	35	-1	-	0	b	4	-	39	35						
	Skudesnaes ...	29.26	42	S	2	o	29.26	*	36	-3	SSE	2	r	2	0.47	41	34						
	Færder (X'lania Fjord) ...	29.38	37	SE	4	o	29.25	-03	37	0	SE	4	r	3	0.47	37	36						
	The Scaw (Skagen) ...	29.38	38	SSW	5	r	29.25	-03	40	+3	S	3	r	1	0.04	40	36						
	Blaavands Huk ...	29.37	39	SSW	4	r	29.33	+01	39	0	SW	3	o	2	0.16	39	37						
	Cuxhaven ...	29.45	40	S	4	b	29.45	+02	37	-1	W	3	o	0	0.04	46	37						
	Berlin ...	29.66	43	S	1	o	29.47	+01	42	+8	SW	5	o	*	0.08	46	34						
FRANCE.	Frankfurt ...	29.67	39	NW	1	r	29.72	+03	37	+4	SW	3	r	*	0.32	45	33						
	Munich ...	29.73	45	NW	2	b	29.79	+01	36	+1	SW	4	o	*	0.04	52	35						
	The Helder ...	29.41	40	W	6	o	29.47	-01	40	0	SW	5	b	4	0.08	41	39						
	Brussels ...	29.52	39	WNW	1	o	29.65	+01	35	-1	SW	4	o	*	0.12	50	33						
	C. Grs Nez ...	29.52	43	WNW	5	o	29.58	-02	42	0	WSW	6	c	5	0.12	45	41						
	La Hève ...	29.60	39	W	4	c	29.68	*	39	-2	SW	4	o	4	0.16	45	37						
	Ushant ...	29.72	46	WNW	4	c	29.61	*	48	0	SW	4	o	5	0.24	48	43						
	Brest (St. Mathieu) ...	29.76	45	W	5	o	29.65	-08	47	0	SW	4	r	4	0.08	50	43						
	Lorient (Beo Melen) ...	29.85	45	W	5	c	29.85	*	46	+1	SW	4	r	4	0.08	48	39						
	Rochefort (Ile d' Aix) ...	29.85	44	W	6	o	29.85	-04	47	-3	W	3	o	*	0.59	50	43						
SPAIN, PORTUGAL, &c.	Biarritz ...	30.04	52	W	4	o	30.01	-01	51	+3	SW	4	bc	5	-	57	48						
	Paris ...	29.61	43	W	5	r	29.76	-01	34	-8	SSW	2	b	*	0.08	49	33						
	Belport ...	29.72	47	SW	7	r	29.91	*	32	-7	WSW	5	o	*	0.08	52	32						
	Lyons ...	29.88	47	S	4	hrh	29.99	*	39	-3	-	0	bc	*	0.08	53	36						
	Nice ...	30.02	47	-	0	o	29.82	-03	45	-2	W	6	b	b	0.20	50	41						
	Perpignan ...	29.95	52	-	0	o	30.04	00	41	0	SW	1	o	*	trace	59	41						
	Sanguinaire ...	30.13	55	S	3	o	30.08	*	53	+3	W	4	c	*	-	57	48						
	Corunna (8 a.m.) ...	30.16	54	WNW	5	o	30.01	00	52	+4	SW	6	o	7	-	55	45						
	Lisbon (9 a.m.) ...	30.21	52	WNW	4	b	30.20	+02	50	-1	WSW	1	o	*	-								



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone remains up in districts 5 to 11.

Western Channel and Bay. 11

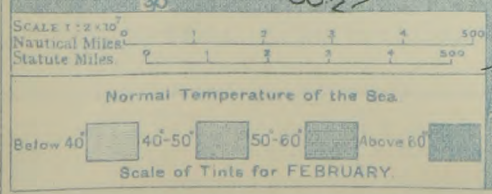
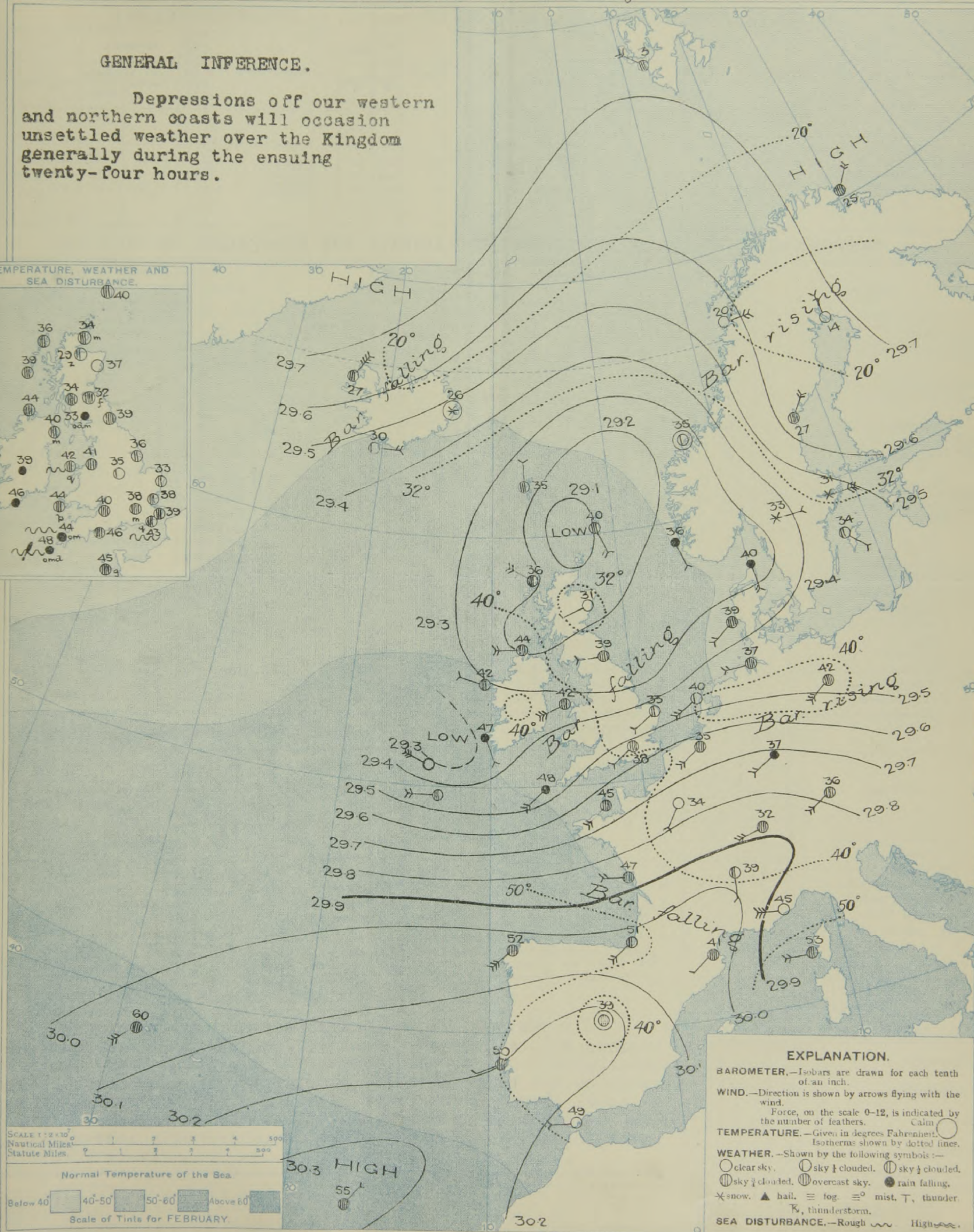
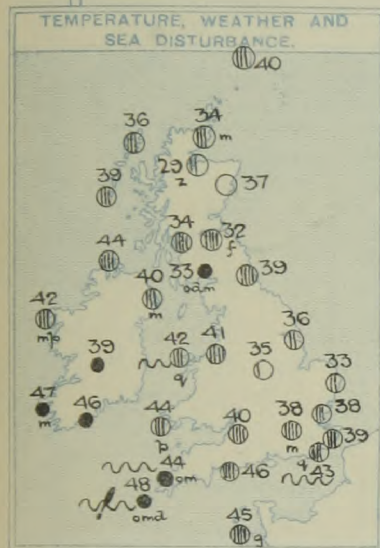
**FURTHER OUTLOOK.**

- |    |   |  |
|----|---|--|
| 0  | a | Calms and light variable to freshening Westerly breezes; changeable, some cold showers; moderate temperature.                                    |
|    | b |  |
| 1  |   | South-Westerly and Westerly breezes, fresh at times; fair to dull, some rain; moderate temperature.  |
|    |   |  |
| 2  | a | South-Westerly to Westerly breezes, strong and squally at times; changeable, some rain, fairer later; temperature rising.                        |
|    | b |  |
| 3  |   | Same as Nos. 0 and 1.  |
|    |   |  |
| 4  | a | Same as Nos. 3 to 5.   |
|    | b |  |
| 5  |   | Moderate Westerly to light variable breezes; fair to dull, some showers; moderate temperature.   |
|    |   |  |
| 6  | a | Freshening Southerly winds, strong at times locally, veering Westerly; unsettled, rainy, fairer later; moderate temperature.                     |
|    | b |  |
| 7  | a | South-Westerly to Westerly winds, strong and squally at times; rough sea; unsettled, some rain, mist or fog, fairer later; moderate temperature. |
|    | b |  |
| 8  | a |  |
|    | b |  |
| 9  | a |  |
|    | b |  |
| 10 | a |  |
|    | b |  |

# SYNOPTIC CHART FOR 7 a.m., Thursday, 19<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

Depressions off our western and northern coasts will occasion unsettled weather over the Kingdom generally during the ensuing twenty-four hours.



### EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky & clouded. ○ sky & rain falling.  
○ sky & clouded. ○ overcast sky. ○ rain falling.  
\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy lines. High wavy lines.

## DAILY WEATHER REPORT.

Thursday, 19th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
19th, 7 a.m.	51	13	Andania	O	29.51	+0.5	NW	8-9	b	18th, 7 a.m.	48	24	Montrose	O	29.94	-0.12	SW	6-7	bc.
" " 4.9	49	12	Finland	H	29.56	0.0	W	4-5	c.	" " 4.8	48	21	Finland	H	30.12	-0.08	WSW	4-5	c.
18th, 6 p.m.	48	17	Finland	H	29.75	-0.11	SSW	6-7	r	" " 4.9	49	18	Gothenburg	O	29.89	-0.01	W	6-7	c.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
Scot- land.	(Oban ... ..	In. 0.47	F. 43	F. 37	cp	bc	0.5	(Margate ... ..	In. 0.13	F. 44	F. 37	or	o	0.0
	(St. Andrews ... ..	0.25	44	35	*	*	4.0	(Ramsgate ... ..	0.09	43	40	*	*	0.0
Eng. N.E.	(Harrogate ... ..	0.12	43	34	o.c.	bc.c.	2.0	(Folkestone ... ..	0.22	44	41	r	c.bc.	0.1
	(Scarborough ... ..	*	43	39	c.b.	c.b.	1.4	(Littlestone ... ..	*	*	*	*	*	0.2
Eng. N.W.	(Morecambe ... ..	0.29	44	38	bc	b	5.3	(Hastings ... ..	0.31	46	41	bc.or	o.b.c.	0.1
	(Blackpool ... ..	0.23	46	38	r.o.c.	cph	4.8	(Bexhill-on-Sea ... ..	0.33	46	41	r.o.	o.b.c.b.	0.5
Mid- lands.	(Southport ... ..	0.23	43	39	c.bc.	bc.c.o.	4.3	(Eastbourne ... ..	0.11	45	41	or.o.	o.b.c.o.	0.4
	(Buxton ... ..	0.51	41	35	cr	bc.	0.9	(Seaford ... ..	0.47	46	41	r	c	0.4
Wales.	(Leamington Spa ... ..	0.17	46	35	c.b.	bc.	2.0	(Brighton ... ..	0.61	46	40	or.o.	o.b.c.b.	0.8
	(Malvern ... ..	?	47	?	bc	b	4.3	(Worthing ... ..	0.59	47	42	r.o.	bc.	0.8
England, E.	(Rhyl ... ..	0.08	44	36	c.bc	bc.r	6.6	(Littlehampton ... ..	0.33	*	*	*	*	1.1
	(Colwyn Bay ... ..	0.13	44	37	bc.b.	bc.s.bc.	6.7	(Southsea ... ..	0.43	47	41	or.b.	bc.p.o.	2.0
England, S.W.	(Llandudno ... ..	0.06	46	42	b	b	6.1	(Ryde ... ..	0.64	46	40	*	*	1.3
	(Bettws y-Coed ... ..	0.41	43	42	r.o.c.	c.bc.	5.0	(Ventnor ... ..	0.42	50	39	*	*	2.0
England, S.W.	(Aberystwyth ... ..	0.41	43	42	r.o.c.	c.bc.	5.0	(Bournemouth ... ..	0.52	48	39	o.c.b.	bc.	2.9
	(Tenby ... ..	0.35	44	39	b	b	7.5	(Hythe ... ..	0.24	45	39	r	o.bc.	0.1
England, S.W.	(Skegness ... ..	0.31	43	38	e.c.	b	0.9	(Weymouth... ..	0.63	47	40	o.c.b.	b.bc.	4.2
	(Lowestoft ... ..	0.40	43	39	or	or.c.	0.0	(Exmouth ... ..	0.09	49	34	b	bc.b.	4.0
England, S.W.	(Felixstowe ... ..	0.27	43	38	m.or	m.or.bc.	0.1	(Teignmouth ... ..	0.21	48	40	bc	bc.	4.2
	(Walton-on-Naze ... ..	0.34	43	39	or.c.	c.bc.	0.5	(Torquay ... ..	0.43	46	39	bc	bc.	4.3
England, S.W.	(Southend-on-Sea ... ..	0.20	46	40	op	c.bc.	1.0	(Paignton ... ..	0.46	49	?	r.p.bc.	bc.b.	4.0
								(Falmouth ... ..	0.56	45	?	c.b.cph.	bcph.	4.7
England, S.W.								(Bude ... ..	0.29	49	39	bcph.	bcph.	5.7
								(Ilfracombe ... ..	0.31	45	38	bc	bcph.c.	3.5
England, S.W.								(Weston-super-Mare ... ..	0.38	45	38	c.b.	b.bc.b.	4.6

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	63	83	0.7	45	33	25	0.06	or	of.c.
City (Bunhill Row) ...	63	84	0.5	46	35	32	0.03	or	bc
Westminster (St. James's Pk.) ...	65	84	1.1	46	35	32	0.03	or	bc
Camden Sq. (Brit. Rainfall) ...	63	83	1.2	47	33	30	0.04	or	bc
Hampstead (Reservoir) ...	*	*	1.7						
Richmond Park ...	*	*	1.7						
Kew. (See front page.)	*	*	1.7						
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				328 Joules		39.0 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.04	47	35	32	bc.b.	b	bc
Plymouth to 9 p.m.	0.53	47	38	34	bc	c.b.	4.5
Darwen "	0.38	43	33	33	or	ow.rsh	2.6
Manchester "	0.26	44	35	35	or	o	2.0
Birmingham "	0.19	44	34	33	r	o	2.0
Oxford to 8 p.m.	*	47	36	29	or.o.	o.c.	*
S. Kensington (Museum Grounds to 6 p.m.)	0.30	45	42	32	or	or.o	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

19th & 20th Feb., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	7.4	12.7	5.10
Greenwich ...	7.2	12.7	5.12
Wick ...	7.9	12.14	5.19
Valencia ...	7.38	12.26	5.14
	7.35	12.26	5.17
	7.51	12.55	5.59
	7.49	12.55	6.1

## NOTES ON YESTERDAY'S WEATHER.

Ventnor was the only station where temperature touched 50°, and in the night slight frost occurred in several localities. Rain, though general, was not heavy. Bright sunshine was very variable, many places had none or less than an hour, Aberdeen and Tenby 7½ hours. As far west as the 22nd meridian ships experienced fresh to strong Westerly and South-Westerly winds, and cloudy weather, with some rain.

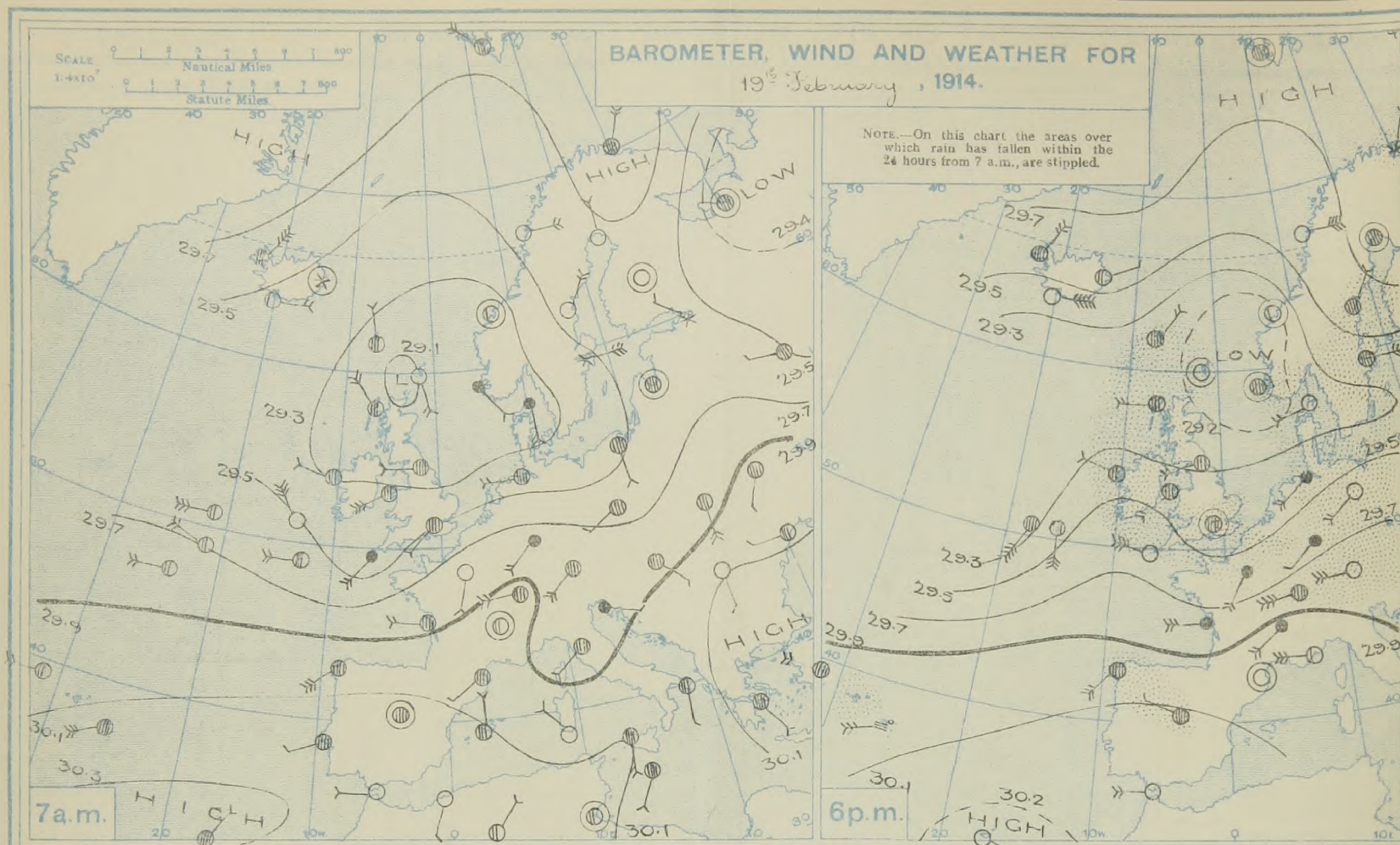
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

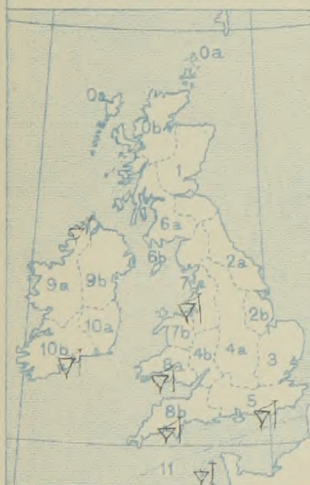
Friday,  
20th February 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.							Sun- shine for yester- day
		BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather	Sea (0 to 9).	TEMP.		WEATHER					
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since yester- day.	Dirac.	Force (0 to 12).			Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
		In.	F.				In.	In.	F.						In.	F.	F.				Hours	
BRITISH ISLANDS.	Lerwick ...	29.15	40	-	0	b	29.30	+0.6	37	-3	SSE	1	bc	1	0.01	45	32	bc	b	bc.	*	
	Stornoway ...	29.22	41	-	0	c	29.29	-0.3	42	+6	SSW	4	c	4	0.03	46	36	bc.c	c	o.c.p.	2.5	
	Castleb. (Barra Isd.)	29.23	42	-	3	op	29.21	-0.3	45	+6	SE	6	op	6	0.07	45	38	c.o	op	op.f.b.c	0.4	
	Glasgow ...	29.26	39	WSW	1	om	29.40	-0.2	37	+3	SE	1	b	*	0.04	41	34	omdp	omdp	op.c.b.c	0.0	
	Eskdalemuir ...	29.27	40	SW	4	o	29.47	+0.1	30	-3	-	0	bc	*	0.08	42	30	cdm.or	cdm.or	op.c.b.c	0.1	
	Malin Head ...	29.25	45	FW	6	c	29.21	-0.5	41	-3	S	5	o	5	0.05	45	41	omp	omp	omp.p	*	
	Blacksod Point ...	29.45	46	WNW	2	bcm	29.17	-0.3	46	+4	WSW	4	omp	4	0.58	49	39	cmpr	cmpr	bc.ogp	*	
	Valencia ...	29.55	47	W	3	c	29.23	-0.5	46	-1	S	3	om	4	0.21	50	43	c.b.p	c	om	7.3	
	Roche's Point ...	29.56	47	NNW	3	b	29.32	*	49	+3	SSW	5	o	5	0.03	51	41	df.c	bc.b	b.opm	*	
	Birr Castle ...	29.48	41	W	1	b	29.28	*	45	+6	S	3	r	*	0.16	46	37	or	or.b	b.or	1.5	
	Donaghadee ...	29.34	44	W	2	cm	29.38	-0.5	40	0	W	2	bc	3	Trace	46	36	cm	cm	b.b.c	*	
	Liverpool Obsy. ...	29.38	42	WSW	3	o	29.50	0.0	37	-4	S	2	bc	2	-	46	36	bc	o.c	bc.	0.9	
	Holyhead ...	29.40	44	SW	3	c	29.47	-0.5	44	+2	S	5	bcq	4	0.01	46	41	e.b.c	p.op.c	o.c.b.c	0.9	
	Pembroke (St. Ann's Hd.)	29.42	46	NNW	4	c	29.46	-0.3	46	+2	SSW	5	bcq	4	0.10	47	44	cp	fr	cp.p	0.5	
	Newquay ...	29.53	48	W	6	bmg	29.51	-0.8	45	+1	SSE	3	o	4	0.05	50	38	or.oma	bmg	c	2.7	
	Scilly (St. Mary's) ...	29.59	49	WNW	7	bcm	29.48	-0.7	48	0	S	5	c	5	0.02	52	45	bcq	bcm	b.b.c	5.2	
	Jersey (St. Aubin) ...	29.54	49	W	5	c	29.72	*	44	-1	SW	3	b	4	0.12	51	41	ogmd	ogps	o.c.b.	0.0	
	Portland Bill ...	29.39	48	WNW	5	cp	29.64	+0.1	45	-1	WNW	3	c	3	0.04	49	44	c.od	cp	c.b.c	*	
	Dungeness ...	29.41	45	SW	3	d	29.68	+0.4	37	-6	WSW	2	bc	2	0.15	46	36	c.op	op	or.f.b.c	*	
	Dover ...	29.41	44	SW	3	od	29.68	*	37	-2	W	1	b	3	0.09	45	37	cp.s.c	or.od	or.c.b.c	0.0	
ICELAND, FAEROE, &c.	Wick ...	29.17	38	W	2	bc	29.30	+0.3	35	+1	SW	3	by	3	0.02	45	33	c	c.b.c	omd.b.c	*	
	Nairn ...	29.22	37	SW	1	cg	29.33	*	32	+3	-	0	bc	1	-	43	26	b	b	bcq	7.4	
	Aberdeen ...	29.22	35	S	1	b	29.38	+0.3	31	0	WSW	1	b	2	-	46	30	b.b.c	bc.b.c	b.c	6.2	
	Leith ...	29.22	42	W	1	o	29.37	+0.2	40	+8	SW	2	b	*	Trace	44	32	og	c.og	o.c.b.c	?	
	North Shields ...	29.28	44	WSW	3	c	29.47	+0.2	38	-1	WSW	2	c	2	-	45	37	or	o	c.o.	4.0	
	Spurn Head ...	29.34	43	WSW	3	c	29.59	+0.4	40	+4	W	3	c	3	-	45	36	bc	o	c.o.	*	
	Yarmouth ...	29.39	44	SW	2	c	29.60	+0.4	36	+3	W	2	bc	1	0.01	47	32	bc	bc.c	cm.b.c	6.8	
	Clacton-on-Sea ...	29.40	44	SSW	3	og	29.65	+0.6	38	0	WSW	2	bc	2	0.03	45	37	cpd	ogd	ogd.b.c	0.2	
	Nottingham ...	29.40	44	WSW	3	o	29.58	*	35	0	WSW	2	cm	*	0.03	46	34	bcm	c.or	op.c.	0.4	
	Bath ...	29.40	47	E	1	r	29.63	*	41	+1	SW	1	o	*	0.12	49	35	opg	o.crgm	r.o.c.	0.0	
SCANDINAVIA.	London (Kew Obsy.) ...	29.39	46	-	0	om	29.64	+0.3	36	-2	W	1	bcmx	*	0.04	47	35	om.ond	omd	omd.o	0.0	
	Spitzbergen ...	29.76	-7	-	0	o	29.85	+0.2	-8	-11	N	1	bc	*	-	3	-11	<b>GALES.</b> Duration and Extreme Force in British Islands  <u>Roches ft.</u> 1 p.m.-3 p.m. NNW 8.  <u>Scilly.</u> 1 p.m.-3 p.m. WNW 8.				
	Isafjord ...	29.60	29	NE	5	o	29.54	0.0	28	+1	NE	8	o	*	*	*	*					
	Reykjavik ...	29.39	33	E	3	c	29.28	-0.4	32	+8	E	4	b	4	*	*	*					
	Vestmanna ...	29.32	35	E	10	b	29.21	-0.3	34	+4	E	9	b	*	*	*	*					
	Seydisfjord ...	29.58	28	ENE	1	bc	29.51	-0.2	27	+1	NE	3	o	*	*	*	*					
GERMANY, &c.	Thorshavn ...	29.24	37	NE	3	o	29.26	-0.2	39	+4	E	3	c	*	*	*	*					
	Haparanda ...	29.72	10	-	0	o	29.73	0.0	9	-5	N	2	bc	*	-	18	5	Duration and Extreme Force in British Islands  <u>Roches ft.</u> 1 p.m.-3 p.m. NNW 8.  <u>Scilly.</u> 1 p.m.-3 p.m. WNW 8.				
	Hernösand ...	29.64	18	NE	2	o	29.68	+0.1	18	-9	N	4	s	*	0.04	27	16					
	Stockholm ...	29.37	32	E	6	o	29.41	+0.2	22	-9	NNE	6	s	*	0.32	32	21					
	Wisby ...	29.28	34	SE	2	r	29.25	+0.1	32	-2	NNE	4	s	*	0.32	39	32					
	Karlstad ...	29.34	29	ENE	4	o	29.49	+0.8	24	-9	E	2	s	*	0.39	36	?					
	Vardö ...	29.77	26	NE	2	s	29.75	+0.1	26	+1	W	4	o	3	?	27	21					
	Bodö ...	29.59	19	E	7	b	29.58	0.0	18	-2	E	7	b	4	-	20	18					
	Christiansund ...	29.19	39	-	0	b	29.34	+0.1	37	+2	SE	1	c	3	-	39	35					
	Skudesnaes ...	29.15	37	-	0	o	29.32	?	39	+3	SSW	8	r	4	0.20	39	36					
	Færder (X'iania Fjord) ...	29.26	36	SE	2	c	29.46	+0.6	28	-9	NNE	4	o	2	0.12	37	28					
FRANCE.	The Scaw (Skagen) ...	29.26	38	WSW	3	o	29.39	+0.6	36	-4	NE	1	o	0	0.08	41	34					
	Blaavands Huk ...	29.31	38	W	2	bc	29.43	+0.1	39	0	WNW	1	c	1	0.08	39	34					
	Cuxhaven ...	29.45	40	SW	4	r	29.46	+0.4	40	+3	W	2	m	0	0.12	43	36					
	Berlin ...	29.58	38	SW	3	b	29.50	-0.1	35	-7	SW	2	c	*	Trace	45	34					
	Frankfurt ...	29.68	39	SW	5	r	29.64	+0.7	41	+4	NW	3	r	*	0.55	45	37					
	Munich ...	29.84	36	W	5	b	29.71	+0.2	41	+5	SW	6	c	*	0.24	41	32					
SPAIN, PORTUGAL, &c.	The Helder ...	29.42	41	SSW	5	c	29.56	+0.6	42	+2	W	3	c	2	-	43	39					
	Brussels ...	29.48	42	S	1	r	29.69	+1.1	40	+5	W	2	bc	*	0.12	44	34					
	C. Gris Nez ...	29.42	43	S	6	r	29.68	+0.6	42	0	W	4	b	4	0.28	45	41					
	La Hève ...	29.52	44	WSW	5	o	29.72	*	43	+4	WSW	3	o	3	0.08	46	39					
	Ushant ...	29.69	51	NW	4	b	29.67	*	50	+2	S	4	o	5	-	50	46					
	Brest (St. Mathieu) ...	29.69	49	NW	4	c	29.65	-0.1	48	+1	SSE	3	o	3	-	52	46					
	Lorient (Bec Melen) ...	29.75	48	NW	5	o	29.75	*	47	+1	SSE	4	r	4	-	52	41					
	Rochefort (Ile d' Aix) ...	29.75	50	W	5	r	29.75	-0.1	44	-3	S	4	m	*	0.28	52	43					
	Biarritz ...	29.91	55	SW	3	o	29.89	-0.1	52	+1	ESE	3	o	5	0.04	57	50					
	Paris ...	29.55	46	SSW	4	r	29.79	+0.7	45	+11	W	3	o	*	0.08	50	34					
SPAIN, PORTUGAL, &c.	Belfort ...	29.83	40	WSW	7	o	29.88	*	40	+8	W	4	r	*	0.12	47	32					
	Lyons ...	29.93	43	SSW	4	r	29.94	*	39	0	-	0	b	*	0.12	47	39					
	Nice ...	29.86	46	W	6	b	29.79	-0.1	49	+4	-	0	c	3	-	57	41					
	Perpignan ...	29.95	50	-	0	b	29.92	+0.1	49	+8	-	0	o	*	-	62	41					
	Sanguinaire ...	29.95	50	-	0	b	29.92	+0.1	49	+8	-	0	o	*	-	62	41					
SPAIN, PORTUGAL, &c.	Corunna																					



#### FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

##### FORECAST DISTRICTS.



##### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.

South Cone remains up in Districts 5, 8, 7 to 11.

- 0 { a } Increasing Southerly winds, strong and squally at times;  
b } fair or fine to dull, some rain; temperature rising.
- 1 { a } Calms and light variable to increasing Southerly  
b } winds; fine at first, less settled, some rain; temperature rising.

- 2 { a }  
b }
- 3 { a } Light Westerly breezes, backing Southerly and  
b } increasing; fair or fine at first, less settled later, some rain; temperature rising.

- 4 { a }  
b }
- 5 { a } Same as No. 0.  
b }

- 6 { a }  
b }
- 7 { a }  
b }
- 8 { a } Increasing squally Southerly winds, strong to  
b } a gale at times; cloudy to dull, some rain; mild.

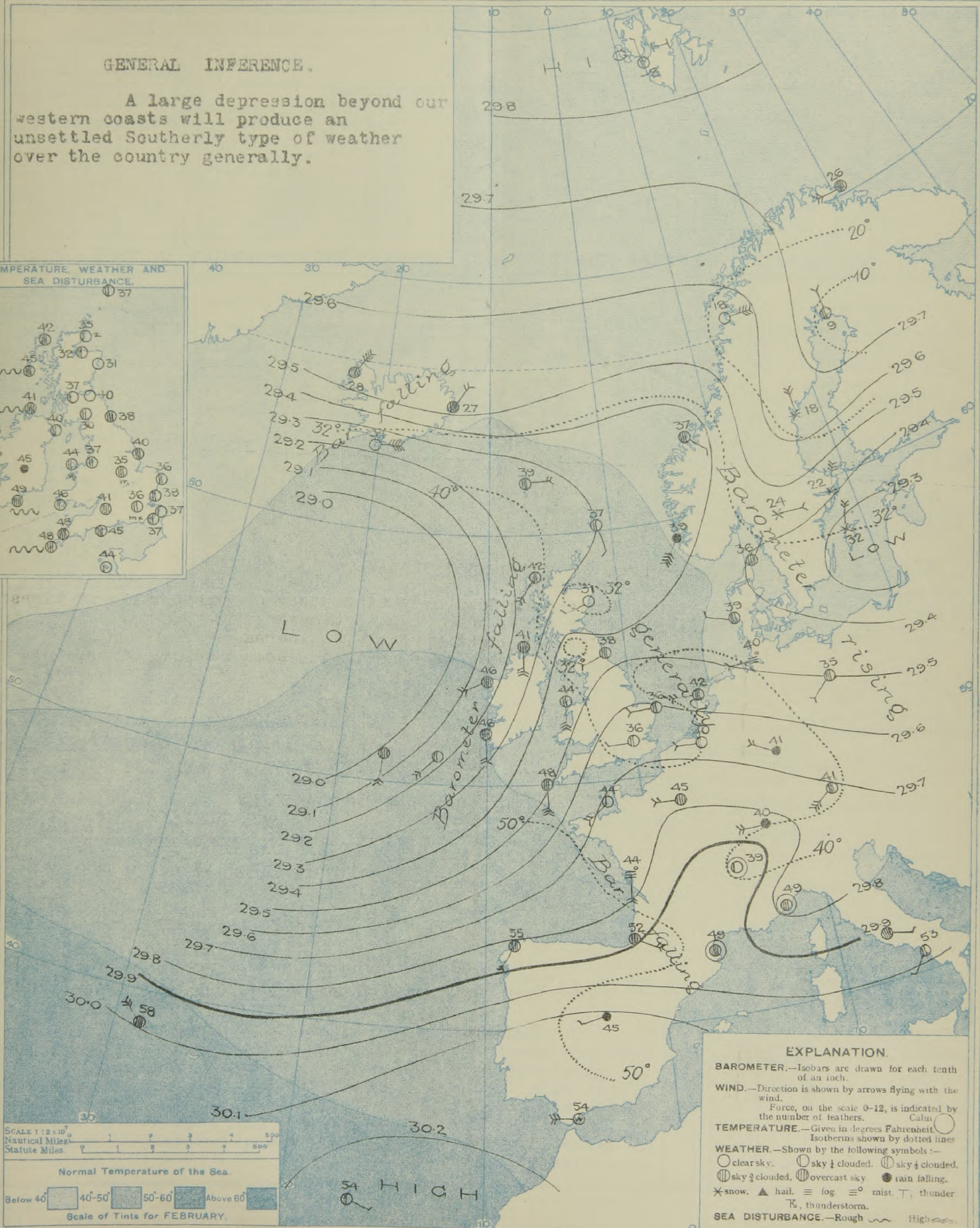
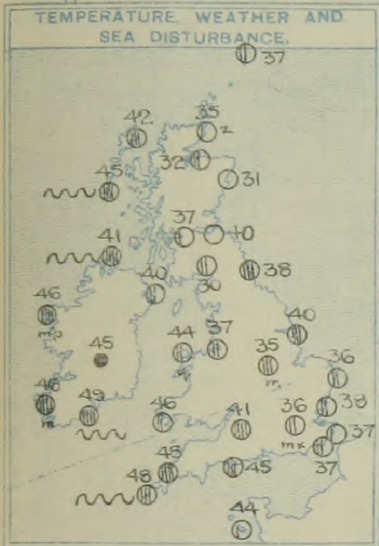
- 9 { a }  
b }
- 10 { a }  
b }
- 11 { a } Increasing squally Southerly winds, strong to a gale at  
b } times; rough sea; cloudy to dull, some rain; moderate temperature.

##### FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., Friday, 20<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

A large depression beyond our western coasts will produce an unsettled Southerly type of weather over the country generally.



## DAILY WEATHER REPORT.

Friday, 20th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th, Jan.	51	13	Virginian	O	24.19	-.02	SW	4-5	bc.										
"	50	17	Olympic	O	24.00	-.12	S	4-5	o										
19th, 6 p.m.	50	17	Andania	O	24.25	-.10	SSW	8-9	o	19th, 7 a.m.	48	23	Gothland	O	24.59	-.03	W	4-5	bc.
"	50	16	Tautonic	H	24.27	-.08	SSW	6-7	o	"	50	20	Tautonic	H	24.54	-.02	WSW	4-5	b
"	50	15	Megantic	H	24.47	-.06	S	6-7	o	"	50	20	Sardinian	O	24.64	.00	W	6-7	bc.
"	51	10	Virginian	O	24.55	-.02	WNW	4-5	b	"	49	20	Megantic	H	24.68	-.05	WNW	4-5	bc.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban ... ..	In. 0.02	F. 40	F. 32	bc. c	c. o.	0.0	{ Margate ... ..	In. 0.12	F. 47	F. 32	o	of	0.0	
	{ St. Andrews ... ..				*	*			{ Ramsgate ... ..	—	45	31	*	*	0.1
Eng. N.E.	{ Harrogate ... ..	0.07	42	34	o	c. o.	0.1	{ Folkestone ... ..	0.12	44	34	hr	r	0.0	
	{ Scarborough ... ..	*	44	34	c. b	c. b.	2.6		{ Littlestone ... ..	*	*	*	*	0.0	
Eng. N.W.	{ Morecambe ... ..	0.12	46	42	o	o	0.0	{ Hastings ... ..	0.15	45	33	dp	of	0.0	
	{ Blackpool ... ..	0.04	48	40	dp. c.	c.	0.9		{ Bexhill-on-Sea ... ..	0.13	45	35	of	r. of.	0.0
	{ Southport ... ..	0.02	48	39	b. bc.	bc. c. o.	2.4		{ Eastbourne ... ..	0.13	47	36	ow. r	ouf.	0.0
									{ Seaford ... ..	0.13	47	38	r	o	0.0
									{ Brighton ... ..	0.14	46	36	of. o.	o. of	0.0
									{ Worthing ... ..	0.10	46	32	of	r	0.0
Mid- land.	{ Buxton ... ..	—	42	31	bc	bc	1.0	{ Littlehampton ... ..	0.07	*	*	*	*	0.0	
	{ Leamington Spa ... ..	0.02	47	32	c. b. o.	o	0.2		{ Southsea ... ..	0.05	48	33	gr	r	0.0
	{ Malvern ... ..	—	46	34	bc. c.	c	0.0		{ Ryde ... ..						
Wales.	{ Rhyl ... ..	0.01	46	36			0.2	{ Ventnor ... ..	0.10	48	36	*	*	0.0	
	{ Colwyn Bay ... ..	0.03	46	38	c. bc.	p. bc.	0.0		{ Bournemouth ... ..	0.10	49	34	of	of	0.0
	{ Llandudno ... ..	0.01	47	42	o	c.	0.1		{ Hythe ... ..	0.14	46	29	R. od	od	0.0
	{ Bettws y-Coed ... ..														
	{ Aberystwyth ... ..	0.08	46	42	r. o.	of. c.	0.0								
England, E.	{ Tenby ... ..	0.25	47	45	r	r	0.0	{ Weymouth ... ..	0.10	50	38	od	c. bc. c.	0.2	
	{ Skegness ... ..	—	47	?			4.7		{ Exmouth ... ..	0.05	52	37	bep	c. bc.	0.5
	{ Lowestoft ... ..	—	46	32	bc. c.	c. o.	4.5		{ Teignmouth ... ..	0.09	52	35	of	bcg	0.0
	{ Felixstowe ... ..	0.02	46	34	om. o.	om. o.	0.3		{ Torquay ... ..	0.07	52	36	o	c	1.1
	{ Walton-on-Naze ... ..	0.03	45	34	o	cp. cdg	0.0		{ Paignton ... ..	0.07	53	39	od. c.	c. bc. c.	1.0
	{ Southend-on-Sea ... ..	0.02	45	33	o	p	0.0	{ Falmouth ... ..	0.31	52	37	ofq	bc	4.6	
								{ Bude ... ..	0.18	51	40	qr. c. o.	qd. p.	0.0	
								{ Ilfracombe ... ..	0.13	50	39	om. o.	od. o.	0.2	
								{ Weston-super-Mare ... ..	0.12	48	36	cd	dr.	0.0	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	92	91	0.0	48	35	26	0.01	o	odp. od. p. b. x
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	94	92	0.0	47	36	32	0.01	o	of. d. x. b.
Camden Sq. (Brit. Rainfall)	94	94	0.0	47	35	31	0.03	o	od
Hampstead (Reservoir) ...	*	97	0.0	45	35	22	0.04	o. cm.	of. p. f.
Richmond Park ...	*	*	0.0						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
301 Joules				8.2 Milliwatts.		23.0 Milliwatts.			

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

Look G. 21st Feb., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.2	12.7	5.12
	7.0	12.7	5.14
Greenwich ...	7.7	12.14	5.21
	7.5	12.14	5.23
Wick ...	7.35	12.26	5.17
	7.32	12.26	5.20
Valencia ...	7.49	12.55	6.1
	7.47	12.55	6.3

## NOTES ON YESTERDAY'S WEATHER.

Temperature passed a little above 50° on the southern coasts, and in the night frost occurred locally in the north and east, Nairn registering a shade minimum of 26°. Slight rain fell nearly everywhere. Many places had no bright sunshine, while Nairn and Valencia had nearly 7½ hours. As far west as the 25th meridian ships experienced Southerly to Westerly and North-Westerly winds, moderate to a gale, with fine to dull weather.

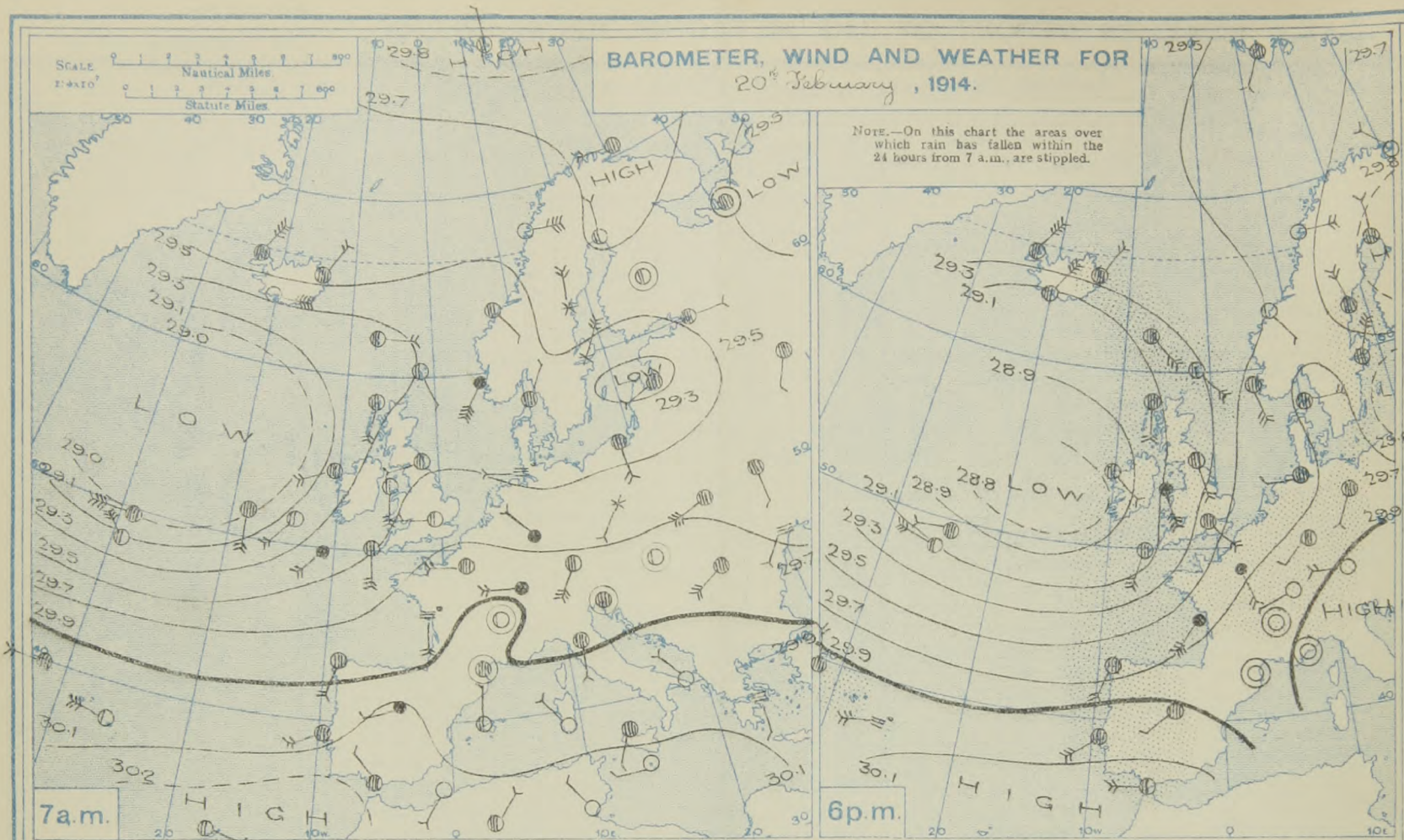
NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

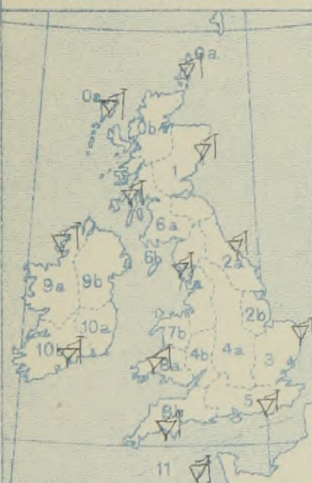
Saturday  
21st February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		TEMP.		WEATHER.		TEMP.		WEATHER.		WEATHER.			
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	Hours			
BRITISH ISLANDS.	Lerwick ...	29.28	43	SE	4	bc	28.90	-0.4	43	+6	SE	10	otg	8	0.11	45	37	bc.cp	cp.bc	otg	*			
	Stornoway ...	29.09	44	S	4	op	28.66	-1.0	43	+1	S	4	or	4	0.29	44	41	c.odg	op	c.or	0.0			
	Castlebay (Barra Isd.)	29.09	44	E	4	op	28.58	-0.2	44	-1	SSW	4	dp	5	0.30	47	41	pg.rap	op	rop	0.0			
	Glasgow ...	29.12	42	SE	4	o	28.74	-0.4	40	+3	SW	4	od	*	0.24	45	35	o	odp	op.odp	0.0			
	Eskdalemuir ...	29.16	41	SW	4	or	28.80	-0.2	38	+8	SSW	5	o	*	0.83	44	30	c.o	o.od	r.o	0.1			
	Malin Head ...	28.82	43	S	4	r	28.62	-0.2	38	-3	SSW	5	bc	5	0.18	44	36	orm	orm	bcp.	*			
	Blacksod Point ...	28.81	44	SE	2	cpm	28.70	+0.3	43	-3	WSW	6	ogmp	5	0.28	47	38	od	cpm	ogmp	*			
	Valencia ...	28.80	44	SSW	2	om	28.92	+0.7	38	-8	WSW	7	ogp	6	0.83	48	37	o.cr	rti	mrq	0.0			
	Roche's Point ...	28.92	46	SSW	4	r	28.99	*	40	-9	W	3	c	4	0.54	49	38	m.o.c	c.or	dp.cpc	*			
	Birr Castle ...	28.86	46	SE	2	c	28.86	*	36	-9	SW	2	c	*	0.69	48	34	or	of.c	cps	0.2			
	Donaghadee ...	29.03	45	S	6	rmq	28.80	+0.7	37	-3	SW	3	bc	4	0.25	47	36	c	rmq	mrq.bc	*			
	Liverpool Obsy. ...	29.16	45	SE	4	c	28.99	+0.3	39	+2	SSW	3	o	3	0.17	48	37	o	bc	or	0.3			
	Holyhead ...	29.15	48	SSE	7	otm	28.92	+0.1	42	-2	SW	6	cgg	7	0.65	49	40	c.o.bc.c	op.opm	of.b.c	0.3			
	Pembroke (St. Ann's Hd.)	29.05	48	S	6	c	29.05	+0.1	41	-5	WSW	6	bcg	6	0.30	48	40	bcg	ogp	cp	0.3			
	Newquay ...	29.13	51	ENE	5	o	29.13	+0.1	40	-5	SE	4	o	4	0.22	51	40	o.op	op	gr.or	0.0			
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.09	50	SSW	6	cm	29.12	+0.2	45	-3	SSW	5	bcpr	6	0.24	52	40	c.comp	omp.cm	cq.bc	0.0			
	Jersey (St. Aubin) ...	29.44	49	S	4	r	29.31	*	46	+2	S	4	ogm	4	0.24	52	43	cog	ogr	ogm	0.7			
	Portland Bill ...	29.32	49	S	6	o	29.21	+0.4	47	+2	SW	5	c	6	0.43	49	40	c.o	or	of.c	*			
	Dungeness ...	29.52	46	SSE	5	og	29.31	0.0	46	+9	SW	7	bcg	7	0.11	49	36	bc.o.c	cq	cp.bc	*			
	Dover ...	29.50	45	SSW	5	cp	29.32	*	45	+8	SW	5	c	6	0.06	49	37	bc	c.bcp	of.o.c	5.2			
	Wick ...	29.19	42	SSE	4	r	28.68	-1.4	44	+9	SE	6	omqr	5	0.57	44	34	bz.bcc	cd.orm	omp.gr	*			
	Nairn ...	29.15	43	SW	1	ogm	28.63	*	41	+9	-	0	tu	1	0.06	45	30	me	og	dq.o.	0.4			
	Aberdeen ...	29.25	42	SSE	4	c	28.69	-1.5	43	+12	SSW	4	op	4	0.54	45	30	bcg.c	c.o.g	bc.otg	1.7			
	Leith ...	29.16	44	SE	2	o	28.73	-0.5	42	+2	S	3	c	3	0.14	47	37	bcg.c	o	odp	*			
	North Shields ...	29.27	45	S	3	c	28.87	+0.3	42	+4	SSW	3	c	3	0.04	47	37	c	og	cr.or	?			
	Spurn Head ...	29.35	45	SSE	4	c	29.03	+0.5	42	+2	SSW	6	or	5	0.02	48	36	c	c	c	2.8			
	Yarmouth ...	29.49	43	S	4	c	29.21	+0.1	45	+9	SSW	6	bc	4	-	48	34	bc	bc.c	o.bc	2.8			
	Clacton-on-Sea ...	29.50	44	SSE	4	c	29.26	+0.4	43	+5	SW	6	bcg	5	0.04	48	37	bc.c.o	o.c	c.op.bc	3.6			
	Nottingham ...	29.33	46	S	4	o	29.10	*	41	+6	SSW	6	bc	*	0.07	50	33	com	o	op	0.5			
	Bath ...	29.30	46	SSE	2	r	29.20	*	41	0	SW	5	bc	*	0.36	52	39	o	or	r.og.bc	0.6			
	London (Kew Obsy.) ...	29.41	46	SE	4	o	29.25	+0.5	41	+5	SSW	3	b	*	0.14	50	36	bc.m.bc.c	od.o	og.bc	1.0			
SCANDINAVIA.	Spitzbergen ...	29.56	-8	SSW	2	o	29.93	+0.1	-7	+1	-	0	o	*	?	-9	-24	GALES.					Duration and Extreme Force in British Islands	
	Isafjord ...	29.46	24	NE	8	c	29.41	+0.1	20	-8	NE	7	c	*	*	*	*							
	Reykjavik ...	29.16	33	ENE	2	b	29.06	-0.4	28	-4	NNE	6	b	*	*	*	*							
	Vestmanna ...	29.06	37	NE	7	c	28.96	-0.2	32	-2	-	0	b	3	*	*	*							
	Seydisfjord ...	29.41	27	NE	3	o	29.18	-0.4	24	+2	E	4	s	*	*	*	*							
	Thorshavn ...	29.44	42	SE	5	o	28.84	-0.8	41	+2	ESE	5	r	*	*	*	*							
GERMANY, &c.	Haparanda ...	29.82	4	N	2	b	29.95	+0.4	-1	-10	N	2	f	*	-	16	-9						Lerwick. Midst.-7 a.m. SE. 10. Holyhead. Between 1 p.m. and 6 p.m. Squalls SSE. 9. Between 6 p.m. and 9 p.m. Squalls 45 m.p.h. Scilly. 11 p.m. and 1 a.m. Squalls 9. Portland Bill. Midst.-3 a.m. SW 8. Spurn Hd. 4 a.m. SSE 8. Yarmouth. 4 a.m. S 8. Nottingham. 3 a.m. SSW 8. Bath. ? S. 8.	
	Hernösand ...	29.77	18	N	2	o	29.86	?	2	-16	N	0	b	*	0.04	19	1							
	Stockholm ...	29.62	22	NNW	4	o	29.84	+0.2	22	0	NE	2	o	*	trace	22	21							
	Wisby ...	29.56	28	NNE	6	c	29.82	+0.5	27	-5	NE	2	o	*	0.08	32	25							
	Karlstad ...	29.74	21	-	0	o	29.85	0.0	20	-4	E	2	o	*	trace	25	12							
	Vardö ...	29.79	19	NW	2	b	29.79	0.0	12	-14	SW	6	b	4	-	27	12							
	Bodö ...	29.64	18	E	4	b	29.63	0.0	21	+3	ENE	4	b	3	-	21	6							
	Christiansund ...	29.50	36	SE	1	b	29.45	-0.5	31	-6	ESE	2	b	3	-	39	30							
	Skudesnaes ...	29.56	38	SSE	6	o	29.35	?	37	-2	SE	9	o	5	0.08	39	36							
	Færder (X'ania Fjord) ...	29.73	28	EHE	1	o	29.76	0.0	25	-3	E	4	o	2	-	28	25							
FRANCE.	The Scaw (Skagen) ...	29.71	32	E	3	o	29.68	-0.3	32	-4	SE	4	o	1	-	36	28							
	Blaavands Huk ...	29.64	38	SE	1	m	29.45	-0.8	38	-1	SE	6	o	3	-	41	36							
	Cuxhaven ...	29.68	40	W	1	o	29.51	-0.4	37	-3	S	5	o	3	-	45	36							
	Berlin ...	29.72	43	SW	2	o	29.76	-0.1	35	0	S	2	o	*	trace	45	34							
	Frankfurt ...	29.82	45	SW	1	c	29.68	-0.1	38	-3	-	0	b	*	0.04	45	34							
	Munich ...	29.91	41	W	3	b	29.81	-0.1	33	-8	S	2	o	*	-	45	30							
	The Helder ...	29.63	40	SSE	2	bc	29.36	-0.1	47	+5	SSW	5	o	2	0.08	47	39							
	Brussels ...	29.63	46	SW	4	o	29.45	+0.2	48	+8	SW	4	o	*	0.12	52	39							
	C. Gris Nez ...	29.51	46	S	6	o	29.36	+0.1	46	+4	SW	7	c	6	0.12	50	45							
	La Hève ...	29.49	47	SE	5	o	29.30	?	45	+2	SW	5	o	6	0.12	48	39							
SPAIN, PORTUGAL, &c.	Ushant ...	29.26	48	SW	6	r	29.17	*	46	-4	SW	5	o	6	0.08	52	41							
	Brest (St. Mathieu) ...	29.32	50	SSW	5	o	29.25	-0.7	46	-2	SSW	5	o	5	0.32	52	43							
	Lorient (Bec Melen) ...	29.32	51	SSW	5	o	29.25	-0.7	46	-2	SSW	5	o	5	0.32	52	43							
	Rochefort (Ile d' Aix) ...	29.65	53	SSW	6	r	29.56	-0.1	49	+5	SSW	6	r	*	0.47	55	43							
	Biarritz ...	29.73	59	SSW	4	o	29.66	0.0	59	+7	WSW	4	o	4	-	63	50							
	Paris ...	29.67	46	S	3	r	29.49	+0.2	44	-1	S	3												



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone was hoisted at 7.0 p.m. in Dists 0-3, 6, 6; it remains up in 5, 6, 7 to 11.

Western Channel and Bay. 11

FURTHER OUTLOOK.

0 { a } South-Easterly to South-Westerly winds, strong to a  
b } gale at times; squally, unsettled, some rain; fair intervals; mild.

1 }  
2 { a }  
b }  
3 }  
4 { a } South-Westerly to Westerly squally winds, strong to  
b }  
5 }  
6 { a } a gale at times in places; unsettled, some rain, fair  
b }  
7 { a } intervals; mild.  
b }  
8 { a }  
b }  
9 { a }  
b }  
10 { a }  
b }

South-Westerly and Westerly squally winds, strong to a gale at times; rough sea, high swell; unsettled, some rain and mist; mild.

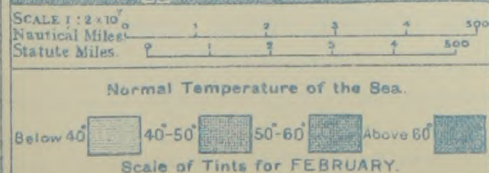
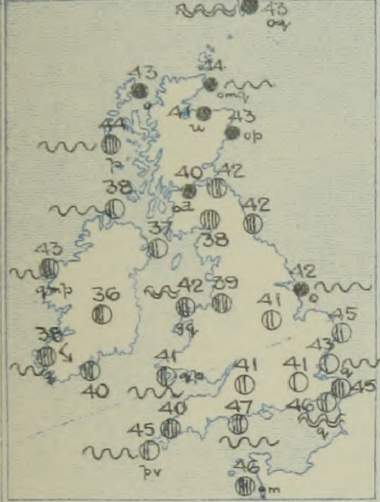
Changeable weather is likely to continue.

# SYNOPTIC CHART FOR 7 a.m., Saturday, 21<sup>st</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

Under the influence of a very deep and extensive cyclonic system on the Atlantic, the unsettled weather is expected to continue for the present.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 1/2 clouded, ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.

## DAILY WEATHER REPORT.

Saturday, 21st February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
21st, Jan.	49	27	Olympic	O	28.86	-0.3	W	6-7	5	20th, Jan.	48	24	Junonian	H	29.12	-0.7	NW	6-7	bc.
20th, 6 p.m.	49	23	Cameroon	H	28.98	-0.2	WSW	1-3	0	"	49	28	Cameroon	H	29.00	-0.3	W	8-9	0
"	49	24	Junonian	H	29.13	0.0	WNW	6-7	bc.	"	49	10	St. Paul	H	29.26	+0.8	SW	4-5	r

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scott. land. { Oban ...	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
{ St. Andrews ...	-	45	31	*	*	1.0	Ramsgate ...	0.02	49	36	b.	bc.c.	4.6
Eng. N.E. { Harrogate ...	-	46	36	c.b.c.	c.o.	0.5	Folkestone ...	0.03	48	35	*	*	5.0
{ Scarborough ...	*	47	38	c.b.	o	3.0	Littlestone ...	0.03	49	37	bc.c.	c.	3.8
Eng. N.W. { Morecambe ...	0.01	48	37	bc	bc.o	1.4	Hastings ...	0.05	48	38	or.bc.b.	b.bc.o.	2.7
{ Blackpool ...	-	46	35	m.c.o	oq	0.5	Bexhill-on-Sea ...	0.05	48	37	b.bc.	bc.o.	3.0
{ Southport ...	-	46	36	c.bc.o.	o	0.5	Eastbourne ...	0.16	48	37	bc	o.b.c.o.	1.7
Mid- lands. { Buxton ...	0.01	43	32	bc	bc	1.4	Seaford ...	0.10	48	34	bc.	o	1.7
{ Leamington Spa ...	-	47	31	o	o	0.0	Brighton ...	0.03	47	37	o.c.bc.	bc.c.o.	1.4
{ Malvern ...	0.05	48	?	bc	b.or	0.3	Worthing ...	0.04	47	34	fe.bc.	or.o.	0.8
Wales. { Rhyl ...	-	51	36	o.c.	c.o.	1.2	Littlehampton ...	0.03	47	34	*	*	1.7
{ Colwyn Bay ...	0.03	52	?	bc.b.	bc.p.c.	1.3	Southsea ...	0.10	49	37	b.bc.	or	1.8
{ Llandudno ...	0.05	49	42	o	or	0.1	Ryde ...	0.03	49	42	*	*	2.0
{ Bettws y-Coed ...	-	49	39	o.c.o	or	0.2	Ventnor ...	0.08	48	40	*	*	2.3
{ Aberystwyth ...	0.04	49	45	od	d	0.4	Bournemouth ...	0.17	48	38	c.bc.	or	1.3
{ Tenby ...	0.08	49	45	od	d	0.4	Hythe ...	0.02	50	32	b.	bc.od	4.0
England, E. { Shegness ...	-	45	?	bc	b	2.7	Weymouth ...	0.12	49	40	bc.	bc.or	0.4
{ Lowestoft ...	0.02	46	35	b.bc.c.	c	3.0	Exmouth ...	0.12	51	39	dc.r.	r.dc.	0.6
{ Felixstowe ...	0.03	47	37	c.bc	bc.c.	4.0	Teignmouth ...	0.14	51	39	c.or	or	0.2
{ Walton-on-Naze ...	0.02	46	36	bc.m	c.b.c.	3.9	Torquay ...	0.07	50	40	c	r.o.	0.2
{ Southend-on-Sea ...	-	50	36	bc.b.	bc	4.0	Paignton ...	0.22	51	35	cp	or	0.5
							Falmouth ...	0.17	51	40	cp	rq.p.	0.0
							Bude ...	0.05	53	38	bc.p	r.dp.	0.6
							Ilfracombe ...	0.06	52	45	o.dp	op.o.	0.2
							Weston-super-Mare ...	0.08	48	37	bc.c.	od.t.	0.1

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	71	83	2.0	51	40	33	0.11	o.c.	o.or
City (Bonhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	72	84	1.0	52	41	37	0.11	c	r.b.
Camden Sq. (Brit. Rainfall) ...	72	82	0.3	51	39	36	0.14	om	c.o.
Hampstead (Reservoir) ...	*	81	0.5	49	36	27	0.19	c	or.bc.o
Richmond Park ...	*	*	1.1						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				504 Joules		13.7 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sun- shine for Yester- day.
		In Screen.	Max.		Night.	Fore- noon.	
Dublin to 4 p.m.	0.14	50	39	35	bc.o	od	or.d
Plymouth to 9 p.m.	0.13	50	38	33	oq	o	odq
Darwen "	0.02	43	33	33	or.bf	c.o.b	o.bc.
Manchester "	0.01	47	35	*	or.c.	bc.o.	or.o.
Birmingham "	0.07	47	34	27	b	c.o.	or.or
Oxford to 8 p.m.	*	49	36	27	o.b.o.	of.c.	od.t.
S. Kensington (Museum Grounds to 6 p.m.)	trace	50	38	30	b.bc.	bc.o.	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

21st & 22nd Feb., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.0	12.7	5.14
	6.58	12.7	5.16
Greenwich ...	7.5	12.14	5.23
	7.3	12.14	5.25
Wick ...	7.32	12.26	5.20
	7.30	12.26	5.23
Valencia ...	7.47	12.55	6.3
	7.45	12.55	6.5

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 50° in various parts of England and Wales. Rain exceeded  $\frac{1}{2}$  in. in several places. Dover and Ramsgate had about 5 hours of bright sunshine, but generally the records were small, none in several instances. A Southerly gale was felt on various sections of our coasts. As far west as the 30th meridian ships experienced Southerly to Westerly winds, light to a gale in force, with changeable weather, some rain and snow.

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
22nd February 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		TEMP.		WIND.		TEMP.		WEATHER.		WEATHER.		
	At 82° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather	At 82° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	Hours		
BRITISH ISLANDS.	Lerwick ...	28.84	44	SSE	6	c	29.03	-0.01	42	-1	SE	5	bc	5	0.12	45	38	cr.c	cp.	bc.l bc	*		
	Stornoway ...	28.74	42	SW	5	bc	28.82	-0.01	39	-4	ESE	5	cq	5	0.11	44	38	or.c	cp bc	bcpq	1.0		
	Castlebay (Barra Isd.)	28.75	42	S	7	cp	28.63	-0.05	42	-2	E	5	o	5	0.05	47	40	ohp.co	op.c	opl.o	1.0		
	Glasgow ...	28.95	40	S	4	bc	28.61	-0.15	38	-2	E	5	odq	*	0.04	43	34	op.c	oc.bca	bpl.ag	2.0		
	Esksdalemuir ...	29.02	36	S	3	c	28.60	-0.20	36	-2	E	6	org	*	0.42	40	31	oh.osp	oh.o.c	cb.org	0.3		
	Malin Head ...	28.75	40	SSW	4	bc	28.42	-0.12	37	-1	E	6	r	*	0.05	45	35	bcq	bcq	omgr	*		
	Blacksod Point ...	28.75	42	S	3	cg	28.43	-0.07	40	-3	NNW	2	og	2	0.06	45	37	cgph	cph	cg	*		
	Valencia ...	28.70	42	SSE	4	c	28.42	+0.03	43	+5	NW	6	og	5	0.31	45	36	cph	cph	cp	1.2		
	Roche's Point ...	28.81	44	S	5	o	28.24	*	37	-3	NW	8	r	6	1.27	46	34	tlspg	cpq.o	r	*		
	Birr Castle ...	28.83	38	SSE	2	c	28.17	*	39	+3	NNW	3	r	*	0.44	44	35	c	c	ad.or	5.2		
	Donaghadee ...	28.93	40	SW	3	bc	28.37	-0.15	37	0	SE	8	omrg	6	0.38	47	36	bc	bc	bc.opl	*		
	Liverpool Obsy. ...	29.06	40	S	3	b	28.40	-0.10	41	+2	E	4	rg	4	0.06	46	36	bc	b	c.org	5.4		
	Holyhead ...	29.01	42	S	5	cpq	28.26	-0.11	44	+2	SE	5	cgq	5	0.09	48	39	c.b.c	th.c	bl.or.c	4.2		
	Pembroke (St. Ann's Hd.)	28.79	43	S	6	c	28.16	+0.05	42	+1	SSW	9	cgq	8	0.37	46	38	bcq	bcq	phq	3.1		
	Newquay ...	29.00	44	SSE	4	o	28.46	+0.08	42	+2	S	4	ou	6	0.52	47	39	oph.bc	bu.c	or.or	3.1		
	Scilly (St. Mary's) ...	29.01	47	S	5	cpq	28.45	+0.03	45	0	W	6	cpq	7	0.45	51	40	cpq	c	org.cq	3.6		
	Jersey (St. Aubin) ...	29.24	46	SSW	4	bc	28.69	*	45	-1	S	3	b	4	0.26	51	43	omrg	bcq	or.b	3.7		
	Portland Bill ...	29.17	45	SW	4	bcpq	28.53	+0.02	47	0	SW	6	cq	6	0.38	47	40	cr	cp	c.org	*		
	Dungeness ...	29.24	45	SSW	8	c	28.69	-0.02	48	+2	S	5	og	5	0.54	48	41	c.org	org	c.org	*		
	Dover ...	29.21	42	SW	5	bc	28.60	*	48	+3	SSW	6	og	6	0.38	48	40	c.b.c	bcq	bc.opr	1.3		
ICELAND, FAEROE, &c.	Wick ...	28.84	40	SSE	5	o	28.40	-0.04	43	-1	SE	5	em	5	0.13	44	38	omrg	bcq	bcq	*		
	Nairn ...	28.86	37	SW	1	bcq	28.80	*	39	-2	SE	3	cgq	3	0.03	45	33	bc	cd	bcq	3.1		
	Aberdeen ...	28.96	39	SSW	3	bc	28.85	-0.08	41	-2	ESE	6	o	4	-	44	39	o.cq	c.b.c	bc.b.o	1.5		
	Leith ...	28.95	41	SSW	2	b	28.68	-0.11	41	-1	ESE	5	pg	*	0.05	45	36	c.op	bc.b	b.b.c	*		
	North Shields ...	29.05	42	SW	3	b	28.59	-0.19	40	-2	SE	8	r	6	0.05	47	38	c	b	br	6.5		
	Spurn Head ...	29.14	45	S	3	bc	28.55	-0.15	44	+2	SE	7	org	6	0.20	46	35	cq	bc	c	5.6		
	Yarmouth ...	29.20	36	W	2	or	28.69	-0.06	45	0	SSE	8	or	4	0.42	47	35	o	or	or	2.0		
	Clacton-on-Sea ...	29.20	39	WSW	2	c	28.66	-0.06	46	+3	SSE	7	ogq	5	0.40	47	37	bc.og	ogr.c	b.oggr	0.6		
	Nottingham ...	29.14	39	SSW	2	b	28.49	*	46	+5	SSE	6	r	*	0.12	46	34	cv.c	c.b	bc.o	3.5		
	Bath ...	29.18	39	S	1	o	28.53	*	43	+2	SW	5	bc	*	0.51	49	38	o	rg.c	org.bc	0.5		
SCANDINAVIA.	London (Kew Obsy.) ...	29.22	41	SW	1	c	28.63	+0.02	44	+3	SW	3	or	*	0.56	49	38	bc.m.orm	orm.oc	c.bc.m.orm	0.0		
	Spitzbergen ...	29.48	-19	SE	1	b	29.49	+0.01	-16	-9	SSE	2	c	*	-	-11	-25	GALES.					
	Isafjord ...	29.39	16	N	9	o	29.43	+0.03	15	-5	N	10	o	*	*	*	*	Duration and Extreme Force in British Islands.					
	Reykjavik ...	29.08	28	MNE	7	b	29.06	+0.02	43	+15	N	8	o	*	*	*	*	Lerwick.					
	Vestmanna ...	28.88	34	N	1	b	28.76	-0.01	35	+3	-	0	o	2	*	*	*	7am-3pm. SE 9.					
	Seydisfjord ...	29.01	32	-	0	s	28.97	+0.04	33	+14	-	0	s	*	*	*	*	Roche's Point.					
GERMANY, &c.	Thorshavn ...	28.47	43	E	-3	o	28.43	+0.19	39	-2	-	0	c	*	*	*	*	Midt-7am. SE-NW 9					
	Haparanda ...	30.00	-5	N	2	o	30.04	+0.04	0	+1	SE	8	f	*	-	1	-24	Donaghadee					
	Hernösand ...	29.42	19	NE	2	s	29.41	-0.01	26	+24	-	0	o	*	Trace	27	0	3am-7am. SE 8					
	Stockholm ...	29.89	23	SE	2	o	29.31	-0.02	26	+4	SE	4	o	*	-	27	22	Holyhead.					
	Wisby ...	29.89	27	NE	2	o	29.75	-0.01	29	+2	ESE	2	c	*	0.49	29	25	9am. SW 8 gust 50mph					
	Karlstad ...	29.78	23	E	2	o	29.63	-0.02	27	+7	E	2	s	*	0.28	28	19	Pembroke					
	Vardö ...	29.89	13	SW	4	b	29.76	-0.05	15	+3	SW	8	c	5	-	16	9	10pm-7am. SSW 10 Midt-6am.					
	Bodö ...	29.54	22	E	6	b	29.60	+0.02	23	+2	E	4	bc	2	-	23	19	Scilly					
	Christiansund ...	29.30	39	S	3	o	29.36	+0.02	39	+8	E	1	c	4	-	39	30	8pm-9pm. SE 10 at 9pm					
	Skudesnaes ...	29.26	40	ESE	9	o	29.19	-0.03	37	0	E	3	c	4	-	39	31	11pm-3am. WSW 8					
FRANCE.	Færder (X'lania Fjord) ...	29.63	28	E	3	s	29.47	-0.01	31	+6	E	5	s	3	?	31	25	Portland Bill					
	The Scaw (Skagen) ...	29.50	36	S	9	o	29.38	+0.01	38	+6	SSE	5	bc	3	0.16	38	30	10pm-4am. SE 8					
	Blaavands Huk ...	29.54	41	SSE	5	r	29.25	-0.03	39	+1	SSE	2	m	2	0.08	41	37	Dungeness					
	Cuxhaven ...	29.40	45	SE	5	o	29.25	-0.07	38	+1	SSE	3	o	0	0.16	46	36	1am. SE 8					
	Berlin ...	29.64	46	S	1	o	29.50	-0.05	38	+3	S	1	c	*	0.04	50	35	Dover					
	Frankfurt ...	?	46	SW	2	o	29.31	-0.12	41	+3	?	2	o	*	0.43	48	38	3pm-5pm. SW 8					
	Munich ...	29.77	43	E	3	o	29.45	-0.08	36	+3	SE	4	o	*	-	48	32	Yarmouth.					
	The Helder ...	29.28	43	S	4	c	28.95	-0.18	44	-3	SE	5	r	3	0.16	48	37	1am-7am. SE 8					
	Brussels ...	29.39	44	WSW	5	o	28.94	-0.15	48	0	SSE	7	r	*	0.16	52	41	Clacton-on-Sea.					
	C. Gris Nez ...	29.29	44	SW	7	bc	28.69	-0.11	49	+3	S	6	r	4	0.35	49	41	Between Midt-7am. squalls SSE 8.					
SPAIN, PORTUGAL, &c.	La Hève ...	29.34	45	SW	4	o	28.72	*	38	-7	SSW	7	o	7	0.04	50	36	Hextam					
	Ushant ...	28.70	47	SE	9	r	28.66	*	48	+2	W	6	r	3	0.47	48	41	11am-Noon. SE 8 gust 55mph					
	Brest (St. Mathieu) ...	29.10	47	S	6	r	28.68	+0.04	46	0	WSW	6	o	5	0.59	52	45	5am-7am. ESE 8 " 53 mph.					
	Lorient (Bec Melen) ...	*	48	W	3	o	*	*	48	+4	WSW	5	o	6	0.63	52	43	Lyons reports a wind velocity of					
	Rochefort (Ile d' Aix) ...	29.43	50	SSW	5	o	28.89	-0.06	49	0	SSW	7	r	*	0.59	52	43	40 metres per second or 89.5					
	Biarritz ...	29.55	63	SSW	4	o	29.00	-0.03	49	-10	WSW	9	r	7	0.08	63	48	miles per hour at 8am to day					
	Paris ...	29.49	46	SSW	4	b	28.91	-0.06	51	+7	S	5	r	*	0.12	54	44						
	Belfort ...	29.68	45	WSW	2	o	29.31	*	39	-4	WS												

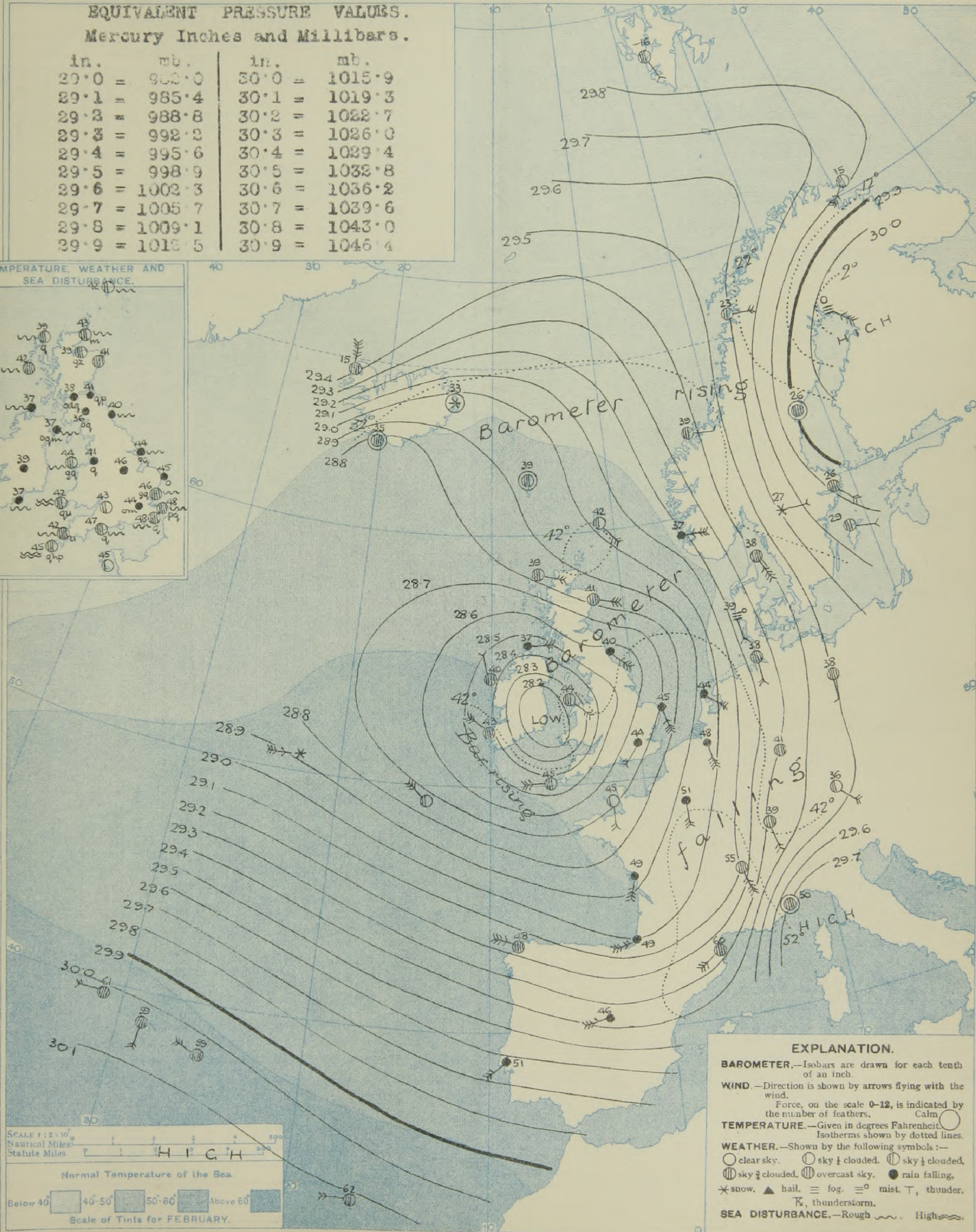
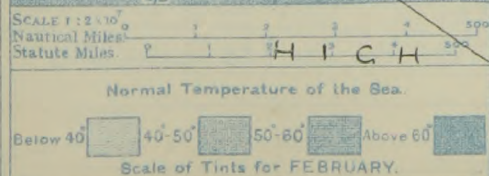
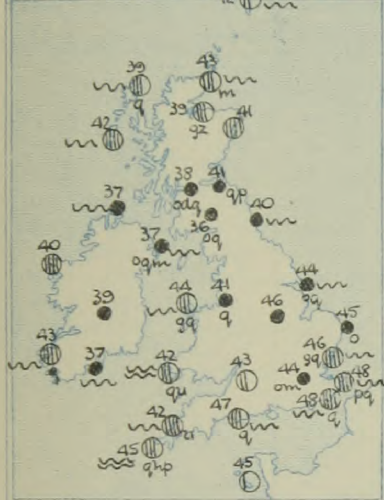


# SYNOPTIC CHART FOR 7 a.m., Sunday, 22<sup>nd</sup> FEBRUARY, 1914.

## EQUIVALENT PRESSURE VALUES. Mercury Inches and Millibars.

in.	mb.	in.	mb.
29.0 =	980.0	30.0 =	1015.9
29.1 =	985.4	30.1 =	1019.3
29.2 =	988.8	30.2 =	1022.7
29.3 =	992.2	30.3 =	1026.0
29.4 =	995.6	30.4 =	1029.4
29.5 =	998.9	30.5 =	1032.8
29.6 =	1002.3	30.6 =	1036.2
29.7 =	1005.7	30.7 =	1039.6
29.8 =	1009.1	30.8 =	1043.0
29.9 =	1012.5	30.9 =	1046.4

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



### EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/4 clouded. ○ sky 1/2 clouded.

○ sky 3/4 clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.

## DAILY WEATHER REPORT.

Sunday, 22nd February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
22nd 7 a.m.	49	13	Menominee	O	28.74	+1.4	NW	6-7	bc										
21st 6 p.m.	48	18	Minneapolis	H	28.45	-0.7	NW	4-5	c										
" "	50	14	Cameronia	H	28.56	-0.4	ESE	1-3	r	21st 7 a.m.	48	23	Minneapolis	H	28.77	-1.0	WNW	6-7	c
" "	50	16	Tunisian	H	28.67	-0.3	WSW	1-3	b	" "	50	20	Tunisian	H	28.93	-0.7	WSW	4-5	r
" "	49	10	Menominee	O	28.67	-2.2	S	6-7	r	" "	50	18	Cameronia	H	28.80	-0.4	SW	4-5	bc

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine (to 6 p.m.)	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine (to 6 p.m.)
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	...	...	...	...	...	...	Ramsgate ...	...	...	...	...	...	...
St. Andrews ...	...	...	...	...	...	...	Folkestone ...	...	...	...	...	...	...
Eng. N.E.	0.10	46	38	c b	b bc	4.8	Littlestone ...	...	...	...	...	...	...
Harrogate ...	...	...	...	...	...	...	Hastings ...	...	...	...	...	...	...
Scarborough ...	...	...	...	...	...	...	Bexhill-on-Sea ...	...	...	...	...	...	...
Eng. N.W.	0.27	44	37	p bc	bc	3.5	Eastbourne ...	...	...	...	...	...	...
Morecambe ...	...	...	...	...	...	...	Seaford ...	...	...	...	...	...	...
Blackpool ...	0.26	48	39	c	c	5.4	Brighton ...	...	...	...	...	...	...
Southport ...	...	47	38	b	cv. o. b.	6.0	Worthing ...	...	...	...	...	...	...
Mid- lands.	0.01	45	35	bc r	bc	4.6	Littlehampton ...	...	...	...	...	...	...
Buxton ...	...	...	...	...	...	...	Southsea ...	...	...	...	...	...	...
Leamington Spa ...	0.08	45	?	c	b	2.7	Ryde ...	...	...	...	...	...	...
Malvern ...	...	44	37	o c bc	bc b	3.3	Ventnor ...	...	...	...	...	...	...
Wales.	0.09	48	39	bc	bc	7.2	Bournemouth ...	...	...	...	...	...	...
Rhyl ...	...	...	...	...	...	...	Hythe ...	...	...	...	...	...	...
Colwyn Bay ...	...	...	...	...	...	...	Weymouth ...	...	...	...	...	...	...
Llandudno ...	...	...	...	...	...	...	Exmouth ...	...	...	...	...	...	...
Bettws y Coed ...	...	...	...	...	...	...	Teignmouth 9 p.m. ...	...	...	...	...	...	...
Aberystwyth ...	0.30	46	39	r o c	c bc	2.0	Torquay ...	...	...	...	...	...	...
Tenby ...	0.36	46	41	o r c	bc o	3.2	Paignton ...	...	...	...	...	...	...
England, E.	0.03	48	?	b	bc	3.8	Falmouth ...	...	...	...	...	...	...
Skegness ...	...	...	...	...	...	...	Bude ...	...	...	...	...	...	...
Lowestoft ...	...	...	...	...	...	...	Ilfracombe ...	...	...	...	...	...	...
Felixstowe ...	0.17	45	38	bc m o	m o r c	1.0	Weston-super-Mare ...	...	...	...	...	...	...
Walton-on-Naze ...	0.20	44	42	c	c r c c g	0.8							
Southend-on-Sea ...	0.26	46	39	bc r s	sr bc	0.3							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	94	85	0.0	47	36	2.9	o	or	or o b c
City (Bunhill Row) ...	...	...	0.0	...	...	...	...	...	...
Westminster (St. James's Pk.) ...	98	87	0.0	49	37	3.6	o r s	r o r	bc
Camden Sq. (Brit. Rainfall) ...	88	87	0.0	48	37	3.5	o	od or	*
Hampstead (Reservoir) ...	...	86	0.0	49	35	2.5	o	or	o
Richmond Park ...	...	...	0.0	...	...	...	...	...	...
Kew. (See front page.)	...	...	0.0	...	...	...	...	...	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	97	91	0.0	Total. 213 Joules		Average Rate. 5.8 Milliwatts.		Max. Rate. 17.0 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.01	45	38	36	c g	p g c b c b
Plymouth to 9 p.m.	0.25	50	40	38	or	op b o
Darwen	0.16	46	35	34	or u	ou b bc o r
Manchester	0.10	50	38	...	o o r c	c b c bc b
Birmingham	0.45	48	35	33	r	c c
Oxford to 8 p.m.	...	50	36	32	or o r g b	b o o o r s c o
S. Kensington (Museum Grounds to 6 p.m.)	0.30	52	37	34	o	o o r o r o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

22nd & 23rd Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.58 6.56	G.M.T. 12.7 12.7	G.M.T. 5.16 5.18
Greenwich ...	7.3 7.1	12.14 12.14	5.25 5.27
Wick ...	7.30 7.27	12.26 12.26	5.23 5.25
Valencia ...	7.45 7.43	12.55 12.55	6.5 6.7

## NOTES ON YESTERDAY'S WEATHER.

At many stations in the north the thermometer failed to reach 45°, but at a few places in the S.W. it exceeded 50°. The amount of bright sunshine was considerable. Rain fell in all districts, and hail or snow locally; thunderstorms occurred at Holyhead and Roche's Point. During the night a fresh to strong gale from S.E. was experienced on nearly all coasts. At Dublin the barometer fell between 9 and 10 a.m. to-day to 28.047 in., the lowest reading observed in the locality since December 8th 1886.

NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

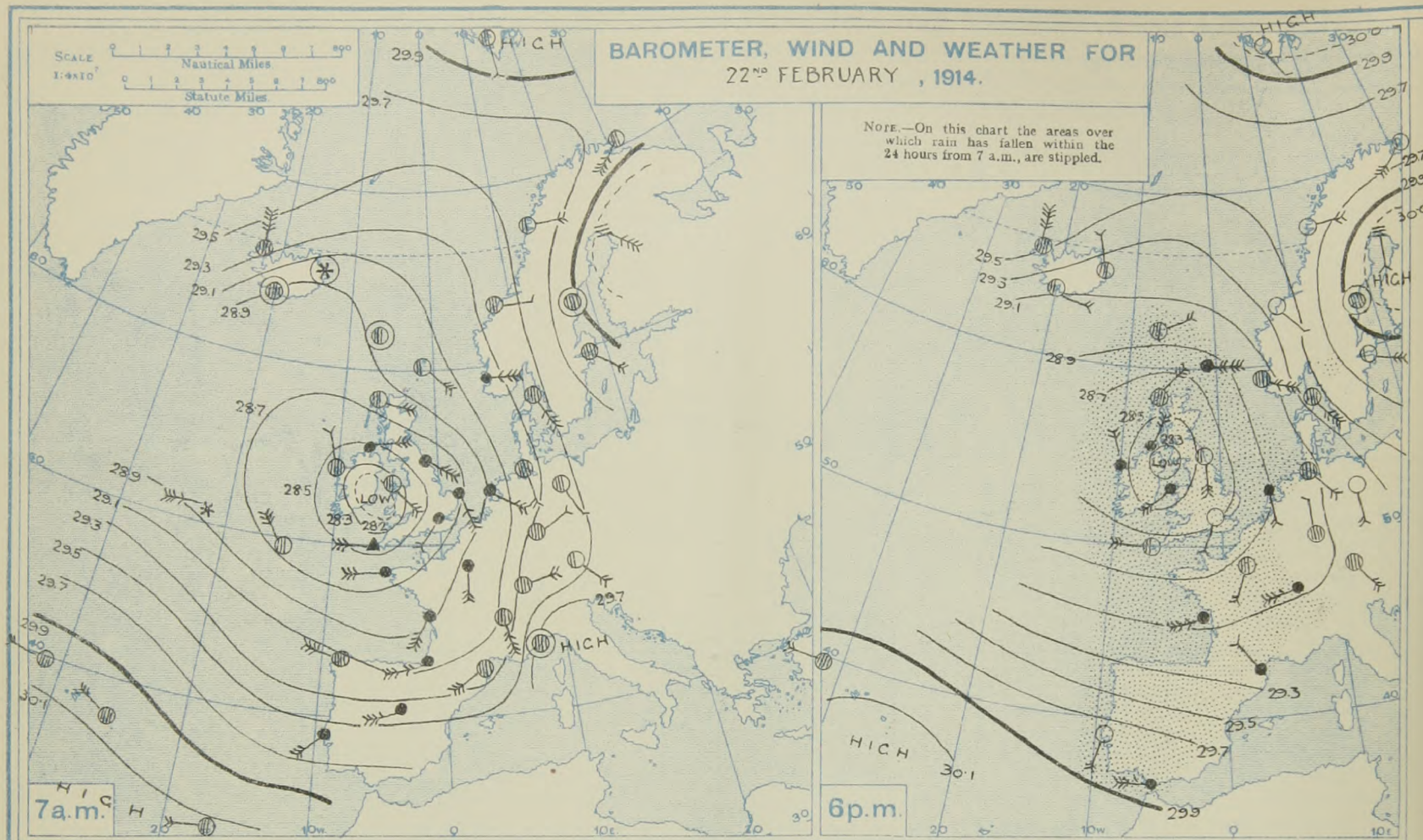
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## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
23rd February 1914.

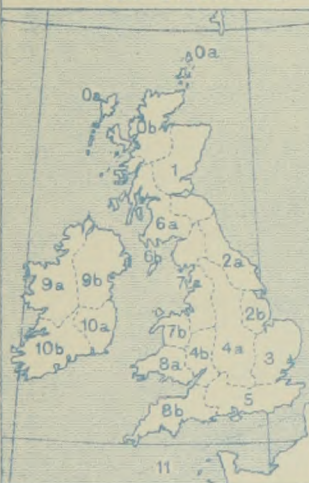
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
		At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Force (0 to 12).	Weather.		At 32° F. and M.S.L. Lat. 46°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	F.	Dir.	Force (0 to 12).	Weather.	In.	In.	F.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).	In.	F.	F.	op	org	org. o	Hours.		
BRITISH ISLANDS.	Lerwick ...	28.82	41	E	10	or	28.77	28.77	44	+2	ESE	6	0	6	0.43	44	38	op	org	org. o	*	
	Stornoway ...	28.54	40	NE	6	or	28.50	28.50	41	+2	SE	5	odp	5	0.15	43	38	c.og	opg	r.c. edp	0.0	
	Castlebay (Barra Isd.)	28.42	40	NNE	4	o	28.45	28.45	43	+1	W	3	op	4	0.38	44	38	org	rg. o	op. c. o. b	0.0	
	Glasgow ...	28.37	42	ESE	4	od	28.59	28.59	40	+2	S	2	odm	*	0.35	43	34	orsp. o	orgp. o	orgp. o	0.5	
	Eskdalemuir ...	28.40	40	SE	6	og	28.67	28.67	38	+2	S	4	o	*	0.51	43	35	org. os	op. og	or. og. o	0.3	
	Malin Head ...	28.32	40	NNE	5	r	28.52	28.52	42	+5	WNW	5	c	5	0.91	43	35	ormg	orm	cmat	*	
	Blacksod Point ...	28.53	42	MNW	4	omr	28.75	28.75	42	+2	WNW	2	ep	3	0.34	44	38	og. omr	omr	cmf	*	
	Valencia ...	28.66	45	WNW	3	bc	28.92	28.92	45	+2	W	5	cp	5	0.10	47	41	bc	bc	cr	6.1	
	Roche's Point ...	28.64	43	W	3	c	28.89	28.89	42	+5	W	3	b	3	0.03	46	36	opg	c	o. c. b	*	
	Birr Castle ...	28.48	40	NW	4	r	28.80	28.80	36	-3	SW	1	bc	*	0.16	41	34	es. or	od	c. bc. or	0.0	
	Donaghadee ...	28.20	41	W	4	orm	28.64	28.64	40	+3	W	4	cmg	4	0.29	43	37	omr	orm	om. cm	*	
	Liverpool Obsy. ...	28.55	40	S	4	r	28.84	28.84	40	-1	SSW	3	or	4	0.10	48	37	bcg	ogp	or	4.1	
	Holyhead ...	28.45	41	SW	6	ormg	28.81	28.81	43	-1	SW	5	omgg	5	0.38	45	40	comg	or. opm	or. om	0.0	
	Pembroke (St. Ann's Hd.)	28.63	46	WSW	6	c	28.89	28.89	45	+3	WSW	4	bc	4	0.09	46	42	cug	cgp	cgp	1.4	
	Newquay ...	28.73	44	WSW	5	bc	28.98	28.98	37	-5	S	2	b	5	0.10	47	36	ephg	ephg	ep. bc	0.6	
	Scilly (St. Mary's) ...	28.73	45	W	5	bcpg	28.98	28.98	46	+1	W	3	cgp	5	0.04	48	40	epg	bcpg	bcgp	2.1	
	Jersey (St. Aubin) ...	28.82	45	SW	5	c	29.16	29.16	43	-2	SE	3	bm	3	0.03	50	42	bep. b	chc	cp. bm	4.1	
	Portland Bill ...	28.76	45	SW	5	c	29.01	29.01	46	-1	SW	4	bc	5	0.06	47	42	bcp	cp	cp. bc	*	
	Dungeness ...	28.82	45	WSW	4	c	29.05	29.05	43	-5	SSW	5	bcg	5	0.06	48	42	c. bcg	c. bc	bcp. c. g	*	
	Dover ...	28.76	43	SW	5	bc	29.08	29.08	42	-6	SW	4	c	4	0.02	48	40	op. o. c	bc. op. c	bc. b. bc	0.3	
Wick ...	28.56	44	SSE	4	c	28.60	28.60	43	0	SE	6	cmg	6	0.18	44	39	cm. omp	or. cmp	omg. pd	*		
Nairn ...	28.51	37	-	0	m	28.51	28.51	40	+1	SSE	3	oy	4	0.09	41	35	qp	qpm	bcg	0.6		
Aberdeen ...	28.58	43	SSE	4	bc	28.65	28.65	41	0	SSE	5	o	5	0.24	45	39	org	o. bc	bc. c. og	0.9		
Leith ...	28.41	47	ESE	4	c	28.59	28.59	42	+1	SSW	3	c	*	0.15	48	37	org	bc. c	c. bc	*		
North Shields ...	28.53	47	S	6	bc	28.73	28.73	39	-1	S	5	c	5	0.30	50	38	r. c	bc	c. o. c	5.2		
Spurn Head ...	28.65	45	SSE	4	c	28.88	28.88	39	-5	S	5	bcg	4	0.02	48	36	c. g	c	bc	3.4		
Yarmouth ...	28.78	45	S	3	bc	29.04	29.04	38	-7	SSW	2	bc	1	0.01	50	35	or. c	c. bc	bc	1.6		
Clacton-on-Sea ...	28.75	45	SSW	3	c	29.04	29.04	41	-5	SSW	2	b	2	-	48	41	og. c	c. bc. c	c. b	0.8		
Nottingham ...	28.67	43	S	5	c	28.93	28.93	39	-7	SW	4	o	*	0.12	50	37	rh. c. b	c. bc	c. b	5.6		
Bath ...	28.75	43	SW	4	bc	29.00	29.00	42	-1	SW	2	o	*	-	50	38	o. bc. c	bc. o. c. b	bc. c. b. c	4.2		
London (Kew Obsy.) ...	28.79	44	SSW	2	b	29.04	29.04	36	-8	S	2	bm. x	*	0.01	50	35	or. bc. o	or. c. bc. b	c. b. m. x	3.6		
ICELAND, FAEROE, &c.	Spitzbergen ...	30.04	26	SSE	1	b	30.07	30.07	29	-13	SSE	1	b	*	-	16	-35	GALES. — Duration and Extreme Force in British Islands  Lerwick. 2pm-2am ESE 10  Glasgow 9am-Noon. Squalls NE 8.  Roche's Point. 7am-8am NW 9  Donaghadee 7am-11am SE 9  Holyhead Morning SSE 9 Gust 64 mph. Afternoon SSW 8 Gust 54 mph.  Pembroke 7am-10am SSW 9  Aberdeen 10am-12pm E 9 Squall 53 mph. Gust SSE 43 mph at 6a.m.  Hestham. Gust 53 mph at 8a.m.  Yarmouth 7am-8am SE 8.  Wick 2am-7am. Squalls force 8.				
	Isafjord ...	29.53	18	N	10	o	29.53	29.53	24	-2	SE	2	o	*	-	27	23					
	Reykjavik ...	29.16	33	E	4	c	29.16	29.16	26	0	ESE	6	b	*	-	30	25					
	Vestmanna ...	29.06	39	ESE	3	bc	29.06	29.06	28	-1	ESE	4	c	*	-	32	27					
	Seydisfjord ...	29.22	33	MNW	2	c	29.34	29.34	29	-4	-	0	c	*	-	30	27					
	Thorshavn ...	29.02	42	ENE	3	c	28.77	28.77	41	+2	ESE	5	r	*	-	30	27					
SCANDINAVIA.	Haparanda ...	30.06	0	S	2	f	30.09	30.09	28	-8	SE	2	b	*	-	20	-8					
	Hernösand ...	29.95	25	-	0	o	29.96	29.96	24	-2	SE	2	o	*	-	27	23					
	Stockholm ...	29.82	27	ESE	6	o	29.77	29.77	26	0	ESE	6	b	*	-	30	25					
	Wisby ...	29.74	31	ESE	2	o	29.71	29.71	28	-1	ESE	4	c	*	-	32	27					
	Karlstad ...	29.66	30	E	4	S	29.67	29.67	29	+2	E	6	o	*	0.12	30	27					
	Vardö ...	29.61	9	SW	6	b	29.91	29.91	14	-1	SW	4	o	?	-	?	?					
GERMANY, &c.	Bodö ...	29.61	25	E	4	b	29.59	29.59	28	+5	E	5	b	2	-	28	23					
	Christiansund ...	29.32	39	SE	1	b	29.26	29.26	45	+6	E	1	o	4	-	45	27					
	Skudesnaes ...	29.06	42	E	9	o	29.09	29.09	41	+4	ESE	9	o	4	-	43	37					
	Færder (X'ania Fjord)	29.50	35	SE	6	o	29.49	29.49	34	+3	SE	6	o	3	0.04	34	30					
	The Scaw (Skagen) ...	29.34	38	SE	9	o	29.34	29.34	38	0	SE	8	o	3	-	39	37					
	Blaavands Huk ...	29.10	43	SE	6	r	29.15	29.15	41	+2	SE	4	o	3	0.08	45	36					
FRANCE.	Cuxhaven ...	29.01	45	SE	4	o	29.14	29.14	42	+4	S	2	o	0	0.04	48	38					
	Berlin ...	29.26	50	S	3	b	29.19	29.19	41	+3	SE	2	o	*	-	57	39					
	Frankfurt ...	29.09	46	N	1	o	29.27	29.27	41	0	SW	3	r	*	0.04	48	41					
	Munich ...	29.16	50	SE	5	o	29.28	29.28	38	+2	MW	3	r	*	-	54	36					
	The Helder ...	28.88	47	SSE	3	r	29.13	29.13	36	-8	S	2	b	2	0.16	52	36					
	Brussels ...	28.95	46	SSW	5	r	29.18	29.18	39	-9	SSW	1	o	*	0.16	52	37					
SPAIN, PORTUGAL, &c.	C. Gris Nez ...	28.84	44	SSW	5	c	29.10	29.10	40	-9	S	5	c	3	0.08	50	39					
	La Hève ...	28.91	43	SW	4	o	29.12	29.12	38	?	SE	3	o	3	0.04	50	36					
	Ushant ...	28.86	47	W	5	b	29.02	29.02	46	-2	NW	4	c	5	0.16	48	41					
	Brest (St. Mathieu) ...	28.89	46	W	4	c	29.09	29.09	44	-2	MNW	3	b	6	0.28	50	41					
	Lorient (Bec Melen) ...	29.08	46	W	5	c	29.08	29.08	43	-5	MNW	4	o	5	0.16	52	39					
	Rochefort (Ile d' Aix)	29.27	50	WSW	7	r	29.35	29.35	47	-2	W	7	r	*	0.43	49	45					
PORTUGAL, &c.	Biarritz ...	29.27	50	WSW	7	c	29.35	29.35	48	-1	WSW	7	o	7	0.16	54	43					
	Paris ...	28.99	43	SSW	3	o	29.19	29.19	38	-13	S	2	o	*	0.16	51	37					
	Belfort ...	29.08	46	WSW	7	r	29.32	29.32	36	-3	-	0	o	*	0.12	50	33					
	Lyons ...	29.08	46	WSW	7	r	29.32	29.32	36	-3	-	0	o	*	0.12	50	33					
	Nice ...	29.08	46	WSW	7	r	29.32	29.32	36	-3	-	0	o	*	0.12	50	33					
	Perpignan ...	29.26	48	NW	2	r	29.43	29.43	37	-23	SW	1	o	*	0.16	66	34					
PORTUGAL, &c.	Sanguinaire ...	29.26	48	NW	2	r	29.43	29.43	37	-23	SW	1	o	*	0.16	66	34					
	Corunna (8 a.m.)	29.80	49	SSW	4	b	29.82	29.82	52	+1	WSW	4	o	6	Trace	54	48					
	Lisbon (9 a.m.)	29.87	53	W	7	r	29.93	29.93	52	?	W	5	o	3	2.31	60	50					
	Gibraltar ...	30.10	57	SW	4	o	30.08	30.08	61	+2	SW	4	o	4	-	64	59					

\* Information for these columns not usually received.



**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**No Warnings Issued.**

Western Channel and Bay. 11

Southerly to Westerly breezes, fresh or strong at times locally; changeable, fair to fine, some showers; moderate temperature.

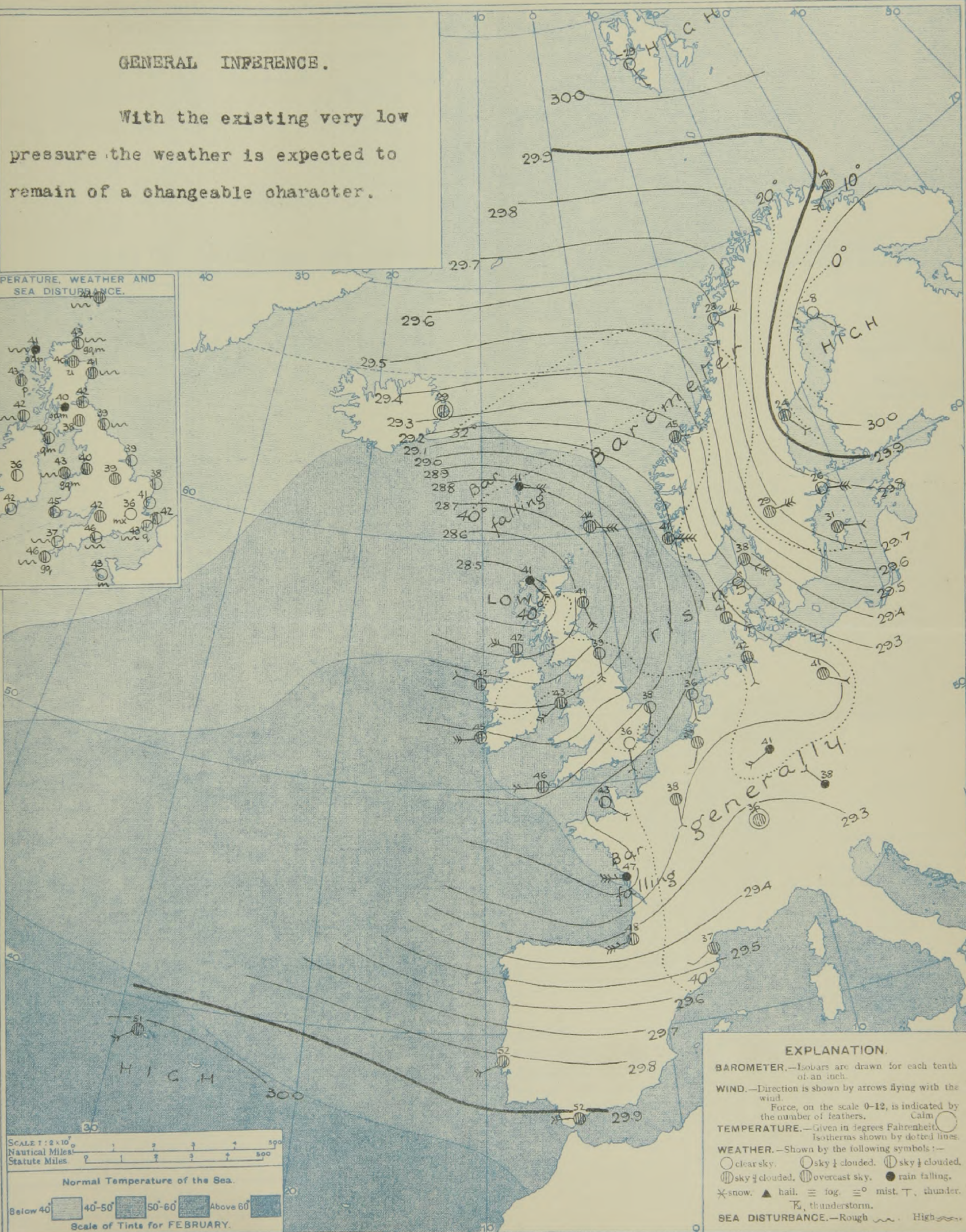
Moderate to fresh Southerly to Westerly breezes Channel; Northerly to Westerly, occasionally strong to gale on Bay; rough sea; changeable, some rain; moderate temperature.

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., Monday, 23<sup>rd</sup> FEBRUARY, 1914.

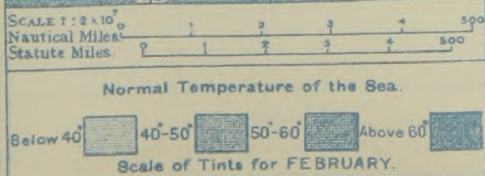
## GENERAL INFERENCE.

With the existing very low pressure the weather is expected to remain of a changeable character.



## EXPLANATION.

- BAROMETER.**—Isobars are drawn for each tenth of an inch.
- WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky & clouded. ○ sky & clouded.  
○ sky & clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
☼, thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~



## DAILY WEATHER REPORT.

Monday, 23rd February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-ward. H-ward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-ward. H-ward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
22nd 6 p.m.	49	11	Philadelphia.	O	28.67	-0.02	NW	8-9	bc	22nd 7 a.m.	50	21	Virginian	O	28.89	-0.05	W	8-9	s
" 1 p.m.	49	8	— do. —	O	28.70	+0.05	W	8-9	b	" "	49	13	Minneapolis	H	28.42	+0.01	NW	6-7	c

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
		In.	F. °	F. °			Hr.			In.	F. °	F. °			Hr.
Scot- land.	{ Oban ... ..							{ Margate ... ..	0.43	50	39	c	c	0	
	{ St. Andrews ... ..				*	*			0.48	48	40	*	*	0.1	
Eng. N.E.	{ Harrogate ... ..	0.45	47	32	c.bc	bc	3.5	{ Folkestone ... ..	0.29	49	42	nbc.o	bc.o	5.8	
	{ Scarborough ... ..	*	49	36			4.9	{ Littlestone ... ..		*	*	*	*	0.4	
								{ Hastings ... ..	0.32	48	43	or.o	ob.cb	0.1	
								{ Bexhill-on-Sea ... ..	0.29	48	44	o.c	cp.bc	0.7	
Eng. N.W.	{ Morecambe ... ..							{ Eastbourne ... ..	0.24	54	43	o	bc.ob	1.5	
	{ Blackpool ... ..							{ Seaford ... ..							
	{ Southport ... ..	0.43	49	37	c.og	ogp	2.1	{ Brighton ... ..	0.26	48	40	opc	cp.c	1.6	
								{ Worthing ... ..	0.28	48	42			1.7	
Mid- lands.	{ Buxton ... ..	0.68	44	32	bc	bc	2.9	{ Littlehampton ... ..	0.17	*	*	*	*	3.0	
	{ Leamington Spa ... ..	0.27	50	35	c	c	5.3	{ Southsea ... ..	0.61	50	39	bcp.c	bc	4.2	
	{ Malvern ... ..	0.20	48	40	b.bc	cp.bc	5.1	{ Ryde ... ..	0.15	49	40	bc	bc	4.0	
								{ Ventnor ... ..	0.15	54	41	*	*	4.2	
Wales.	{ Rhyl ... ..	0.08	47	37	bc.o	bc.or	5.3	{ Bournemouth ... ..	0.10	49	41	r.o	c.bc	3.1	
	{ Colwyn Bay ... ..	0.17	46	37	bcp	bcp	2.0	{ Weymouth... ..	0.28	50	41	cp.bc	bc	2.9	
	{ Llandudno ... ..	0.21	47	39	o	or	0.0		{ Exmouth ... ..						
	{ Bettws y-Coed ... ..								{ Teignmouth ... ..	0.35	48	42	gp.bc	bc	2.5
{ Aberystwyth ... ..	0.09	45	40	r	ou	0.2	{ Torquay ... ..		0.24	49	42	bc	bc	3.4	
England, E.	{ Tenby ... ..							{ Paignton ... ..	0.33	48	39	or.bcp	bcp	3.5	
	{ Skewness ... ..	0.08	47	?			3.5	{ Falmouth ... ..	0.50	49	39	orgh	c.begh	1.9	
	{ Lowestoft ... ..		48	39	op.c.bc	bc.c.o.c	1.4	{ Bude ... ..	0.28	49	42			0.9	
	{ Felixstowe ... ..	0.24	47	33	op.c	c.bc.c	0.7	{ Ilfracombe ... ..	0.26	47	40	ogp.bc	cp.bc	1.3	
	{ Walton-on-Naze ... ..	0.12	47	39	cg.cg	c	0.4	{ Weston-super-Mare ... ..	0.30	48	39	b.bc	ch.c	1.5	
	{ Southend-on-Sea ... ..	0.17	51	40	o.bc	bc.b.bc	3.2								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	70	81	Hr.	F.	F.	In.			
City (Bunhill Row) ...			4.4	51	35	28	0.03	c	b bc
Westminster (St. James's Pk.) ...	73	90	3.1	50	37	32	-	bc	bm bm
Camden Sq. (Brit. Rainfall)		87	2.4	50	35	31	-	w	*
Hampstead (Reservoir) ...		85	1.4	47	36	22	-	c	bcc bcm
Richmond Park ...			3.6						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				549 Joules		147 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.58	44	37	36	ogp	cp
Plymouth to 9 p.m.					cp	org
Darwen						
Manchester	0.22	49	36	a	o.enbc	bc bc
Birmingham	0.35	47	34	30	r	c en
Oxford to 8 p.m.		48	37	32	bem ogp	bc bcp.b
S. Kensington (Museum Grounds to 6 p.m.)	0.29	50	42	32	o	c bc

## NOTES ON YESTERDAY'S WEATHER.

Temperature reached 50° or a little above at some of our southern stations. Rain fell generally, nearly an inch in Donegal. Bright sunshine was very variable, from none in several localities to more than 6 hours at Valencia. A gale to a strong gale from various quarters was experienced at a number of stations.

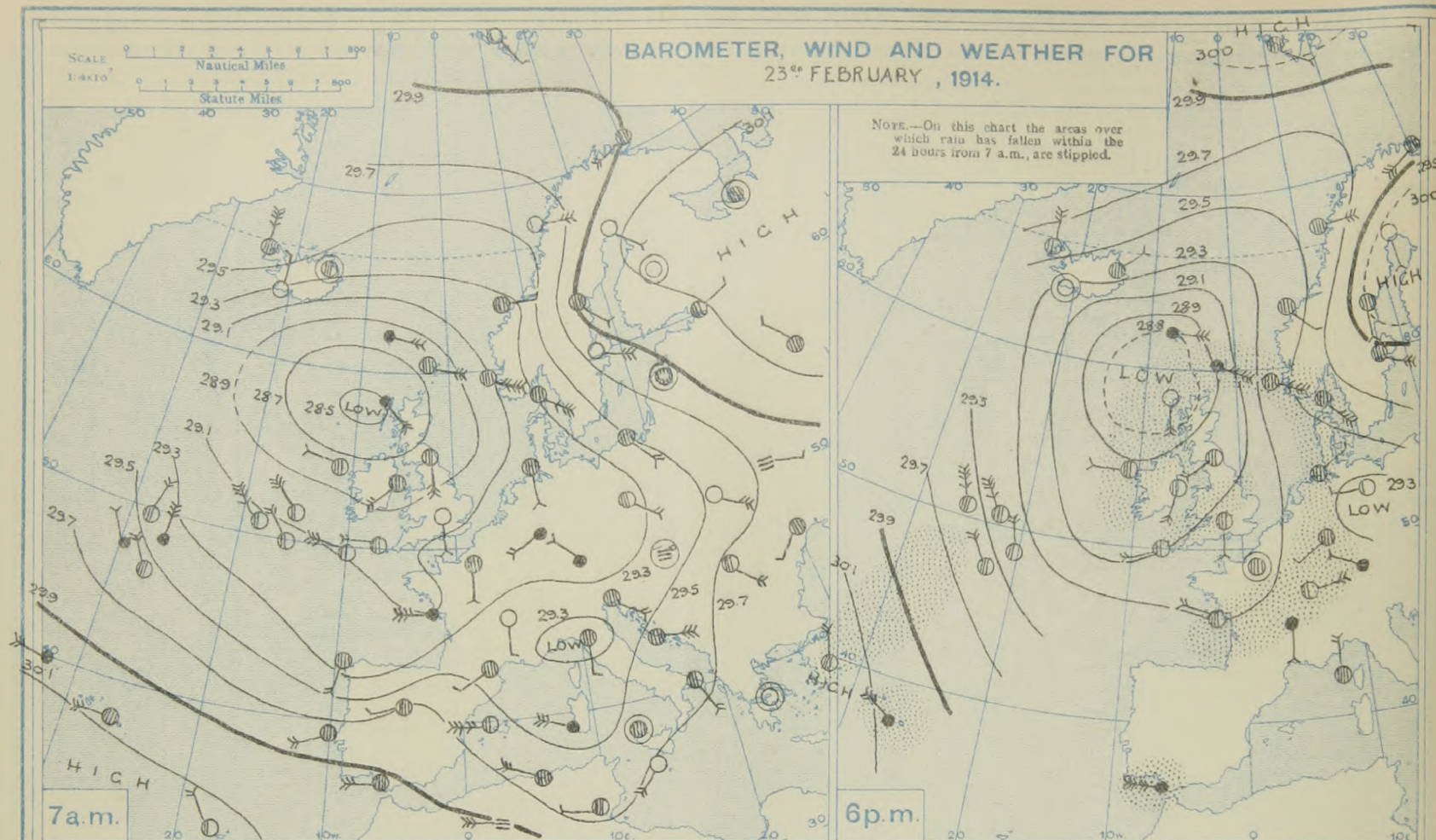
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

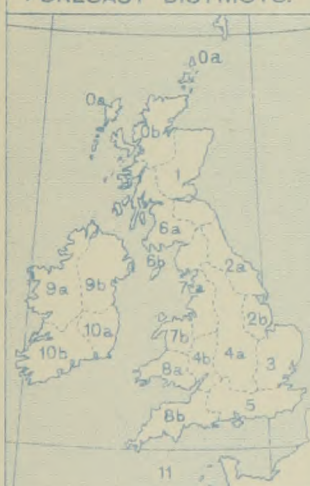
Thursday  
24th February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Wet Bulb.	Dir.				At 32° F. and M.S.L. Lat. 46°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick	28.93	44	ESE	9	0.7	29.33	+0.7	43	-1	SSE	6	0.7	6	0.20	4.6	3.9	0.7	0.7	0.7	0.7	0.7	0.7
	Stornoway	28.73	44	S	4	0.7	29.17	+1.2	42	+1	S	5	0.7	5	0.23	4.4	4.0	0.7	0.7	0.7	0.7	0.7	0.5
	Castlebay (Barra Isd.)	28.75	44	W	4	0.7	29.16	+1.2	45	+2	S	4	0.7	4	0.15	4.7	4.0	0.7	0.7	0.7	0.7	0.7	2.6
	Glasgow	28.94	43	S	2	0.7	29.27	+0.9	36	-4	ESE	2	0.7	2	0.13	4.6	3.6	0.7	0.7	0.7	0.7	0.7	1.4
	Eskdalemuir	29.01	38	S	4	0.7	29.36	+1.0	36	-2	-	0	0.7	0	0.18	4.3	3.4	0.7	0.7	0.7	0.7	0.7	0.6
	Malin Head	28.84	43	SW	4	0.7	29.14	+0.3	36	-6	SSW	4	0.7	4	0.20	4.5	3.5	0.7	0.7	0.7	0.7	0.7	0.7
	Blackrod Point	28.92	44	W	2	0.7	29.18	+0.9	42	0	WSW	2	0.7	2	0.08	4.7	3.8	0.7	0.7	0.7	0.7	0.7	0.7
	Valencia	29.05	44	W	4	0.7	29.25	+0.7	44	-1	NW	2	0.7	4	0.32	4.7	4.0	0.7	0.7	0.7	0.7	0.7	3.9
	Roche's Point	29.07	45	NW	3	0.7	29.27	0	34	-8	NNW	1	0.7	1	0.02	4.7	3.2	0.7	0.7	0.7	0.7	0.7	0.7
	Birr Castle	29.00	40	SW	1	0.7	29.21	0	32	-4	S	1	0.7	1	0.02	4.6	3.1	0.7	0.7	0.7	0.7	0.7	5.3
	Donaghadee	28.95	40	SW	2	0.7	29.23	+0.8	33	-7	W	2	0.7	2	0.12	4.9	3.3	0.7	0.7	0.7	0.7	0.7	0.7
	Liverpool Obsy.	29.04	42	SSE	2	0.7	29.31	+0.6	35	-5	SE	2	0.7	2	0.02	4.9	3.4	0.7	0.7	0.7	0.7	0.7	4.5
	Holyhead	29.02	45	SSW	4	0.7	29.28	+0.6	37	-6	SSW	2	0.7	2	0.02	4.8	3.6	0.7	0.7	0.7	0.7	0.7	7.3
	Pembroke (St. Ann's Hd.)	29.06	45	WSW	2	0.7	29.25	+0.5	38	-7	NE	1	0.7	1	0.13	4.7	3.7	0.7	0.7	0.7	0.7	0.7	4.9
	Newquay	29.10	45	WSW	3	0.7	29.27	+0.5	40	+3	-	0	0.7	4	0.16	4.9	3.5	0.7	0.7	0.7	0.7	0.7	3.0
	Scilly (St. Mary's)	29.10	44	WSW	3	0.7	29.26	+0.3	42	-4	NW	3	0.7	4	0.22	5.1	3.9	0.7	0.7	0.7	0.7	0.7	5.2
	Jersey (St. Aubin)	29.19	45	SE	4	0.7	29.25	0	38	-5	SE	3	0.7	3	0.02	4.9	3.7	0.7	0.7	0.7	0.7	0.7	5.9
	Portland Bill	29.12	46	SSW	4	0.7	29.25	+0.4	43	-3	NNW	2	0.7	4	0.03	4.9	4.3	0.7	0.7	0.7	0.7	0.7	0.7
	Dungeness	29.22	44	SSW	3	0.7	29.32	+0.4	41	-2	E	2	0.7	2	0.02	4.5	3.9	0.7	0.7	0.7	0.7	0.7	0.7
	Dover	29.21	43	S	3	0.7	29.32	0	37	-5	-	0	0.7	2	0.01	4.4	3.4	0.7	0.7	0.7	0.7	0.7	3.7
	Wick	28.80	44	SSE	4	0.7	29.26	+1.0	42	-1	SSE	4	0.7	4	0.04	4.4	4.2	0.7	0.7	0.7	0.7	0.7	0.7
ICELAND, FAEROE, &c.	Nairn	28.84	41	S	1	0.7	29.24	0	36	-4	-	0	0.7	0	Trace	4.8	3.5	0.7	0.7	0.7	0.7	0.7	3.8
	Aberdeen	28.94	44	S	4	0.7	29.30	+0.9	42	+1	S	1	0.7	4	0.02	4.6	4.1	0.7	0.7	0.7	0.7	0.7	1.4
	Leith	28.93	44	ESE	2	0.7	29.26	+0.9	40	-2	SE	2	0.7	2	0.02	4.9	3.4	0.7	0.7	0.7	0.7	0.7	0.7
	North Shields	29.04	45	SW	3	0.7	29.30	+0.7	40	+1	SSW	3	0.7	3	0.02	4.8	3.9	0.7	0.7	0.7	0.7	0.7	1.2
	Spurn Head	29.10	43	SSW	2	0.7	29.31	+0.8	40	+1	S	4	0.7	4	0.07	4.5	3.8	0.7	0.7	0.7	0.7	0.7	1.3
	Yarmouth	29.21	42	S	3	0.7	29.36	+0.2	38	0	SE	1	0.7	1	0.02	4.8	3.7	0.7	0.7	0.7	0.7	0.7	6.1
	Clacton-on-Sea	29.18	43	S	3	0.7	29.33	+0.2	41	0	ESE	1	0.7	0	0.02	4.6	4.0	0.7	0.7	0.7	0.7	0.7	6.2
	Nottingham	29.10	42	SSW	3	0.7	29.32	0	39	0	S	1	0.7	0	0.11	4.8	3.8	0.7	0.7	0.7	0.7	0.7	2.0
	Bath	29.13	43	S	2	0.7	29.31	0	39	-3	E	2	0.7	0	0.03	5.0	3.6	0.7	0.7	0.7	0.7	0.7	3.4
	London (Kew Obsy.)	29.18	43	S	2	0.7	29.32	+0.5	39	+3	ESE	2	0.7	0	0.02	5.0	3.5	0.7	0.7	0.7	0.7	0.7	3.6
	Spitzbergen	30.01	7	SE	2	0.7	29.98	+0.0	4	+33	SE	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Isafjord	29.67	20	N	5	0.7	29.65	+0.0	20	+1	N	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Reykjavik	29.39	28	N	8	0.7	29.45	+0.0	19	-7	-	0	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Vestmanna	29.26	38	-	0	0.7	29.31	+0.3	25	-6	N	6	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Seydisfjord	29.36	31	NE	2	0.7	29.29	+0.4	34	+5	WNW	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Thorshavn	28.78	42	E	6	0.7	29.08	+1.0	43	+2	S	4	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Haparanda	30.04	1	S	2	0.7	30.02	+0.0	14	+22	SW	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Hernösand	30.01	25	S	2	0.7	30.09	+0.2	27	+3	S	4	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Stockholm	29.86	26	ESE	6	0.7	30.00	+0.4	27	+1	E	4	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Wisby	29.77	30	E	4	0.7	29.90	+0.8	26	-2	E	4	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Karlstad	29.75	27	E	2	0.7	29.88	+0.6	28	-1	E	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
SCANDINAVIA.	Vardö	29.81	19	SW	6	0.7	29.95	+0.8	26	+12	NE	6	0.7	4	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Bodö	29.57	30	ENE	6	0.7	29.73	+0.2	31	+3	E	4	0.7	2	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Christiansund	29.41	45	SE	1	0.7	29.58	+0.8	44	-1	-	0	0.7	3	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Skudesnaes	29.37	40	ESE	8	0.7	29.58	0	38	-3	E	6	0.7	3	0.12	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Færder (K'ania Fjord)	29.61	33	E	5	0.7	29.75	+0.4	32	-2	E	5	0.7	2	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	The Scaw (Skagen)	29.52	36	SE	7	0.7	29.64	+0.7	35	-3	SE	5	0.7	1	0.04	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Blaavands Huk	29.37	40	E	1	0.7	29.48	+0.5	37	-4	ESE	1	0.7	1	0.24	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Cuxhaven	29.34	41	NE	1	0.7	29.41	+0.2	40	-2	NE	2	0.7	0	0.04	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Berlin	29.29	46	W	1	0.7	29.40	+0.4	38	-3	E	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Frankfurt	29.35	43	SW	1	0.7	29.40	+0.2	37	-4	SE	1	0.7	0	0.04	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Munich	29.37	37	WNW	2	0.7	29.43	+0.1	33	-5	SSE	1	0.7	0	0.12	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	The Helder	29.30	40	SSE	1	0.7	29.41	+0.2	40	+4	E	1	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Brussels	29.29	42	ESE	2	0.7	29.33	+0.2	39	0	-	0	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	C. Gris Nez	29.25	40	SW	2	0.7	29.30	+0.2	37	-3	E	1	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	La Hève	29.24	43	S	4	0.7	29.28	0	37	-1	E	3	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Ushant	29.13	48	SW	2	0.7	29.34	0	47	+1	N	4	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Brest (St. Matheu)	29.21	47	W	3	0.7	29.30	+0.5	45	+1	N	3	0.7	0	0.08	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Lorient (Bec Melen)	29.31	47	W	3	0.7	29.30	0	41	-2	ENE	2	0.7	0	0.02	14	8	0.7	0.7	0.7	0.7	0.7	0.7
	Roche fort (Ile d'Aix)	29.31	48	WNW	3	0.7	29.19	+0.2	43	-4	ESE	3											



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**No Warnings Issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Light to moderate Southerly breezes; generally fair to fine, local mist; moderate temperature.

Light South-Easterly and Easterly breezes; generally fair to fine, local mist; moderate temperature.

Same as Nos. 0 to 2.

Calms and variable breezes, mainly Easterly to Northerly; fair to fine, local showers and mist; moderate temperature.

Variable South-Westerly and Westerly breezes, light to moderate; fair to fine, some local showers; moderate temperature.

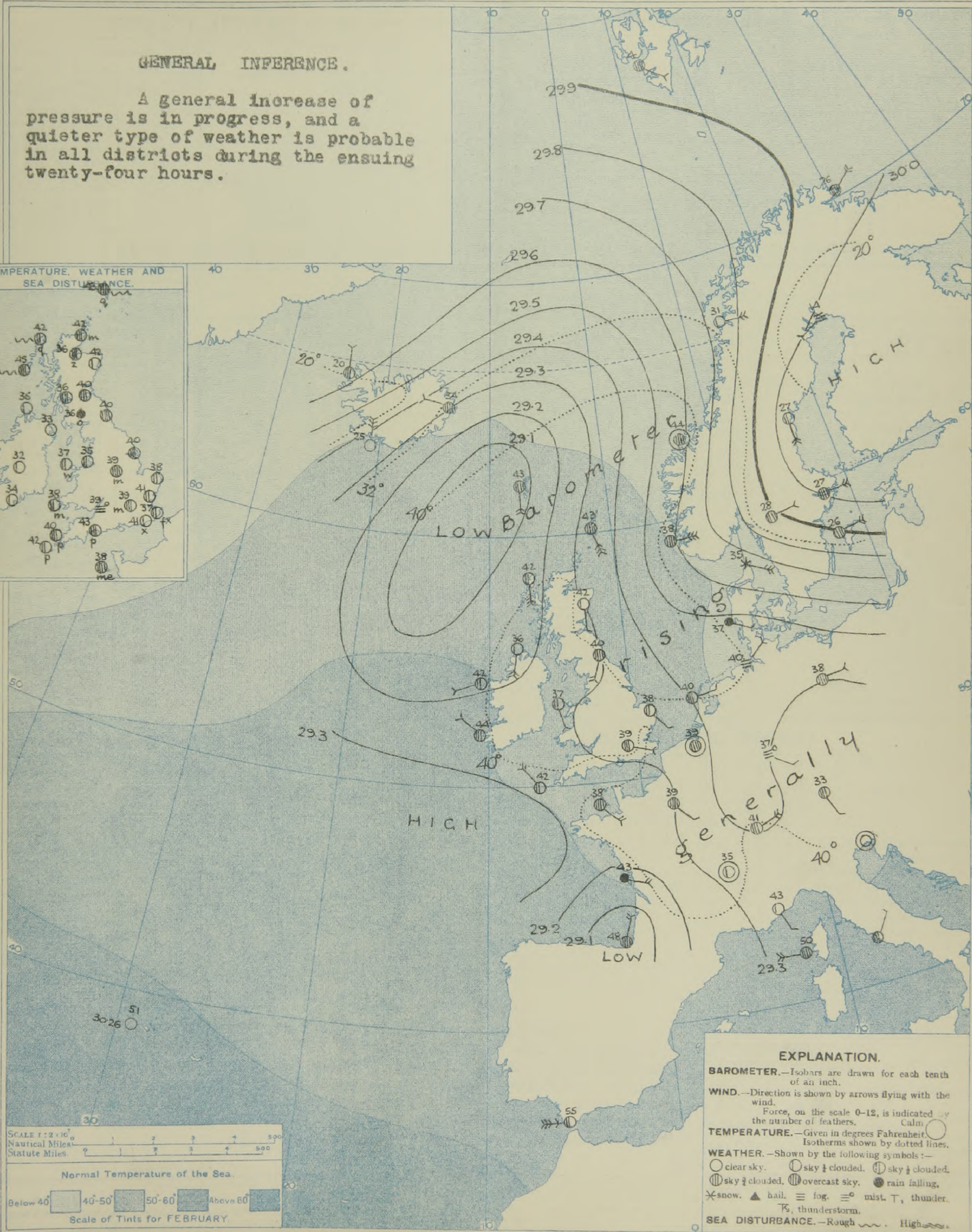
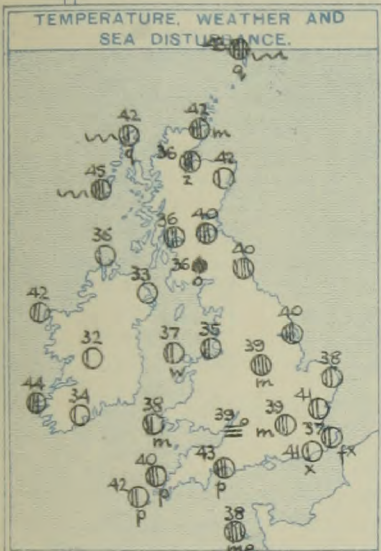
Light breezes, mainly North-Westerly; fair to fine; moderate temperature.

Light to moderate North-Westerly and Northerly breezes; changeable, some rain and mist; moderate temperature.

# SYNOPTIC CHART FOR 7 a.m., Tuesday, 24 FEBRUARY, 1914.

## GENERAL INFERENCE.

A general increase of pressure is in progress, and a quieter type of weather is probable in all districts during the ensuing twenty-four hours.



**EXPLANATION.**

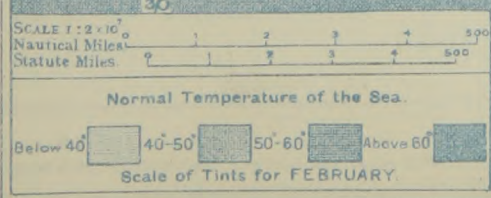
**BAROMETER.**—Isobars are drawn for each tenth of an inch.

**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.  
 ⊕ sky ¾ clouded. ⊕ overcast sky. ⊕ rain falling.  
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough w. High H.



## DAILY WEATHER REPORT.

Tuesday, 24th February 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Homeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Homeward	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
23rd 6 p.m.	50	24	Carthaginian	H	29.63	+0.6	MMW	8-9	c	23rd 7 a.m.	49	27	Carthaginian	H	29.41	-17	TIME	4-5	c
"	50	21	Empress of Ireland	O	29.48	+0.4	NW	8-9	c	"	46	26	Oceanic	H	29.48	-00	NW	4-5	c
"	47	21	Oceanic	H	29.57	+0.1	NW	4-5	c	"	48	25	Minnetonka	O	29.38	+0.7	M	6-7	r
"	48	19	Philadelphia	O	29.39	+0.9	MMW	4-5	bc	"	50	17	Empress of Ireland	O	29.18	-03	NW	8-9	c
"	47	28	Algonia	H	29.52	-00	NW	6-7	r	"	49	15	Philadelphia	O	29.18	+0.3	NW	4-5	b
										"	51	14	Caledonia	O	29.01	+10	NW	6-7	bc
										"	49	9	Kronland	O	29.14	+0.6	MMW	6-7	bc

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	In.	F.	F.			Hr.	(Margate ...)	In.	F.	F.			Hr.
(Oban ...)	0.46	47	39	op.r	or	1.8	(Ramsgate ...)	0.03	47	38	b	b.b.c	5.6
(St. Andrews ...)	-	48	38	*	*	2.3	(Folkestone ...)	0.03	45	39	bc	b.b.c	6.4
Eng. N.E.							(Littlestone ...)	-	46	42	bc.b	b.b.c	4.3
(Harrogate ...)	0.01	46	35	bc	bc.c	2.1	(Hastings ...)	-	47	41	b.b.c	bc.c	6.2
(Scarborough ...)	*	47	36	o.c	o.c	1.0	(Bexhill-on-Sea ...)	-	47	41	bc	bc.c	6.0
Eng. N.W.							(Eastbourne ...)	0.03	46	40	b.b.c	b.b.c	4.8
(Morecambe ...)	0.88	49	41	c.b.c	bc.d	2.1	(Seaford ...)	0.05	47	44	b	b	6.3
(Blackpool ...)	0.39	49	39	o.c	o	2.6	(Brighton ...)	0.08	48	44	bc	c.b.c	7.5
(Southport ...)	0.27	51	38	o.c.b.c	o.c.p.b.c	3.3	(Worthing ...)	0.02	50	39	b	b	8.7
Mid- lands.							(Littlehampton ...)	0.01	51	39	b.b.c	bc.b	4.4
(Buxton ...)	0.16	45	34	bc.or	bc	4.3	(Southsea ...)	0.02	51	39	b.b.c	bc.b	4.4
(Leamington Spa ...)	0.02	50	37	o.c.b.c	or	2.0	(Ryde ...)	-	49	43	bc	bc.c	4.3
(Malvern ...)	-	47	39	bc	bc	1.3	(Ventnor ...)	0.13	54	37	*	*	5.0
Wales.							(Bournemouth ...)	0.02	50	37	c.b.c	or	2.1
(Rhyl ...)	0.06	48	38	bc.c	c	3.3	(Hythe ...)	0.05	51	38	bc	bc	4.4
(Colwyn Bay ...)	0.18	49	39	bc.b	b.b.c	4.3	England, S.E.						
(Llandudno ...)	-	-	-	-	-	-	(Weymouth ...)	0.03	53	40	bc	r.b.c	2.9
(Bettws-y-Coed ...)	-	-	-	-	-	-	(Exmouth ...)	0.06	49	39	b.p	c.b.c	4.0
(Aberystwyth ...)	0.24	47	40	r.o.c	c.b.c	4.0	(Teignmouth ...)	0.03	51	38	bc.c	c.b.c	4.5
(Tenby ...)	0.09	49	45	abc	b.b.c	4.8	(Torquay ...)	0.13	49	38	b	p.b.c	3.5
England, E.							(Paignton ...)	0.18	50	34	b.p	b.p	4.5
(Skegness ...)	-	47	38	bc	p	2.3	(Falmouth ...)	0.51	50	38	cp.b	bc	5.1
(Lowestoft ...)	-	47	38	b.b.c	bc.c	7.2	(Bude ...)	0.32	50	39	bc.p.r	p.r.b.c	1.8
(Felixstowe ...)	-	47	39	bc.b	bc.c	6.5	(Ilfracombe ...)	0.19	48	39	bc.c	cp.b.c	3.1
(Walton-on-Naze ...)	-	46	40	b	b.b.c	6.8	(Weston-super-Mare ...)	0.07	49	37	b.p.b.c	b.p.b.c	3.0
(Southend-on-Sea ...)	-	51	37	bc	b	6.3	England, S.W.						

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Max. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	69	86	7.1	52	34	22	-	bc	bc.c	c.b.c
City (Bunhill Row) ...	75	86	1.5	51	39	35	-	obed	bc	emf
Westminster (St. James's Pk.) ...	75	73	3.8	50	34	31	-	bm.b.c	bc.c	*
Camden Sq. (Brit. Rainfall) ...	69	96	1.6	48	35	21	-	bc	bc.c	of
Hampstead (Reservoir) ...	*	88	1.8							
Richmond Park ...	*	*	4.1							
Kew. (See front page)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	74	91	2.9	Total. 685 Joules	Average Rate. 18.2 Milli-watts.	Max. Rate. 53.0 Milli-watts.				

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.			WEATHER.			Sun- shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
Dublin to 4 p.m.	0.09	47	39	36	ory.c	c.b	bc	*
Plymouth to 9 p.m.	0.10	49	38	34	bf	c.b	o.b.c	4.2
Darwen "	0.24	45	34	33	ourh	ou.b.c	bc.or	2.7
Manchester "	0.17	50	39	*	c.o.r.o	o.b.c	bc.or	3.3
Birmingham "	0.04	47	37	31	p	c	c	2.1
Oxford to 8 p.m.	*	49	36	31	b.c.m	cm.o.c	c.o.p	*
S. Kensington (Museum Grounds to 6 p.m.)	Trace	49	37	28	bc.b.c	bc.m.c	c.o.b.c	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

24th & 25th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.53	G.M.T. 12.6	G.M.T. 5.19
Greenwich ...	6.51	12.6	5.21
Wick ...	6.58	12.13	5.28
Valencia ...	6.56	12.13	5.30
	7.24	12.25	5.27
	7.21	12.25	5.29
	7.41	12.54	6.8
	7.39	12.54	6.10

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 54° at Ventnor, and in most localities the maxima exceeded 45°. Slight rain fell in various districts, but the weather generally was fine, the bright sunshine records ranging up to 8  $\frac{1}{2}$  hours at Littlehampton and Worthing. As far west as the 30th meridian ships experienced North-Westerly to Northerly winds, light to a gale, with changeable weather, occasional rain.

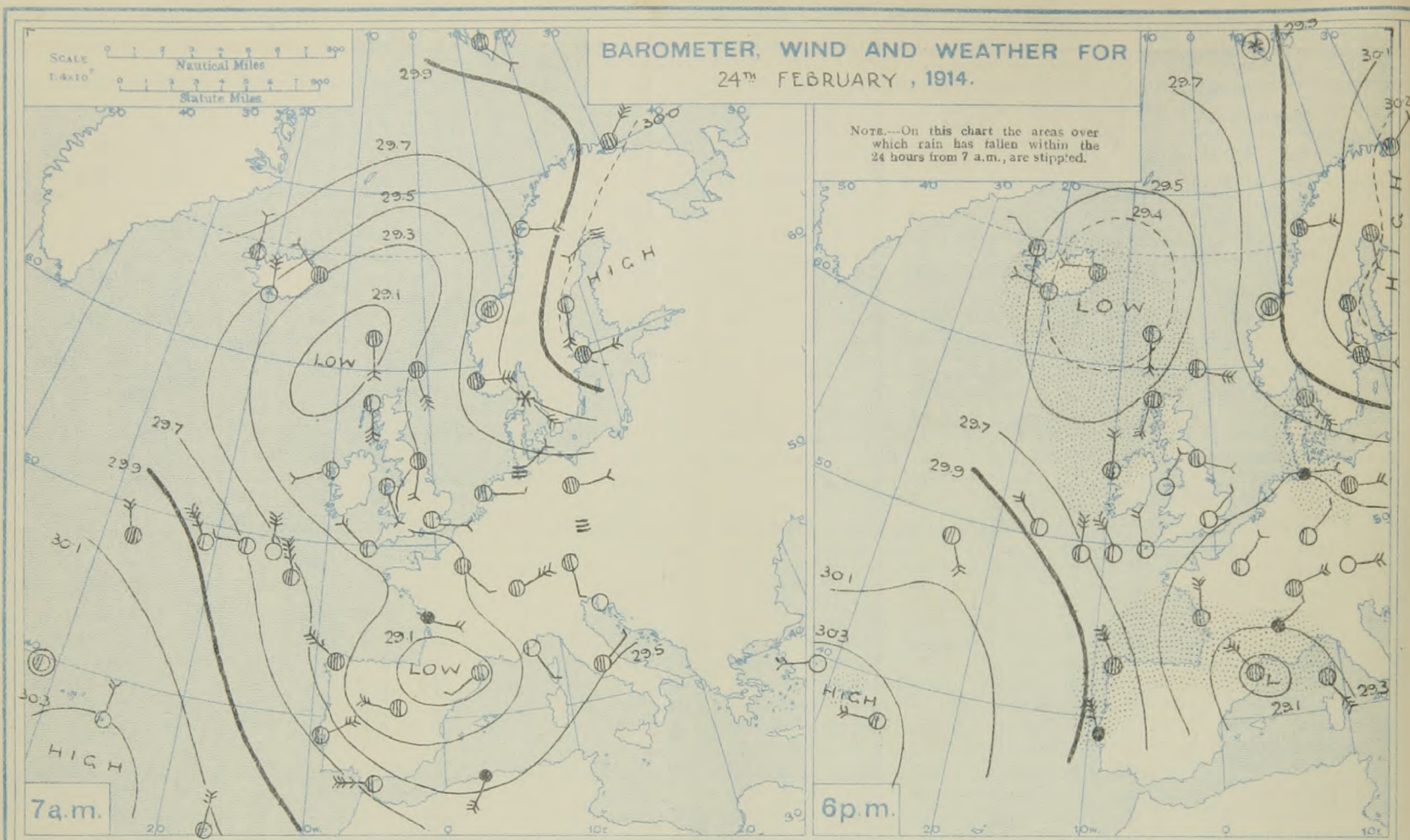
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

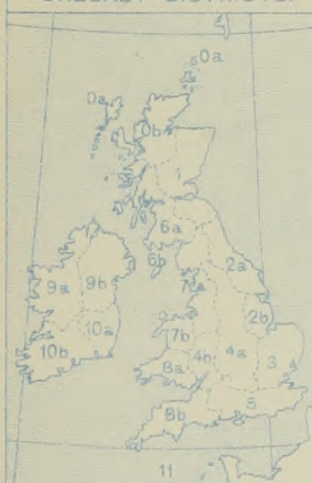
Wednesday,  
25th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Force		Sea	Rain	TEMP.		WEATHER.					
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	Weather	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.					
BRITISH ISLANDS.	Lerwick ...	29.57	44	ESE	6	cq	29.83	+0.05	43	0	SE	5	oq	5	0.13	45	40	cp oq	cq	cp hq				
	Stornoway ...	29.51	44	SSW	5	o	29.85	+0.06	37	-5	MW	2	bc	2	0.03	46	37	c bc	bc op	cp bc		1.0		
	Castlebay (Barra Isd.)	29.52	45	W	3	bc	29.85	+0.05	43	-2	-	0	o	2	0.10	46	41	c op	op bc	bc o		1.1		
	Glasgow ...	29.57	42	W	1	bz	29.84	+0.07	34	-2	SSW	1	cf	*	0.01	48	32	c bc c	bc	bf of		4.8		
	Eskdalemuir ...	29.61	35	-	0	b	29.87	+0.05	23	-13	-	0	bc	*	Trace	45	23	bc	bc b	b		3.7		
	Malin Head ...	29.54	43	SW	3	r	29.87	+0.05	43	+7	W	1	c	1	0.12	46	35	bc	omd	cmp		*		
	Blacksod Point ...	29.61	46	N	4	cp	29.90	+0.06	42	0	NW	1	bc m	2	0.21	49	38	bc p	cp	bc m		*		
	Valencia ...	29.63	46	NNW	5	c	29.94	+0.05	39	-5	E	1	bc	4	0.28	49	39	cp	cp	cp		1.8		
	Roche's Point ...	29.56	46	N	2	c	29.91	*	42	+8	N	2	b	2	0.03	49	32	bc m	bc m	cp b		*		
	Birr Castle ...	29.55	42	SW	1	bc	29.88	*	36	+4	-	0	c	*	-	48	30	bc	bc	c		7.3		
	Donaghadee ...	29.55	43	S	2	c	29.83	+1.10	40	+7	NW	2	c	2	0.01	49	31	b	c	bc omp		*		
	Liverpool Obsy. ...	29.56	42	NNW	1	m	29.82	+0.05	37	+2	WSW	2	f	1	-	46	32	bm	bm	fc		5.3		
	Holyhead ...	29.57	49	NE	2	bz	29.84	+0.04	42	+5	NW	1	bm	2	Trace	50	36	bc	bc bc	bc m		8.0		
	Pembroke (St. Ann's Hd.)	29.53	43	N	1	b	29.83	+0.04	39	+1	N	1	b	1	-	48	37	bc m	b	b		7.3		
	Newquay ...	29.50	45	NNW	2	b	29.82	+0.07	45	+5	NNE	2	b	3	0.10	47	38	bc m	bc	bc		6.9		
	Scilly (St. Mary's) ...	29.52	45	NNW	3	bu	29.83	+0.06	46	+4	NNE	4	bc	3	Trace	51	41	bc	bc	bc		8.8		
	Jersey (St. Aubin) ...	29.48	46	NNW	3	bc	29.75	*	43	+5	N	3	om	3	-	50	38	c o	c b	bc om		2.8		
	Portland Bill ...	29.51	44	N	2	c	29.81	+0.09	38	-5	NNE	1	bm	2	0.22	46	38	cp	c	c bc b		*		
	Dungeness ...	29.46	44	E	3	b	29.73	+0.05	39	-2	NE	4	o	3	-	49	34	bc b	bc b	bc f o		*		
	Dover ...	29.49	41	NNE	3	bz	29.73	*	37	0	NW	4	o	2	0.02	51	37	bc m	bc b	bc		8.0		
ICELAND, FAEROE, &c.	Wick ...	29.54	44	SSE	3	b	29.84	+0.07	34	-8	S	1	bc m	2	Trace	45	33	cm bc m	bm	bomp		*		
	Nairn ...	29.56	38	S	1	bcz	29.84	*	31	-5	-	0	c	1	-	48	30	bc b	b	bcz		8.2		
	Aberdeen ...	29.59	41	S	2	b	29.86	+0.06	32	-10	W	2	c	2	-	49	30	bc b	b	bcz		5.0		
	Leith ...	29.56	42	ESE	2	bc	29.82	+0.06	33	-7	W	1	m	*	-	45	31	o c	o bc	oz		*		
	North Shields ...	29.57	42	ESE	2	c	29.80	+0.02	34	-6	NW	2	c	2	-	44	31	z	c	cf c		1.0		
	Spurn Head ...	29.54	41	ESE	2	bc	29.72	+0.03	39	-1	NNW	4	cm	3	Trace	47	36	o c	bc	bc		2.7		
	Yarmouth ...	29.51	42	ENE	1	bc	29.73	+0.03	38	0	WNW	1	c	1	Trace	45	35	bc	bc	bce		8.2		
	Clacton-on-Sea ...	29.48	44	NE	2	bc m	29.74	+0.07	35	-6	NW	2	om	0	-	48	35	bc	bc m	b om		8.3		
	Nottingham ...	29.56	44	NE	2	b	29.80	*	35	-4	W	2	f	*	0.01	47	35	op	a c b	c b		0.0		
	Bath ...	29.53	44	ENE	1	o	29.83	*	38	-1	WNW	1	m	*	0.03	49	34	m o	op c	om		1.1		
	London (Kew Obsy.) ...	29.52	44	NE	1	bz x	29.80	+0.05	35	-4	-	0	om	*	Trace	48	33	cm c	bz bz x	bc m x d m		1.6		
	Spitzbergen ...	29.87	8	-	0	s	29.68	-0.06	16	+12	N	1	c	*	?	16	3							
	Isafjord ...	29.53	22	NW	1	c	29.04	-0.21	28	+8	NE	8	s	*	*	*	*							
	Reykjavik ...	29.43	26	E	1	bc	29.04	-0.02	31	-12	-	0	o	*	*	*	*							
	Vestmanna ...	29.40	24	WNW	1	b	29.09	-0.06	33	+8	W	4	r	1	*	*	*							
	Seydisfjord ...	29.32	33	W	3	o	29.30	+0.00	28	-6	-	0	o	*	*	*	*							
	Thorshavn ...	29.32	43	S	4	c	29.67	+0.05	41	-2	SW	3	c	*	*	*	*							
SCANDINAVIA.	Haparanda ...	30.14	21	S	2	o	30.12	+0.00	20	+6	SE	2	o	*	-	23	14							
	Hernösand ...	30.17	27	S	2	o	30.26	+0.01	25	-2	SW	2	bc	*	-	27	23							
	Stockholm ...	30.10	30	ESE	2	o	30.21	+0.01	27	0	E	2	b	*	-	30	25							
	Wisby ...	30.03	31	E	4	b	30.13	+0.03	29	+3	E	2	b	*	-	32	25							
	Karlstad ...	30.03	27	E	2	b	30.19	+0.04	29	+1	-	0	c	*	-	30	23							
	Vardö ...	30.22	22	NE	2	o	30.08	-0.04	21	-5	S	4	o	3	?	26	10							
	Bodö ...	29.91	30	E	4	o	29.93	+0.02	30	-1	E	3	b	2	-	34	27							
	Christiansund ...	29.80	41	-	0	o	29.96	+0.05	39	-5	-	0	c	3	-	44	39							
	Skudesnaes ...	29.94	32	NE	5	b	30.11	+0.04	30	-2	NE	5	c	2	-	34	28							
	Færder (X'ania Fjord) ...	29.81	35	SE	7	o	30.02	+0.11	33	-2	E	4	o	1	0.08	36	32							
GERMANY, &c.	Blaavands Huk ...	29.58	38	S	3	r	29.80	+0.08	33	-4	ESE	6	g	5	0.32	38	32							
	Cuxhaven ...	29.49	42	E	2	r	29.69	+0.06	36	-4	ESE	5	m	3	0.32	43	36							
	Berlin ...	29.53	39	E	3	o	29.73	+0.04	31	-7	E	4	o	*	0.32	45	31							
	Frankfurt ...	29.45	46	NE	1	bc	29.64	+0.06	36	-1	NE	1	o	*	-	41	34							
	Munich ...	29.47	36	E	4	b	29.57	+0.01	31	-2	E	4	f	*	-	45	30							
	The Helder ...	29.53	41	NE	2	o	29.69	+0.03	40	0	WNW	1	c	1	-	43	39							
	Brussels ...	29.49	41	ENE	2	b	29.69	+0.05	36	-3	NNE	1	f	*	?	56	34							
	C. Gris Nez ...	29.47	42	NE	4	c	29.74	+0.06	41	+4	N	4	m	2	Trace	48	37							
	La Hève ...	29.45	42	NE	2	b	29.72	*	41	+4	NE	2	m	?	-	45	37							
	Ushant ...	29.57	48	N	5	b	29.77	*	48	+1	N	4	c	5	-	52	41							
FRANCE.	Brest (St. Mathieu) ...	29.52	48	NNW	3	b	29.84	+0.09	44	-1	NNE	2	bc	3	-	52	41							
	Lorient (Beo Melen) ...	29.52	46	N	4	c	*	*	41	0	N	3	bc	3	0.08	50	37							
	Rochefort (Ile d'Aix) ...	29.39	48	N	5	bc	29.66	+0.08	41	-2	N	4	o	*	0.04	52	41							
	Biarritz ...	29.27	49	NNW	4	r	29.63	+0.06	46	0	NNE	5	o	4	0.67	50	43							
	Paris ...	29.40	44	NNE	2	b	29.65	+0.03	35	-4	N	3	b	*	-	51	35							
	Belfort ...	29.35	43	ENE	4	o	29.49	*	34	-7	ENE	3	o	*	-	49	35							
	Lyons ...	29.31	43	NE	1	r	29.43	*	40	+5	N	1	o	*	0.32	46	35							
	Nice ...	29.29	43	-	0	r	29.31	+0.02	42	+1	E	4	o	b	1.73	48	37							
	Perpignan ...	29.06	45	NW	5	o	29.40	+0.08	43	-6	NW	4	o	*	0.47	55	40							
	Sanguinaire ...	29.06	53	SE	7	o	*	*	53	+3	S	7	o	7	0.28	55	48							
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	29.83	51	NW	6	o	29.96	+0.08	50	+1	WNW	6	o	8	0.08	54	46							
	Lisbon (9 a.m.) ...	29.83	50	NNW	7	r	30.01	+0.08	50	-1	NNW	4	c	6	0.08	52	48							
	Gibraltar ...	29.83	50	NNW	7	r	30.01	+0.08	50	-1	NNW	4	c	6	0.08	52	48							
	Azores (Horta, 8 a.m.) ...	30.33	*	SSW	4	c	30.31	+0.00	60	+9	SW	4												



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

NO  
Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Calms and light variable breezes; generally fair or fine, local mist; moderate temperature.

Light variable breezes, mainly Northerly; generally fair or fine, some mist or fog locally; moderate temperature.

Same as Nos. 0 and 1.

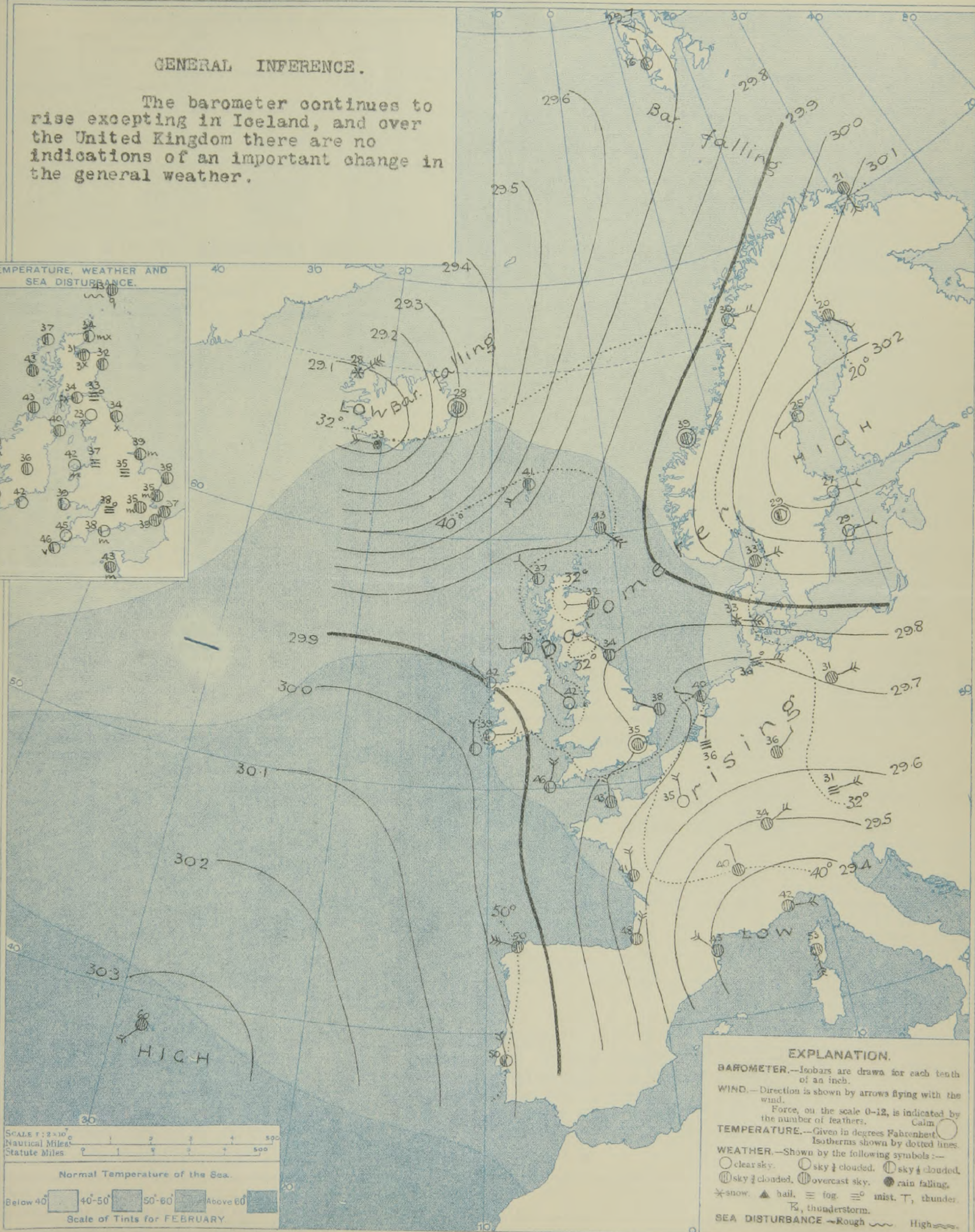
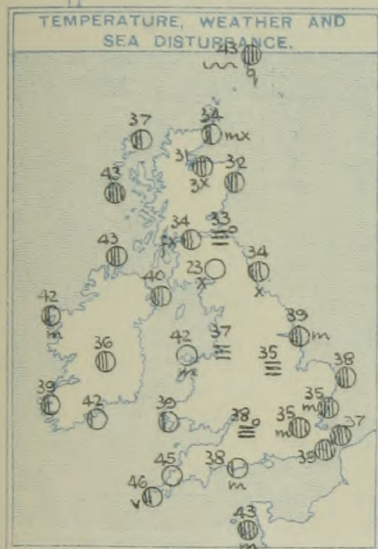
Light variable North-Westerly to Northerly breezes; generally fair or fine, local mist; moderate temperature.

Light to moderate Northerly breezes; slight to moderate sea; generally fair or fine, local mist; moderate temperature.

# SYNOPTIC CHART FOR 7 a.m., Wednesday, 25<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The barometer continues to rise excepting in Iceland, and over the United Kingdom there are no indications of an important change in the general weather.



## EXPLANATION.

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

**WIND.**—Direction is shown by arrows flying with the wind.

Force, on the scale 0-12, is indicated by the number of feathers.

**TEMPERATURE.**—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

☁ sky & clouded. ☁ overcast sky. ☁ rain falling.

\* snow. ▲ hail. ☁ mist. T, thunder.

☁ thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~

## DAILY WEATHER REPORT.

Wednesday, 25th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 7am	51	11	Alouia	H	29.99	+0.2	M	1-3	bc	24th 1pm	49	13	Manitou	H	29.76	+0.6	H	6-7	bc
24th 6pm	49	23	Campania	H	29.97	-0.1	SSE	4-5	c	24th 7am	48	27	Campania	H	30.05	+0.2	MMW	4-5	o
" "	50	16	Alouia	H	29.93	0.0	MW	4-5	bc	" "	49	20	Alouia	H	29.83	+0.6	MW	8-9	bc
" "	49	12	Manitou	H	29.83	+0.4	N	6-7	bc	" "	49	17	Manitou	H	29.76	?	W	1-3	bc
" "	49	9	Oceanic	H	29.61	+0.4	MW	6-7	bc	" "	49	15	Manitou	H	29.56	+0.9	M	6-7	b
										" "	48	14	Oceanic	H	29.52	+0.8	MMW	8-9	c

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	(Oban ... ..)	In. 0.07	F.° 48	F.° 39	b.bc	b	7.5	(Margate ... ..)	-	In. 48	F.° 43	b	bc.b	6.2	
	(St. Andrews ... ..)				*	*		(Ramsgate ... ..)	-	47	38	*	*	6.6	
Eng. N.E.	(Harrogate ... ..)	0.01	40	32	m.o	c.o	0.0	(Folkestone ... ..)	-	51	38	bc.b	b.bc	7.0	
	(Scarborough ... ..)	*	46	39	o.c	o.c	2.3	(Littlestone ... ..)	*	*	*	*	*	6.7	
Eng. N.W.	(Morecambe ... ..)	0.07	46	34	bc	bc	4.1	(Hastings ... ..)	-	50	40	b	b.bc.b	6.1	
	(Blackpool ... ..)	0.09	48	33	c	c	6.8	(Bexhill-on-Sea ... ..)	-	50	42	bc	bc.b	6.2	
	(Southport ... ..)	-	47	33	bm.bc.b	b.bc.c	6.0	(Eastbourne ... ..)	-	49	?	b.bc	b.bc	6.1	
Mid- land.	(Buxton ... ..)	0.03	43	34	bc.o	bc	0.5	(Seaford ... ..)	-	51	44	b	b	6.6	
	(Leamington Spa ... ..)	0.02	46	36	o	o	0.0	(Brighton ... ..)	-	50	39	cr.bc	bc.c	6.4	
	(Malvern ... ..)	-	43	36	m	m.c	1.0	(Worthing ... ..)	-	51	39	b	b.bc	8.1	
Wales.	(Rhyl ... ..)	-	48	32	b	b	7.5	(Littlehampton ... ..)	-	*	*	*	*	8.3	
	(Colwyn Bay ... ..)	-	46	36	b.bc	bc	4.6	(Southsea ... ..)	0.21	48	33	bc	c	0.3	
	(Llandudno ... ..)	0.02	48	39	b	bc	1.4	(Ryde ... ..)	0.05	47	40	bc	c	0.3	
	(Bettws-y-Coed ... ..)	-	46	36	o.c	c.b	7.7	(Ventnor ... ..)	0.10	52	41	*	*	2.8	
	(Aberystwyth ... ..)	-	46	36	o.c	c.b	7.7	(Bournemouth ... ..)	0.15	50	37	o.c	o	0.7	
England, E.	(Tenby ... ..)	-	49	43	b	b	6.3	(Hythe ... ..)	-	51	33	b	b	7.8	
	(Shrewsbury ... ..)	-	45	?	b	b	7.8	(Weymouth ... ..)	0.87	46	38	f.cr.bc	bemp.c	0.7	
	(Lowestoft ... ..)	-	47	38	b.bc	bc.c.b	7.2	(Exmouth ... ..)	0.09	49	35	bc.b	c.b	1.6	
	(Felixstowe ... ..)	-	48	35	bf	bf	8.4	(Teignmouth ... ..)	0.01	49	36	bc	bc.c.p	1.3	
	(Walton-on-Naze ... ..)	-	46	40	bcm	bm	8.5	(Torquay ... ..)	0.01	51	37	o	c.bc	2.2	
(Southend-on-Sea ... ..)	-	50	38	b	bc	7.5	(Paignton ... ..)	0.03	50	35	f.c.bc	b.c.p	2.8		
							(Falmouth ... ..)	0.01	49	36	cf.b	bc	8.2		
							(Bude ... ..)	0.26	50	34	r.b	b.bc	6.7		
							(Ilfracombe ... ..)	-	49	35	b.bc.b	b.bcf	7.8		
							(Weston-super-Mare ... ..)	-	47	33	f.bc.b	b	4.0		

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obsy.) ...	68	94	5.3	50	34	23	In.	bc	bc fa.o
City (Bunhill Row) ...	"	"	0.2	"	"	"	"	"	"
Westminster (St. James's Pk.)	73	94	2.6	49	46	33	-	fm	o.bc bc.om
Camden Sq. (Brit. Rainfall)	73	97	0.0	48	34	29	-	bm	o.c
Hampstead (Reservoir) ...	"	99	1.0	46	32	20	-	c	b.c om
Richmond Park ...	"	"	"	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
				Total.	Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				33.4 joules	8.8 Milliwatts.		32.0 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	0.01	46	33	30	bc	bc.f b
Plymouth to 9 p.m.	0.13	50	36	32	c.b	c.bf c.b
Darwen "	0.01	44	34	31	ob.b.f	c.b b.cuf
Manchester "	"	"	"	"	"	"
Birmingham "	0.01	44	34	29	o	f.o o
Oxford to 8 p.m.	"	50	38	29	o.om	om omem
S. Kensington (Museum Grounds to 6 p.m.)	-	47	39	28	bc	bem.c egg.bm

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

25th & 26th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.51 6.49	G.M.T. 12.6 12.6	G.M.T. 5.21 5.23
Greenwich ...	6.56 6.54	12.13 12.13	5.30 5.32
Wick ...	7.21 7.18	12.25 12.25	5.29 5.32
Valencia ...	7.39 7.37	12.54 12.54	6.10 6.12

Temperature rose to about 50° at many stations. There was no important rainfall. The day generally was very fine, the bright sunshine records exceeding 7 hours in many places, and amounting to 8 1/2 hours at Scilly. As far west as the 28th meridian ships experienced North-Westerly and Northerly winds, moderate or fresh to a gale, with fair weather.

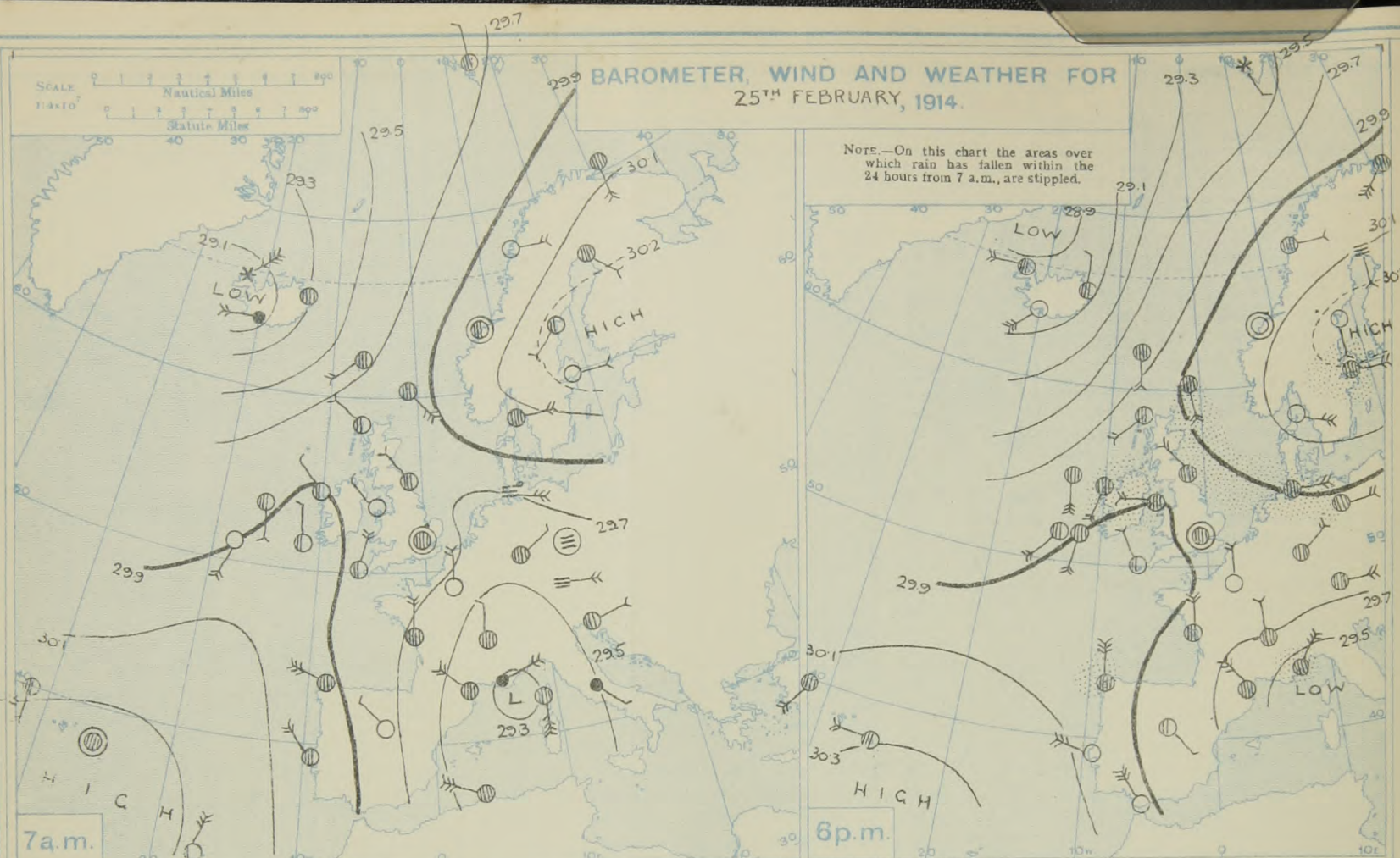
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

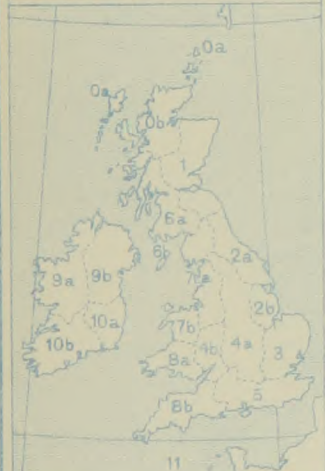
Thursday,  
26th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.					
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Force (0 to 12).				At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ...	29.91	41	SSE	4	0	29.70	-0.3	43	0	SSE	5	org	4	0.14	43	39	bc	bc	bc	bc	Hours		
	Stornoway ...	29.79	42	SW	3	c	29.63	-0.2	44	+7	SSW	7	oeq	5	-	45	36	bc	bc	bc	bc	3.0		
	Castlebay (Barra Isd.)	29.80	46	SE	4	0	29.65	-0.1	44	+1	S	5	op	6	-	47	43	bc	bc	bc	bc	2.1		
	Glasgow ...	29.88	39	E	1	0	29.81	-0.1	36	+2	ENE	1	o	8	-	47	32	bc	bc	bc	bc	1.9		
	Eskdalemuir ...	29.87	34	NNW	2	b	29.86	+0.1	29	+6	-	0	cxc	8	-	45	23	bc	bc	bc	bc	5.6		
	Malin Head ...	29.84	45	W	1	c	29.67	-0.3	41	-2	SW	5	c	2	0.06	48	40	cm	cm	cm	cm	*		
	Blackod Point ...	29.83	46	SSW	4	org	29.67	+0.4	47	+5	WSW	1	ed	2	0.25	47	36	bc	bc	bc	bc	*		
	Valencia ...	29.91	47	S	2	cr	29.70	-0.4	49	+10	SSE	4	mr	4	0.41	50	38	bc	bc	bc	bc	2.7		
	Roche's Point ...	29.94	46	WSW	2	0	29.80	*	47	+5	SSW	4	r	4	0.15	49	40	bc	bc	bc	bc	*		
	Birr Castle ...	29.89	45	SW	1	c	29.75	*	44	+8	SE	1	r	8	0.12	48	34	bc	bc	bc	bc	4.4		
	Donaghadee ...	29.87	45	NE	2	c	29.79	+0.3	41	+1	SW	2	omr	2	0.04	49	40	bc	bc	bc	bc	*		
	Liverpool Obsy. ...	29.88	43	W	2	0	29.85	-0.1	41	+4	WSW	2	c	2	-	45	35	fb	bc	bc	bc	4.6		
	Holyhead ...	29.90	45	W	3	og	29.85	0.0	45	+3	SW	3	odg	2	Trace	47	35	bc	bc	bc	bc	2.3		
	Pembroke (St. Ann's Hd.)	29.92	43	WNW	1	b	29.87	-0.2	44	+5	WSW	3	cp	3	0.01	48	38	bc	bc	bc	bc	9.2		
	Newquay ...	29.93	45	NW	2	b	29.91	0.0	41	-4	SE	1	om	3	0.01	48	37	bc	bc	bc	bc	9.0		
	Scilly (St. Mary's) ...	29.92	46	NNW	2	bc	29.89	-0.1	47	+1	SW	3	c	3	-	52	43	bc	bc	bc	bc	9.0		
	Jersey (St. Aubin) ...	29.91	46	NW	3	cm	29.98	*	37	-6	W	3	om	3	-	54	34	bc	bc	bc	bc	8.5		
	Portland Bill ...	29.85	45	NW	2	bm	29.94	0.0	42	+4	WNW	1	bc	2	-	47	38	bc	bc	bc	bc	*		
	Dungeness ...	29.85	43	NNW	2	bc	29.89	0.0	35	-4	W	1	bc	1	-	47	34	bc	bc	bc	bc	*		
	Dover ...	29.85	37	NW	2	b	29.90	*	38	+1	NW	1	c	2	-	49	33	bc	bc	bc	bc	5.4		
ICELAND, FAEROE, &c.	Wick ...	29.86	41	SSE	3	bc	29.70	-0.3	42	+8	SSE	5	cm	5	Trace	43	33	bc	bc	bc	bc	*		
	Nairn ...	29.85	39	SE	1	om	29.71	*	40	+9	SE	1	c	1	Trace	43	30	bc	bc	bc	bc	5.2		
	Aberdeen ...	29.88	40	E	2	c	29.82	-0.1	39	+7	S	2	b	3	0.03	47	32	bc	bc	bc	bc	3.7		
	Leith ...	29.86	40	E	2	c	29.80	-0.2	35	+2	-	0	m	8	-	43	30	bc	bc	bc	bc	*		
	North Shields ...	29.85	40	NW	3	op	29.84	+0.1	37	+3	WNW	2	c	4	0.05	43	33	or	or	or	or	0.0		
	Spurn Head ...	29.78	41	NW	4	c	29.82	+0.1	40	+1	NW	4	c	4	0.03	43	38	cgr	op	op	op	0.1		
	Yarmouth ...	29.81	42	NW	2	cm	29.85	0.0	39	+1	W	1	omd	1	-	44	32	cm	cm	cm	cm	0.7		
	Clacton-on-Sea ...	29.82	42	W	2	cm	29.87	-0.0	38	+3	W	2	cm	1	-	46	35	bc	bc	bc	bc	6.5		
	Nottingham ...	29.84	43	NW	1	f	29.87	*	36	+1	SW	1	om	8	-	46	32	fcm	fcm	fcm	fcm	0.0		
	Bath ...	29.89	44	W	1	m	29.93	*	35	-3	W	1	o	8	-	50	32	m	m	m	m	4.4		
SCANDINAVIA.	London (Kew Obsy.) ...	29.87	38	-	0	omw	29.91	+0.2	36	+1	WSW	1	om	8	Trace	41	33	om	om	om	om	0.4		
	Spitzbergen ...	29.42	19	SSE	1	S	29.56	+0.7	22	+6	SSE	1	c	8	?	22	12							
	Isafjord ...	29.95	31	W	4	c	29.94	0.0	23	-5	-	0	c	8	*	*	*							
	Reykjavik ...	29.05	28	SW	2	c	28.76	+0.1	30	-1	E	3	s	8	*	*	*							
	Vestmanna ...	29.06	33	SW	6	b	28.81	-0.1	34	+1	WSW	9	c	2	*	*	*							
	Seydisfjord ...	29.05	41	N	1	c	29.02	-0.2	29	+1	-	0	b	8	*	*	*							
GERMANY, &c.	Thorshavn ...	29.66	43	S	3	o	29.34	-0.3	38	-3	WSW	4	r	8	*	*	*							
	Haparanda ...	30.10	4	S	2	f	30.10	+0.2	-3	-23	M	2	b	8	-	21	-4							
	Hernösand ...	30.23	27	S	2	b	30.14	-0.2	9	-16	-	0	c	8	-	30	5							
	Stockholm ...	30.19	30	E	4	o	30.03	-0.4	30	+3	E	2	o	8	0.04	32	27							
	Wisby ...	30.12	27	E	2	s	29.99	-0.4	31	+2	E	2	o	8	0.04	32	27							
	Karlstad ...	30.15	28	-	0	b	30.04	-0.8	23	-6	M	2	s	8	Trace	36	18							
	Vardö ...	29.94	22	SW	6	o	29.95	-0.1	30	+9	SSW	2	s	3	?	30	10							
	Bodö ...	30.01	32	E	2	o	29.97	-0.2	32	+2	E	1	c	1	-	33	28							
	Christiansund ...	30.06	38	-	0	b	29.96	-0.2	32	-7	-	0	b	3	-	43	30							
	Skudesnaes ...	30.15	28	M	6	b	30.05	-0.1	22	-8	M	4	o	2	-	30	21							
FRANCE.	Færder (K'ania Fjord) ...	30.15	35	ESE	5	b	30.02	-0.2	31	-2	-	0	o	2	-	30	30							
	The Scaw (Skagen) ...	29.99	33	ESE	3	o	29.99	+0.2	32	-1	ESE	1	o	1	0.04	36	30							
	Blaavands Huk ...	29.99	33	ESE	3	o	29.99	+0.2	32	-1	ESE	1	o	1	0.04	36	30							
	Cuxhaven ...	29.90	34	E	4	o	29.96	0.0	32	-4	E	3	o	0	?	36	30							
	Berlin ...	29.82	30	E	3	o	29.93	+0.1	32	+1	E	2	o	8	0.04	37	30							
	Frankfurt ...	29.75	39	NE	3	o	29.89	+0.4	36	0	NE	3	o	8	-	43	32							
	Munich ...	29.65	37	E	4	o	29.81	+0.2	35	+4	WN	3	f	8	-	37	31							
	The Helder ...	29.84	41	-	0	c	29.89	+0.1	39	-1	SE	1	o	0	0.04	43	37							
	Brussels ...	29.85	40	NNW	1	c	29.93	+0.6	32	-4	-	0	f	8	-	41	30							
	C. Gris Nez ...	29.86	42	NNW	4	b	29.89	+0.1	40	-1	WSW	3	o	1	-	45	39							
SPAIN, PORTUGAL, &c.	La Hève ...	29.88	41	NNE	2	m	29.94	*	37	-4	SSW	2	m	1	-	46	36							
	Ushant ...	29.88	48	NNE	3	bc	29.96	*	50	+2	W	3	o	3	-	50	46							
	Brest (St. Mathieu) ...	29.97	47	NW	2	bc	30.00	0.0	44	0	SW	3	o	3	-	52	41							
	Lorient (Bec Melen) ...	29.97	48	NNE	2	bc	30.00	*	42	+1	NW	2	o	3	-	52	37							
	Rochefort (Ile d' Aix) ...	29.84	49	N	4	c	29.99	+0.3	37	-4	NNE	3	b	8	-	52	36							
	Biarritz ...	29.84	49	N	4	c	29.99	+0.3	37	-4	NNE	3	b	8	-	52	36							
	Paris ...	29.84	41	M	2	bc	29.97	+0.4	36	+1	-	0	o	8	-	44	34							
	Belfort ...	29.66	28	ENE	6	o	29.81	*	36	+2	-	0	m	8	-	43	33							
	Lyons ...	29.67	43	M	2	o	29.82	*	39	-1	N	3	o	8	-	50	38							
	Nice ...	29.45	49	NE	5	o	29.39	0.0	51	+9	-	0	o	4	0.35	50	41							
PORTUGAL, &c.	Perpignan ...	29.58	45	NW	5	o	29.66	-0.2	44	+1	NW	6	o	8	-	48	43							
	Sanguinaire ...	29.58	45	NW	5	o	29.66	-0.2	44	+1	NW	6	o	8	-	48	43							
	Corunna (8 a.m.) ...	29.94	53	?	6	o	30.15	0.0	46	-4	N	1	o	6	0.08	54	43							
PORTUGAL, &c.	Lisbon (9 a.m.) ...	30.07	51	WNW	5	b	30.11	+0.1	49	-1	NNW	2	bc	5	-	54	48							
	Gibraltar ...	29.91	53	NW	6	b	29.98	*	48	-	NNW	5	b	2	-	57	44							
	Azores (Horta, 8 a.m.) ...	30.26	*	SSW	4	o	30.13	-0.1	59	-1	SSW	5	o	4	-	61	57							



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

Western Channel and Bay. 11

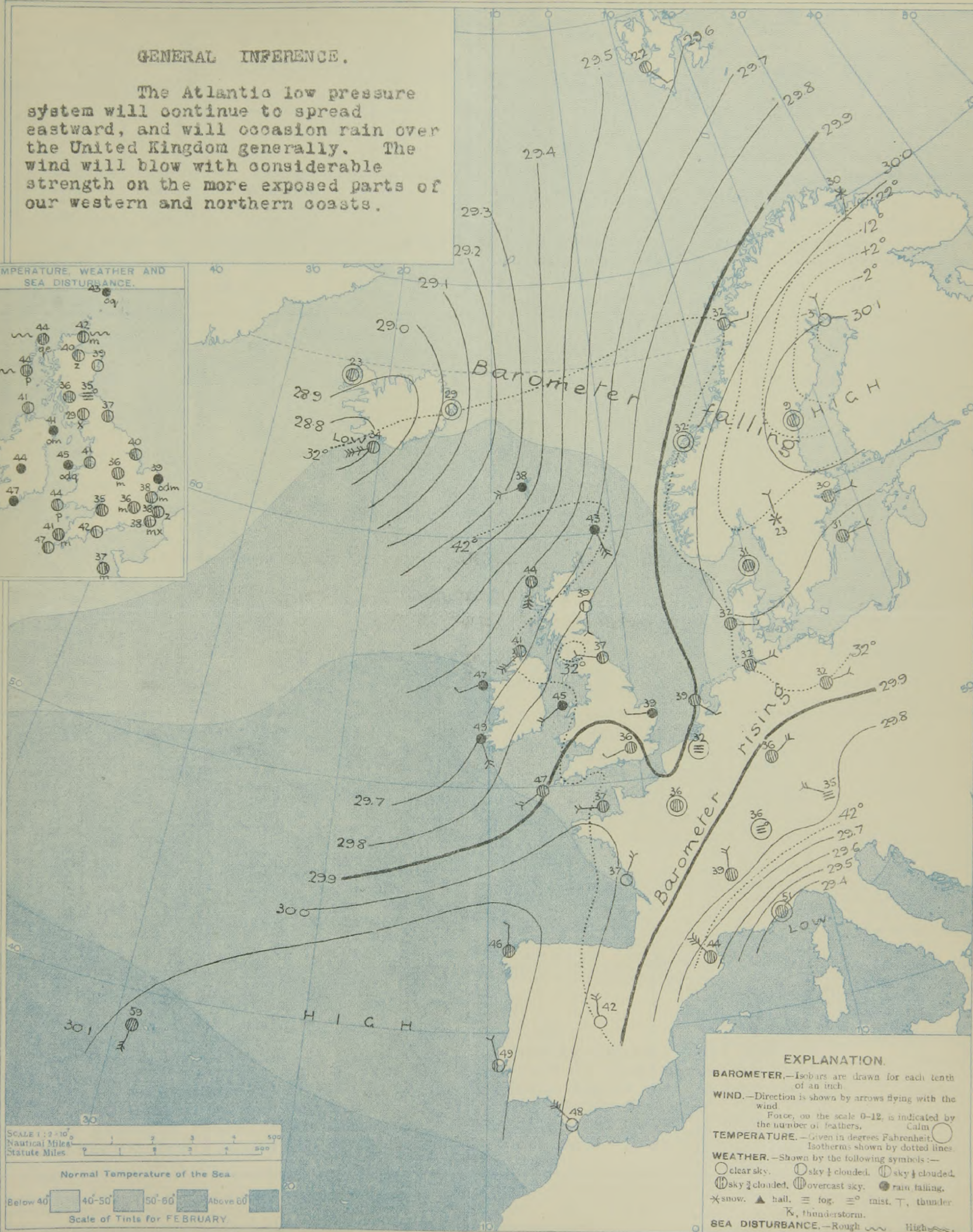
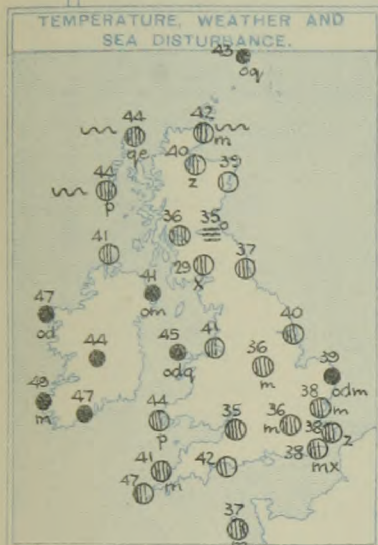
**FURTHER OUTLOOK.**

- 0 { a } Southerly winds, strong in places; squally, occasional rain; normal temperature.
- 0 { b }
- 1 { } Southerly winds, freshening; fair at first, some rain later; becoming milder.
- 2 { a }
- 2 { b }
- 3 { } Westerly to South-Westerly or Southerly winds, light or moderate; fair to-day, some rain to-night or to-morrow; becoming milder.
- 4 { a }
- 4 { b }
- 5 { }
- 6 { a }
- 6 { b }
- 7 { a }
- 7 { b } Southerly and South-Westerly winds, freshening, strong in places; mild, unsettled, occasional rain.
- 8 { a }
- 8 { b }
- 9 { a }
- 9 { b }
- 10 { a }
- 10 { b } Freshening South-Westerly winds and a moderate to rather rough sea; fair at first, showery later; continuing mild.

# SYNOPTIC CHART FOR 7 a.m., Thursday, 26<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The Atlantic low pressure system will continue to spread eastward, and will occasion rain over the United Kingdom generally. The wind will blow with considerable strength on the more exposed parts of our western and northern coasts.



## EXPLANATION.

- BAROMETER.**—Isobars are drawn for each tenth of an inch.
- WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky & clouded. ○ sky & clouded.  
○ sky & clouded. ○ overcast sky. ● rain falling.  
✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
K, thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~.

## DAILY WEATHER REPORT.

Thursday, 26th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward, H. or Homeward, H.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward, H. or Homeward, H.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 6 p.m.	51	13	Victorian	H	29.83	-.01	SW	4-5	c	25th 7 p.m.	50	18	Victorian	H	29.87	-.01	SSW	4-5	c
"	51	12	Carthaginian	H	29.85	-.01	SSW	6-7	o	"	50	17	Campania	H	29.95	-.01	SSW	6-7	?
"	51	12	Campania	H	29.93	+.01	SSW	4-5	o	"	53	15	Carthaginian	H	29.84	-.02	S	1-3	c
"	55	9	Sicilian	H	29.82	-.06	SSW	4-5	o	"	54	12	Sicilian	H	29.91	.00	SSW	4-5	o

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land. (Oban ...)	In.	F.	F.	m.o.	c.o.	0.1	Margate ...	In.	F.	F.	c.b.c.	b.c.	5.4
(St. Andrews ...)	-	46	40	*	*	1.5	Ramsgate ...	-	47	37	*	*	5.9
Eng. N.E. (Harrogate ...)	-	44	31	c.b.c.	b.c.c.	2.6	Folkestone ...	-	47	36	c	b.b.c.	6.5
(Scarborough ...)	-	44	39	or	o	0.0	Littlestone ...	-	47	36	*	*	6.9
Eng. N.W. (Morecambe ...)	-	46	27	b	b	6.1	Hastings ...	-	47	38	b.c.b.	b	7.4
(Blackpool ...)	0.01	46	29	of.c.	c.b.c.	4.9	Bexhill-on-Sea ...	-	49	36	b	b	7.7
(Southport ...)	-	45	27	of.b.c.	b.c.c.	2.8	Eastbourne ...	-	49	36	b	b.b.c.	7.1
Mid. land. (Buxton ...)	-	44	30	b.c.	b.c.	3.1	Seaford ...	-	51	38	b	b	7.9
(Leamington Spa ...)	-	48	31	c	c	4.6	Brighton ...	-	47	35	b.g.b.	b.b.c.	7.3
(Malvern ...)	0.01	48	37	m.b.c.b.	b.b.c.	8.4	Worthing ...	-	48	35	b	b	7.1
Wales. (Rhyl ...)	-	46	32	c.b.c.	b.c.c.	6.7	Littlehampton ...	-	47	36	b	b	6.8
(Colwyn Bay ...)	-	48	35	b.c.	b.c.	5.4	Southsea ...	-	47	36	b	b	7.9
(Llandudno ...)	-	48	38	b	b	3.6	Ryde ...	-	45	37	b	b	7.8
(Bettws y-Coed ...)	-	47	31	o.c.	c.b.c.	6.7	Ventnor ...	-	50	35	*	*	9.0
(Aberystwyth ...)	-	51	?	b	b	9.0	Bournemouth ...	-	50	34	b	b.c.m.	6.8
(Tenby ...)	-	45	?	eg	dp	0.0	Hythe ...	-	51	36	b	b	7.3
(Shoegness ...)	0.03	45	?	eg	dp	0.0	Weymouth ...	-	47	35	b.c.m.	b.m.	4.5
(Lowestoft ...)	-	44	35	c.b.c.	c.b.c.	1.1	Exmouth ...	-	51	37	b	b	8.3
(Felixstowe ...)	-	46	34	b.c.m.	b.c.f.	4.8	Teignmouth ...	0.08	52	35	b	b	8.3
(Walton-on-Naze ...)	-	45	35	b.c.m.	c.b.b.c.m.	5.9	Torquay ...	0.04	53	36	m.b.c.b.	b	7.6
(Southend-on-Sea ...)	-	50	33	b	b	7.8	Paignton ...	0.02	49	38	b.f.	b	9.3
							Falmouth ...	-	49	30	b.c.	b	8.5
							Bude ...	0.01	48	34	b	b	8.2
							Ilfracombe ...	-	47	33	f.b.c.b.	b	5.0
							Weston-super-Mare ...	-	47	33	f.b.c.b.	b	5.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.) ...	88	88	1.3	43	35	27	o.b.c.m.	b.c.m.	m.f.o.
City (Bunhill Row) ...	"	"	0.1	"	"	"	"	"	"
Westminster (St. James's Pk.) ...	92	93	0.2	43	34	31	om	b.c.	om
Camden Sq. (Brit. Rainfall) ...	86	90	0.5	44	34	30	o.b.c.	b.c.	*
Hampstead (Reservoir) ...	"	91	0.8	41	34	28	b.c.m.	b.c.c.	o
Richmond Park ...	"	"	0.4	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				393 Joules		10.3 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Min.			Fore-noon.	After-noon.	
Dublin to 4 p.m.	0.01	48	34	31	b.c.p.	o.c.	o.c.	*
Plymouth to 9 p.m.	-	50	35	31	b.w.	b.f.	b.c.	7.2
Darwen "	-	46	31	27	of.b.c.	b.c.	b.c.	5.0
Manchester "	-	46	34	25	f.c.	c	c	2.8
Birmingham "	-	47	30	23	b.m. of.e.	of.e.f.	b.f. of.e.	*
Oxford to 8 p.m.	-	47	30	23	b.m. of.e.	of.e.f.	b.f. of.e.	*
S. Kensington (Museum Grounds to 6 p.m.)	-	46	34	28	b.m.b.c.	og	cm.g.m.	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

26th & 27th Feb. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.49 6.47	G.M.T. 12.6 12.6	G.M.T. 5.23 5.25
Greenwich ...	6.54 6.53	12.13 12.13	5.32 5.33
Wick ...	7.18 7.16	12.25 12.25	5.32 5.34
Valencia ...	7.37 7.35	12.54 12.54	6.12 6.13

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50° or slightly above it on several parts of our south and south-west coasts, but at many places in the north and east it did not reach 45°. The amount of bright sunshine was as a rule very large, more than 9 hours at Pembroke and Falmouth. Wireless reports show that as far west as the 18th meridian ships experienced moderate to fresh winds from the Southward or South-Westward and cloudy weather.

NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

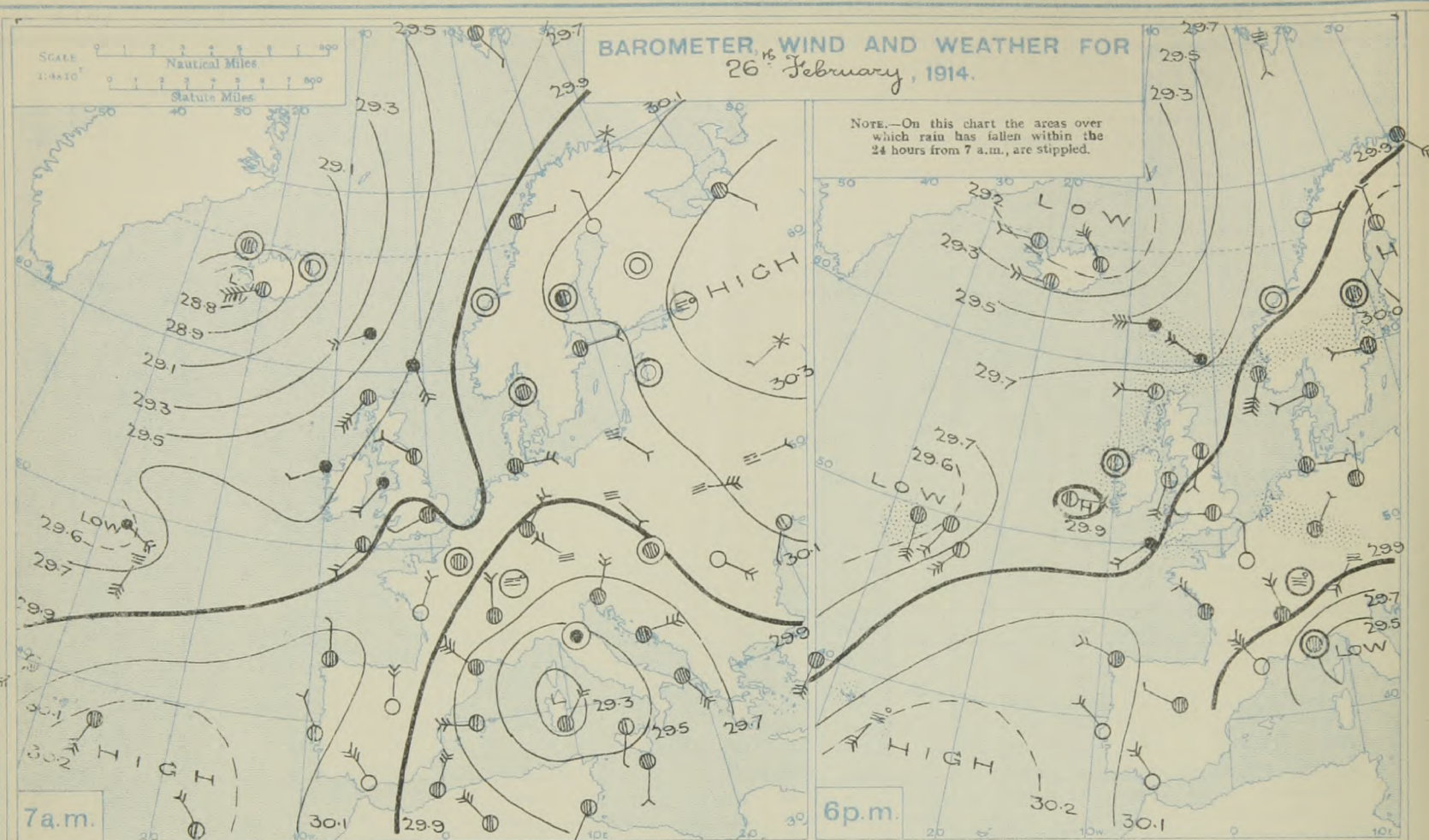
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
21st February, 1914.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										FAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather	Sea (0 to 9).	TEMP.		WEATHER.			
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).				At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.					Rain fall.	Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
BRITISH ISLANDS.	Lerwick ...	29.65	40	WNW	4	0.9	29.94	+0.6	39	-4	-	0	bc	1	0.16	44	37	0	atg	or.b	*
	Stornoway ...	29.79	41	W	3	bc	29.95	+0.1	40	-4	SW	3	0	3	0.07	45	34	0.0	bc.p	bc.o	0.5
	Castlebay (Barra Isd.)	29.83	45	W	3	0	29.95	+0.0	45	+1	SSE	4	0	4	0.05	47	40	0.0	bc.p	bc.o	0.5
	Glasgow ...	29.83	44	SW	2	od	30.05	+0.4	31	-5	EME	2	me	8	0.03	45	31	0.0	bc.p	bc.o	0.0
	Eskdalemuir ...	29.87	40	SSW	4	odm	30.09	+0.4	34	+5	-	0	0	8	0.04	42	29	0.0	odm	odm.of	0.0
	Malin Head ...	29.84	45	NNW	2	c	29.94	-0.2	38	-3	ESR	3	bc	2	0.01	46	37	0.0	c	bc	*
	Blacksod Point ...	29.87	47	-	0	bem	29.91	+0.1	46	-1	-	0	bc	1	0.01	50	39	0.0	bem	bem	*
	Valencia ...	29.84	51	EME	1	cu	29.96	+0.4	48	-1	S	2	0	3	0.05	54	44	0.0	c.b.p	c.b.p	1.8
	Roche's Point ...	29.85	49	NE	2	0	29.99	*	45	-2	NE	1	f	2	0.10	49	44	0.0	fd	fd	*
	Birr Castle ...	29.82	50	W	1	c	29.95	*	47	+3	SSE	1	0	*	-	52	43	0.0	c	c	0.0
	Donaghadee ...	29.86	46	SW	2	om	30.02	+0.3	45	+4	S	2	om	2	0.02	47	41	0.0	om	om	*
	Liverpool Obsy. ...	29.93	46	SW	1	bc	30.09	+0.3	38	-3	SE	2	b	1	-	49	38	0.0	bem	b	2.1
	Holyhead ...	29.89	46	SSW	4	bcz	30.05	+0.2	45	0	SSW	3	cu	2	0.05	47	43	0.0	odm	odm	0.0
	Pembroke (St. Ann's Hd.)	29.90	46	S	4	0	30.03	+0.2	45	+1	SE	4	fd	4	0.05	48	43	0.0	odm	odm	0.0
	Newquay ...	29.90	47	SE	2	odm	30.03	+0.4	49	+8	SE	3	om	2	0.04	52	41	0.0	odm	odm	1.1
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.85	50	SW	3	fr	30.00	+0.2	50	+3	WSW	1	fd	3	0.11	51	46	0.0	om	om	0.0
	Jersey (St. Aubin) ...	29.84	47	WSW	3	0	30.19	*	42	+5	SE	3	cm	3	0.03	49	35	0.0	om	om	0.1
	Portland Bill ...	30.01	46	SSW	1	c	30.12	+0.3	46	+4	ESE	2	b	2	0.01	47	41	0.0	bc.c	bc.c	*
	Dungeness ...	30.00	45	NW	2	cm	30.15	+0.4	31	-4	MW	2	bz	2	-	48	30	0.0	cm	cm	*
	Dover ...	30.01	43	NW	1	c	30.15	*	35	-3	WNW	1	bz	2	-	48	34	0.0	bc.c	bc.c	1.1
	Wick ...	29.73	41	WSW	3	0	29.99	+0.2	37	-5	SSW	2	bcz	2	0.10	44	33	0.0	om	om	*
	Nairn ...	29.79	41	-	0	cy	30.01	*	31	-9	-	0	bcz	1	0.03	48	29	0.0	c.dg	c.dg	0.0
	Aberdeen ...	29.79	44	SSW	2	c	30.05	+0.3	34	-5	WNW	1	bc	2	-	46	33	0.0	bc	bc	2.6
	Leith ...	29.80	47	SW	2	0	30.04	+0.6	33	-2	ESE	1	m	*	Trace	48	31	0.0	bc.c	bc.c	*
	North Shields ...	29.87	46	SSW	2	c	30.08	+0.2	45	+8	W	2	0	2	-	48	37	0.0	c.dg	c.dg	?
	Spurn Head ...	29.94	43	WSW	1	c	30.10	+0.5	40	0	W	1	cm	2	Trace	47	38	0.0	f	f	1.0
	Yarmouth ...	29.97	45	WNW	1	bem	30.15	+0.3	35	-4	W	2	bem	1	-	47	35	0.0	bc	bc	3.2
	Clacton-on-Sea ...	29.97	44	W	1	bem	30.15	+0.4	34	-4	WNW	1	bmx	0	-	48	34	0.0	om	om	1.4
	Nottingham ...	29.95	44	SW	2	b	30.15	*	31	-5	SW	1	fx	*	-	50	29	0.0	om.c	om.c	1.4
	Bath ...	29.98	48	W	1	0	30.15	*	38	+3	E	1	m	*	-	50	32	0.0	om	om	1.2
	London (Kew Obsy.) ...	30.01	46	W	1	cm	30.16	+0.5	30	-6	-	0	fx	*	-	48	28	0.0	om	om	0.9
SCANDINAVIA.	Spitzbergen ...	29.76	10	S	2	f	29.75	+0.0	-8	-30	SE	1	f	*	?	22	-11	0.0	*	*	*
	Isafjord ...	29.17	27	W	2	bc	29.42	+0.5	26	+3	-	0	c	*	*	*	*	0.0	*	*	*
	Reykjavik ...	29.28	30	-	0	c	29.44	+0.1	28	-2	-	0	bc	*	*	*	*	0.0	*	*	*
	Vestmanna ...	29.31	36	W	4	c	29.45	+0.1	34	0	-	0	b	3	*	*	*	0.0	*	*	*
	Seydisfjord ...	29.15	36	NW	5	c	29.50	+0.6	28	-1	-	0	bc	*	*	*	*	0.0	*	*	*
GERMANY, &c.	Thorshavn ...	29.53	38	W	7	f	29.45	+0.1	34	-4	-	0	b	*	*	*	*	0.0	*	*	*
	Haparanda ...	30.04	21	M	2	c	29.87	+0.3	17	+20	M	2	0	*	-	21	-4	0.0	*	*	*
	Hernösand ...	29.95	22	-	0	0	29.84	+0.0	19	+10	-	0	0	*	0.12	23	9	0.0	*	*	*
	Stockholm ...	29.94	34	W	2	0	29.97	+0.1	27	-3	W	2	0	*	0.04	34	23	0.0	*	*	*
	Wisby ...	30.01	31	WNW	2	0	30.04	+0.1	31	0	W	4	0	*	-	36	28	0.0	*	*	*
	Karlstad ...	30.00	26	-	0	c	29.92	+0.2	31	+8	WSW	4	0	*	Trace	32	16	0.0	*	*	*
	Vardö ...	29.89	35	SW	4	0	29.80	+0.3	32	+2	-	0	bc	2	-	35	19	0.0	*	*	*
	Bodö ...	29.81	33	E	2	b	29.80	+0.0	26	-6	E	3	b	2	-	34	23	0.0	*	*	*
	Christiansund ...	29.84	33	-	0	b	29.85	+0.2	35	+3	SE	1	0	3	-	37	32	0.0	*	*	*
	Skudesnaes ...	29.93	35	SSW	8	0	29.97	?	34	-	-	0	b	4	0.28	35	32	0.0	*	*	*
FRANCE.	Færder (X'lania Fjord) ...	29.99	29	SW	2	c	29.91	+0.1	31	+9	SW	2	s	2	?	31	21	0.0	*	*	*
	The Scaw (Skagen) ...	30.05	32	WSW	2	0	29.98	+0.3	33	+2	SW	4	s	1	-	34	30	0.0	*	*	*
	Blaavands Huk ...	30.08	35	ESE	1	0	30.07	+0.1	38	+6	SSW	3	0	2	Trace	39	30	0.0	*	*	*
	Cuxhaven ...	30.05	36	E	1	0	30.13	+0.3	33	+1	S	2	mz	0	-	36	30	0.0	*	*	*
	Berlin ...	30.00	34	M	1	0	30.11	+0.6	35	+3	M	2	0	*	-	35	30	0.0	*	*	*
	Frankfurt ...	29.97	39	NE	2	0	30.12	+0.6	35	-1	NE	3	0	*	0.04	41	35	0.0	*	*	*
	Munich ...	29.89	36	SW	4	f	30.04	+0.3	34	-1	MW	3	f	*	Trace	36	34	0.0	*	*	*
	The Helder ...	30.00	40	SSW	1	f	30.15	+0.5	36	-3	S	1	f	0	Trace	43	34	0.0	*	*	*
	Brussels ...	30.03	37	-	0	f	30.16	+0.7	35	+3	NE	1	f	*	Trace	41	32	0.0	*	*	*
	C. Gris Nez ...	30.00	45	W	1	0	30.15	+0.4	40	0	W	1	m	1	-	46	39	0.0	*	*	*
SPAIN, PORTUGAL, &c.	La Hève ...	30.01	44	W	2	m	30.17	?	38	+1	NE	1	m	1	-	48	36	0.0	*	*	*
	Ushant ...	30.00	50	SW	4	f	30.00	*	51	+1	S	2	m	3	0.04	52	46	0.0	*	*	*
	Brest (St. Matheo) ...	30.03	48	SW	3	f	30.08	+0.1	48	+4	S	2	m	3	-	52	46	0.0	*	*	*
	Lorient (Boc Melen) ...	30.05	47	SW	2	0	30.11	+0.1	44	+7	MMW	2	0	*	-	48	36	0.0	*	*	*
	Rochefort (Île d' Aix) ...	30.04	50	M	3	0	30.10	+0.1	46	+4	SE	1	0	2	-	52	43	0.0	*	*	*
	Biarritz ...	30.04	50	M	3	0	30.10	+0.1	46	+4	SE	1	0	2	-	52	43	0.0	*	*	*
	Paris ...	30.03	37	M	1	b	30.16	+0.7	36	0	NE	1	0	*	-	44	30	0.0	*	*	*
	Belfort ...	29.93	36	-	0	m	30.05	*	34	-2	EME	4	0	*	-	39	34	0.0	*	*	*
	Lyons ...	29.92	40	MMW	4	0	29.98	*	38	-1	MMW	6	0	*	-	42	37	0.0	*	*	*
	Nice ...	29.50	45	-	0	0	29.63	+0.6	46	-5	-	0	c	4	0.43	54	43	0.0	*	*	*
SPAIN, PORTUGAL, &c.	Perpignan ...	29.75	48	MMW	6	b	29.86	+0.3	45	+1	MMW	5	0	*	-	51	46	0.0	*	*	*
	Sanguinaire ...	29.56	53	M	2	0	29.62	*	49	-1	E	3	0	7	-	55	46	0.0	*	*	*
	Corunna (8 a.m.) ...	30.17	52	WNW	3	0	30.17	+0.0	50	+4	SSW	3	r	3	0.12	55	46	0.0	*	*	*
	Lisbon (8 a.m.) ...	30.14	51	NW	3	b	30.15	+0.2	51	+2	MMW	4	b	5	-	55	49	0.0	*	*	*

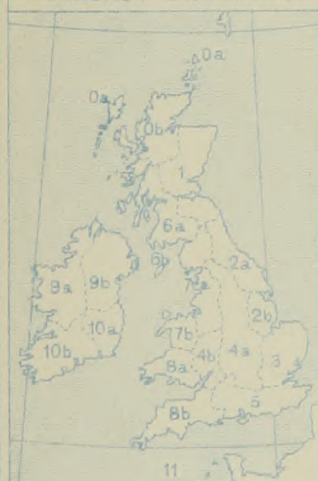
\* Information for these columns not usually received.

† Received too late for insertion in Charts.



**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

**No Warnings Issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 } Southerly breezes, freshening; fair to dull, passing showers; moderate temperature.

1 }  
2 } Calms and light variable breezes; fair to fine, some  
3 } mist or fog; rather cold, night frost.

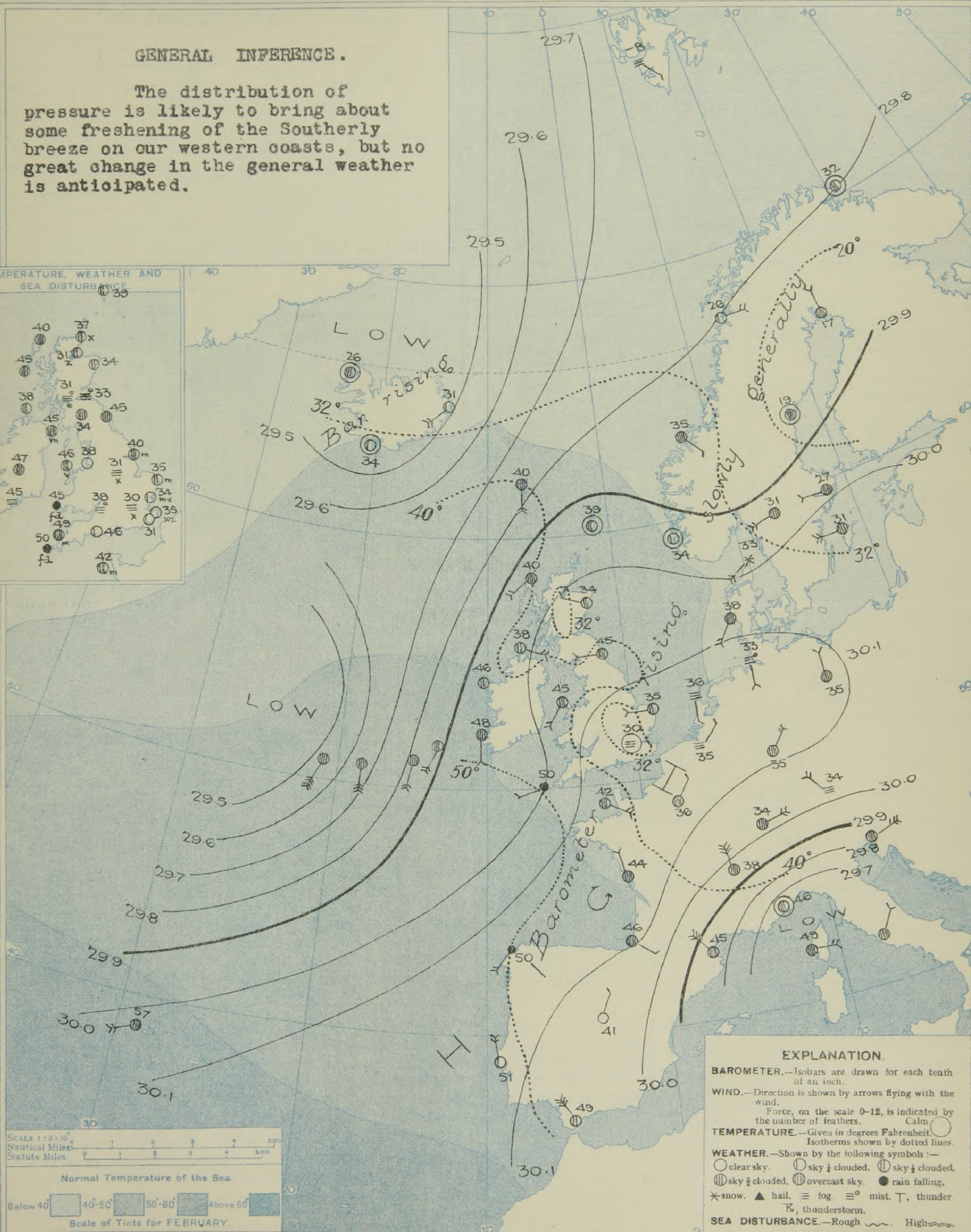
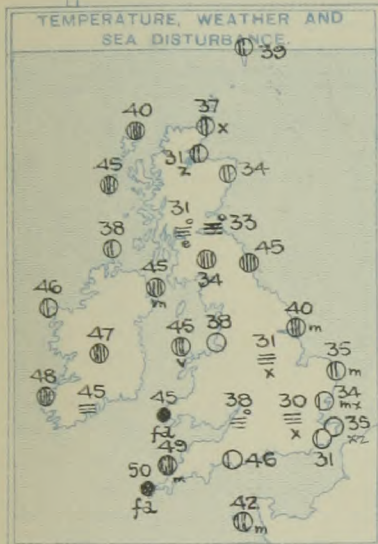
6 }  
7 } Southerly breezes, freshening; fair to dull, some  
8 } mist or fog, local showers; moderate temperature.

9 }  
10 }  
11 } Light variable breezes, mainly Southerly; sea slight or smooth; fair to fine, some mist or fog; moderate temperature.

# SYNOPTIC CHART FOR 7 a.m., Friday, 27<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The distribution of pressure is likely to bring about some freshening of the Southerly breeze on our western coasts, but no great change in the general weather is anticipated.



## DAILY WEATHER REPORT.

Friday, 27th February, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- omeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- omeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
27th 7 a.m.	50	20	Empress of Britain	H	29.54	-0.3	SSW	8-9	0	26th 6 p.m.	49	23	Mount Royal	H	29.62	+0.2	SW	4-5	c
" "	50	18	Royal George	O	29.69	-0.9	S	6-7	0	" "	48	22	Somland	H	?	-0.1	SW	6-7	bc
" "	50	15	Cymric	O	29.86	-0.3	SSW	4-5	0	" "	51	13	Royal George	O	29.92	+1.3	E	1-3	bc
" "	50	15	St Paul	O	29.73	-0.2	WSW	4-5	0	" 7 a.m.	48	27	Mount Royal	H	29.55	+0.1	ESE	4-5	r
" "	51	13	Merion	O	29.84	-0.0	SW	4-5	c	" "	47	25	Somland	H	?	0.0	SSW	6-7	m
26th 6 p.m.	49	25	Empress of Britain	H	29.54	+0.5	S	6-7	0										

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
{ Oban ...	0.10	45	38	dod	bc	0.0	{ Ramsgate ...	47	35	c.bc	b.bc	3.0	
{ St. Andrews ...				"	"		{ Folkestone ...	47	34	*	*	1.6	
Eng., N.E.							{ Littlestone ...	49	35	m.bc	bc.m	0.9	
{ Harrogate ...		47	35	c.bc	c.bc	1.6	{ Hastings ...			*	*	2.7	
{ Scarborough ...		50	38	c.c	c.c	2.8	{ Bexhill-on-Sea ...	48	37	c.c.o	o	1.1	
Eng., N.W.							{ Eastbourne ...	48	36	c	c.o	1.3	
{ Morecambe ...		48	36	o	o	0.0	{ Seaford ...	48	34	o	b.c	1.4	
{ Blackpool ...		48	36	m.c	o	0.4	{ Brighton ...	47	37	b	b	1.6	
{ Southport ...		49	38	c.c	c	0.6	{ Worthing ...	47	33	c.c	bc.c	0.5	
Mid- lands.							{ Littlehampton ...	48	32	bc	bc.c	1.1	
{ Buxton ...		45	30	bc.o	bc	1.6	{ Southsea ...			*	*	2.7	
{ Leamington Spa ...		50	34	c	c	2.0	{ Ryde ...	50	35	o.bc	bc.c	2.0	
{ Malvern ...		48	40	c.c	bc.b	1.9	{ Ventnor ...	49	30	f	bc	2.5	
Wales.							{ Bournemouth ...	51	37	*	*	2.5	
{ Rhyl ...		49	36	o.bc.c	c.bc	2.6	{ Bournemouth ...	50	32	c.c.o	bc	0.6	
{ Colwyn Bay ...		49	42	bep.bc	b.be	3.0	{ Hythe ...	49	31	f.o.bc	bc.m	1.6	
{ Llandudno ...		49	43	b	bc.c	2.5	{ Weymouth ...	49	33	f.bcm	bcz	0.1	
{ Bettws-y-Coed ...							{ Exmouth ...	50	33	c	c	1.5	
{ Aberystwyth ...		50	36	c.c.o	c.c	0.5	{ Teignmouth ...	50	34	opf	bef	1.3	
{ Tenby ...	0.01	48	46	o	o	0.2	{ Torquay ...	51	36	o	c.o	1.3	
England, E.							{ Paignton ...	0.01	51	36	o	c.o	1.3
{ Skegness ...		49	?	s	bc.b	2.0	{ Paignton ...	0.03	50	34	m.op	bc.c	1.2
{ Lowestoft ...		47	37	om.c.bc	bc.c	3.5	{ Falmouth ...	0.03	51	39	o	or	0.0
{ Felixstowe ...		48	37	f.o.bc	bc.m.o	2.6	{ Bude ...		51	35	o	oe	0.0
{ Walton-on-Naze ...		47	36	c.m.c	c.bc.cm	1.0	{ Ilfracombe ...		51	39	o	o	1.0
{ Southend-on-Sea ...		52	35	bc.c	c.o.bc	1.2	{ Weston-super-Mare ...	0.02	49	36	er.b	bc.c	1.1

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		Max.	Min.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	62	97	0.2	47	29	19	c	c	b.c.b
City (Banhill Row) ...			0.6						
Westminster (St. James's Pk.)	73	95	0.1	48	30	28	o.be	o	afx
Camden Sq. (Brit. Rainfall)	86	100	0.0	48	29	28	om.c	c	*
Hampstead (Reservoir) ...		88	0.2	46	35	16	bf	bcx	bm
Richmond Park ...			0.8						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.G.)				375 Joules		27.0 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		Max.	Min.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.02	53	40	38	b.or	o.p.c
Plymouth to 9 p.m.		56	33	29	o	af
Darwen "	0.01	44	32	28	bc.mr	bc.ou
Manchester "		47	35	*	af	f.cbc
Birmingham "		48	38	28	o.c	c.o
Oxford to 8 p.m.		49	34	25	bm.o	o.c.m
S. Kensington (Museum Grounds to 6 p.m.)		48	37	29	om	omg

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON  
AND SUNSET FOR STATIONS IN THE UNITED KINGDOM  
TO-DAY AND TO-MORROW.

27th & 28th Feb. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.47	12.6	5.25
	6.45	12.6	5.27
Greenwich ...	6.53	12.13	5.33
	6.51	12.11	5.35
Wick ...	7.16	12.25	5.34
	7.14	12.25	5.36
Valencia ...	7.35	12.34	6.13
	7.33	12.34	6.15

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° and upwards at a number of stations, to 54° at Valencia. Frost occurred in the night in various parts of Britain. Slight showers fell in many places. Lowestoft registered  $3\frac{1}{2}$  hours of bright sunshine, but the records generally were much smaller, none in places. As far west as the 30th meridian ships experienced light Easterly to South-Westerly winds, moderate to a gale in force, with dull weather, some mist and rain.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £ per annum, for postage and wrappers.

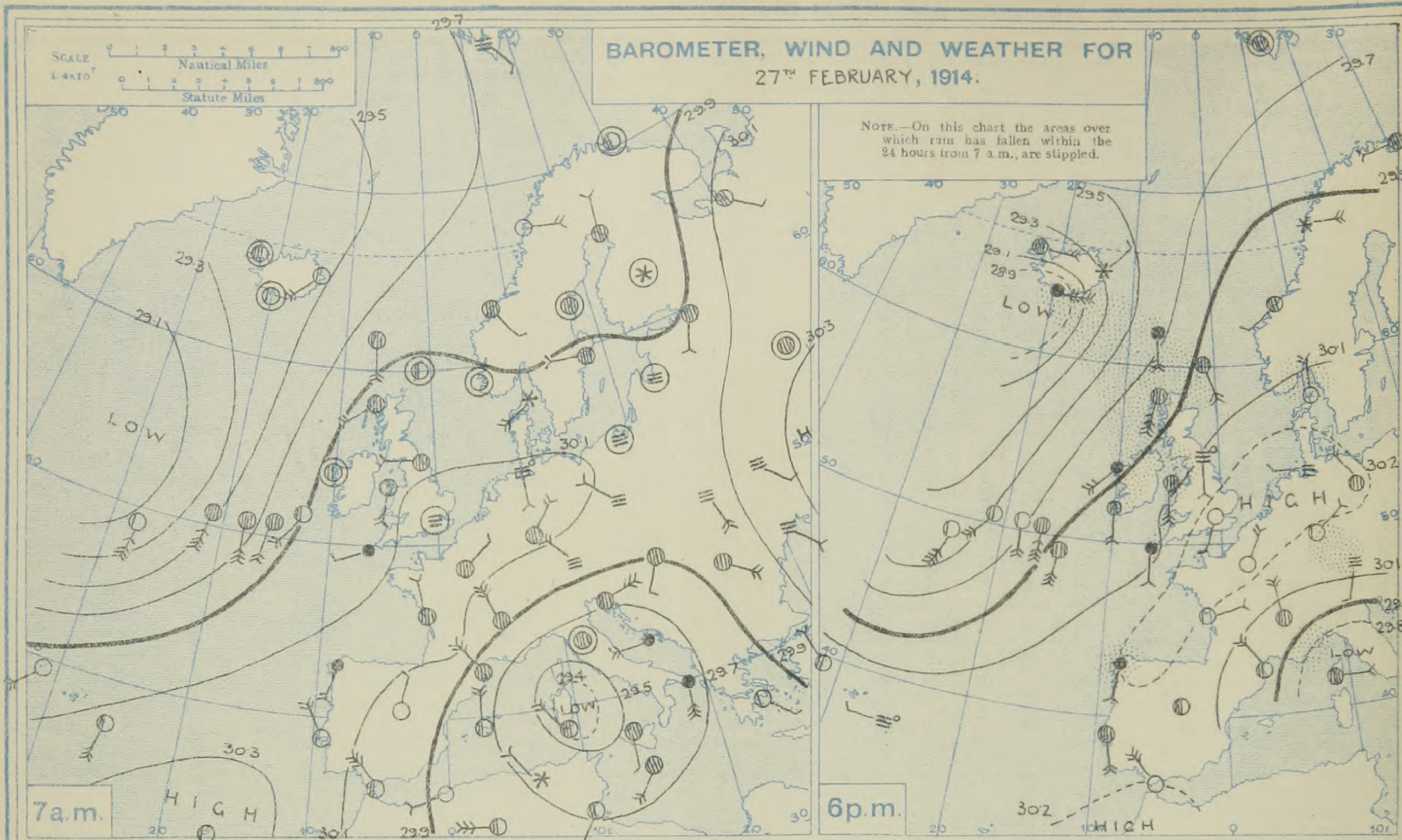
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
28th February, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			Hours.			
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	Weather	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather			Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick	29.95	44	SSE	4	oq	29.75	-0.4	46	+7	SSE	3	oq	3	Trace	46	39	bcp	bc oq	cq			
	Stornoway	29.86	47	SSW	7	oq	29.70	-0.5	48	+8	SSW	7	odgp	6	0.10	49	40	o.c oq	odpq	odpq	0.0		
	Castlebay (Barra Isd.)	29.87	47	SSE	5	r	29.73	-0.2	49	+4	S	6	op	6	0.08	49	46	o	or	op.r.op	0.2		
	Glasgow	30.04	46	SSW	2	odg	29.91	-0.3	47	+16	SW	4	o	*	0.02	47	30	m.od	odp	o	0.0		
	Eskdalemuir	30.07	44	SSW	4	odm	29.96	-0.3	44	+10	SSW	5	odm	*	0.15	46	35	o	odm	odm	0.0		
	Malin Head	29.89	48	SE	4	c	29.78	-0.5	48	+10	SSW	4	c	4	0.01	50	37	cm	cm	emp	*		
	Blacksod Point	29.88	49	SW	5	omd	29.79	0.0	50	+4	SW	6	cgmp	4	0.10	51	44	b.comd	omd	omd	*		
	Valencia	30.01	51	S	3	cv	29.92	+0.1	51	+3	S	3	omr	4	0.11	53	47	om.c	cv.o	omr	1.9		
	Roche's Point	30.06	48	S	2	f	30.00	*	50	+5	SSW	4	o	4	0.03	50	45	fe.c	fe	fd.om	*		
	Birr Castle	29.99	52	S	1	c	29.89	*	51	+4	S	4	c	*	-	56	41	c	c	c	2.0		
	Donaghadee	30.02	47	S	3	om	29.93	-0.2	48	+3	S	3	c	3	0.01	48	45	om.pd	om.pd	om.cm	*		
	Liverpool Obsy.	30.12	47	SE	2	o	30.07	-0.3	44	+6	SE	3	c	2	-	49	38	b	c.o	b.be	5.3		
	Holyhead	30.07	48	S	4	ofc	30.04	-0.2	47	+1	SSW	4	cem	3	0.01	49	44	c.om	om.fe	fe.om	0.0		
	Pembroke (St. Ann's Hd.)	30.11	47	SSE	2	o	30.09	-0.1	47	+2	SSW	4	cm	4	0.08	48	45	fd	c	adm	0.1		
	Newquay	30.12	50	SE	3	odm	30.13	0.0	49	0	S	1	ofc	3	0.05	51	48	bm	om.odm	odm	0.2		
	Scilly (St. Mary's)	30.09	50	S	2	fd	30.11	-0.1	48	+2	SSW	3	c	3	0.02	53	47	fd	fd	fe	0.0		
	Jersey (St. Aubin)	30.23	50	SE	2	bm	30.22	*	35	+7	SW	3	om	3	-	53	33	bm	bm	bm.w.c	9.7		
	Portland Bill	30.17	47	SE	2	b	30.18	-0.1	47	+1	SE	2	be	2	-	50	45	bc	bc	b.be	*		
	Dungeness	30.23	45	WNW	2	bc	30.24	-0.1	43	+12	SW	2	be	2	-	52	42	bm.b	bc	bm.bm.c	*		
	Dover	30.24	44	-	0	b	30.23	*	39	+4	-	0	m.c	2	-	51	35	g.b.c.b	b	bm.c	9.5		
	Wick	29.90	44	SSE	5	bc	29.74	-0.5	46	+9	SSE	5	cm	4	Trace	47	35	bc.c	cm	bm.cm	*		
	Nairn	29.93	45	-	0	cm	29.78	*	48	+17	SSW	1	bc	1	0.01	48	30	c.bz	bcz	bcp	2.1		
	Aberdeen	30.03	45	S	2	o	29.90	-0.4	46	+12	S	3	o	3	-	48	33	bc	bc.o	o	2.0		
	Leith	30.03	50	SW	2	o	29.91	-0.4	50	+17	SSW	3	o	*	-	51	31	ag	o	o	*		
	North Shields	30.10	47	S	2	z	30.01	-0.2	47	+2	SSW	3	cm	2	0.01	53	43	c	cz	bc.c	0.4		
	Spurn Head	30.17	45	S	2	bc	30.12	0.0	40	0	S	3	c	2	-	53	38	bcm	cz	b	9.0		
	Yarmouth	30.22	46	S	1	bcm	30.23	-0.1	36	+1	SW	2	bcm	1	-	54	34	bcm	bcm	bcm	9.0		
	Clacton-on-Sea	30.21	44	-	0	bcz	30.23	0.0	39	+5	SW	1	bcm.c	0	-	51	34	bcm	bcz	bc.bm.c	9.0		
	Nottingham	30.18	47	SW	2	om	30.15	*	40	+9	SW	1	cm	*	-	53	30	f.bm	bc.o	c.o	4.7		
	Bath	30.20	47	S	1	c	30.19	*	40	+2	NE	2	o	*	-	55	24	m.b.c.b	b.b.c.o	c.c	6.1		
	London (Kew Obsy.)	30.23	49	SSW	1	bm	30.23	0.0	29	-1	-	0	fx	*	-	51	28	f.bm	bm	bm.f.c	6.8		
ICELAND, FAEROE, &c.	Spitzbergen	29.62	11	-	0	o	29.46	-0.1	23	+31	SSE	2	c	*	-	23	-11						
	Isafjord	29.27	28	E	3	o	29.01	-0.2	32	+6	E	7	o	*	-	*	*						
	Reykjavik	28.93	34	E	8	r	28.76	-0.5	40	+12	S	3	o	*	-	*	*						
	Vestmanna	28.92	38	E	10	r	28.78	-0.6	42	+8	SE	2	o	3	*	*	*						
	Seydisfjord	29.34	31	NE	1	s	28.96	-0.4	40	+9	-	0	c	*	-	*	*						
SCANDINAVIA.	Thorshavn	29.66	43	S	5	r	29.42	-0.7	47	+13	SSW	5	o	*	-	*	*						
	Haparanda																						
	Hernösand																						
	Stockholm																						
	Wisby																						
GERMANY, &c.	Karlstad																						
	Vardö	29.75	21	SW	2	o	29.76	0.0	33	+1	W	2	c	3	-	34	19						
	Bodö	29.93	28	E	4	s	29.90	-0.4	32	+6	E	2	o	2	-	32	25						
	Christiansund	29.97	39	SW	1	c	29.89	+0.6	40	+5	-	0	o	4	-	41	34						
	Skudesnaes																						
FRANCE.	Færder (X'lania Fjord)	30.10	30	-	0	b	30.17	0.0	30	-1	-	0	c	1	0.04	31	27						
	The Scaw (Skagen)	30.12	37	N	3	b	30.19	+0.1	34	+1	WSW	1	b	0	0.08	39	30						
	Blaavands Huk	30.21	39	MW	2	b	30.25	+0.1	35	-3	SE	1	f	1	-	43	34						
	Cuxhaven	30.21	40	W	1	f	30.26	+0.1	35	+2	W	1	f	0	-	41	33						
	Berlin	30.22	34	MW	3	o	30.22	+0.1	37	+2	W	2	o	*	-	37	32						
SPAIN, PORTUGAL, &c.	Frankfurt	30.19	41	NE	2	b	30.27	+0.3	33	-2	NE	2	b	*	-	46	33						
	Munich	30.13	37	SSW	1	f	30.19	+0.1	35	+1	MW	2	f	*	Trace	36	34						
	The Helder	30.25	41	SSW	1	c	30.26	0.0	34	-2	S	1	f	0	Trace	45	30						
	Brussels	30.26	37	NE	1	f	30.28	+0.1	32	-3	-	0	f	*	-	46	32						
	C. Gris Nez	30.25	44	E	1	b	30.24	-0.1	40	0	S	2	m	0	-	50	39						
PORTUGAL, &c.	La Hève	30.22	45	E	1	m	30.24	*	39	+1	E	1	m	1	-	50	36						
	Ushant	30.15	50	S	3	m	30.15	*	50	-1	E	3	m	3	-	51	46						
	Brest (St. Mathieu)	30.19	48	SSE	3	o	30.22	0.0	48	0	S	3	m	3	-	52	48						
	Lorient (Bec Melen)	*	46	SSE	2	c	*	*	41	-5	S	2	bc	2	-	52	37						
	Rochefort (Ile d' Aix)	30.19	48	ENE	2	b	30.21	+0.1	40	+4	NE	2	b	*	-	55	39						
FRANCE.	Biarritz	30.13	50	MNE	3	bc	30.18	0.0	44	-2	SW	2	b	2	-	54	39						
	Paris	30.20	42	MNE	2	b	30.24	+0.2	32	-4	MNE	2	f	*	-	47	30						
	Belfort	30.12	37	EME	6	m	30.18	*	36	+2	EME	5	f	*	-	39	34						
	Lyons	30.08	40	MW	4	o	30.13	*	39	+1	M	2	o	*	-	40	38						
	Nice	29.78	51	-	0	o	29.91	+0.4	49	+3	-	0	c	3	0.08	59	46						
SPAIN, PORTUGAL, &c.	Perpignan	29.97	48	MW	4	bc	30.05	+0.5	45	0	NE	3	b	*	-	50	44						
	Sanguinaire	29.76	51	E	2	o	29.88	*	49	0	E	2	m	5	-	57	46						
	Corunna (8 a.m.)	30.21	54	SSW	2	r	30.24	0.0	52	+2	MW	3	f	5	0.12	55	48						
	Lisbon (9 a.m.)	30.11	56	SSE	4	o	30.13	+0.3	55	+4	MW	4	b	5	-	59	51						
	Gibraltar	30.20	60	NW	5	b	30.30	*	52	+3	NW	4	bw	1	-	61	49						
PORTUGAL, &c.	Azores (Horta, 8 a.m.)	30.16	*	W	4	bc	30.38	+0.3	50	-7	NW	3	b	2	-	63	50						
	Madeira (Funchal)																						

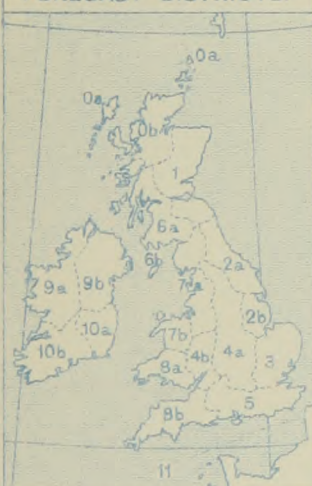
\* Information for these columns not usually received.

† Received too late for insertion in Charts.



**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday. Signals hoisted this morning.

South Cone. North Cone. South Cone. North Cone.

No

Warnings Issued.

Western Channel and Bay. 11

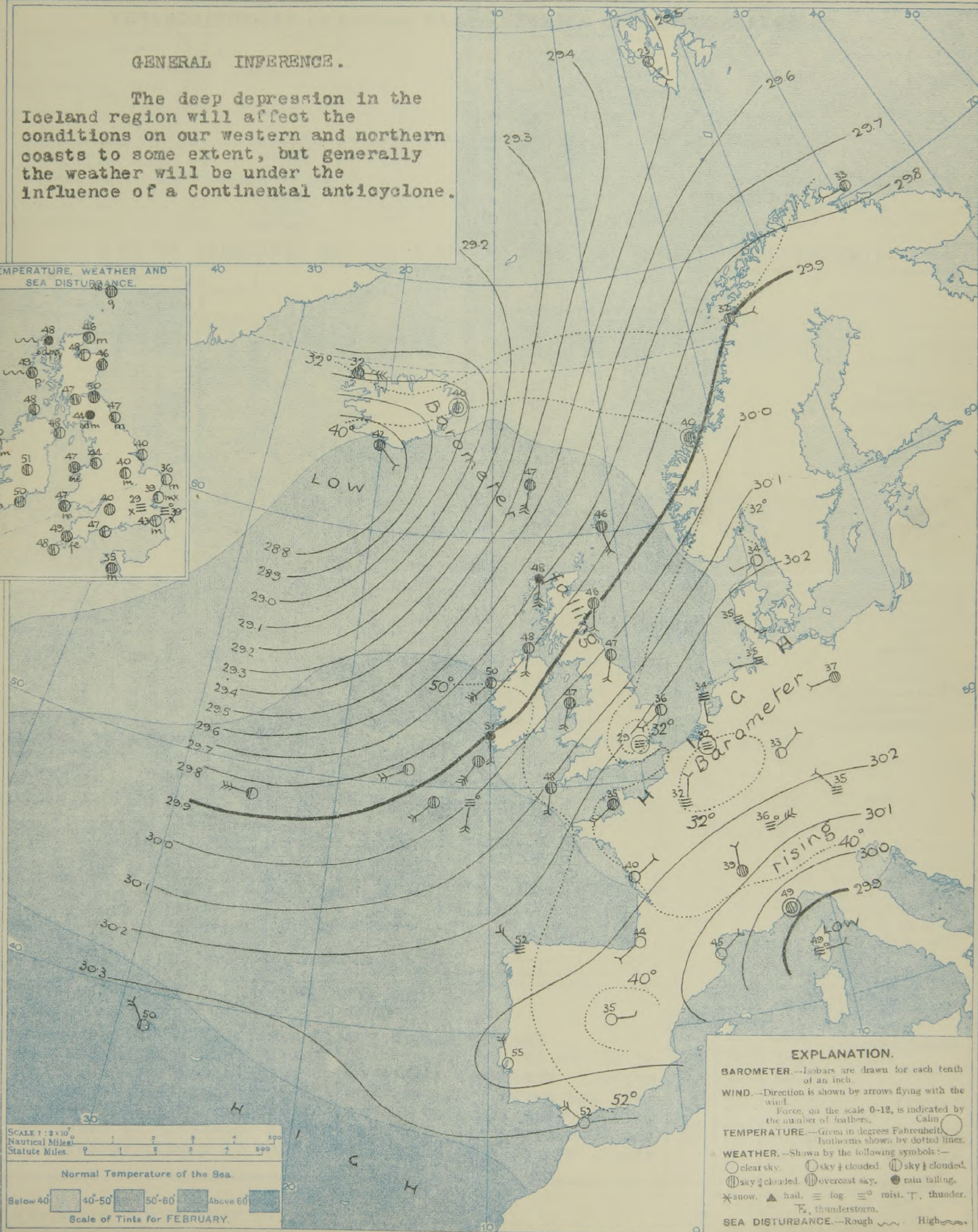
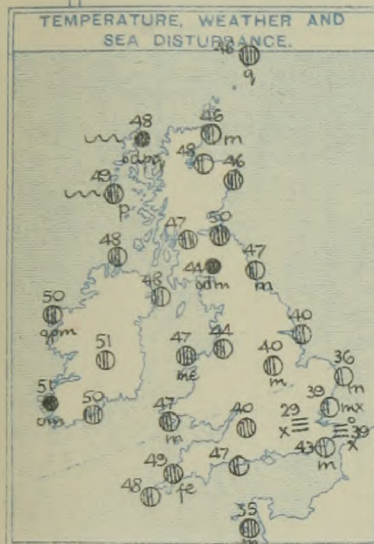
**FURTHER OUTLOOK.**

- 0 {<sup>a</sup>  
<sup>b</sup> } Southerly and South-Westerly winds, strong or high locally; squally, changeable, some rain; mild.
- 1 {<sup>a</sup>  
<sup>b</sup> } Southerly and South-Westerly winds, moderate or fresh at times locally; cloudy to fair, local mist; mild.
- 2 {<sup>a</sup>  
<sup>b</sup> }
- 3 {<sup>a</sup>  
<sup>b</sup> }
- 4 {<sup>a</sup>  
<sup>b</sup> } Calms and light variable Southerly and South-Westerly breezes; fine generally, morning mist or fog in places; moderate temperature.
- 5 {<sup>a</sup>  
<sup>b</sup> }
- 6 {<sup>a</sup>  
<sup>b</sup> } Same as No. 0.
- 7 {<sup>a</sup>  
<sup>b</sup> }
- 8 {<sup>a</sup>  
<sup>b</sup> } Southerly and South-Westerly breezes, moderate or fresh at times; cloudy to fine, local showers, mist or fog; mild.
- 9 {<sup>a</sup>  
<sup>b</sup> }
- 10 {<sup>a</sup>  
<sup>b</sup> } Southerly and South-Westerly winds, fresh or strong at times in places; cloudy, some showers and mist; mild.
- 11 {<sup>a</sup>  
<sup>b</sup> } Southerly and South-Westerly breezes, light to moderate; sea slight or smooth; fair or fine, some mist or fog.

# SYNOPTIC CHART FOR 7 a.m., Saturday, 28<sup>th</sup> FEBRUARY, 1914.

## GENERAL INFERENCE.

The deep depression in the Iceland region will affect the conditions on our western and northern coasts to some extent, but generally the weather will be under the influence of a Continental anticyclone.



## EXPLANATION.

- BAROMETER.**—Isobars are drawn for each tenth of an inch.
- WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm.
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
☁ sky 3/4 clouded. ☁ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog ≡ mist. T, thunder.  
⚡, thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~

## DAILY WEATHER REPORT.

Saturday, 28th February 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
28th 7 a.m.	48	25	Royal George	O	29.86	+13	W	6-7	bc	27th 6 p.m.	50	20	St Paul	O	29.50	-02	SW	6-7	bc
"	50	15	Baltic	O	29.81	-03	WSW	4-5	bc	"	50	18	Cymric	O	29.68	-04	SSW	4-5	bc
"	49	13	Ascania	O	29.95	+03	SW	4-5	c	"	50	17	Merion	O	29.66	-03	S	4-5	o
"	49	11	Samland	H	?	00	SSW	4-5	m	"	50	16	Empress of Britain	H	29.77	+05	SSW	8-9	o
"	51	10	Empress of Britain	H	29.94	+05	SW	6-7	o	"	49	14	Samland	H	?	00	SSW	6-7	o
27th 6 p.m.	49	23	Canada	H	29.40	+14	SSW	6-7	b	" 7 a.m.	49	27	Canada	H	29.44	+04	SSW	8-9	b
"	49	23	Royal George	O	29.51	+03	SSW	8-9	bc	"	48	18	Samland	H	?	00	SSW	6-7	o

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban	...	47	41	c.b.c	o	0.6	England, S.E.	Margate	...	50	32	b	b	8.0
	St. Andrews	...	46	31	*	*	0.0		Ramsgate	...	52	35	*	*	8.7
Eng. N.E.	Harrogate	...	52	40	b	bc	6.3		Folkestone	...	54	37	bc.b	b	8.8
	Scarborough	...	54	40	c.b	c.b	7.8		Littlestone	...	*	*	*	*	9.3
Eng. N.W.	Morecambe	0.01	49	43	bc	bc.c	6.3		Hastings	...	51	37	b	b	9.6
	Blackpool	...	48	40	m.c.b	c.o	4.1		Bexhill-on-Sea	...	52	36	b	b	9.4
Mid. lands.	Southport	...	49	39	b.b.c	bc.c.o	4.3		Eastbourne	...	51	30	b	b	9.0
	Buxton	...	44	30	bc	bc	2.5		Seaford	...	52	35	b	b	8.7
Wales.	Leamington Spa	...	52	28	bc	bc	7.2	England, S.W.	Brighton	...	50	32	f.b.c.b	b	8.4
	Malvern	...	51	37	m.b	b.b.c	3.2		Worthing	...	53	30	b	b	9.2
England, E.	Rhyl	...	57	36	bc	b	5.5		Littlehampton	...	*	*	*	*	9.4
	Colwyn Bay	...	57	43	b.b.c	bc	7.0		Southsea	...	52	33	b	b	9.5
England, W.	Llandudno	...	54	43	b	bc	6.6		Ryde	...	52	37	f.b.c.b	b	8.8
	Bettws-y-Coed	...	56	40	c.b.c	c	5.2		Ventnor	...	52	40	*	*	10.1
England, S.	Aberystwyth	...	48	46	c	o	0.0		Bournemouth	...	52	30	f.x.b	b	9.4
	Tenby	0.03	51	-	b	b	8.6		Hythe	...	54	28	b	b	8.5
England, S.E.	Shrewsbury	...	54	35	b.b.c.b	b.b.c	8.5		Weymouth	...	53	39	z.b	b	9.5
	Lowestoft	...	51	33	bf	bm	9.0		Exmouth	...	50	36	bc.b	bc	2.4
England, S.W.	Felixstowe	...	49	33	bm	bz.bcz	8.7		Teignmouth	...	53	46	c.b.c	b.b.c.o	2.5
	Walton-on-Naze	...	54	35	b	b	8.6		Torquay	...	52	46	o	e.o	0.3
England, S.E.	Southend-on-Sea	...	54	35	b	b	8.6		Paignton	...	53	46	o.c	bc.c	0.6
	Weston-super-Mare	...	54	39	c.b	b.b.c.b	5.0		Falmouth	...	50	46	od	ome	0.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	2 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.)	57	84	9.0	53	31	21	b	b	fx
City (Bunhill Row)	...	...	4.6	...	...	...	...	...	...
Westminster (St. James's Pk.)	62	88	5.6	55	30	28	f.b.c	bm	mb
Camden Sq. (Brit. Rainfall)	60	92	4.0	52	30	28	f.b.c	b	*
Hampstead (Reservoir)	...	53	8.0	51	37	?	bc	bz	bm
Richmond Park	...	...	7.0	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
698 Joules				18.2 Milliwatts.		42.5 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		Night.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	
Dublin to 4 p.m.	Trace	57	46	44	c.b	b	bc
Plymouth to 9 p.m.	0.16	49	46	46	od	od	od
Darwen	...	45	38	34	bm	cm.b	c.o
Manchester	...	49	38	...	bcz.bz	bcz.co	c.o
Birmingham	...	51	36	29	o	b	3.1
Oxford to 8 p.m.	...	54	27	21	bm.bf	bf.bm	bm
S. Kensington (Museum Grounds to 6 p.m.)	...	53	33	22	om.bf	bf.b	b.bz

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.

28th Feb., 29th Mar. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.45 6.43	G.M.T. 12.6 12.6	G.M.T. 5.27 5.27
Greenwich	6.51 6.49	12.13 12.13	5.35 5.37
Wick	7.14 7.11	12.25 12.25	5.36 5.39
Valencia	7.33 7.31	12.54 12.54	6.15 6.17

## NOTES ON YESTERDAY'S WEATHER.

The day was very mild generally, with temperatures of 55° to 57° in places. Slight showers fell in the west and north. There was little or no bright sunshine in the far west and north, but over England generally the records were very large, exceeding 10 hrs. at Ventnor. As far west as the 30th meridian ships experienced Southerly to Westerly winds, moderate to a gale, with fine to cloudy weather.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

914.

ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

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FEBRUARY, 1914.

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# ADDITIONS AND CORRECTIONS TO THE

## 1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.  Hours.
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
2nd	Saiford	In.	.	.	.	.	In.	In.	.	.	.	.	.	.	In.	.	.	.	.	.	.	.		
3rd	Westmanna	28.37	31	E	10	S	28.04	+0.2	22	0	N	10	o	5	.	.	.	.	.	.	.			
	Blackod Pt.	28.60	44	W	1	OT	28.75	+0.7	36	+8	W	9	bc	3	0.93	52	39	sqm	OT	OT cp	.			
	Saiford	28.01	24	NE	9	S	28.59	-0.3	44	-8	S	1	c mp	.	.	.	.	.	.	.	.			
	Lyon	28.38	44	S	2	C	28.12	+0.2	30	+8	SE	7	c m	.	.	.	.	.	.	.	.			
	Madeira (Funchal)	28.97	53	NW	4	r	28.39	.	35	0	N	1	bc	4	0.08	66	50	.	.	.	.			
4th	Saiford	28.09	33	E	6	o	28.99	+0.2	54	-11	NW	4	o	.	.	.	.	.	.	.	.			
	Lisbon	28.07	53	E	2	o	28.68	+0.2	32	+2	.	0	o	6	.	.	.	.	.	.	.			
	Madeira (Funchal)	28.06	56	W	1	bc	30.10	+0.3	47	-4	NNE	4	c	3	.	.	.	.	.	.	.			
5th	Madeira (Funchal)	28.02	60	NW	6	r	28.07	+0.1	59	+5	W	1	o	4	.	.	.	.	.	.	.			
6th	Denlin	28.30	37	S	1	o	28.06	+0.2	53	-6	NW	6	bc	4	0.12	64	53	.	.	.	.			
7th	Belfort	28.20	43	WSW	2	m	28.23	-0.1	27	-2	S	1	bc	.	.	.	.	.	.	.	.			
8th	Spitzbergen	28.65	-7	.	0	o	28.22	.	33	+7	E	2	c	.	.	.	.	.	.	.	.			
9th	Sanguinaria	28.28	51	W	2	m	28.46	-0.2	-17	+2	N	3	o	.	.	.	.	.	.	.	.			
10th	Madeira (Funchal)	28.25	52	NNW	2	b	28.25	.	49	.	E	1	m	.	.	.	.	.	.	.	.			
11th	Nice	28.26	47	.	0	bc	28.30	+0.3	53	0	NNW	2	b	2	.	.	.	.	.	.	.			
	Madeira (Funchal)	28.35	55	W	1	b	28.27	+0.1	46	-2	.	0	b	2	.	.	.	.	.	.	.			
12th	Castellay	.	.	.	.	.	28.34	+0.2	57	+4	W	1	o	2	.	.	.	.	.	.	.			
	Lisbon	28.22	57	SSW	4	o	28.03	+0.1	36	-8	S	3	rs	5	0.25	46	35	.	.	llhrs	4.0			
	Madeira (Funchal)	28.39	58	W	1	bc	28.26	+0.2	52	-2	ENE	2	b	6	0.55	57	52	.	.	.	.			
13th	Castellay	28.10	42	SSW	3	cp	28.42	+0.2	58	+1	W	1	bc	1	.	.	.	.	.	.	.			
	Blackod Point	28.97	55	SSW	8	o	28.23	+0.1	44	+8	SSW	4	c	5	0.25	44	36	rs. o. cp	c. cp	cp. cp	0.5			
	Cortuna	28.47	55	SSW	8	o	28.30	-0.6	45	+3	W	6	cqf	5	0.10	47	37	cy omp	omg	bcqf	.			
	Madeira (Funchal)	28.45	61	N	2	b	28.35	0.0	47	-6	SSE	5	o	7	0.16	59	43	.	.	.	.			
14th	Stornoway	28.37	52	ESE	2	c	28.49	+0.1	61	+3	N	2	bc	2	.	.	.	.	.	.	.			
	Guernsey	28.37	52	ESE	2	c	28.90	+0.6	39	-5	SW	7	cqf	6	0.99	50	38	c. sq	ot. cfp	cqf	0.4			
	Madeira (Funchal)	28.47	58	SE	2	r	28.37	+0.1	54	+4	SSW	3	bc	8	.	.	.	.	.	.	.			
17th	Lisbon	28.85	48	SE	6	r	28.45	-0.1	54	-7	SE	2	bc	2	.	.	.	.	.	.	.			
	Madeira (Funchal)	28.39	58	N	4	b	28.89	+0.6	50	-3	N	6	c	4	1.10	53	46	.	.	.	.			
18th	Madeira (Funchal)	28.25	58	N	4	r	28.36	0.0	57	-1	N	4	o	4	.	.	.	.	.	.	.			
20th	Sanguinaria	28.10	56	W	3	m	28.21	+0.1	57	0	N	4	r	4	.	.	.	.	.	.	.			
21st	Madeira (Funchal)	28.25	58	W	3	b	28.06	.	53	0	W	2	m	4	.	.	.	.	.	.	.			
23rd	Saiford	.	.	.	.	.	28.22	+0.1	60	+6	W	3	r	3	0.12	66	54	.	.	.	.			
	Kyfljark	.	.	.	.	.	28.62	+0.4	19	+4	N	8	o	.	.	.	.	.	.	.	.			
	Westmanna	.	.	.	.	.	28.34	.	26	-2	.	0	b	.	.	.	.	.	.	.	.			
	Lyon	28.21	40	.	0	r	28.23	+0.1	31	-4	N	1	b	2	.	.	.	.	.	.	.			
	Nice	28.25	50	SW	7	r	28.35	.	35	-20	.	0	o	.	.	.	.	.	.	.	.			
	Sanguinaria	28.80	55	SSE	6	m	28.21	+0.2	44	-6	.	0	o	.	.	.	.	.	.	.	.			
	Cortuna	28.31	50	SSW	6	r	28.60	.	51	.	W	6	m	5	.	.	.	.	.	.	.			
	Madeira (Funchal)	28.15	61	NW	3	b	28.31	0.0	49	+1	NW	7	o	4	0.04	52	45	.	.	.	.			
24th	Cortuna	28.30	50	SSW	6	r	28.17	+0.1	58	-4	NW	3	bc	3	.	.	.	.	.	.	.			
	Lisbon	28.52	57	SW	6	r	28.30	0.0	49	0	NW	7	o	4	0.04	52	45	.	.	.	.			
	Madeira (Funchal)	28.12	60	N	5	b	28.69	+0.6	51	-1	ENE	5	c	8	0.20	57	46	.	.	.	.			
25th	Skudesnaes	28.75	39	E	4	o	28.11	+0.2	60	+2	N	5	bc	4	.	.	.	.	.	.	.			
26th	Guernsey	28.82	50	N	4	bc	28.97	+0.3	42	-6	ESE	2	b	6	.	.	.	.	.	.	.			
	Sanguinaria	.	52	S	4	o	28.26	+0.1	55	-3	E	2	o	5	0.24	55	46	.	.	.	.			
	Madeira (Funchal)	28.30	58	NW	3	b	28.24	+0.2	56	+1	NNW	.	b	.	.	.	.	.	.	.	.			
27th	Madeira (Funchal)	28.25	61	.	.	bc	28.04	+0.4	0	-17	NNW	2	b	.	.	.	.	.	.	.	.			
28th	Kaporsanda	28.88	18	NNE	2	o	28.09	+0.2	19	0	N	2	b	.	.	.	.	.	.	.	.			
	Hernissand	28.44	27	.	0	o	28.11	+0.3	30	-1	N	4	b	.	.	.	.	.	.	.	.			
	Stockholm	28.42	30	WNW	2	o	28.19	+0.4	20	-7	WSW	2	b	.	.	.	.	.	.	.	.			
	Wistby	28.93	32	W	4	S	28.11	.	30	.	N	.	b	.	.	.	.	.	.	.	.			
	Karlstad	28.03	22	W	2	b	28.19	+0.4	19	-12	N	2	b	.	.	.	.	.	.	.	.			
	Skudesnaes	28.14	39	.	0	o	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
	Madeira (Funchal)	28.28	60	NNE	3	bc	28.20	0.0	59	+3	NNE	3	bc	3	.	.	.	.	.	.	.			

GALES.

Duration and Extreme Force in British Islands.

Additions

8th, Bath 2 a.m. Squall 48 m.p.h.

11th, Castellay 8 p.m.-2 a.m. S. 9

14th, Eskdalemuir 5 a.m. SW. 8. Just 72 m.p.h.

" Blackod Pt. 5 a.m.-7 a.m. W. 8.

" Holyhead 4 a.m. W. 9. Six 58 m.p.h.

" Stornoway 5 p.m.-early morning SW 9

15th, Stornoway Between 7 a.m. and 10 a.m. Squall 8

16th, Portlana Hill 7 a.m.-8 a.m. SW 8.

Corrections

2nd, Eskdalemuir 4 a.m. Squall SW 8.

4th, Aberdeen 10 p.m. Squall 40 m.p.h. SW

11th, Rosholm Pt. 8 p.m.-early morning S. 9 at 11 p.m.

14th, Aberdeen 6 a.m. WSW 8 Squall 67 m.p.h.

### GALES.

Duration and Extreme Force  
in British Islands.

### Additions

8th, Bath. 2 a.m.  
Squall 43 m.p.h.  
11th, Castellay. 8 p.m.-2 a.m.  
S. 9.  
14th, Eskdalemuir. 5 a.m.  
SW 8. Just 72 m.p.h.  
" Blackod Pt. 5 a.m.-7 a.m.  
W 8.  
" Holyhead. 4 a.m.  
W 9. Just 58 m.p.h.  
" Stornoway. 6 p.m.-early morning  
SW 9.  
15th, Stornoway. Between 7 a.m. and 7 p.m.  
Squall 8.  
16th, Portlouis. 7 a.m.-5 a.m.  
SW 8.

### Corrections

2nd, Eskdalemuir. 4 a.m.  
Squall SW 8.  
9th, Aberdeen. 10 p.m.  
Squall 40 m.p.h. SW  
11th, Blackod Pt. 8 p.m.-early morning  
SQ at 11 p.m.  
14th, Aberdeen. 6 a.m.  
WSW 8. Squall 67 m.p.h.

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# WIRELESS TELEGRAMS.

## ADDITIONS AND CORRECTIONS — FEBRUARY, 1914.

DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
		Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
		°	°			In.	In.		(0-12).								In.	In.		(0-12).	
ADDITIONS.											CORRECTIONS.										
											1st	31st, 7 a.m.	16		Numidian						
											"	"	"	"	boriscan			+17			
											"	"	"	"	"			+10			
											"	"	12		Numidian						
											3rd	2nd, 7 a.m.	"		Dominion					7	
											"	"	"		Lusitania	2945	+10				
											"	"	29		"						
											"	"	"		bampania	2969				5	
											"	"	"		"	2962					
											4th	3rd, 7 a.m.	18		"	2956				7	
											"	"	"		"	2962	+02				
											"	"	"		"						
											5th	4th, 7 a.m.	"		"					7	
											"	"	22		Andania						
											"	"	"		"						
											"	5th, 7 a.m.	51		"						
											6th	"	"		bedric		-02				
											8th	7th, 7 a.m.	21		Munetonka						
											"	"	"		"		-22				
											10th	9th, 6 p.m.	19		Olympic						
											12th	11th, 7 a.m.	"		Philadelphia						cgh
											13th	13th "	"		"	2968					adm
											19th	19th "	"		Andania				6-7		
											24th	23rd, 7 a.m.	48		"				5		bcg
											25th	24th "	"		Alauvia					7	
											27th	26th, 6 p.m.	"		"	2973			5		
											"	"	"		Samland	2964					r
											28th	27th "	28		"						bg
											"	"	24		Canada						bg
											"	28th, 7 a.m.	10		Samland						oh