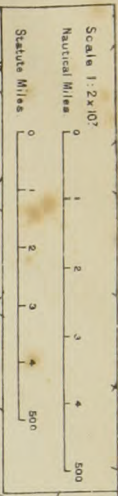


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE 1914.

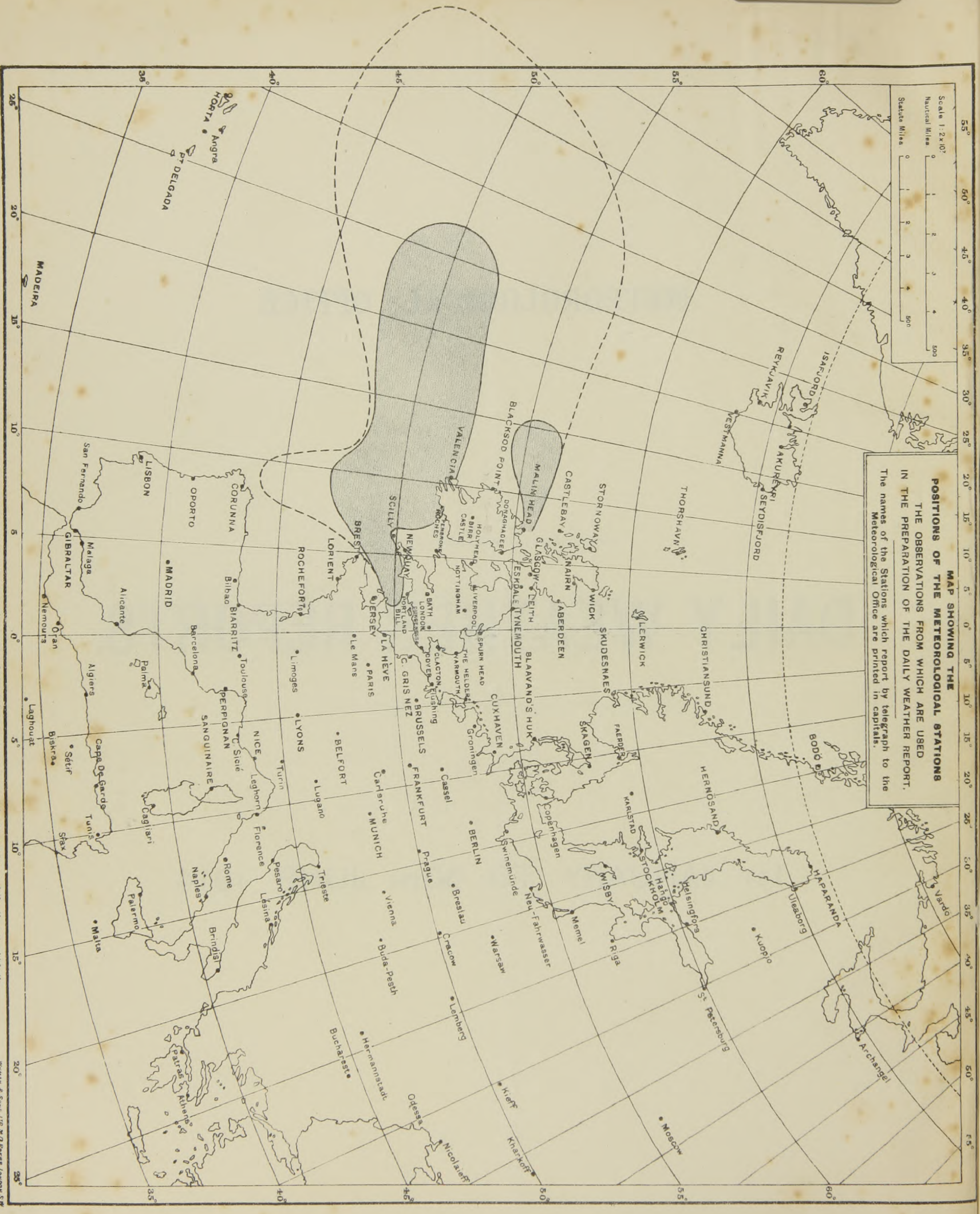


20 10 5 0 5 10 15 20

**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 $\cdot003$ 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 $\cdot001$ 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 Ochtertyre 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.

[†] For converting estimates on the Beaufort scale into miles per hour (anemometer factor, 2.2).

[§] 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.

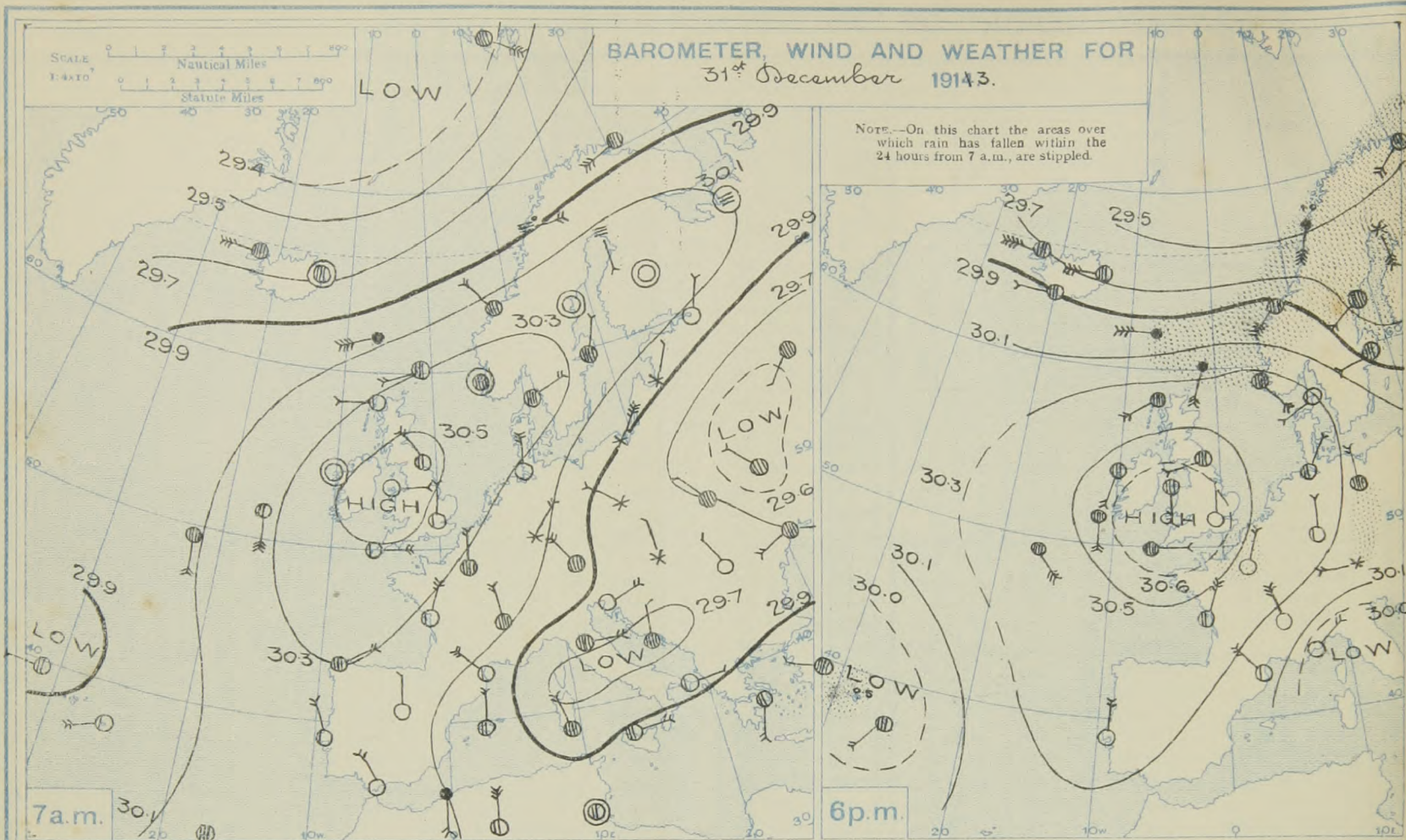
MARCH.

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.....	29.686	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
Castlebay (Barra Isd.)..	[29.812]++	[43.2]++	[41.4]++	[46.0]++	[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.....	30.038	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	1898	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
{ Kew.....	30.110	38.0	36.3	42.8	34.2	56	1877, 1910	9	1881	15	1.70	44	17
Sumburgh Head.....	29.693	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
Castlebay (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]†	[36.3]†	[56]†	[1909, 10]†	[23]†	[1909]†	[15]†	[1.28]†	37	13
{ 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
Castlebay (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]†	[2.85]†	—	—
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	1883, 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]++	[45.3]++	[34.7]++	[57]++	[1910]++	[17]++	[1909]++				

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

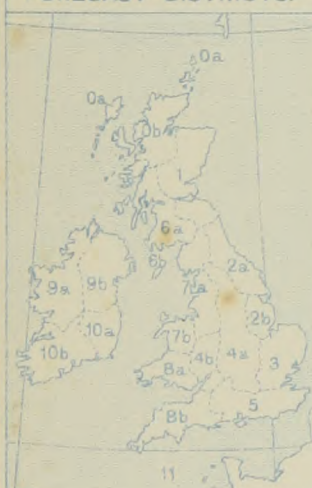
Thursday,
1st January, 1914.

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).	Dir.		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.	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 ...	30.21	44	SSW	5	r	30.17	+0.1	48	+8	SSW	7	rq	5	0.32	48	39	cp	or	ormg	*		
	Stornoway ...	30.37	42	SW	4	o	30.35	0.0	45	+9	WSW	5	o	5	-	45	36	bc.c	c.og	og	0.6		
	Castlebay (Barra Isd.)	30.44	45	SW	4	o	30.44	0.0	48	+5	WSW	4	o	4	-	48	42	c.op	p.c	c	0.0		
	Glasgow ...	30.55	32	W	2	bg	30.50	-0.1	39	+16	SW	3	o	*	0.01	39	21	b.bcf	bc.bf	bg.op	0.0		
	Eskdalemuir Obsy.	?	19	SSW	1	bg	?	-0.1	30		SSE	3	o	*	-	?	?	b	b	c	?		
	Malin Head...	30.53	39	SW	4	b	30.52	-0.2	43	+11	SW	5	o	3	-	43	32	bm	bm	om	*		
	Blacksod Point ...	30.54	43	SSW	3	cg	30.56	0.0	48	+11	SSW	3	cg	3	Trace	48	35	bu	bc	cg	*		
	Valencia ...	30.60	42	SE	2	c	30.68	+0.2	39	+12	ESE	2	c	3	-	43	26	bc	bcv	bc	2.6		
	Roche's Point ...	30.64	41	SSE	2	b	30.72	*	33	+3	NNW	1	b	1	0.01	43	29	b.b.c	bc.b	b.x	*		
	Birr Castle ...	30.62	29	S	1	b	30.65	*	31	+13	-	0	c	*	-	31	17	f.b	ox	bcx	3.2		
	Donaghadee ...	30.59	32	S	2	b	30.58	-0.2	32	-1	W	3	bcx	3	-	40	28	bc.m	b	b.b.c	*		
	Liverpool Obsy....	30.66	30	WSW	2	b	30.59	-0.2	37	+6	W	4	b	3	-	38	30	bm	bm	bc.m	3.8		
	Holyhead ...	30.62	36	S	1	cg	30.60	-0.1	43	+12	W	4	c	4	-	43	30	x.b.beg	bc.o.c	b.b.c	5.2		
	Pembroke (St. Ann's Hd.)	30.67	34	ENE	2	b	30.65	-0.2	43	+12	NW	3	c	3	-	43	30	bx	bx	bm	4.9		
	Newquay ...	30.62	31	SE	2	b	30.66	0.0	41	+10	NNW	3	c	2	-	41	25	bcg.bz	bz	b.x.b.v	6.4		
	Scilly (St. Mary's) ...	30.61	37	E	2	bc	30.68	0.0	39	+2	N	2	bc	3	-	42	35	bc	bc	b.b.c	6.7		
	Jersey (St. Aubin) ...	30.57	37	NE	3	bm	30.63	*	39	+1	NW	3	cm	3	0.02	40	32	oms	b.bm	bm.cm	5.8		
	Portland Bill ...	30.61	33	N	3	b	30.63	0.0	33	+1	NNW	2	b	3	-	39	32	b	b	c.b.c	*		
	Dungeness ...	30.57	30	NNE	2	b	30.56	-0.2	28	-5	N	2	bx	2	Trace	39	26	csq	bcg	bcx	*		
	Dover ...	30.57	35	NE	4	bc	30.52	*	30	-6	NE	5	o	4	0.02	39	27	b.c.s	cs.be	b.b.c.c	4.1		
Wick ...	30.36	32	SW	3	c	30.29	-0.1	42	+12	WSW	3	cg	4	Trace	42	28	bc.c	bc.c	cm.cq	*			
Nairn ...	30.42	36	WSW	2	bc	30.39	*	42	+14	W	1	cg	1	0.01	42	26	b.b.c	bc	l.q.c	4.3			
Aberdeen ...	30.47	39	NW	1	b	30.38	-0.1	39	+18	WSW	1	o	2	-	39	20	b	b	b.o	4.7			
Leith ...	30.51	34	SW	2	b	30.44	-0.2	39	+15	WSW	3	o	*	-	40	22	bcg	bz	bcg	*			
North Shields ...	30.59	28	WSW	2	c	30.49	-0.2	36	+11	W	3	c	2	-	36	24	bc	bc	c	*			
Spurn Head ...	30.56	35	NW	4	c	30.49	-0.2	33	-2	W	4	f	5	-	36	30	bc	b	bm	5.7			
Yarmouth ...	30.57	34	N	3	cm	30.53	-0.1	30	-8	WNW	3	bc	3	-	38	29	bc	bc.m	bc.m	2.3			
Clacton-on-Sea ...	30.57	30	NW	1	bc.m	30.54	-0.3	30	-1	NW	2	ogm	1	-	37	27	bc	bc.m	bc.ogm	5.5			
Nottingham...	30.64	26	NNW	1	o	30.57	*	22	-8	SW	1	b	*	-	33	20	bm.f	bf.m.o	o.c.bm	1.2			
Bath ...	30.65	28	NE	1	m	30.64	*	25	0	NW	1	e	*	-	38	24	bm	bm	b.b.c.m	6.0			
London (Kew Obsy.)...	30.63	32	N	1	bc	30.60	-0.2	28	-3	N	1	bc.m	*	-	37	27	b.x.b.m	bm.b.c	b.x.o.m	5.6			
ICELAND, FAEROE, &c.	Spitzbergen ...																	GALES					
	Isafjord...	29.71	30	W	9	c	29.73	+0.2	33	+2	W	10	c	*	*	*	*	Duration and Estimate Force in British Islands					
	Reykjavik...	29.94	32	WNW	2	o	29.92	-0.3	35	+1	SW	2	b	*	*	*	*						
	Vestmanna ...	29.92	33	W	2	c	30.00	0.0	36	0	W	6	b	1	*	*	*	*					
	Seydisfjord ...	29.66	35	W	7	c	29.78	-0.3	34	-5	W	7	b	*	*	*	*						
Thorshavn ...	29.93	46	W	7	r	29.95	+0.4	40	-4	WNW	4	r	*	*	*	*							
SCANDINAVIA.	Haparanda ...	29.63	27	S	6	s	29.26	-0.4	28	+14	SW	2	b	*	0.43	30	14						
	Hernösand ...	29.62	35	SW	2	o	29.58	-0.4	28	-7	-	0	bc	*	?	?	?						
	Stockholm ...	29.89	20	WSW	2	c	30.00	-0.9	25	+3	SSW	2	s	*	0.04	25	19						
	Wisby ...													*	*	*	*						
	Karlstad ...													*	*	*	*						
	Vardö ...	29.46	17	SW	4	o	29.10	-0.6	24	+7	-	0	o	2	?	24	14						
	Bodö ...	29.42	40	SSW	8	r	29.36	-0.2	37	+4	SW	2	o	2	0.95	39	32						
	Christiansund ...	29.93	42	SW	8	o	29.73	-0.4	45	+9	SSW	8	r	5	0.35	43	34						
Skudesnaes ..	30.38	32	SE	4	o	30.18	-0.4	42	+17	WSW	4	r	3	0.39	32	25							
Færder (X'ania Fjord)	30.30	32	SW	4	b	30.03	-0.6	40	+18	WSW	6	o	3	-	32	19							
The Scaw (Skagen)...	30.38	28	WSW	2	b	30.19	-0.7	34	+10	WSW	5	o	2	-	34	23							
Blaavands Huk ...	30.47	18	ESE	1	b	30.39	-0.5	37	+14	WSW	2	c	1	-	37	16							
GERMANY, &c.	Cuxhaven ...	30.44	28	NE	2	b	30.46	0.0	27	-1	W	1	o	0	-	30	23						
	Berlin ...	30.24	28	N	3	o	30.43	+0.6	28	-2	N	1	o	*	0.35	30	27						
	Frankfurt ...	30.39	23	N	2	b	30.51	+0.6	16	-10	-	0	b	*	-	28	24						
	Munich ...	30.28	23	W	3	s	30.45	+0.1	18	-4	NW	2	c	*	0.16	25	18						
	The Helder ...	30.45	37	N	2	c	30.49	-0.1	36	0	-	0	o	1	0.04	39	32						
	Brussels ...	30.47	34	NNW	2	o	30.49	+0.2	28	+1	NE	1	o	*	-	35	26						
FRANCE.	C. Gris Nez...	30.54	38	NNE	6	c	30.52	-0.2	36	+9	NNW	6	bc	5	-	39	27						
	La Hève ...	30.53	32	NE	3	b	30.58	*	35	+7	NE	5	o	5	0.20	35	28						
	Ushant...	30.61	33	SE	2	b	30.65	*	33	-10	NE	5	c	4	-	43	33						
	Brest (St. Matheu)...	30.61	35	E	2	b	30.68	-0.1	39	+4	N	1	bc	2	-	41	34						
	Lorient (Bec Melen)...	30.54	35	ENE	4	b	30.58	*	40	+6	N	4	o	8	-	46	32						
	Rocheport (Ile d' Aix)	30.43	31	NNE	5	bc	30.54	0.0	34	+4	NNE	5	b	*	-	37	28						
	Biarritz ...	30.32	32	ENE	2	o	30.50	+0.3	26	-7	E	3	b	3	-	37	26						
	Paris ...	30.47	26	NNE	2	b	30.48	-0.1	32	+8	N	2	s	*	Trace	32	24						
	Belfort ...	30.30	21	ENE	4	o	30.47	*	14	-8	E	4	c	*	-	26	14						
	Lyons ...	30.26	24	NNW	5	b	30.36	*	20	-5	N	2	c	*	-	28	19						
Nice ...	29.92	38	NE	3	b	30.07	0.0	34	+2	NE	1	b	1	-	43	30							
Perpignan ...	30.17	30	NW	5	b	30.26	+0.1	29	-4	W	5	b	*	-	35	28							
Sanguinaire ...																							
SPAIN, PORTUGAL, &c.	Corunna (S.a.m.) ...																						
	Lisbon (S.a.m.) ...	30.34	42	N	4	b	30.37	+0.2	37	-7	NNE	5	b	5	-	48	34						
	Gibraltar ...																						
	Azores (Horta, S.a.m.)	29.97	*	S	2	c	29.94	-0.3	53	-2	N	4	r	3	0.51	63	52						
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 Coast.	South Coast.
North Coast.	North Coast.

**NO WARNINGS
ISSUED.**

Western Channel and Bay. 11

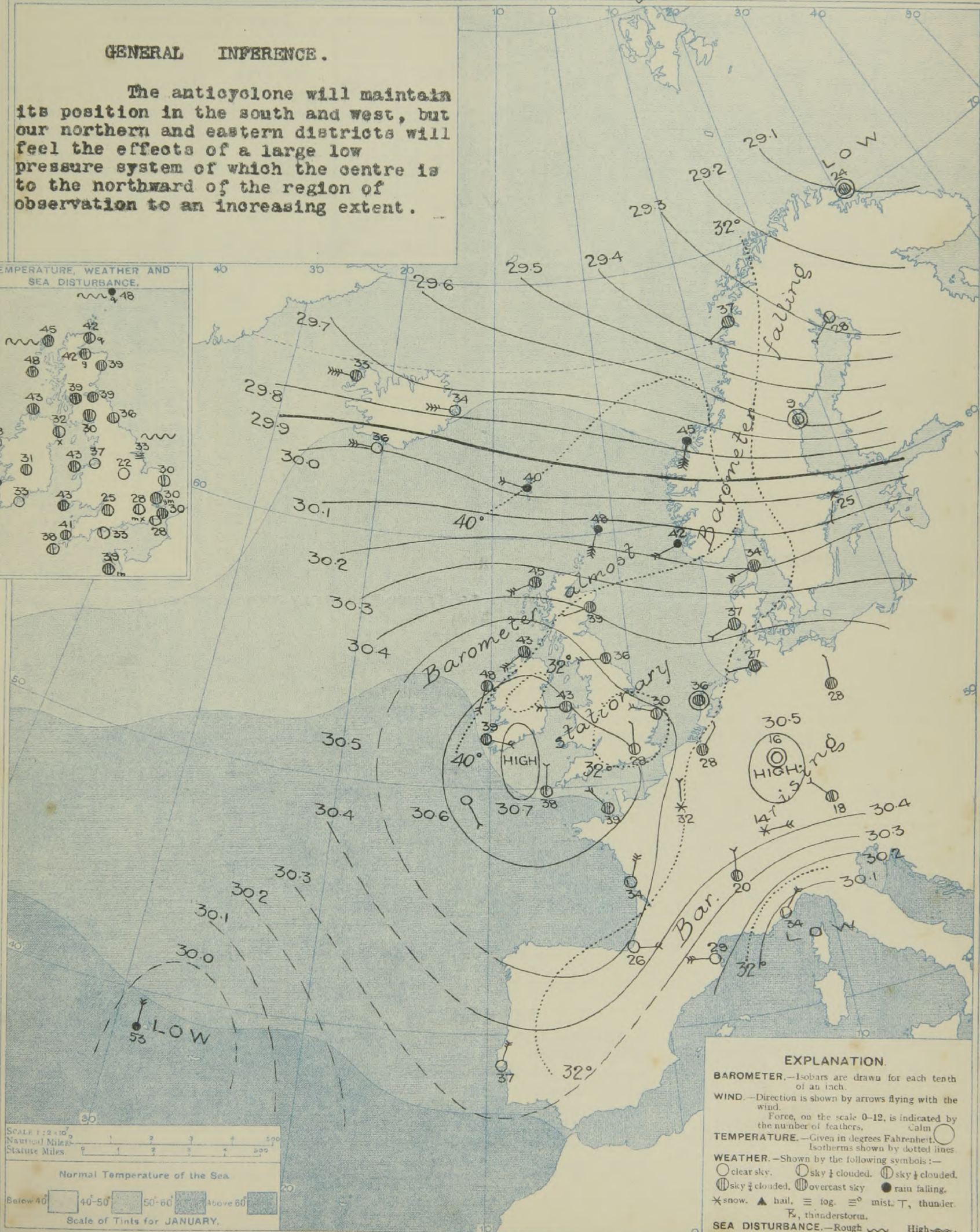
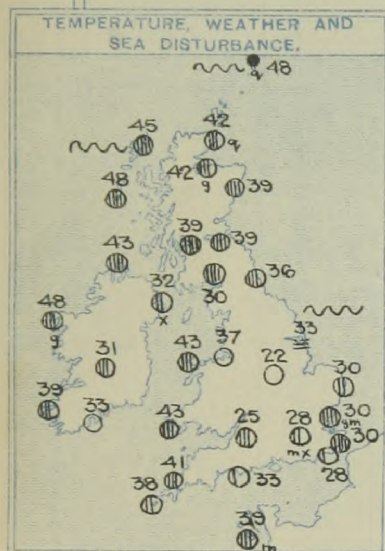
- | | |
|-------------------|---|
| 0 { a }
{ b } | Moderate to fresh Westerly winds; cloudy, some showers; moderate temperature. |
| 1 { a }
{ b } | Moderate Westerly winds; mostly cloudy, occasional light showers; moderate temperature. |
| 2 { a }
{ b } | Moderate winds from between West and North-West; mostly fair; becoming damp and warmer. |
| 3 { a }
{ b } | Northerly breezes, freshening later from North-West or West; fine at first, becoming cloudy and damp; temperature rising. |
| 4 { a }
{ b } | Same as No. 0. |
| 5 { a }
{ b } | Same as Nos. 1 and 2. |
| 6 { a }
{ b } | North-Westerly to Westerly breezes; mostly fair; temperature rising. |
| 7 { a }
{ b } | Same as No. 0. |
| 8 { a }
{ b } | Variable to Westerly breezes; fair generally; temperature rising. |
| 9 { a }
{ b } | Moderate Northerly breezes over mouth of Channel, light and variable over the Bay; sea moderate; mostly fair; moderate temperature. |
| 10 { a }
{ b } | |
| 11 { a }
{ b } | |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 1st JANUARY, 1914.

GENERAL INFERENCE.

The anticyclone will maintain its position in the south and west, but our northern and eastern districts will feel the effects of a large low pressure system of which the centre is to the northward of the region of observation to an increasing extent.



DAILY WEATHER REPORT.

Thursday, 1st January, 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.	
1st Jan. 7am.	49	11	Vaderland	H	30.64	+0.01	SSE	1-3	b	31st Jan. 6pm.	51	11	Corsican	H	30.61	+0.06	S	4-5	o
31st Jan. 6pm.	49	16	da	H	30.39	+0.10	SSE	6-7	o	7am	49	21	Samland	H	?	+0.03	S	4-5	o
"	51	12	Arabic	O	30.59	+0.06	S	1-3	bc	"	51	16	Corsican	H	30.29	+0.04	S	6-7	bc

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.	bc.b	bc.c	Hr.	Margate ...	In.	F.	F.	bc	bc.	Hr.
(St. Andrews ...)	-	41	37	*	*	3.6	Ramsgate ...	0.05	41	32	*	*	1.7
Eng. N.E. (Harrigate ...)	-	29	20	b	b.bc.o	5.7	Folkestone ...	0.07	39	31	*	*	3.3
(Scarborough ...)	*	36	30	bc	bc	6.0	Littlestone ...	0.20	39	30	st. os	os. o	2.2
Eng. N.W. (Morecambe ...)	-	29	22	bc	bm	2.3	Hastings ...	0.02	38	30	as.bc	b	5.7
(Blackpool ...)	-	37	23	om.c	c.bc	5.0	Bexhill-on-Sea ...	0.01	40	30	b	b	5.8
(Southport ...)	-	36	22	b3	b	5.2	Eastbourne ...	0.02	39	29	c.bc	b	5.3
Mid-lands. (Buxton ...)	-	29	14	bcx	b	4.0	Seaford ...	-	39	28	b	b	6.5
(Leamington Spa ...)	-	32	21	bc3	bc3	0.5	Brighton ...	-	40	29	bc.b	b.bc.b	6.0
(Malvern ...)	-	34	?	b	bc	5.2	Worthing ...	-	38	29	b	b	4.2
Wales. (Rhyl ...)	-	39	21	bc	bc	5.0	Littlehampton ...	-	37	29	*	*	6.4
(Colwyn Bay ...)	-	37	24	bc.b	b	6.5	Southsea ...	-	37	29	b	b	5.8
(Llandudno ...)	-	34	27	b	b	5.5	Ryde ...	-	37	32	b	b	4.8
(Bettws y Coed ...)	-	36	24	o.c.b	bc.c	6.7	Ventnor ...	-	36	28	*	*	6.0
(Aberystwyth ...)	-	38	28	b	b	6.1	(Bournemouth ...)	-	38	26	x.b	b	6.6
(Tenby ...)	-	38	28	b	b	6.1	Weymouth ...	-	38	28	b	b	6.5
England, E. (Lowestoft ...)	0.02	40	33	c.bc	bc.c	3.0	Exmouth ...	-	36	27	b	b	6.2
(Felixstowe ...)	0.01	35	28	bc.b	b.bc	5.3	Teignmouth ...	-	37	30	b	b	5.9
(Walton-on-Naze ...)	0.01	?	28	bc	bc.c.bc	?	Torquay ...	-	39	29	b	b	6.3
(Southend-on-Sea ...)	-	39	29	b	b	6.0	(Paignton ...)	-	38	28	b	b	5.6
							Falmouth ...	0.01	38	29	b	b	6.3
							Rude ...	-	41	29	bx	b	6.7
							(Ifracombe ...)	-	38	32	3.b	b3	5.4
							Weston-super-Mare ...	-	37	25	bc.b	b.bcm	5.0

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.
Greenwich (Royal Obs.) ...	%	%	Rc.	F.°	F.°	F.°	In.	by	by	conv.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	bchx	bx	bx.c	Hr.	
City (Aldgate Row) ...	73	72	3.1	37	28	19	-	b	b	*	Plymouth to 9 p.m.	-	34	26	24	bchx	bx	bx.c	*	
Westminster (St. James's Pk.)	81	87	2.5	*	*	*	-	m.b	bcn	bcn	Darwen	-	39	29	23	b	bx	b	6.1	
Camden Sq. (Brit. Rainfall)	76	90	0.3	38	30	27	-	b	b	*	Manchester "	-	36	23	20	bcn	bc	bc	3.2	
Hampstead (Reservoir) ...	?	?	4.1	37	27	23	-	o.bc	bcx	bcx	Birmingham "	-	*	*	*	*	*	*	*	
Richmond Park	*	*	5.4	35	25	9	-	-	-	-	Oxford to 8 p.m.	*	36	24	18	bmpsh	bxn	bx	*	
Kew. (See front page.)	-	-	4.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
S. Kensington (Roof of M.O.)	86	85	2.9	Total.		Average Rate.		Max. Rate.												
				2.01 Joules		7.1 Milliwatts.		14.0 Milliwatts.												
				S. Kensington (Museum Grounds to 8 p.m.)																
											Trace	38	30	22	b3	b3	bx	*		

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

1st/2nd Jan. 1914.	Sunrise.	Noon.	Sunset.
mouth ...	G.M.T. 8.6	G.M.T. 11.57	G.M.T. 3.48
Greenwich ...	8.6	11.57	3.48
Wick ...	8.8	12.44	4.0
Valencia ...	8.8	12.44	4.0
	9.5	12.16	3.27
	9.5	12.16	3.28
	8.51	12.45	4.38
	8.51	12.45	4.39

NOTES ON YESTERDAY'S WEATHER.

Fine weather prevailed over the British Isles as a whole, the amounts of bright sunshine exceeding 6 hours in many cases. Slight showers of snow were experienced in the extreme south-east, while rain is reported from the extreme north-west. Sharp frost again occurred over the inland districts of England, the thermometer falling to 20° at Nottingham. In Central Ireland the temperature remained below the freezing point throughout the day, the maximum reading at Birr Castle being 31°.

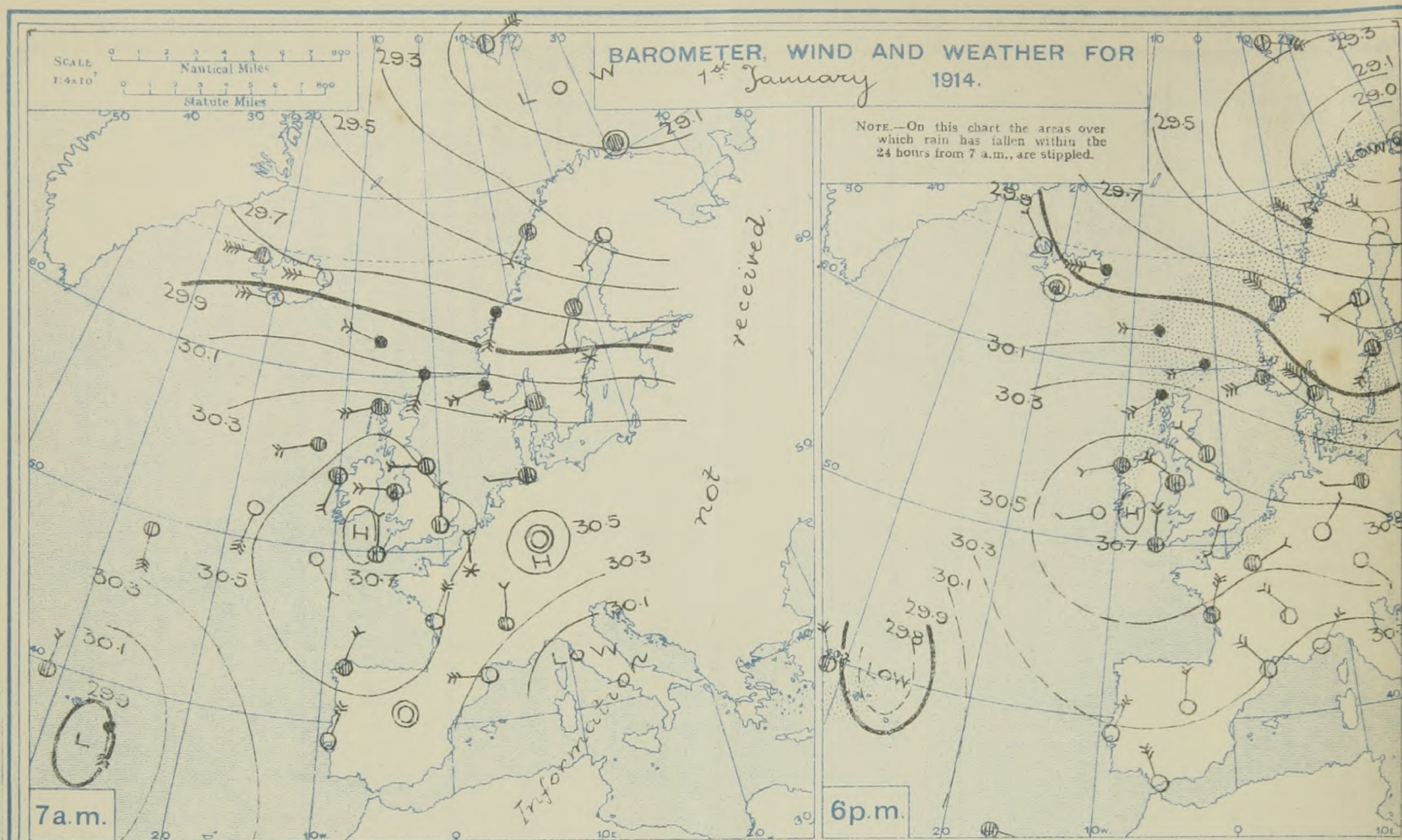
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. hazy; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; v. 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.

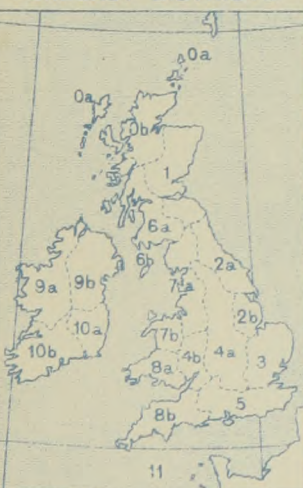
Friday,
2nd January, 1914.

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.	Dirac.				At 32° F. and M.S.L. Lat. 46°	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 ...	30.12	48	WSW	4	or	29.94	-0.05	48	0	SW	4	omd	3	0.11	49	46	omd	omd	omd	?		
	Stornoway ...	30.36	47	SW	6	odqp	30.19	-0.04	47	+2	W	6	og	5	0.05	48	45	od	odqp	odqp	0.0		
	Castlebay (Barra Isd.)	30.44	49	WSW	4	o	30.33	-0.03	49	+1	W	5	cp	5	0.03	49	48	o	op	cp	0.0		
	Glasgow ...	30.49	43	WSW	3	o	30.37	-0.05	46	+7	W	4	od	*	0.02	46	39	c.bc	bc	cp	0.0		
	Eskdalemuir Obsy.	?	41	W	5	bc	?	-0.02	41	+11	SSW	3	od	*	-	?	?	o	o	bc.o	?		
	Malin Head ...	30.52	47	W	5	o	30.42	-0.04	47	+4	SW	5	r	4	0.01	47	43	omq	omq	omq	?		
	Blacksod Point ...	30.60	49	WSW	2	og	30.54	-0.02	48	0	W	3	od	3	0.02	50	45	cg	cg	ogd	*		
	Valencia ...	30.69	45	SSW	1	c	30.66	-0.01	47	+8	SW	1	o	3	-	48	36	bc	bc	c	3.5		
	Roche's Point ...	30.70	41	N	1	bc	30.66	*	40	+7	NNW	3	o	3	0.02	44	30	b	b.be	bc.c	*		
	Birr Castle ...	30.65	37	SW	1	c	30.60	*	38	+7	SW	1	o	*	-	40	30	c	c	o	0.0		
	Donaghadee ...	30.58	38	WSW	2	cm	30.47	-0.03	41	+9	WSW	2	bc	2	-	41	31	cm	cm	om.bc	*		
	Liverpool Obsy. ...	30.56	42	W	4	o	30.51	-0.02	44	+7	W	5	o	4	-	44	36	bc	og	o	0.8		
	Holyhead ...	30.59	45	WNW	4	o	30.56	-0.01	46	+3	WNW	3	om	2	-	47	42	c.om	om	om	0.0		
	Pembroke (St. Ann's Hd.)	30.64	45	NNW	2	o	30.61	-0.01	47	+4	NW	3	o	3	-	48	41	c	c	og	0.4		
	Newquay ...	30.63	45	NNW	4	o	30.61	-0.00	46	+5	N	4	o	4	-	47	41	c.bc	bc.c	o	1.5		
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	30.67	44	N	4	cg	30.65	-0.00	47	+9	N	4	cg	4	Trace	48	37	bc	bc	cg	4.2		
	Jersey (St. Aubin) ...	30.58	41	NNE	3	om	30.56	*	45	+6	NE	2	om	3	-	45	39	cm	em	com	0.1		
	Portland Bill ...	30.60	41	NNW	3	bc	30.58	-0.01	43	+10	NNW	3	bc	2	-	43	33	b	b.be	bc.c	*		
	Dungeness ...	30.52	35	N	1	om	30.49	-0.01	33	+5	NW	1	om	1	-	35	25	bem	bem	om	*		
	Dover ...	30.50	35	NNE	3	o	30.46	*	37	+7	WNW	3	cg	2	0.01	41	37	c.bc	bc.c	o.c	0.6		
	Wick ...	30.33	45	SW	3	c	30.11	-0.07	47	+5	W	3	bc	3	0.02	48	40	cg	cg	epdq	*		
	Nairn ...	*	*	*	*	*	30.16	*	49	+7	W	4	cg	3	Trace	49	41	-	-	bc	0.6		
	Aberdeen ...	30.39	38	WSW	3	b	30.21	-0.05	45	+6	WSW	3	b	2	-	45	36	c.bc	bc	b	0.6		
	Leith ...	30.43	43	W	2	b	30.32	-0.05	46	+7	WSW	4	c	*	-	47	39	c.bc	bc.b	bc	*		
	North Shields ...	30.47	39	WNW	2	c	30.36	-0.04	42	+6	SW	2	c	2	-	42	33	c	c	bc	0.2		
SCANDINAVIA.	Spurn Head ...	30.49	39	WNW	3	m	30.39	-0.03	38	+5	WNW	4	bem	4	-	39	32	f	f	bem	0.0		
	Yarmouth ...	30.51	34	W	2	bem	30.44	-0.02	34	+4	SW	2	bf	2	-	35	26	bm	cm	bc.bf	0.9		
	Clacton-on-Sea ...	30.52	34	WNW	2	o	30.46	-0.02	34	+4	WNW	1	bm	0	-	36	29	og.bem	bc.ogm	og.bem	5.4		
	Nottingham ...	30.54	37	WSW	1	c	30.48	*	33	+11	WSW	2	bm	*	-	41	21	bem	cm	c.bm	0.0		
	Bath ...	30.60	37	NW	2	m	30.58	*	34	+9	SW	1	m	*	-	41	25	bc.bm	bbe.oms	bc.oms	5.0		
	London (Kew Obsy.) ...	30.56	35	SSW	1	o	30.50	-0.01	35	+7	SSW	1	bem	*	-	35	28	bem	bem	o.oms	3.5		
	Spitzbergen ...	29.32	12	ESE	5	bc	29.63	+0.08	10	-8	E	3	b	*	-	14	5	GALES. Duration and Extreme Force in British Islands					
	Isafjord ...	29.43	26	NW	2	b	29.95	-0.01	30		NW	3	bc	*	-	*	*						
	Reykjavik ...	29.98	34	S	1	c								*	-	*	*						
	Vestmanna ...	29.97	34	-	0	c								*	-	*	*						
Seydisfjord ...	29.82	39	W	9	c	30.00	+0.04	29	-5	-	0	c	*	-	*	*							
GERMANY, &c.	Thorshavn ...	30.05	41	W	4	r	29.86	-0.01	45	+5	NW	2	b	*	-	*	*						
	Haparanda ...	29.16	25	NW	4	b	28.97	-0.04	23	-5	WNW	4	o	*	-	28	16						
	Hernösand ...	29.56	37	SW	2	bc	29.39	-0.04	35	0	SW	6	bc	*	-	39	30						
	Stockholm ...	29.72	36	SW	4	o	29.65	-0.07	34	+9	WSW	4	o	*	0.04	37	25						
	Wisby ...	29.90	35	WSW	8	o	29.76	-0.05	38		WSW	2	b	*	Trace	39	28						
	Karlstad ...	29.81	41	SW	2	o	29.75	-0.04	30	-3	-	0	o	*	-	41	28						
	Vardö ...	28.96	28	-	0	o	28.93	-0.00	28	+4	E	6	s	3	?	28	9						
	Bodö ...	29.15	34	NW	8	tlr	29.13	-0.01	28	-9	W	4	o	2	?	37	23						
	Christiansund ...	29.79	41	NW	7	o	29.62	-0.06	40	-5	SW	5	o	5	0.39	43	39						
	Skudesnaes ...	30.11	45	WSW	6	o	29.96	-0.04	46	+4	W	6	r	4	0.71	46	41						
FRANCE.	Færder (X'lania Fjord)	29.88	43	WSW	6	o	29.77	-0.05	43	+3	WSW	5	o	3	-	43	39						
	The Scaw (Skagen) ...	30.00	45	NW	9	o	29.87	-0.05	45	+11	WNW	8	bc	2	-	45	32						
	Blaavands Huk ...	30.30	41	WNW	3	r	30.17	-0.05	42	+5	W	3	m	2	Trace	43	36						
	Cuxhaven ...	30.40	30	SW	4	o	30.26	-0.03	29	+2	W	4	rm	2	0.16	36	28						
	Berlin ...	30.47	27	W	1	c	30.28	-0.08	32	+4	S	2	o	*	0.24	30	21						
	Frankfurt ...	30.56	19	NE	1	b								*	-								
	Munich ...	30.54	16	SE	1	b	30.58	-0.01	15	-3	SW	2	o	*	-	21	14						
	The Helder ...	30.48	34	S	1	o	30.38	-0.04	41	+5	WSW	2	o	2	-	43	34						
	Brussels ...	30.54	28	-	0	o	30.52	-0.01	26	-2	SW	2	s	*	0.16	33	26						
	SPAIN, PORTUGAL, &c.	C. Gris Nez ...	30.51	38	N	3	o	30.49	-0.01	39	+3	WSW	3	r	3	0.04	39	36					
La Hève ...		30.51	37	N	3	m	30.51	*	37	+2	S	2	c	2	0.20	39	34						
Ushant ...		30.62	43	NE	6	o	30.60	*	50	+7	NNE	4	o	4	-	50	33						
Brest (St. Mathieu) ...		30.64	42	NNE	3	o	30.61	-0.00	46	+7	NE	2	o	3	-	46	39						
Lorient (Bec Melen) ...		30.51	42	N	4	o	30.51	*	41	+1	NE	1	o	1	-	41	39						
Rochefort (Ile d' Aix)		30.48	37	NNE	5	o	30.53	+0.01	29	-5	ENE	4	o	*	-	37	28						
Biarritz ...		30.44	32	ESE	2	o	30.50	+0.02	25	-1	E	3	b	2	-	34	25						
Paris ...		30.52	32	ENE	1	o	30.56	-0.01	27	-5	-	0	o	*	-	37	31						
Belfort ...		30.50	20	E	4	m	30.59	*	11	-3	E	4	f	*	-	24	11						
Lyons ...		30.45	21	NW	3	b	30.55	*	16	-4	NE	1	o	*	-	26	14						
PORTUGAL, &c.	Nice ...	30.15	36	NE	3	b	30.35	+0.02	30	-4	NE	2	b	4	-	41	28						
	Perpignan ...	30.32	31	NW	4	b	30.39	+0.01	32	+3	NW	3	c	*	-	32	29						
	Sanguinaire ...																						
	Corunna (8 a.m.) ...																						
AZORES, &c.	Lisbon (9 a.m.) ...	30.48	40	NNE	5	b	30.38	-0.00	39	+2	NNE	4	b	5	-	45	36						
	Gibraltar ...	30.20	41	NW	5	b	30.16	*	37		NW	4	o	2	-	51	36						
	Azores (Horta, 8 a.m.)	29.75	*	NW	5	r	29.90	+0.04	57	+4	SW	4	r	3	1.22	57	53						
	Madeira (Funchal) ...	30.27	61	ESE	r	c	30.29	+0.03	60	+1	ESE												



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.

No Warnings Issued.

Western Channel and Bay. 11

0 { a } Westerly to North-Westerly winds, strong in places;
b } changeable, some rain; becoming colder.

1 { Westerly to North-Westerly winds, freshening; fair
2 { and mild at first, showery later and rather cooler.
b }

3 { Light to moderate Westerly and North-Westerly winds;
4 { fair at first, cloudy and misty later, with slight rain in
b } places. Becoming temporarily milder.

5 { Same as No. 0.

6 { Westerly to North-Westerly winds, freshening; cloudy,
7 { some rain; mild to-day, rather cooler to-morrow.
b }

8 { Light to moderate Westerly and North-Westerly winds;
b } cloudy, misty, slight rain locally; temperature above the normal.

9 { Same as No. 0.

10 { Same as No. 8.

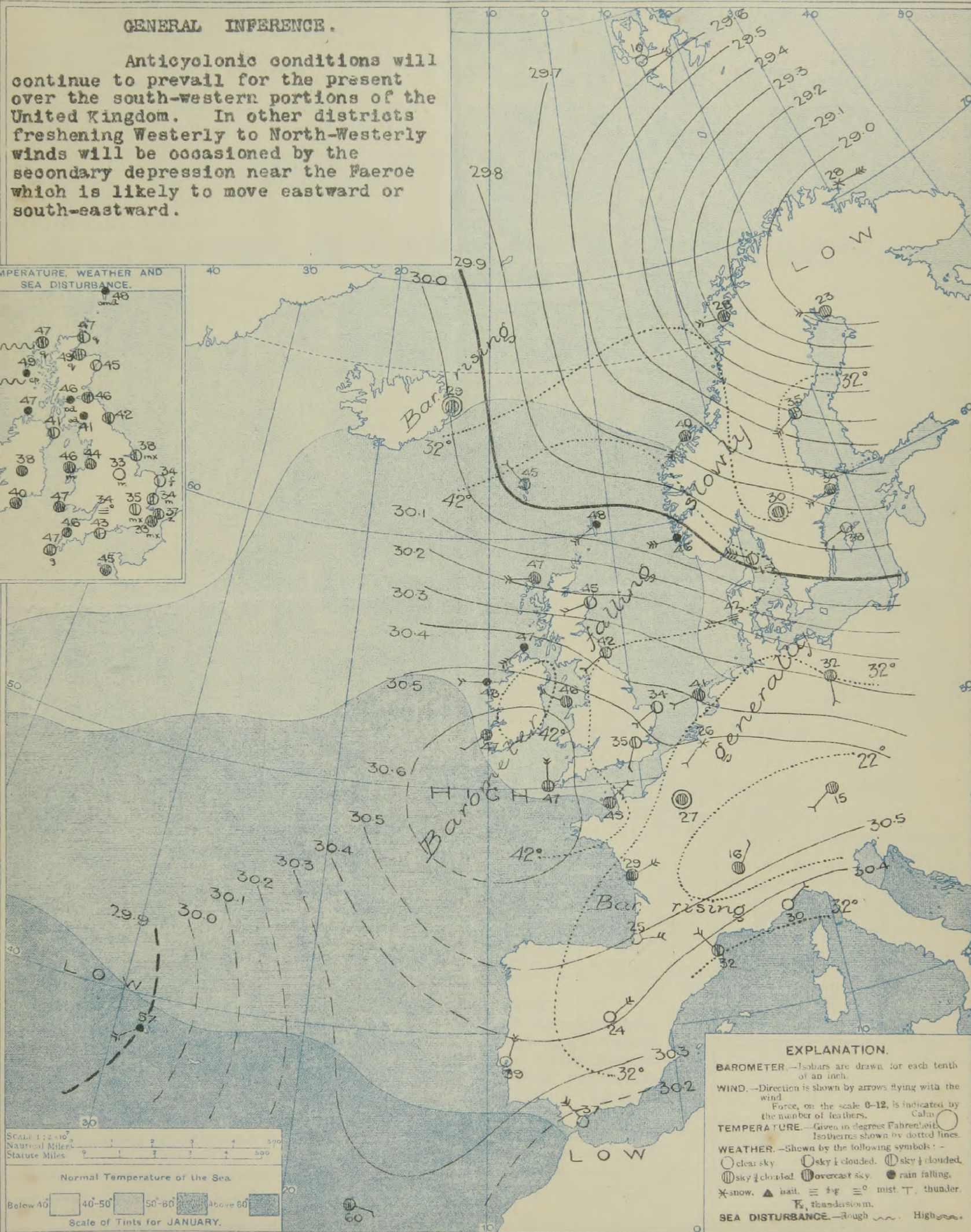
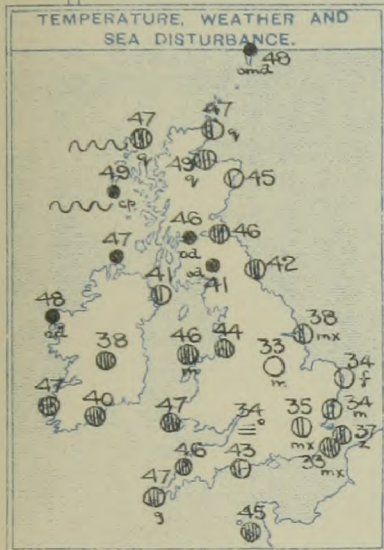
11 { Moderate Northerly to North-Westerly winds and a
moderate sea; fair generally, but misty or foggy in places;
becoming milder.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Friday, 2nd JANUARY, 1914.

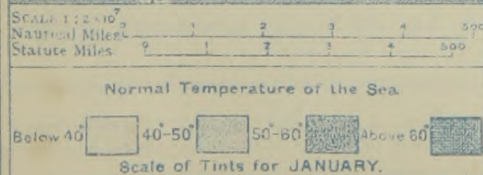
GENERAL INFERENCE.

Anticyclonic conditions will continue to prevail for the present over the south-western portions of the United Kingdom. In other districts freshening Westerly to North-Westerly winds will be occasioned by the secondary depression near the Faeroe which is likely to move eastward or south-eastward.



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.
 F, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. High wavy.



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.	
1st. 6pm.	51 49	11 7	Royal George Vaderland	O H	? 0.65	+01 -07	WSW N	1-3 1-3	b bc	1st. 7am	49 51	26 17	Samland Arabic Scotian	O O H	? 30.44 ?	-01 -02 +07	S SSW WSW	6-7 6-7 4-5	bc b 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.
(Olan ...)							Ramsgate ...	0.02	38	33	bc	bc.c.o	1.0
(St. Andrews ...)				*	*		Folkestone ...		36	30	*	*	0.7
Eng. N.E.							Littlestone ...		36	29	b.o	o	0.8
(Harrogate ...)		39	28	b.bc	bc.c	2.2	Hastings ...		38	30	o.bc	bc.c.o	0.3
(Scarborough ...)	*	42	28	c.b	c.b	1.5	Bexhill-on-Sea ...		38	28	c.o	c	0.0
Eng. N.W.							Eastbourne ...		38	29	bc.o	c.o	0.0
(Morecambe ...)		44	27	bc.c	c	0.0	Seaford ...		37	27	bc	c	1.6
(Blackpool ...)		44	32	c.bc	c.o	0.0	Brighton ...		38	29	om.c.b	bc.c.o	4.9
(Southport ...)		43	30	c.o	o	0.0	Worthing ...		39	29	c.b	bc	4.8
Mid- lands.							Littlehampton ...		*	*	*	*	4.6
(Buxton ...)		38	19	bc	bc	1.8	Southsea ...		39	29	c.b.bc	bc	4.0
(Leamington Spa ...)		34	20	c.o	og	1.5	Ryde ...		39	32	bc	bc	4.0
(Malvern ...)		42	29	bc	c	4.9	Ventnor ...		41	29	*	*	4.9
Wales.							Bournemouth ...		40	27	o.bc.b	b	3.8
(Rhyl ...)		44	21	o	o	0.0	Hythe ...		37	25	g.c.bc	o	0.9
(Colwyn Bay ...)		45	30	b.bc	bc.o	0.0	Weymouth ...		41	28	3.b	b.bc	5.0
(Llandudno ...)		44	30	o	o	0.0	Exmouth ...		41	24	bc	bc	5.6
(Bettws-y-Coed ...)							Teignmouth ...		43	26	b	b	5.0
(Aberystwyth ...)		41	25	o.c.o	o.om	0.0	Torquay ...		43	28	b	bc.b	5.6
(Tenby ...)		43	38	bc.c	o	0.5	Paignton ...		44	26	b	b.bc	5.1
England, E.							Falmouth ...		44	30	c.b	bc	3.6
(Lowestoft ...)		34	26	b.bc	bc.c.o	2.9	Bude ...						
(Felixstowe ...)		36	25	bcm	bcm.o	5.1	Ilfracombe ...		46	29	o	o	0.2
(Walton-on-Naze ...)		?	27	bcm	bc.o.cm	?	Weston-super-Mare ...		42	24	b	b.o	5.5
(Southend-on-Sea ...)		40	28	bc.b	b.bc	5.5							

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.
Greenwich (Royal Obs.) ...	78	90	0.0	37	27	19	bm	b.c.o	obxm
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	81	93	0.0	37	30	27	cm	m	mx
Camden Sq. (Brit. Rainfall)	82	86	0.4	37	29	27	b.o	om	*
Hampstead (Reservoir) ...	*	*							
Richmond Park ...	*	*	3.6						
Kew. (See front page)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	85	94	0.0	129	Joules	4.6	Milliwatts.	10.0	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.	
		Max.	Min.					
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	-	40	28	25	b x 3 c	c.0	c.0	*
Plymouth to 9 p.m.	-	41	26	20	of	bc 3	c. b	3.6
Darwen "	-	40	27	24	bc	c. a 1	oc 1 q	0.0
Manchester "	-	41	25	*	of	c f	of	0.0
Birmingham "	-	40	36	12	c	c	c.0	3.4
Oxford to 8 p.m.	*	37	24	19	b x a b m	bm. c	bm.0	*
S. Kensington (Museum Grounds to 6 p.m.)		37	29	17	b			*

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

2nd & 3rd Jan. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	8.5	11.57	3.43
Greenwich ...	8.8	12.4	4.0
Wick ...	9.5	12.16	3.28
Valencia ...	8.5	12.45	4.59

NOTES ON YESTERDAY'S WEATHER.

Frost was again experienced last night over Eastern and Central England; on the surface of the grass the thermometer fell to 19° at Greenwich, 25° at Nottingham, and 27° at Westminster and Camden Square. Considerable amounts of bright sunshine were recorded yesterday on our south and south-west coasts. Slight rain has fallen in the north-west and extreme north. Wireless reports show that as far west as the 26th meridian ships experienced moderate to strong breezes from the Southward, with fair weather.

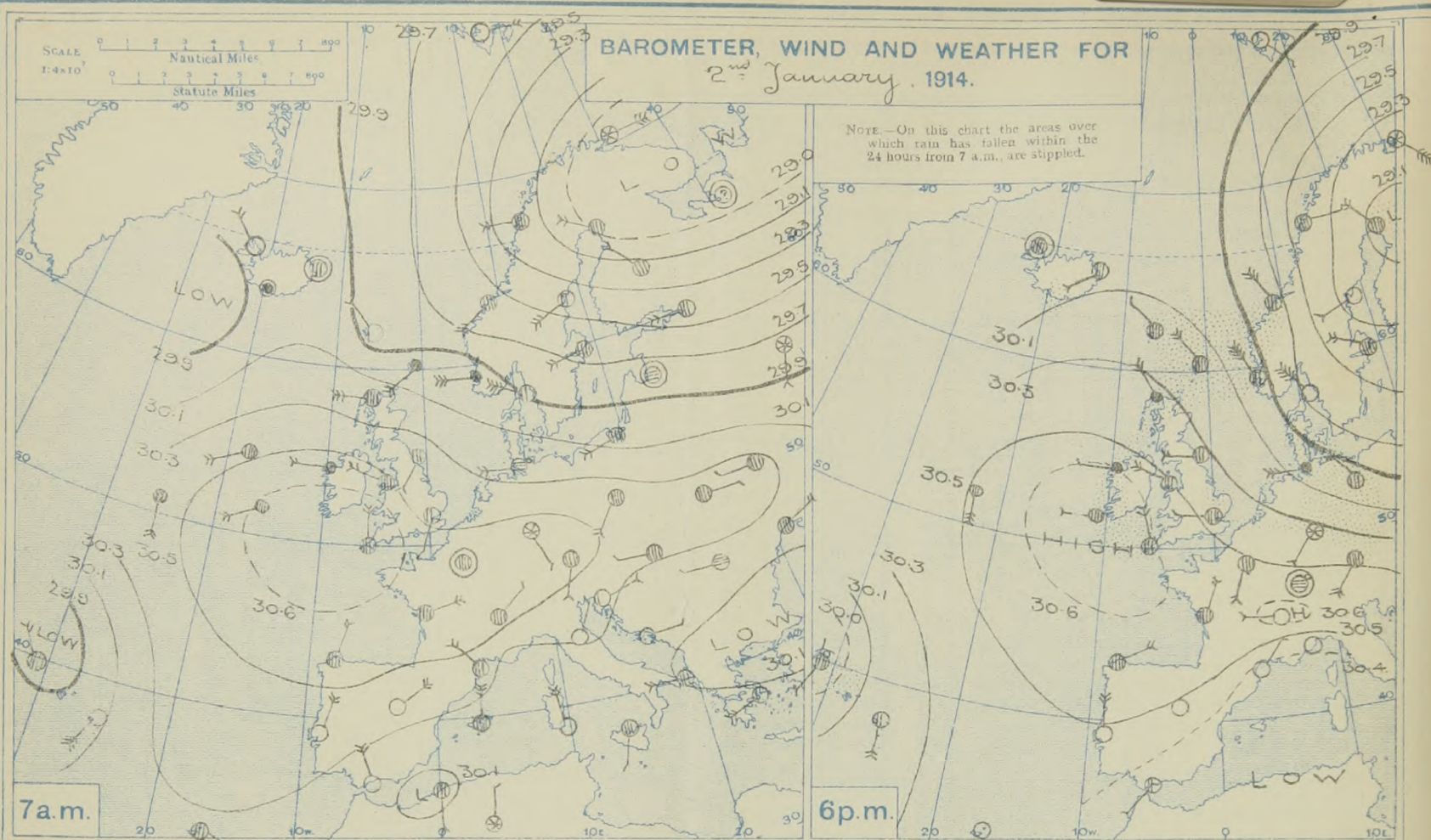
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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.

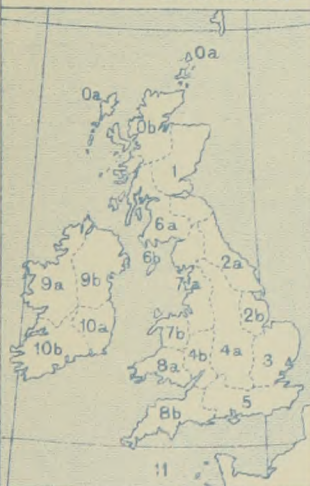
Saturday
3rd January, 1914.

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.	Direc.	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.	Direc.	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.				
																						Hours.	
BRITISH ISLANDS.	Lerwick ...	30.13	41	WNW	4	o	30.07	-0.03	45	-3	WSW	3	od	3	0.10	43	38	cq.p	o	a.b.c.d	*		
	Stornoway ...	30.37	45	NW	4	c	30.27	-0.04	44	-3	W	5	c	4	0.02	48	44	o.c.d.g.p	ed.p	a.c.d.p	0.2		
	Castlebay (Barra Isd.)	30.43	47	WNW	3	c	30.33	-0.03	46	-3	W	3	op	4	0.02	49	45	c.o.p	op.c	bc.op	0.5		
	Glasgow ...	30.38	45	W	3	b	30.40	-0.03	43	-3	WSW	2	c	*	0.02	47	40	a.e.b.e.o	o.b.c.b.	b.v.op	0.4		
	Eskdalemuir ...	30.39	42	NW	4	b	30.42	-0.02	42	+1	SW	4	o	*	0.01	38	38	od.r.e	c	c.b.c	0.0		
	Malin Head ...	30.48	47	NW	6	o	30.43	-0.02	45	-2	NW	4	cm	3	0.05	48	44	egq	om.dq	om.dq	*		
	Blacksod Point ...	30.60	47	W	1	odm	30.52	-0.04	48	0	W	2	cpdm	2	0.12	50	44	opd	d.p.d	om.p.d	*		
	Valencia ...	30.65	50	NW	4	om	30.62	-0.01	49	+2	WNW	3	o	4	0.08	50	47	cmd	omd	om	0.0		
	Roche's Point ...	30.62	47	NNW	3	o	30.61	*	45	+5	NNW	1	o	1	0.01	48	39	o.c	c.o	op.o	*		
	Birr Castle ...	30.59	43	SW	1	c	30.56	*	41	+3	SW	1	m	*	0.01	41	37	m	c	om	0.0		
	Donaghadee ...	30.50	47	NW	3	cm	30.49	-0.01	43	+2	WNW	2	c	3	-	48	41	cm	cm	cm.c	*		
	Liverpool Obsy. ...	30.45	45	W	4	o	30.49	-0.01	44	0	W	3	og	3	-	46	41	cm	o	om	0.1		
	Holyhead ...	30.51	48	WNW	4	cm	30.53	-0.01	44	-2	W	2	om	2	-	49	44	o.c.o.m	o.c.o.m	om	0.2		
	Pembroke (St. Ann's Hd.)	30.54	48	WNW	4	c	30.55	0.00	46	-1	WNW	2	og	2	Trace	49	44	o	c	c.o	0.1		
	Newquay ...	30.56	48	NNW	4	o	30.56	0.00	47	+1	NW	2	o	3	0.02	49	46	o	o	op.o	0.0		
	Scilly (St. Mary's) ...	30.60	49	NNW	4	c	30.58	0.00	49	+2	NNE	3	cv	4	0.01	50	45	c	c	ad.ev	0.0		
	Jersey (St. Aubin) ...	30.56	47	NW	3	o	30.52	*	48	+3	N	3	ome	3	Trace	48	44	om	om.c.o	ome	0.2		
	Portland Bill ...	30.52	47	NW	3	c	30.52	+0.01	41	-2	NW	2	bc	2	-	47	40	o	bc.c	c.b.c	*		
	Dungeness ...	30.42	39	SW	3	c	30.45	+0.01	40	+7	NNW	3	o	2	Trace	41	32	bc.m	bc.c	op.o	*		
	Dover ...	30.39	38	NW	2	b	30.43	*	41	+4	NW	3	og	2	0.02	42	32	c.b.c.b	b.b.c.b	ba.c.b	3.2		
Wick ...	30.25	46	WNW	3	o	30.21	-0.05	43	-4	W	4	bc	4	0.02	48	41	cm.p.dq	c.m.p.dq	opq.bc	*			
Nairn ...	30.33	47	W	2	og	30.28	*	44	-5	W	1	od	1	0.01	50	41	cgp	ce	edg	0.3			
Aberdeen ...	30.28	46	NW	5	o	30.27	-0.04	39	-6	W	1	o	2	0.02	47	39	og.ep	bc.ep	ep.o	0.2			
Leith ...	30.33	46	WSW	2	b	30.35	-0.03	45	-1	W	3	b	*	-	51	40	c.b.c	bc.b	b	*			
North Shields ...	30.31	45	W	3	c	30.40	0.00	38	-4	W	3	cx	2	-	48	36	c	c	c	4.2			
Spurn Head ...	30.30	42	W	5	c	30.40	+0.01	40	+2	WNW	4	c	4	-	43	37	cm	cm	cm	5.0			
Yarmouth ...	30.33	39	W	2	bc	30.42	+0.02	40	+6	W	1	c	1	0.02	42	34	of	of.bem	om	0.9			
Clacton-on-Sea ...	?	39	WNW	2	o	30.43	+0.02	41	+7	WNW	2	om	1	-	42	35	bc.em	ed.m	o.c.o.m	1.8			
Nottingham ...	30.39	47	WNW	4	o	30.47	*	34	+1	SW	1	fe	*	0.01	47	32	bem	cm.o	o.c.b	1.7			
Bath ...	30.50	45	NW	1	m	30.53	*	38	+4	NW	1	o	*	-	47	33	m.o	c.o.m	m.o	0.5			
London (Kew Obsy.) ...	30.44	41	W	1	o	30.48	+0.01	42	+7	W	1	om	*	Trace	45	33	o.m.a.b.m.b.c.o.m	o.m	o.m	3.4			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.96	0	SE	1	b	29.93	+0.01	-10	-20	-	0	b	*	-	10	-11						
	Isafjord ...	29.91	28	-	0	o	29.06	-0.23	28	-2	S	8	s	*	*	*	*	*	*	*			
	Reykjavik ...	30.02	38	S	4	c	29.28	0.00	36	+1	WSW	10	bc	*	*	*	*	*	*				
	Vestmanna ...	30.07	39	-	0	o	29.47	-0.02	35	-3	NW	10	b	2	*	*	*	*	*	*			
	Seydisfjord ...	30.01	38	SW	2	c	29.32	-0.29	36	+7	-	0	c	*	*	*	*	*	*				
	Thorshavn ...	30.18	38	NW	1	o	29.89	-0.10	43	-2	WSW	5	r	*	*	*	*	*	*				
SCANDINAVIA.	Haparanda ...	29.95	16	NW	4	o	29.46	+0.17	13	-10	N	4	o	*	0.04	23	12						
	Hernösand ...	29.23	30	SW	2	b	29.55	+0.04	22	-10	N	2	b	*	-	39	21						
	Stockholm ...	29.38	37	WNW	4	o	29.57	+0.08	25	-9	NW	6	b	*	-	37	25						
	Wisby ...	29.28	40	WSW	4	b	29.58	+0.08	33	-5	N	8	b	*	-	39	32						
	Karlstad ...	29.50	39	NW	2	c	29.78	+0.08	28	-2	WNW	4	b	*	-	36	28						
	Vardö ...	29.26	24	SE	8	s	29.54	+0.04	20	-8	ENE	8	o	4	?	28	10						
	Bodö ...	29.37	28	E	1	o	29.55	+0.07	28	0	E	1	b	1	-	28	19						
	Christiansund ...	29.77	36	NW	5	c	29.85	+0.02	37	-3	NW	5	c	5	0.16	40	32						
	Skudesnaes ...	29.97	39	NW	8	c	30.08	+0.01	39	-7	NNW	4	a	4	0.12	46	36						
	Færder (X'ania Fjord) ...	29.59	45	NW	5	b	29.86	+0.02	39	-4	NW	5	b	2	-	45	37						
The Scaw (Skagen) ...	29.63	45	WNW	8	b	29.93	+0.05	40	-5	NNW	7	bc	2	-	45	37							
Blaavands Huk ...	29.93	43	W	4	o	30.12	+0.06	41	-1	WNW	6	bc	4	Trace	43	39							
GERMANY, &c.	Cuxhaven ...	30.04	39	W	5	r	30.15	+0.04	40	+11	NW	4	b	2	0.04	43	29						
	Berlin ...	30.08	34	S	2	o	29.99	+0.04	37	+5	NW	4	c	*	0.28	37	30						
	Frankfurt ...	30.42	27	SW	2	s	30.34	+0.01	28	-	SW	5	m	*	Trace	30	21						
	Munich ...	30.50	21	SSW	4	o	30.37	-0.01	27	+12	W	5	3	*	0.12	27	15						
	The Helder ...	30.23	43	W	3	p	30.33	+0.02	43	+2	WNW	2	c	3	-	45	41						
	Brussels ...	30.39	32	WNW	3	o	30.39	+0.02	36	+10	-	0	f	*	0.12	37	26						
FRANCE.	C. Gris Nez ...	30.39	44	W	5	c	30.43	+0.02	43	+4	NNW	4	o	3	Trace	45	39						
	La Hève ...	30.48	43	N	3	bc	30.48	*	44	+7	NNW	2	m	2	-	45	37						
	Ushant ...	30.60	51	N	4	o	30.60	*	51	+1	NNE	3	bc	3	0.08	51	45						
	Brest (St. Mathieu) ...	30.63	46	NE	2	o	30.59	0.00	47	+1	N	1	bc	2	-	48	45						
	Lorient (Bec Melan) ...	30.58	34	NNE	3	o	30.52	-0.02	38	+9	SE	3	o	*	-	38	28						
	Rochefort (Ile d' Aix) ...	30.53	30	E	3	bc	30.57	0.00	30	+5	E	3	s	2	-	36	25						
	Biarritz ...	30.52	30	SSW	2	o	30.44	+0.01	34	+7	-	0	o	*	-	34	27						



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 Coast. North Coast. South Coast. North Coast.

No Warnings Issued.

Western Channel and Bay. 11

0 { a } Strong Westerly to North-Westerly winds; squally, showery, hail or sleet locally; colder.

1 { Westerly and North-Westerly winds, freshening considerably; fair at first, showery later; normal temperature.

2 { a } Westerly and North-Westerly winds, light or moderate; fine in places, but mostly cloudy or misty; normal temperature.

3 { Same as No. 0.

4 { a } Same as Nos. 1 and 2.

5 { Light to moderate North-Westerly winds; cloudy, misty, slight rain locally; rather cooler.

6 { a } Same as No. 0.

7 { a } Same as No. 8.

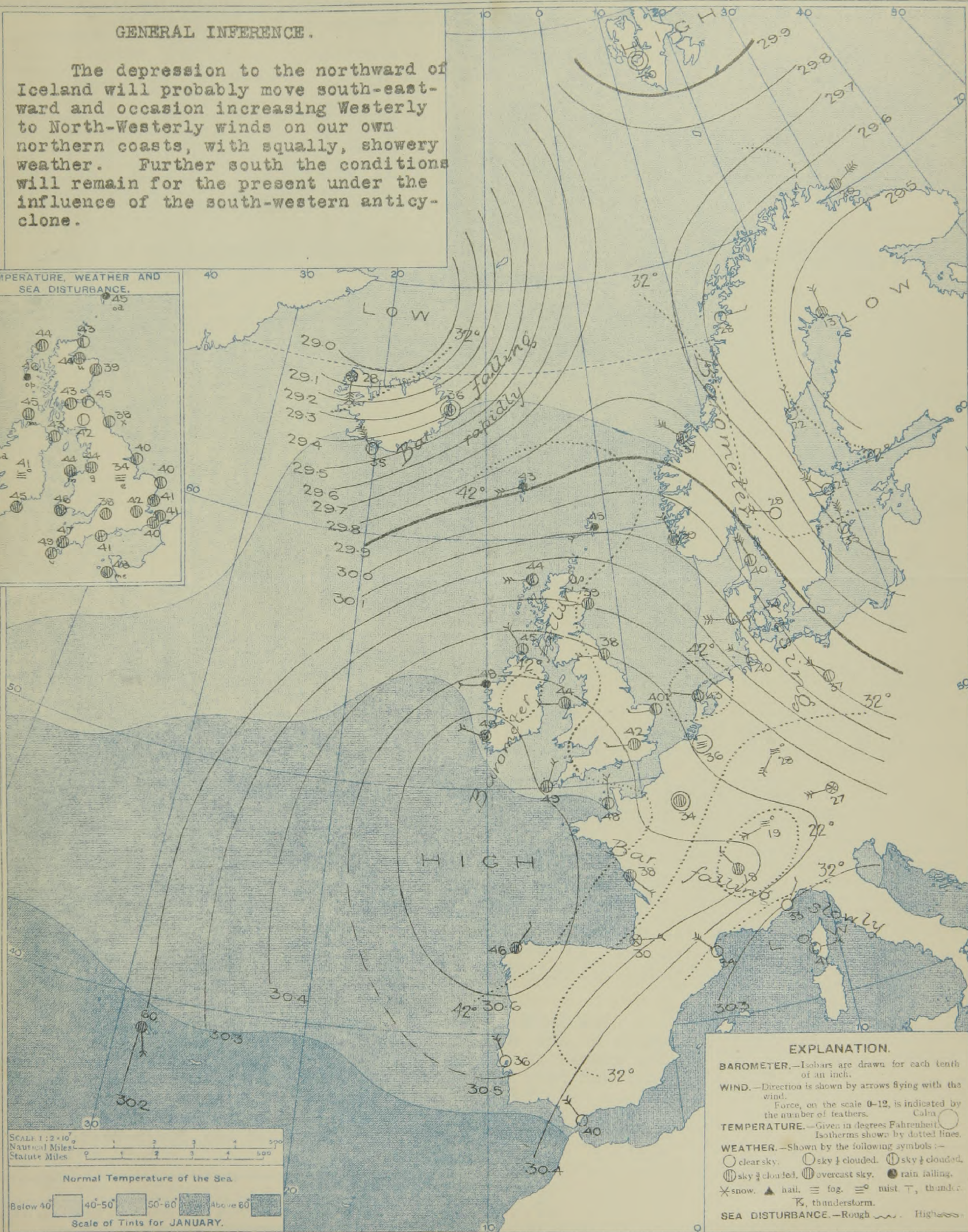
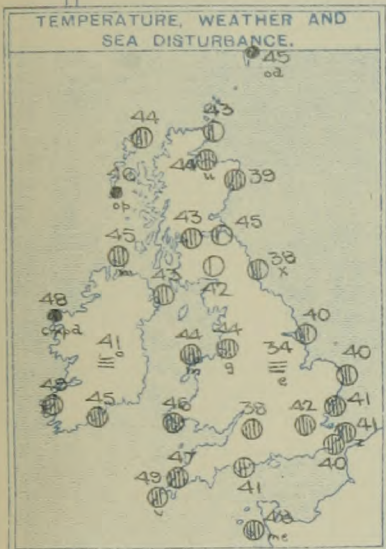
8 { a } Light or moderate North-Westerly to North-Easterly winds and a moderate sea; fair generally, but cloudy and misty in places; becoming cooler.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 3rd JANUARY, 1914.

GENERAL INFERENCE.

The depression to the northward of Iceland will probably move south-eastward and occasion increasing Westerly to North-Westerly winds on our own northern coasts, with squally, showery weather. Further south the conditions will remain for the present under the influence of the south-western 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.
- 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.
K, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. High wavy.

DAILY WEATHER REPORT.

Saturday, 3rd January 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.	
2nd 6pm.	51	23	Royal George	O	30.51	-.05	S	6-7	c	2nd 7am.	50	25	Arabic	O	30.45	-.03	S	4-5	o
	51	11	Empress of Britain	H	30.71	-.04	W	1-3	o		54	19	Cameronia	O	30.53	+.03	WSW	4-5	o
	51	10	Alacunia	O	30.64	.00	W	4-5	o		51	17	Royal George	O	30.63	.00	WSW	4-5	o
											51	16	Empress of Britain	H	30.68	+.02	SSE	1-3	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	0.03	49	45	opsq	opsq	0.0	Eng. land, S.E.	Margate	0.03	43	35	bc.e	c.o	0.0
	St. Andrews	-	51	39	*	*	1.8		Ramsgate	-	40	33	*	*	2.4
Eng. land, N.E.	Harrogate	0.01	43	33	b bc	b bc	2.5	Eng. land, S.W.	Folkestone	-	42	36	o.b	b bc	2.5
	Scarborough	*	46	37	bc	bc	4.5		Littlestone	-	43	35	c.o	o bc	1.2
Eng. land, N.W.	Morecambe	-	46	39	c	ce	0.0	Eng. land, S.W.	Hastings	-	43	35	c.o	o bc	0.5
	Blackpool	-	46	44	c.o	o	0.1		Bexhill-on-Sea	-	42	34	b.o	o	0.1
Mid. lands.	Southport	0.01	45	42	o	o.c.o	0.0	Eng. land, S.W.	Eastbourne	-	45	36	bc.o	o.c	0.1
	Buxton	0.02	43	36	bc	bc.r	1.5		Seaford	-	44	35	o	o	0.0
Wales.	Leamington Spa	0.01	44	32	o	o	0.0	Eng. land, S.W.	Brighton	-	44	31	o.am.o	o	0.0
	Malvern	-	47	35	bc	c.o	2.0		Worthing	-	43	35	c	c.o	0.0
England, E.	Rhyi	-	47	39	bcc	c.o	0.2	England, S.W.	Littlehampton	-	43	35	*	*	0.0
	Colwyn Bay	-	47	43	c	c	0.0		Southsea	-	43	30	bc	c bc	0.0
England, E.	Llandudno	-	47	41	o	o	0.0	England, S.W.	Ryde	-	43	37	o	o	0.0
	Bettws y Coed	-	47	34	o.c.o	o.am	0.0	England, S.W.	Ventnor	0.01	43	36	*	*	2.1
England, E.	Aberystwyth	-	47	34	o	o	0.0		Bournemouth	-	43	34	o	o	0.0
	Tenby	0.01	48	45	o	bc	0.7	England, S.W.	Hythe	0.03	40	32	f.b	fg	2.1
England, E.	Lowestoft	-	39	31	of.c	c.bcc	0.4		Weymouth	-	45	35	3 bc	bc	0.0
	Felixstowe	-	40	27	ch.f	cf.m.o	1.5	England, S.W.	Exmouth	0.01	41	28	b	b	0.9
England, E.	Walton-on-Naze	-	40	34	bcm	bc.am	2.5		Teignmouth	-	43	40	c	c	0.0
	Southend-on-Sea	-	41	31	o	o	0.0	England, S.W.	Torquay	-	47	39	o	c bc	0.0
									Paignton	-	47	28	c	c	0.0
								England, S.W.	Falmouth	-	48	29	o.c	c	0.0
									Bude	-	49	46	o	c.c.d	0.0
								England, S.W.	Ilfracombe	-	49	44	o	o	0.0
									Weston-super-Mare	-	46	-	c.b	bc.b.c	1.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.				WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		Max.	Min.	Grass.	Rain-fall.	Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.)	76	98	0.0	45	35	28	0.01	m.b.c.	c.b.c.	m.b.c.
City (Rushall Row)	76	95	0.5	46	33	31	-	b	b	b.m.c.
Westminster (St. James's Pl.)	74	95	0.8	46	33	31	-	b.m.	b	*
Camden Sq. (Brit. Rainfall)	79	94	2.0	46	35	31	-	b.m.	b	*
Hampstead (Reservoir)	*	94	2.6	45	33	23	-	oe	o.b.c	c.b.c.
Richmond Park	*	*	3.3							
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.)				151 Joules		5.3 Milliwatts.				

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.				WEATHER.			Sunshine for Yesterday.
		Max.	Min.	Grass.	Rain-fall.	Forenoon.	Afternoon.	Night.	
Dublin to 4 p.m.	-	48	39	38	o.c	c.od	e.o	*	
Plymouth to 9 p.m.	-	47	38	36	od	o	og	0.0	
Darwen	-	47	38	36	od	o	og	0.0	
Manchester	0.03	43	38	34	ae	ora	ora	0.0	
Birmingham	Trace	46	36	34	bef	cf.d	od.b.c	0.0	
Oxford to 8 p.m.	-	46	33	27	o	o	o.c	0.5	
S. Kensington (Museum Grounds to 6 p.m.)	-	44	32	24	o.am	o	o.c.o	0.0	

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

Ireland and Adj. Jan. 1914.		Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	5.6	11.58	3.49
		8.5	11.58	3.50
Greenwich	G.M.T.	8.8	12.5	4.1
		8.8	12.5	4.2
Wick	G.M.T.	9.4	12.17	3.29
		9.3	12.17	3.30
Valencia	G.M.T.	8.51	12.46	4.40
		8.50	12.46	4.41

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 45° and 50° in nearly all parts of the United Kingdom, and to 51° at Leith and St. Andrews. The amount of bright sunshine was as a rule small, but between four and five hours were recorded on the Yorkshire coast. Slight rain fell in many isolated localities. Wireless reports show that as far west as the 25th meridian ships experienced moderate to fresh winds from the South and South-West, with dull weather.

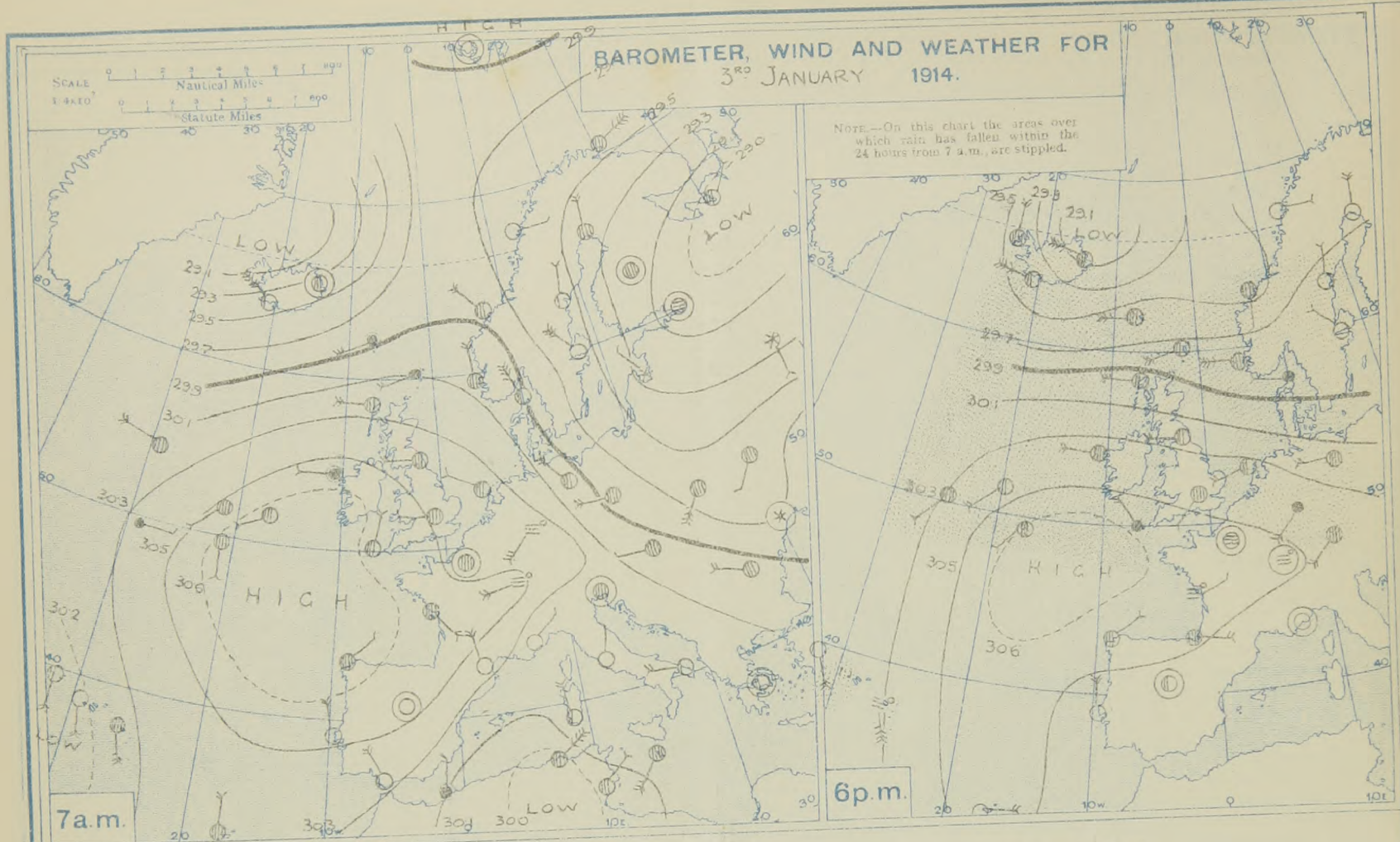
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. 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.

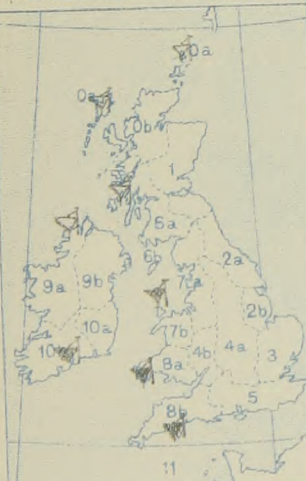
Sunday
14th January, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.							Sun- shine for Yesterday.	
		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 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 Yesterday.						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.
		In.	F.				In.	F.				In.	F.				In.	F.	F.	od	or bcq	cp bcq	Hours.
BRITISH ISLANDS.	Lerwick	29.72	45	WSW	7	bcq	29.47	-0.6	43	-2	WSW	6	cg	5	0.34	47	39	od	or bcq	cp bcq	*		
	Stornoway	29.97	43	W	5	bc	29.69	-1.3	43	-1	WSW	7	ogpl	6	0.24	45	41	ocdpq	ot bc	c opq	0.0		
	Castlebay (Barra Isd.)	30.08	46	W	4	op	29.84	-1.0	46	0	W	6	o	5	0.03	49	42	op	op	op.c.o	0.0		
	Glasgow	30.15	46	SW	5	ogd	29.94	-0.7	42	-1	SSW	3	bc	*	0.07	46	41	o	poc o	agp.c.p	0.0		
	Eskdalemuir	30.22	42	SW	5	r	29.99	-1.3	38	-4	SW	4	o	*	0.05	44	37	ocd	opd	org	0.0		
	Malin Head	30.16	46	W	8	T	29.94	-0.9	45	0	WSW	5	c	5	0.05	48	43	cmq	ogrq	cm	*		
	Blacksod Point	30.32	50	W	4	omv	30.03	+0.8	48	0	WSW	4	omr	4	0.24	50	46	cm	cm	omr	*		
	Valencia	30.50	48	SW	4	c	30.26	-0.7	50	+1	SW	5	og	4	0.03	50	47	o.c	c	om	0.1		
	Roche's Point	30.52	46	W	3	r	30.27	*	48	+3	W	3	bc	3	0.02	49	43	moc	c op	b bc	*		
	Birr Castle	30.42	45	SW	2	c	30.12	*	48	+7	SW	5	o	*	0.05	48	40	fec	m.c	od	0.9		
	Donaghadee	30.27	44	WSW	3	bee	30.05	-0.6	43	0	WNW	2	om	2	0.02	47	42	bc	bcp	omr.be	*		
	Liverpool Obsy.	30.36	42	WSW	3	bc	30.09	-0.6	46	+2	WSW	6	og	4	0.02	47	41	og	o bc	ogp	0.0		
	Holyhead	30.40	47	SW	4	cm	30.14	-0.5	48	+4	SW	3	o	2	0.01	48	43	o.c	cpd bc	c od.o	0.2		
	Pembroke (St. Ann's Hd.)	30.47	48	WSW	3	o	30.24	-0.7	49	+3	WSW	6	ogq	4	Trace	50	43	on	ov	o bcq	0.0		
	Newquay	30.52	46	WSW	2	ofd	30.35	-0.3	48	+1	W	4	o	3	0.04	49	45	c bec	o	opd	0.5		
	Scilly (St. Mary's)	30.54	49	NNW	3	cqp	30.40	-0.3	49	0	W	5	bc	2	0.01	53	46	ov	cqp	cqp.be	1.9		
	Jersey (St. Aubin)	30.54	44	N	2	cm	30.43	*	44	-4	W	3	cm	2	0.01	51	39	om.o	o.c.m	becm.p	0.0		
	Portland Bill	30.50	47	WNW	4	od	30.35	-0.4	47	+6	W	4	b	3	-	48	41	be	be.c.o	o.c.be	*		
	Dungeness	30.45	43	WNW	3	o	30.28	-0.5	43	+3	W	3	b	2	-	46	82	co	be.o	o.c.b	*		
	Dover	30.42	43	NW	2	o	30.24	*	40	-1	WSW	4	b	2	Trace	46	36	o bc	be.c.o	o.c.be	1.1		
	Wick	29.89	44	SW	4	o	29.63	-0.9	39	-4	SW	4	bcq	4	0.05	46	37	be.c	c.ogd	cqp.be	*		
	Nairn	29.96	46	WSW	3	odq	29.75	*	43	-1	W	5	bcq	4	0.03	48	39	cu	cp	bcq	0.5		
	Aberdeen	29.99	47	WSW	5	c	29.78	-0.9	38	-1	S	2	b	2	0.04	47	37	c	c.o.c	c.opab	0.6		
	Leith	30.10	47	WSW	3	o	29.88	-0.9	43	-2	WSW	3	bc	*	Trace	48	42	o.c	od.c.o	o.c	*		
	North Shields	30.24	46	W	3	c	29.95	-0.9	43	+5	W	3	o	2	-	48	37	c	c	c.ome	3.6		
	Spurn Head	30.28	42	W	4	bc	30.06	-0.3	42	+2	W	5	c	4	-	44	40	g	bc.m	bc	4.1		
	Yarmouth	30.36	42	W	2	ome	30.18	-0.2	41	+1	W	2	om	1	0.01	43	37	cm	bc	bc.ome	4.0		
	Clacton-on-Sea	30.40	42	W	2	om	30.21	-0.4	40	-1	W	3	c	2	-	44	36	om.b.c	b.b.c.	c.b.c.	2.2		
	Nottingham	30.38	41	W	3	c	30.14	*	46	+12	WSW	2	o	*	-	46	32	f.m.o	om.c	c.b.c.	0.0		
	Bath	30.48	41	W	2	b	30.28	*	47	+9	W	4	o	*	-	47	35	om.c.m	om.c.b	b.o	0.0		
	London (Kew Obsy.)	30.45	42	SW	2	o	30.26	-0.4	40	-2	SW	2	bc	*	Trace	43	36	om.ond	om.d	o.b.c.b.c	2.3		
ICELAND, FAEROE, &c.	Spitzbergen																						
	Isafjord	29.69	20	N	4	o	29.50	+0.1	17	-11	N	9	o	*	*	*	*	*	*	*	*	*	
	Reykjavik	29.40	31	-	0	s	29.34	+0.3	23	-13	NNW	8	bc	*	*	*	*	*	*	*	*		
	Vestmanna	29.43	30	WNW	8	bc	29.21	-0.1	24	-11	NNW	4	b	2	*	*	*	*	*	*	*		
	Seydisfjord	29.07	34	WNW	8	c	28.98	-0.2	23	-13	SW	8	c	*	*	*	*	*	*	*	*		
SCANDINAVIA.	Thorsbavn	29.62	41	W	7	c	29.22	-0.8	32	-11	WNW	10	s	*	*	*	*	*	*	*	*		
	Haparanda	29.68	2	N	4	b	29.62	-0.2	-11	-24	N	2	b	*	-	14	-13						
	Hernösand	29.77	9	N	2	b	29.50	-1.2	23	+1	SE	6	s	*	0.04	30	3						
	Stockholm	29.77	22	NW	2	b	29.47	-1.1	26	+1	SE	4	s	*	0.04	27	18						
	Wisby	29.76	32	NNW	6	b	29.48	-1.6	27	-6	ESE	2	s	*	0.12	34	25						
	Karlstad		33	WNW	2	b	29.42	.00	32	+4	NW	2	bc	*	0.12	36	18						
	Vardö																						
	Bodö	29.57	19	E	2	b	29.32	-0.7	19	-9	E	5	b	2	-	28	16						
	Christiansund	29.48	30	SSE	7	o	29.27	-0.7	38	+1	W	4	r	5	0.32	38	32						
	Skudesnaes	29.76	45	W	8	o	29.60	-0.4	43	+4	WSW	8	o	5	0.32	45	27						
GERMANY, &c.	Færder (X'lania Fjord)	29.80	38	W	3	o	29.49	+0.2	39	0	WNW	2	o	3	0.04	39	37						
	The Scaw (Skagen)	29.84	41	W	2	r	29.56	+0.1	42	+2	WNW	7	c	2	0.04	43	37						
	Blaavands Huk	30.00	42	WNW	5	o	29.80	-0.3	42	+1	WNW	3	c	2	Trace	43	39						
	Cuxhaven	30.15	41	W	4	o	29.92	-0.4	41	+1	W	6	r	3	0.04	43	39						
	Berlin	30.13	36	W	3	o	29.97	-0.4	38	+1	SW	4	o	*	Trace	38	36						
	Frankfurt	30.42	30	SW	4	T	30.30	-0.3	35	+7	SW	6	m	*	0.04	36	28						
	Munich	30.45	28	SW	4	o	30.57	-0.2	31	+4	SW	4	bc	*	0.08	32	27						
	The Helder	30.33	42	WSW	3	c	30.08	-0.4	43	0	WSW	3	r	2	0.08	45	42						
	Brussels	30.21	39	WSW	2	g	30.28	-0.2	37	+1	WSW	3	o	*	0.04	40	38						
	C. Gns Nez	30.43	45	W	4	c	30.27	-0.6	46	+3	WSW	6	o	5	-	46	44						
FRANCE.	La Hève	30.51	45	WNW	2	m	30.39	*	43	-1	W	4	o	3	-	48	39						
	Ushant	30.66	52	NE	3	o	30.47	*	51	0	NW	3	o	3	-	54	46						
	Brest (St. Mathieu)	30.60	48	N	1	o	30.80	-0.1	47	0	SW	3	o	3	0.04	52	45						
	Lorient (Bec Melen)	?	47	NE	3	o	?	*	48	+2	NW	1	o	1	-	48	39						
	Rochefort (Ile d'Aix)	30.52	38	ENE	1	m	30.51	-0.1	39	+1	-	0	o	*	-	39	36						
	Biarritz																						
	Paris	30.50	36	-	0	g	30.42	-0.2	34	0	SSW	2	o										



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

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
Districts 0, 5 and 9 at 2.40 p.m. today.
Districts 7, 8 and 10 at 8.45 a.m. today.

Western Channel and Bay. 11

FURTHER OUTLOOK.

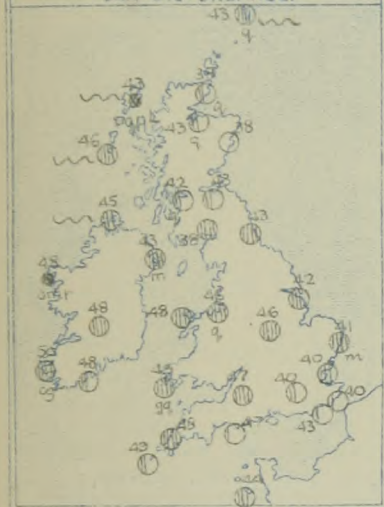
NONE ISSUED.

SYNOPTIC CHART FOR 7 a.m., SUNDAY, 4TH

JANUARY, 1914.

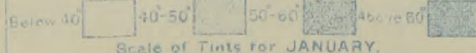
GENERAL INFERENCE.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Scale 1:250,000
Nautical Miles
Statute Miles

Normal Temperature of the Sea



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 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 ~~~~~

Sunday, 4th January, 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.	
4th, Tam.	51	23	Alaunia Minnetonka Royal George Haverford	0	30.14	-03	SW	6-7	0	3rd, Tam.	49	28	Sr. Paul Haverford Minnetonka Baltic Cameronia	0	?	-01	E	1-3	?
3rd, 6pm.	51	19		0	30.44	-05	SW	6-7	0	51	20	0	30.40	-04	SW	4-5	0		
" "	49	16		H	30.61	-03	SW	4-5	0	" "	49	20	H	30.64	00	SSW	4-5	0	
" Tam.	50	29		0	30.44	+02	?	?	?	" "	51	16	0	30.62	-06	WSW	4-5	0	
3rd, 6pm.	50	24	0	30.29	00	SW	4-5	0	" "	53	28	0	30.44	+06	WNW	4-5	0		

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. °			Hr.
	{ St. Andrews				*	*			{ Ramsgate						
Eng. N.E.	{ Harrogate	1	43	36	bc.b.	b bc.o.	4.6		{ Folkestone	0.01	46	39	om.b.	bm.om	0.6
	{ Scarborough	*							{ Littlestone	*	*	*	*	*	1.6
Eng. N.W.	{ Morecambe	~	44	35	cc	cc	0.0		{ Hastings	0.02	47	40	op.bc.b.	b bc.	2.5
	{ Blackpool	Trace	46	41	cg.o	o	0.0		{ Bexhill-on-Sea	1	47	40	o	bc.b.o	2.5
	{ Southport	1	43	41	o	o	0.0		{ Eastbourne	1	47	41	o	o bm.	2.0
Mid- lands.	{ Buxton	0.01	43	38	o-cr	c	0.0		{ Seafood	1	46	40	o	bc.	2.6
	{ Leamington Spa	1	45	32	o	c.b.o.	0.6		{ Brighton	0.01	47	39	om	bcy	3.4
	{ Malvern	1	46	41	o bc.	b	1.8		{ Worthing	1	48	37	*	*	4.2
Wales.	{ Rhyl	1	46	43	bc	bc.c.	1.1		{ Littlehampton	1	*	*	*	*	4.6
	{ Colwyn Bay								{ Southsea						
	{ Llandudno								{ Ryde						
	{ Bettws y-Coed								{ Ventnor				*	*	5.2
	{ Aberystwyth	1	45	42	o.c.o.	o.om	0.0		{ Bournemouth	1	48	36	b bc	bc.o	0
England, E.	{ Tenty	1	47	44	o	o	0.0		{ Hythe	1	46	39	fc.	bm	0
	{ Lowestoft								{ Weymouth	1	50	39	bz	bc	4.3
	{ Felixstowe		45	33	c.bm	bm.o.	2.2		{ Exmouth		48	37	bc.c.	c	0.0
	{ Walton-on-Naze	1	44	39	om.c.	om.b.o.	2.2		{ Teignmouth	1	48				?
	{ Southend-on-Sea	1	46	34	o.bc.	bc	2.0		{ Torquay		48	43	bc	bc	0.0
							{ Falmouth	1	48	45	gc	o	0.0		
							{ Bude	0.02	48	44	oe	oe	0.0		
							{ Ilfracombe	0.02	48	45	o	o	0.0		
							{ Weston-super-Mare								

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

4th 25th Jan. 1814.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	8.5	11.58	3.50
		8.5	11.58	3.51
Greenwich	...	8.8	12.5	4.2
		8.7	12.5	4.3
Wick	...	9.3	12.17	3.30
		9.2	12.17	3.32
Valencia	...	8.50	12.46	4.41
		8.50	12.46	4.42

Temperature rose to above 45° in almost all parts of the United Kingdom, and touched 53° at Scilly. Rain, mostly slight, fell in the west and north and in a few other parts of the country, and rain or snow in central and northern Europe. Little bright sunshine was recorded except at some stations on the south and south-west coasts and at Harrogate and Spurn Head.

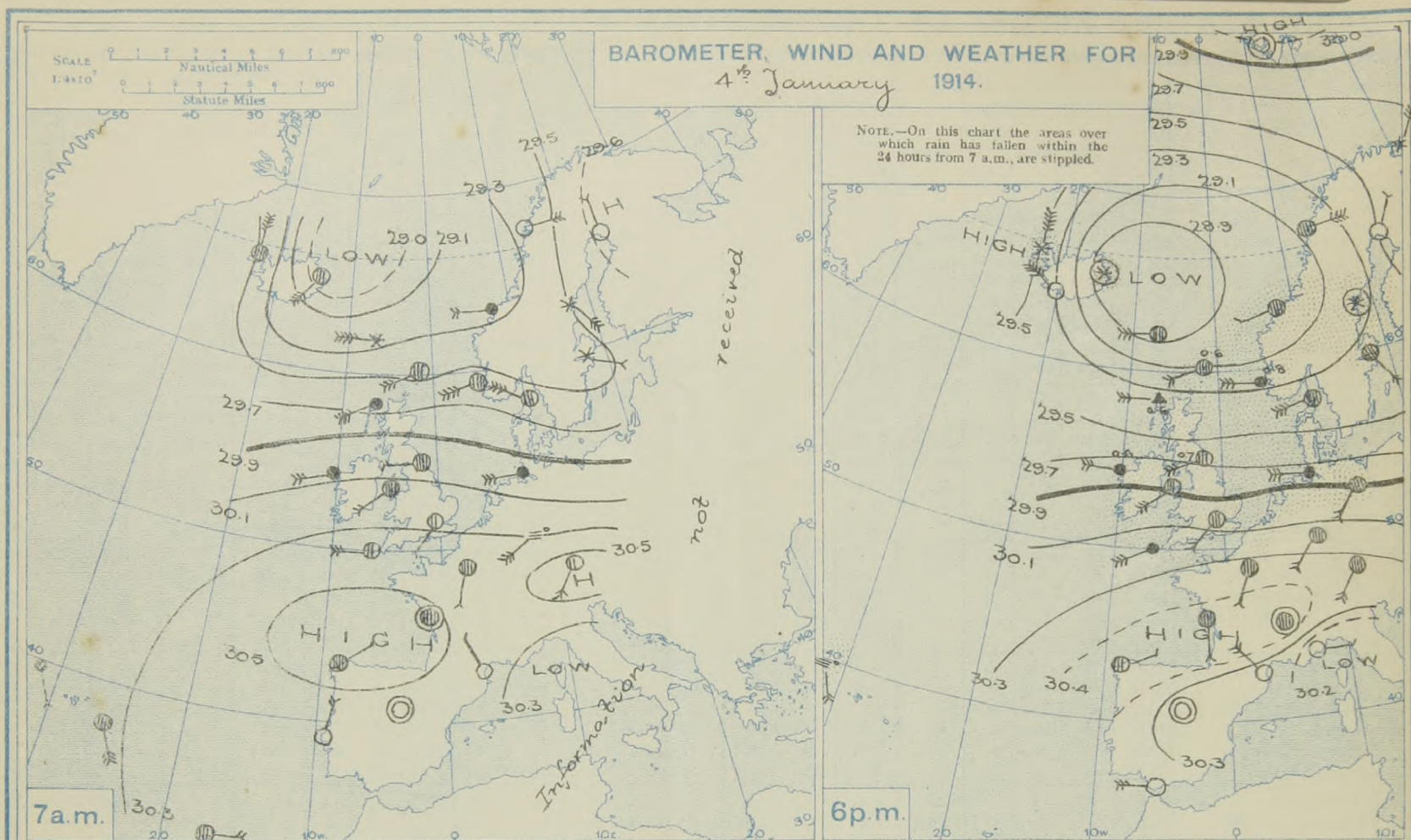
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, glow; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; 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.

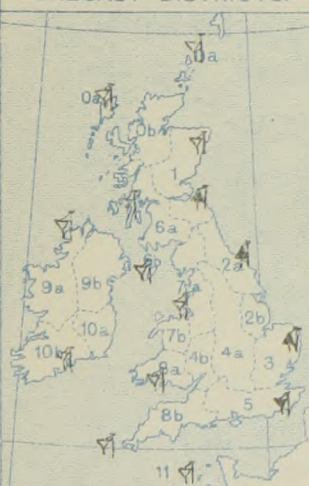
Monday,
5th January, 1914.

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.		
		In.	F.				In.	F.													Hours.	
BRITISH ISLANDS.	Lerwick	29.10	38	WSW	4	og	28.87	-05	35	-8	WNW	3	c	2	0.55	44	31	Hrop	opsh	cpbg	*	
	Stornoway	29.36	36	W	6	chmp	29.25	-02	35	-8	N	6	cpshq	6	0.55	43	33	cap	cap	cpbg	0.0	
	Castletay (Barra Isd.)	29.45	42	WNW	7	cp	29.36	-01	39	-7	W	7	bc	6	0.07	47	35	op	op	chpbc.	0.0	
	Glasgow	29.52	43	WSW	4	od	29.47	00	32	-10	WSW	4	os	*	0.48	43	31	or	or	odpqs	0.0	
	Eskdalemuir	29.59	42	SW	4	or	29.53	00	31	-7	SW	1	os	*	0.74	43	29	or	or	otg os	0.0	
	Malin Head	29.54	44	W	7	o	29.46	00	36	-9	W	8	o	8	0.27	46	35	omr	omgp	ogps	*	
	Blacksod Point	29.75	51	W	5	cgmp	29.71	-02	40	-8	WNW	6	bcqph	4	0.57	51	36	ogmr	ogmr	cmgph	*	
	Valencia	29.96	50	SW	6	omr	29.87	-02	44	-6	WNW	5	cp	5	0.32	52	41	c	cmr	mr.c.b	1.5	
	Roche's Point	30.01	49	W	4	c	29.86	*	41	-7	MNW	3	b	2	0.09	51	41	bc.c	bc.c	c.od.b	*	
	Birr Castle	29.83	47	SW	5	o	29.76	*	34	-14	SW	2	b	*	0.16	49	33	od	odq	otq.bx	0.0	
	Donaghadee	29.63	49	W	4	omgr	29.58	-05	34	-9	W	4	bg	4	0.32	50	33	omr	omgr	opbcq	*	
	Liverpool Obsy.	29.80	49	WSW	6	o	29.64	00	40	-6	W	6	cg	5	0.15	52	39	oge	og	otq	0.0	
	Holyhead	29.89	47	SW	5	cgq	29.72	-02	40	-8	W	5	bcq	6	0.05	50	40	op.cgm	ocpq	ocb.bc.	0.0	
	Pembroke (St. Ann's Hd.)	29.98	49	SW	6	c	29.81	-01	43	-6	NW	4	cgq	5	0.29	51	41	ogq	ogmp	cg	0.0	
	Newquay	30.15	47	WSW	4	o	29.85	00	45	-3	WSW	2	r	3	0.14	50	44	ocpbc	bc.c	op	1.5	
	Scilly (St. Mary's)	30.18	48	WSW	6	cgq	29.87	-08	50	+1	W	7	ogp	6	0.03	51	46	bcv	cp	cg.cq	3.5	
	Jersey (St. Aubin)	30.28	47	SW	5	op	30.00	*	48	+4	SW	5	ogme	4	0.11	50	44	c.op	c.op	ompo.	2.1	
	Portland Bill	30.14	48	WSW	5	bc	29.80	-06	47	0	WSW	8	c	5	trace	49	46	bc	bc.c	bc.cd	*	
	Dungeness	30.12	46	SW	4	c	29.78	-06	46	+3	SW	7	ru	6	trace	47	42	bee	c	c.cq	*	
	Dover	?	45	WSW	4	c	29.74	*	47	+7	SW	6	c	6	trace	48	40	bc.b	b.bc.c	boe.rc	5.2	
	Wick	29.27	38	SW	4	o	29.10	-01	34	-5	W	5	cgps	5	0.21	42	30	cgp.or	omgp	cgps	*	
	Nairn	29.34	39	WSW	3	o	29.25	*	33	-10	W	2	cg	2	0.20	43	31	gdc	bc	gcs	0.0	
	Aberdeen	29.37	41	SW	4	b	29.27	-01	34	-4	WSW	5	b	2	0.02	44	33	bc.c	bc.b	bc.opq	0.0	
	Leith	29.53	45	WSW	4	r	29.42	-03	35	-8	WSW	2	s	*	0.10	45	34	oc	or	ot.cs	*	
	North Shields	29.59	53	WSW	5	c	29.52	+02	35	-8	WNW	4	c	2	0.08	53	34	cd	c	crs	0.0	
	Spurn Head	29.75	48	W	6	c	29.57	+01	40	-2	WNW	6	cgf	5	0.05	48	39	c	cg	cg	0.0	
	Yarmouth	29.94	47	W	1	cm	29.64	+01	44	+3	W	3	or	4	0.10	49	41	om	cm	bcm.op	0.0	
	Clacton-on-Sea	30.03	45	SW	4	om	29.67	-08	45	+5	SW	4	o	3	*	47	39	cm	c.om	om.bc.o	0.0	
	Nottingham	29.87	50	WSW	6	o	29.67	*	40	-6	W	4	or	*	0.26	50	40	om	o	o.e.b.	0.0	
	Bath	30.08	47	WSW	6	o	29.78	*	45	-2	W	3	r	*	0.07	52	45	ode	cogpd.	gopd.r	0.7	
	London (Kew Obsy.)	30.06	47	SW	3	c	29.72	-07	49	+9	WSW	4	o	*	trace	49	40	bc.c.o	o.c.	c.o.c.o	0.0	
ICELAND, FAEROE, &c.	Spitzbergen	30.00	-16	-	0	b	29.97	00	-16	?	SE	1	b	*	-	-13	-20	GALES.				
	Isafjord	29.52	19	N	10	s	29.80	+13	27	+10	NE	9	o	*	*	*	*	Duration and Extreme Force				
	Reykjavik	29.38	22	MNW	6	c	29.62	+12	32	+9	NE	8	b	*	*	*	*	in British Islands				
	Vestmanna	29.25	21	MW	9	b	29.49	+13	32	+8	N	1	b	3	*	*	*	Stomax. During night.				
	Seydisfjord	28.81	30	-	0	s	29.38	+19	31	+8	NE	5	s	*	*	*	*	Squalls 8.				
SCANDINAVIA.	Thorsbavn	28.86	36	W	6	o	28.89	+03	25	-7	N	2	b	*	*	*	*	Castletay 22				
	Haparanda	29.57	-18	NE	2	b	29.38	-04	-13	-2	NE	4	o	*	-	-11	-20	Extreme W 8.				
	Hernösand	29.19	23	-	0	s	29.42	-10	21	-2	NE	4	r	*	0.32	27	18	Malin Head. 20-7				
	Stockholm	29.34	29	SSE	4	o	28.86	-12	34	+8	SSW	4	r	*	0.28	34	25	Extreme WNW 10 at 24				
	Wisby	29.41	34	N	4	bc	28.98	-16	37	+10	S	2	o	*	0.08	37	27	Holyhead. Between 18 and 21				
	Karlstad	29.27	35	-	0	o	28.80	-12	36	+4	-	0	o	*	-	41	25	Extreme SW 8.				
	Vardö	29.65	20	NE	6	s	29.41	00	17	?	ENE	4	o	3	?	21	17	Pembroke 23-3				
	Bodö	29.12	18	E	8	o	29.06	-01	16	-3	E	8	b	4	-	19	10	Extreme SW 8.				
	Christiansund	29.04	35	WSW	1	o	28.80	-05	35	-3	-	0	s	5	0.39	38	34	Jersey 2-4				
	Skudesnaes	29.18	40	W	6	r	28.91	-05	37	-6	WNW	9	r	5	0.75	45	34	Extreme SW 8.				
GERMANY, &c.	Færder (X'lania Fjord)	29.22	41	SW	6	b	28.82	-08	39	0	WSW	6	o	3	-	41	39	Wick 8-10				
	The Scaw (Skagen)	29.34	40	WSW	7	o	28.97	-04	39	-3	W	6	bc	2	0.08	43	37	Extreme SW 8.				
	Blaavands Huk	29.54	42	W	3	r	29.25	-02	41	-1	WSW	6	m	5	0.08	45	39	Aberdeen 22 and 6				
	Cuxhaven	29.74	42	W	6	r	29.45	-07	42	+1	WSW	8	r	5	0.28	45	41	Squalls 44 mph (8) and 42 mph (8).				
	Berlin	29.89	40	SW	3	o	29.65	-04	40	+2	SW	3	o	*	0.08	41	37	Hexham 14-20				
FRANCE.	Frankfurt	30.21	36	SW	3	o	30.00	-04	36	+1	SW	4	r	*	trace	37	34	Extreme W 9 at 17				
	Munich	30.31	34	SW	4	o	30.19	-04	31	0	SW	4	o	*	-	36	30	Susts 65 mph (11)				
	The Helder	29.89	45	SW	4	r	29.57	-08	46	+3	SW	7	r	4	0.04	46	43	Nottingham 1				
	Brussels	30.12	42	SW	4	r	29.85	-06	43	+6	SW	6	r	*	0.04	44	37	Extreme WSW 8.				
	C. Gris Nez	30.10	47	WSW	6	c	29.78	-09	47	+1	SW	7	r	7	-	48	46	Southport 18-24				
	La Hève	30.23	45	WSW	4	o	29.45	*	42	-1	SW	6	o	5	-	46	39	Extreme W 8.				
	Ushant	30.27	51	W	4	o	30.04	*	50	-1	W	6	o	7	-	51	46	Susts 58 mph (10).				
	Brest (St. Mathieu)	30.33	48	WSW	4	o	30.08	+05	50	+3	WSW	5	o	4	0.08	52	46					
	Lorient (Bec Melen)	?	47	W	2	c	?	*	50	+2	W	4	o	5	-	50	43					
	Rochefort (Ile d'Aix)	30.44	41	S	2	o	30.24	-04	46	+7	SW	4	bc	*	trace	46	39					
SPAIN, PORTUGAL, &c.	Biarriz	30.45	38	ENE	2	o	30.37	-01	34	?	E	2	c	1	-	39	32.					
	Paris	30.31	40	SSW	2	o	30.10	-04	40	+6	SW	4	o	*	trace	41	34					
	Belfort	30.43	28	-	0	m	30.23	*	32	+7	WSW	4	o	*	-	32	25					
	Lyons	30.47	30	-	0	p	30.34	*	32	?	W	1	o	*	-	34	30					
	Nice	30.16	43	E	1	b	30.04	-08	45	+3	NE	1	b	2	-	54	41					
SPAIN, PORTUGAL, &c.	Perpignan	30.27	42	WNW	4	b	30.17	00	40	-2	NW	2	b	*	-	49	36					
	Sanguinaire	30.20	47	E	2	b	30.15	*	48	?	E	3	b	5	-	52	41					
	Corunna (8 a.m.)	30.45	52	ENE	1	c																



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

S. Cone hoisted in districts 7 & 10, 8 & 11 at 3.45 a.m., and in districts 2, 6, 9 and part of 1 at 7.25 p.m. y/day. N. Cone hoisted in Districts 2 & 3 and part of 1, and S. Cone in District 5 at 3.38 a.m.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Westerly and North-Westerly winds, squally, strong to a gale at times; changeable, some rain, hail or snow; colder.

South-Westerly and Westerly winds, squally, strong to a gale at times; changeable, some rain; mild.

Same as Nos. 0 to 4.

South-Westerly and Westerly winds, squally, strong to a gale at times; rough sea; changeable, some showers; mild.

DAILY WEATHER REPORT.

Monday, 5th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- ome- ward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- ome- ward	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.	
4th, 6 p.m.	51	13	Lusitania	0	29.7	-0.9	WSW	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.			Hr.	(Margate)	In.	F.	F.			Hr.
(Oban)							(Ramsgate)						
(St. Andrews)							(Folkestone)						
Eng. N.E.							(Littlestone)						
(Harrogate)	0.09	48	41	op	opg	0.0	(Hastings)						
(Scarborough)	*	49	41	of	of	0.0	(Bexhill-on-Sea)						
Eng. N.W.							(Eastbourne)						
(Morecambe)							(Seaford)						
(Blackpool)	0.13	47	45	ag	c.og	0.0	(Brighton)						
(Southport)	0.07	48	42	of	o	0.0	(Worthing)						
Mid- lands.							(Littlehampton)						
(Buxton)							(Southsea)						
(Leamington Spa)		49	36	o	o	0.0	(Ryde)						
(Malvern)		50	47	o	ec	0.0	(Ventnor)						
Wales.							(Bournemouth)						
(Rhyl)	0.02	52	42	o	c	0.4	(Weymouth)						
(Colwyn Bay)	0.03	51	45	bc.c.	bc.c.	0.0	(Exmouth)						
(Llandudno)	0.04	50	46	o	bc	0.0	(Teignmouth)	0.01	51	40	cp	cp	2.0
(Bettws-y-Coed)							(Torquay)		49	41	bc	c	1.9
(Aberystwyth)	0.02	47	43	ond	om	0.0	(Paignton)						
(Tenby)							(Falmouth)	0.08	51	42	c.bp	bc	1.9
England, E.							(Bude)	0.13	51	47	p	p	1.1
(Lowestoft)	0.01	48	36	o.c.	c.	0.0	(Ilfracombe)	0.03	50	45	o.c.	o.c.c.	0.2
(Felixstowe)		47	37	cm.o.	m.o.c.	0.1	(Weston-super-Mare)		48	41	c.bc.b.	bc.c.	0.5
(Walton-on-Naze)		47	41	c.o	com.c.o.	0.0							
(Southend-on-Sea)		46	35	o	o	0.2							

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.) ...	82	89	0.0	50	43	40	0.06	o	o	o.g. of.
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	85	98	0.0	50	43	39	0.06	o	o	o. of.
Camden Sq. (Brit. Rainfall)	*	98	0.0	50	42	38	0.06	*	*	*
Hampstead (Reservoir) ...	*	96	0.0							
Richmond Park ...	*	*	0.0							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.		Max. Rate.			
				79 Joules	2.8 Milliwatts.		0.5 Milliwatts.			

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	In. Trace	F.° 51	F.° 45	F.° 44	c.og	ogp	c.ogp	Hr. *
Plymouth to 9 p.m.								
Darwen "								
Manchester "								
Birmingham "	—	48	37	32	*	o	o	o.0
Oxford to 8 p.m.	— *	49	34	27	obm. to	c. o.	og.	*
S. Kensington (Museum Grounds to 6 p.m.)	Trace	49	37	27	o	om	o	

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

Station.	Sunrise.	Noon.	Sunset.
5th Jan., 1914.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	8.5	11.58	3.51
	8.5	11.59	3.52
Greenwich ...	8.7	12.5	4.3
	8.6	12.6	4.5
Wick ...	9.2	12.17	3.32
	9.1	12.18	3.34
Valencia ...	8.50	12.46	4.42
	8.50	12.47	4.43

NOTES ON YESTERDAY'S WEATHER.

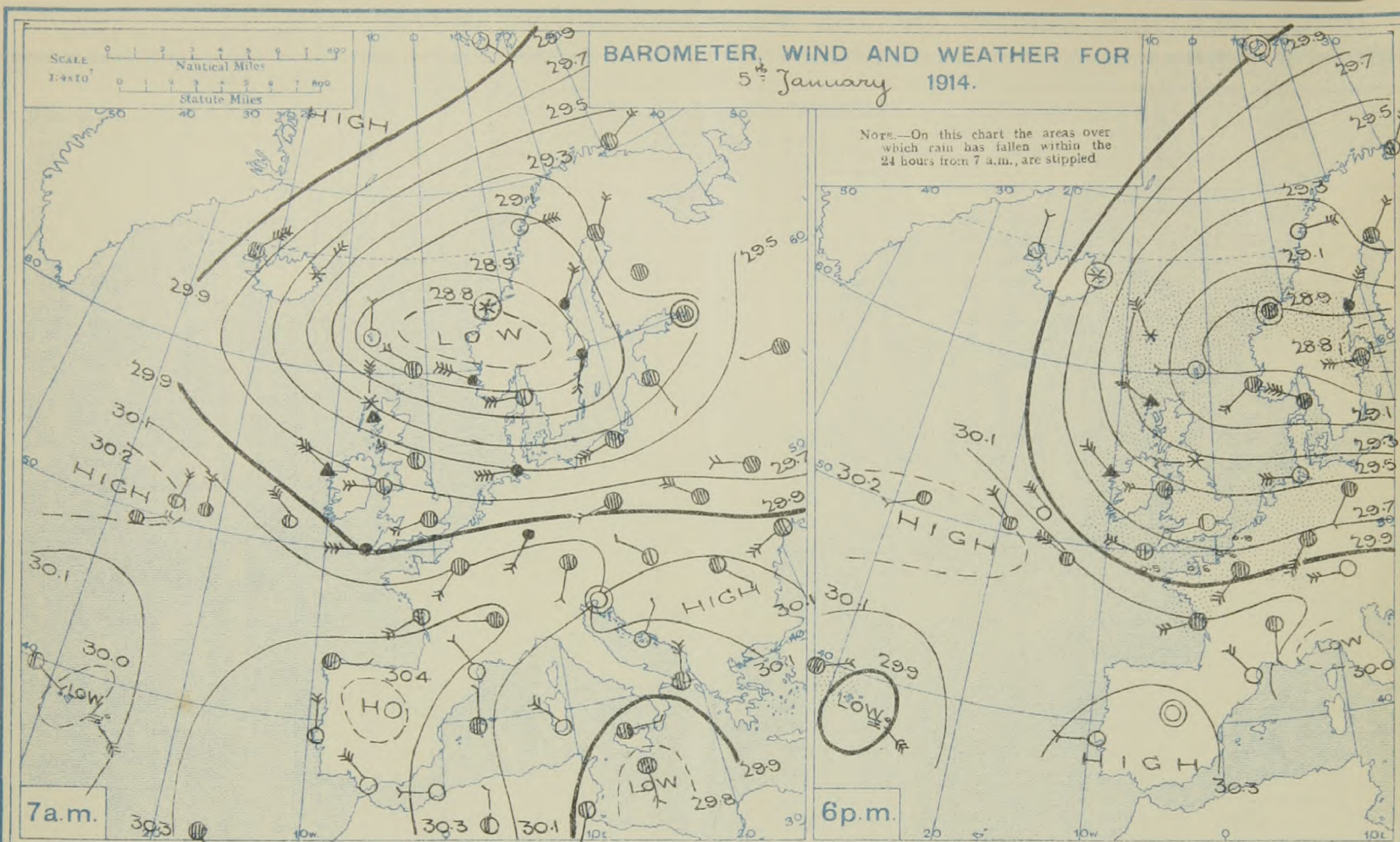
Temperature rose to 50° and upwards in many parts of these Islands, to 53° at Shields. Rain was general, $\frac{1}{2}$ in. to $\frac{3}{4}$ in. in the north-west and north. Many places had no bright sunshine, but over southern England the records ranged upwards to 3½ hours at Scilly, and over 5 hours at Dover. A Westerly gale was felt in many places, a whole gale at Malin Head. At Southport gusts of 58 m.p.h., and at Hexham 65 m.p.h. were experienced.

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.

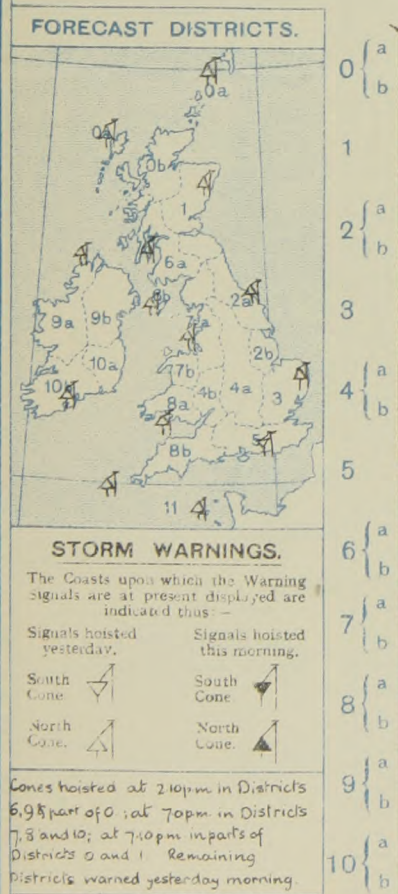
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

Tuesday,
6th January, 1914.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.



Wind between West and North, squally, strong to a gale at times in many places; very changeable, various forms of cold precipitation; frost at night.

Western Channel and Bay. 11

North-Westerly winds, squally, strong to a gale at times; rough sea; changeable, some cold precipitation.

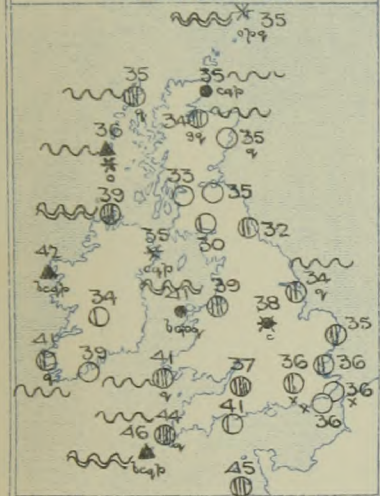
FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 6th JANUARY, 1914.

GENERAL INFERENCE.

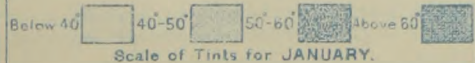
A deep depression over Southern Norway is moving slowly southward or south-eastward, and a rough Northerly type of weather is likely to continue.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



SCALE 1:200,000
Nautical Miles 0 1 2 3 4 5
Statute Miles 0 1 2 3 4 5

Normal Temperature of the Sea.



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 2/3 clouded, ○ overcast sky, ● rain falling.

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

SEA DISTURBANCE.—Rough ~ High ~.

DAILY WEATHER REPORT.

Tuesday, 6th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	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.	
6th, Jan.	51	13	Compagnie	H	30.24	+0.1	NW	4-5	bc.	5th, Jan.	49	27	Merion	H	30.20	-0.1	ENE	4-5	c.
"	49	13	Compagnie	O	30.00	+0.4	WNW	6-7	c.	"	50	24	Compagnie	H	30.28	0.0	NNE	4-5	bc.
5th, 6pm.	50	27	Compagnie	O	30.26	-0.1	WSW	1-3	c.	"	50	21	Compagnie	O	30.13	+0.2	N	4-5	bc.
"	50	19	Compagnie	H	30.24	-0.2	NW	4-5	c.	"	51	13	Tunisienne	O	29.91	-0.1	NW	6-7	bc.
"	51	16	Compagnie	O	30.00	0.0	NW	6-7	b										
"	49	11	Compagnie	O	29.97	-0.1	WNW	4-5	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)	0.12	46	31	os. hq.	hq. s	0.2	Margate	0.21	44	37	of	c.	0.0	
	(St. Andrews)	-	44	31	cs. bc	b	1.1		(Ramsgate)	0.26	47	37	*	*	0.0
Eng., N.E.	(Harrogate)	0.29	39	33	bc. ch	chpsq	2.9	Folkestone	0.18	46	38	r	r. o	0.0	
	(Scarborough)	*	43	40	c. b.	c.	3.2		(Littlestone)	*	*	*	*	*	0.0
Eng., N.W.	(Morecambe)	-	43	38	b	bc	3.3	Hastings	0.20	48	38	op	of. c.	0.0	
	(Blackpool)	0.08	48	40	cph	cg	3.0		(Bexhill-on-Sea)	0.15	48	39	og/r	r. o	0.0
	(Southport)	0.06	42	38	c. c. o.	chq. c. o.	3.0	(Eastbourne)	0.18	50	39	ow. r	og	0.0	
	(Seaford)							(Brighton)	0.15	48	44	of. o	o	0.0	
Mid- lands.	(Buxton)	0.87	43	33	c. or	bc.	0.5	Worthing	0.13	48	40	d	o	0.0	
	(Leamington Spa)	0.21	42	39	c. c.	c. b. o.	0.6		(Littlehampton)	0.10	*	*	*	*	0.0
	(Malvern)	0.29	41	38	c. c.	bc.	?	(Southsea)	0.07	49	39	r	r	0.0	
	(Rhyl)	0.11	42	37	c. bc.	bc. o.	2.5	(Ryde)	0.18	50	40	ot	o	0.0	
Wales.	(Colwyn Bay)	0.19	41	38	bc. b.	ph. bc.	2.0	Ventnor	0.18	51	39	*	*	0.0	
	(Llandudno)	0.20	45	39	c.	bc.	1.8		(Bournemouth)	0.10	47	38	r. d.	o. c.	0.0
	(Bettws-y-Coed)	0.18	45	40	r. o. c.	c. oh	1.7	(Hythe)	0.20	49	39	r. ou	og	0.0	
	(Tenby)	0.43	43	38	c. c.	bc.	1.5	(Weymouth)	0.12	45	40	od. c.	c	0.0	
England, E.	(Lowestoft)	0.19	41	38	of. c.	c. bc. c.	1.0	Exmouth	0.12	46	40	bc. c.	c. bc.	0.0	
	(Felixstowe)	0.07	42	37	m. or	m. bc. b.	0.0		(Teignmouth)	0.14	46	41	ot. cp	c	0.0
	(Walton-on-Naze)	0.08	47	37	o. or	c. bc.	0.0	(Torquay)	0.11	46	42	ot	o	0.0	
	(Southend-on-Sea)	0.08	47	41	b	o	0.0	(Paignton)	0.13	46	40	od. cp	bc	1.5	
								(Falmouth)	0.27	49	40	r. d.	d. o	0.0	
							(Bude)	0.37	51	41	r. o. bc	bc. r. h	0.1		
							(Ilfracombe)	0.36	46	41	r. o. c.	o	0.3		
							(Weston-super-Mare)	0.30	44	38	d. bc.	b. 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.		Max.	Min.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	80	82	0.0	45	34	27	0.04	op. o.	b. bc.
City (Banhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	81	77	0.0	46	35	31	0.03	or.	b. bc.
Camden Sq. (Brit. Rainfall)	84	86	0.0	45	34	27	0.04	or. o.	c. bc.
Hampstead (Reservoir) ...	*	80	0.0	45	32	21	0.03	or. o.	bc.
Richmond Park ...	*	*	0.0	*	*	*	*	*	bc. bc.
Kew. (See front page.)	*	*	0.0	*	*	*	*	*	*
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				118 Joules		4.1 Milli-watts.			

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night.	WEATHER.		Sun- shine for Yester- day.
		Max.	Min.		Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.12	46	36	34	q. b. b.	bc.	bc. p.
Plymouth to 9 p.m.	0.25	50	39	35	c. b.	or.	c. b.
Darwen "	0.15	47	34	32	or. u	ou. b. p.	ou. p.
Manchester "	0.39	39	36	*	or. u	c. c. o. or.	0.0
Birmingham "	0.17	45	33	34	r	c	c
Oxford to 8 p.m.	*	*	*	*	*	*	*
S. Kensington (Museum Grounds to 6 p.m.)	0.10	50	39	29	or. o.	c. c.	c. bc. b.

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

6th & 7th Jan. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	8.5	11.59	3.52
	8.4	11.59	3.54
Greenwich	8.6	12.6	4.5
	8.6	12.6	4.6
Wick	9.1	12.18	3.34
	9.0	12.18	3.6
Valencia	8.50	12.47	4.43
	8.49	12.47	4.44

NOTES ON YESTERDAY'S WEATHER.

Temperature turned 50° at a few southern stations, but many northern ones remained below 40°, Eskdalemuir not exceeding 32°. Precipitation was general. Some localities had about 3 hours of sunshine, most places little or none. A gale occurred on many coasts, Southport recording gusts of 63 miles per hour. As far west as the 30th meridian ships experienced North-Westerly to Westerly winds, a light breeze to a gale, with fair weather.

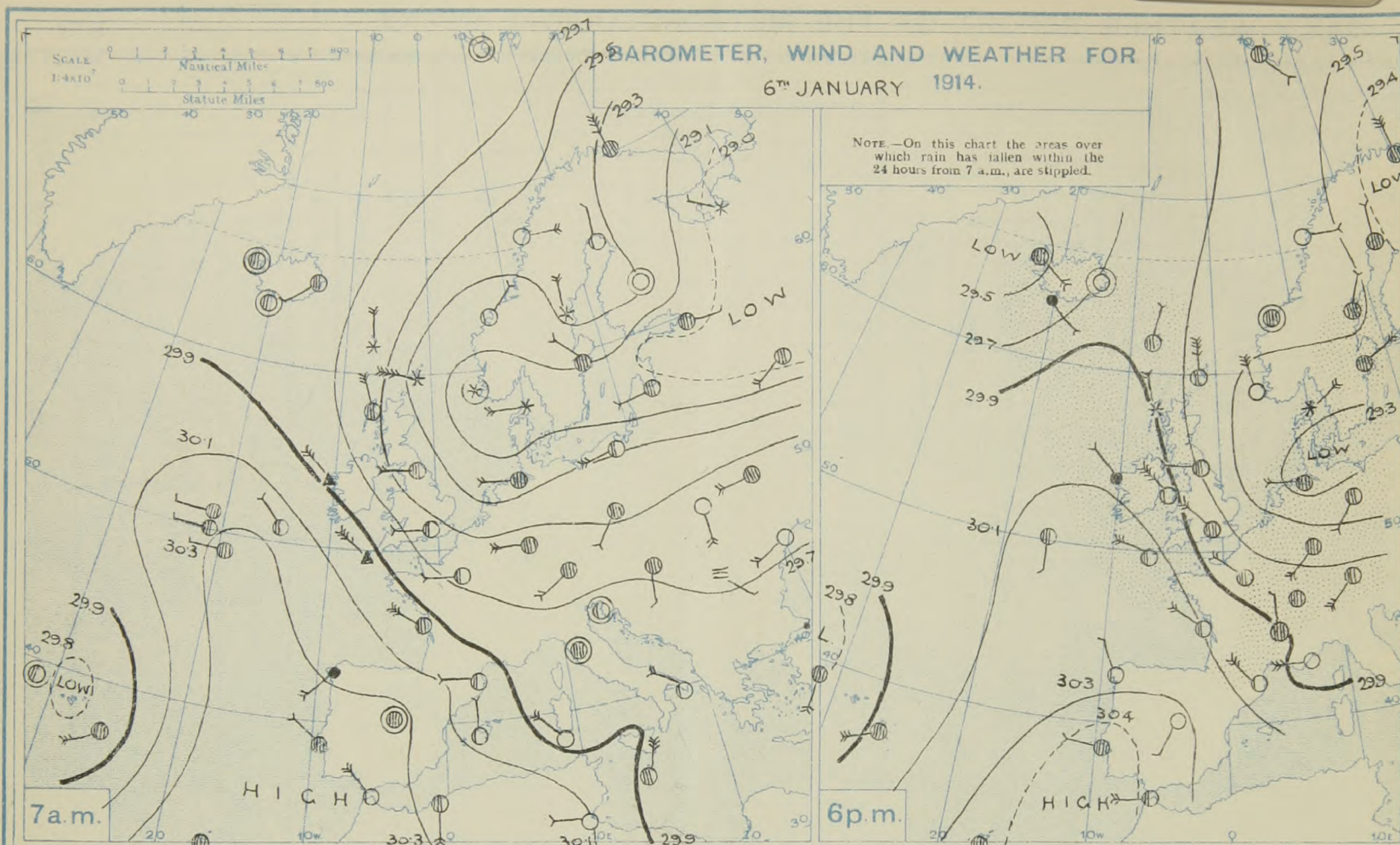
NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

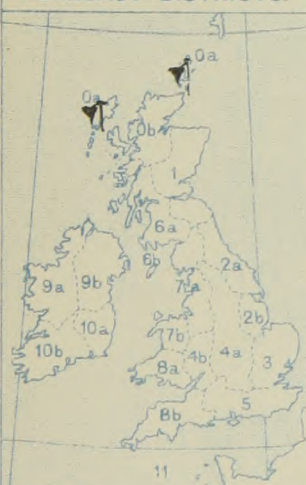
Wednesday
7th January, 1914.

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.	Wet Bulb.	Dir.				At 32° F. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	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.	F.														Hours.		
BRITISH ISLANDS.	Lerwick ...	29.68	34	N	8	bc	29.87	00	34	-1	SW	2	bcm	5	0.02	38	31	bcp sq	cp sq	bcp s. b.	*			
	Stornoway ...	29.92	34	NNW	3	bcp sq	29.90	-0.6	38	+3	SW	3	o	3	0.14	38	31	bcp sq	bcp sq	b. o.	1.9			
	Castlebay (Barra Isd.)	29.95	39	NNW	4	bchp	29.96	-0.4	45	+9	SW	4	o	4	0.09	45	35	bcp sh	bcp sh	b. b. o.	1.6			
	Glasgow ...	29.90	32	WSW	1	bz	30.08	00	28	-5	-	0	og	*	-	38	27	b. bc	b	b. oz	5.7			
	Eskdalemuir ...	29.86	31	NW	6	b	30.15	+0.5	24	-6	-	0	o	*	-	33	21	b	b	b. b. c.	5.7			
	Malin Head ...	29.94	37	NNW	6	og	30.05	-0.2	38	-1	WSW	2	bc	2	0.15	42	35	og	og	bcp	*			
	Blacksod Point ...	30.08	41	NW	2	cp	30.10	-0.1	44	+2	NNW	3	bc	3	0.04	45	36	bcp hq	bcp	cp b. c.	*			
	Valencia ...	30.16	43	NW	3	c	30.21	00	36	-5	NE	1	b	4	0.16	46	34	bcp h	cp	c. b. v.	3.2			
	Roche's Point ...	30.13	41	NNW	3	bp	30.24	*	33	-6	ENE	1	b	1	0.01	44	33	bcp	bcp b.	b. x	*			
	Birr Castle ...	30.07	36	W	1	bc	30.18	*	31	-3	W	1	m	*	-	40	31	bc	bc	b. x. f.	4.3			
	Donaghadee ...	29.94	37	NW	4	bc	30.12	+0.1	34	-1	NW	2	bc	2	0.12	41	31	bcp hq	bcp hq	bcp s. b.	*			
	Liverpool Obsy. ...	29.88	40	WNW	6	c	30.17	+0.4	38	-1	WNW	1	b	2	0.02	42	36	bcp hq	bcp	b. c.	3.3			
	Holyhead ...	29.95	43	NW	8	bq	30.17	+0.3	40	-1	W	1	b	2	-	43	39	c. bcp h	c. bcp	b. c. b.	2.7			
	Pembroke (St. Ann's Hd.)	30.04	42	WNW	6	c	30.21	+0.3	42	+1	NW	2	c	2	Trace	45	40	og	og	c. b. c.	2.7			
	Newquay ...	30.08	43	NNW	6	c	30.26	+0.3	38	-6	SE	1	b	4	0.01	45	38	cp b. c.	bcp	b. v.	4.1			
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	30.12	46	WNW	5	bcp	30.25	+0.2	43	-3	NW	2	bc	4	0.01	48	41	bcp hq	bcp	b. c.	3.5			
	Jersey (St. Aubin)	30.00	44	NW	4	bc	30.27	*	43	-2	NW	3	bc	3	0.02	46	40	cp q. c.	bc	b. c.	4.3			
	Portland Bill	29.93	40	NW	7	bc	30.21	+0.4	38	-3	NW	2	b	2	Trace	44	37	bcp	bcp	b. c. b.	*			
	Dungeness ...	29.76	38	NW	5	bc	30.14	+0.9	30	-6	WNW	2	b. x	1	-	40	28	bc	bc	b. x	*			
	Dover ...	29.72	37	NW	6	bc	30.12	*	32	-4	NW	4	b	2	0.01	39	30	b	bc	b. c. b.	6.3			
	Wick ...	29.79	32	NNW	6	s	29.93	-0.2	34	-1	SSW	3	o	4	0.07	37	27	cp s.	cp s.	bcp s. o.	*			
	Nairn ...	29.87	33	NW	2	og	29.97	*	35	+1	NW	1	o	2	0.18	35	29	sp. c.	chp	og	1.5			
	Aberdeen ...	29.76	35	NW	5	c	30.02	+0.1	31	-4	WSW	1	bc	2	0.11	37	30	og s. b.	bcp s. c.	bcp s. p.	2.3			
	Leith ...	29.86	35	W	1	c	30.05	+0.3	33	-2	WSW	1	bz	*	-	39	31	b. b. c.	b. b. c.	b. c.	*			
	North Shields	29.74	34	W	2	c	30.10	+0.4	29	-3	WNW	1	bc	2	-	36	27	c	c	c. b. c.	2.4			
	Spurn Head	29.66	37	NW	7	b	30.08	+0.2	33	-1	NW	5	bq	6	-	38	31	bcp	bcp	bq	5.0			
	Yarmouth ...	29.63	37	NW	3	bc	30.09	+0.8	34	-1	WNW	2	bc	1	0.19	43	33	bcm	bc	b. c. o. s.	5.4			
	Clacton-on-Sea	29.70	37	WNW	4	o	30.10	+0.9	32	-4	NW	3	b	1	-	40	32	bc	b. c. o.	b. c. b.	5.3			
	Nottingham ...	29.82	37	NW	4	b	30.16	*	30	-8	W	3	b	*	-	40	29	c. b. m.	b. m.	b	1.7			
	Bath ...	29.93	39	NW	2	b	30.24	*	31	-6	NW	1	bc	*	-	42	29	o. c. b. c.	p. b. c. b.	b. b. c.	4.0			
London (Kew Obsy.)	29.81	38	NW	4	o	30.20	+0.7	31	-5	NW	1	b. x	*	-	40	31	b. x. c. b. c.	bq. c. o.	b. b. c. b. x.	3.5				
SCANDINAVIA.	Spitzbergen ...	29.76	-7	SSE	2	c	29.75	+0.1	-4	+10	S	1	o	*	-	-4	-19	GALES. Duration and Extreme Force in British Islands.						
	Isafjord ...	29.44	30	SE	4	o	29.18	+0.1	27	+8	NE	8	o	*	-	*	*							
	Reykjavik ...	29.51	33	S	2	r	29.01	+0.2	35	+11	W	3	b	*	-	*	*							
	Vestmanna ...	29.58	34	SE	2	r	28.94	-0.3	41	+17	W	1	c	1	-	*	*							
	Seydisfjord ...	29.72	22	-	0	o	29.12	-18	35	+7	E	2	r	*	-	*	*							
	Thorshavn ...	29.85	32	NNE	2	c	29.57	-17	36	+5	WSW	5	r	*	-	*	*							
	Haparanda ...	29.44	1	N	2	o	29.65	+0.6	6	+13	NW	2	f	*	-	7	-9	Lerwick 7-19 Extreme NW at 7 and 13.						
	Hernösand ...	29.50	8	NNE	2	o	29.62	+0.6	2	-11	NW	2	f	*	0.04	18	1							
	Stockholm ...	29.34	18	NE	4	o	29.69	+1.2	14	-7	NE	4	bc	*	Trace	21	14							
	Wisby ...	29.26	27	NW	2	c	29.54	+0.8	26	+7	ENE	2	o	*	Trace	30	19		Malin Head 7-20 Extreme NNW 8.					
	Karlstad ...	29.36	19	NE	2	s	29.75	+1.2	14	+1	W	4	s	*	0.12	19	9							
	Vardö ...	29.32	18	N	6	o	29.44	+0.4	19	-2	NNE	6	o	4	-	21	16							
	Bodö ...	29.62	8	E	2	o	29.70	+0.2	13	+4	E	2	o	2	-	13	5		Holyhead 7-18 Extreme NW 8.					
	Christiansund ...	29.57	25	-	0	o	29.81	+0.4	25	-2	-	0	c	3	0.16	27	23							
	Skudesnaes ...	29.44	29	NNW	6	o	29.84	+0.4	26	-7	-	0	b	2	-	34	25							
Färder (X'ania Fjord)	29.38	24	NNE	5	o	29.76	+1.0	23	+1	N	6	b	2	-	24	21		Wick 8-19 Squalls NNW 8.						
The Scaw (Skagen) ...	29.32	30	NE	4	s	29.70	+1.5	26	-8	NE	6	o	1	0.12	34	25								
Blaavands Huk ...	29.28	35	NNE	1	bc	29.76	+1.4	29	-7	NE	3	c	1	Trace	37	28								
GERMANY, &c.	Cuxhaven ...	29.31	36	W	3	o	29.72	+0.8	34	-1	N	5	o	3	0.08	37	34		Southport 7-9. Extreme NW 8.					
	Berlin ...	29.38	35	SW	2	c	29.56	+0.9	34	0	W	2	o	*	0.12	37	34							
	Frankfurt ...	29.62	37	SW	4	o	29.82	+0.7	34	-1	W	1	m	*	0.08	39	34							
	Munich ...	29.71	?	SW	5	c	29.88	+0.4	30	-8	W	5	o	*	Trace	39	28							
	The Helder ...	29.49	39	W	4	c	29.92	+1.6	38	-2	NW	5	b	2	0.20	43	36							
	Brussels ...	29.72	34	WSW	2	b	30.00	+1.3	33	-1	WNW	2	o	*	0.04	39	32							
FRANCE.	C. Gris Nez ...	29.78	40	NW	6	c	30.11	+1.0	36	-3	NW	6	b	5	-	41	36							
	La Hève ...	29.87	39	NW	7	o	30.19	*	38	-2	NW	5	o	6	-	43	34							
	Ushant ...	30.15	47	NW	4	c	30.27	*	?	?	NW	3	c	5	0.08	48	41							
	Brest (St. Mathieu) ...	30.14	47	NNW	5	c	30.32	+0.3	42	-4	NNE	2	b	3	0.08	50	41							
	Lorient (Bec Melen) ...	?	45	W	4	b	?	*	44	+1	N	3	b	3	-	52	39							
	Rochefort (Ile d' Aix) ...	30.09	46	NW	4	bc	30.28	+0.5	43	-3	NNW	4	b	*	-	48	43							
	Biarritz ...	30.18	49	NW	3	b	30.31	+0.3	44	-6	-	0	b	5	0.35	50	43							
	Paris ...	29.85	37	NW	6	b	30.13	+0.8	34	-3	NW	2	b	*	0.12	42	33							
	Belfort ...	29.80	33	WSW	6	o	30.02	*	30	-2	W	4	o	*	0.24	37	28							
	Lyons ...	29.95	35	N	1	o	30.14	*	31	-4	NW	4	s	*	0.04	44	31							
SPAIN, PORTUGAL, &c.	Nice ...	29.59	46	W	5	b	29.73	+0.2	38	+1	W	5	b	4	-	55	37							
	Perpignan ...	30.02	45	NW	5	b	30.17	00	43	+2	NW	4	o	*	0.12	55	39							
	Sanguinaire ...	29.93	48	W	8	m	29.81	*	47	-1	W	8	m	8	-	54	41							
	Corunna (8 a.m.) ...	30.21	51	NNW	1	b	30.41	+0.2	44	-6	NE	1	o	4	-	52	41							
	Lisbon (9 a.m.) ...	30.41	52	NNW	2	o	30.45	+0.4	51	+3	SW	3	o	5	-	55	48							



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.

South Cone hoisted this morning at 10.40 in District 0.

Western Channel and Bay. 11

0 } South-Westerly winds, increasing considerably; much cloud, some rain; milder.

1 } Wind backing and increasing in force; fine, cold, then milder, with rain or sleet locally.

2 } Wind backing to Westward, light or moderate; fine generally; temperature rising somewhat.

6 } Same as No. 1.
7 } Westerly to South-Westerly winds, light or moderate to fresh; fine and cold, then milder and less settled.

8 } Same as Nos. 2 to 5.

9 } Same as No. 0.

10 } Wind shifting to the Westward or South-Westward, light to moderate; fine, cold to-day; milder, with rain locally, to-morrow.

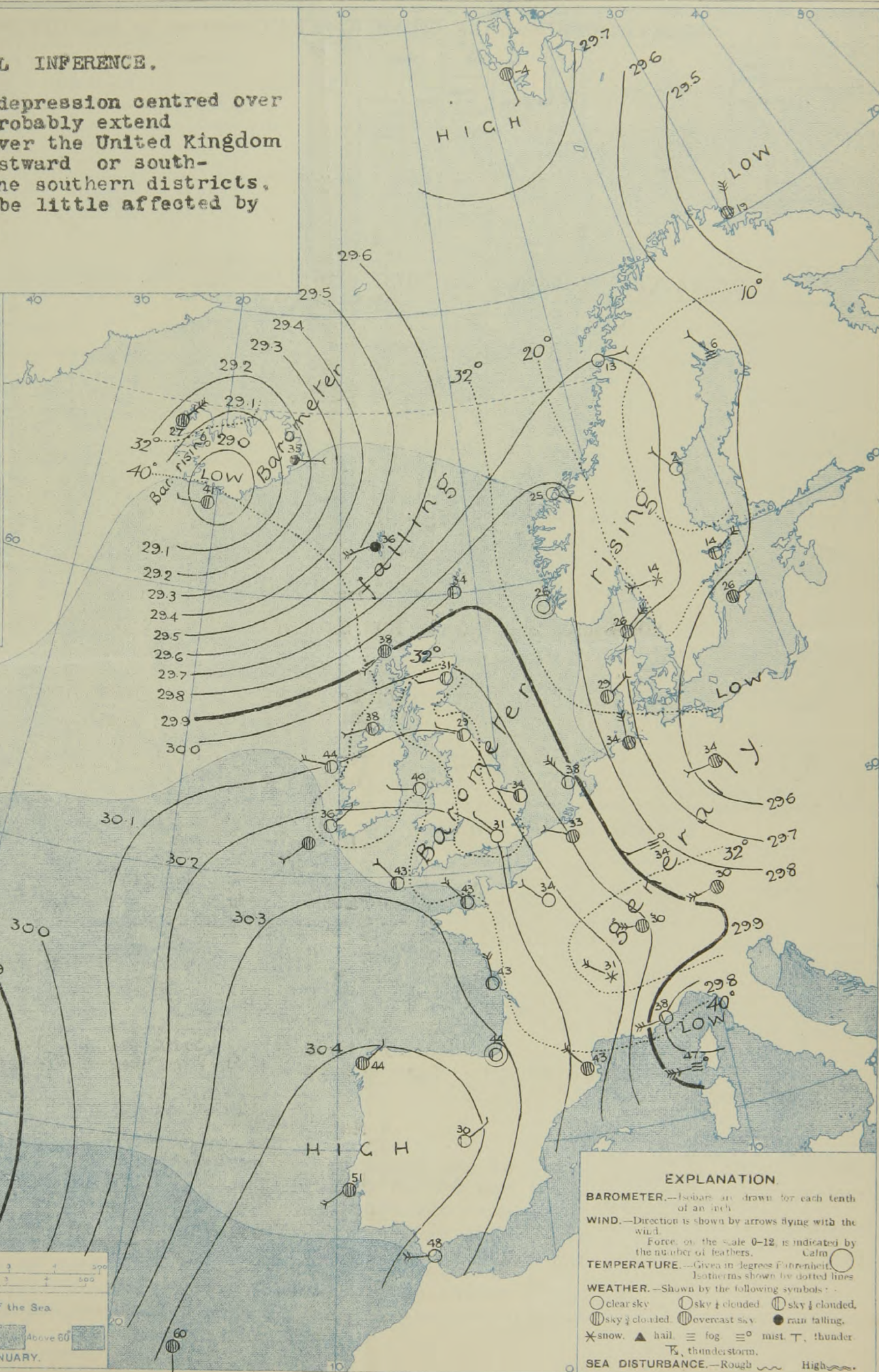
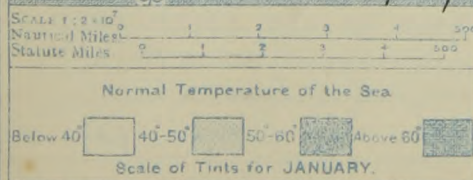
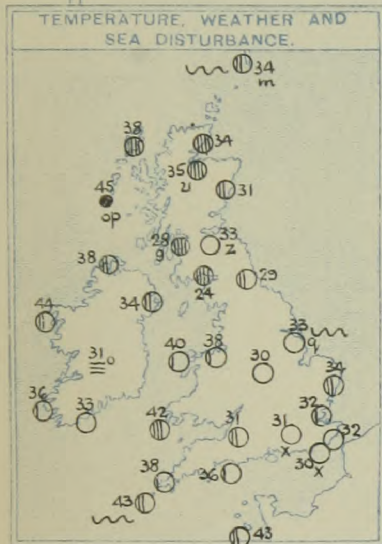
11 } North-Westerly to Westerly winds, light or moderate; sea slight; fine generally, some mist or fog locally.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 7TH JANUARY, 1914.

GENERAL INFERENCE.

The depression centred over Iceland will probably extend considerably over the United Kingdom as it moves eastward or south-eastward. The southern districts, however, will be little affected by it at present.



DAILY WEATHER REPORT.

Wednesday, 7th January, 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.	
7th Jan 6th 6pm	51 50	11 16	Merion	H	30.15 30.17	.00 -.01	SW S	4-5 1-3	O C	6th Jan " "	51 50 49	20 20 19	Tunisian Merion Lapland	O H O	30.23 30.19 30.32	+02 .00 +.11	W W WNW	1-3 1-3 1-3	O C O

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

STATIONS.							Sun- shine to 6 p.m.	STATIONS.							Sun- shine to 6 p.m.	
Rainfall.		TEMPERATURE.		WEATHER.		Rainfall.		TEMPERATURE.		WEATHER.						
		Max.	Min.	Forenoon.	Afternoon.			Max.	Min.	Forenoon.	Afternoon.					
Scot- land.	{ Oban St. Andrews	In. 0.04	F. 40	F. 34	h.bc.os	os.c.bc	Hr. 2.4		In.	F. 40	F. 34	bc	bc	Hr. 3.4		
Eng. N.E.	{ Harrogate Scarborough	0.01 *	36 40	31 29	b c.b	b.bc.b. c.b.	4.5 4.0	England, S.E.		38 40	32 33	*	*	4.0 5.3		
Eng. N.W.	{ Morecambe Blackpool Southport	0.07 0.08	41 41	35 37	cy.b bc.b	b b.bc	4.5 5.5			40 41 44	33 34 35	o.b.bc bc b.bc.bq	b bc.b. bq	*	4.6 5.3 5.1	
	Mid- lands.	{ Buxton Leamington Spa Malvern	0.02 0.03 0.09	35 40 38	31 34 29	bc c.b.bc. o.cs	bc. bc.b. bc.		1.9 3.2 0.9		41 42 42	36 38 38	bc bc b	bc.c.o. bc b	4.8 5.9 5.7	
		Wales.	{ Rhyl Colwyn Bay Llandudno Bettws-y-Coed Aberystwyth Tenby	0.11 0.16 0.16 0.02 0.03	42 41 41 44 45	35 36 38 38 37	o.bc.or bcph.bc c.b o.ch b		or.bc.o bc bc c.o.h bc	1.9 0.6 1.3 1.7 3.7		43 43 44 45 45	34 38 39 37 37	b b b b b	b.bc. b bc.b. b b	6.0 4.7 5.4 6.2 6.0
			England, E.	{ Lowestoft Felixstowe Walton-on-Naze Southend-on-Sea	- - - -	38 40 40 40	33 34 34 34		b.bc. bc.bq bc.o. bc.b.	bc.c.bc b.bc.cq bc.c.o. b.bc.	5.5 5.7 5.0 4.0		43 45 46 44	37 37 42 41	c.bv bcph.r bc	bv beg bc	5.4 4.1 3.0
											43	37	bc.b.	b.bc.	4.3	
											43	37	bc.b.	b.bc.	4.3	
										43	37	bc.b.	b.bc.	4.3		

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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	77	75	0.5	40	29	17	-	c	c	c.b.xf.
City (Banhill Row) ...	69	83	0.6	41	30	26	-	bc	bc	bemx
Westminster (St. James's Pk.) ...	76	86	1.5	41	30	23	-	bc	bc.b.	b.b.
Camden Sq. (Brit. Rainfall) ...	76	86	1.5	41	30	23	-	bc	bc.b.	b.b.
Hampstead (Reservoir) ...	76	86	1.5	41	30	23	-	bc	bc.b.	b.b.
Richmond Park ...	76	86	1.5	41	30	23	-	bc	bc.b.	b.b.
Kew. (See front page.) ...	76	86	1.5	41	30	23	-	bc	bc.b.	b.b.
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	70	77	0.6	Total. 152 Joules	Average Rate. 5.3 Milliwatts.	Max. Rate. 12.0 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.	0.07	39	33	32	qsl.c.b	bc
Plymouth to 9 p.m.	0.05	45	39	34	c.b.	bc
Darwen "	0.06	36	29	29	oph.mist	bc
Manchester "	0.09	48	35	35	ash.c	bc
Birmingham "	0.05	38	33	27	ash.c	bc
Oxford to 8 p.m.	0.05	40	34	29	bm.cph	bc
S. Kensington (Museum Grounds to 6 p.m.)	Trace	40	35	26	b	bc

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 40° or above in most parts of the Kingdom, but only touched 35° at Nairn and Buxton and 33° at Eskdalemuir. Frost was experienced at night in most districts. Snow or hail showers have fallen at many places in the west and north and also at Great Yarmouth. Over the country generally there was much bright sunshine, more than 6 hours at several stations on the south-east, south, and south-west coasts.

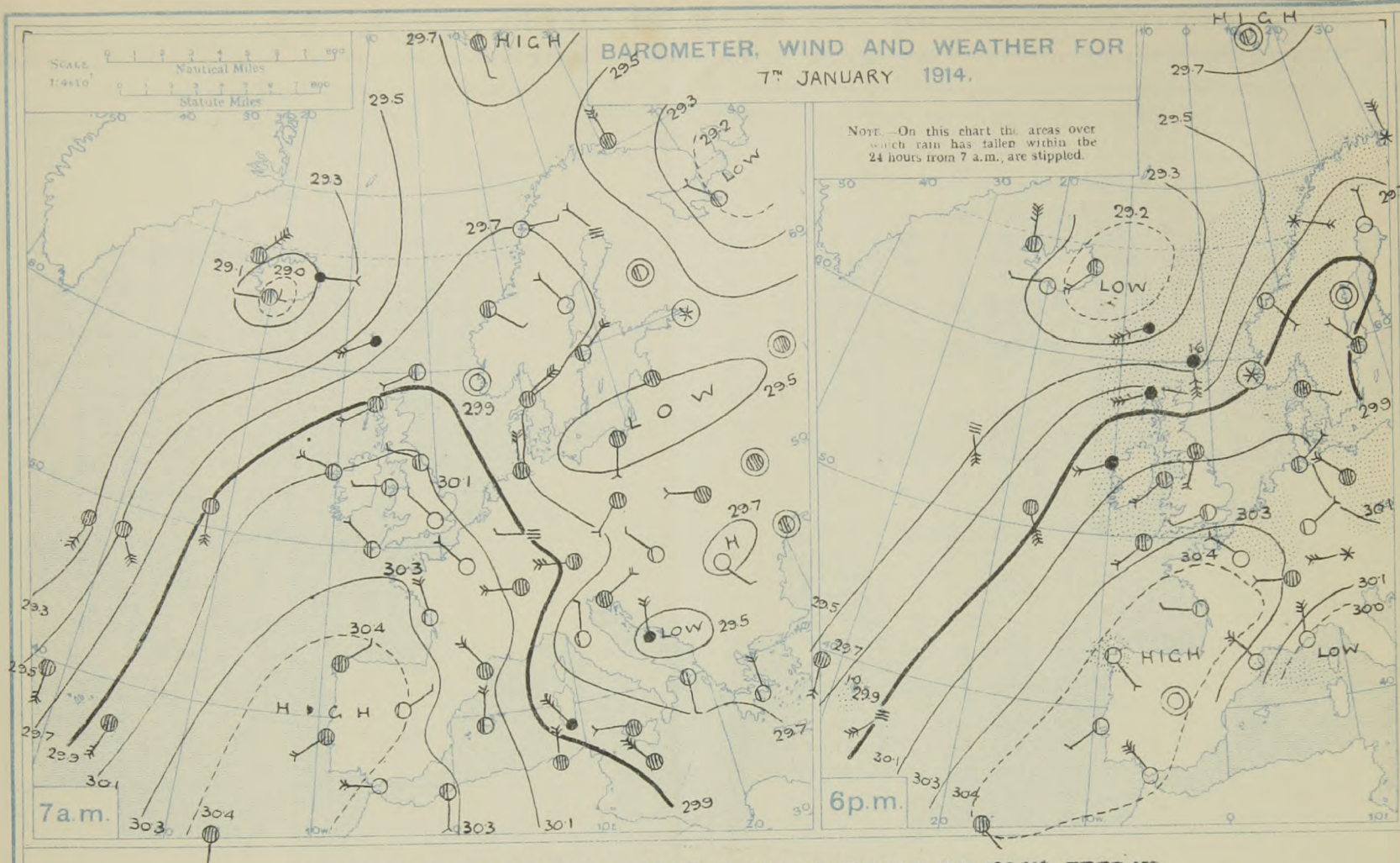
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; 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.

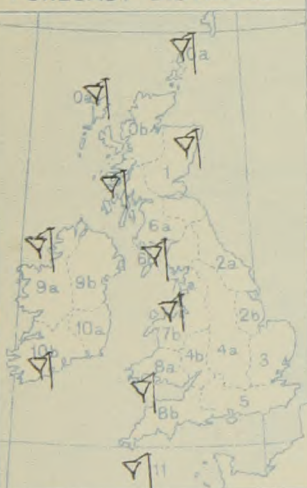
Thursday,
8th January, 1914.

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.	Wet Bulb.	Dir.				At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	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	29.42	46	S	8	org	29.38	-0.1	48	+14	SSW	8	org	6	1.60	48	34	0.0	or	org			
	Stornoway	29.74	45	WSW	7	cpq	29.71	-0.1	46	+8	SW	6	og	5	0.11	47	37	odpq	odcpq	odpq	0.0		
	Castlebay (Barra Isd.)	29.85	47	WSW	5	op	29.77	-0.3	47	+2	SW	4	d	5	0.03	48	44	op	op	opd	0.0		
	Glasgow	29.98	40	SW	5	o	29.88	-0.3	43	+15	SSW	4	og	*	0.01	43	27	o	o	op	0.0		
	Eskdalemuir	30.05	36	SW	4	o	29.93	-0.5	40	+16	SW	5	d	*	0.02	40	22	o	o	o	0.0		
	Malin Head	29.95	42	WSW	5	o	29.81	-0.8	43	+5	WSW	6	o	6	Trace	44	38	cm	ogg	omp	*		
	Blacksod Point	30.02	46	WSW	4	cpm	29.77	-0.3	50	+6	SW	4	od	4	0.09	53	42	cpm	cpm	ompd	*		
	Valencia	30.11	47	S	3	o	29.93	-0.1	53	+17	S	4	om	4	0.44	53	35	bcp	or	omr	0.8		
	Roche's Point	30.20	45	W	1	c	29.99	*	50	+17	SSW	4	o	5	0.30	50	32	bcp	c	corm	*		
	Birr Castle	30.13	41	SW	1	c	29.90	*	49	+18	SW	2	o	*	0.02	49	31	c	c	c.or	2.5		
	Donaghadee	30.08	38	SW	2	bc	29.93	-0.7	43	+9	SSW	3	c	2	0.02	43	31	c	bc	cp.c.	*		
	Liverpool Obsy.	30.18	40	WSW	2	c	30.04	-0.7	44	+6	SSW	3	o	2	0.01	44	35	b	bc	cop	2.7		
	Holyhead	30.17	44	SW	3	c	30.08	-0.5	47	+7	SW	4	odq	4	Trace	48	38	a.c.b.c.b	c.b.c.	opd.od	3.5		
	Pembroke (St. Ann's Hd.)	30.23	46	W	4	c	30.06	-0.5	48	+6	S	7	ogtm	6	0.09	50	42	c	ep	cp.c.	2.2		
	Newquay	30.28	41	S	1	bc	30.14	-0.2	49	+11	SW	2	ome	3	0.03	49	36	bv.bcy	by	cop	3.4		
	Scilly (St. Mary's)	30.26	47	SW	3	cv	30.12	-0.3	50	+7	SSW	5	omr	4	0.06	51	42	bc	cv	cv.cmr	3.6		
	Jersey (St. Aubin)	30.37	40	NW	1	b	30.33	*	45	+2	SW	3	om	3	-	48	37	b	bm	c.mw	5.7		
	Portland Bill	30.30	46	WSW	3	b	30.23	-0.3	49	+13	SW	5	o	4	0.05	49	38	bc	bc.b	bc.cp	*		
	Dungeness	30.29	37	WSW	2	a	30.25	-0.3	44	+14	SW	3	ru	3	0.04	44	?	bm	bc.o	bc.o	*		
	Dover	30.25	36	NW	3	b	30.22	*	42	+10	SW	3	c	4	0.01	42	29	b	bcob	bc.o	6.0		
Wick	29.66	41	SW	3	c	29.62	-0.1	45	+11	WSW	6	bc	5	0.07	46	34	ogr	c/p	c/p.bc	*			
Nairn	29.74	43	WSW	5	cqa	29.70	*	45	+10	W	4	ouq	4	0.01	45	34	bc	bq	o.bc	0.5			
Aberdeen	29.80	38	S	2	o	29.72	-0.2	45	+14	-	0	o	2	-	47	30	og	o	o	0.0			
Leith	29.92	41	WSW	4	o	29.82	-0.6	44	+11	WSW	4	o	2	Trace	44	33	og.og	o	o	*			
North Shields	30.05	39	SSW	3	o	29.92	-0.2	42	+13	SW	2	o	2	-	43	29	og	o	c.o.	0.0			
Spurn Head	30.15	37	WSW	4	c	30.02	-0.4	38	+5	WSW	5	bm	5	-	38	33	f	cm	cm	2.7			
Yarmouth	30.21	34	W	2	c	30.15	-0.2	38	+4	W	2	bc	1	-	39	32	bc	b.c.	bc	4.5			
Clacton-on-Sea	30.26	36	W	2	c	30.20	-0.3	39	+7	SW	3	og	2	-	40	31	b	b.b.c.	cm.og	5.6			
Nottingham	30.22	36	SSW	2	o	30.10	*	41	+11	WSW	4	o	*	-	41	27	v.cm	cm.o.	o.c.bm	1.1			
Bath	30.29	42	SW	2	o	30.19	*	44	+13	WSW	2	o	*	-	45	28	m.b.c.	bc.o.	o	5.2			
London (Kew Obsy.)	30.29	35	WSW	1	bm	30.22	-0.3	40	+9	SW	2	o	*	-	40	30	bx.bcm	bm.bcm	b.c.x.o	5.1			
ICELAND, FAEROE, &c.	Spitzbergen	29.74	-4	-	0	bc	29.67	-0.4	-2	+2	-	0	bc	*	-	-2	-8						
	Isafjord	29.43	24	N	7	c	29.69	+0.2	17	-10	N	2	b	*	-	*	*						
	Reykjavik	29.28	30	-	0	bc	29.53	+0.5	28	-7	E	2	b	*	-	*	*						
	Vestmanna	29.21	36	W	1	b	29.47	+0.1	37	-4	E	5	b	3	-	*	*						
	Seydisfjord	29.14	37	SW	3	c	29.61	+0.9	28	-7	SW	2	b	*	-	*	*						
	Thorsbavn	29.22	46	WSW	8	r	29.37	+0.9	26	-10	N	2	bc	*	-	*	*						
SCANDINAVIA.	Haparanda	29.86	2	N	2	b	29.90	0.0	-8	-14	N	2	b	*	-	7	-13						
	Hernösand	29.98	-8	-	0	m	29.91	-0.4	-8	-10	NW	2	o	*	-	12	-15						
	Stockholm	29.95	14	NW	2	c	29.98	-0.4	11	-3	SW	2	o	*	-	18	5						
	Wisby	29.87	24	NNE	2	o	29.90	-0.1	24	-2	NE	2	c	*	-	27	23						
	Karlstad	30.05	4	-	0	b	29.78	-1.0	20	+6	SSE	6	S	*	-	21	-8						
	Vardö	29.62	23	N	6	S	29.76	+0.1	23	+4	W	2	o	3	?	23	14						
	Bodö	29.58	21	ESE	4	S	29.67	-0.5	20	+7	E	2	b	1	?	21	13						
	Christiansund	29.73	26	SE	2	b	29.13	-1.0	38	+13	WSW	1	o	4	0.08	39	25						
	Skudesnaes	29.88	32	SSE	1	S	29.45	-0.4	45	+19	WSW	9	r	8	?	45	23						
	Färder (X'ania Fjord)	30.04	20	SE	1	b	29.56	-0.2	32	+9	S	8	S	4	?	32	19						
GERMANY, &c.	The Scaw (Skagen)	30.05	27	ESE	1	o	29.64	-0.2	32	+6	SSW	8	S	2	0.04	32	23						
	Blaavands Huk	30.10	25	ESE	1	o	29.85	-0.8	41	+12	WSW	5	r	4	0.16	41	23						
	Cuxhaven	30.14	30	NE	2	bc	30.03	-0.4	35	+1	SW	3	o	0	-	36	27						
	Berlin	29.95	29	NW	4	o	30.20	0.0	26	-8	SW	2	o	*	0.04	36	25						
	Frankfurt	30.21	28	NE	2	b	30.36	+0.1	32	-2	SW	1	m	*	-	39	30						
	Munich	30.15	28	W	5	S	30.46	+0.5	28	-2	SW	5	o	*	0.08	30	25						
FRANCE.	The Helder	30.19	40	WSW	2	c	30.12	-0.3	42	+4	SW	5	c	3	0.04	43	37						
	Brussels	30.30	34	WSW	1	o	30.29	-0.2	36	+3	SW	3	r	*	0.04	41	32						
	C. Gris Nez	30.29	40	W	4	c	30.26	-0.3	44	+8	WSW	6	r	5	0.12	41	36						
	La Hève	30.37	42	N	3	b	30.31	*	40	+2	WSW	5	c	4	-	43	37						
	Ushant	30.35	48	SW	3	o	30.23	*	50	?	S	6	f	4	-	50	45						
	Brest (St. Mathieu)	30.39	47	SW	2	c	30.30	-0.3	?	?	SW	4	o	4	-	50	46						
	Lorient (Bec Melen)	30.44	41	SW	1	b	?	*	48	+4	SW	4	bc	2	-	50	45						
	Rochefort (Ile d'Aix)	30.44	41	SSE	1	b	30.45	-0.1	37	-6	SSE	3	o	2	-	48	36						
	Biarritz	30.43	45	ENE	2	b	30.45	-0.2	38	-6	E	2	b	3	-	50	37						
	Paris	30.36	33	NW	1																		



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.

Cone hoisted yesterday at 10.42 a.m. in District 0; at 2.15 p.m. in Districts 1, 6 and 9, and at 7.15 p.m. in Districts 7, 8, 10 and 11.

Western Channel and Bay. 11

0 { a } Wind veering temporarily to North-West; **unsettled,**
b { some fair intervals; colder.

1 { Westerly and South-Westerly winds, moderate or fresh
2 { in force; cloudy, **unsettled,** occasional rain; rather
b { mild.

3 { South-Westerly winds, moderate to fresh in force;
4 { rain at times, fair intervals; mild.
b {

6 { a } Freshening Southerly and South-Westerly winds;
b {
7 { a }
b { **unsettled,** rain at times; mild.
8 { a }
b {

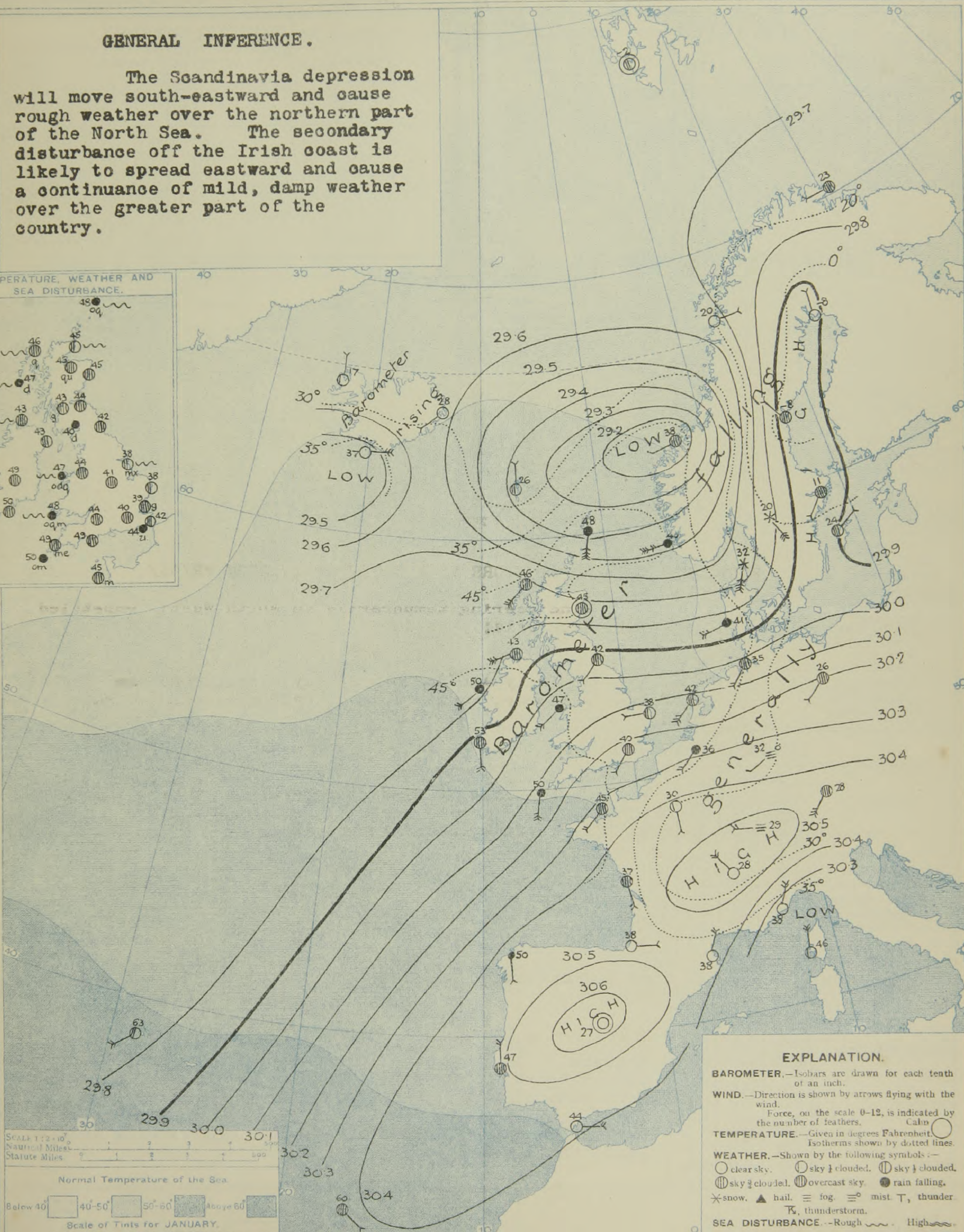
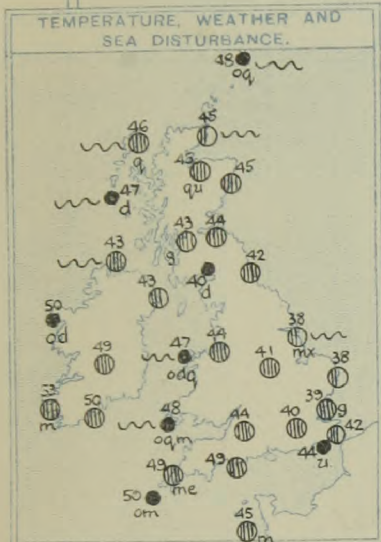
9 { Freshening Southerly and South-Westerly winds, and a
10 { rather rough sea; **unsettled,** some rain; mild.
b {

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., THURSDAY, 8TH JANUARY, 1914.

GENERAL INFERENCE.

The Scandinavia depression will move south-eastward and cause rough weather over the northern part of the North Sea. The secondary disturbance off the Irish coast is likely to spread eastward and cause a continuance of mild, damp weather over the greater part of the country.



DAILY WEATHER REPORT.

Thursday, 8th January, 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.	
7th 6 p.m.	54	26	Mongolian	O	29.34	-0.7	SSE	6-7	m	7th 7 a.m.	48	31	Philadelphia	H	29.26	0.0	SSW	6-7	o
"	51	16	Grampian	H	29.79	-0.8	SSE	8-9	o	"	48	29	Lapland	O	29.42	-1.5	SE	6-7	o
"	"	"	"	"	"	"	"	"	"	"	51	21	Grampian	H	29.94	+0.9	S	6-7	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.		In.	F.	F.			Hr.
{ Oban ...	0.24	45	31	r. of	gr	0.0	{ Margate ...	-	39	34	b	b.f	5.6
{ St. Andrews ...	-	40	30	*	*	0.0	{ Ramsgate ...	-	38	30	*	*	5.8
Eng. N.E.							{ Folkestone ...	-	40	32	b	b	5.0
{ Harrogate ...	-	38	27	b.b.c.	c.o.	1.1	{ Littlestone ...	-	*	*	*	*	5.1
{ Scarborough ...	*	37	30	c.b.	c.b.	2.0	{ Hastings ...	-	40	30	b	b	6.6
Eng. N.W.							{ Bexhill-on-Sea ...	-	41	30	b	b	6.4
{ Morecambe ...	0.03	44	26	b.c.d.	d.b.c.	0.0	{ Eastbourne ...	-	41	32	b	b	6.1
{ Blackpool ...	0.01	44	27	m.o.c.	cp.o.	0.7	{ Seaford ...	-	41	30	b	b	6.1
{ Southport ...	-	42	30	bz.b.c.o.	o.c.b.c.	0.9	{ Brighton ...	-	41	31	b.c.m	b.c.m	5.1
Mid- lands.							{ Worthing ...	-	42	30	b	b.b.c.	5.6
{ Buxton ...	-	36	25			1.1	{ Littlehampton ...	-	*	*	*	*	5.6
{ Leamington Spa ...	-	39	27	b	c.b.	4.5	{ Southsea ...	-	42	32	b	b.c	5.5
{ Malvern ...	-	41	37	b.b.c.	b.c.c.o.	6.5	{ Ryde ...	-	43	35	b	b	5.0
Wales.							{ Ventnor ...	-	44	33	*	*	6.5
{ Rhyl ...	0.02	43	33			3.5	{ Bournemouth ...	-	45	30	b	b	6.4
{ Colwyn Bay ...	-	44	32	b.c.b.	b.c	4.6	{ Hythe ...	-	?	30	b	b.m	4.5
{ Llandudno ...	0.01	44	39	b	b.c	2.9	{ Weymouth ...	-	46	33	b.b.	b	6.4
{ Bettws y-Coed ...	-	44	33	o.c.b.	b.c.o.	2.7	{ Exmouth ...	-	46	32	b	b	6.2
{ Aberystwyth ...	-	44	33	o.c.b.	b.c.o.	2.7	{ Teignmouth ...	-	48	32	b	b	6.2
{ Tenby ...	0.05	45	35	b.c	p	3.0	{ Torquay ...	-	48	31	b	b.c.c.	5.8
England, E.							{ Paignton ...	-	-	-	-	-	-
{ Lowestoft ...	0.11	36	30	b.b.b.c.	b.c.c.	4.6	{ Falmouth ...	-	50	37	b.c.	c.b.	4.8
{ Felixstowe ...	-	39	31	b.m	b.b.c.c.	5.5	{ Bude ...	0.01	48	32	x.b.c.p.	b.c.p	5.1
{ Walton-on-Naze ...	-	37	31	b.c	c.b.c.	5.4	{ Ilfracombe ...	0.02	46	38	b	b.b.c.p.c	4.5
{ Southend-on-Sea ...	-	41	31	b.c.b.	b.b.c.	5.3	{ Weston-super-Mare ...	-	43	31	f.b.	b.	4.5

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.	24 HOURS ENDED 9 A.M. TO-DAY.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	73	90	0.9	43	29	22	-	b	b.b.c.	coo.p.b.
City (Bunhill Row) ...	80	90	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	80	88	0.4	43	31	27	-	b	b.c.	f.c.m.
Camden Sq. (Brit. Rainfall)	77	90	2.5	42	31	28	-	m.b.	b.b.c.m.	o.e.o.
Hampstead (Reservoir) ...	*	93	5.3	40	29	16	-	c.b.x.	b.	o.e.o.
Richmond Park ...	*	*	4.3							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	72	92	0.8							

Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Weather.	
Dublin to 4 p.m.	In.	F.	F.		Hr.
Plymouth to 9 p.m.	-	42	32	29	0.6
Darwen	-	49	30	25	0.5
Manchester	-	38	28	22	0.5
Birmingham	-	39	30	20	4.9
Oxford to 8 p.m.	*	40	29	21	*
S. Kensington (Museum Grounds to 6 p.m.)	-	39	31	25	*

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND 1-2-MORROW.

8th & 9th Jan., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	8.4	12.0	3.56
Greenwich ...	8.3	12.0	3.57
Wick ...	8.6	12.7	4.8
Valencia ...	8.5	12.7	4.9
	8.0	12.19	3.38
	8.59	12.19	3.40
	8.49	12.48	4.46
	8.48	12.48	4.48

NOTES ON YESTERDAY'S WEATHER.

Fine weather prevailed over the greater part of England, the amount of sunshine being in many cases greater than 6 hours. Over Scotland and Ireland the conditions were generally dull and unsettled, and rain fell in considerable quantities. Temperature rose steadily, the maximum readings for the twenty-four hours being in most cases those reported this morning.

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.

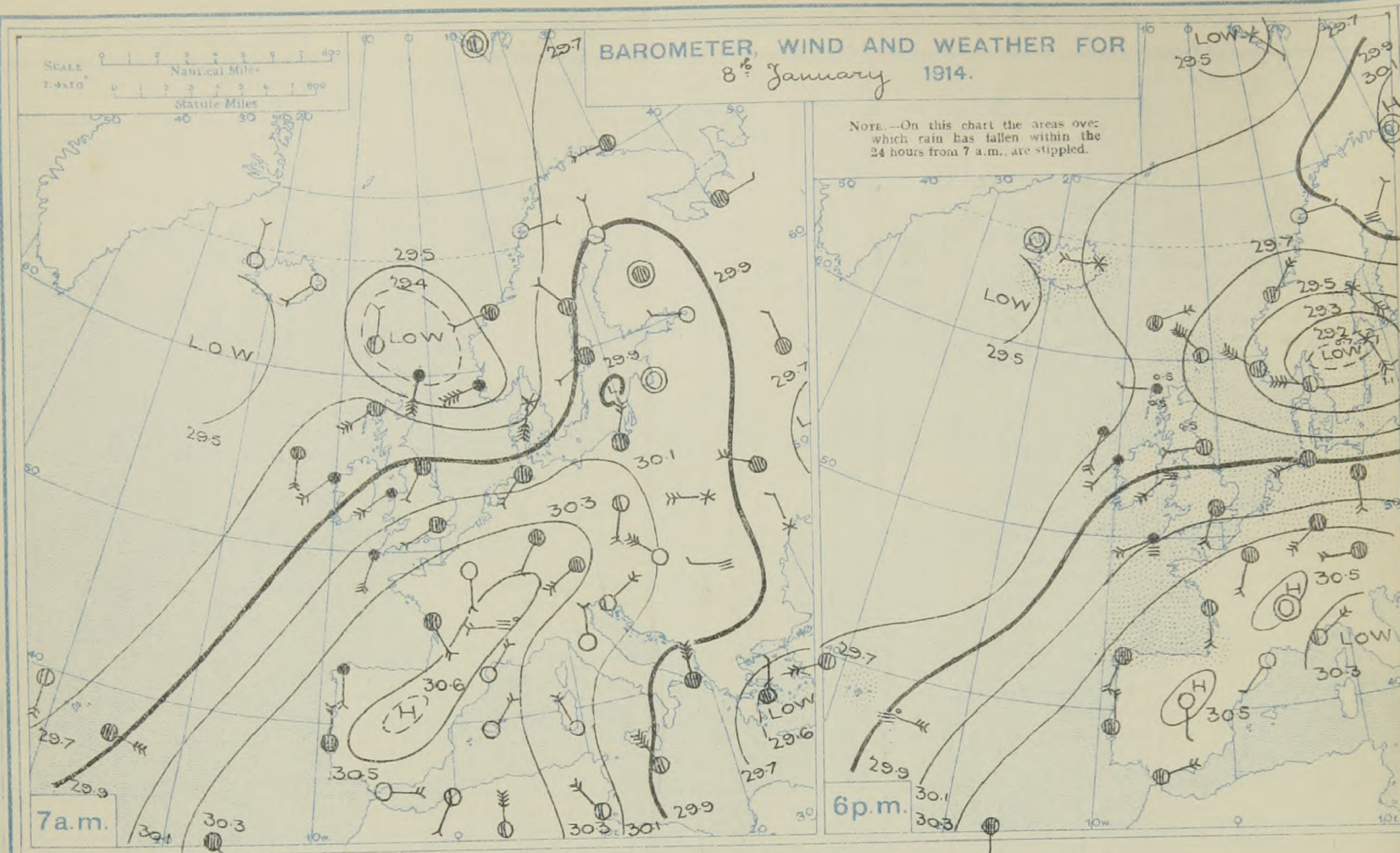
Friday,
9th January, 1914.

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.		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	29.65	43	NW	8	bcg	29.99	+0.3	40	-8	NNE	5	bc	4	0.12	48	38	or. cq	cq. bcg	bc	Hours			
	Stornoway	29.74	47	W	1	odp	29.76	0.0	45	-1	S	6	omrq	5	0.53	48	45	odp	odp	ormq	0.0			
	Castlebay (Barra Isd.)	29.73	47	-	0	om	29.72	-0.1	49	+2	ESE	2	r	3	0.50	49	46	d	d. om	omr	0.0			
	Glasgow	29.80	48	WSW	3	og	29.85	+0.2	45	+2	NE	3	od	*	0.26	49	41	o	odp	omr	0.0			
	Esksdalemuir	29.83	46	SW	4	odg	29.88	+0.1	47	+7	-	0	od	*	0.32	48	38	odg	odg	odm	?			
	Malin Head	29.78	48	SW	4	o	29.75	-0.1	50	+7	SSW	4	o	4	0.15	51	43	omd	omd	omr	*			
	Blacksod Point	29.79	51	SW	3	orm	29.80	+0.5	51	+1	SW	3	omr	3	0.17	53	49	cpmd	orm	omr	*			
	Valencia	29.92	52	S	4	md	29.94	+0.2	53	0	S	2	og	4	0.18	54	51	orm	orm	omd	0.0			
	Roche's Point	29.99	51	SW	2	o	29.99	*	52	+2	SW	2	o	4	0.16	52	50	d	d. om	fd. e	*			
	Birr Castle	29.89	55	SW	2	o	29.90	*	53	+4	SW	3	o	*	0.01	55	43	c	c. o	od	0.0			
	Donaghadee	29.82	53	SW	2	ome	29.85	+0.1	53	+10	SW	1	omr	2	0.37	53	42	omrpd	omrpe	omr	*			
	Liverpool Obsy.	29.92	49	SW	2	o	29.93	+0.1	50	+6	WSW	3	ce	2	0.20	53	44	op	c. o	or	0.0			
	Holyhead	29.94	49	SW	4	fe	29.95	0.0	50	+3	SW	4	orf	4	0.41	50	45	d. orf. o	fd. o	orf	0.0			
	Pembroke (St. Ann's Hd.)	30.00	50	SW	3	f	30.02	0.0	51	+3	SW	5	of	4	0.18	?	47	ogim	fd	fd. f	0.0			
	Newquay	30.08	53	SW	3	ofc	30.12	0.0	53	+4	SW	2	ogmd	3	0.05	53	49	o	ofc. pd	ogfd	0.0			
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	30.10	52	WSW	4	fd	30.13	0.0	52	+2	WSW	5	fe	5	0.12	53	49	fe	fr	fd. fe	0.0			
	Jersey (St. Aubin)	30.25	48	SW	4	adm	30.23	*	52	+7	SW	4	omd	4	0.06	52	44	omd	omd	omd	0.0			
	Portland Bill	30.11	48	SW	5	adm	30.10	+0.1	48	-1	SW	4	fe	4	0.04	49	46	c. od	omd	odmf.	*			
	Dungeness	30.14	45	SW	5	d	30.03	-0.1	47	+3	SW	4	fe	4	0.10	47	42	c. o	c. od	c. omr	*			
	Dover	30.07	45	SW	5	r	29.99	*	51	+9	WSW	4	or	6	0.10	51	42	cd. o. bc	cd. o. d	re. or	0.7			
	Wick	29.70	46	SW	2	o	29.91	+0.3	42	-3	ESE	4	og	4	0.05	48	41	bc. c	bc. od	c. og	*			
	Nairn	29.73	47	WSW	1	og	29.86	*	41	-4	-	0	r	1	0.44	47	41	cg	cg	od. r	0.0			
	Aberdeen	29.74	43	W	1	c	29.94	+0.4	41	-4	E	4	or	2	0.42	49	40	o	c. c	c. or	0.0			
	Leith	29.77	50	W	3	o	29.84	+0.3	44	0	N	2	d	*	0.50	50	43	og	o	or	*			
	North Shields	29.82	47	W	2	c	29.88	+0.2	47	+5	-	0	r	2	0.46	52	39	c	c	or.	0.0			
	Spurn Head	29.87	47	W	4	c	29.87	0.0	47	+9	W	4	omr	4	0.30	48	38	cm	cp	om	0.7			
	Yarmouth	29.97	47	SW	2	or	29.90	+0.1	52	+14	W	4	or	3	0.13	52	37	o	or	or	0.0			
	Clacton-on-Sea	30.05	45	SSW	3	og	29.95	-0.1	51	+12	WSW	3	ogr	2	0.16	51	39	o. c. og	ogd	ogmr	0.7			
	Nottingham	29.96	49	SW	2	r	29.94	*	53	+12	SW	4	op	*	0.05	53	40	o. cd. o	odm	d. o	0.5			
	Bath	30.07	53	SW	3	o	30.08	*	54	+10	WSW	4	b	*	0.03	55	43	od	d. o	d. or	0.0			
London (Kew Obsy.)	30.07	49	SSW	3	o	30.02	0.0	53	+13	WSW	3	o	*	0.11	53	40	oorm. me	omd	o. or. o	0.0				
SCANDINAVIA.	Spitzbergen	29.48	25	SE	1	s	29.58	+0.5	14	+16	SE	1	o	*	?	25	-4	GALES.						
	Isafjord	29.67	21	-	0	b	29.19	-0.5	47	+30	S	9	c	*	*	*	*	Duration and Extreme Force in British Islands						
	Reykjavik	29.50	34	E	6	o	29.19	-0.7	41	+13	ESE	5	r	*	*	*	*	Lerwick. 7-20						
	Vestmanna	29.53	28	E	10	o	29.23	-0.9	42	+5	E	10	r	6	*	*	*	Extreme W.S. Morning.						
	Seydisfjord	29.80	31	W	3	s	29.58	-0.4	42	+14	SSE	5	r	*	*	*	*	NW 9 Afternoon.						
	Thorshavn	29.77	39	ENE	4	o	29.89	-0.1	41	+15	SE	7	c	*	*	*	*							
	Haparanda	29.91	-17	NE	2	f	30.18	+0.8	-15	-7	NNE	2	b	*	-	3	-17							
	Hernösand	29.54	25	SE	6	s	30.04	+1.2	13	+21	NE	6	c	*	0.35	25	12							
	Stockholm	29.19	25	SSE	6	s	29.33	+1.20	16	+5	NE	8	s	*	0.44	32	10							
	Wisby	29.33	33	S	4	s	29.24	+1.6	29	+5	NNE	9	o	*	1.10	37	23							
	Karlstad	29.21	23	E	2	s	29.75	+2.0	23	+3	NNE	8	o	*	0.67	28	16							
	Vardö	30.10	16	-	0	b	30.09	+0.4	12	-11	-	0	b	2	-	23	12							
	Bodö	29.80	19	E	2	b	30.13	+0.8	16	-4	E	2	c	2	-	21	14							
	Christiansund	29.58	28	NE	4	c	30.10	+0.7	23	-15	E	1	b	3	-	43	21							
	Skudesnaes	29.45	42	NW	8	c	29.91	+0.8	31	-14	N	6	b	4	?	46	30							
Færder (K'ania Fjord)	29.24	29	N	6	o	29.81	+2.2	26	-6	NNE	8	bc	3	-	34	26								
The Scaw (Skagen)	29.26	44	WNW	9	bc	29.71	+1.8	30	-2	NE	10	s	3	0.12	45	27								
Blaavands Huk	29.65	42	WSW	6	o	29.71	+0.6	40	-1	N	6	o	5	Trace	43	37								
GERMANY, &c.	Cuxhaven	29.82	40	WSW	5	o	29.73	+0.2	41	+6	NW	5	o	3	0.12	43	35							
	Berlin	29.99	35	S	2	o	29.60	-0.5	42	+16	W	6	o	*	0.24	43	26							
	Frankfurt	30.27	38	SW	6	o	30.00	-0.4	39	+7	SW	7	o	*	0.16	39	32							
	Munich	30.39	?	W	3	o	30.09	-0.8	34	+6	SW	6	r	*	0.12	34	28							
	The Helder	29.95	44	SW	6	o	29.88	0.0	44	+2	WNW	1	r	1	0.28	46	43							
	Brussels	30.15	40	SW	4	r	29.99	-0.4	47	+11	WSW	4	r	*	0.47	47	36							
	C. Gris Nez	30.13	46	SW	7	r	30.02	-0.2	48	+4	SW	7	f	6	0.32	?	?							
FRANCE	La Hève	30.25	44	SW	5	o	30.17	*	47	+7	SW	4	f	4	0.04	45	39							
	Ushant	30.23	54	S	3	m	30.22	*	53	+3	SW	4	o	4	0.08	52	46							
	Brest (St. Mathieu)	30.24	51	SSW	5	o	30.28	+0.1	52	0	W	3	o	5	0.08	54	50							
	Lorient (Bec Melen)	?	50	SSW	4	r	?	*	52	+4	SW	3	o	3	0.08	52	46							
	Rochefort (Ile d' Aix)	30.42	42	S	3	c	30.37	0.0	42	+5	S	3	f	3	-	46	36							
	Biarritz	30.41	45	E	3	b	30.41	-0.1	52	+14	S	3	r	2	0.24	52	38							
	Paris	30.34	38	SSW	3	o	30.22	-0.2	40	+10	SSW	3	o	*	Trace	41	29							
	Belfort	30.50	30	W	2	m	30.35	*	30	+1	W	5	r	*	-	36	25							
	Lyons	30.51	32	NW	1	b	30.47	*	27	-1	-	0	f	*	-	39	25							
	Nice	30.28	39	NE	2	b	30.24	-0.3	37	-1	NE	4	bc	3	-	50	36							
Perpignan	30.40	43	SW	1	b	30.38	-0.																	

GALES.

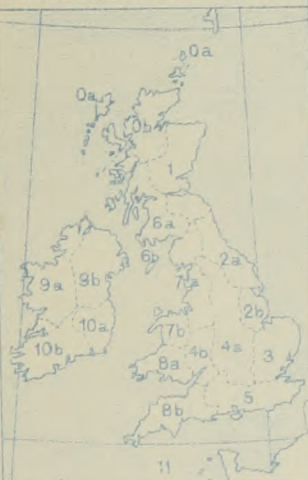
Duration and Extreme Force
in British Islands

Lerwick. 7-20
Extreme W.S. Morning.
" NW 9



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

NO WARNINGS
ISSUED.

Western Channel and Bay. 11

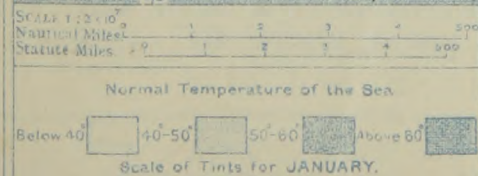
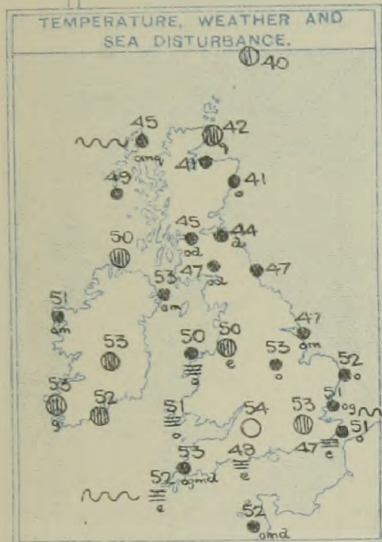
- 0 { a } Variable breezes, finally Southerly or South-Westerly; fair
b } in Shetland and in north-east, some rain in western regions.
- 1 { Variable breezes; rainy at first, clearing gradually;
2 { rather cooler.
- 3 { Moderate Westerly breezes: dull, some rain; mild.
- 4 {
- 5 {
- 6 { a } Variable airs, finally Southerly; rainy at first, clearing
b } gradually; becoming rather cooler.
- 7 { a } Same as Nos. 3 to 5.
b }
- 8 { a } Moderate South-Westerly winds, freshening later; dull, some
b } rain; mild.
- 9 {
- 10 {
- 11 { Moderate or light Southerly to South-Westerly winds, and a
moderate sea; mostly dull, with mist or fog; mild.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Friday, 9th JANUARY, 1914.

GENERAL INFERENCE.

The Scandinavian anticyclone is likely to extend its influence temporarily somewhat further to the south-westward. Fresh low pressure systems will probably advance from the Atlantic before 24 hours have passed. These will influence the conditions on our extreme western 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 ½ cloud. ○ sky ¾ cloud.
 ☁ sky ¾ cloud. ☁ overcast sky ● rain falling.
 * snow. ▲ hail. ≡ fog ≡ mist. T, thunder.
 ⚡, thunderstorm.

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

Friday, 9th January, 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.	
9th, 7 a.m.	55	5	<u>Carthaginian</u>	H	29.82	+0.7	SSE	4-5	0	8th, 6 p.m.	55	9	<u>Carthaginian</u>	H	29.72	+0.8	S	1-3	C
8th, 6 p.m.	49	15	<u>Philadelphia</u>	H	29.71	+0.2	SSW	6-7	0	" 1 p.m.	49	19	<u>Philadelphia</u>	H	29.54	+0.3	SW	6-7	C
" "	55	10	<u>Hesperian</u>	O	29.66	-0.2	SSW	4-5	1	" 7 a.m.	55	13	<u>Carthaginian</u>	H	29.62	-0.1	S	4-5	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. 0.02	F. 48	F. 39	d.o	d.o	Hr. 0.0	{ Margate	In. 0.01	F. 48	F. 33	c	c-or.	0.2	
	{ St. Andrews				*	*			{ Ramsgate	-	47	33	*	*	0.5
Eng. N.E.	{ Harrogate	0.13	48	37	o	or	0.0	{ Folkestone	0.04	46	34	od.c.	od	0.4	
	{ Scarborough	*	47	?	c.o	o.c.	0.0		{ Littlestone	*	*	*	*	*	1.0
Eng. N.W.	{ Morecambe	0.18	47	40	d	d.m.	0.0	{ Hastings	0.09	48	35	op.bc	om	0.9	
	{ Blackpool	0.12	47	41	of.o	o	0.0		{ Bexhill-on-Sea	0.05	45	36	o.bc.o	od	1.1
	{ Southport	0.16	48	?	odr	of. om	0.0		{ Eastbourne	0.20	49	37	bc.o	ow.d	0.9
									{ Seafood	0.11	47	32	r	o	1.1
Mid- lands.	{ Buxton	0.16	47	35	cr	cr	0.0	{ Brighton	0.05	47	33	c-or	r.o.	0.5	
	{ Leamington Spa	-	50	29	o	o	0.0		{ Worthing	0.01	47	33	bc.o	o	0.3
	{ Malvern	-	51	?	ome	og	0.5		{ Littlehampton	0.01	*	*	*	*	0.4
									{ Southsea	0.06	49	34	of	of.	0.0
Wales.	{ Rhyl	0.02	53	34	o.c.	r.o.	0.2	{ Ryde	0.09	48	39	*	*	0.0	
	{ Colwyn Bay	0.03	55	42	bsp	bc	0.2		{ Ventnor	0.05	50	30	d	d	0.0
	{ Llandudno	0.07	53	?	of	bc	0.1		{ Bournemouth	0.04	47	29	o.cfe.b.	rg	0.4
	{ Bettws-y-Coed	0.05	50	35	o.cr	cr	0.0		{ Hythe	0.02	51	40	od	d.o.	0.0
England, E.	{ Aberystwyth	0.29	51	?	oe	oe	0.0	{ Weymouth... ..	0.03	53	32	pg.c.	cp.bc.	0.0	
	{ Tenby								{ Exmouth	0.02	53	35	od	op	0.0
									{ Teignmouth	0.07	52	39	d.o	d.o	0.0
									{ Torquay	0.08	52	31	od.r	cp	0.0
	{ Lowestoft	0.01	46	33	o.c.o.	or	0.0	{ Paignton	0.20	52	40	r.dq	qfe	0.0	
	{ Felixstowe	0.01	46	32	o.c.o.	d.m.o.	0.5		{ Falmouth	0.08	53	?	oge.p	ogd	0.0
	{ Walton-on-Naze	0.02	46	34	c.bc.c	c.od.m.o	0.6		{ Bude	0.12	53	40	od.o	of	0.0
	{ Southend-on-Sea	-	46	32	bc	bc	1.5		{ Ilfracombe	0.03	52	38	r.c.	d.o.	0.0
								{ Weston-super-Mare							

Additional Observations for Yesterday.

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 ENDING 9 A.M. TO-DAY.									
				%	%						Hr.	F.°	F.°
Greenwich (Royal Obsy.) ...	90	90	0·3	54	42	36	0·10	o.c.o	o	of.o			
City (Bunhill Row) ...			0·0	"	"	"	"	"	"	"			
Westminster (St. James's Pk.)	90	93	0·0	54	43	36	0·07	oem	o	of.me			
Camden Sq. (Brit. Rainfall)	91	91	0·0	54	42	43	0·09	bmo w	og	"			
Hampstead (Reservoir) ...	"	97	0·0	52	40	30	0·07	o	o	od.of.o			
Richmond Park ...	"		0·3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Kew. (See front page.)				Total. 81 Joules		Average Rate. 2·8 Milliwatts.		Max. Rate. 8·0 Milliwatts.					
S. Kensington (Roof of M.O.)	91	90	0·0										

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
		Max.	Min.						
		F.°	F.°						F.°
		Dublin to 4 p.m.	Trace						55	42	38	dp.c	c	c.b.	*
Plymouth to 9 p.m.	0·15	52	38	32	o	of.g	of.g	0·0	
Darwen "	0·38	49	36	33	our	of	of	0·0	
Manchester "	0·10	51	37	"	c.o	o.od	op.o	0·0	
Birmingham "	"	50	35	30	"	c	o	0·5	
Oxford to 8 p.m.	"	52	37	33	c.o.b.c	b.c.p.a	o	*	
S. Kensington (Museum Grounds to 6 p.m.)	Trace	50	37	28	ad.o	b.c.of.o	o	*	

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

To-day and To-morrow.			
9th & 10th Jan., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	{ 8.3 8.5	{ 12.0 12.1	{ 3.57 3.59
Greenwich	{ 8.5 8.5	{ 12.7 12.8	{ 4.9 4.11
Wick	{ 8.59 8.58	{ 12.19 12.20	{ 3.40 3.42
Valencia	{ 8.48 8.48	{ 12.48 12.49	{ 4.48 4.50

Rain fell at all our stations, the amounts exceeding half an inch in the Hebrides. Very little bright sunshine was experienced, the maximum value reported being 1.5 hour at Southend. In most places the sky remained overcast throughout. Temperature was very mild. 55° was reached at Bath and Birr Castle, and the minima were in most cases above 40°

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
10th January, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.							Sun- shine for Vester day.
		BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather	Sea (0 to 9).	TEMP.		WEATHER.					
		At 3 ³⁰ P. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).		At 3 ³⁰ P. 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	30.01	40	ESE	5	c	30.02	40.02	42	+2	SE	9	omrg	6	0.18	43	38	bc	c	opg	*	
	Stornoway	29.84	49	SW	4	cdp	29.89	40.02	49	+4	SW	4	adm	4	0.49	50	44	or. cm	cdp	odpm	0.0	
	Castlebay (Barra Isd.)	29.85	50	SSW	4	op	29.90	40.02	49	0	SW	3	o	4	0.21	51	48	r.d	d. op	op	0.0	
	Glasgow	30.02	42	ENE	2	adm	30.02	40.00	43	-2	E	1	ome	8	0.24	45	41	r	opdm	odm. op	0.0	
	Eskdalemuir	30.02	47	-	0	o	30.05	40.00	45	-2	W	1	adm	8	0.43	48	44	orm	og	odm	0.0	
	Malin Head	29.90	50	SW	3	c	29.94	40.02	47	-3	SW	2	c	1	Trace	51	46	cpm	egm	cm	*	
	Blacksod Point	29.89	51	SW	3	om	29.97	40.03	49	-2	SW	2	om	3	0.04	53	48	om	om	ompd	*	
	Valencia	29.98	52	S	3	orm	30.02	40.02	50	-3	-	0	adm	4	0.13	54	49	omd	omd	omd	0.0	
	Roche's Point	30.04	51	SW	3	f	30.04	*	50	-2	SSW	2	r	4	0.32	52	49	df	df	rf. d	*	
	Birr Castle	29.99	54	S	1	c	30.01	*	49	-4	SW	1	c	8	0.11	55	48	c	c	cp. c	0.0	
	Donaghadee	29.96	51	SW	2	c	29.97	40.00	48	-5	SW	1	orf	2	0.03	54	48	om	cm	opdm. o	0.0	
	Liverpool Obsy.	30.07	50	SW	2	o	30.02	-0.01	49	-1	SSE	1	rm	1	0.24	53	48	od	o	or	0.3	
	Holyhead	30.06	48	SW	2	fe	30.00	-0.02	49	-2	SW	1	rf	4	0.32	50	48	ofe	fe	fe. r	0.0	
	Pembroke (St. Ann's Hd.)	30.08	50	SW	5	f	30.04	-0.02	50	-1	SW	5	fd	4	0.21	?	50	f	fd	fd	0.0	
	Newquay	30.16	52	SW	3	ofe	30.11	-0.01	52	-1	SW	2	ofe	2	0.01	53	51	omd	odf	ofe	0.0	
	Scilly (St. Mary's)	30.17	52	WSW	4	fe	30.09	-0.01	52	0	SW	4	om	4	0.01	53	50	fe	fe	fe. om	0.0	
	Jersey (St. Aubin)	30.28	52	WSW	4	o	30.25	*	50	-2	WSW	2	ome	3	0.02	53	49	ome	omd	omd. me	0.0	
	Portland Bill	30.18	50	WSW	5	m	30.16	+0.01	50	+2	WSW	4	o	4	0.05	51	48	f	f	f. p. m. o	*	
	Dungeness	30.10	47	SW	5	fe	30.14	-0.02	47	0	SW	4	rf	4	0.40	48	42	m. o	om	orm	*	
	Dover	30.05	54	NW	4	bc	30.10	*	50	-1	SW	3	od	2	0.19	35	48	r. c	c. bc	bc. or. d	0.0	
Wick	29.91	39	SE	7	o	29.96	40.00	44	+2	SE	6	opdm	5	0.17	44	39	ormq	ompq	ompdq	*		
Nairn	29.90	43	SSW	1	o	29.95	*	41	0	-	0	c	1	0.38	45	39	r	d. c	c	0.0		
Aberdeen	30.04	41	SSE	4	r	30.08	+0.01	43	+2	SSE	4	r	4	0.32	44	40	or	r. o. or	or	0.0		
Leith	30.00	43	W	1	o	30.00	+0.02	44	0	WNW	1	om	8	0.32	45	42	or	d. og	om	*		
North Shields	30.04	43	E	3	r	30.08	40.00	42	-5	SE	4	r	4	0.32	48	42	r	r	or	0.0		
Spurn Head	30.04	43	ESE	3	o	30.06	40.00	40	-7	SE	6	orf	6	0.37	48	39	rf	od	f	0.0		
Yarmouth	30.07	43	E	3	orm	30.16	40.00	38	-14	E	4	orm	3	0.42	52	37	orm	orm	orm	0.0		
Clacton-on-Sea	30.06	52	W	2	c	30.12	40.00	42	-9	ESE	4	or	3	0.56	55	42	or. og	og. c	c. or	0.0		
Nottingham	30.08	53	W	2	c	30.06	*	50	-3	SW	1	r	8	0.27	56	48	om	om. c	o	0.0		
Bath	30.16	52	W	2	o	30.12	*	52	-2	W	3	o	8	0.15	56	51	od	d. o	od. r	0.0		
London (Kew Obsy.)	30.13	53	W	3	o	30.13	-0.01	51	-2	SW	1	or	8	0.12	55	50	o. om. o	od. o	o. cond. r	0.0		
ICELAND, FAEROE, &c.	Spitzbergen	29.58	21	S	3	s	29.48	+0.01	33	+19	W	3	o	*	*	33	12	Sheet early morning			GALES. Duration and Extreme Force in British Islands	
	Isafjord	28.96	46	S	5	r	29.21	+0.07	39	-8	SW	9	c	*	*	*	*					
	Reykjavik	29.06	41	S	2	o	29.45	+0.03	37	-4	-	0	o	*	*	*	*					
	Vestmanna	29.12	43	-	0	r	29.50	+0.03	39	-3	W	1	b	4	*	*	*	*				
	Seydisfjord	29.21	44	NE	5	r	29.31	+0.05	41	-1	-	0	c	*	*	*	*					
	Thorshavn	29.77	40	SSE	9	r	29.67	+0.01	47	+6	SW	5	r	*	*	*	*					
	Haparanda	30.40	-5	NE	4	o	30.66	+0.04	-17	-2	SW	2	b	*	-	44	-17					
SCANDINAVIA.	Hernösand	30.30	10	NE	4	b	30.69	+0.09	2	-11	N	4	c	*	-	13	2					
	Stockholm	29.91	30	NE	8	o	30.27	+0.11	17	+1	NNE	6	b	*	0.04	19	16					
	Wisby	29.72	23	NNE	9	o	30.04	+0.10	23	-6	NNE	9	o	*	0.08	29	21					
	Karlstad	30.21	11	NNE	6	b	30.51	+0.06	8	-15	NNW	2	bc	*	-	23	7					
	Vardö	30.28	23	NW	2	b	30.36	40.00	26	+14	W	4	o	3	?	26	9					
	Bodö	30.31	23	NE	5	b	30.51	+0.05	21	+5	N	5	o	4	-	30	16					
	Christiansund	30.28	23	SE	1	b	30.36	+0.02	25	+2	SSE	2	b	3	-	25	21					
	Skudesnaes	30.27	31	E	2	b	30.45	+0.03	27	-4	SE	6	b	4	-	32	27					
	Færder (X'ania Fjord)	30.30	23	NNE	7	o	30.53	+0.06	18	-8	NE	9	b	3	-	26	18					
	The Scaw (Skagen)	30.24	24	ENE	8	o	30.44	+0.05	20	-10	ENE	6	c	2	-	30	19					
Blaavands Huk	30.25	24	NE	3	bc	30.41	+0.04	19	-21	ENE	1	c	1	-	41	18						
GERMANY, &c.	Cuxhaven	30.13	29	NE	4	o	30.34	+0.04	26	-15	NE	4	c	1	-	41	25					
	Berlin	29.99	32	N	6	o	30.21	+0.07	24	-18	N	4	c	*	Trace	43	23					
	Frankfurt	29.99	44	SW	1	r	30.25	+0.04	31	-8	NE	1	c	*	0.16	45	33					
	Munich	29.98	38	W	7	r	30.23	+0.07	29	-5	N	3	o	*	0.49	38	29					
	The Helder	30.12	27	ENE	3	r	30.31	+0.02	30	-14	E	2	o	1	0.28	45	30					
	Brussels	30.07	49	NNW	4	r	30.20	+0.01	35	-12	ESE	2	r	*	1.02	51	34					
FRANCE.	C. Gris Nez	30.10	47	WSW	5	f	30.22	-0.02	47	-1	WSW	6	f	5	0.51	50	46					
	La Hève	30.23	48	W	5	f	30.24	*	46	-1	W	4	f	4	0.04	50	41					
	Ushant	30.26	52	SW	4	o	30.19	*	53	0	S	3	o	3	-	54	46					
	Brest (St. Mathieu)	30.32	51	SW	4	m	30.25	-0.02	52	0	S	4	o	4	-	54	50					
	Lorient (Bec Melen)	?	51	SW	3	m	?	*	51	-1	SSW	2	o	4	-	54	46					
	Rochefort (Ile d' Aix)	30.40	49	SW	2	m	30.34	-0.02	46	+4	W	2	o	m	0.04	50	41					
	Biarritz	30.43	54	SSW	4	b	30.30	-0.02	48	-4	ENE	2	m	1	0.04	54	46					
	Paris	30.21	53	W	3	o	30.23	40.00	50	+10	SW	2	o	*	Trace	53	40					
	Belfort	30.24	36	WSW	6	r	30.21	*	43	+13	W	7	f	*	0.75	43	30					
	Lyons	30.39	33	-	0	o	30.31	*	35	+8	WNW	1	f	*	0.04	36	27	</				

* Information for these columns not usually received.

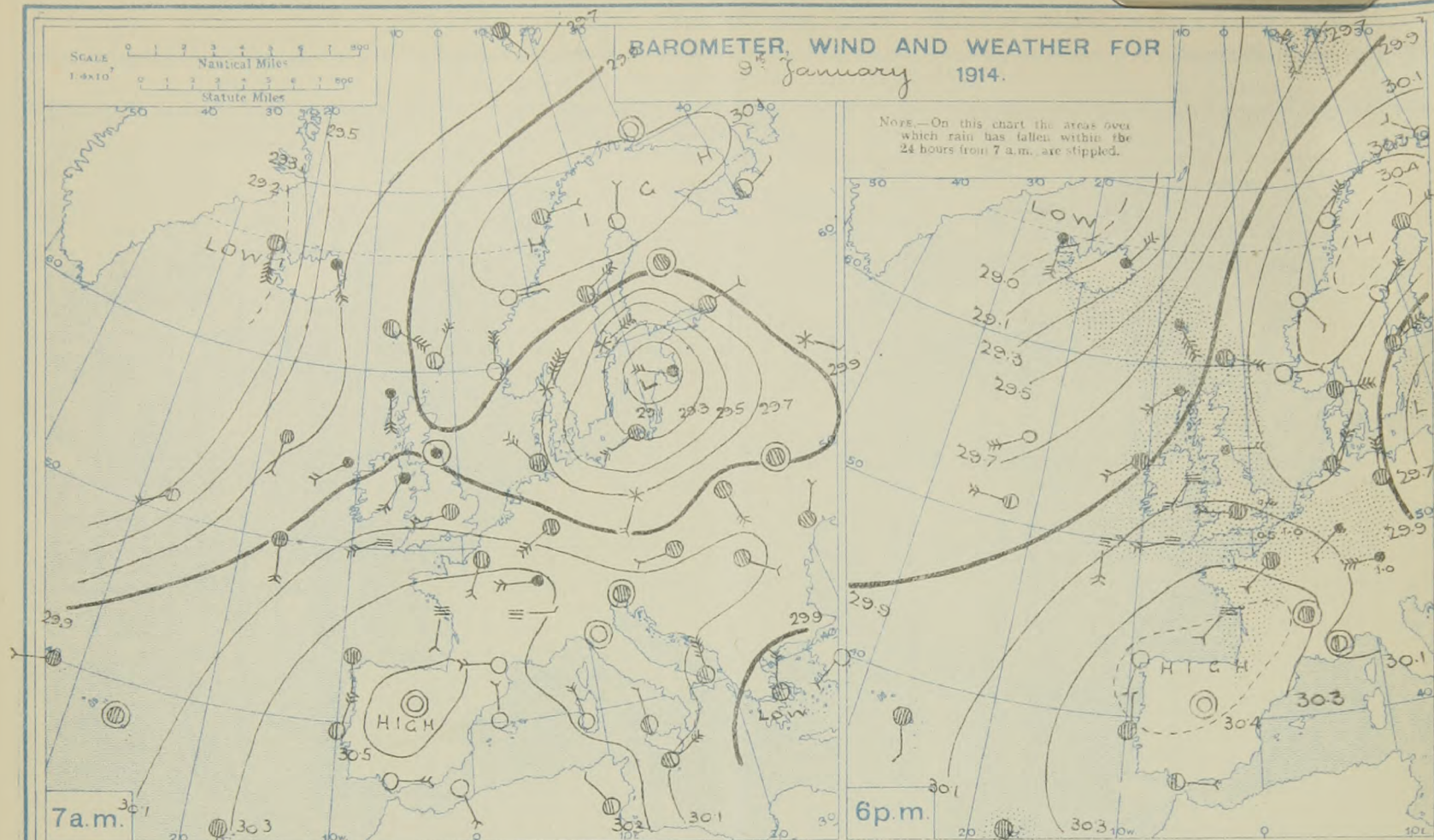
† Received too late for insertion in Charts.

SCALE
1:4x10⁷
Nautical Miles
Statute Miles

BAROMETER, WIND AND WEATHER FOR

9th January 1914.

NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m. are stippled.



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.

Cones hoisted at
8.55 a.m.

Western Channel and Bay. 11

Freshening South-Easterly winds, a gale at times; some rain turning to sleet or snow, finally fair; colder.

Wind becoming South-Easterly and freshening; dull and rainy, improving tomorrow; becoming appreciably colder.

Moderate South-Westerly winds, backing to South-East; dull and rainy; mild at first, then cooler.

Variable breezes, finally South-Easterly; dull, some rain; rather cooler.

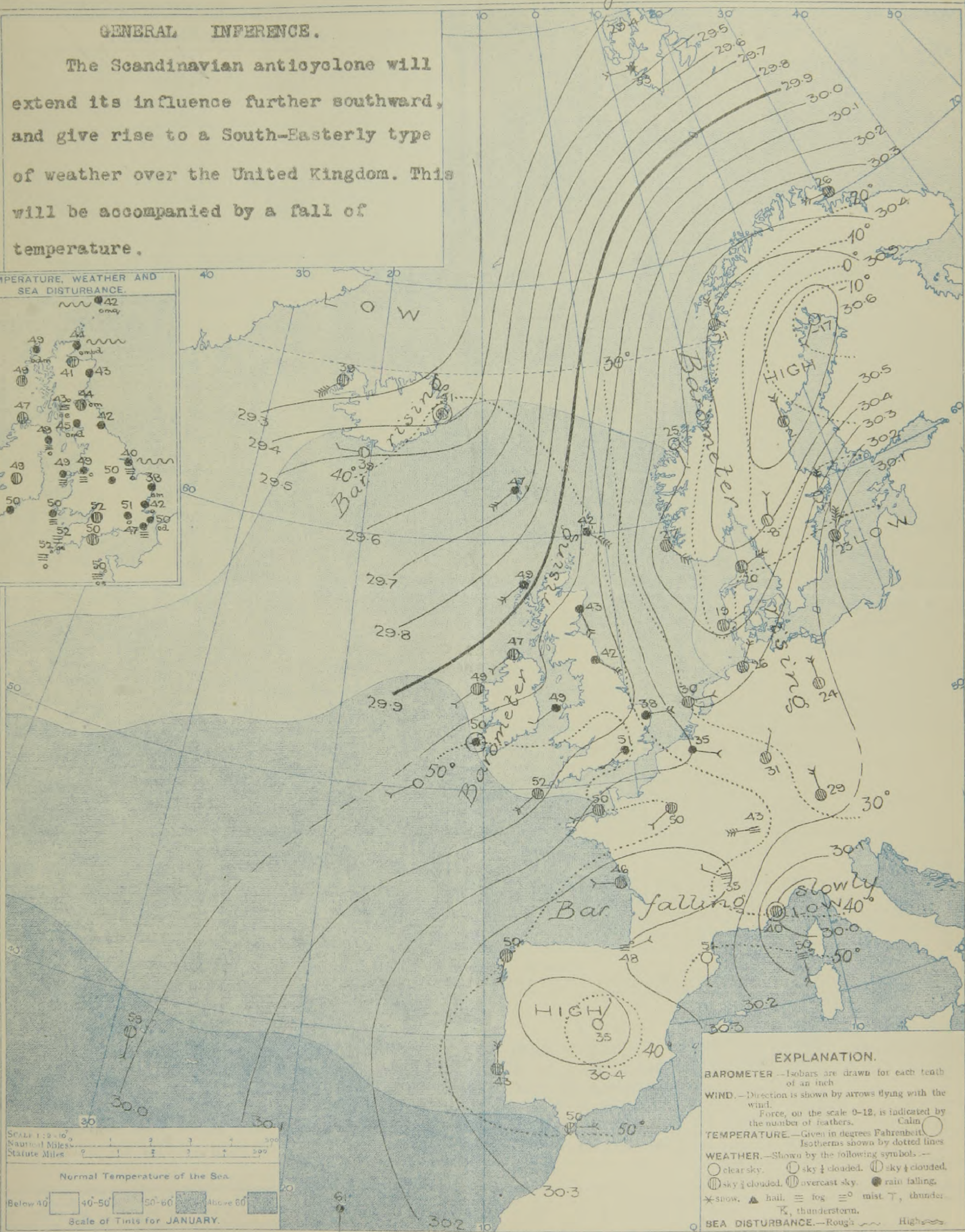
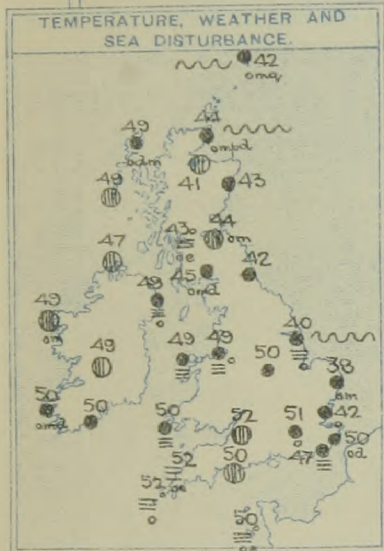
Light or moderate breezes, between South-East and South-West, and a moderate sea; cloudy, some mist or fog, rain at times; temperature falling.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 10th JANUARY, 1914.

GENERAL INFERENCE.

The Scandinavian anticyclone will extend its influence further southward, and give rise to a South-Easterly type of weather over the United Kingdom. This will be accompanied by a fall of temperature.



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.
- overcast sky.
- rain falling.
- hail.
- fog.
- mist.
- thunder.
- thunderstorm.

SEA DISTURBANCE.—Rough. High.

DAILY WEATHER REPORT.

Saturday, 10th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.	
					In.	In.		(0-12).							In.	In.		(0-12).	
10th 7am	50	14	Virginian	H	29.92	+0.1	WSW	1-3	b	9th 7am	50	25	Virginian	H	29.30	+0.3	WSW	4-5	bc
9th 6pm	50	21	Oceanic	O	29.79	+0.4	W	4-5	bc	"	49	16	Kronland	H	?	?	S	4-5	0
"	49	12	Kronland	H	30.60	+0.3	S	4-5	m	"	51	15	Cedric	H	?	?	SSW	6-7	?
"	51	10	Cedric	H	?	?	SSW	4-5	?	"	54	16	Hesperian	O	29.44	-0.6	SSW	4-5	0
"	54	20	Hesperian	O	29.53	+0.9	WSW	6-7	b										
"	50	20	Virginian	H	29.72	+0.8	W	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.	r.	d.	Hr.	England, S.E.	Margate	In.	F.	F.	c.	c.	Hr.
	St. Andrews	0.56	47	41	*	*	0.0		Ramsgate	0.17	55	42	*	*	0.0
Eng. N.E.	Harrogate	?	51	47	o	o.c	0.0	England, S.W.	Folkestone	0.10	54	44	od. om	om	0.0
	Scarborough	*	46	41	o	or	0.0		Littlestone	*	*	*	*	*	0.0
Eng. N.W.	Morecambe	?	49	43	dm	m.c	?	England, S.E.	Hastings	0.17	52	46	or. o	o	0.0
	Blackpool	0.54	49	46	oe	oe	0.0		Bexhill-on-Sea	0.17	52	45	o	o	0.0
Mid- lands.	Southport	0.42	49	45	ome	o. c. om	0.1	England, S.W.	Eastbourne	0.10	51	48	ow	og	0.0
	Buxton	0.54	50	43	cr	cr	0.0		Seaford	0.09	48	45	o	odg	0.0
Wales.	Leamington Spa	0.04	55	41	o	o	0.0	England, S.W.	Brighton	0.05	48	46	om. o	o. om	0.0
	Malvern	-	55	52	ce	ce	0.0		Worthing	0.02	51	46	oe	oe	0.0
England, E.	Rhyl	0.10	52	48	bc. b	bc	0.7	England, S.W.	Littlehampton	-	*	*	*	*	0.0
	Colwyn Bay	0.12	51	50	bc. b	bc	0.4		Southsea	-	52	44	o	o	0.0
England, E.	Llandudno	0.14	53	48	o	o	0.5	England, S.W.	Ryde	-	53	44	o	o	0.0
	Bettws y-Coed	-	51	46	or. o	or. f	0.0		Ventnor	0.05	52	47	*	*	0.0
England, E.	Aberystwyth	0.20	51	46	or. o	or. f	0.0	England, S.W.	Bournemouth	-	53	48	o	o	0.0
	Tenby	0.29	53	50	d	f	0.0		Hythe	0.07	54	41	or	o	0.0
England, E.	Lowestoft	0.23	53	44	or	or. f	0.0	England, S.W.	Weymouth	0.02	52	50	o	c	0.0
	Felixstowe	0.29	55	40	d. om	me. p. o	0.0		Exmouth	-	56	51	o	o	0.0
England, E.	Walton-on-Naze	0.23	56	40	od. e	bc. m. om	0.0	England, S.W.	Teignmouth	-	56	51	o	o	0.0
	Southend-on-Sea	0.06	54	39	p	o	0.0		Torquay	0.01	54	49	o	o	0.0
England, E.	Lowestoft	0.23	53	44	or	or. f	0.0	England, S.W.	Paignton	0.02	54	51	od	o	0.0
	Felixstowe	0.29	55	40	d. om	me. p. o	0.0		Falmouth	0.07	53	51	mdg	mdg	0.0
England, E.	Walton-on-Naze	0.23	56	40	od. e	bc. m. om	0.0	England, S.W.	Bude	0.07	53	50	dp	dp	0.0
	Southend-on-Sea	0.06	54	39	p	o	0.0		Ilfracombe	0.04	53	50	om. fe	om. fe	0.0
England, E.	Lowestoft	0.23	53	44	or	or. f	0.0	England, S.W.	Weston-super-Mare	0.13	50	46	df	c. bcd	0.0
	Felixstowe	0.29	55	40	d. om	me. p. 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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	87	98	0.0	55	50	44	0.18	o	o. or
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	88	97	0.0	56	51	43	0.17	o	or. om
Camden Sq. (Brit. Rainfall)	89	98	0.0	56	51	43	0.16	ow	ow
Hampstead (Reservoir)	*	99	0.0	53	49	38	0.16	omr	om
Richmond Park	*	*	0.0						
Kew. (See front page.)	*	*	0.0						
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				56 Joules		7.0 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.	In.	F.	F.	F.		Hr.
Plymouth to 9 p.m.	0.01	56	54	52	op	o.c
Darwen	1.13	51	47	45	or	or. oru
Manchester	0.38	53	49	*	o. or. o	op
Birmingham	0.01	54	50	43	o	o
Oxford to 8 p.m.	*	55	50	45	ad	og
S. Kensington (Museum Grounds to 6 p.m.)						
0.05 56 50 47 0 og. o 0 *						

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

10th & 11th Jan., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	8.3	12.1	3.59
	8.2	12.1	4.0
Greenwich	8.5	12.8	4.11
	8.4	12.8	4.12
Wick	8.58	12.20	3.42
	8.57	12.20	3.43
Valencia	8.48	12.49	4.50
	8.47	12.49	4.51

NOTES ON YESTERDAY'S WEATHER.

Dull, damp weather prevailed over the whole of the country. Rain fell in all districts, the amounts attaining to 0.5 in. at several of our stations. Heavy rain is also reported from Munich and Brussels. Temperature was very mild, the maximum reached 56° at Nottingham and Bath, and even the minima were above 50° in many cases.

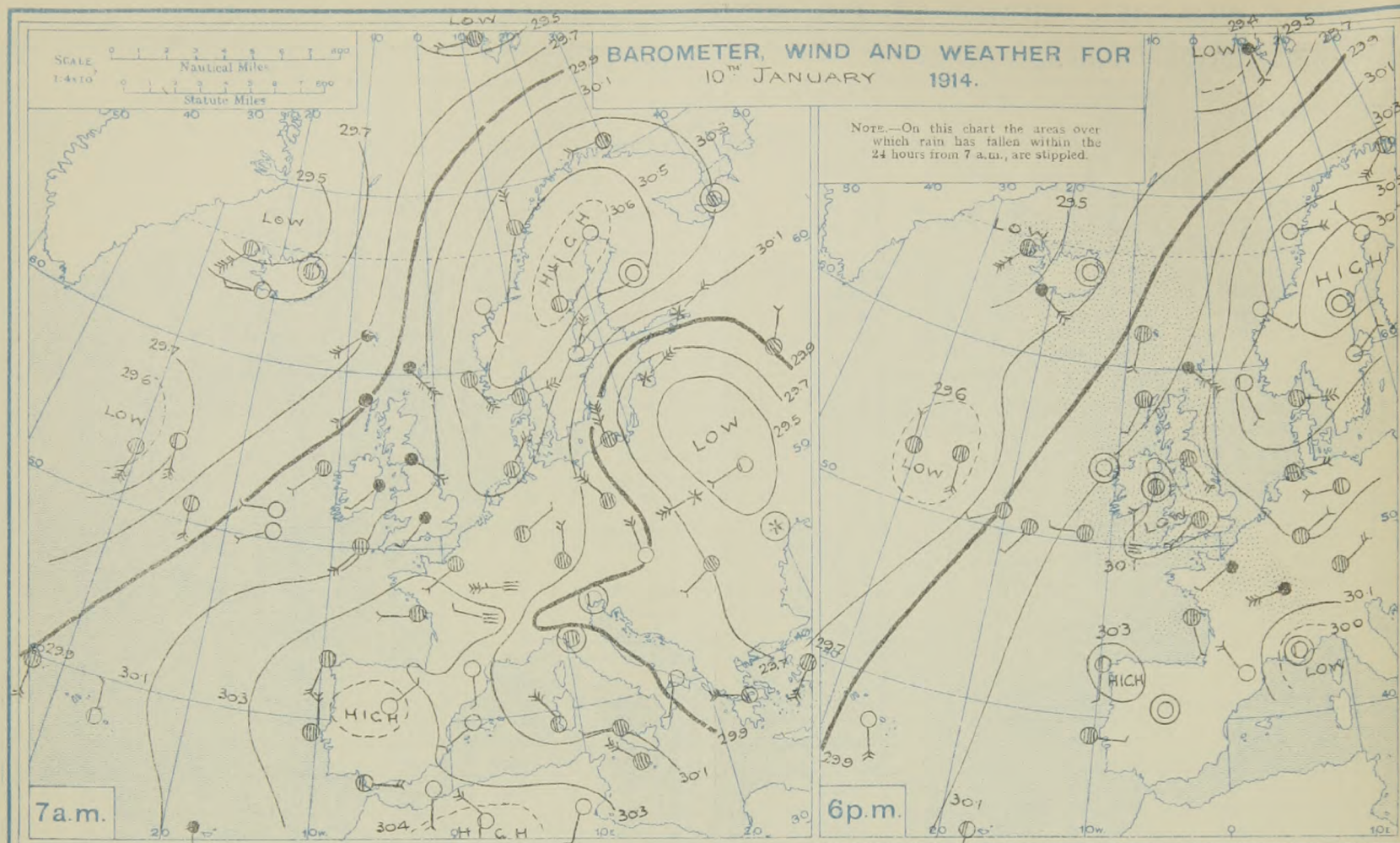
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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,
11th January, 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.		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.
		In.	F.				In.	In.	F.							In.	F.	F.				Hours.	
BRITISH ISLANDS.	Lerwick ...	30.17	41	SE	9	org	30.33	+0.16	42	0	SE	9	cg	8	0.28	42	39	org	org	org	org	0.6	
	Stornoway ...	30.07	47	SSW	1	o	30.18	+0.02	47	-2	S	5	cg	4	0.05	49	45	odp.c	c.b.c	c.c	0.8		
	Castlebay (Barra Isd.)	30.06	47	SSW	1	c	30.19	+0.04	47	-2	SSE	4	o	4	Trace	49	46	o.b.c	b.c.p.e	c.o	0.0		
	Glasgow ...	30.13	44	ENE	1	ome	30.31	+0.05	38	-5	E	2	odg	*	0.05	45	37	odp.m.e	op.meg	ompd	0.0		
	Eskdalemuir...	30.18	40	ESE	1	om	30.36	+0.04	33	-12	E	1	o	*	0.04	46	32	.	.	o	0.0		
	Malin Head ...	30.12	46	W	1	o	30.17	+0.01	45	-2	SSW	3	m	1	0.01	49	44	bem	ogmp	om	*		
	Blacksod Point	30.09	42	-	0	b	30.16	+0.02	45	-4	WSW	1	cg	1	0.07	50	41	b.c.d	b.c	b.c	*		
	Valencia ...	30.14	48	-	0	om	30.14	-0.01	45	-5	-	0	b	1	0.02	50	37	om	om	bem	0.4		
	Roche's Point ...	30.13	48	N	1	o	30.19	*	45	-5	E	1	o	2	0.07	51	45	fd	fe.o	a.c.o	*		
	Birr Castle ...	30.12	48	W	1	o	30.18	*	42	-2	W	1	m	*	0.01	49	41	cd	cam	cf	0.0		
	Donaghadee ...	30.10	49	-	0	fe	30.24	+0.02	43	-5	S	3	c	3	0.03	50	43	fe	fe	fe.om	*		
	Liverpool Obsy. ...	30.13	42	ESE	1	o	30.29	+0.03	36	-13	E	2	o	2	0.07	50	35	odg	ag	om	0.0		
	Holyhead ...	30.10	48	-	0	om	30.20	+0.01	39	-10	E	5	bm	5	0.08	49	30	fr.c.	a.p.d.c	ofe.b.c	0.0		
	Pembroke (St. Ann's Hd.)	30.09	49	NW	1	f	30.19	+0.03	44	-6	E	3	ogm	3	0.09	50	43	fd	fd	ofe	0.0		
	Newquay ...	30.06	50	-	0	f	30.14	+0.02	47	-5	NE	1	fe	3	0.14	53	47	of.d	of.d	ofe	0.0		
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	30.08	51	N	3	fe	30.15	-0.01	49	-3	NW	2	o	3	0.07	53	47	fe	fe	fe.om	0.0		
	Jersey (St. Aubin) ...	30.15	50	SSW	3	oe	30.13	*	47	-3	NNE	3	om	3	0.13	52	47	and.oe	bem	omdom	0.0		
	Portland Bill ...	30.08	48	WSW	3	odm	30.16	+0.04	46	-4	NNE	3	o	4	0.04	50	46	of. fd	ad	ofe.c	*		
	Dungeness ...	30.11	47	SW	3	f	30.11	+0.02	38	-9	NE	6	o	4	0.03	48	36	fo.c	c of	f.op	*		
	Dover ...	30.06	50	W	3	oe	30.15	*	34	-16	NE	6	o	6	0.10	?	32	of.o	oe om	a	0.0		
	Wick ...	30.11	43	S	6	r	30.27	+0.04	41	-3	S	6	cm	5	0.14	44	40	ompd	omr	omcm	*		
	Nairn ...	30.10	45	-	0	org	30.26	*	41	0	-	0	cg	1	Trace	49	40	cg	cg	c.b.c	0.1		
	Aberdeen ...	30.22	41	SSE	4	r	30.39	+0.03	40	-3	SSE	4	o	5	0.17	44	39	of	of	of.o	0.0		
	Leith ...	30.13	44	SSE	3	o	30.32	+0.06	37	-7	ESE	3	o	*	0.24	47	37	omd.op	og	c.of	*		
	North Shields ...	30.21	39	SE	4	o	30.39	+0.02	37	-5	SE	2	c	5	0.22	42	35	r	r.o	r.o.c	0.0		
	Spurn Head ...	30.14	37	ESE	6	r	30.34	+0.01	35	-5	ESE	5	cg	6	0.57	40	30	or	or	os	0.0		
	Yarmouth ...	30.16	36	ESE	6	omr	30.32	+0.02	32	-6	E	7	bcg	4	1.15	39	31	omr	omr	omr	0.0		
	Clacton-on-Sea ...	30.08	41	ESE	4	ogmr	30.20	+0.03	34	-8	NE	4	c	3	0.46	42	34	ogmr	ogmr	ogmr	0.0		
	Nottingham...	30.13	39	NE	4	o	30.33	*	34	-16	NE	4	o	*	0.28	51	33	m	r.ome	do	0.0		
	Bath ...	30.10	52	W	1	Y	30.23	*	37	-15	NE	5	o	*	Trace	55	36	o	od	d.oq	0.1		
London (Kew Obsy.)...	30.08	52	SW	2	o	30.23	+0.05	36	-15	NE	3	o	*	0.01	54	35	or.o	od.o	a.om	0.4			
SCANDINAVIA.	Spitzbergen ...	29.39	34	S	3	r	29.41	+0.10	22	-11	S	2	o	*	?	34	19	GALES. Duration and Extreme Force in British Islands Lerrick 7am-7am. SE-10.					
	Isafjord...	29.41	39	SW	8	o	29.32	+0.10	35	-4	SW	7	r	*	*	*	*						
	Reykjavik ...	29.43	39	SE	4	r	29.51	+0.06	35	-2	WSW	3	o	*	*	*	*						
	Vestmanna ...	29.52	41	SE	6	r	29.56	+0.02	38	-1	W	4	c	2	*	*	*						*
	Seydisfjord ...	29.65	36	-	0	b	29.49	+0.03	44	+3	SW	1	c	*	*	*	*						
	Thorshavn ...	29.93	46	SSW	3	o	30.03	+0.03	46	-1	SSW	4	o	*	*	*	*						
	Haparanda ...	30.78	-21	SW	2	b	30.80	+0.02	-24	-7	E	2	b	*	-	19	-24						
GERMANY, &c.	Hernösand ...	30.78	-10	-	0	b	30.88	+0.02	-5	-7	N	2	c	*	-	2	-11						
	Stockholm ...	30.52	44	NE	2	b	30.68	+0.04	7	-10	NNE	2	b	*	-	19	7						
	Wisby ...	30.32	26	NE	6	s	30.50	+0.04	20	-3	NE	4	s	*	0.24	27	19						
	Karlstad ...	30.66	7	N	2	b	30.78	+0.02	9	+1	NNW	2	o	*	-	16	3						
	Vardö ...	30.31	19	SW	6	bc	30.31	-0.02	14	-12	SW	8	b	4	-	27	10						
	Bodö ...	30.54	20	E	4	b	30.55	+0.01	19	-2	E	4	b	1	-	21	16						
	Christiansund ...	30.47	28	SE	1	b	30.59	+0.04	26	+1	SE	2	b	3	-	28	25						
	Skudesnaes ..	30.52	29	SSE	2	b	30.66	+0.02	27	0	SSE	2	b	2	-	29	27						
	Færder (Xiania Fjord)	30.67	18	NNE	6	b	30.76	+0.04	20	+2	NE	6	o	2	-	20	16						
	The Scaw (Skagen)...	30.59	23	E	7	o	30.67	+0.04	21	+1	E	7	bc	2	-	25	19						
FRANCE.	Blaavands Huk ...	30.50	23	E	2	o	30.58	+0.02	22	+3	E	2	o	1	-	23	18						
	Cuxhaven ...	30.40	26	E	3	o	30.47	+0.01	26	0	E	4	o	-	-	27	25						
	Berlin ...	30.32	23	W	3	c	30.36	+0.01	28	+4	N	2	o	*	Trace	30	23						
	Frankfurt ...	30.30	28	NE	2	o	30.34	+0.02	20	-11	NE	2	bc	*	-	43	19						
	Munich ...	30.28	26	NE	3	o	30.31	+0.01	19	-10	NE	5	o	*	-	29	18						
	The Helder ...	30.31	28	E	4	c	30.39	+0.03	24	-6	E	4	c	3	-	30	23						
	Brussels ...	30.17	33	ESE	2	r	30.16	+0.02	27	-8	ENE	4	s	*	0.55	35	26						
	C. Gris Nez...	30.12	47	WSW	3	f	30.09	+0.02	33	-14	ENE	6	o	5	0.20	43	32						
	La Hève ...	30.17	49	WSW	4	o	30.06	*	45	-1	NNW	5	f	4	0.32	50	43						
	Ushant...	30.11	54	W	4	f	30.15	*	54	+1	NNW	3	f	5	-	54	46						
SPAIN, PORTUGAL, &c.	Brest (St. Mathieu) ...	30.17	52	SW	4	f	30.17	-0.01	50	-2	N	1	f	5	0.08	54	50						
	Lorient (Bec Melen)...	30.14	52	SW	4	f	30.11	*	52	+1	NW	2	o	5	-	52	46						
	Rochefort (Ile d' Aix)	30.28	47	SSE	2	o	30.14	-0.03	50	+4	SSW	3	r	*	0.04	50	46						
	Biarritz ...	30.26	50	ENE	1	c	30.18	-0.01	48	0	SSE	2	m	2	-	54	46						
	Paris ...	30.19	49	SW	2	r	30.04	-0.04	46	-4	S	1	o	*	0.29	52	46						
	Belfort ...	30.19	43	WSW	6	r	30.15	*	31	-12	ENE	4	r	*	0.24	43	31						
	Lyons ...	30.30	42	NNE	1	o	30.13	*	39	+4	WNW	1	o	*	-	50	35						
Nice ...	29.97	42	-	0	b	29.98	+0.01	46	+6	-	0	bc	2	-	35	40							
Perpignan ...	30.17	56	NW	3	b	30.09	-0.01	51	0	SW	2	b	*	-	65	49							
PORTUGAL, &c.	Sanguinaire ...																						
	Corunna (8 a.m.) ...	30.32	59	S	1	bc	30.25	-0.07	46	-4	SSE	2	o	3	-	59	43						
	Lisbon (9 a.m.) ...	30.26	53	E	1	o	30.23	+0.03	46	+3	N	3	o	6	-	55	43						
	Gibraltar ...																						
	Azores (Horta, 8 a.m.)	29.88		S	5	o	29.82	+0.06	59	0	SW	1	o	3	0.04	63	59						
	Madeira (Funchal) ...	30.17	60	S	3	bc	30.11	+0.06	59	-2	S	3	o	3	-	66	55						



FORECASTS FOR THE 24 HOURS: NOON SUNDAY TO NOON MONDAY.

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 in Districts 0 to 3 at 8.55 a.m. yesterday and North Cone in District 5 at 8.55 a.m. to-day.

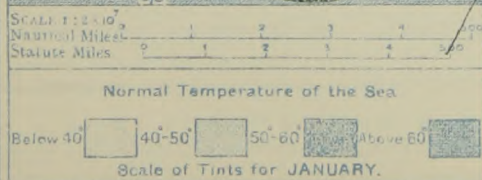
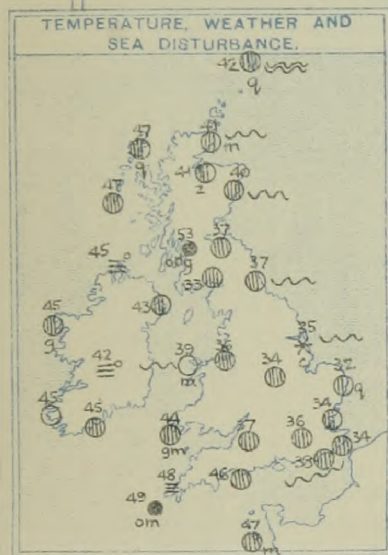
Western Channel and Bay. 11

NONE ISSUED.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., SUNDAY, 11TH JANUARY, 1914.

GENERAL INFERENCE.



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 2/3 clouded. ○ overcast sky. ● rain falling.
✱ snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.
T, thunderstorm.

SEA DISTURBANCE.—Rough wavy High

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.	
11th 7 a.m.	54	19	Caledonia	H	29.73	+0.11	S	6-7	0	10th 7 a.m.	52	29	Caledonia	H	29.35	+0.07	SSW	(0-12)	0
10th 6 p.m.	52	29	Hesperian	O	29.54	+0.1	N	1-3	0	"	53	25	Hesperian	O	29.64	-0.11	S	4-5	bc
"	53	24	Caledonia	H	29.53	+0.6	S	4-5	0	"	50	22	Canada	H	30.07	-0.00	S	4-5	c
"	51	19	Dominion	O	29.94	-0.2	WSW	1-3	c	"	51	14	Dominion	O	29.96	+0.02	W	1-3	b
"	51	17	Canada	H	30.17	-0.0	ESE	4-5	c	"	50	13	Minnewaska	O	30.07	+0.02	W	1-3	0
"	50	17	Minnewaska	O	30.07	-0.2	SW	1-3	0										
"	50	10	Menominee	O	30.18	+0.3	NW	4-5	0										
"	50	10	Montezuma	O	30.12	?	W	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.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scot. land.	Oban	In.	F.	F.					Margate	In.	F.	F.				
	St. Andrews								Ramsgate							
Eng. N.E.	Harrogate	0.50	40	36	or	op	0.0		Folkestone	0.34	50	45	omr	omr	0.0	
	Scarborough								Littlestone						0.0	
Eng. N.W.	Morecambe	0.33	47	40	dm	bc	0.5		Hastings	0.22	52	49	on o	f	0.0	
	Blackpool	0.35	49	39	r.o	o	0.0		Bexhill-on-Sea	0.14	51	47	o	om	0.2	
Mid- lands.	Southport	0.36	48	39	od.r	o.be	0.0		Eastbourne	0.16	53	48	o.be.o	om	0.1	
	Buxton	0.43	48	39	cr.e	cr	0.0		Seaford	0.17	49	45	of.c	f	0.1	
Wales.	Leamington Spa	0.31	52	45	od.o	od.o	0.0		Brighton	0.08	49	45	om	om	0.0	
	Malvern	0.06	53	50	p	bce	0.0		Worthing	0.08	50	47	oe	ced	0.0	
England, E.	Rhyl	0.37	50	43	o.or	on.o	0.0		Littlehampton	0.04					0.0	
	Colwyn Bay								Southsea							
England, S.W.	Llandudno								Ryde							
	Bettws-y-Coed								Ventnor							
England, S.W.	Aberystwyth	0.44	48	46	r.of	f.of	0.0		Bournemouth	0.03	52	50	od	od.o	0.0	
	Tenby								Hylhe	0.33	50	41	o	o	0.0	
England, S.W.	Lowestoft								Weymouth	0.02	51	50	cme	mod	0.0	
	Felixstowe	0.57	41	39	m.or	m.oqr	0.0		Exmouth							
England, S.W.	Walton-on-Naze	0.50	41	40	od.m.or	or	0.0		Teignmouth	0.01	54	50	o	om	0.0	
	Southend-on-Sea	0.27	50	47	op	op	0.0		Torquay	0.06	53	51	do	do	0.0	
									Paignton	0.11	53	51	o.od	od	0.0	
									Falmouth	0.08	53	51	md	md	0.0	
									Bude	0.14	52	50	atm.	beod.fe	0.0	
									Ilfracombe	0.35	53	49	odef	d.ef	0.0	
									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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	87	79	0.0	54	33	30	0.01	o	op.o	op
City (Sunhill Row)			0.0							
Westminster (St. James's Pl.)	95	79	0.2	54	35	35	0.0	od.o	e.be	bc
Camden Sq. (Brit. Rainfall)	85	81	0.0	54	34	31	0.01	od.o	og	
Hampstead (Reservoir)		77	0.0	50	31	24		od.o	bce	c
Richmond Park			0.1							
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.)				140 Joules		25.5 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.	0.17	51	49	48	or	ag
Plymouth to 9 p.m.	0.18	52	50	47	o	od
Darwen	0.44	48	35	43	omr	our
Manchester	0.44	50			oor	oro
Birmingham	0.47	51	39	46	n	ro
Oxford to 8 p.m.		53	50	47	or	or
S. Kensington (Museum Grounds to 6 p.m.)	0.19	54	51	45	oor	op.o

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

11th Jan. 1914.	Sunrise	Noon	Sunset
Yarmouth	G.M.T. 8.2	G.M.T. 12.1	G.M.T. 4.0
Greenwich	8.2	12.1	4.1
Wick	8.4	12.8	4.12
Valencia	8.3	12.8	4.13
	8.57	12.20	3.43
	8.56	12.20	3.44
	8.47	12.49	4.51
	8.47	12.49	4.52

NOTES ON YESTERDAY'S WEATHER.

Over the central and southern parts of the United Kingdom the thermometer rose to 50° and upwards, but at some of our east coast stations it did not reach 40°. In most places there was an entire absence of bright sunshine. Rain fell generally, heavily in the north and east of England. Wireless reports showed that between the Irish coasts and the 20th meridian the wind was light and variable; further to the west it was strong to high from the Southward; the weather was generally fair.

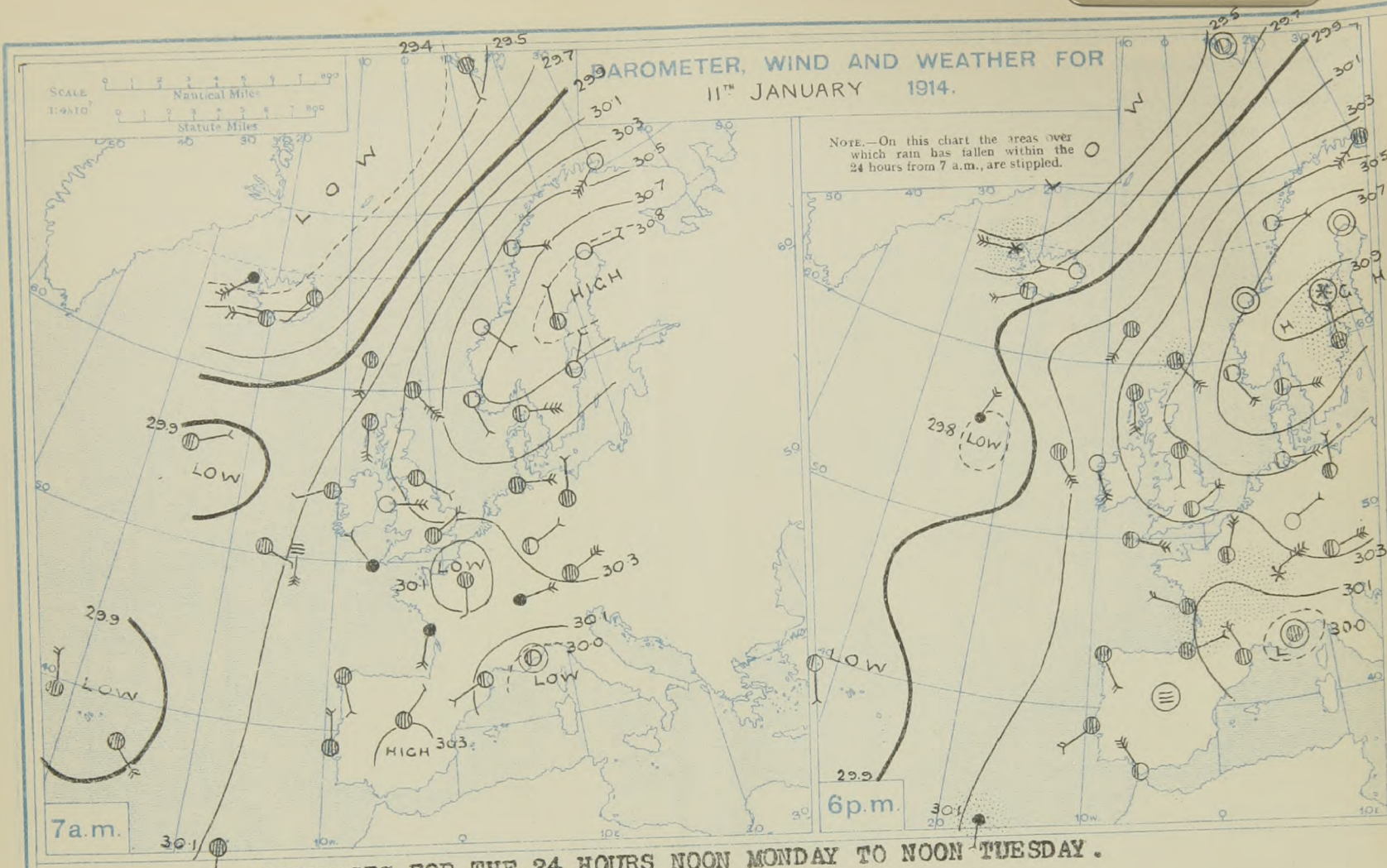
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; 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.

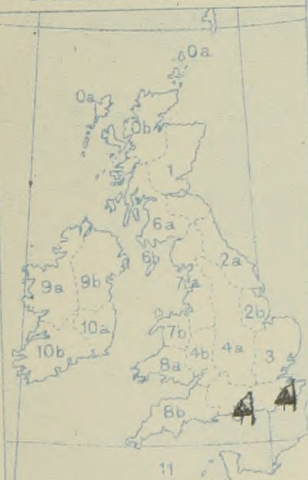
Monday,
12th January, 1914.

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).	Dir.		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.	
		In.	F.				In.	F.							In.	F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	30.44	41	SE	6	og	30.58	+0.3	41	-1	SE	6	og	6	0.02	42	40	og	og	og	*		
	Stornoway ...	30.33	44	S	5	og	30.49	+0.4	40	-7	SSW	4	o	4	-	47	40	og	og	og	0.0		
	Castlebay (Barra Isd.)	30.32	44	SE	6	odp	30.51	+0.4	39	-8	SE	5	o	6	-	47	39	odp	dp	dp	0.0		
	Glasgow ...	30.46	34	E	1	c	30.62	+0.5	29	-9	NE	2	b	*	0.02	38	27	o	o.c	c.b.c	0.0		
	Eskdalemuir ...	30.45	28	-	0	b	30.62	+0.4	29	-4	E	3	ox	*	-	33	22	c.b	b	bc.ox	5.0		
	Malin Head...	30.31	38	SSE	5	bc	30.47	+0.3	33	-12	SE	4	b	3	-	45	32	bc	bc	bc	*		
	Blacksod Point	30.27	45	SSE	4	br	30.32	+0.1	39	-6	SE	3	bc	3	Trace	47	37	c.br	br	bc	*		
	Valencia ...	30.18	47	ESE	4	bq	30.28	+0.4	44	-1	ESE	5	c	4	-	51	43	br	br	bc	5.6		
	Roche's Point ...	30.25	46	E	4	o	30.38	*	41	-4	E	4	o	4	-	49	40	o.c	o	og	*		
	Birr Castle ...	30.26	44	SE	1	o	30.40	*	33	-9	SE	1	b	*	-	46	32	f	o	c.b.c	0.0		
	Donaghadee ...	30.39	39	SE	4	bc	30.52	+0.3	37	-6	SE	3	bc	4	-	43	33	c	unben	bc	*		
	Liverpool Obsy. ...	30.43	32	E	3	b	30.56	+0.3	31	-5	ESE	4	om	3	-	35	29	om	bm	bc	1.9		
	Holyhead ...	30.33	35	E	5	bm	30.47	+0.4	33	-6	E	2	om	2	-	40	31	c. om	a.c. ben	bc. om	0.0		
	Pembroke (St. Ann's Hd.)	30.30	34	ENE	3	b	30.43	+0.3	32	-12	E	4	bc	3	Trace	44	31	ogm	c	b	0.0		
	Newquay ...	30.23	39	ESE	3	c	30.38	+0.3	31	-16	E	2	b	2	-	48	29	of. om	om	bc. bc	0.0		
	Scilly (St. Mary's) ...	30.22	45	ESE	5	cm	30.31	+0.3	40	-9	ESE	5	cm	5	Trace	50	39	cm	cm	cm	0.0		
	Jersey (St. Aubin) ...	30.17	41	NE	4	om	30.35	*	33	-14	NE	5	bc	4	-	47	33	om	om	c.b.c	0.0		
	Portland Bill ...	30.29	34	NE	5	b	30.41	+0.2	35	-11	ENE	6	c	4	-	47	32	o.b.c	bc	bc.e	*		
	Dungeness ...	30.26	33	NE	5	bc	30.44	+0.2	32	-6	NE	5	ou	4	-	31	31	om	bc	bc.e	*		
	Dover ...	30.30	31	NE	4	bc	30.47	*	30	-4	ENE	5	c	6	-	33	29	o.c	c.b.c	bc.e	1.5		
Wick ...	30.38	40	S	6	cm	30.55	+0.3	39	-2	S	5	cm	5	-	41	38	cm	cm	cm	*			
Nairn ...	30.39	36	-	0	c	30.57	*	30	-11	-	0	bc	1	-	43	28	og	bc	bc	0.0			
Aberdeen ...	30.51	39	SSE	4	o	30.65	+0.3	39	-1	SSE	3	o	3	-	40	37	o	o	o	0.0			
Leith ...	30.44	36	ESE	3	b	30.60	+0.4	35	-2	ENE	1	o	*	Trace	38	33	o	bz	bc	*			
North Shields ...	30.49	36	S	2	o	30.62	+0.3	37	0	SE	3	o	5	-	38	36	o	o	o	0.0			
Spurn Head ...	30.44	34	E	5	c	30.57	+0.4	34	-1	ENE	4	ops	5	-	39	32	c	cg	c	0.0			
Yarmouth ...	30.43	33	E	6	c	30.56	+0.2	32	0	E	4	cg	4	-	34	30	bc	bc	cg	2.7			
Clacton-on-Sea ...	30.33	35	ESE	6	bc	30.50	+0.3	33	-1	ENE	4	o	3	-	35	32	c.b.c	bc	bc.e	4.4			
Nottingham...	30.44	32	E	4	o	30.56	*	31	-3	E	1	o	*	-	34	31	o	c.o	o.c	0.1			
Bath ...	30.34	30	E	4	bc	30.49	*	33	-4	E	4	o	*	-	37	29	o.b.c	b.b.c	c.b.c	4.1			
London (Kew Obsy.)...	30.36	34	NE	4	c	30.49	+0.4	33	-3	NE	3	o	*	-	36	33	a.c.m	cm.c	c.o	0.1			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.54	14	-	0	bc	29.02	-0.8	11	-11	-	0	S	*	?	22	10	*	*	*	*		
	Isafjord...	29.51	29	W	6	S	29.99	+0.9	36	+1	SW	4	c	*	*	*	*	*	*	*	*		
	Reykjavik ...	29.80	33	WSW	4	c	30.12	+0.2	35	0	-	0	o	*	*	*	*	*	*	*	*		
	Vestmanna ...	29.87	35	WSW	4	bc	30.15	+0.2	37	-1	S	2	c	2	*	*	*	*	*	*	*		
	Seydisfjord ...	29.76	37	W	2	b	30.13	+0.5	39	-5	SW	2	c	*	*	*	*	*	*	*	*		
	Thorshavn ...	30.13	46	SSW	6	o	30.33	+0.5	47	+1	SW	5	o	*	*	*	*	*	*	*	*		
SCANDINAVIA.	Haparanda ...	30.82	16	-	0	b	30.62	-0.6	3	+27	SW	2	b	*	-	16	-24	*	*	*	*		
	Hernösand ...	30.93	-4	-	0	S	30.88	-0.2	1	+6	-	0	c	*	0.08	1	-8	*	*	*	*		
	Stockholm ...	30.79	13	N	4	o	30.83	+0.1	13	+6	N	4	o	*	Trace	14	10	*	*	*	*		
	Wisby ...	30.59	22	NE	4	b	30.71	+0.4	18	-2	NE	2	b	*	Trace	22	16	*	*	*	*		
	Karlstad ...	30.86	14	-	0	bc	30.90	0.0	5	-4	N	2	o	*	Trace	16	3	*	*	*	*		
	Vardö ...	30.31	21	SW	8	o	30.10	-1.0	23	+9	SW	6	c	3	-	23	7	*	*	*	*		
GERMANY, &c.	Bodö ...	30.58	23	E	2	b	30.44	-0.5	28	+9	E	2	o	2	-	28	18	*	*	*	*		
	Christiansund ...	30.67	25	-	0	b	30.71	0.0	33	+7	NW	3	o	3	-	33	23	*	*	*	*		
	Skudesnaes ..	30.80	25	SE	4	b	30.84	0.0	23	-4	ESE	4	b	2	-	27	23	*	*	*	*		
	Færder (K'lania Fjord)	30.84	18	NE	5	o	30.88	0.0	15	-5	NNE	6	o	2	-	20	14	*	*	*	*		
	The Scaw (Skagen)...	30.76	22	E	6	bc	30.80	+0.1	21	0	E	5	o	2	-	23	19	*	*	*	*		
	Blaavands Huk ...	30.67	21	ENE	2	o	30.64	+0.1	24	+2	NE	3	o	2	-	25	19	*	*	*	*		
FRANCE.	Cuxhaven ...	30.55	26	E	4	b	30.56	0.0	27	+1	NE	3	o	0	-	28	25	*	*	*	*		
	Berlin ...	30.41	27	N	2	c	30.47	+0.4	24	-4	ENE	2	o	*	Trace	28	23	*	*	*	*		
	Frankfurt ...	30.38	25	NE	2	b	30.43	+0.1	23	+3	NE	1	S	*	-	28	19	*	*	*	*		
	Munich ...	30.30	19	ENE	6	o	30.34	+0.1	16	-3	E	6	o	*	-	21	10	*	*	*	*		
	The Helder ...	30.49	29	ENE	5	b	30.60	+0.3	26	+2	ENE	2	o	1	-	30	24	*	*	*	*		
	Brussels ...	30.37	25	ENE	4	b	30.48	+0.4	19	-8	NE	2	b	*	-	28	18	*	*	*	*		
SPAIN, PORTUGAL, &c.	C. Gris Nez...	30.28	27	ENE	5	bc	30.46	+0.2	26	-7	ENE	6	bc	5	-	36	25	*	*	*	*		
	La Hève ...	30.17	34	NE	3	m	30.37	*	25	-20	NE	3	m	2	-	45	23	*	*	*	*		
	Ushant...	30.15	46	E	4	o	30.24	*	39	-15	E	3	c	3	-	54	34	*	*	*	*		
	Brest (St. Mathieu)...	30.20	47	ENE	2	m	30.28	+0.2	35	-15	ESE	2	bc	3	-	54	35	*	*	*	*		
	Lorient (Bec Melen)...	?	46	NE	4	o	?	*	36	-16	NE	5	o	3	-	52	32	*	*	*	*		
	Rochefort (Ile d'Alx),	30.10	48	WNW	3	o	30.16	+0.3	35	-15	NE	5	o	*	0.04	50	34	*	*	*	*		
FRANCE.	Biarritz ...	30.13	50	ENE	2	o	30.10	-0.1	49	+1	ESE	2	r	2	0.71	52	48	*	*	*	*		
	Paris ...	30.15	32	NNE	4	o	30.32	+0.4	24	-22	NE	4	b	*	0.08	49	23	*	*	*	*		
	Belfort ...	30.12	23	ENE	7	S	30.22	*	16	-15	ENE	7	b	*	0.04	43	16	*	*	*	*		
	Lyons ...	30.07	43	NW	1	r	30.12	*	28	-11	NNW	4	S	*	0.20	42	27	*	*	*	*		
	Nice ...	29.93	49	-	0	o	29.90	-0.1	42	-4	-	0	o	1	0.08	50	36	*	*	*	*		
	Perpignan ...	30.02	57	NW	3	o	29.98	-0.2	49	-2	NW												



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.

**NORTH CONE HOISTED
AT 8.55 AM. YESTERDAY
in District 5.**

Western Channel and Bay. 11

- | | |
|---------------|--|
| 0 { a }
b | Moderate or fresh South-Easterly to Easterly winds, decreasing in force; fine; cold. |
| 1 { a }
b | Moderate Easterly winds; fair or fine generally; |
| 2 { a }
b | cold. |
| 3 { a }
b | Same as No. 5. |
| 4 { a }
b | Same as No. 2. |
| 5 { a }
b | Fresh Easterly winds, strong at times; fair generally; |
| 6 { a }
b | cold. |
| 7 { a }
b | Same as Nos. 0 and 1. |
| 8 { a }
b | Moderate or fresh Easterly winds; fair generally; |
| 9 { a }
b | Same as No. 5. |
| 10 { a }
b | Fresh or moderate Easterly or South-Easterly winds; fair generally; cold. |
| 11 { a }
b | Easterly winds, fresh at times; moderate sea; mostly fair. |

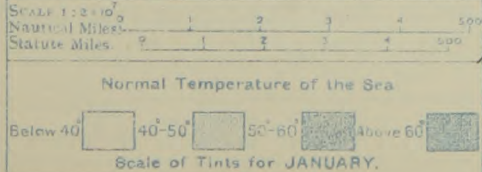
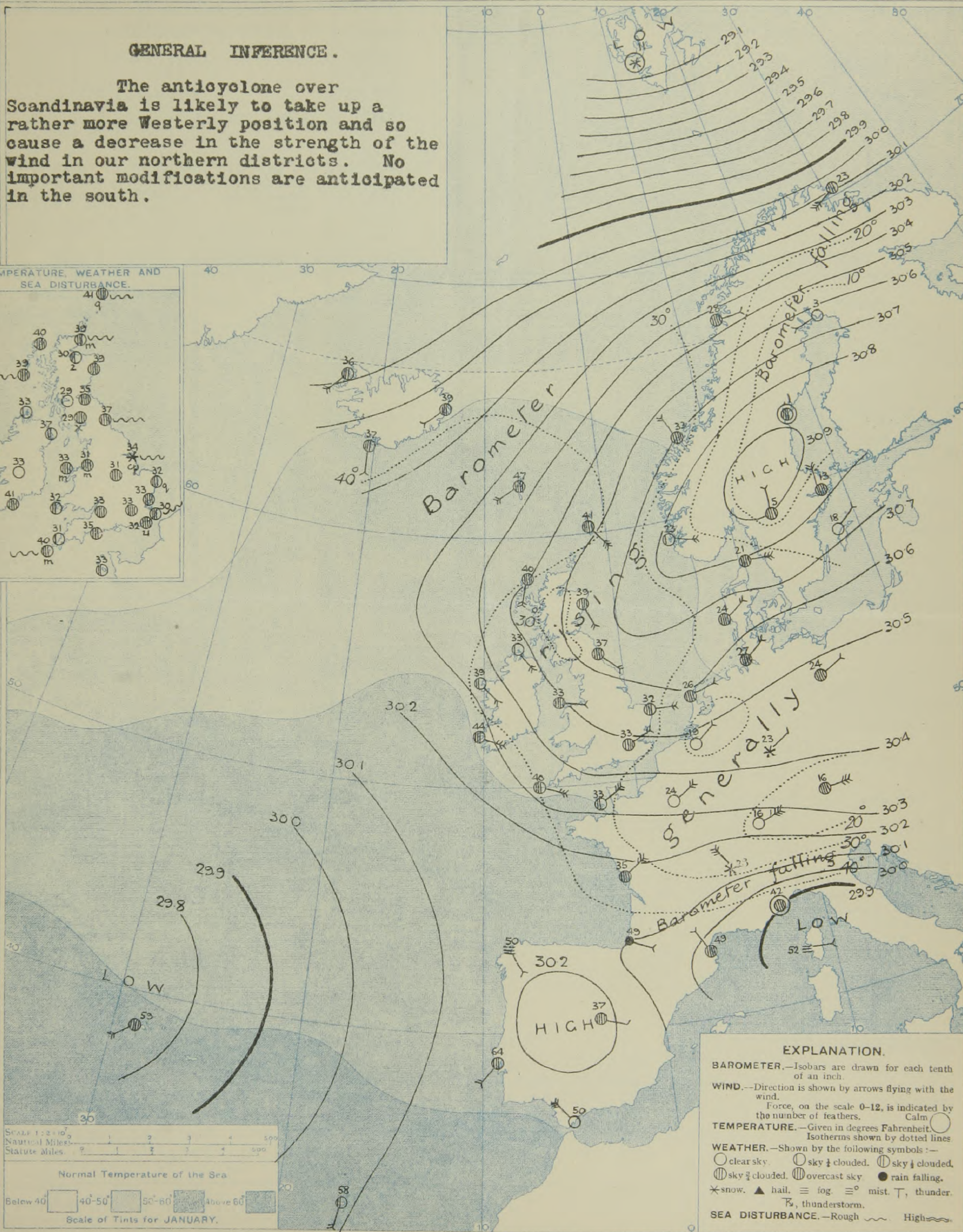
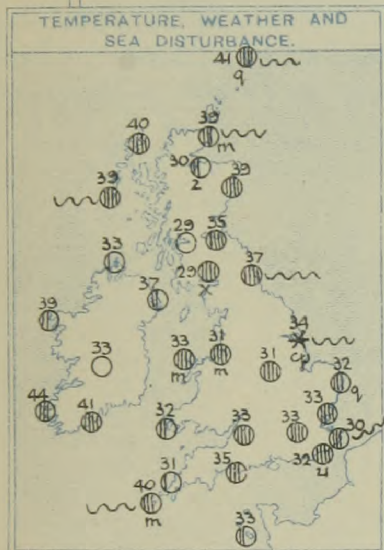
FURTHER OUTLOOK.

CONTINUING COLD.

SYNOPTIC CHART FOR 7 a.m., MONDAY, 12th JANUARY, 1914.

GENERAL INFERENCE.

The anticyclone over Scandinavia is likely to take up a rather more Westerly position and so cause a decrease in the strength of the wind in our northern districts. No important modifications are anticipated in the south.



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 ~~~~~ High ~~~~~

DAILY WEATHER REPORT.

Monday, 12th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward. O = Outward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward. O = Outward.	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.	
12th Jan 7 a.m.	49	9	Vaderland	O	30.25	0.00	E	4-5	0	11th Jan 7 a.m.	54	26	Pretorian	H	29.84	+0.09	ENE	4-5	c
11th Jan 6 p.m.	54	22	Pretorian	H	29.79	-0.05	NNE	4-5	r	"	50	15	Montezuma	O	30.02	0.00	ESE	1-3	m
"	53	14	Caledonia	H	30.02	+0.20	SSE	6-7	0	"	50	14	Menominee	O	30.06	-0.02	SE	8-9	o
"	"	"	"	"	"	"	"	"	"	"	50	13	Canada	H	30.21	+0.01	S	6-7	m

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	0.08	35	32	bc	bc	4.5
Eng. N.E.	Harrogate	0.01	33	31	o	o	0.0	Folkestone	0.08	?	32	*	*	4.4	
	Scarborough	"	37	33	o.c	o.c	0.0	Littlestone	-	34	32	o.bc.o	o	1.2	
Eng. N.W.	Morecambe							Hastings	0.02	?	31	om.c	b.bc	2.5	
	Blackpool							Bexhill-on-Sea	0.02	36	32	o.c	bc.b	4.8	
Eng. N.W.	Southport	-	34	32	bc.b	b	2.9	Eastbourne	0.06	?	32	o.bc	b.bcb	3.6	
								Seaford							
Mid- lands.	Buxton	0.10	40	28	bc	bc	0.2	Brighton	0.12	38	33	o.c.bc	bc.b	5.1	
	Leamington Spa	-	33	30	c	bc	4.0	Worthing	0.07	38	33	b	b	4.9	
Wales.	Malvern	-	48	29	bc	bc	2.5	Littlehampton	0.03	*	*	*	*	5.0	
								Southsea	-	38	33	o.bc	bc	4.2	
Wales.	Rhyl	0.01	39	30	e.bc	bc	1.6	Ryde	-	43	?	bc	bc	3.0	
	Colwyn Bay	-	?	31	o.bc	bc.o	2.0	Ventnor	0.04	?	32	*	*	4.1	
England, E.	Llandudno	0.02	39	32	c	c	3.0	Bournemouth	-	38	32	o	b	3.7	
	Bettws y-Coed														
England, E.	Aberystwyth	-	40	34	c	b	5.5	Weymouth	0.04	38	34	o.bc	b	2.7	
	Tenby							Exmouth							
England, E.	Lowestoft	?	35	30	e.bc	bc.c	2.4	Teignmouth	-	41	35	c	cb	0.0	
	Felixstowe	0.25	35	33	bc	bc	5.0	Torquay	-	41	37	o	o	0.0	
England, E.	Walton-on-Naze	0.09	35	33	bc	bc	4.8	Paignton							
	Southend-on-Sea	0.03	35	31	bc.b	bc	3.6	Falmouth	0.04	50	41	oe	o	0.0	
England, E.								Bude	0.02	44	34	bc	c	0.9	
								Ilfracombe	0.02	41	35	o	cbcb	1.7	
England, E.								Weston-super-Mare	-	38	34	o.bc	b	3.1	

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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	74	63	0.6	35	31	30		0	c.o	c.05	
City (Bunhill Row) ...	"	"	0.1	"	"	"		"	"	"	
Westminster (St. James's Pk.)	75	94	0.1	37	33	33		bc	bc	bm	
Camden Sq. (Brit. Rainfall)	"	77	1.4	35	31	25		"	"	"	
Hampstead (Reservoir) ...	"	"	1.0	39	29	20		bc	bc	os	
Richmond Park ...	"	"	0.0								
Kew. (See front page.)	"	"	0.0								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											
Total.				Average Rate.				Max. Rate.			
172 Joules				5.9 Milli-watts				12.5 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.	Trace	46	42	42	o	og
Plymouth to 9 p.m.	"	"	"	"	"	"
Darwen "	"	42	31	"	o.c	c bc
Manchester "	"	39	29	26	o	c
Birmingham "	"	51	30	27	o.og	c.b
Oxford to 8 p.m.	"	"	"	"	"	"
S. Kensington (Museum Grounds to 6 p.m.)	"	53	34	29	o	c bc bc.o

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

12th & 13th Jan 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 8.2 8.1	G.M.T. 12.1 12.2	G.M.T. 4.1 4.3
Greenwich ...	8.3 8.3	12.8 12.9	4.13 4.15
Wick ...	8.56 8.55	12.20 12.21	3.44 3.46
Valencia ...	8.47 8.46	12.49 12.50	4.52 4.54

NOTES ON YESTERDAY'S WEATHER.

Fair weather prevailed over the British Isles, 5 hours of bright sunshine being experienced at some of the southern and south-eastern coast stations. Temperature was low especially in the south-eastern parts of the country. The maximum temperature at Dover was 33°, at Great Yarmouth and Nottingham 34°. An Easterly gale was experienced during the day in the east of the Channel.

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.

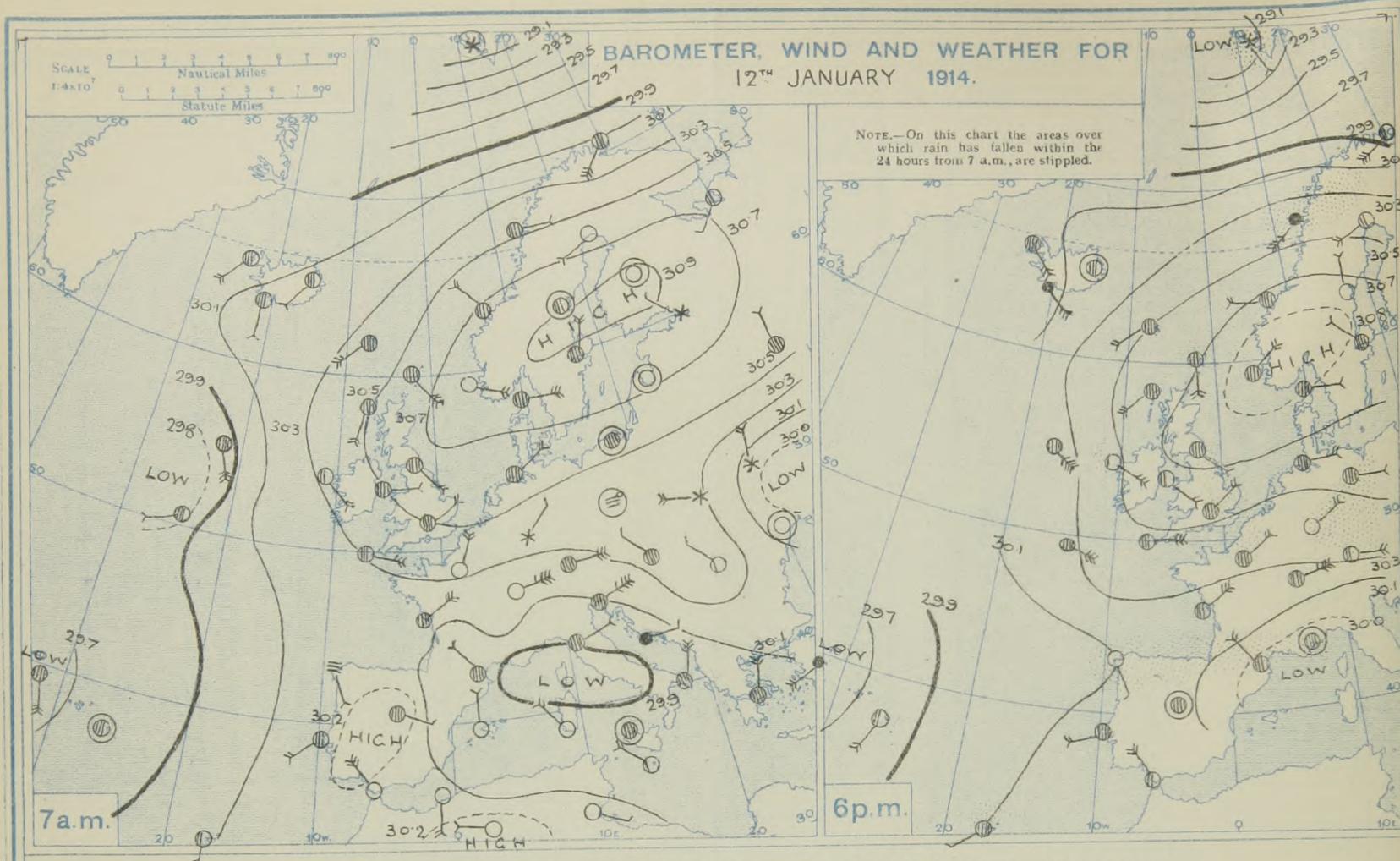
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
13th January, 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.						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.
		In.	F.				In.	In.	F.						In.	F.	F.				Hours		
BRITISH ISLANDS.	Lerwick ...	30.69	40	S	4	c	30.72	+0.2	38	-3	SSW	3	c	2	0.02	41	36	o.c	c	op.c	*		
	Stornoway ...	30.62	38	SW	5	o	30.67	0.0	36	-4	SW	2	o	2	-	41	35	o	o.c.o	o	0.0		
	Castlebay (Barra Isd.)	30.59	40	SE	5	o	30.64	0.0	40	+1	S	4	o	4	-	40	38	c	c	c	0.0		
	Glasgow ...	30.71	31	ESE	2	og	30.72	0.0	32	+3	ENE	1	og	*	Trace	33	28	b.b.c	c.o	o	0.2		
	Eskdalemuir ...	30.72	27	ESE	1	o	30.72	+0.1	30	+1	E	1	o	*	-	32	26	bc	o	o	1.7		
	Malin Head ...	30.58	33	SE	5	o	30.63	0.0	31	-2	SE	2	bc	2	-	36	31	bem.	om	bem	*		
	Blacksod Point ...	30.46	37	SE	5	b	30.56	+0.2	34	-5	SE	4	bc	4	Trace	39	32	b.c.bz	bz	bc	*		
	Valencia ...	30.43	39	ESE	4	b	30.52	+0.2	39	-5	SE	4	o	4	-	45	38	cy	c.bz	cy	3.4		
	Roche's Point ...	30.51	39	ESE	5	o	30.57	*	38	-3	E	4	o	5	-	41	38	o.c	c.o	o	*		
	Birr Castle ...	30.53	33	SE	2	c	30.60	*	32	-1	SE	1	c	*	-	36	29	bc	bc.e	c	6.4		
	Donaghadee ...	30.62	37	SSE	4	om	30.67	-0.1	37	0	SSE	3	om	4	-	38	36	cm	om	om.c.o	*		
	Liverpool Obsy. ...	30.66	32	ESE	3	o	30.64	-0.1	34	+3	ENE	2	o	2	-	34	31	om	om	ox	0.0		
	Holyhead ...	30.61	32	SE	3	bc	30.63	-0.1	25	+2	E	3	cg	2	-	36	29	bc	bc	bcq	3.7		
	Pembroke (St. Ann's Hd.)	30.56	32	E	3	bc	30.58	-0.1	34	+2	NNE	1	o	1	-	34	32	bex	c	bc	2.5		
	Newquay ...	30.48	31	E	3	bc	30.51	0.0	34	+3	E	2	og	2	-	36	28	bv	bv	bc.b	6.2		
	Scilly (St. Mary's) ...	30.40	39	E	6	c	30.50	0.0	35	-5	E	4	cm	4	-	46	33	cm	cm	cm	2.9		
	Jersey (St. Aubin) ...	30.43	34	ENE	5	o	30.37	*	38	+5	NE	6	ougps	5	?	38	33	bc	c.o	ogps	5.8		
	Portland Bill ...	30.50	33	NE	6	c	30.45	0.0	33	-2	NE	5	bc	4	-	35	32	b.c.c	c	bc.e	*		
	Dungeness ...	30.50	32	NE	4	ou	30.39	0.0	35	+3	NE	7	ou	5	Trace	36	31	cg	c.og	osq.og	*		
	Dover ...	30.49	32	NNE	5	c	30.42	*	32	+2	NE	6	o	6	0.01	34	28	cps	c	cps.o	0.3		
ICELAND, FAEROE, &c.	Wick ...	30.67	37	SSE	3	c	30.71	0.0	30	-9	-	o	om	2	-	39	29	cm.bc	cm	cm.om	*		
	Nairn ...	30.68	28	-	o	bz	30.71	*	24	-6	-	o	bcz	1	-	35	22	bz	bz	bz	5.5		
	Aberdeen ...	30.73	36	S	2	o	30.74	0.0	34	-5	-	o	o	3	-	39	34	o	o	o	0.0		
	Leith ...	30.69	34	ESE	1	o	30.70	-0.1	34	-1	SSW	1	o	*	-	36	33	og	o	o	*		
	North Shields ...	30.73	35	SE	2	o	30.70	-0.1	37	0	SSW	2	o	3	0.02	38	33	o	o	no	0.0		
	Spurn Head ...	30.62	35	E	4	c	30.59	0.0	37	+3	ENE	4	cps	5	0.01	37	33	c	cps	cps	0.0		
	Yarmouth ...	30.59	35	E	4	os	30.54	-0.1	37	+5	NE	5	org	4	0.02	37	31	os	o	org	0.0		
	Clacton-on-Sea ...	30.56	33	ENE	3	c	30.49	0.0	35	+2	ENE	5	o	4	Trace	36	30	ops	ops.c	c.ops.o	0.0		
	Nottingham ...	30.64	33	NE	3	o	30.61	*	34	+3	NE	4	ops	*	0.01	34	30	os	os	os	0.0		
	Bath ...	30.57	30	E	3	o	30.53	*	35	+2	NE	4	o	*	-	36	28	ocq	ocq	o.b.o	0.3		
London (Kew Obsy.) ...	30.57	32	NE	3	o	30.51	+0.1	35	+2	NE	3	o	*	Trace	35	30	comps.cns	coms.omo	os	0.0			
SCANDINAVIA.	Spitzbergen ...	29.05	23	SSE	2	s	29.93	+1.6	6	-5	NE	6	c	*	?	25	5						
	Isafjord ...	30.07	38	SE	4	o	30.13	+0.1	40	+4	-	o	c	*	*	*	*						
	Reykjavik ...	30.02	40	ESE	5	o	30.13	+0.3	46	+11	ESE	4	r	*	*	*	*						
	Vestmanna ...	30.08	41	SE	5	r	30.20	+0.3	45	+8	SE	6	r	2	*	*	*	*					
	Seydisfjord ...	30.22	35	-	o	c	30.38	+0.4	35	-4	-	o	b	*	*	*	*						
	Thorshavn ...	30.50	44	SW	3	o	30.65	+0.1	41	+6	SW	2	m	o	*	*	*	*					
	Haparanda ...	30.41	7	SW	4	bc	30.04	-1.4	28	+25	SW	6	o	*	-	28	1						
	Hernösand ...	30.74	9	N	2	b	30.48	-1.0	29	+28	-	o	o	*	-	29	-11						
	Stockholm ...	30.79	14	NW	2	o	30.64	-0.4	4	-9	-	o	bc	*	-	14	3						
	Wisby ...	30.75	18	ENE	2	b	30.60	-0.3	22	+4	NE	2	o	*	-	27	16						
Karlstad ...	30.37	1	-	o	b	30.71	-0.8	4	-1	-	o	b	*	-	9	-17							
GERMANY, &c.	Vardö ...	29.82	25	SW	6	bc	29.57	-0.4	25	+2	W	8	bc	4	?	25	12						
	Bodö ...	30.33	38	SW	8	r	30.05	-1.06	37	+9	WNW	8	m	6	0.12	39	28						
	Christiansund ...	30.73	37	W	3	o	30.67	-0.1	38	+5	WSW	4	o	5	-	38	32						
	Skudesnaes ...	30.89	27	NE	4	o	30.78	-0.3	23	0	NE	2	c	1	-	27	19						
	Færder (X'ania Fjord)	30.87	12	NE	4	f	30.72	-0.5	16	+1	N	2	f	1	-	16	10						
	The Scaw (Skagen) ...	30.80	23	E	2	o	30.69	-0.4	22	+1	NE	2	o	0	-	25	19						
	Blaavands Huk ...	30.73	24	ENE	3	o	30.68	-0.3	22	-2	ENE	2	o	1	-	25	21						
	Cuxhaven ...	30.62	30	E	3	o	30.55	+0.2	28	+1	N	5	o	2	-	32	27						
	Berlin ...	30.58	21	E	2	o	30.50	-0.1	20	-4	E	1	o	*	Trace	27	19						
	Frankfurt ...	30.41	23	NE	3	b	30.38	+0.1	23	0	NE	3	o	*	Trace	27	21						
FRANCE.	Munich ...	30.31	15	E	4	bc	30.33	+0.1	8	-8	NE	3	b	*	Trace	18	8						
	The Helder ...	30.58	32	NE	4	o	30.57	+0.1	31	+5	NE	5	o	3	-	32	26						
	Brussels ...	30.45	28	NE	4	s	30.42	0.0	23	+4	NE	2	s	*	Trace	28	18						
	C. Gris Nez ...	30.49	28	E	5	c	30.40	-0.1	27	+1	ENE	5	o	5	-	30	25						
	La Hève ...	30.43	26	NE	5	b	30.36	*	27	+2	ENE	4	b	3	-	28	25						
	Ushant ...	30.37	35	E	5	o	30.38	*	33	+6	NE	6	o	5	-	39	32						
	Brest (St. Mathieu) ...	30.39	31	E	2	b	30.43	-0.1	38	+3	N	2	o	3	-	38	31						
	Lorient (Bec Melen) ...	30.34	30	NE	5	b	?	*	35	-1	N	3	o	2	-	37	27						
	Rochefort (Ile d' Aix) ...	30.23	30	NE	5	c	30.24	-0.2	28	-7	NNE	4	o	*	-	48	27						
	Biarritz ...	30.12	42	NE	3	o	30.20	+0.1	28	-21	E	3	o	2	0.12	50	27						
SPAIN, PORTUGAL, &c.	Paris ...	30.36	27	NE	4	o	30.29	+0.2	23	-1	NE	3	b	*	Trace	29	23						
	Belfort ...	30.26	17	ENE	7	o	30.24	*	16	0	ENE	7	c	*	-	24	13						
	Lyons ...	30.20	24	NW	8	o	30.19	*	22	-6	NW	2	s	*	-	30	22						
	Nice ...	29.96	40	-	o	o	29.98	0.0	37	-5	NW	4	bc	4	0.16	56	36						
	Perpignan ...	29.97	46	NW	3	c	30.06	+0.6	30	-19	N	2	s	*									

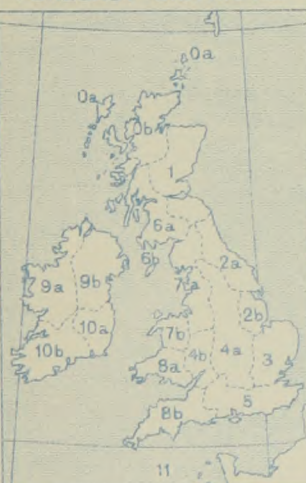
* Information for these columns not usually received

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

None

Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Light airs, freshening from between South-East and South-West; fair; temperature rising somewhat.

Moderate North-Easterly winds, fresh at times; dull, occasional showers of snow or rain; rather milder.

Same as No. 5.

Moderate North-Easterly winds; dull, occasional rain or snow; rather milder.

Fresh or strong North-Easterly winds; dull, rain or snow at times; somewhat milder.

Same as Nos. 0 and 1.

Same as No. 2.

Same as No. 5.

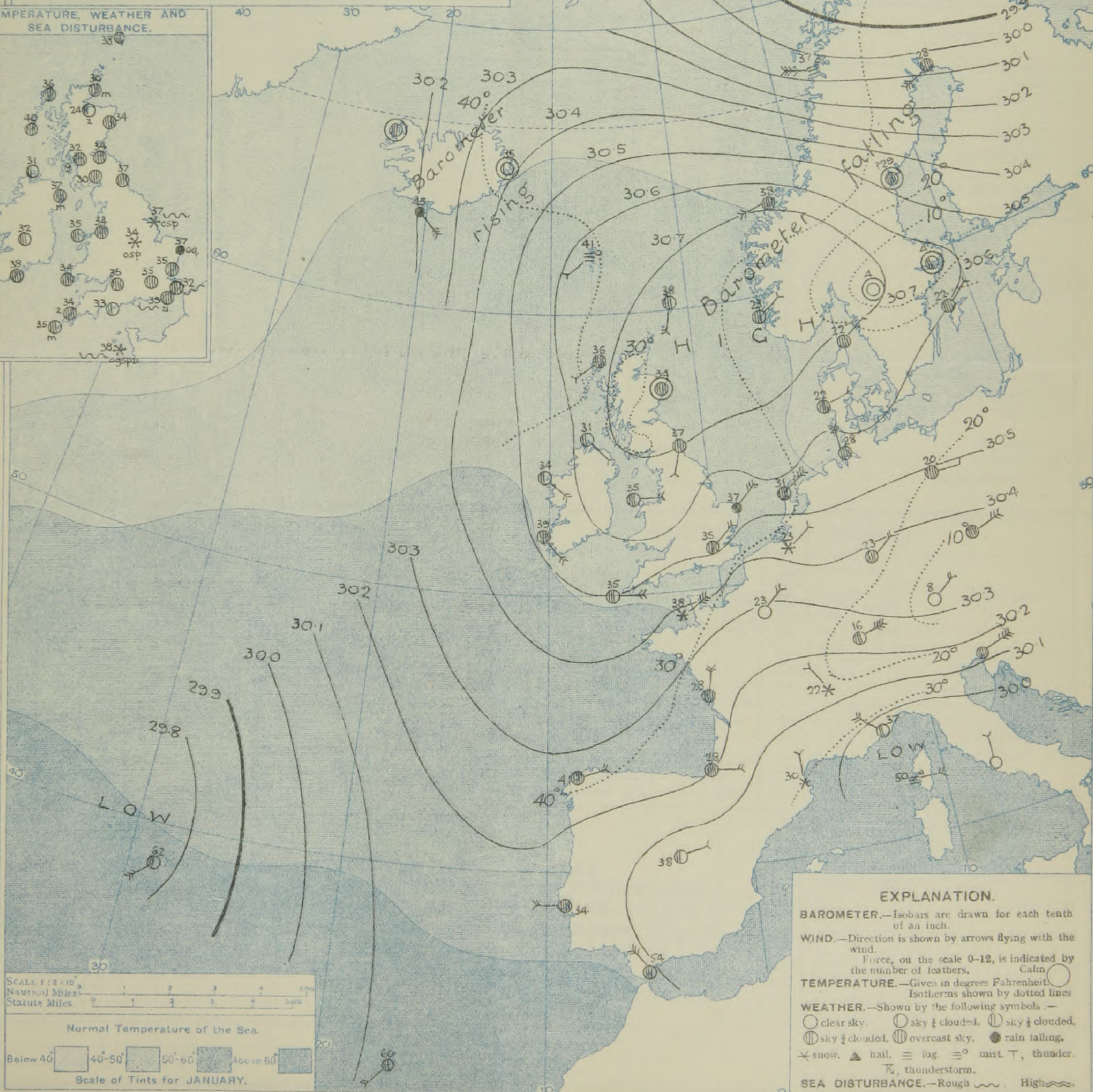
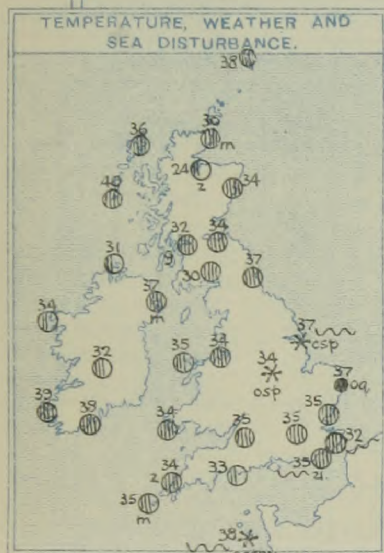
Moderate South-Easterly or Southerly winds; mostly fair; cold.

Moderate or fresh winds between North-East and South-East and a moderate or rather rough sea; fair; cold.

SYNOPTIC CHART FOR 7 a.m., TUESDAY, 13TH JANUARY, 1914.

GENERAL INFERENCE.

The anticyclone over Scotland and the south of Scandinavia will diminish in intensity. Small irregularities in pressure in process of development over France and the southern part of the British Isles will become more pronounced and occasion showers in our southern districts.



DAILY WEATHER REPORT.

Tuesday, 13th January, 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 6 p.m.	49	13	Vaderland	O	30.23	-0.3	ESE	6-7	O	12th 7 a.m.	50	21	Caronia	O	29.79	-0.2	WSW	4-5	C
" "	55	15	Pretorian	H	30.25	+0.4	SSE	8-9	O	" "	50	21	Ascania	H	29.83	+0.1	S	6-7	C
										" "	54	20	Columbia	O	29.89	-0.6	SE	6-7	O
										" "	55	18	Pretorian	H	30.00	+0.4	SSE	6-7	M

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.	b bc o	o	1.4	(Margate ...)	In.	F.	F.	c	c	0.2
(St. Andrews ...)	-	39	31	*	*	0.0	(Ramsgate ...)	-	33	30	*	*	0.1
Eng. N.E. (Harrogate ...)	-	32	30	o	o	0.0	(Folkestone ...)	-	32	30	o	o	0.2
(Scarborough ...)	*	37	34	o	o	0.0	(Littlestone ...)	*	*	*	*	*	0.0
Eng. N.W. (Morecambe ...)	-	38	30	bc	c	0.0	(Hastings ...)	-	31	28	o.c	c.o	0.0
(Blackpool ...)	-	33	28	o	o	0.0	(Bexhill-on-Sea ...)	-	33	29	o.v.c	o.bc	0.5
(Southport ...)	-	33	28	o	o	0.0	(Eastbourne ...)	-	31	31	os	bes	0.6
Mid. lands. (Buxton ...)	-	32	27	c	c	0.0	(Seaford ...)	-	31	27	c	b	2.0
(Leamington Spa ...)	-	33	30	bc	bc.o	1.6	(Brighton ...)	-	33	29	oc bc	bc.c.o	4.4
(Malvern ...)	-	31	29	c bc b	b bc.e	4.0	(Worthing ...)	-	36	28	c bc	bc	3.8
Wales. (Rhyl ...)	-	34	29	bc o	o	0.0	(Littlehampton ...)	0.01	*	*	*	*	3.6
(Colwyn Bay ...)	-	?	30	bc	bc	0.1	(Southsea ...)	-	33	29	c bc	bc.c	1.3
(Llandudno ...)	-	34	32	o	o	0.0	(Ryde ...)	-	33	31	bc	bc	2.3
(Bettws y-Coed ...)	-	34	30	bc.c	b bc	5.5	(Ventnor ...)	-	?	30	*	*	2.3
(Aberystwyth ...)	-	?	31	c.b	bc	3.6	(Bournemouth ...)	-	34	27	c bc	c.o	1.6
(Tenby ...)	-	?	31	c.b	bc	3.6	(Hythe ...)	-	31	30	o	o	0.0
England, E. (Lowestoft ...)	-	34	30	os	o.c	0.0	Weymouth ...	-	33	29	bc	bc.c	2.1
(Felixstowe ...)	-	35	30	ogs	ogs	0.0	(Exmouth ...)	-	35	30	bc.c	c bc	2.0
(Walton-on-Naze ...)	-	34	32	os.o	os.c	0.0	(Teignmouth ...)	-	36	33	c	c	0.4
(Southend-on-Sea ...)	-	32	30	ops	ops	0.0	(Torquay ...)	-	36	33	o	c.o	0.1
							(Paignton ...)	-	36	33	o	o	0.0
							(Falmouth ...)	-	38	35	o.c	o	0.0
							(Bude ...)	-	37	27	bc	bc.c.o	5.2
							(Ilfracombe ...)	-	35	30	o	o	1.0
							(Weston-super-Mare ...)	-	35	27	o.bc	b bc.c	0.5

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.) ...	72	86	0.9	F. 34	F. 29	F. 24	0.01	o	bc.oos
City (Bunhill Row) ...	*	*	0.2	*	*	*	*	*	*
Westminster (St. James's Pk.)	90	90	0.1	36	30	30	0.01	b.os	ous
Camden Sq. (Brit. Rainfall)	82	89	1.5	34	29	25	0.01	os.c	bc.os
Hampstead (Reservoir) ...	*	*	1.4	32	27	23	*	bc	bc.os
Richmond Park ...	*	*	0.2						os.c
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	79	84	0.1	Total. 152 Joules	Average Rate. 52 Milli-watts.	Max. Rate. 15.5 Milli-watts.			

Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.	Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.		
Dublin to 4 p.m.	In.	F. 38	F. 35	bc.o	c
Plymouth to 9 p.m.	-	35	31	o	c.b
Darwen "	-	31	27	c.og	ou
Manchester "	-	31	27	o	ou
Birmingham "	-	31	29	o	o
Oxford to 8 p.m.	*	34	28	c.o	osp.b
S. Kensington (Museum Grounds to 6 p.m.)	-	35	30	oos.o	osp

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

13th & 14th Jan, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	8.1	12.2	4.3
	8.0	12.2	4.4
Greenwich ...	8.3	12.9	4.15
	8.2	12.9	4.16
Wick ...	8.55	12.21	3.46
	8.54	12.21	3.48
Valencia ...	8.46	12.50	4.54
	8.45	12.50	4.55

NOTES ON YESTERDAY'S WEATHER.

Cold and fair weather prevailed. The maximum temperatures recorded during the day were in many cases only a degree or two above the freezing point. The amounts of bright sunshine were greatest in the south-west of England and in Central Ireland. Slight precipitation, generally in the form of snow showers, fell in the south-east of England.

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 January, 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.		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 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.*							
Lerwick ...	30.70	37	-	0	om	30.66	-0.02	37	-1	-	0	0	0.03	39	35	0	0	od. bc	Hours		
Stornoway ...	30.68	36	SW	2	oz	30.65	-0.02	37	+1	W	1	0	1	38	34	03	03	0	0.0		
Castlebay (Barra Isd.)	30.67	38	ESE	4	0	30.63	-0.01	35	-5	E	2	bc	3	40	35	0	p.0	0.0c	0.0		
Glasgow ...	30.70	32	NE	3	og	30.62	-0.03	33	+1	NE	1	oy	*	34	31	0	0	0	0.0		
Esksdalemuir ...	30.70	32	NE	2	0	30.59	-0.06	33	+3	NNE	4	0	*	33	29	0	0	0	0.0		
Malin Head ...	30.64	34	SE	1	bc	30.56	-0.04	34	+3	SSE	2	0	2	36	31	bcz	bcz	0c	*		
Blacksod Point ...	30.56	36	SE	3	b	30.51	-0.03	36	+2	SE	3	b	4	Trace	37	32	bcz	bcz	*		
Valencia ...	30.50	37	ESE	3	b	30.43	-0.03	36	-3	E	1	0	3	41	33	c.6	b	bcn	51		
Roche's Point ...	30.55	40	SSE	4	0	30.46	*	39	+1	E	3	0	3	41	39	0	0	0	*		
Birr Castle ...	30.59	31	SE	1	bc	30.50	*	34	+2	E	1	m	*	36	30	c	cbe	af	0.8		
Donaghadee ...	30.61	38	SE	3	omg	30.58	-0.01	38	+1	SE	4	om	4	38	36	om	om	bcn. om	*		
Liverpool Obsy. ...	30.62	34	ENE	3	0	30.50	-0.04	33	-1	NNE	2	bc	1	36	32	om	om	bc	0.0		
Holyhead ...	30.58	37	ESE	3	om	30.51	-0.01	37	+2	E	3	c	2	38	32	0. om	om	bccc.0	0.0		
Pembroke (St. Ann's Hd.)	30.54	35	ENE	3	bc	30.46	-0.03	32	-2	NE	3	bcce	3	32	29	0	c	bcn	0.0		
Newquay ...	30.48	35	NE	3	0	30.38	-0.03	34	0	NE	2	ox	3	36	31	0	0	0	0.0		
Scilly (St. Mary's) ...	30.48	37	E	3	0	30.38	-0.01	34	-1	ENE	4	om	4	37	33	om	om	om	0.0		
Jersey (St. Aubin) ...	30.37	38	NE	5	ogps	30.25	*	38	0	NE	6	og	5	0.05	37	36	ogps	oge	ogp.0	0.0	
Portland Bill ...	30.46	37	NE	5	c	30.32	-0.05	36	+3	NNE	5	0	4	38	33	c.0	o.c.	c.0	*		
Dungeness ...	30.40	37	NE	7	ogpts	30.22	-0.03	33	-2	NNE	4	s	4	0.02	37	31	og	opsq	ors	*	
Dover ...	30.43	34	NE	6	c	30.23	*	32	0	NE	6	cps	6	0.03	35	31	0	o.c.	c.ogps	0.0	
Wick ...	30.71	33	SSW	2	b	30.65	-0.03	30	0	SSW	1	bcmx	1	35	28	om. bcz	bcz	bcn.0c	*		
Nairn ...	30.72	22	-	0	bcz.	30.66	*	23	-1	-	0	c3	1	28	17	bcz	bcx	c3x	4.3		
Aberdeen ...	30.72	34	WSW	2	0	30.64	-0.02	33	-1	WNW	3	0	2	36	33	0	o.c	0	0.0		
Leith ...	30.67	37	NE	1	0	30.59	-0.03	37	+3	N	2	op	*	Trace	37	34	og	og	0	*	
North Shields ...	30.68	37	E	2	r	30.54	-0.05	40	+3	ENE	3	r	3	0.03	40	34	0	cp. r	n.0	0.0	
Spurn Head ...	30.58	37	ENE	5	0	30.37	-0.04	38	+1	NE	6	cgrh	5	0.03	38	32	0	0	o.c	0.0	
Yarmouth ...	30.53	35	NE	4	c	30.32	-0.02	37	0	NE	8	og	4	Trace	37	34	c	c	cq	0.0	
Clacton-on-Sea ...	30.48	35	NE	4	0	30.29	-0.05	35	0	NE	5	c	4	35	33	ops	0	o.c	0.1		
Nottingham ...	30.60	35	NE	4	0	30.41	*	35	+1	NE	5	e	*	37	33	0.	0	0	0.0		
Bath ...	30.52	36	ENE	4	0	30.36	*	35	0	NNE	5	0	*	38	34	0	0	og	0.0		
London (Kew Obsy.) ...	30.51	35	NE	4	og	30.30	-0.06	36	+1	NE	4	og	*	36	34	0.0m	om.og	og	0.0		
Spitzbergen ...	30.22	-5	N	1	b	30.13	-0.02	-17	-23	-	0	b	*	6	-20	GALES.					
Isafjord ...	30.22	46	S	4	c	30.24	0.00	44	+4	-	0	c	*	*	*	Duration and Extreme Force in British Islands					
Reykjavik ...	30.21	45	SE	6	0	30.29	+0.01	45	-1	SE	4	r	*	*	*						
Vestmanna ...	30.28	43	SE	7	0	30.36	0.00	43	-2	ESE	3	f	1	*	*						
Seydisfjord ...	30.44	44	-	0	c	30.38	-0.02	42	+7	-	0	b	*	*	*						
Thorsbavn ...	30.66	42	SW	2	0	30.63	-0.04	39	-2	-	0	0	*	*	*						
Haparanda ...	30.15	19	N	2	b	30.23	?	16	-12	NE	2	b	*	32	7	Dungeness. Morning.					
Hernösand ...	30.26	39	W	4	0	30.38	0.00	25	-4	N	2	b	*	41	23	Ex. NE. 8 in squalls.					
Stockholm ...	30.49	12	WSW	2	0	30.34	+0.01	27	+23	N	4	0	*	Trace	27	1	Great Yarmouth 5 a.m.-7 a.m.				
Wisby ...	30.56	20	E	3	0	30.32	-0.04	29	+7	NW	4	s	*	0.08	29	16	Ex. NE. 8.				
Karlstad ...	30.56	10	-	0	0	30.46	+0.02	21	+17	N	2	0	*	21	4						
Vardö ...	30.26	25	N	9	0	29.85	-0.04	19	-6	N	10	0	6	25	18						
Bodö ...	30.41	30	N	2	s	30.36	-0.04	32	-5	WNW	4	s	2	37	27						
Christiansund ...	30.60	39	W	4	r	30.58	-0.01	38	0	-	0	r	4	0.39	39	34					
Skudesnaes ...	30.64	26	-	0	b	30.49	-0.04	28	+5	NNE	2	b	1	28	23						
Færder (X'ania Fjord) ...	30.57	24	NW	1	0	30.45	0.00	33	+17	NNE	2	0	1	33	16						
The Scaw (Skagen) ...	30.57	25	SE	2	0	30.48	-0.04	26	+4	WSW	2	0	0	27	19						
Blaavands Huk ...	30.53	21	NE	1	bc	30.52	0.00	15	-7	SE	1	bc	0	25	14						
Cuxhaven ...	30.46	26	NE	3	b	30.42	0.00	25	-3	NE	4	b	2	30	25						
Berlin ...	30.42	21	E	3	0	30.38	-0.01	13	-7	E	3	b	*	Trace	21	12					
Frankfurt ...	30.34	23	NE	4	c	30.16	0.00	19	-4	NE	5	0	*	25	19						
Munich ...	30.27	12	SSW	1	b	?	-0.04	13	+5	E	4	s	*	Trace	18	8					
The Helder ...	30.50	32	NNE	5	0	30.38	-0.01	28	-3	NE	6	b	3	32	27						
Brussels ...	30.39	29	NE	5	s	30.20	-0.04	23	0	NE	5	0	*	30	23						
C. Gris Nez ...	30.38	33	ENE	6	0	30.22	-0.04	28	+1	ENE	6	s	5	0.04	36	27					
La Hève ...	30.36	27	NE	4	0	30.22	*	29	+2	NE	2	s	2	30	27						
Ushant ...	30.37	40	E	5	r	30.25	*	43	+10	NE	4	0	5	0.12	43	33					
Brest (St. Mathieu) ...	30.38	39	NE	4	0	30.29	+0.04	38	0	NNE	3	0	2	41	36						
Lorient (Bec Melen) ...	30.25	25	NE	5	0	30.14	-0.04	31	+3	NE	5	0	*	31	25						
Rochefort (Ile d' Aix) ...	30.17	30	E	2	0	30.17	+0.01	26	-2	E	3	0	2	32	26						
Biarritz ...	30.29	29	NNE	4	0	30.11	-0.06	26	+3	NNE	4	c	*	30	23						
Paris ...	30.25	15	ENE	7	m	29.98	*	15	-1	ENE	6	m	*	19	14						
Lyons ...	30.12	24	NW	4	0	29.96	*	20	-2	NNW	4	0	*	0.04	28	19					
Nice ...	29.84	38	-	0	0	29.65	-0.01	33	-4	NE	4	0	0	0.12	41	32					
Perpignan ...	30.03	28	NW	4	c	29.85	-0.05	27	-3	NW	6	0	*	Trace	31	26					
Sanguinaire ...	29.96	52	S	4	m	29.84	*	45	-5	WSW	6	m	6	0.35	55	43					
Corunna (8 a.m.) ...	30.25	46	E	3	b	30.17	+0.04	39	-2	E	2	c	2	48	32						
Lisbon (9 a.m.) ...	30.06	55	WNW	4	c	30.01	-0.01	46	-8	ENE	4	0	5	61	46						
Gibraltar ...	30.07	58	NW	5	bc	29.99	*	55	+1	NW	5	0	3	0.02	61	54					
Azores (Horta, 8 a.m.)	29.87	*	-	0	0	29.95	0.00	53	-9	W	1	m	2	0.12	64	54					
Madeira (Funchal) ...	30.14	60	W	1	c	30.12	0.00	59	-1	W	1	0	1	70	55						

GALES.

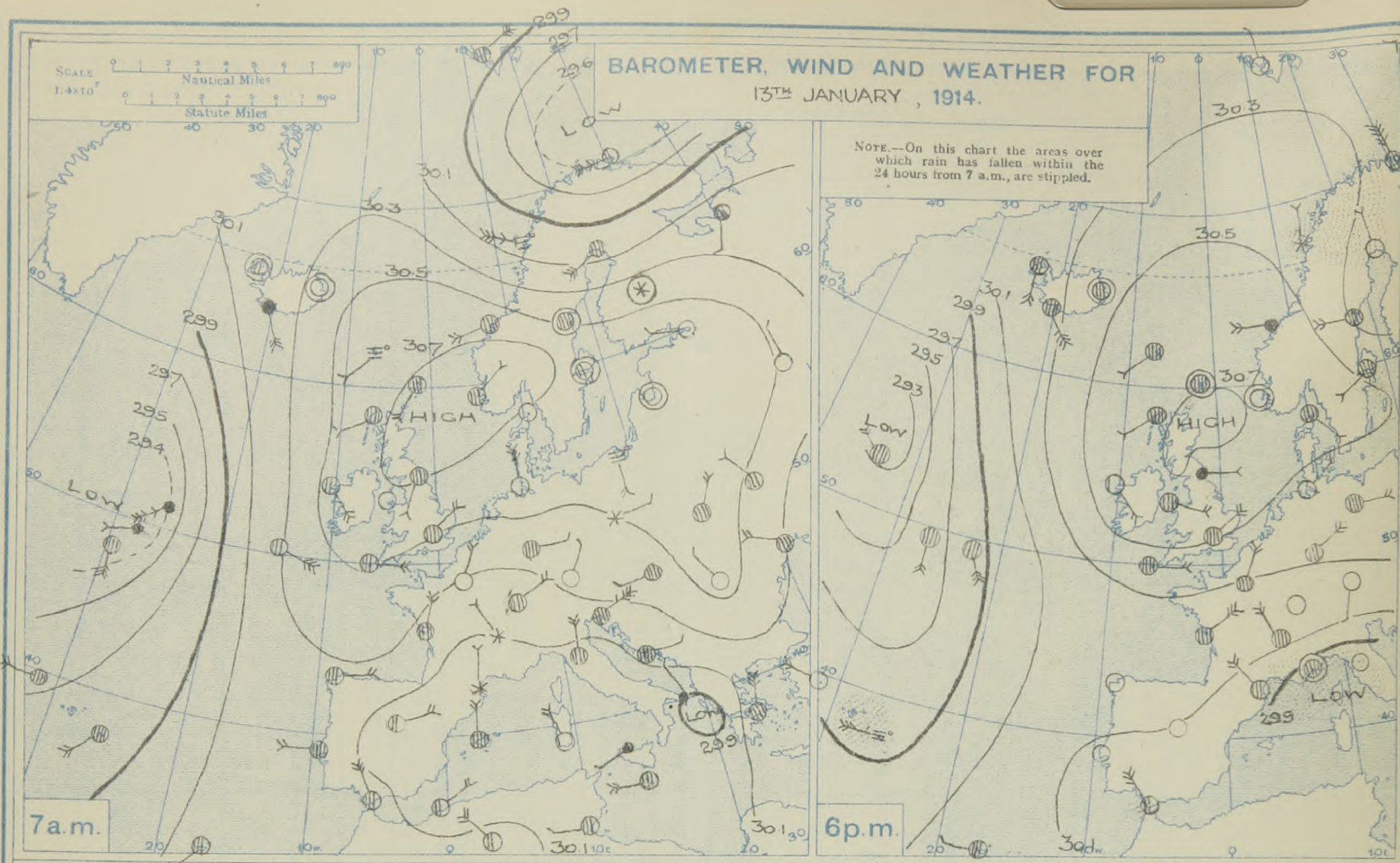
Duration and Extreme Force
in British Islands

Dungeness. Morning.
Ex. NE. 8 in squalls.

Great Yarmouth 5 a.m.-7 a.m.
Ex. NE. 8.

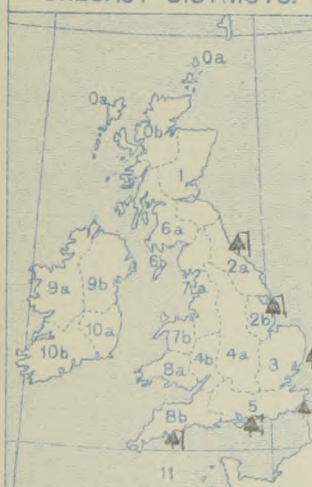
* Information for these columns not usually received.

† Received too late for insertion in Charts.



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.

NORTH CONE hoisted 9.10 a.m.
in Districts 2, 3, 5, & 8.

Western Channel and Bay. 11

- | | |
|----|---|
| 0 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Light variable airs; fair generally, but misty;
little change of temperature.</p> </div> </div> |
| 1 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Light variable to North-Easterly breezes; cloudy,
occasional showers; cold.</p> </div> </div> |
| 2 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div></div> </div> |
| 3 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Strong North-Easterly winds, a gale at times in</p> </div> </div> |
| 4 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>exposed places; cloudy, sleet or snow at times; cold.</p> </div> </div> |
| 5 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div></div> </div> |
| 6 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Same as No. 1.</p> </div> </div> |
| 7 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Light North-Easterly winds, freshening somewhat;</p> </div> </div> |
| 8 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>cold, cloudy, occasional snow showers.
Same as No. 5.</p> </div> </div> |
| 9 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Light or moderate winds between North-East and
South-East; cold, cloudy, misty in places.</p> </div> </div> |
| 10 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div></div> </div> |
| 11 | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <div style="border-left: 1px solid black; padding-left: 5px;">a</div> <div style="border-left: 1px solid black; padding-left: 5px;">b</div> </div> <div> <p>Moderate to fresh or strong North-Easterly winds;
moderate or rather rough sea; cold, cloudy.</p> </div> </div> |

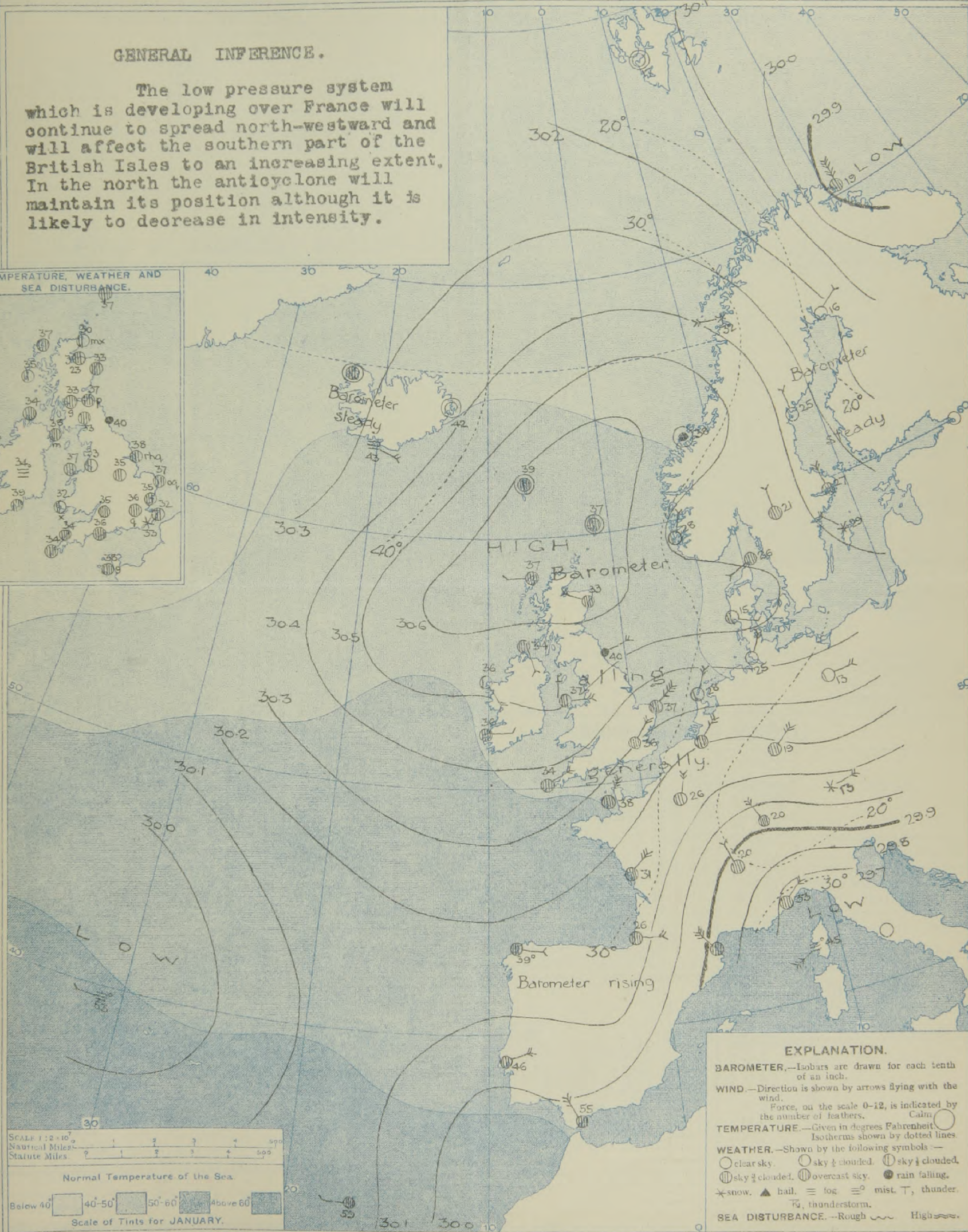
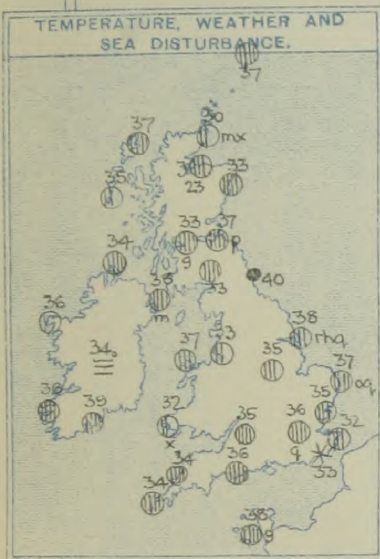
FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 14 JANUARY, 1914.

GENERAL INFERENCE.

The low pressure system which is developing over France will continue to spread north-westward and will affect the southern part of the British Isles to an increasing extent. In the north the anticyclone will maintain its position although it is likely to decrease in intensity.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



DAILY WEATHER REPORT.

Wednesday, 14th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward.	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 Gpm	52	32	Columbia	O	29.21	-1.0	WNW	4-5	o	13th Gpm	55	6	Pretorian	H	30.69	+0.4	ESE	(0-12)	o
"	49	26	Finland	H	29.66	+1.6	S	4-5	o	" 11pm	50	13	Corinthian	H	30.22	+0.4	SE	6-7	o
"	49	22	Vaderland	O	29.73	-0.7	SE	6-7	o	" 7am	48	29	Finland	H	29.33	+0.2	S	6-7	o
"	50	12	Ascania	H	30.37	+0.5	ESE	6-7	o	"	49	28	Menominee	O	29.39	+0.4	WSW	4-5	r
"	50	11	Corinthian	H	30.34	+0.3	SE	6-7	c	"	50	14	Ascania	H	30.24	+1.0	ESE	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.	F. °	F. °			Hr.	(Margate)	In.	F. °	F. °			Hr.	
	(St. Andrews)				*	*			(Ramsgate)	36	30	0	0	0.0	
Eng. N.E.	(Harrogate)	—	33	30	0	0	0.0	(Folkestone)	—	34	29	*	*	0.0	
	(Scarborough)	*	38	33	05	0r	0.0	(Littlestone)	—	35	31	0	0	0.0	
Eng. N.W.	(Morecambe)	—	38	33	c	0	0.0	(Hastings)	—	35	30	0	0	0.0	
	(Blackpool)	—	37	32	0	0	0.0	(Bexhill-on-Sea)	—	35	31	0	0	0.0	
	(Southport)	—	36	33	0	0	0.0	(Eastbourne)	—	37	30	0g	05	0.0	
Mid- lands.	(Buxton)	—	32	28	c	c	0.0	(Seaford)	0.05	35	26	0	d.0	0.0	
	(Leamington Spa)	0.01	35	31	0r.0	0	0.0	(Brighton)	—	36	28	0	0	0.0	
	(Malvern)	—	35	29	05	0	0.0	(Worthing)	—	35	27	0	0	0.0	
Wales.	(Rhyl)	—	36	32	0	0g	0.0	(Littlehampton)	—	—	*	*	*	0.0	
	(Colwyn Bay)	—	39	32	05	bc	0.0	(Southsea)	—	37	29	0.c	c	0.0	
	(Llandudno)	—	37	34	0	0	0.0	(Ryde)	—	37	?	0	0	0.0	
	(Bettws-y-Coed)	—	40	31	0	0gm	0.0	(Ventnor)	—	36	28	*	*	0.0	
	(Aberystwyth)	—	38	31	0.c.0	bc.0	0.7	(Bournemouth)	—	37	28	0	0	0.0	
England, E.	(Tenby)	—	38	34	0g	0	0.3	(Hythe)	—	35	28	0	05	0.0	
	(Lowestoft)	—	37	34	0.c.0	0.c	0.0	(Weymouth)	—	37	29	0.c	c	0.0	
	(Felixstowe)	0.04	36	30	0g5	0r	0.0	(Exmouth)	—	37	29	bc.0	0	0.0	
	(Walton-on-Naze)	0.01	36	32	0d.m.c	c.0.cg	0.0	(Teignmouth)	—	38	31	c	c	0.0	
	(Southend-on-Sea)	—	35	29	0	0	0.0	(Torquay)	—	38	32	0	0	0.0	
							(Paignton)	—	40	31	0r	0r	0.0		
							(Falmouth)	—	37	29	0.c	c.0	0.0		
							(Bude)	—	41	27	0.c.	bc.c	0.3		
							(Ilfracombe)	—	40	31	0	0	0.0		
							(Weston-super-Mare)	—	38	27	c.bc	bc.c.0	0.2		

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	71	76	0.0	36	33	31	0.01	0	0	0
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	87	86	0.0	37	35	33	-	c	c	c.m.s
Camden Sq. (Brit. Rainfall)	77	79	0.0	36	33	29	0.0	05.0	0	0
Hampstead (Reservoir) ...	*	*	0.0	34	31	23	-	05	00	05
Richmond Park ...	*	*	0.0							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.		Max. Rate.				
74 Joules				2.5 Milliwatts.		6.5 Milliwatts.				
S. Kensington (Roof of M.O.)	76	79	0.0							
Additional Observations for Yesterday.										
Dublin to 4 p.m.										
Plymouth to 9 p.m.										
Darwen "										
Manchester "										
Birmingham "										
Oxford to 8 p.m.										
S. Kensington (Museum Grounds to 6 p.m.)										
Trace 36 30 24 c.osp 0gm 0m										

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

14th Jan. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	8.0	12.2	4.4
	7.59	12.2	4.5
Greenwich	8.2	12.9	4.16
	8.1	12.9	4.17
Wick	8.54	12.1	3.48
	8.53	12.1	3.50
Valencia	8.45	12.50	4.55
	8.44	12.50	4.56

NOTES ON YESTERDAY'S WEATHER.

Dull weather prevailed over practically the whole country, the Scottish and Irish stations providing almost the only exceptions. Nairn experienced 4.3 hrs. of sunshine, Valencia 5.1 hrs. Slight precipitation occurred in the east. The maximum temperatures were mostly above 35°, the minima being above the freezing point except in the north-east of Scotland.

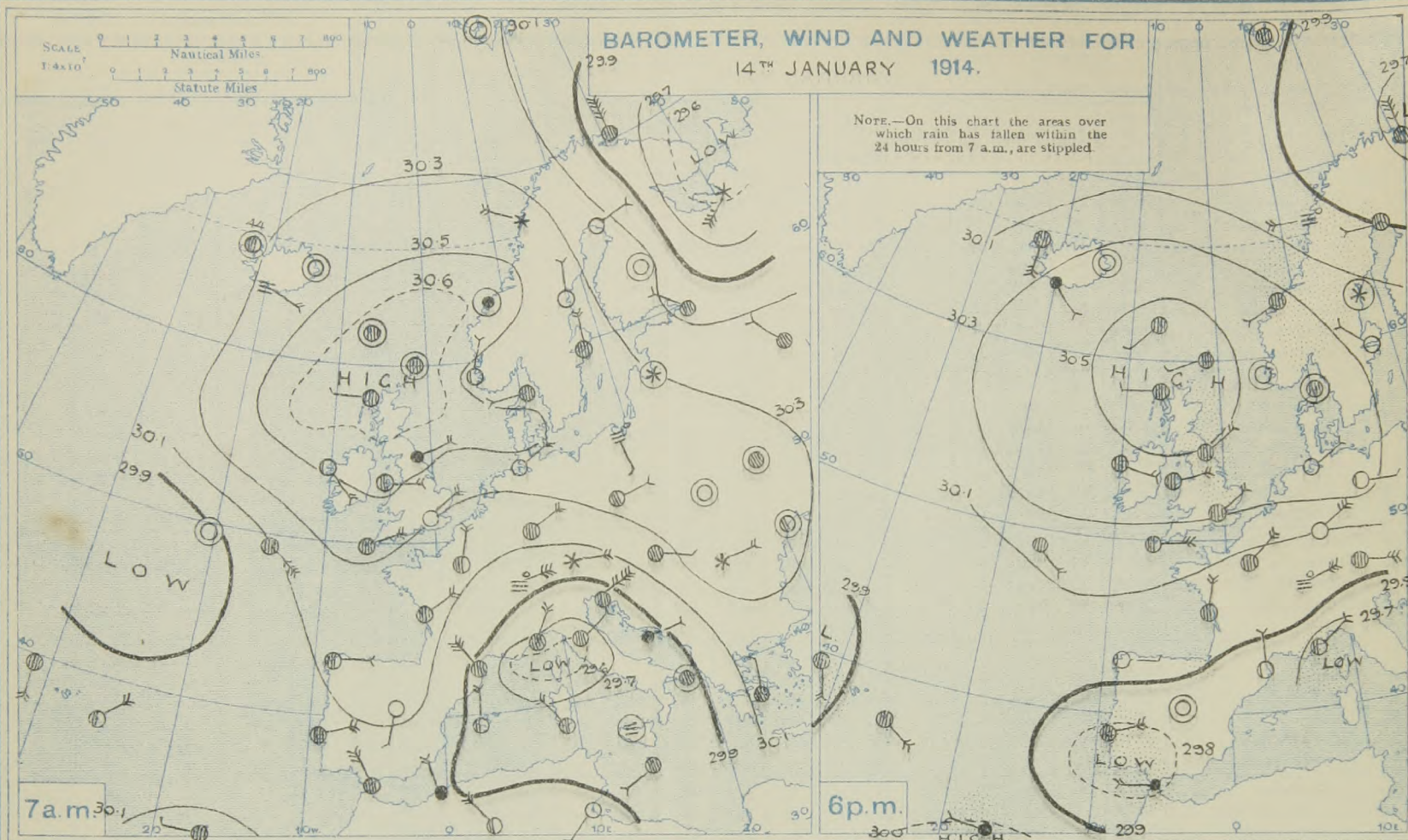
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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.

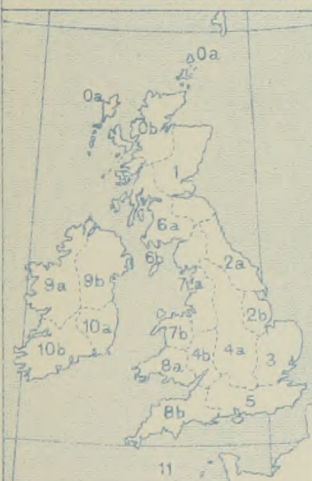
Thursday,
15th January, 1914.

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.				
BRITISH ISLANDS.	Lerwick	In. 30.55	F. 39	WSW	1	om	In. 30.42	-0.03	F. 39	+2	WSW	1	0	1	In. 39	F. 36	bc	bc om	om	Hours			
	Stornoway	30.57	38	W	1	o	30.52	-0.02	36	-1	W	1	0	1	39	36	o	o	o	0.0			
	Castlebay (Barra Isd.)	30.56	35	E	1	b	30.51	-0.01	38	+3	-	0	0	2	38	34	bc	bc b	b o	4.3			
	Glasgow	30.56	36	NE	2	o	30.50	-0.02	33	0	-	0	b	*	39	32	o c	o	c bc bz	0.1			
	Eskdalemuir	30.52	36	NE	4	o	30.49	-0.02	34	+1	N	1	0	*	37	31	bc sp	c	od o	0.1			
	Malin Head	30.52	38	E	2	c	30.47	-0.02	38	+4	SSE	2	c	1	39	35	om	om	om	*			
	Blacksod Point	30.46	36	ESE	3	og	30.42	-0.02	38	+2	ESE	3	b	3	Trace	39	35	bc og	og	eg	*		
	Valencia	30.39	36	E	3	bz	30.38	0.00	37	+1	ENE	1	cd	3	-	39	34	og	o bz	bc o	1.1		
	Roche's Point	30.37	39	NE	1	o	30.39	*	37	-2	NE	1	c	2	-	39	36	om	og c o	c	*		
	Birr Castle	30.43	36	NE	1	o	30.42	*	25	-9	NE	1	bc	*	-	38	25	c	c o	bcx	1.3		
	Donaghadee	30.48	41	ESE	4	bc	30.49	-0.02	42	+4	ESE	3	bc	3	-	42	35	bc	bc	bc	*		
	Liverpool Obsy.	30.43	35	ENE	4	bc	30.41	-0.02	35	+2	N	2	b	1	-	40	32	om	o cm	bcx	0.0		
	Holyhead	30.39	41	ENE	4	c	30.43	-0.01	37	0	ENE	1	o	1	-	42	33	o c om	o c bc	b bc ex	0.0		
	Pembroke (St. Ann's Hd.)	30.32	36	NNE	3	b	30.35	-0.01	30	-2	NE	2	bx	2	Trace	38	28	bcx	c	b	0.4		
	Newquay	30.25	34	NNE	2	b	30.29	0.00	31	-3	NNE	2	bx	3	-	38	30	o	bc c b	ox	0.4		
	Scilly (St. Mary's)	30.24	38	E	5	cm	30.29	+0.01	36	+2	E	4	c	5	-	40	33	cm	c	bc c	0.2		
	Jersey (St. Aubin)	30.13	37	NE	5	ogw	30.15	*	39	+1	NE	6	b	5	Trace	39	33	ogps c	bc c o	c b	1.3		
	Portland Bill	30.23	34	NE	6	c	30.24	+0.01	33	-3	NE	6	bc	4	-	37	32	c o	bc c	bc	*		
	Dungeness	30.18	36	NNE	8	cq	30.18	0.00	36	+3	NNE	5	b	5	-	36	32	og	o cq	cq bx	*		
	Dover	30.22	34	ENE	6	bc	30.21	*	34	+2	NE	6	b	6	-	34	30	c bc	bc	bc b	3.5		
	Wick	30.58	32	-	0	c	30.46	-0.01	35	+5	-	0	cm	2	Trace	35	28	bc om	om cm	om d cm	*		
Nairn	30.58	28	-	0	bcz	30.51	*	28	+5	W	1	og	1	-	31	19	mx	mc	c bz	0.0			
Aberdeen	30.59	34	WNW	3	o	30.49	-0.02	30	-3	NW	3	bc	2	-	36	29	o c b	c o	o c bc	1.8			
Leith	30.52	40	NNE	1	o	30.48	-0.02	37	0	WNW	2	o	*	Trace	40	35	o	o	op	*			
North Shields	30.50	42	NE	3	o	30.44	-0.01	40	0	NE	2	c	4	0.06	43	39	r	r o	o r c	0.0			
Spurn Head	30.39	36	E	4	c	30.34	-0.01	40	+2	NE	4	cp	5	0.01	40	34	c	c	bc	2.0			
Yarmouth	30.35	36	NE	5	bc	30.30	-0.03	39	+2	NE	3	c	2	-	39	32	bc	bc	bc c	4.8			
Clacton-on-Sea	30.25	35	NNE	6	bc	30.27	0.00	34	-1	NNE	3	c	2	-	37	32	c bc	bc	bc c	3.9			
Nottingham	30.42	32	NE	4	b	30.37	*	37	+2	NE	2	o	*	0.03	37	30	csr bc	bc b	bc	1.6			
Bath	30.33	32	NE	5	b	30.34	*	31	-4	E	2	b	*	-	38	31	o bcps	bc b q	b bc og	3.8			
London (Kew Obsy.)	30.30	34	NE	3	o	30.29	0.00	34	-2	NE	2	o	*	-	36	33	og b cmg	bc mg c o	o	2.2			
ICELAND, FAEROE, &c.	Spitzbergen	29.92	-12	-	0	o	29.71	-0.01	-1	+16	-	0	o	*	-	0	-20						
	Isafjord	30.18	44	S	5	o	30.09	-0.04	44	0	S	6	o	*	*	*	*						
	Reykjavik	30.28	44	SE	3	o	30.16	-0.03	42	-3	SE	3	c	*	*	*	*						
	Vestmanna	30.35	43	SE	2	r	30.22	-0.03	42	-1	SE	3	c	4	*	*	*						
	Seydisfjord	30.31	42	-	0	b	30.22	-0.03	38	-4	-	0	b	*	*	*	*						
Thorshavn	30.54	40	SW	1	o	30.40	-0.02	41	+2	W	2	o	*	*	*	*							
SCANDINAVIA.	Haparanda	29.90	48	W	2	o	29.75	-0.06	9	-7	NW	2	o	*	Trace	19	9						
	Hernösand	30.17	27	-	0	s	29.84	-0.04	40	+15	NW	4	bc	*	0.08	41	21						
	Stockholm	30.28	22	NW	2	b	29.98	-0.06	31	+4	WNW	6	o	*	-	32	19						
	Wisby	30.26	31	WNW	4	o	30.06	-0.05	33	+4	WNW	4	r	*	Trace	34	28						
	Karlstad	30.38	13	-	0	b	30.15	-0.06	26	+5	-	0	c	*	-	28	12						
	Vardö	29.67	20	NNE	8	o	29.68	-0.04	15	-4	NE	4	o	3	-	21	10						
	Bodö	29.94	33	W	4	m	29.78	-0.08	40	+8	SW	6	o	3	0.51	40	32						
Christiansund	30.38	40	SW	2	o	30.23	-0.04	41	+3	SW	4	o	5	0.32	41	37							
Skudesnaes	30.46	30	-	0	b	30.32	?	35	+7	WNW	2	o	3	-	25	27							
Færder (X'ianta Fjord)	30.38	33	WSW	1	o	30.20	-0.06	32	-1	-	0	b	1	0.20	34	30							
The Scaw (Skagen)	30.38	32	-	0	o	30.22	-0.06	28	+2	WSW	2	bc	0	-	36	25							
Blaavands Huk	?	29	E	1	o	30.31	-0.01	33	+18	WNW	1	o	1	-	34	12							
GERMANY, &c.	Cuxhaven	30.36	29	NE	2	b	30.30	-0.01	30	+5	NE	2	o	0	-	32	25						
	Berlin	30.32	17	E	1	b	30.26	-0.01	17	+4	N	1	bc	*	-	19	12						
	Frankfurt	30.10	21	NE	5	b	30.11	-0.01	18	-1	NE	5	b	*	-	25	18						
	Munich	29.93	19	E	5	o	29.95	-0.01	20	+7	NE	4	o	*	Trace	21	12						
	The Helder	30.34	32	NE	5	b	30.31	-0.02	29	+1	E	1	o	1	-	34	28						
Brussels	30.16	22	NE	4	b	30.18	0.00	17	-6	NE	4	b	*	?	25	17							
FRANCE.	C. Gris Nez	30.17	33	NE	7	bc	30.13	0.00	34	+6	ENE	7	b	6	-	34	28						
	La Hève	30.11	27	NE	4	o	30.11	*	28	-1	NE	4	b	5	-	32	27						
	Ushant	30.17	42	NE	6	o	?	*	42	-1	NE	6	c	7	-	42	39						
	Brest (St. Mathieu)	30.17	36	NE	4	o	30.17	0.00	39	+1	NNE	5	c	3	-	41	32						
	Lorient (Bec Melen)	?	36	NE	5	o	?	*	34	-4	NE	4	b	3	-	41	27						
	Rochefort (Ile d' Aix)	29.99	28	NNE	4	c	29.99	-0.02	25	-6	NNE	4	o	*	-	34	23						
	Biarritz	29.91	32	ENE	3	o	29.94	0.00	22	-4	E	3	o	2	0.04	36	22						
	Paris	30.07	23	NE	2	o	30.07	+0.01	22	-4	NE	4	o	*	-	27	21						
	Belfort	29.95	17	ENE	6	m	29.97	*	19	+													



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.

None

Issued.

- | | |
|-----------------|--|
| 0 {
a
b} | Light breezes, chiefly from Westward; dull, slight rain in places; temperature below the normal. |
| 1 | Light North-Westerly breezes; fair; cold. |
| 2 {
a
b} | Moderate or light North-Easterly to Northerly breezes; fair generally; cold. |
| 3 | Moderate North-Easterly winds; fair generally; cold. |
| 4 {
a
b} | Same as No. 2. |
| 5 { | Strong North-Easterly winds, decreasing; fair generally; continuing rather cold. |
| 6 {
a
b} | Light variable airs; fair; cold. |
| 7 {
a
b} | Same as No. 2. |
| 8 {
a
b} | Same as No. 3. |
| 9 {
a
b} | Moderate or light Easterly winds; fair; cold. |
| 10 {
a
b} | Fresh North-Easterly winds and a rather rough sea; cloudy, misty; cold. |

Western Channel and Bay. 11

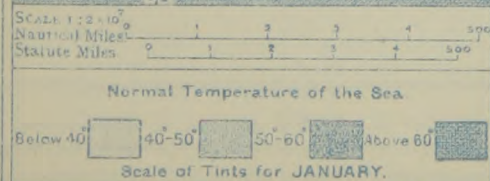
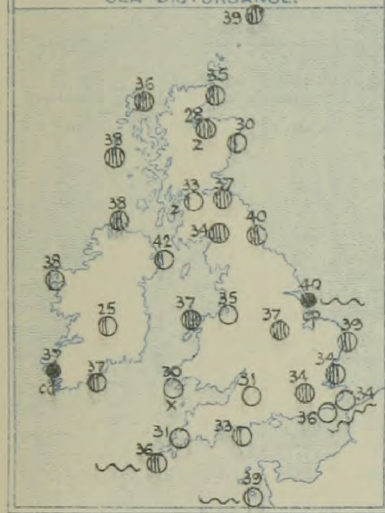
FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., THURSDAY, 15TH JANUARY, 1914.

GENERAL INFERENCE.

The anticyclone will continue to decrease slowly in intensity and as the barometer rises in France the North-Easterly gradient over our southern districts will become less steep.

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.

Thursday, 15th January, 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.	
15th 7 a.m.	49	13	Finland	H	30.26	.00	E	4-5	r										
14th 6 p.m.	49	18	Finland	H	30.15	+0.07	SE	6-7	o	14th 7 a.m.	49	20	Finland	H	29.87	-0.02	-	o	b
" "	49	11	Manitou	H	30.14	+0.01	E	4-5	o	" "	49	16	Mesaba	H	29.93	+0.04	SE	10-11	o
" 1 p.m.	49	13	do.	H	30.27	.00	ESE	6-7	o	" "	49	14	Manitou	H	30.20	+0.04	ESE	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.	
Scotland. (Oban ...)	In.	F.	F.	bc	b	2.9	(Margate ...)	In.	F.	F.	bc	bc	2.6
(St. Andrews ...)	-	37	28	*	*	0.7	(Ramsgate ...)	0.03	34	31	*	*	3.5
Eng. N.E. (Harrogate ...)	0.04	37	31	or	o	0.0	(Folkestone ...)	0.04	34	31	3.0.b.c	o.b.o.b.	2.9
(Scarborough ...)	*	42	35	o.c	o.c	0.0	(Littlestone ...)	*	*	*	*	*	1.5
Eng. N.W. (Morecambe ...)	-	43	30	b.b.c	b.b.c	2.4	(Hastings ...)	0.06	34	30	os.b.c	bc.b	2.5
(Blackpool ...)	-	41	32	c.o	o.c	1.1	(Bexhill-on-Sea ...)	0.04	36	31	os.o.c	cg.b.c.b	3.8
(Southport ...)	-	40	32	o	b.c.e.o	0.8	(Eastbourne ...)	0.01	35	32	bc	o.b.c	3.2
Mid-lands. (Buxton ...)	0.02	34	30	c.s	c.s	0.0	(Seaford ...)	-	35	32	bc.b	o	3.3
(Leamington Spa ...)	0.01	37	33	c.b	bc	3.5	(Brighton ...)	0.01	35	33	c.b.c	b.c.e.o	3.7
(Malvern ...)	-	35	29	o.c.b.c	b.b.c.c	2.0	(Worthing ...)	-	36	34	c.b.c	bc	3.2
Wales. (Rhyl ...)	-	40	30	o	o	0.0	(Littlehampton ...)	-	*	*	*	*	4.0
(Colwyn Bay ...)	-	41	33	bc	bc	0.0	(Southsea ...)	-	37	34	o.c	b.c.c	3.5
(Llandudno ...)	-	41	35	o	o	0.0	(Ryde ...)	-	37	35	bc	bc	4.0
(Bettws y-Coed ...)	-	40	33	o.c.o	o	0.0	(Ventnor ...)	-	37	32	*	*	3.8
(Aberystwyth ...)	-	39	36	o.c	o	0.7	(Bournemouth ...)	-	36	32	o.b.c.b	o	1.8
(Tenly ...)	-	39	36	o.c	o	0.7	(Hythe ...)	0.05	34	30	bc	bc	2.0
England, E. (Lowestoft ...)	-	38	32	bc	bc	4.8	(Weymouth ...)	-	37	33	o.c	bc	2.7
(Felixstowe ...)	-	36	33	bcq	bcq	4.2	(Exmouth ...)	-	39	33	b.c.b	c.b.	2.5
(Walton-on-Naze ...)	-	36	33	cg.b.cq	c.b.cq	3.9	(Teignmouth ...)	-	39	30	ag	c.b.c	1.0
(Southend-on-Sea ...)	0.01	35	32	bc	bc	2.2	(Torquay ...)	-	40	34	o	c.b.c.b	1.4
							(Paignton ...)	-	40	34	os.c	c.b	0.6
							(Falmouth ...)	-	38	33	o.c	bc	0.5
							(Bude ...)	-	42	33	c	c	0.6
							(Ilfracombe ...)	-	41	35	c.b.c.c	c.b.c	1.4
							(Weston-super-Mare ...)	-	39	33	c.b.c.b.	b	4.0

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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	63	78	?	F. 35	F. 31	F. 25	bc	bc.c	bc.b
City (Banhill Row) ...	*	*	0.9	*	*	*	*	*	*
Westminster (St. James's Pk.)	70	88	1.7	36	33	29	bc	c.b.c.c	m
Camden Sq. (Brit. Rainfall)	90	86	2.4	36	30	25	of.b.c	bc	*
Hampstead (Reservoir) ...	*	-	2.3	34	30	20	bc	os	o
Richmond Park ...	*	*	1.0						
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.)				192 Joules		6.5 Milliwatts			
						21.0 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.	In.	F. 42	F. 37	F. 37	o	o.c
Plymouth to 9 p.m.	-	38	32	28	bc	bc
Darwen	0.01	37	31	28	eu	ous
Manchester "	-	35	31	28	*	o
Birmingham "	-	35	31	28	*	o
Oxford to 8 p.m.	*	38	32	28	og	opsh.b
S. Kensington (Museum Grounds to top, m.)	Trace	36	33	25	om	osp.c

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

15th Jan., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.59	G.M.T. 12.2	G.M.T. 4.5
Greenwich ...	7.58	12.3	4.7
Wick ...	8.1	12.4	4.17
Valencia ...	8.53	12.21	3.50
	8.52	12.22	3.52
	8.44	12.50	4.56
	8.43	12.51	4.58

NOTES ON YESTERDAY'S WEATHER.

Slight showers of snow or sleet fell in the eastern part of the country. 4 hours of bright sunshine were experienced at some of the southern and eastern stations and also in the Hebrides. Temperature remained below 40° at most stations, and below 32° in parts of Scotland. A North-Easterly gale occurred during the afternoon in the east of the Channel.

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.

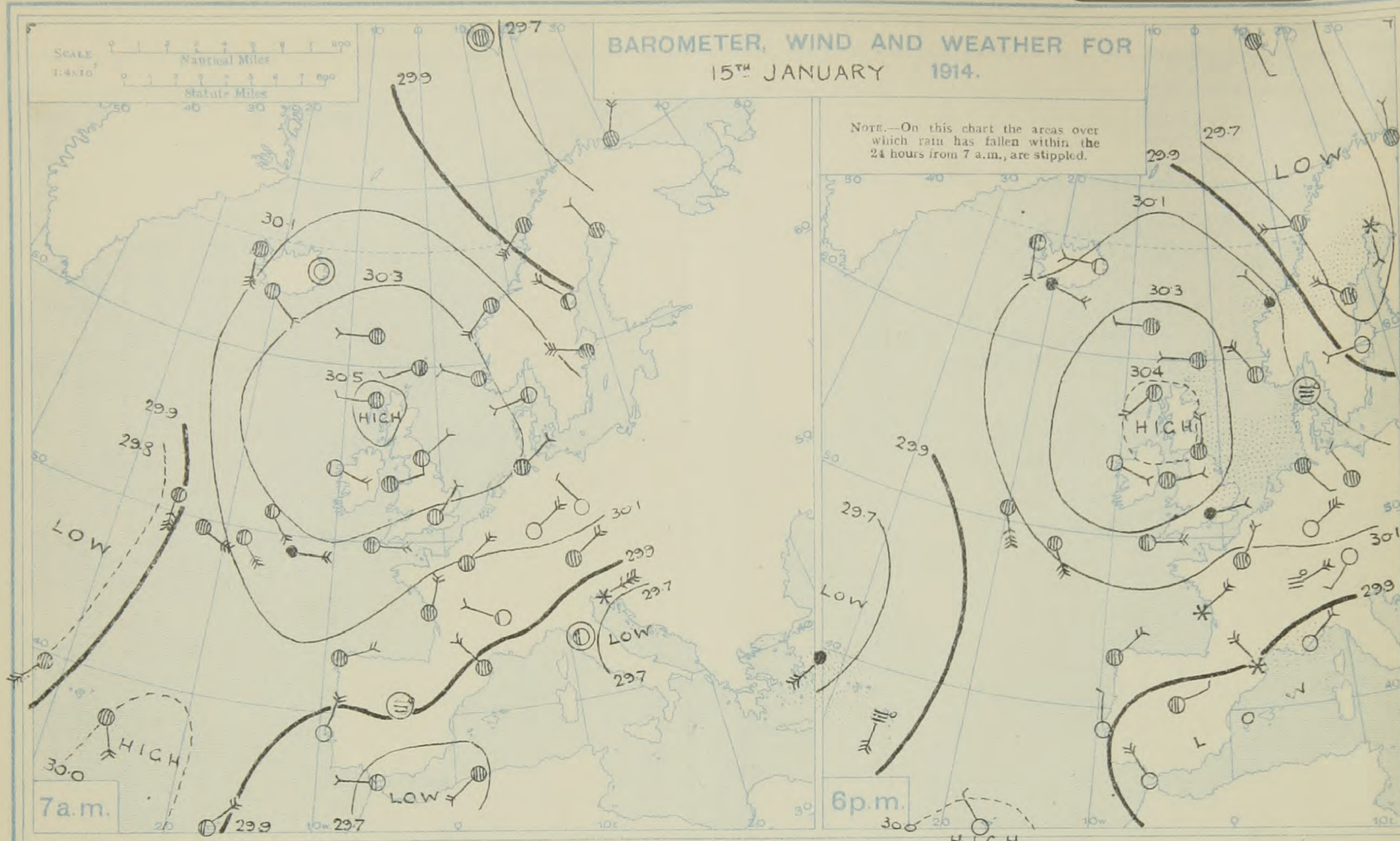
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
16th January, 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. 46°	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 ...	30.34	41	W	2	o	30.22	-0.03	41	+2	WSW	1	o	1	0.03	41	38	o.c	cp	o.c	Hours		
	Stornoway ...	30.45	37	SW	3	c	30.30	-0.04	35	-1	S	1	c	1	-	42	35	o.b.c	b.c	c	2.6		
	Castlebay (Barra Isd.)	30.43	39	-	0	o	30.29	-0.05	37	-1	E	2	b	3	-	41	37	o.c	c.o	o.c.b	0.0		
	Glasgow ...	30.45	32	-	0	b	30.32	-0.04	28	-5	-	0	off	-	-	36	24	bz	bz	bef. of	3.4		
	Eskdalemuir ...	30.45	29	N	1	b	30.30	-0.04	31	-3	M	2	o	-	-	37	26	c.b	b	o	4.0		
	Malin Head ...	30.42	39	S	2	c	30.27	-0.05	33	-5	S	2	b	2	-	41	33	cm	cm	bm	-		
	Blacksod Point ...	30.38	39	ESE	2	b	30.22	-0.05	39	+1	SE	2	cg	2	Trace	42	36	bcy	bcy	bc	-		
	Valencia ...	30.35	37	ESE	2	b	30.13	-0.04	43	+6	E	3	o	3	-	43	33	c.b	b	c.c	6.4		
	Roche's Point ...	30.37	41	NE	1	o	30.18	-	40	+3	ENE	3	o	3	-	42	33	c.b.c	c.o	o	-		
	Birr Castle ...	30.38	38	NE	1	o	30.21	-	37	+12	-	0	o	-	-	39	25	b.c	c.o	o	4.3		
	Donaghadee ...	30.41	41	NE	2	b.c	30.27	-0.04	39	+3	E	3	b.c	3	-	43	39	c	b.c	c.b.c	-		
	Liverpool Obsy. ...	30.38	37	NNE	2	o	30.24	-0.04	35	0	NE	1	o	1	-	41	34	b.c.o	cm	o	0.2		
	Holyhead ...	30.38	42	ENE	2	cg	30.24	-0.05	37	0	ENE	2	c	2	-	44	36	a.c.p.b.c	b.b.c.g	b.b.c.e.o	2.7		
	Pembroke (St. Ann's Hd.)	30.32	39	NNE	3	c	30.18	-0.05	37	+7	ENE	3	c	3	-	41	30	b.c	b.c	c	4.6		
	Newquay ...	30.26	39	N	2	o	30.13	-0.02	37	+6	NE	2	cg	2	-	40	30	b	b.b.c.o	o	5.3		
	Scilly (St. Mary's) ...	30.28	40	E	4	cm	30.12	-0.03	41	+5	E	3	cg	4	-	41	35	b.c	b.b.c.m	cm.c	6.5		
	Jersey (St. Aubin) ...	30.17	39	NE	4	b	30.11	-	32	-7	ENE	3	bm	3	-	43	32	b	b	bm	6.8		
	Portland Bill ...	30.24	38	NE	4	b	30.16	-0.02	38	+5	NE	4	o	3	-	41	33	b.c.o	c.b.c	b.c.o	-		
	Dungeness ...	30.21	38	NNE	5	cm	30.14	-0.02	36	0	NE	4	cm	3	-	38	34	b.c	c.o	c.o.c.o	-		
	Dover ...	30.18	35	NE	6	b.c	30.14	-	33	+1	E	5	o	3	-	38	32	b.x.b.c	b.b.c	b.c.o	6.4		
ICELAND, FAEROE, &c.	Wick ...	30.41	36	W	2	o	30.27	-0.04	36	+1	WNW	2	cm	2	0.13	38	34	cm	cm	cm.p.m	-		
	Nairn ...	30.44	31	W	1	cg	30.30	-	31	+3	-	0	cg	1	-	33	27	cg	b.c	cg	0.7		
	Aberdeen ...	30.42	36	WNW	3	o	30.28	-0.03	37	+7	WNW	2	o	2	-	37	29	c.o	o	c.o	0.0		
	Leith ...	30.41	37	WSW	2	o	30.29	-0.05	33	-4	W	2	c	-	-	39	33	b.c	b.c	o	-		
	North Shields ...	30.40	37	N	3	o	30.26	-0.03	39	-1	NW	2	o	3	0.02	41	37	o.c	o.p.o	o	0.3		
	Spurn Head ...	30.30	42	NNE	4	c	30.20	-0.02	39	-1	NNE	1	cp	3	0.14	43	35	cp	cp	cp	0.7		
	Yarmouth ...	30.29	38	E	2	o	30.17	-0.02	35	-4	NE	2	cm	1	0.05	40	35	or	or	od	0.0		
	Clacton-on-Sea ...	30.25	36	NNE	2	ogm	30.16	-0.02	35	+1	NNE	1	og	1	0.01	38	33	c.o	ogm	ogm.pd	0.0		
	Nottingham ...	30.34	40	NNE	4	o	30.21	-	37	0	NE	3	o	-	0.03	41	36	a.cdm	dm.o	o.bep	0.1		
	Bath ...	30.28	40	E	2	o	30.18	-	37	+6	E	2	o	-	-	42	30	b.c	o	o	0.0		
London (Kew Obsy.) ...	30.26	38	ENE	2	adm	30.16	-0.02	37	+3	NE	2	om	-	0.05	39	33	comomd	omd	odm.omr	0.0			
SCANDINAVIA.	Spitzbergen ...	29.63	2	S	1	o	29.41	-0.05	13	+14	N	4	S	-	?	13	-8						
	Isafjord ...	30.00	45	S	3	c	29.95	+0.01	45	+1	S	4	c	-	-	-	-						
	Reykjavik ...	30.08	42	ESE	4	o	29.96	-0.00	42	0	ESE	2	c	-	-	-	-						
	Vestmanna ...	30.13	42	ESE	3	r	29.99	-0.02	42	0	SE	2	c	2	-	-	-						
	Seydisfjord ...	30.14	37	W	2	b	30.07	+0.01	33	-5	-	0	b.c	-	-	-	-						
	Thorshavn ...	30.34	41	W	1	o	30.21	-0.03	42	+1	-	0	o	-	-	-	-						
	Haparanda ...	29.67	15	S	2	s	29.81	+0.03	8	-1	NE	2	o	-	0.12	16	7						
	Hernösand ...	29.67	42	NW	4	o	29.71	-0.00	32	-8	-	0	o	-	Trace	43	30						
	Stockholm ...	29.86	32	W	2	b	29.79	+0.02	28	-3	W	2	b.c	-	-	36	28						
	Wisby ...	29.45	34	NW	4	c	29.83	-0.00	34	+1	NW	6	b	-	-	36	32						
GERMANY, &c.	Karlstad ...	30.03	26	-	0	c	29.94	-0.00	26	0	-	0	b	-	-	32	21						
	Vardö ...	29.73	18	NNE	2	o	29.75	-0.00	19	+4	NE	2	o	3	-	18	10						
	Bodö ...	29.70	39	W	4	o	29.94	-0.00	39	-1	W	4	c	2	-	40	37						
	Christiansund ...	30.12	41	NW	2	r	30.06	-0.01	41	0	W	3	r	5	0.55	41	39						
	Skudesnaes ...	30.23	39	NW	4	c	30.07	-0.02	35	0	N	4	b	2	-	39	34						
	Færder (X'ianta Fjord)	30.07	32	WSW	1	b	30.00	-0.00	33	+1	NW	1	o	1	-	33	30						
	The Scaw (Skagen) ...	30.10	32	-	0	m	30.01	-0.03	30	+2	WSW	1	f	0	Trace	32	27						
	Blaavands Huk ...	30.16	37	W	2	c	30.08	-0.04	34	+1	N	1	b	1	Trace	37	28						
	Cuxhaven ...	30.24	29	SE	1	o	30.10	-0.03	29	-1	S	3	o	0	-	32	28						
	Berlin ...	30.23	28	NW	1	o	30.16	-0.01	23	+6	SW	1	o	-	-	28	16						
FRANCE.	Frankfurt ...	30.14	23	NE	5	b	30.16	-0.00	16	-2	SE	1	m	-	-	28	16						
	Munich ...	30.06	19	SW	1	b	30.13	-0.00	14	-6	NE	2	c	-	-	25	12						
	The Helder ...	30.28	30	E	1	o	30.15	-0.03	29	0	S	1	o	0	Trace	32	28						
	Brussels ...	30.20	23	ENE	3	b	30.13	-0.03	15	-2	-	0	b	-	-	29	14						
	C. Gris Nez ...	30.17	34	NE	6	b.c	30.13	-0.02	25	-7	E	5	b	4	-	37	25						
	La Hève ...	30.12	33	NE	4	b	30.10	-	23	-5	NE	4	b	4	-	36	21						
	Ushant ...	?	43	NE	6	o	30.06	-	41	-1	ESE	3	o	5	-	43	36						
	Brest (St. Mathieu) ...	30.19	40	NE	5	c	30.10	-0.02	36	-3	E	2	b.c	3	-	45	34						
	Lorient (Bec Melen) ...	30.04	23	NE	5	s	30.01	-0.02	25	0	NE	4	b	-	-	30	25						
	Rochefort (Ile d' Aix)	30.01	24	E	3	o	29.97	-0.02	25	+3	ESE	3	o	3	-	28	21						
SPAIN, PORTUGAL, &c.	Biarritz ...	30.01	24	E	3	o	29.97	-0.02	25	+3	ESE	3	o	3	-	28	21						
	Paris ...	30.10	28	NE	3	o	30.08	-0.01	18	-4	NNE	2	b	-	-	31	18						
	Belfort ...																						

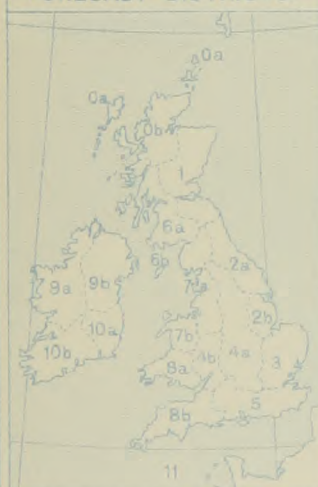
* Information for these columns not usually received.

† 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
Coast.

North
Coast.

Signals hoisted this morning.

South
Coast.

North
Coast.

None
Issued.

Light Westerly and South-Westerly winds; cloudy, slight rain locally; normal temperature.

Light breezes, chiefly from Northward or North-Westward; cloudy, misty in places; rather cold.

Light North-Easterly winds; cloudy and misty, with slight rain at times; rather cold.

Light variable airs; fair generally, misty; rather cold.

Light Easterly winds; fair generally, but misty; rather cold.

Moderate to fresh Easterly to South-Easterly winds and a moderate sea; cold, misty in places.

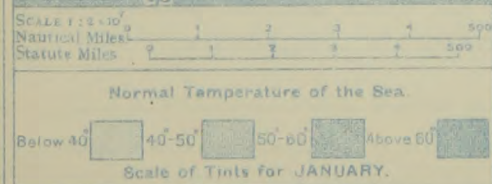
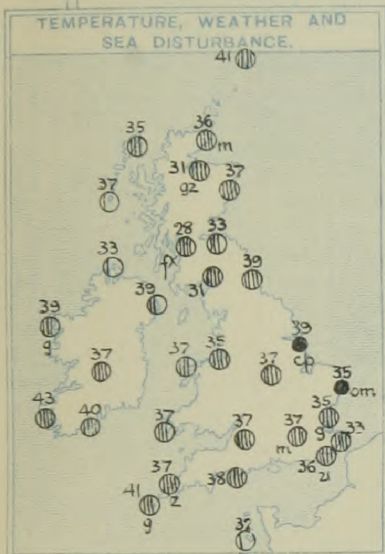
Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., FRIDAY, 16TH JANUARY, 1914.

GENERAL INFERENCE.

There are at present no signs of any material change in the general conditions and the anticyclone over Scotland, though decreasing in intensity, will continue to dominate the meteorological conditions.



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.
T, thunderstorm.

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

DAILY WEATHER REPORT.

Friday, 16th January, 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.	
16th 7 a.m.	51	14	Merion	O	29.86	-0.20	SE	6-7	C	15th 6 p.m.	49	15	Montrose	H	30.18	+0.06	SE	6-7	O
15th 6 p.m.	51	19	Andania	O	30.09	+0.06	SSE	8-9	O	15th 7 a.m.	50	23	Empress of Ireland	H	29.81	+0.02	S	8-9	C
" "	50	18	Empress of Ireland	H	30.04	+0.12	SSE	8-9	C	" "	49	21	New York	H	29.97	+0.01	SE	6-7	O
" "	49	16	New York	H	30.11	+0.03	SE	6-7	C	" "	51	15	Andania	O	30.27	-0.03	SSE	4-5	C
" "	51	12	Royal Edward	O	30.36	-0.04	ESE	4-5	C	" "	49	19	Montrose	H	30.14	+0.02	SE	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.	m.b.c.b.	b.	Hr.	Margate	In.	F.	F.	b.c.	b.c.	Hr.
Oban	-	39	25	*	*	4.8	Ramsgate	-	37	33	*	*	2.2
St. Andrews	-	-	-	*	*	-	Folkestone	-	38	34	b.c.b.o	b.o	0.6
Eng. N.E.	0.01	39	34	o	p.o	0.0	Littlestone	-	38	34	b.c.b.o	b.o	4.7
Harrogate	-	44	38	o.c	o.c	0.9	Hastings	-	38	30	b.c.	b.c.	5.3
Scarborough	-	-	-	o.c	o.c	0.0	Bexhill-on-Sea	-	40	33	b.b.c.	b.b.c.o	5.5
Eng. N.W.	-	41	36	c	c	0.0	Eastbourne	-	41	30	b.c.o	b.c.b	4.9
Morecambe	-	41	34	o.c	o	0.0	Seaford	-	39	29	b.c.	b	5.7
Blackpool	-	40	34	o	o.c.o.c	0.0	Brighton	-	39	32	b.c.b	b.b.c.o	4.8
Southport	-	-	-	o	o	0.0	Worthing	-	38	32	b.c.	b.c.	4.2
Mid-lands.	0.02	37	28	*	*	0.0	Littlehampton	-	-	-	*	*	5.0
Buxton	-	41	30	o	o	0.0	Southsea	-	40	32	b	b.c	4.0
Leamington Spa	-	38	30	o	o	0.0	Ryde	-	39	35	b.c.	b.c.	2.5
Malvern	0.02	-	-	o	o	0.0	Ventnor	-	40	31	*	*	5.5
Wales.	-	41	27	o	o	0.0	Bournemouth	-	41	30	b.b.c.	b.b.c.o	4.3
Rhyl	-	41	30	*	*	0.0	Hythe	-	39	30	b.c.	b.c.	5.5
Colwyn Bay	-	43	33	o	o	0.0	Weymouth	-	41	31	b	b.b.c.	5.2
Llandudno	-	-	-	o	o	0.0	Exmouth	-	38	31	b.c.c.	b.c.b.	3.5
Bettws-y-Coed	-	41	31	o.c	c.o	0.5	Teignmouth	-	40	31	b	b.c.c.	2.2
Aberystwyth	-	42	39	b	c.o	3.5	Torquay	-	41	33	b	b.c.o	2.0
Tenby	-	-	-	b	c.o	0.0	Paignton	-	40	31	b	b.c.	0.6
England, E.	-	39	35	or	o	0.0	Falmouth	-	40	28	b	b.c.	4.9
Lowestoft	-	38	31	o	o	0.0	Bude	-	43	27	b.c.	b.c.o	4.3
Felixstowe	-	37	32	c	c	0.0	Ilfracombe	-	44	34	o	o	0.0
Walton-on-Naze	-	36	31	b.c	o.d.p	0.0	Weston-super-Mare	-	41	28	b.c.	cm	0.2
Southend-on-Sea	0.02	-	-	b.c	o.d.p	0.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	10 a.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	88	91	0.0	38	34	32	0.01	o.or	o.or
City (Bunhill Row)	-	-	0.0	-	-	-	-	-	-
Westminster (St. James's Pk.)	92	92	0.0	40	36	33	0.02	mr	mr
Camden Sq. (Brit. Rainfall)	93	96	0.0	38	34	32	0.05	o.gm	or
Hampstead (Reservoir)	-	98	0.0	37	34	26	0.07	od	omr
Richmond Park	-	-	0.0	-	-	-	-	-	-
Kew. (See front page)	-	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
97				Joules		3.3 Milliwatts.			
S. Kensington (Roof of M.O.)				92		9.0 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.	-	45	39	37	c.o	o.c
Plymouth to 9 p.m.	-	38	32	28	c.o	o.c
Darwen	-	38	32	28	c.o	o.c
Manchester	Trace	42	36	*	cp	o.c
Birmingham	0.03	39	28	21	*	o.c
Oxford to 8 p.m.	-	40	28	23	b.c.o	o.d
S. Kensington (Museum Grounds to 6 p.m.)	0.01	39	32	23	c	o.or

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

16th & 17th Jan., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.58 7.57	G.M.T. 12.3 12.3	G.M.T. 4.7 4.9
Greenwich	8.1 8.0	12.10 12.10	4.19 4.21
Wick	8.52 8.50	12.22 12.22	3.52 3.54
Valencia	8.43 8.42	12.51 12.51	4.58 5.0

NOTES ON YESTERDAY'S WEATHER.

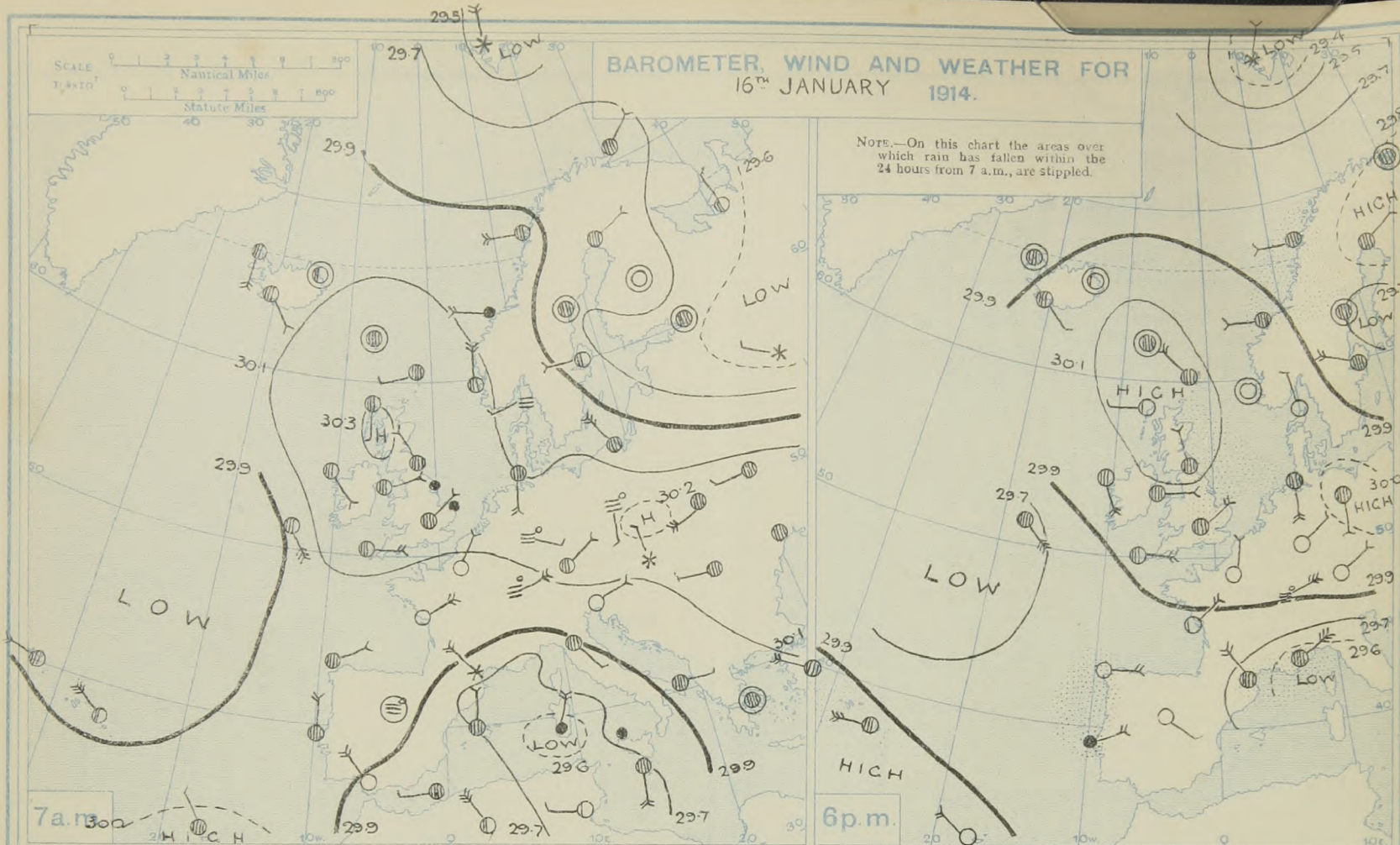
Slight rain fell in the eastern part of the country. Considerable amounts of bright sunshine were experienced along the south coast. Further north the sky was as a rule overcast. Oban experienced 4.8 hrs. The maximum temperature rose to about 40° over the greater part of the country. Several degrees of frost occurred at night in the inland parts of Scotland and Ireland, and locally also in England.

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, ngly, 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.

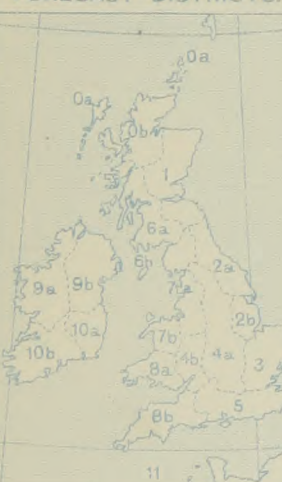
Saturday,
17th January, 1914.

† 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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

**None
Issued.**

0 { a } Variable or light Easterly airs; fair generally;
b } moderate temperature.

1 { a } Light North-Easterly breezes; cloudy, slight rain
b } locally; moderate temperature.

2 { a } Light or moderate breezes from between North and
b } East; cloudy, slight rain at times; little change of
3 { a } temperature.
b }

4 { a } Light Easterly breezes; fair generally; moderate
b } or rather cold temperature.
5 { a }
b }

6 { a } Moderate or fresh winds between North-East and
b } South-East, with a moderate sea; cold; unsettled.
7 { a }
b }

Western Channel and Bay. 11

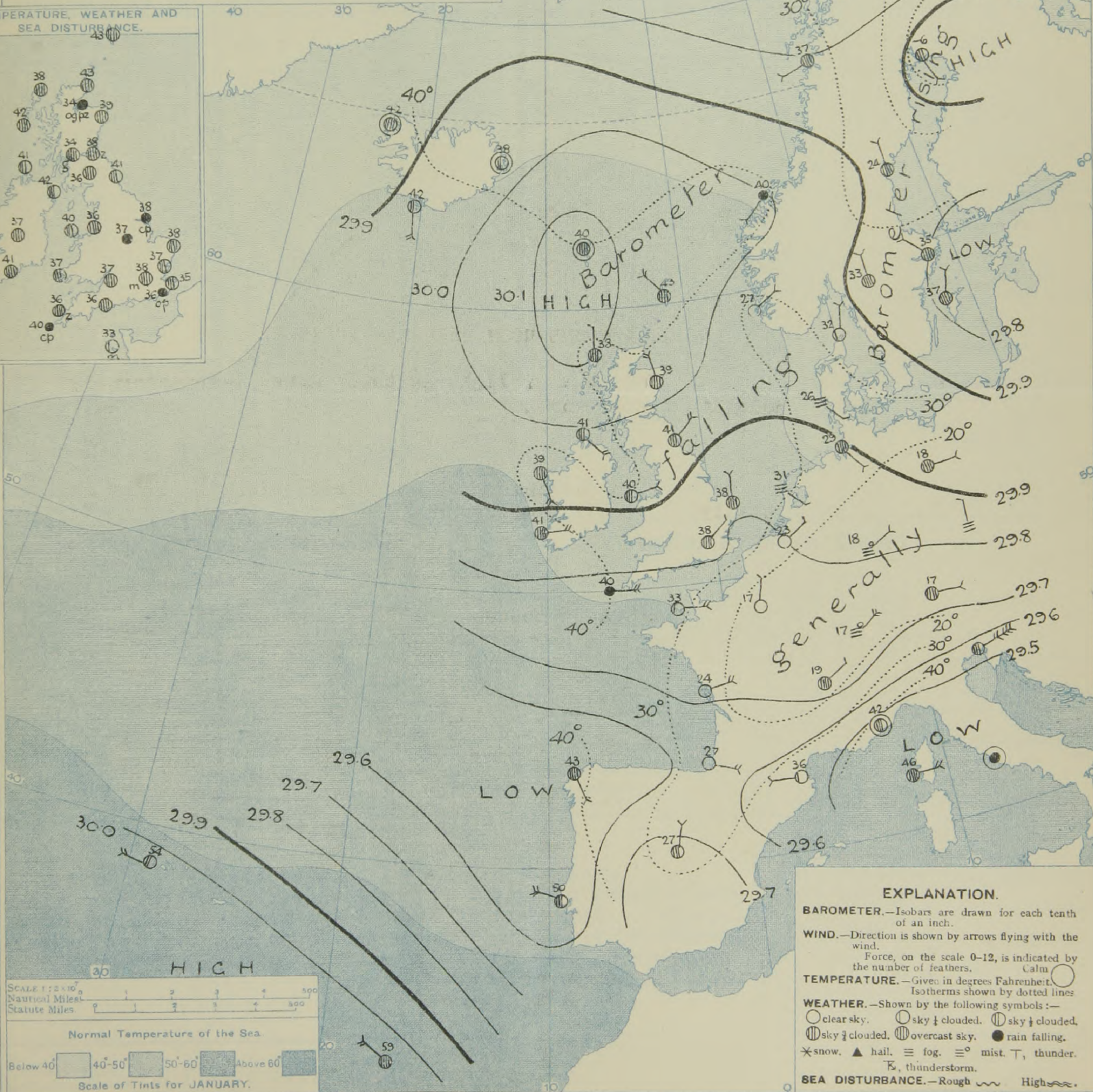
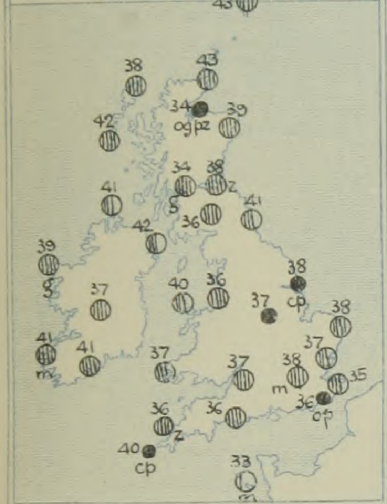
FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., SATURDAY, 17th JANUARY, 1914.

GENERAL INFERENCE.

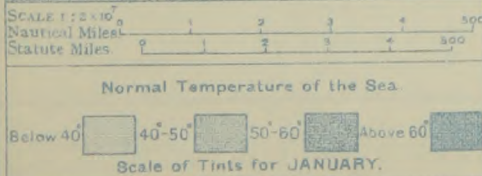
There are no signs of any material change in the general distribution of pressure in the neighbourhood of the British Isles. Slight irregularities of pressure over the North Sea will continue to cause occasional light rain in the eastern districts.

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.
⚡, thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~.



DAILY WEATHER REPORT.

Saturday, 17th January, 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.	51	17	Merion	O	29.67	+0.6	SE	6-7	0	16th 7 a.m.	49	11	New York	H	30.10	-0.4	E	4-5	0
"	51	11	Cedric	O	29.64	-0.4	ESE	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.	(Oban ...	In.	F.°	F.°	m.b.c.	b.m.	Hr.	Margate ...	In.	F.°	F.°	b.c.	c.o.	Hr.	
	(St. Andrews ...		37	23	*	*	1.5		Ramsgate ...		39	35	*	*	0.6
Eng. N.E.	(Harrogate ...	0.01	38	32	o	o	0.0	Folkestone ...		37	33	o	o	0.1	
	(Scarborough ...	*	43	39	o.c.	o.c.	0.0	Littlestone ...	*	*	*	*	*	0.2	
Eng. N.W.	(Morecambe ...		42	32	c	c	0.0	Hastings ...		37	33	o	o.b.	0.0	
	(Blackpool ...		40	31	o	o	0.0	Bexhill-on-Sea ...		37	34	o	o.b.c.b.	0.0	
	(Southport ...		39	31	o	o	0.0	Eastbourne ...		37	30	o	o	0.0	
Mid- lands.	(Buxton ...	0.02	37	31	*	*	0.0	Seaford ...		37	30	o	c	0.2	
	(Leamington Spa ...	0.01	39	35	o	og	0.0	Brighton ...		38	34	o	o.c.m.	0.0	
	(Malvern ...		38	35	o.c.	c	0.0	Worthing ...		38	33	c	c	0.0	
Wales.	(Rhyl ...		39	33	o	o	0.0	Littlehampton ...		*	*	*	*	0.2	
	(Colwyn Bay ...		39	33	o.b.c.	b.c.o	0.0	Southsea ...		37	33	b.c.z	z	0.0	
	(Llandudno ...		40	36	o	o	0.0	Kyde ...		37	35	o	o	0.0	
	(Bettws y-Coed ...		41	31	x.f.o.	o.c.o	0.0	Ventnor ...		41	35	*	*	0.0	
	(Aberystwyth ...		40	38	og	og	0.0	Bournemouth ...		38	35	o	o	0.1	
England, E.	(Lowestoft ...	0.02	40	35	o	o	0.0	Hythe ...		34	32	o	o	0.0	
	(Felixstowe ...		41	34	c.m.o	c.o	0.3	Weymouth ...		38	37	c	o	0.0	
	(Walton-on-Naze ...	0.01	40	35	c.m.b.c	b.c.og	1.3	Exmouth ...		39	33	o	c.b.	0.0	
	(Southend-on-Sea ...		41	34	b.c.b	b.c.o	2.0	Teignmouth ...		40	38	c.p.c	c	0.0	
								Torquay ...	0.01	40	38	o	o	0.0	
							Paignton ...	0.02	40	38	ord	o	0.0		
							Falmouth ...		40	37	o	o	0.0		
							Bude ...		44	37	o	o	0.0		
							Ilfracombe ...		40	38	o	o	0.0		
							Weston-super-Mare ...		40	34	me	sem	0.0		

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.		
	3 a.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	81	91	0.8	41	36	33	-	o	o.c.p.	o
City (Bunhill Row) ...	*	*	0.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	86	96	0.1	41	38	36	-	m.	c.m.	c.m.
Camden Sq. (Brit. Rainfall)	84	93	0.3	41	36	33	-	o.d.m.c	c.o	*
Hampstead (Reservoir) ...	*	98	0.3	38	34	27	-	e.o	oe	o
Richmond Park ...	*	*	0.2	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)				Total.	Average Rate.	Max. Rate.				
S. Kensington (Roof of M.O.)	85	94	0.0	93 Joules	3.1 Milli-watts.	19.0 Milli-watts.				

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	In.	F.	F.	o.c.b	c.o	o	*
Plymouth to 9 p.m.	-	43	38	36	o	o	0.0
Darwen "	-	41	37	36	o	o	0.0
Manchester "	-	38	29	26	c.b.o.u	o.g.u	0.0
Birmingham "	-	39	34	31	*	o	0.0
Oxford to 8 p.m.	*	40	35	32	o	o.g.m.p.s	o.p.d
S. Kensington (Museum Grounds to 6 p.m.)	0.01	40	36	33	o.m	o.g.m	o.m.s.m.d

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

17th & 18th Jan., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.57	12.3	4.9
	7.55	12.3	4.11
Greenwich ...	8.0	12.10	4.21
	7.59	12.10	4.23
Wick ...	8.50	12.22	3.54
	8.48	12.22	3.57
Valencia ...	8.42	12.51	5.0
	8.41	12.51	5.2

NOTES ON YESTERDAY'S WEATHER.

Dull weather prevailed over the British Isles, but over 7 hours of bright sunshine were recorded in the Channel Islands. Rain fell at some of the eastern stations, but the amounts of precipitation are less than 0.1 inch. The maximum temperatures were for the most part between 35° and 40°, reaching 44° at Valencia.

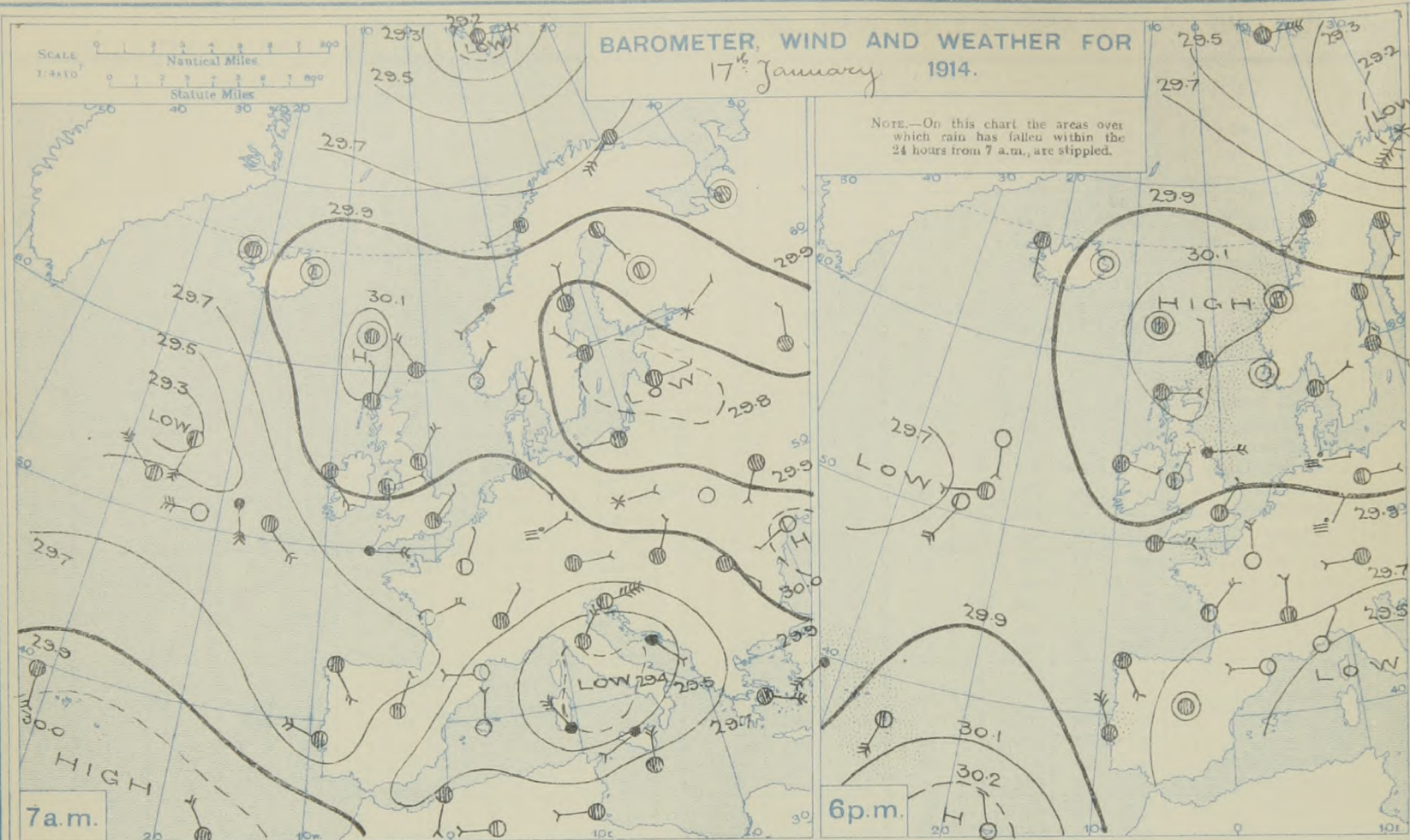
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
18th January, 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.		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	30.10	42	N	1	o	30.14	+01	42	-1	NE	1	c	1	0.04	44	40	c	o	op	*		
	Stornoway	30.11	41	E	2	o	30.12	00	41	+3	-	0	o	0	trace	42	38	o	o	o	0.0		
	Castlebay (Barra Isd.)	30.06	43	E	3	o	30.08	00	43	+1	ESE	3	o	3	-	44	42	c	c	c	0.0		
	Glasgow	30.05	38	ENE	2	ad	30.11	+02	35	+1	ENE	2	o	*	0.02	40	34	o.p.p	o.c.b.c	o.b.c.b.	1.1		
	Eskdalemuir	30.01	36	NE	4	bc	30.13	+06	34	-2	-	0	o	*	0.06	40	32	o.c.p.c	bc.o.c	bc.p.o	1.1		
	Malin Head	30.02	42	E	2	o	30.02	00	41	0	SE	4	c	2	trace	43	41	om	og	om	*		
	Blacksod Point	29.99	40	ESE	1	og	30.01	00	39	0	SE	1	og	2	trace	41	36	om	og	og	*		
	Valencia	29.95	40	E	2	og	29.99	-01	29	-12	E	1	bx	4	-	41	28	og	og	o.c.bz	0.0		
	Roche's Point	29.96	39	NE	1	o	30.01	*	37	-4	NNE	1	o	2	-	42	36	o	o	o.b.o	*		
	Birr Castle	29.97	37	NE	1	c	30.00	*	35	-2	NE	1	o	*	0.02	41	34	c	em.c	oe	1.0		
	Donaghadee	29.98	43	E	4	bc	30.05	+01	40	-2	ESE	4	omp	4	trace	43	40	em	bc	bc.omp	*		
	Liverpool Obsy.	29.92	40	NE	2	o	30.07	+02	36	0	ESE	2	o	2	-	40	36	em	om	o	0.1		
	Holyhead	29.92	40	NE	2	bc	30.02	+02	38	-2	ENE	2	om	2	0.05	43	37	cp.sp	op.c	op.om	0.5		
	Pembroke (St. Ann's Hd.)	29.91	39	NNE	2	bc	29.99	+03	38	+1	ENE	3	cm	3	trace	41	37	c	bc	bc.em	1.3		
	Newquay	29.86	39	NE	1	og	29.99	+02	34	-2	E	1	cg	3	-	40	33	o	og	o	0.0		
	Scilly (St. Mary's)	29.86	41	E	3	om	29.98	+02	40	0	NNW	1	o	3	0.04	42	37	om	om	cp.cq	0.0		
	Jersey (St. Aubin)	29.82	39	NE	2	c	29.99	*	34	+1	NE	3	bm	2	trace	41	32	bm	bc.em	opd.bx	6.2		
	Portland Bill	29.87	39	NNE	3	o	30.00	+02	36	0	ENE	4	b	3	-	40	34	o	o	o.c.bc	*		
	Dungeness	29.84	37	NE	3	ou	29.97	+02	37	+1	NE	3	o	2	0.03	40	34	c.o	bc.c.o	c.bc.ox	*		
	Dover	29.83	35	NE	4	c	29.99	*	34	-1	NE	4	c	4	0.02	42	32	ce.c.o	bcc.o.c	bc.c.x	2.1		
Wick	30.12	42	-	0	o	30.13	00	37	-6	NW	1	om	1	0.05	44	36	om	ompd	om	*			
Nairn	30.11	35	-	0	rm	30.13	*	35	+1	-	0	og	1	0.11	37	33	pdn	m.c	dgz.	0.0			
Aberdeen	30.10	40	NE	2	o	30.14	+01	38	-1	N	2	o	3	0.06	43	37	cp	c.op	op.o	0.3			
Leith	30.02	41	ENE	1	bc	30.11	+02	33	-5	SW	1	c	*	0.01	42	31	o.c.p	bc	odp	*			
North Shields	29.97	41	E	4	op	30.10	+02	40	-1	E	3	c	3	0.11	43	38	r.c.	cp	of.c.	1.0			
Spurn Head	29.92	39	ESE	3	c	30.05	+03	38	0	ESE	4	cp	4	0.09	41	36	cp	cp	cp	0.0			
Yarmouth	29.90	38	E	4	bc	30.06	+05	35	-3	E	3	r	2	-	40	35	c	c.bc	o	0.1			
Clacton-on-Sea	29.87	36	NNE	2	bc	30.01	+02	36	-1	NE	2	c	2	trace	42	36	cp.c	cp.bc	bc	1.5			
Nottingham	29.91	38	NE	2	o	30.07	*	36	-1	NE	2	o	*	0.02	40	35	opm	om	o	0.0			
Bath	29.89	38	ENE	1	o	30.06	*	27	-10	NE	1	b	*	-	41	26	omgp	ogm	mg.o.b	0.0			
London (Kew Obsy.)	29.88	39	NE	2	o	30.03	+03	35	-3	NE	2	o	*	-	40	33	om	om.o	obc.bm	0.0			
ICELAND, FAEROE, &c.	Spitzbergen	29.39	-3	E	7	o	29.63	+04	-23	-38	-	0	b	*	?	15	-24	GALES. Duration and Extreme Force in British Islands					
	Isafjord	29.84	42	S	1	o	29.69	-10	44	+2	S	4	o	*	*	*	*						
	Reykjavik	29.86	43	SSE	5	o	29.57	-12	39	-4	E	5	r	*	*	*	*						
	Vestmanna	29.89	42	SE	4	c	29.70	-06	42	0	SE	5	c	4	*	*	*					*	
	Seydisfjord	29.99	35	-	0	b	29.88	-03	34	-4	-	0	bc	*	*	*	*						
	Thorshavn	30.14	40	-	0	o	30.10	-02	38	-2	-	0	o	*	*	*	*						
SCANDINAVIA.	Haparanda	29.76	14	S	2	o	29.83	+01	33	+39	-	0	b	*	-	36	?						
	Hernösand	29.91	28	S	2	o	29.80	-03	30	+6	W	6	o	*	-	30	-8						
	Stockholm	29.99	31	SE	2	o	29.99	00	30	-5	W	2	o	*	trace	35	28						
	Wisby	29.99	28	NE	2	o	30.08	+01	30	-7	NE	2	o	*	-	37	27						
	Karlstad	30.02	33	-	0	o	30.10	+04	20	-13	-	0	c	*	-	36	19						
	Vardö	29.17	18	SW	8	S	29.21	+09	26	+14	N	9	c	5	-	26	5						
GERMANY, &c.	Bodö	29.75	39	SW	4	o	29.69	-01	40	+3	WSW	6	o	3	0.08	40	37						
	Christiansund	30.10	40	-	0	c	30.12	+01	39	-1	WSW	1	o	4	0.12	41	37						
	Skudesnaes	30.07	31	-	0	b	30.14	00	30	+3	ENE	2	o	1	-	34	27						
	Færder (X'ania Fjord)	30.08	35	NNW	3	o	30.10	00	30	-3	-	0	b	0	-	36	30						
	The Scaw (Skagen)	30.04	35	ENE	2	o	30.12	+02	31	-1	WSW	1	b	0	-	36	28						
	Blaavands Huk	30.04	21	-	0	f	30.15	+01	29	+3	ENE	1	f	0	-	29	18						
	Cuxhaven	29.97	30	E	1	m	30.10	+03	32	+3	NE	2	o	0	-	32	28						
	Berlin	29.94	25	E	2	c	30.05	+05	30	+12	N	1	o	*	trace	?	18						
	Frankfurt	29.82	27	NE	1	m	30.02	+07	18	0	NE	4	m	*	-	30	18						
	Munich	29.75	21	W	2	o	29.94	+06	15	-2	NE	1	b	*	-	21	14						
FRANCE.	The Helder	29.93	32	NE	4	b	30.09	+04	30	-1	NE	4	o	1	-	39	28						
	Brussels	29.84	25	NE	2	b	30.02	+07	16	-7	ENE	1	b	*	-	26	16						
	C. Gris Nez	29.82	34	NE	4	b	29.99	+04	26	-6	E	5	m	3	-	36	26						
	La Hève	29.77	31	NE	2	b	29.98	*	28	0	NE	2	m	2	-	39	27						
	Ushant	29.86	41	ESE	3	o	29.91	*	45	+10	N	1	o	5	0.16	41	35						
	Brest (St. Mathieu)	29.83	35	NE	2	b	29.99	00	42	+10	NW	2	o	5	-	41	32						
	Lorient (Bec Melen)	29.76	37	NE	4	b	29.95	*	38	+10	ENE	1	c	5	-	39	26						
	Rochefort (Ile d' Aix)	29.73	30	NE	3	bc	29.97	+04	35	+11	NE	3	b	*	-	35	23						
	Biarritz	29.69	28	E	3	b	29.95	+04	34	+7	SE	3	bc	2	-	34	27						
	Paris	29.78	25	NNE	3	b	29.96	+04	17	0	NNE	1	b	*	-	31	16						
SPAIN, PORTUGAL, &c.	Belfort	29.76	18	ENE	6	m	29.91	*	19	+4	E	2	m	*	-	19	15						
	Lyons	29.74	21	N	1	o	29.92	*	20	+1	NW	3	o	*	-	25	?						
	Nice	29.50	41	NE	1	b	29.61	+04	41	-1	NE	1	o	1	-	50	36						
	Perpignan	29.56	35	W	2	b	29.70	+02	36	0	NW	5	m	*	-	46	31						
	Sanguinaire																						
Corunna (8 a.m.)	29.79	45	SSE	3	o	29.99	00	43	0	SE	2	f	6	-	48	37							
Lisbon (9 a.m.)	29.84	51	NNW	5	o	30.00	+06	49	-1	NW	3	bc	7	0.20	52	45							
Gibraltar																							
Azores (Horta, 8 a.m.)	29.92	*	S	6	o	29.74	+02	61	+7	SW	4	o	5	0.35	64	54							
Madeira (Funchal)	30.23	57	NNW	1	b	30.22	00	59	0	NNW	1	o	2	-	70	55							



FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

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.

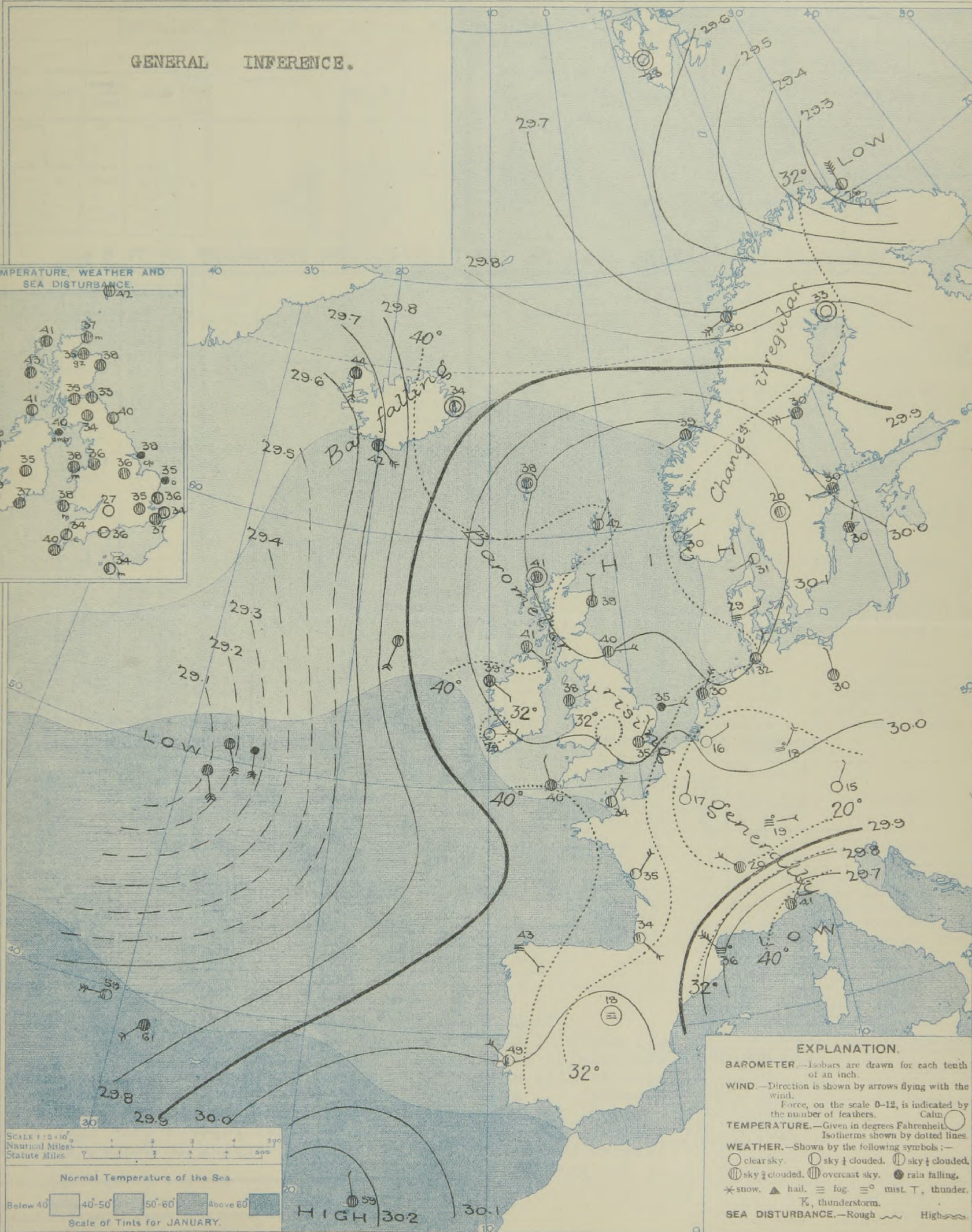
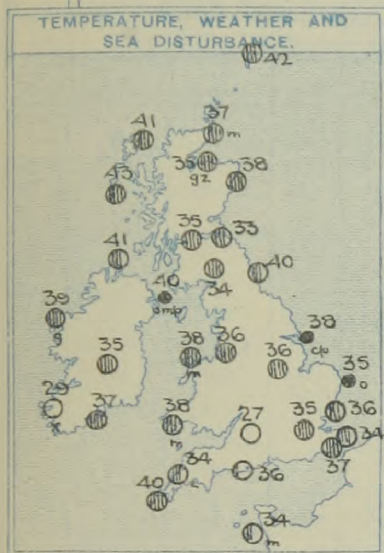
Western Channel and Bay. 11

FURTHER OUTLOOK.

NONE ISSUED.

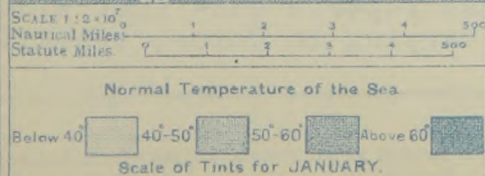
SYNOPTIC CHART FOR 7 a.m., Sunday, 18th JANUARY, 1914.

GENERAL INFERENCE.



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.
K, thunderstorm.
- SEA DISTURBANCE.**—Rough High



DAILY WEATHER REPORT.

Sunday, 18th January, 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.	
					In.	In.	(0-12).								In.	In.	(0-12).		
17th 6pm	50	23	Merion	H	?	+0.4	SW	4-5	b	17th 7am	54	23	Sicilian	H	29.26	+0.5	SSW	6-7	o
	54	20	Sicilian	H	29.81	+0.5	S	4-5	b		50	21	Merion	O	29.62	+0.9	W	6-7	b
	49	15	Minneapolis	H	29.89	+1.0	SE	4-5	c		49	19	Minneapolis	H	29.56	+0.1	WNW	4-5	b
	51	12	Carmania	H	29.88	+1.1	ESE	4-5	o		51	17	Cedric	O	29.52	+0.0	SSE	6-7	r
											50	15	Carmania	H	29.60	+1.0	SE	4-5	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.	
Scotland. (Oban ...)	In.	F.	F.			Hr.	(Margate ...)	In.	F.	F.			Hr.
(St. Andrews ...)							Ramsgate ...	0.06	42	36	bc	p	2.1
England, N.E. (Harrogate ...)	0.05	39	34	op. o	op. o	0.0	Folkestone ...	0.02	40	39	*	*	2.3
(Scarborough ...)	*						Littlestone ...	0.04	44	34	rm. o. b	o	1.7
England, N.W. (Morecambe ...)	-	43	37	bc	bc. c	0.0	Hastings ...	-	42	33	o. bc	o. b	1.7
(Blackpool ...)	-	41	37	o. c. o	o	0.1	Bexhill-on-Sea ...	-	43	33	c	c	2.3
(Southport ...)	-	40	35	o. c. o	o. c. o	0.2	Eastbourne ...	-	43	32	o	o. b. m	1.7
Mid-lands. (Buxton ...)	0.05	36	33	cr	c	0.0	Seaford ...	-	42	29	o	bc	2.5
(Leamington Spa ...)	-	40	35	o	o	0.0	Brighton ...	-	43	33	rm. bc	bc. c. o	2.4
(Malvern ...)	-	38	35	o. c	o. c	0.0	Worthing ...	-	42	34	c. bc	bc. c	2.1
Wales. (Rhyl ...)	-	41	35	c	c	0.7	Littlehampton ...	-	*	*	*	*	1.1
(Colwyn Bay ...)	-						Southsea ...	-					
(Llandudno ...)	-						Ryde ...	-					
(Bettws y-Coed ...)	-	41	36	f. o. c	c. o	1.0	Ventnor ...	-	40	32	o	o	0.0
(Aberystwyth ...)	-	42	39	o	o	0.0	Bournemouth ...	-	43	32	o. b	b	2.0
(Tenby ...)	-						Hythe ...	0.06	43	32	o. b	b	2.0
England, E. (Lowestoft ...)	-	41	35	c. bc	cv	0.8	Weymouth ...	-	40	34	o	c	0.0
(Felixstowe ...)	-	41	35	cmp. bc	cp. bc	1.3	Exmouth ...	-	40	38	o	o. c	0.0
(Walton-on-Naze ...)	0.03	41	35	bc. b	bc	1.5	Teignmouth ...	-	40	36	c	c	0.0
(Southend-on-Sea ...)	-	41	35	bc. b	bc	1.5	Torquay ...	-	40	37	o	o	0.0
							Paignton ...	-					
							Falmouth ...	-	43	35	o	o	0.0
							Bude ...	-	41	37	o	op. o	0.0
							Ilfracombe ...	0.05	41	37	o	op. o	0.0
							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. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	79	85	0.1	42	32	23	-	o	o	o. b. o. x
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	86	90	0.0	41	36	31	-	om	om	bc. m.
Camden Sq. (Brit. Rainfall) ...	87	87	0.0	41	32	26	-	o	bc. x	*
Hampstead (Reservoir) ...	*	84	0.0	38	32	21	-	bc	ox	ox. o
Richmond Park ...	*	*	0.0							
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.)				85		87		0.0		
				142 Joules		4.7 Milliwatts.		12.5 Milliwatts.		

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Night.	
Dublin to 4 p.m.	0.02	43	40	37	op. c	op. h	ph	Hr.
Plymouth to 9 p.m.	-	42	37	36	o	b	o	0.0
Darwen "	0.03	38	34	32	ora	ora	ora	0.0
Manchester "	0.04	40	38	*	or	op	op	0.0
Birmingham "	-	38	35	32	*	o	o	0.0
Oxford to 8 p.m.	*	39	35	32	o. a. f. o	o. f. o. p. s	o	*
S. Kensington (Museum Grounds to 6 p.m.)	Trace	40	37	34	adm	cm	cm	*

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

18th & 19th Jan. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.55 12.3 4.11	G.M.T. 12.3 12.4 4.13	G.M.T. 4.11 4.13 4.25
Greenwich ...	7.59 12.10 4.23	12.10 12.11 4.25	4.23 4.25 4.25
Wick ...	8.48 12.22 4.0	12.22 12.23 4.0	4.0 4.0 4.0
Valencia ...	8.41 12.51 5.2	12.51 12.52 5.4	5.2 5.4 5.4

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 40° or slightly above in nearly all parts of the United Kingdom, but fell below 32° at some stations at night. A little rain was experienced over a considerable area, and as a rule the day was very cloudy or overcast. At some places on the south and south-east coasts, however, the sun shone for more than 2 hours, and at Jersey the record exceeded 6 hrs. Wireless reports show that winds between South-East and South-West, varying in force, prevailed as far west as 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

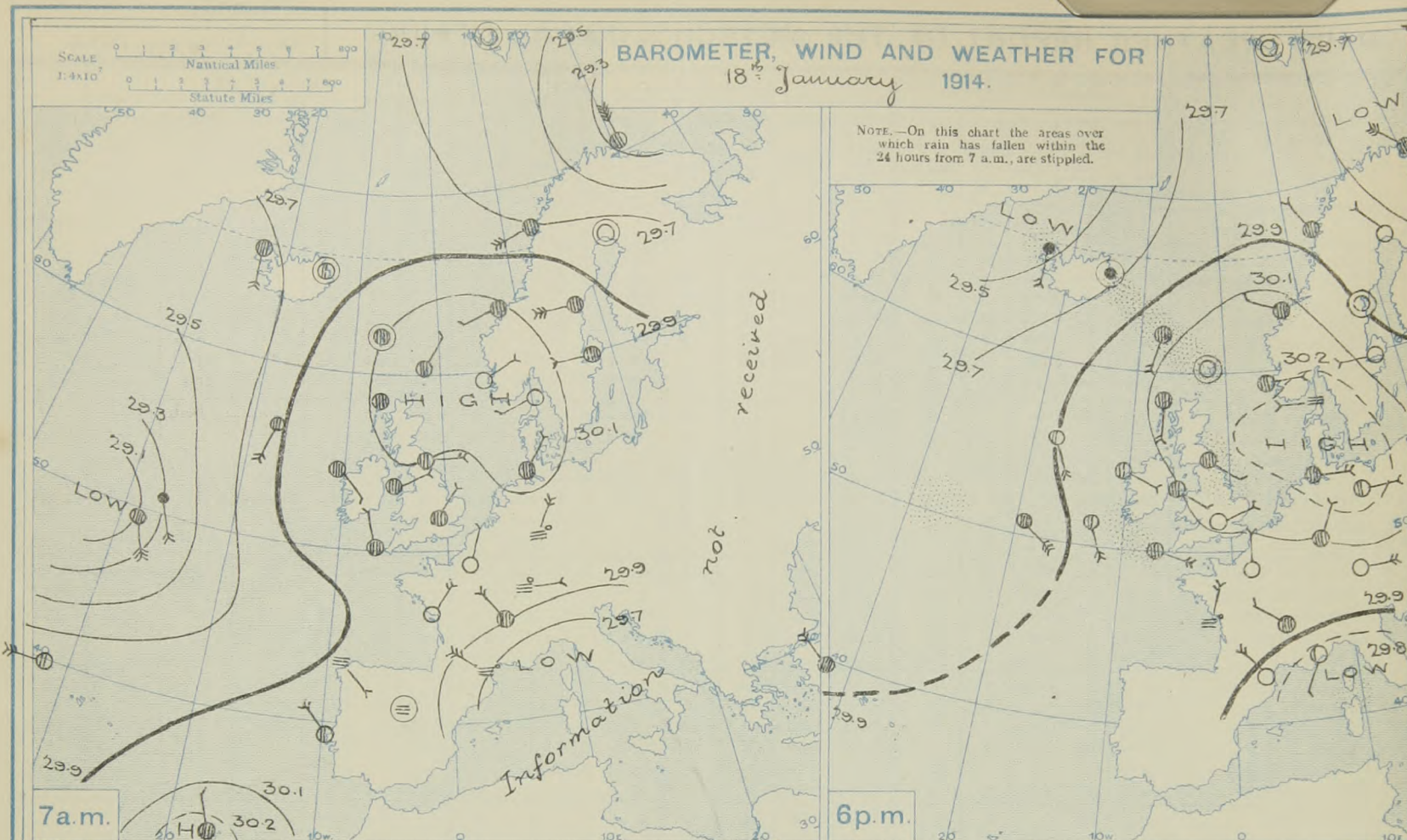
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
19th January, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BARM.		TEMP.		WIND.	BARMETER.		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).	Weather.		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 ...	In. 30.15	F. 41	-	0	0	In. 30.14	In. 0.00	F. 40	-2	-	0	om	0	1u. 0.02	F. 43	F. 39	cp	op	ogl. om	Hours *			
	Stornoway ...	30.12	42	S	3	0	30.08	-0.02	40	-1	SW	4	0	4	-	43	39	og	o	o	0.0			
	Castlebay (Barra Isd.)	30.07	42	SE	4	0	30.04	-0.00	41	-2	SE	5	0	5	-	44	41	c	c	c	0.0			
	Glasgow ...	30.15	35	ESE	1	0	30.13	-0.03	33	-2	ESE	2	c	*	-	38	33	c.o	c.o	c.o	0.3			
	Eskdalemuir ...	30.17	34	-	0	0	30.14	-0.03	32	+2	ENE	1	0	*	-	37	32	c.o	c.o	o	0.0			
	Malin Head ...	30.01	38	ESE	3	0	29.99	-0.01	35	-6	SE	4	c	2	-	41	35	cm	om	om	*			
	Blacksod Point ...	29.97	39	SE	2	bc	29.86	-0.05	38	-1	SE	5	c	4	Trace	42	36	og	og. bc	bc. c	*			
	Valencia ...	29.94	40	ESE	3	c3	29.76	-0.05	44	+15	ESE	5	c3	4	0.01	45	28	bc3	bc3	cp	1.8			
	Roche's Point ...	30.00	43	E	3	b	29.87	*	42	+5	SE	5	0	5	0.04	43	37	om	c. bc. b	op. bc. o	*			
	Birr Castle ...	30.01	37	SE	1	c	29.92	*	35	0	SE	4	bc	*	-	39	34	of	c. c	bc	0.0			
	Donaghadee ...	30.10	41	SE	3	c	30.06	-0.02	38	-2	SSE	4	0	4	-	42	38	om	cm	om. cm. o	*			
	Liverpool Obsy. ...	30.13	35	E	3	b	30.08	-0.03	34	-2	ESE	2	0	2	-	39	32	om	om. b	o	0.0			
	Holyhead ...	30.09	39	SE	1	c3	30.05	-0.03	36	-2	ENE	3	0	2	-	42	35	c.o. cm	c. bc. c	c. o	1.3			
	Pembroke (St. Ann's Hd.)	30.06	37	ESE	4	bc	29.97	-0.04	35	-3	E	5	om	3	Trace	40	34	cm. c	c. bc	bc. o	3.8			
	Newquay ...	30.03	35	SE	3	b	29.92	-0.02	32	-2	E	1	b3x	3	-	40	30	o	c. c. b	b3. b3x	1.2			
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	30.01	42	ESE	4	c3	29.87	-0.04	42	+2	SE	4	c3	5	0.02	49	38	bcp	cp	c3. c3q	2.5			
	Jersey (St. Aubin) ...	30.05	39	NE	3	om	29.99	*	32	-2	E	3	om	2	-	42	31	bc	c. om	om	3.1			
	Portland Bill ...	30.06	38	ENE	2	0	29.97	-0.02	34	-2	ENE	4	c	4	-	38	33	c. o	c. o	c. o	*			
	Dungeness ...	30.07	34	NE	2	bc	30.04	-0.02	33	-4	ENE	4	c	3	-	38	29	c	c. bc	bc. b. c	*			
	Dover ...	30.09	31	NNE	2	bx	30.04	*	31	-3	E	4	0	4	-	34	29	xc	bcx	bx. c. o	2.1			
	Wick ...	30.15	41	WSW	1	o	30.13	-0.01	39	+2	S	2	bm	2	-	42	36	om	om	c. bc. bm	*			
	Nairn ...	30.15	33	-	0	c	30.13	*	29	-6	-	0	c3g	1	Trace	37	28	m	m. c	og	0.0			
	Aberdeen ...	30.19	37	WSW	1	b	30.17	-0.02	35	-3	-	0	0	2	0.02	41	34	omp	c. bm	bm. op	0.0			
	Leith ...	30.15	39	SE	1	o	30.08	-0.03	36	+3	ENE	1	u	3	Trace	41	32	c	og	o	*			
	North Shields ...	30.18	39	SE	1	o	30.14	-0.02	37	-3	SE	2	0	3	0.03	41	35	or	o	or. o	0.0			
	Spurn Head ...	30.14	38	ESE	3	b	30.12	-0.00	38	0	E	4	c	4	Trace	41	35	bcp	bc	bc	3.6			
	Yarmouth ...	30.17	37	ENE	3	c	30.12	-0.02	35	0	E	3	0	2	-	37	34	a. bc. c	c	o	0.0			
	Clacton-on-Sea ...	30.10	37	ENE	3	c	30.07	-0.02	35	-1	ENE	4	og	3	-	38	34	c. bc	bc. c.	c. og	2.5			
	Nottingham ...	30.15	35	E	1	c	30.10	*	33	-3	E	2	0	*	0.02	36	32	asr	c. c	c	0.0			
	Bath ...	30.10	35	NE	1	o	30.04	*	33	+6	E	2	0	*	-	38	26	b. o	o	o	0.0			
London (Kew Obsy.) ...	30.11	34	ENE	2	bm	30.05	-0.04	34	-1	E	2	om	*	-	37	33	om. g. om.	om. c. bc. b.	bm. bc. om	0.0				
SCANDINAVIA.	Spitzbergen ...	29.74	34	-	0	b	29.71	-0.03	34	-11	-	0	b	*	-	22	36	*	*	*	*			
	Isafjord ...	29.49	39	S	3	r	29.61	+0.05	35	-9	-	0	r	*	-	*	*	*	*	*	*			
	Reykjavik ...	29.62	37	S	3	b	29.69	-0.02	37	-2	E	1	c	*	-	*	*	*	*	*	*			
	Vestmanna ...	29.66	38	SW	2	b	29.72	-0.01	40	-2	SE	1	o	3	*	*	*	*	*	*	*			
	Seydisfjord ...	29.68	39	-	0	r	29.75	+0.01	39	+5	SW	1	b	*	-	*	*	*	*	*	*			
	Thorshavn ...	30.06	41	SSW	3	o	30.01	-0.03	41	+3	SSW	4	r	*	-	*	*	*	*	*	*			
GERMANY, &c.	Haparanda ...	29.72	23	NW	2	b	29.89	0.00	18	-15	SSW	2	c	*	-	34	7	*	*	*	*			
	Hernösand ...	29.84	38	-	0	b	30.09	+0.04	31	+1	S	2	b	*	-	39	30	*	*	*	*			
	Stockholm ...	30.03	27	W	2	b	30.14	+0.04	24	-6	W	2	b	*	-	30	23	*	*	*	*			
	Wisby ...	30.08	34	W	4	b	30.15	+0.02	34	+4	N	2	b	*	-	36	30	*	*	*	*			
	Karlstad ...	30.18	16	-	0	bc	30.26	+0.02	4	-16	-	0	b	*	-	23	3	*	*	*	*			
	Vardö ...	29.61	18	NW	6	o	29.57	-0.10	18	-8	SW	2	s	4	-	27	10	*	*	*	*			
	Bodö ...	29.87	37	NW	2	o	29.92	-0.02	39	-1	WNW	6	o	3	-	41	36	*	*	*	*			
	Christiansund ...	30.17	40	W	1	o	30.18	-0.01	37	-2	-	0	o	3	0.04	41	37	*	*	*	*			
	Skudesnaes ...	30.18	33	E	2	c	30.23	0.00	34	+4	ESE	2	o	2	-	34	28	*	*	*	*			
	Færder (X'laula Fjord) ...	30.21	28	N	2	b	30.25	+0.03	27	-3	N	2	c	1	-	30	27	*	*	*	*			
FRANCE.	The Scaw (Skagen) ...	30.21	31	W	2	f	30.23	+0.01	32	+1	N	1	o	0	-	34	28	*	*	*	*			
	Blaavands Huk ...	30.29	25	-	0	f	30.29	+0.02	15	-14	NE	1	m	1	-	30	14	*	*	*	*			
	Cuxhaven ...	30.23	34	E	3	o	30.25	0.00	29	-3	SE	2	o	0	-	36	28	*	*	*	*			
	Berlin ...	30.19	28	E	2	b	30.23	+0.01	18	-12	E	2	bc	*	-	32	18	*	*	*	*			
	Frankfurt ...	30.10	28	NE	2	o	30.11	-0.02	27	+9	NE	1	o	*	-	32	18	*	*	*	*			
	Munich ...	30.06	18	E	4	b	30.02	-0.02	23	+8	E	4	o	*	-	25	14	*	*	*	*			
	The Helder ...	30.19	34	E	1	c	30.18	0.00	31	+1	E	3	o	1	-	34	30	*	*	*	*			
	Brussels ...	30.11	25	HE	1	b	30.08	-0.01	24	+8	ENE	1	b	*	-	27	15	*	*	*	*			
	C. Gris Nez ...	30.08	28	ENE	4	m	30.03	-0.02	27	+1	E	5	c	3	-	30	23	*	*	*	*			
	La Hève ...	30.04	28	NE	2	m	30.00	*	23	-5	NE	2	m	2	-	34	23	*	*	*	*			
SPAIN, PORTUGAL, &c.	Ushant ...	?	42	E	3	bc	29.88	*	32	-13	SE	4	c	3	-	45	32	*	*	*	*			
	Brest (St. Mathieu) ...	30.02	39	NW	2	c	29.91	-0.04	34	-8	ESE	3	o	5	-	45	34	*	*	*	*			
	Lorient (Bec Melen) ...	?	39	E	2	o	?	*	30	-	E	4	o	5	-	45	27	*	*	*	*			
	Rochefort (Ile d' Aix) ...	30.04	27	NNE	2	m	29.93	+0.02	27	-8	ENE	3	o	*	-	35	25	*	*	*	*			
	Biarritz ...	29.98	43	ESE	2	c	29.86	?	40	+6	ESE	2	bc	4	-	45	34	*	*	*	*			
	Paris ...	30.05	24	N	2	b	30.02	-0.02	16	-1	NNE	1	b	*	-	32	16	*	*	*	*			
	Belfort ...	30.04	21	E	3	m	30.02	*	19	0	ENE	4	m	*	-	22	19	*	*	*	*			
	Lyons ...	30.06	22	-	0	o	29.99	*	22	+2	-	0	o	*	-	25	20	*	*	*	*			
	Nice ...	29.77	42	SW	1	b	29.78	-0.02	40	-1	-	0	b	1	-	52	39	*	*	*	*			

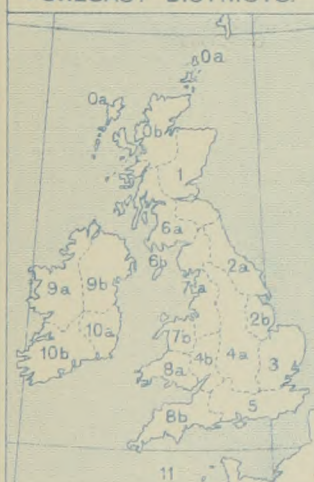
* Information for these columns not usually received.

† Received too late for insertion in Charts.



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.

South Cone.

North Cone.

None Issued.

0 { a }
b

1 { a }
b

2 { a }
b

3 { a }
b

4 { a }
b

5 { a }
b

6 { a }
b

7 { a }
b

8 { a }
b

9 { a }
b

10 { a }
b

11 { a }
b

Wind between South and South-East, increasing somewhat; a good deal of cloud; temperature low.

Wind between East and South-East, light or moderate; sky mostly cloudy or overcast; temperature low.

Same as Nos. 0 and 1.

Same as Nos. 2 to 5.

Wind between South and South-East, increasing; cloudy or fair generally, some showers later; temperature rather low.

South-Easterly winds, light to fresh; sea moderate; some showers locally, but mostly fair.

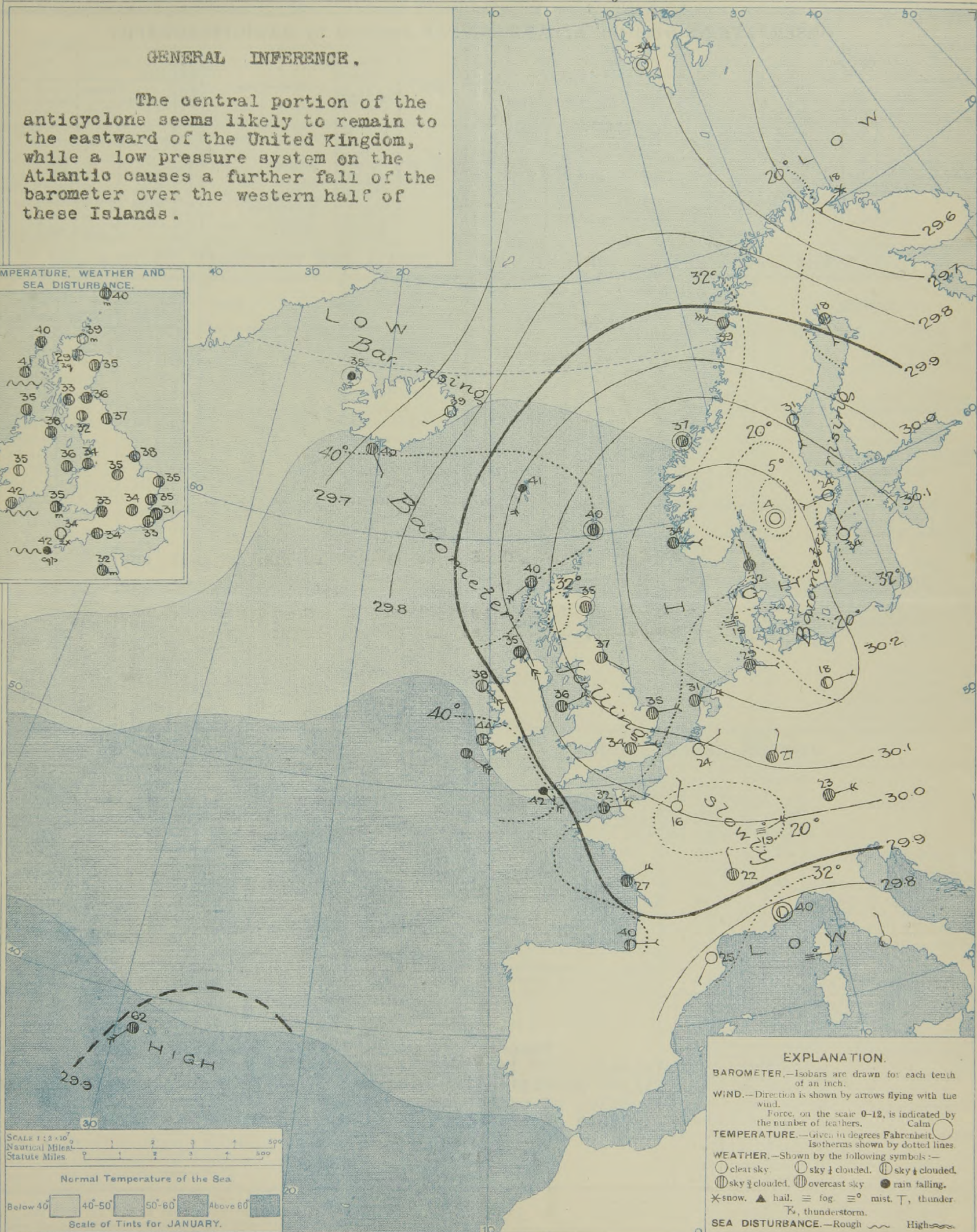
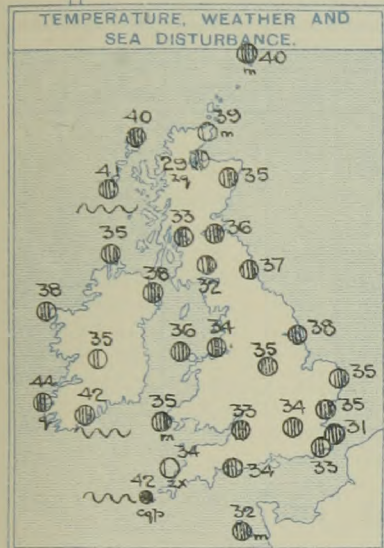
Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Monday, 19th JANUARY, 1914.

GENERAL INFERENCE.

The central portion of the anticyclone seems likely to remain to the eastward of the United Kingdom, while a low pressure system on the Atlantic causes a further fall of the barometer over the western half of these Islands.



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_s, thunderstorm.

SEA DISTURBANCE.—Rough ~ High ~

DAILY WEATHER REPORT.

Monday, 19th January, 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.	
19th Jan. 7am	51	10	Lusitania	H	29.56	+12	SE	6-7	o	18th Jan. 1pm	55	14	California	O	?	-08	SSE	6-7	bc
18th Jan. 6pm	50	19	do	H	29.17	+05	SE	8-9	o	" 7am	49	23	?	O	29.10	-01	SSE	6-7	o
" "	54	16	California	O	?	-09	SSE	4-5	bc	" "	55	17	Sicilian	H	29.90	+02	SSW	4-5	c
" "	51	12	Compania	O	29.90	-04	SSE	4-5	bc	" "	49	10	Minneapolis	H	29.95	-02	ESE	1-3	o
" "	55	12	Sicilian	H	29.81	-00	SSE	4-5	c	" "	50	27	Merion	O	?	-29	SE	6-7	o
										" "	50	26	Cedric	O	?	-52	SSE	6-7	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. °	b	b. bc	Hr.
	{ St. Andrews				*	*			{ Ramsgate		36	34			?
Eng. N.E.	{ Harrogate	0.02	38	33	o	c. o. c	0.1		{ Folkestone		35	32	*	*	3.6
	{ Scarborough	*	41	36	o. c	o. c	1.2		{ Littlestone		34	32	o. bc	bc. b	2.6
Eng. N.W.	{ Morecambe								{ Hastings		*	*	*	*	1.5
	{ Blackpool								{ Bexhill-on-Sea		35	30	o. c	bc	3.2
	{ Southport								{ Eastbourne		36	31	c. bc	b	3.1
									{ Seafood		35	30	o. bc	o. bc, bm	2.3
Mid- lands.	{ Buxton	0.03							{ Brighton						
	{ Leamington Spa		41	35	o	o	0.0		{ Worthing		38	31	bc. c	bc. b	2.3
	{ Malvern		39	34	o	o. c. o	0.0		{ Littlehampton		37	30	c	c. bc. b	1.4
									{ Southsea		*	*	*	*	0.7
Wales.	{ Rhyl	0.03	35	32	*	*	0.0		{ Ryde		37	32	o	c	0.0
	{ Colwyn Bay		36	33	o	o	0.0		{ Ventnor		37	34	o	o	0.0
	{ Llandudno		36	33	o	o	0.0	{ Bournemouth				*	*		
	{ Bettws y-Coed	0.04								38	28	o	o	0.1	
	{ Aberystwyth														
England, E.	{ Tenby							England, S.W.	{ Weymouth		37	31	bc. c	c. o	0.0
	{ Lowestoft								{ Exmouth						
	{ Felixstowe		37	35	o. c	c	0.1		{ Teignmouth		37	35	b. bc	c	0.6
	{ Walton-on-Naze		38	35	c. bc	bc. b	1.1		{ Torquay		40	37	o	c. bc. c. o	1.3
	{ Southend-on-Sea		37	34	c. bc	bc. c. bc	2.1		{ Paignton		39	36	c. bc	c	1.7
		38	32	bc. b	b. bc	3.5	{ Falmouth			43	35	c. b	c. bc	1.4	
							{ Bude			43	32	b	b	3.2	
							{ Ilfracombe			40	33	c. bc. b	b. bc. c	4.0	
							{ Weston-super-Mare			37	29	b. bc	cm	0.8	

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		Max.	Min.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obsy.) ...	73	76	0.7	38	32	25	o	o, bc, o	o
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	83	88	0.0	38	34	30	m	bc	bc, cm
Camden Sq. (Brit. Rainfall)	*	86	0.0	37	32	26	*	*	*
Hampstead (Reservoir) ...	*	85	0.1	35	31	20	o	ox	ox, o
Richmond Park ...	*	*	0.0						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
100 Joules				3.3 Milli-watts.		16.0 Milli-watts.			

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night.	WEATHER.		Sunshine for Yesterday.
		Max.	Min.		Forenoon.	Afternoon.	
Dublin to 4 p.m.	0.14	41	37	36	oph. f	og3	o
Plymouth to 9 p.m.							
Darwen "		39	36	38	o, o	o, o	0.0
Manchester "		37	31	28	*	o	0.0
Birmingham "		38	32	26	o, bc, o	ogps	o
Oxford to 8 p.m.							
S. Kensington (Museum Grounds to 6 p.m.)		40	34	24	o, omg	o	o, c3

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

19th & 20th Jan., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.54 12.4	G.M.T. 12.4 4.15	G.M.T. 4.15 12.4
Greenwich ...	7.57 12.11	12.11 4.25	4.25 12.11
Wick ...	8.46 12.23	12.23 4.0	4.0 12.23
Valencia ...	8.40 12.52	12.52 5.4	5.4 12.52

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 40° in most parts of these Islands, and in a few places fell to below 32° at night. Slight precipitation occurred in various localities, and the duration of bright sunshine was very brief except at some stations in the south-east, south and south-west.

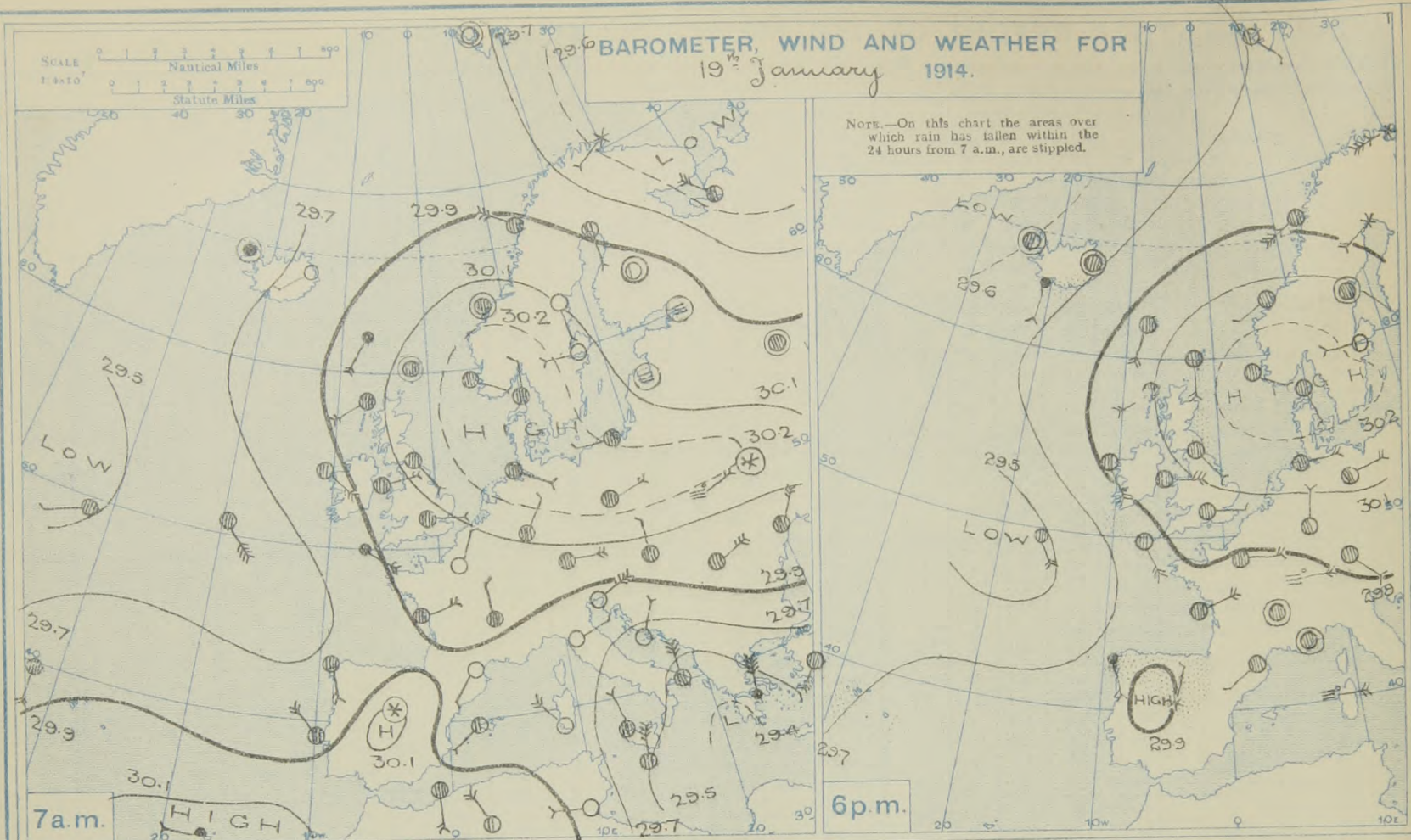
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; 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.

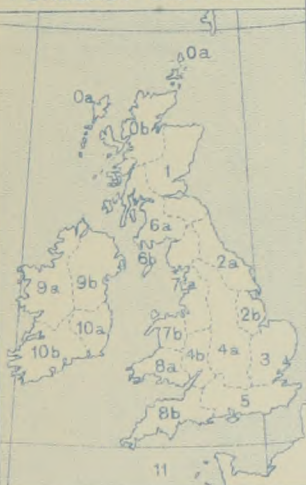
Tuesday,
20th January, 1914.

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.						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	In. 30.16	F. 40	SSW	3	0	In. 30.14	+0.1	39	-1	SSW	1	0	0	0.01	In. 43	F. 38	0.00	0.00	0.00	0.00	0.00	
	Stornoway	30.10	40	SW	3	0	30.14	+0.2	40	0	SW	4	0	3	-	40	37	0.00	0.00	0.00	0.00	0.00	
	Castlebay (Barra Isd.)	30.05	41	SE	5	0	30.11	+0.1	40	-1	SE	4	0	4	-	41	39	0.00	0.00	0.00	0.00	0.00	
	Glasgow	30.13	34	E	1	0	30.15	?	34	+1	E	2	0	0	-	36	32	0.00	0.00	0.00	0.00	0.00	
	Eskdalemuir	30.13	33	NE	2	0	30.15	?	32	0	NE	2	0	0	-	35	31	0.00	0.00	0.00	0.00	0.00	
	Malin Head	30.01	36	SE	4	0	30.08	+0.3	34	-1	S	2	0	2	-	37	34	0.00	0.00	0.00	0.00	0.00	
	Blacksod Point	29.91	38	SE	4	0	29.97	+0.2	35	-3	SE	3	0	3	Trace	39	34	0.00	0.00	0.00	0.00	0.00	
	Valencia	29.82	43	E	4	0	29.92	+0.2	40	-4	E	5	0	4	0.01	46	39	0.00	0.00	0.00	0.00	0.00	
	Roche's Point	29.89	42	E	4	0	29.97	?	40	-2	E	4	0	4	0.01	44	34	0.00	0.00	0.00	0.00	0.00	
	Birr Castle	29.95	33	SE	2	0	30.01	?	34	-1	SE	2	0	0	-	38	32	0.00	0.00	0.00	0.00	0.00	
	Donaghadee	30.04	39	SSE	4	0	30.06	+0.2	37	-1	SSE	4	0	4	-	40	36	0.00	0.00	0.00	0.00	0.00	
	Liverpool Obsy.	30.07	33	E	4	0	30.10	+0.2	33	-1	E	3	0	3	-	36	32	0.00	0.00	0.00	0.00	0.00	
	Holyhead	30.04	36	E	5	0	30.08	+0.2	34	-2	E	3	0	2	-	37	32	0.00	0.00	0.00	0.00	0.00	
	Pembroke (St. Ann's Hd.)	29.97	35	E	4	0	30.01	+0.2	33	-2	ENE	3	0	3	-	41	31	0.00	0.00	0.00	0.00	0.00	
	Newquay	29.89	34	E	4	0	29.95	+0.3	33	+1	E	2	0	2	-	36	32	0.00	0.00	0.00	0.00	0.00	
	Scilly (St. Mary's)	29.87	40	SE	5	0	29.91	+0.1	40	-2	E	4	0	5	Trace	44	39	0.00	0.00	0.00	0.00	0.00	
	Jersey (St. Aubin)	29.91	33	E	3	0	29.93	?	33	+1	E	2	0	2	-	36	30	0.00	0.00	0.00	0.00	0.00	
	Portland Bill	29.96	34	NE	5	0	29.99	+0.1	33	-1	NE	4	0	4	-	35	33	0.00	0.00	0.00	0.00	0.00	
	Dungeness	29.99	34	E	2	0	29.96	?	34	+1	NE	4	0	3	-	35	31	0.00	0.00	0.00	0.00	0.00	
	Dover	29.99	32	E	3	0	29.96	?	31	0	NE	5	0	4	Trace	33	30	0.00	0.00	0.00	0.00	0.00	
Wick	30.15	41	S	4	0	30.16	+0.1	38	-1	S	2	0	2	-	41	38	0.00	0.00	0.00	0.00	0.00		
Nairn	30.15	34	-	0	0	30.17	?	30	+1	-	0	0	1	-	35	26	0.00	0.00	0.00	0.00	0.00		
Aberdeen	30.17	39	S	2	0	30.20	+0.3	34	-1	NW	1	0	2	0.02	42	34	0.00	0.00	0.00	0.00	0.00		
Leith	30.13	38	ESE	1	0	30.14	+0.2	36	0	ESE	1	0	0	Trace	39	35	0.00	0.00	0.00	0.00	0.00		
North Shields	30.14	36	SE	2	0	30.15	+0.1	38	+1	E	3	0	3	0.11	39	35	0.00	0.00	0.00	0.00	0.00		
Spurn Head	30.08	35	E	5	0	30.09	+0.1	35	-3	ESE	4	0	5	0.03	40	34	0.00	0.00	0.00	0.00	0.00		
Yarmouth	30.05	35	E	3	0	30.06	?	34	-1	E	6	0	4	-	36	31	0.00	0.00	0.00	0.00	0.00		
Clacton-on-Sea	30.01	35	ENE	3	0	29.99	?	33	-2	ENE	4	0	3	-	36	32	0.00	0.00	0.00	0.00	0.00		
Nottingham	30.07	33	E	4	0	30.09	?	33	0	ENE	3	0	0	-	35	32	0.00	0.00	0.00	0.00	0.00		
Bath	30.00	33	E	2	0	30.03	?	32	-1	E	2	0	0	-	35	29	0.00	0.00	0.00	0.00	0.00		
London (Kew Obsy.)	30.02	32	E	1	0	30.00	+0.1	33	-1	NE	3	0	0	Trace	34	32	0.00	0.00	0.00	0.00	0.00		
ICELAND, FAEROE, &c.	Spitzbergen	29.70	-24	SE	1	0	29.74	+0.2	-32	+2	SE	1	0	0	-	-24	-35	0.00	0.00	0.00	0.00	0.00	
	Isafjord	29.60	36	-	0	0	29.75	+0.4	32	-3	-	0	0	0	-	32	32	0.00	0.00	0.00	0.00	0.00	
	Reykjavik	29.65	39	ESE	1	0	29.73	+0.2	41	+4	E	1	0	0	-	41	41	0.00	0.00	0.00	0.00	0.00	
	Vestmanna	29.67	40	SSW	2	0	29.74	+0.2	42	+2	-	0	0	2	-	42	42	0.00	0.00	0.00	0.00	0.00	
	Geydisfjord	29.69	36	-	0	0	29.75	+0.4	42	+3	-	0	0	0	-	42	42	0.00	0.00	0.00	0.00	0.00	
	Thorshavn	29.97	42	SSW	4	0	30.00	+0.1	43	+2	WSW	4	0	0	-	43	43	0.00	0.00	0.00	0.00	0.00	
SCANDINAVIA.	Haparanda	29.73	33	SW	3	0	29.71	-0.1	36	+18	W	2	0	0	-	36	14	0.00	0.00	0.00	0.00	0.00	
	Hernösand	30.11	35	-	0	0	30.05	-0.0	29	-2	-	0	0	0	-	36	27	0.00	0.00	0.00	0.00	0.00	
	Stockholm	30.18	22	W	2	0	30.17	-0.1	14	-10	W	2	0	0	-	27	14	0.00	0.00	0.00	0.00	0.00	
	Wisby	30.20	31	NE	2	0	30.20	+0.2	32	-2	WSW	2	0	0	-	34	28	0.00	0.00	0.00	0.00	0.00	
	Karlstad	30.24	6	-	0	0	30.24	-0.2	-4	-8	-	0	0	0	-	18	-4	0.00	0.00	0.00	0.00	0.00	
	Vardö	29.27	25	W	8	0	29.52	-0.0	19	+1	SE	6	0	3	?	25	12	0.00	0.00	0.00	0.00	0.00	
	Bodö	29.82	40	SW	8	0	29.75	-0.3	40	+1	WSW	5	0	3	0.59	41	36	0.00	0.00	0.00	0.00	0.00	
	Christiansund	30.17	40	SW	1	0	30.09	-0.2	41	+4	SW	1	0	4	-	41	37	0.00	0.00	0.00	0.00	0.00	
Skudesnaes	30.23	35	ESE	2	0	30.24	-0.0	33	-1	N	2	0	2	-	37	32	0.00	0.00	0.00	0.00	0.00		
Færder (X'lantia Fjord)	30.24	25	NNE	1	0	30.21	-0.3	20	-7	N	2	0	1	-	27	19	0.00	0.00	0.00	0.00	0.00		
The Scaw (Skagen)	30.23	31	SSE	1	0	30.20	-0.0	31	-1	SW	1	0	0	-	32	28	0.00	0.00	0.00	0.00	0.00		
Blaavands Huk	30.24	31	-	0	0	30.19	+0.2	30	+15	SE	1	0	0	-	32	15	0.00	0.00	0.00	0.00	0.00		
GERMANY, &c.	Cuxhaven	30.18	32	E	3	0	30.12	-0.1	32	+3	E	3	0	0	-	34	29	0.00	0.00	0.00	0.00	0.00	
	Berlin	30.16	25	E	3	0	30.11	-0.1	16	-2	E	2	0	0	-	27	16	0.00	0.00	0.00	0.00	0.00	
	Frankfurt	29.96	28	NE	2	0	29.97	+0.1	23	-4	NE	1	0	0	-	32	23	0.00	0.00	0.00	0.00	0.00	
	Munich	29.93	23	SE	2	0	29.89	+0.1	23	0	SSE	2	0	0	-	25	21	0.00	0.00	0.00	0.00	0.00	
	The Helder	30.11	29	E	4	0	30.09	+0.1	31	0													



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 } Southerly or South-Westerly winds, light or moderate;
 { b } cloudy or overcast generally; cold.

1 { Wind between East and South. light; much cloud, some
 { mist; cold.

2 { a } Wind Easterly or North-Easterly, light or moderate,
 { b } fresh at times locally; mostly cloudy or overcast, mist in places; little change of temperature.

3 { Same as No. 1.

4 { Same as Nos. 2 to 5.

5 { Wind between South and East, light or moderate, fresh
 { locally; cloudy or dull, some mist; little change of temperature.

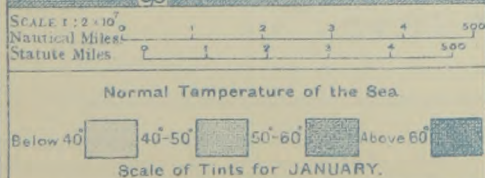
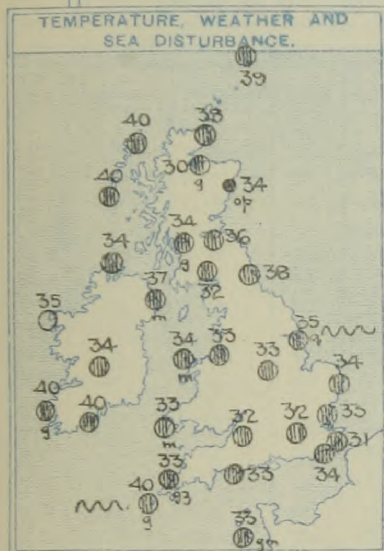
6 { Easterly winds, moderate or fresh; sea moderate;
 { much cloud, some mist.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 20th JANUARY, 1914.

GENERAL INFERENCE.

The gradual increase of pressure which is now in progress over the United Kingdom and the surrounding regions will probably continue for a time, but there are no indications of any important modification in the distribution.

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.

⚡, thunderstorm.

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

DAILY WEATHER REPORT.

Tuesday, 20th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H H	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H H	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. 6pm	49	12	Kronland	0	29.56	-0.03	SSE	6-7	0	19th 7am	50	19	Campania	0	?	0.00	SE	8-9	0
" 1pm	49	12	do	0	29.66	0.00	SSE	6-7	0	" "	49	9	Kronland	0	29.73	-0.03	SSE	6-7	bc
" 7am	49	30	Arabic	H	29.48	0.00	WSW	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.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land. / Oban ...	-	38	31	m. bc	oh. c	0.3	Margate ...	-	34	31	o	o	0.0
/ St. Andrews ...	-	39	33	*	*	0.0	Ramsgate ...	-	38	30	*	*	0.0
Eng. N.E. / Harrogate ...	0.02	33	28	o	o	0.0	Folkestone ...	-	33	30	o	bc. o	1.0
/ Scarborough ...	*	41	35	of	of	0.0	Littlestone ...	-	33	29	*	*	0.0
Eng. N.W. / Morecambe ...	-	39	32	o	o	0.0	Hastings ...	-	33	29	o	o	0.0
/ Blackpool ...	-	37	31	o	o	0.0	Bexhill-on-Sea ...	-	33	29	o	o	0.0
/ Southport ...	-	35	32	og	o	0.0	Eastbourne ...	-	33	27	o	o	0.0
Mid- lands. / Buxton ...	-	33	29	*	*	0.0	Seaford ...	-	32	27	o	o	0.0
/ Leamington Spa ...	-	34	32	o	o	0.0	Brighton ...	-	33	29	o	o	0.0
/ Malvern ...	-	36	29	o	o	0.0	Worthing ...	-	33	29	o	o	0.0
Wales. / Rhyl ...	-	38	30	o	og	0.0	Littlehampton ...	-	33	29	o	o	0.0
/ Colwyn Bay ...	-	35	32	o	o	0.0	Southsea ...	-	37	32	o	o	0.0
/ Llandudno ...	-	39	35	o	o	0.0	Ryde ...	-	33	31	o	o	0.0
/ Bettws-y-Coed ...	-	41	33	o. c	c. b. o	4.3	Ventnor ...	-	40	30	*	*	0.0
/ Aberystwyth ...	-	41	33	o. c	c. b. o	4.3	Bournemouth ...	-	32	30	o	o	0.0
/ Tenby ...	-	37	35	o	o	0.2	Hythe ...	-	33	29	bc. o	b. o	0.1
England E. / Lowestoft ...	0.01	36	32	ohp	ohp	0.0	Weymouth ...	-	33	31	o. c	c. o	0.0
/ Felixstowe ...	-	36	34	o	o	0.0	Exmouth ...	-	35	32	*	*	0.0
/ Walton-on-Naze ...	-	35	33	ogm. c	c. og	0.0	Teignmouth ...	-	37	34	o	o	0.0
/ Southend-on-Sea ...	-	34	32	o	bc	1.0	Torquay ...	-	38	35	o	o	0.0
							Paignton ...	-	38	35	o	o	0.0
							Falmouth ...	-	41	38	og	og	0.0
							Bude ...	-	40	27	x. c	c	1.8
							Ilfracombe ...	-	37	30	o	c. b. c	1.5
							Weston-super-Mare ...	-	35	28	c. 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.	Max. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	71	70	0.0	35	31	29	0.01	o	ops	ops. o
City (Banhill Row) ...	71	70	0.0	35	31	29	0.01	o	ops	ops. o
Westminster (St. James's Pk.) ...	77	?	0.0	35	33	32	-	m.	bc. 3	3.0m
Camden Sq. (Brit. Rainfall) ...	90	90	0.0	34	32	27	-	og. o	c. o	*
Hampstead (Reservoir) ...	*	84	0.0	32	30	23	-	of. o	og	x. o
Richmond Park ...	*	*	0.0	32	30	23	-	of. o	og	x. o
Kew. (See front page)	*	*	0.0	32	30	23	-	of. o	og	x. o
S. Kensington (Roof of M.O.)	84	72	0.0	32	30	23	-	of. o	og	x. o

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Max. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	-	39	37	37	o	og	og	*
Plymouth to 9 p.m.	-	37	32	27	o	og	og	0.0
Darwen "	-	33	28	26	o	og	og	0.0
Manchester "	-	36	33	27	o	og	og	0.0
Birmingham "	-	34	31	27	o	og	og	0.0
Oxford to 8 p.m.	-	35	31	26	o. og	og	og	*
S. Kensington (Museum Grounds to 6 p.m.)	-	35	33	27	e. og	ohp	cm. os	*

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

20th, 21st Jan. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.53	G.M.T. 12.4	G.M.T. 4.15
Greenwich ...	7.52	12.4	4.16
Wick ...	7.56	12.11	4.26
Valencia ...	7.55	12.11	4.27
	8.44	12.23	4.3
	8.42	12.23	4.5
	8.39	12.52	5.5
	8.38	12.52	5.6

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 40° at some of our coast stations, but was little above the freezing point over the Kingdom as a whole: frost occurred at night in many localities. Slight snow was experienced in various parts of the Kingdom, and the duration of bright sunshine was very small except in some parts of Ireland, Wales and at Jersey.

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.

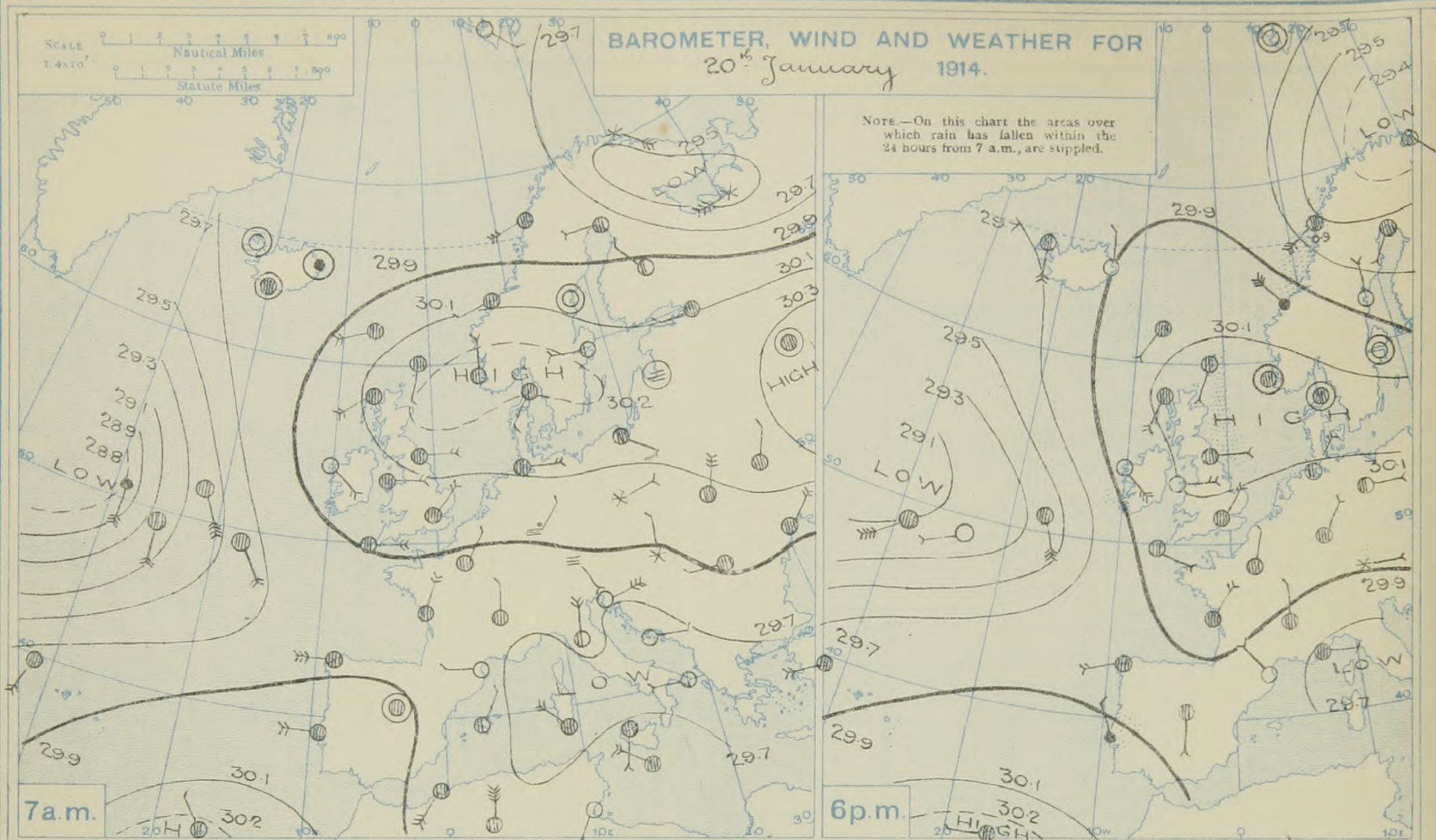
Wednesday,
21st January, 1914.

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 8° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dirce.		Force (0 to 12).	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirce.	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	30.15	39	SSW	2	bc	30.13	-0.01	35	-4	-	0	c	0	0.01	F. 40	F. 32	c.bc	bc	bc.bc.c	Hours. 0.0	
	Stornoway	30.13	38	SSW	3	o	30.09	-0.00	35	-5	S	4	bc	4	-	40	33	o	o	o.bc	0.0	
	Castlebay (Barra Isd.)	30.08	39	SE	5	o	30.05	-0.00	40	0	SE	5	o	6	-	40	33	c	c	c	0.0	
	Glasgow	30.16	34	E	1	o	30.17	-0.01	32	-2	ENE	2	o	*	-	35	30	o	o	o	0.0	
	Eskdalemuir	30.17	33	E	3	o	30.18	-0.01	32	0	E	1	o	*	-	34	31	o	o	o	0.0	
	Malin Head	30.04	35	SE	3	o	30.03	-0.01	35	+1	SSE	4	o	2	-	35	33	cmq	om	og	*	
	Blacksod Point	29.92	36	SE	5	b	29.87	-0.00	38	+3	SE	6	ogq	5	Trace	38	34	bz	bz	b.ogq	*	
	Valencia	29.89	39	ESE	4	cy	29.86	-0.00	44	+4	SSE	4	og	4	0.02	44	38	bcz	cy	ogq	3.0	
	Roche's Point	29.98	40	SE	5	o	29.98	*	42	+2	SE	5	o	5	-	42	38	og	og	o.b.o	*	
	Birr Castle	30.01	35	SE	1	c	30.00	*	36	+2	SE	3	c	*	-	36	34	c	c	o.c	0.0	
	Donaghadee	30.09	38	SSE	3	c	30.09	-0.00	38	+1	SSE	3	o	4	-	39	37	c	c	cm.o	*	
	Liverpool Obsy.	30.12	36	E	3	o	30.15	-0.00	34	+1	ESE	2	o	1	-	37	33	o.bc	bc.o	o	1.4	
	Holyhead	30.10	34	E	3	bz	30.12	+0.02	31	-3	E	1	om	2	-	36	28	o.c.o.om	o.b.c.b.	b.b.c.x	0.0	
	Pembroke (St. Ann's Hd.)	30.03	32	NE	3	bc	30.07	-0.00	34	+1	SE	4	o	4	Trace	36	31	cm	cm	bcn.c	0.0	
	Newquay	29.99	30	SE	2	bz	30.04	+0.01	32	-1	E	2	og	3	-	38	28	bcz.bz	bz	bz.og	6.0	
ICELAND, FAEROE, &c.	Spitzbergen	29.76	-33	-	0	b	29.64	-0.08	-14	+18	-	0	o	*	-	-14	-36	*	*	*	*	
	Isafjord	29.73	45	S	4	c	29.56	-0.06	42	+10	S	4	c	*	-	*	*	*	*	*	*	
	Reykjavik	29.68	45	SE	5	o	29.45	-0.03	42	+1	ESE	5	o	*	-	*	*	*	*	*	*	
	Vestmanna	29.73	43	SE	2	o	29.50	-0.06	42	0	E	8	r	3	-	*	*	*	*	*	*	
	Seydisfjord	29.90	35	N	1	b	29.75	-0.07	44	+2	SW	2	b	*	-	*	*	*	*	*	*	
	Thorshavn	30.05	42	SW	2	o	30.04	-0.02	41	-2	SSW	4	o	*	-	*	*	*	*	*	*	
	Haparanda	29.51	34	SW	2	o	29.39	+0.01	28	-8	W	2	o	*	-	36	28	*	*	*	*	
	Hernösand	29.86	31	N	2	b	29.68	+0.02	37	+3	NW	4	b	*	-	37	28	*	*	*	*	
	Stockholm	30.06	15	-	0	b	29.86	-0.05	19	+5	WSW	2	o	*	-	19	12	*	*	*	*	
	Wisby	30.13	32	W	2	o	29.98	-0.01	28	-4	W	6	o	*	-	32	25	*	*	*	*	
	Karlstad	30.13	1	-	0	b	30.03	-0.00	1	+5	-	0	c	*	-	10	-4	*	*	*	*	
	Vardö	29.35	23	SE	2	o	29.38	+0.03	24	+5	NE	6	o	4	-	24	16	*	*	*	*	
	Bodö	29.50	39	SW	6	o	29.71	+0.06	32	-8	NW	4	b	2	0.20	41	28	*	*	*	*	
	Christiansund	29.92	41	NW	7	r	30.02	+0.02	41	0	S	1	c	4	0.87	41	37	*	*	*	*	
	Skudesnaes	30.16	34	-	0	o	30.13	-0.01	33	0	N	2	b	2	-	36	32	*	*	*	*	
Færder (X'iania Fjord)	30.13	21	SSW	1	m	30.03	-0.02	21	+1	NW	1	b	1	-	21	19	*	*	*	*		
The Scaw (Skagen)	30.15	29	-	0	o	30.07	-0.03	29	-2	WSW	2	o	0	-	30	28	*	*	*	*		
Blaavands Huk	30.17	28	N	1	o	30.12	-0.01	29	-1	S	1	o	1	-	30	25	*	*	*	*		
GERMANY, &c.	Cuxhaven	30.09	32	NE	3	bc	30.10	-0.00	31	-1	NNE	3	o	0	-	34	30	*	*	*	*	
	Berlin	30.06	18	E	2	c	30.08	-0.00	16	0	E	1	o	*	Trace	23	16	*	*	*	*	
	Frankfurt	29.97	21	NE	2	o	30.08	+0.04	18	-5	NE	1	m	*	-	28	18	*	*	*	*	
	Munich	29.90	21	E	2	s	30.01	+0.03	18	-5	NE	2	c	*	0.16	25	13	*	*	*	*	
	The Helder	30.07	32	NE	5	b	30.13	+0.01	31	0	NNE	1	o	1	-	32	30	*	*	*	*	
	Brussels	30.00	20	ESE	1	b	30.09	+0.03	14	-10	ENE	2	o	*	-	25	12	*	*	*	*	
FRANCE.	C. Gris Nez	29.99	23	ENE	5	b	30.07	+0.02	21	-5	ENE	6	bc	5	-	28	19	*	*	*	*	
	La Hève	29.94	30	NE	2	m	30.06	*	24	-5	NE	2	m	1	-	34	23	*	*	*	*	
	Ushant	29.95	33	SE	2	o	29.99	*	33	-3	SE	3	o	3	-	37	32	*	*	*	*	
	Brest (St. Matheu)	29.99	36	SE	2	o	30.06	+0.01	36	+4	SE	3	o	4	-	36	32	*	*	*	*	
	Lorient (Ecc Melen)	29.94	30	NNE	3	o	30.08	+0.03	31	+4	S	3	o	*	-	34	23	*	*	*	*	
	Rochefort (Ile d'Aix)	29.94	34	ESE	3	o	30.01	+0.01	34	+4	ESE	3	o	3	-	36	30	*	*	*	*	
	Biarritz	29.90	34	ESE	3	o	30.01	+0.01	34	+4	ESE	3	o	3	-	36	30	*	*	*	*	
	Paris	29.93	30	NNE	1	o	30.05	+0.03	27	-2	NNE	1	o	*	-	34	27	*	*	*	*	
	Belfort	29.88	29	-	0	o	30.02	*	27	+3	NW	2	o	*	-	35	24	*	*	*	*	
	Lyons	29.69	38	E	1	o	29.78	+0.02	36	-4	E	3	b	3	-	45	34	*	*	*	*	
SPAIN, PORTUGAL, &c.	Perpignan	29.79	37	NW	2	b	29.93	+0.04	30	+7	NW	3	bc	*	-	42	23	*	*	*	*	
	Sanguinaire	*	47	S	3	m	*	*	45	0	E	2	m	3	-	54	41	*	*	*	*	
	Corunna (9 a.m.)	29.86	54	WSW	3	o	29.86	-0.00	54	+4	S	3	o	3	0.04	55	48	*	*	*	*	
	Lisbon (9 a.m.)	29.98	55	NNW	1	r	29.97	+0.02	58	+3	NNW	4	o	6	0.04	59	54	*	*	*	*	
Azores (Horta, 8 a.m.)	29.85	*	SW	4	o	30.06	+0.01	59	-4	SW	4	bc	3	0.04	64	54	*	*	*	*		
	Madeira (Funchal)	30.23	63	W	1	o	30.21	+0.01	59	+3	W	1	c	1	-	68	57	*	*	*	*	

GALES.
Duration and Extreme Force
in British Islands

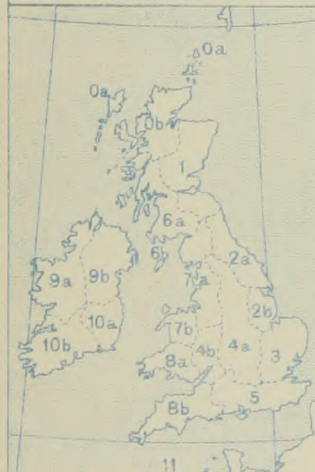
* Information for these columns not usually received.

† Received too late for insertion in Charts.



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

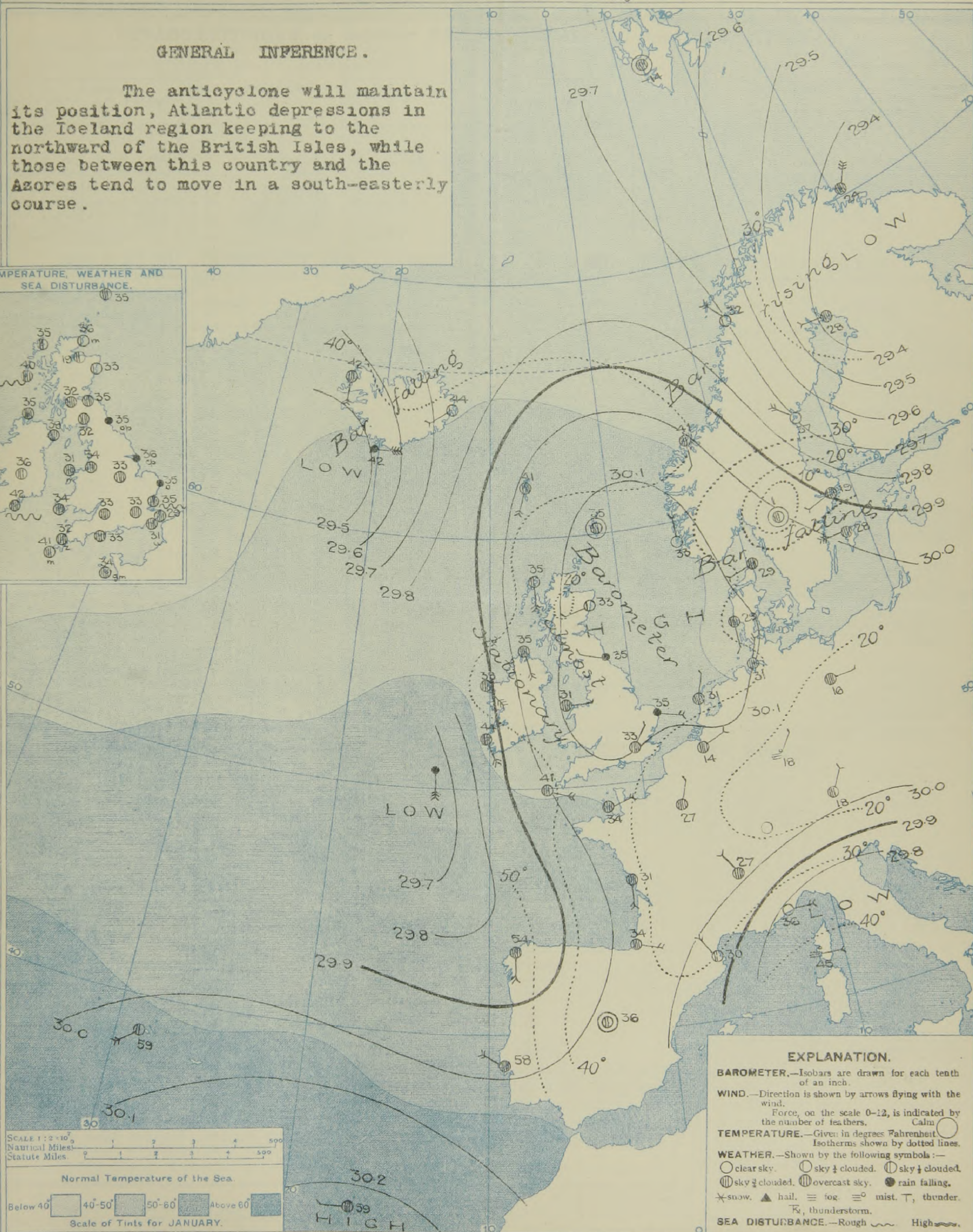
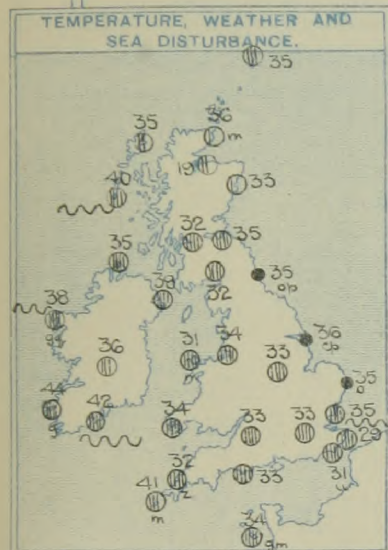
FURTHER OUTLOOK.

- | | |
|-------------------|--|
| 0 { a }
{ b } | Moderate or light Southerly or South-Easterly winds, light; mostly fair, local showers; moderate temperature. |
| 1 { } | Calms or light Southerly airs; mostly fair; continuing cold. |
| 2 { a }
{ b } | Light variable, mainly Easterly breezes; cloudy, occasional light coast rain; temperature continuing below normal. |
| 3 { } | |
| 4 { a }
{ b } | Light variable breezes, mainly Easterly; much cloud; temperature continuing below normal. |
| 5 { } | |
| 6 { a }
{ b } | Same as No. 1. |
| 7 { a }
{ b } | Same as No. 5. |
| 8 { a }
{ b } | Moderate or light South-Easterly breezes; much cloud; temperature continuing below normal. |
| 9 { a }
{ b } | |
| 10 { a }
{ b } | Moderate South-Easterly breezes, fresh at times; much cloud, occasional light rain; little change of temperature. |
| 11 { } | Moderate or fresh South-Easterly winds and a moderate sea; cloudy; rather cold. |

SYNOPTIC CHART FOR 7 a.m., Wednesday, 21st JANUARY, 1914.

GENERAL INFERENCE.

The anticyclone will maintain its position, Atlantic depressions in the Iceland region keeping to the northward of the British Isles, while those between this country and the Azores tend to move in a south-easterly course.



DAILY WEATHER REPORT.

Wednesday, 21st January 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.	
					In.	In.		(0-15).							In.	In.		(0-12).	
21st Jan.	51	12	Arabic	I	29.61	+01	S	6-7	r	20th Jan	50	29	Laurentic	O	28.75	-.13	S	6-7	r
20th 6 p.m.	48	29	Minnetonka	O	29.02	+01	SW	8-9	o	"	50	21	Arabic	H	29.2	-.05	S	4-5	o
"	49	23	Kroonland	O	29.30	+0.05	WSW	4-5	b	"	49	28	Campania	O	28.94	-.08	SE	1-3	c
"	50	17	Arabic	H	29.38	+0.05	S	6-7	m	"	49	26	Minnetonka	O	29.06	-.10	SSE	4-5	o
"	51	16	Royal George	H	29.40	+0.05	SSE	6-7	o	"	51	21	Royal George	H	29.33	+0.02	SSE	8-9	o
										"	49	18	Kroonland	O	29.55	-.08	SSE	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.	o.b.c.	o.c.	Hr.	England, S.E.	Margate ...	In.	F.	F.	o.b.c.	o.c.	Hr.
	St. Andrews ...	-	37	33	*	*	0.0		Ramsgate ...	-	33	29	*	*	1.4
Eng. N.W.	Harrogate ...	-	35	30	o	o	0.0	England, S.E.	Folkestone ...	-	33	29	o.b	o	1.4
	Scarborough ...	*	43	36	o.c	o.c	0.0		Littlestone ...	-	*	*	*	*	0.1
Eng. N.W.	Morecambe ...	-	38	33	c	bc	2.0	England, S.E.	Hastings ...	-	33	29	o	o.b.c	0.2
	Blackpool ...	-	37	32	o.c	c.o	0.2		Bexhill-on-Sea ...	-	33	29	o	o	0.0
Eng. N.W.	Southport ...	-	36	32	o.c.o	o	0.0	England, S.E.	Eastbourne ...	-	33	30	o	o	0.0
									Seaford ...	-	33	27	o	o	0.0
Mid. land.	Buxton ...	-	37	28	*	*	0.0	England, S.E.	Brighton ...	-	34	31	o	o.c	0.0
	Leamington Spa ...	-	34	31	o	o	0.0		Worthing ...	-	33	31	o	o	0.0
Wales.	Malvern ...	-	36	31	o	c	0.0	England, S.W.	Littlehampton ...	-	*	*	*	*	0.0
									Southsea ...	-	34	31	o	o	0.0
Wales.	Rhyl ...	-	36	32	o	c.o	1.0	England, S.W.	Ryde ...	-	34	33	o	o	0.0
	Colwyn Bay ...	-	35	32	*	*	0.6		Ventnor ...	-	33	30	*	*	0.0
Wales.	Llandudno ...	-	38	34	o	o	0.8	England, S.W.	Bournemouth ...	-	33	30	o	o	0.0
	Bettws-y-Coed ...	-	35	32	o.c	c.o	0.3		Holhe ...	-	33	29	ogs.b	b	1.2
England, E.	Aberystwyth ...	-	36	33	o	o	0.0	England, S.W.	Weymouth ...	-	34	31	c	c.o	0.0
	Tenby ...	-	36	33	o	o	0.0		Exmouth ...	-	36	31	bc.c	cg.bc	0.0
England, E.	Lowestoft ...	-	35	32	c.o.c	c.o	0.1	England, S.W.	Teignmouth ...	-	34	32	o	o	0.0
	Felixstowe ...	-	35	32	cm.o	o	0.1		Torquay ...	-	36	33	o	o	0.0
England, E.	Walton-on-Naze ...	-	35	32	o.c	o	0.5	England, S.W.	Paignton ...	-	39	31	o	o	0.0
	Southend-on-Sea ...	-	34	31	o	o	0.0		Falmouth ...	-	39	34	o.c	c.b	2.1
								England, S.W.	Bude ...	-	40	31	bc.c	c	1.4
									Jifracombe ...	-	37	30	o	o	0.0
								England, S.W.	Weston-super-Mare ...	-	35	27	c.o	o.c	0.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.		
	3 a.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	62	78	0.0	34	32	26	-	o	o	o.c
City (Rushmill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	81	77	0.0	35	33	30	-	om	om	bc.m
Camden Sq. (Brit. Rainfall)	93	96	0.0	34	31	26	-	o	o	*
Hampstead (Reservoir) ...	*	99	0.0	33	30	20	-	ox	ox.o	o
Richmond Park ...	*	*	0.0							
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.)				66 joules		2.2 Milliwatts.		8.0 Milliwatts.		

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	-	38	35	35	o	o	o
Plymouth to 9 p.m.	-	36	32	30	o	bc	o.g
Darwen "	-	34	30	28	04	ogu	o.b
Manchester "	-	38	33	*	o	c.b	o.b
Birmingham "	-	34	30	27	*	o	o
Oxford to 8 p.m.	*						
S. Kensington (Museum Grounds to 8 p.m.)	-	35	33	30	ops.g	ox.cm	om.o

NOTES ON YESTERDAY'S WEATHER.

Dull weather prevailed over the greater part of the country, but 5 hours of bright sunshine were experienced at Newquay and Nairn. Light showers fell at a few east coast stations. The range of temperature was small, there being in most cases a difference of only a few degrees between the maximum and minimum; the values were again below the normal.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
21st-22nd Jan. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.52 12.4	G.M.T. 12.4 12.5	G.M.T. 4.16 4.18
Greenwich ...	7.55 12.11	12.11 12.12	4.27 4.29
Wick ...	8.42 12.23	12.23 12.24	4.5 4.7
Valencia ...	8.38 12.52	12.52 12.53	5.6 5.8

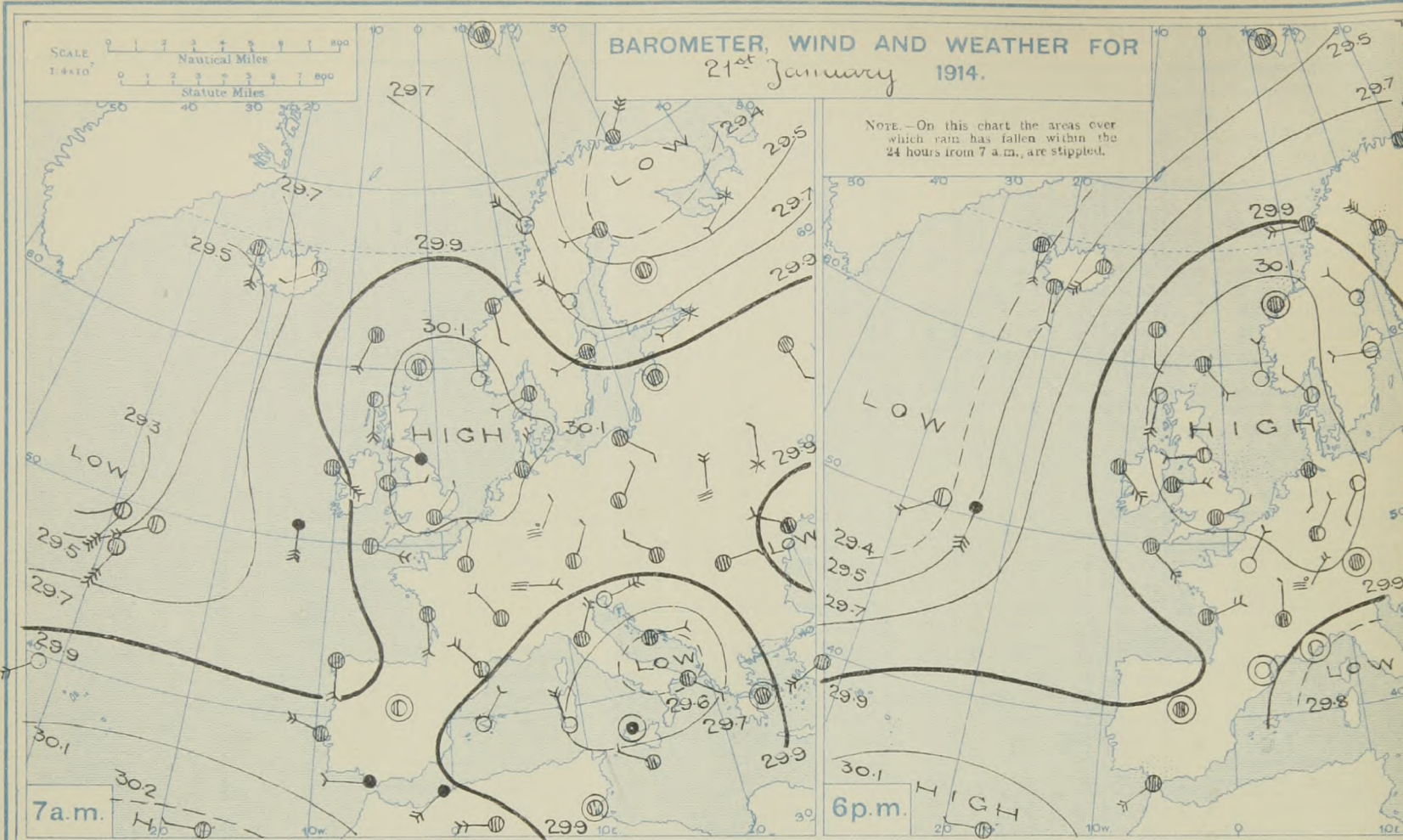
NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; 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,
22nd January, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., C.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.		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.
		In.	F.				In.	In.	F.						In.	F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	30.17	4.0	SE	3	o	30.19	1.00	4.0	+5	S	2	o	1	—	41	34	o	o	o.c	*		
	Stornoway ...	30.12	37	SSW	4	b	30.13	— .01	38	+3	S	5	bc	5	—	39	34	bc.b	b	b.c	4.5		
	Castlety Bay (Barra Isd.)	30.08	41	SSE	5	o	30.10	0.00	41	+1	SE	5	o	6	—	42	40	o	c	o	0.0		
	Glasgow ...	30.19	34	SSE	2	o	30.22	0.00	33	+1	SE	2	og	*	—	36	31	o.c	o	o	0.0		
	Eskdalemuir ...	30.20	32	—	o	o	30.22	0.00	32	o	—	o	o	*	—	35	30	o	c.o	o	0.0		
	Malin Head ...	30.09	36	S	4	c	30.08	— .02	35	o	S	3	o	2	—	38	34	cmg	cmg	om	*		
	Blacksod Point ...	29.97	38	SE	5	og	29.99	0.00	36	— 2	SE	5	b	4	Trace	39	34	og	og	og.b	*		
	Valencia ...	29.93	44	ESE	4	og	29.97	+ .01	44	o	SE	4	og	4	—	46	43	og	og	og	0.0		
	Roche's Point ...	30.00	42	SE	5	o	30.03	*	42	o	SE	5	o	5	—	43	41	om	om	o	*		
	Birr Castle ...	30.05	36	SE	2	c	30.07	*	34	— 2	SE	1	o	*	—	38	33	c	c	o	1.0		
	Donaghadee ...	30.14	36	SW	2	cm	30.13	0.00	40	+2	S	3	o	3	—	40	36	c	cm	o.c.m	*		
	Liverpool Obsy. ...	30.16	35	ESE	2	o	30.18	0.00	35	+1	ESE	1	o	1	—	37	34	om	om	o	0.0		
	Holyhead ...	30.15	37	E	3	og	30.15	+ .01	35	+4	SE	1	om	1	—	38	31	o.c.og	bc.c.o	om	1.0		
	Pembroke (St. Ann's Hd.)	30.05	35	E	4	o	30.10	+ .01	34	o	SE	4	cg	3	Trace	37	33	o.c	c.o	og	0.0		
	Newquay ...	30.00	35	E	2	o	30.08	+ .02	32	o	E	1	og	3	—	36	32	o	o	o	0.0		
	Scilly (St. Mary's) ...	29.96	41	SE	4	om	30.02	+ .01	41	o	SE	4	om	4	—	44	37	om	om	om	0.0		
	Jersey (St. Aubin) ...	30.05	33	E	4	bm	30.08	*	27	— 7	E	4	bm	3	—	38	27	ogm.c	bc.b	b.bcm	2.8		
	Portland Bill ...	30.09	35	ENE	5	o	30.11	+ .01	35	+2	ENE	4	o	4	—	36	32	o	og	o	*		
	Dungeness ...	30.08	34	ENE	4	c	30.14	+ .01	30	— 1	E	2	c	3	—	34	28	o.c.o	o.c	o.ex	*		
	Dover ...	30.10	33	ENE	4	o	30.14	*	30	+1	NE	2	bc	3	—	32	28	o	o	o.c.bc.b	0.0		
	Wick ...	30.15	31	SSW	2	b	30.18	0.00	30	— 6	SSW	1	bc.m	2	—	37	24	bm.b	bc.m	bm.c.m	*		
	Nairn ...	30.15	26	—	o	bc.x	30.19	*	19	o	—	o	bc.x	1	—	31	17	bc	bc	bc	3.5		
	Aberdeen ...	30.19	35	SSW	2	c	30.22	+ .01	35	+2	SW	2	o	2	—	38	33	bc.b	b.b	c.o	4.6		
	Leith ...	30.18	36	SE	1	o	30.20	— .01	36	+1	ESE	1	o	*	—	39	35	o.c	o	o	*		
	North Shields ...	30.18	38	W	2	o	30.22	0.00	35	o	WNW	1	c	2	0.07	39	35	or	o	o.ors	*		
	Spurn Head ...	30.15	37	E	2	c	30.15	0.00	37	+1	E	1	bc.p	2	0.04	38	37	op	cp	c	0.9		
Yarmouth ...	30.14	35	E	3	bc	30.18	0.00	34	— 1	E	1	cm	1	0.07	38	33	as	o.bcp	or.cm	0.0			
Clacton-on-Sea ...	30.11	35	NE	2	ogm	30.15	+ .01	35	o	ESE	2	o	2	—	37	33	o.c	c.ogm	ogm.o	0.0			
Nottingham ...	30.15	35	E	2	o	30.18	*	34	+1	NE	2	o	*	0.02	37	32	bm	o	o.cps	0.0			
Bath ...	30.12	33	E	2	o	30.16	*	34	+1	E	2	o	*	—	36	32	ogm	mg.o	o	0.0			
London (Kew Obsy.) ...	30.08	34	ENE	1	om	30.15	+ .01	34	+1	E	1	om	*	—	35	33	om.cm	cm.ogm	om	0.0			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.45	— 2	—	o	o	29.43	+ .03	— 9	+5	—	o	bc	*	—	— 2	— 15	GALE					
	Isafjord ...	29.39	41	S	4	o	29.40	— .05	46	+4	S	8	o	*	*	*	*	Duration and Force in British Islands					
	Reykjavik ...	29.38	44	S	3	o	29.36	— .09	45	+3	ESE	7	c	*	*	*	*						
	Vestmanna ...	29.42	44	SSE	2	c	29.45	— .07	44	+2	ESE	6	o	4	*	*	*						
	Seydisfjord ...	29.56	47	SW	6	c	29.63	— .01	38	— 6	SW	3	bc	*	*	*	*						
	Thorshavn ...	30.04	41	S	1	c	30.04	— .01	42	+1	S	3	o	*	*	*	*						
SCANDINAVIA.	Haparanda ...	29.75	20	NW	6	o	29.79	— .08	16	— 12	N	4	s	*	Trace	34	16						
	Hernösand ...	29.94	32	NW	2	b	30.02	0.00	28	— 9	S	2	b	*	—	37	25						
	Stockholm ...	29.92	28	W	2	o	30.09	+ .02	22	+3	W	2	o	*	—	28	19						
	Wisby ...	29.92	34	WNW	4	bc	30.12	+ .06	32	+4	N	4	b	*	—	36	27						
	Karlstad ...	30.07	12	—	o	b	30.22	+ .04	13	+12	NW	2	b	*	—	18	— 2						
	Vardö ...	29.73	16	NNE	4	o	29.53	— .08	18	— 6	SW	4	o	3	—	25	14						
GERMANY, &c.	Bodö ...	29.90	36	W	4	o	29.85	+ .01	39	+7	SW	5	o	3	—	39	30						
	Christiansund ...	30.17	40	—	o	o	30.19	+ .01	41	o	W	3	c	4	0.12	41	39						
	Skudesnaes ...	30.18	37	N	2	b	30.27	0.00	28	— 5	—	o	b	1	—	39	27						
	Færder (X'ania Fjord) ...	30.11	24	N	1	f	30.23	+ .02	23	+2	NNE	1	f	1	—	25	21						
	The Scaw (Skagen) ...	30.12	31	NW	1	b	30.23	+ .03	29	o	SE	1	bc	o	—	32	23						
	Blaavands Huk ...	30.13	30	SE	2	c	30.26	+ .02	19	— 10	ESE	1	c	1	—	34	18						
FRANCE.	Cuxhaven ...	30.12	32	S	1	o	30.22	+ .01	29	— 2	ENE	2	o	o	—	34	28						
	Berlin ...	30.12	19	SW	2	b	30.21	+ .04	14	— 2	W	1	c	*	—	19	12						
	Frankfurt ...	30.13	23	NE	1	c	30.19	+ .02	14	— 4	NE	2	m	*	—	27	14						
	Munich ...	30.08	23	—	o	o	30.12	+ .02	19	+1	E	4	o	*	—	25	18						
	The Helder ...	30.14	33	ENE	1	o	30.19	+ .01	30	— 1	SE	1	o	o	Trace	34	30						
	Brussels ...	30.13	19	—	o	b	30.14	0.00	22	+8	ESE	1	o	*	—	24	13						
SPAIN, PORTUGAL, &c.	C. Gris Nez ...	30.08	26	ENE	5	c	30.15	+ .01	23	+2	E	3	bc	2	—	28	21						
	La Hève ...	30.03	26	NE	2	m	30.10	*	19	— 5	NE	2	m	2	—	32	18						
	Ushant ...	29.99	35	SE	2	o	30.00	*	31	— 2	ESE	3	bc	5	—	39	27						
	Brest (St. Mathieu) ...	29.98	33	E	3	o	30.04	+ .01	32	— 4	SE	3	c	4	—	37	28						
	Lorient (Bec Melen) ...	*	32	E	4	o	*	*	27	*	E	4	bc	2	—	36	25						
	Rochefort (Ile d'Aix) ...	29.97	32	ENE	3	o	29.93	+ .03	28	— 3	NE	2	o	*	—	32	28						
PORTUGAL, &c.	Biarritz ...	29.87	34	E	4	o	29.83	0.00	31	— 3	E	1	o	3	—	37	30						
	Paris ...	30.06	22	NNE	1	c	30.08	+ .02	17	— 10	NE	1	b	*	—	29	16						
	Belfort ...	30.11	20	ENE	3	m	30.08	*	17	— 4	ENE	5	m	*	?	24	17						
	Lyons ...	30.04	26	N	1	o	30.02	*	24	— 3	—	o	o	*	—	29	24						
	Nice ...	29.80	39	—	o	b	29.85	+ .01	35	— 1	E	3	b	2	—	46	35						
	Perpignan ...	29.92	28	—	o	b	29.89	— .01	30	o	WSW	1	o	*	—	39	22						
PORTUGAL, &c.	Sanguinaire ...	*	43	E	3	m	*	*	42	— 3	E	3	m	4	—	48	37						
	Corunna (8 a.m.) ...	29.86	54	W	3	r	29.98	0.00	54	o	W	6	o	6	0.35	59	50						
	Lisbon (9 a.m.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	Gibraltar ...	30.00	61	SW	4	o	29.95	*	57	*	NW	4	o	3	0.18	63	57						
PORTUGAL, &c.	Azores (Horta 8 a.m.)	30.02	*	SW	5	b	29.98	+ .02	61	+2	W	5	b	4	—	63	59						
	Madeira (Funchal) ...	30.17	62	W	1	bc	30.12	+ .02	59	o	N	3	bc	2	—	70	59						



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

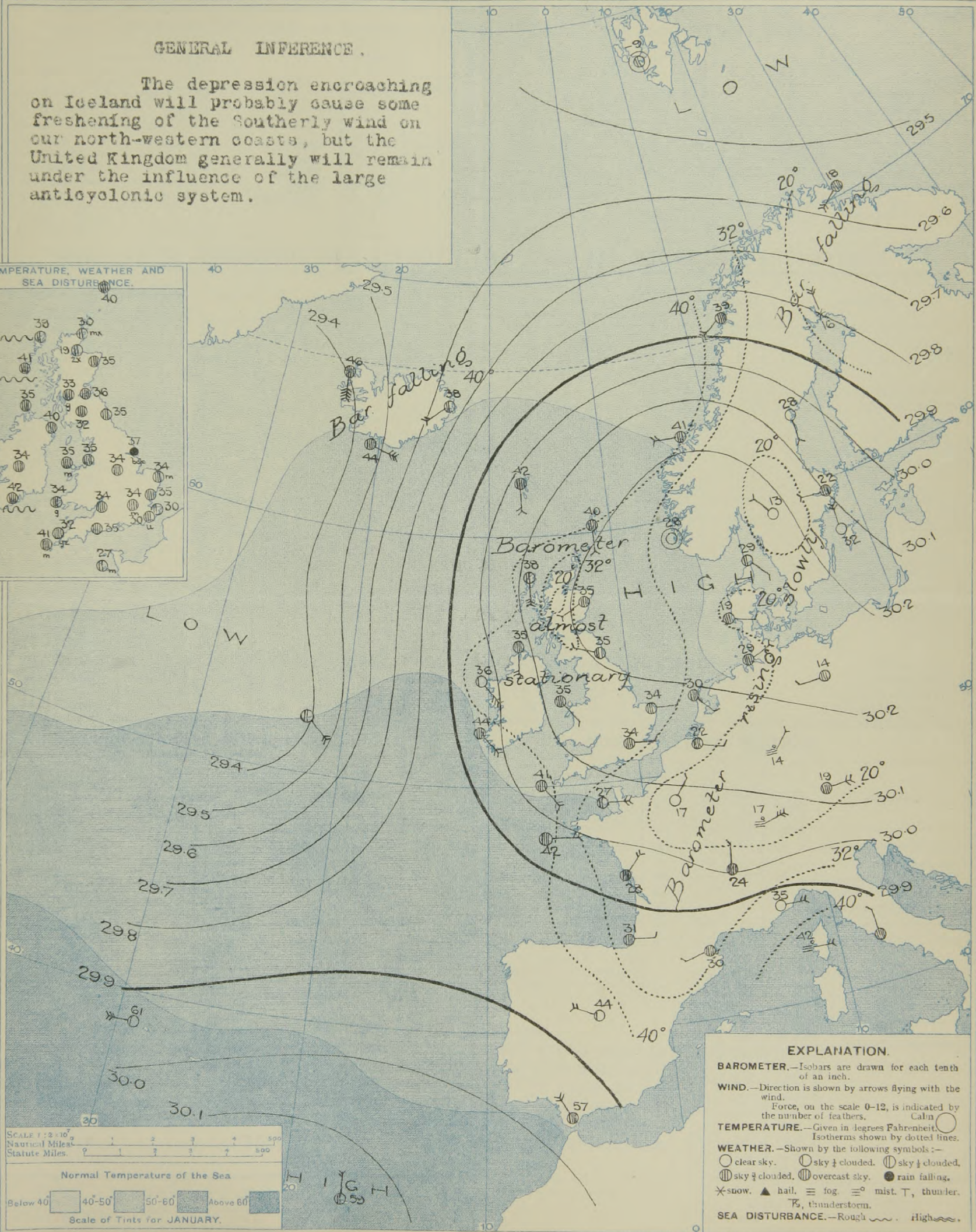
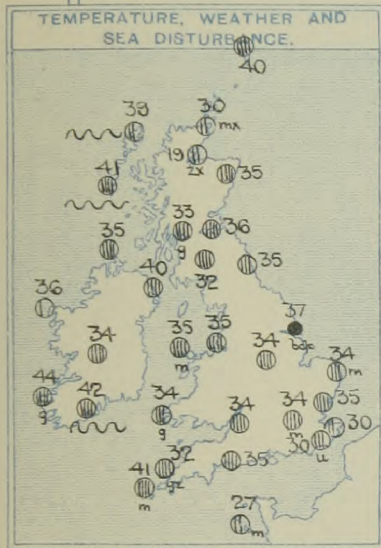
- | | |
|-----------------|--|
| 0 { a }
b } | Southerly winds, freshening; fair at times, mostly cloudy; cold. |
| 1 { | Southerly winds, light or moderate; cloudy or overcast, fairer intervals; cold. |
| 2 { a }
b } | |
| 3 { | Wind mainly Easterly, light; much cloud generally, some mist locally; no important change of temperature. |
| 4 { a }
b } | |
| 5 { | |
| 6 { a }
b } | Same as No. 1. |
| 7 { a }
b } | |
| 8 { a }
b } | South-Easterly winds, light or moderate; much cloud, some mist; cold. |
| 9 { a }
b } | |
| 10 { a }
b } | Southerly and South-Easterly winds, light or moderate, fresh locally on coast; mostly fair, dull in places; rather cold. |
| 11 { | South-Easterly winds, light or moderate to fresh; sea moderate or slight; some mist, otherwise fair to dull. |

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 22nd JANUARY, 1914.

GENERAL INFERENCE.

The depression encroaching on Iceland will probably cause some freshening of the Southerly wind on our north-western coasts, but the United Kingdom generally will remain under the influence of the large anticyclonic system.



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.

Thursday, 22nd January 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	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.	
22nd 7am	51	21	Alaunia	H	29.39	+0.1	SE	4-5	bc	21st 1pm	51	12	Turcoman	H	29.62	.00	S	6-7	o
"	47.46	6.7	H.M.S.	O	29.94	-0.2	E	3	o	" 7am	49	29	Alaunia	H	29.28	.00	SSW	8-9	bc
21st 6pm	49	25	Alaunia	H	29.40	+1.0	SW	6-7	bc	"	48	29	Somland	H	?	-0.1	SSW	8-9	c
"	50	23	Baltic	H	29.51	+0.7	SSW	6-7	r	"	49	28	Baltic	H	29.45	+0.4	SW	6-7	bc
"	49.36	4.40	H.M.S.	O	29.99	-	SE	4	o	"	49	26	Kroonland	O	29.45	-0.1	WSW	4-5	bc
Dry bulb 42° Wet bulb 39° Sea Temp 51° Sea Disturbance 3. Barometer falling.																			

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.	38	26	bc. om	c. o	0.6	England, S.E.	Margate	In.	34	30	o	o	0.0
	St. Andrews	"	37	32	o	o	0.0		Ramsgate	"	34	29	o	o	0.0
Eng. N.E.	Harrogate	"	35	31	o	o	0.0	England, S.E.	Folkestone	"	33	28	o	o	0.3
	Scarborough	"	39	34	o	o	0.0		Littlestone	"	"	"	"	"	1.1
Eng. N.W.	Morecambe	"	40	32	o	o	0.0	England, S.E.	Hastings	"	32	28	o	bc. o	1.7
	Blackpool	"	37	33	o	o	0.0		Bexhill-on-Sea	"	34	29	o	o. bc. o	1.7
Mid- lands.	Southport	"	36	34	og	og	0.0	England, S.E.	Eastbourne	"	33	29	o	bc	0.0
	Buxton	"	33	30	"	"	0.0		Seaford	"	33	27	o	bc	1.8
Wales.	Leamington Spa	"	35	29	o	o	0.0	England, S.W.	Brighton	"	33	30	o. c. bc	bc. b	2.2
	Malvern	"	36	30	o. c	c. o	0.7		Worthing	"	32	30	o	bc	0.8
England, E.	Rhyl	"	37	33	"	"	0.0	England, S.W.	Littlehampton	"	"	"	"	"	0.1
	Colwyn Bay	"	38	34	"	"	0.1		Southsea	"	34	32	o	bc. o	0.9
England, E.	Llandudno	"	38	36	o	o	0.0	England, S.W.	Ryde	"	34	31	o	o	0.0
	Bettws y Coed	"	39	31	o. c. b	c. o	2.7		Ventnor	"	39	30	"	"	0.0
England, E.	Aberystwyth	"	36	34	o	o	0.0	England, S.W.	Bournemouth	"	34	31	o	o	0.1
	Tenby	"	36	34	o	o	0.0		Hythe	"	33	28	ogs. b	b	0.2
England, E.	Lowestoft	"	36	32	opth	o. c. ops	0.0	England, S.W.	Weymouth	"	35	32	o	o	0.0
	Felixstowe	"	36	32	m. og	mpt. op	0.0		Exmouth	"	36	32	bcg	c. bc. b	0.0
England, E.	Walton-on-Naze	"	36	32	op. c	cg	0.0	England, S.W.	Teignmouth	"	37	32	o	o	0.0
	Southend-on-Sea	"	35	31	o	bc	0.7		Torquay	"	38	33	o	o	0.0
England, E.	Lowestoft	"	36	32	opth	o. c. ops	0.0	England, S.W.	Paignton	"	"	"	"	"	"
	Felixstowe	"	36	32	m. og	mpt. op	0.0		Falmouth	"	40	33	o	o	0.0
England, E.	Walton-on-Naze	"	36	32	op. c	cg	0.0	England, S.W.	Bude	"	40	30	c. o	o	0.0
	Southend-on-Sea	"	35	31	o	bc	0.7		Ilfracombe	"	37	31	o	o	0.2
England, E.	Lowestoft	"	36	32	opth	o. c. ops	0.0	England, S.W.	Weston-super-Mare	"	36	31	c. bc. b	bc. o	0.3
	Felixstowe	"	36	32	m. og	mpt. op	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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.)	74	78	0.1	35	31	27	o	o	o
City (Bunhill Row)	"	"	0.0	"	"	"	"	"	"
Westminster (St. James's Plk.)	80	81	0.0	36	34	31	m	om	om. bc
Camden Sq. (Brit. Rainfall)	82	84	0.0	35	32	26	o	o	"
Hampstead (Reservoir)	"	"	0.0	33	31	22	ox. o	ox	oxm
Richmond Park	"	"	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
Kew. (See front page.)	"	"	0.0	Total.	Average Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)	76	76	0.0	66 Joules	2.2 Milliwatts.	7.0 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.	In.	37	36	35	c. o	o
Plymouth to 9 p.m.	"	36	32	31	o	og
Darwen	"	35	32	29	og	ox
Manchester	Trace	38	35	"	or. o	o
Birmingham	"	34	31	22	"	o
Oxford to 8 p.m.	"	35	31	27	o	ogm
S. Kensington (Museum Grounds to 6 p.m.)	"	36	33	23	o	omgo

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 46° at Valencia, but to very little above the freezing point over the Kingdom generally, and remained below it at Nairn. Slight rain or sleet fell in the north-east of England and at Nottingham. Over these islands as a whole there was little or no bright sunshine, but at some Scottish stations the record was about 4.5 hrs., and that at Aberystwyth and Jersey was nearly 3 hrs.

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.

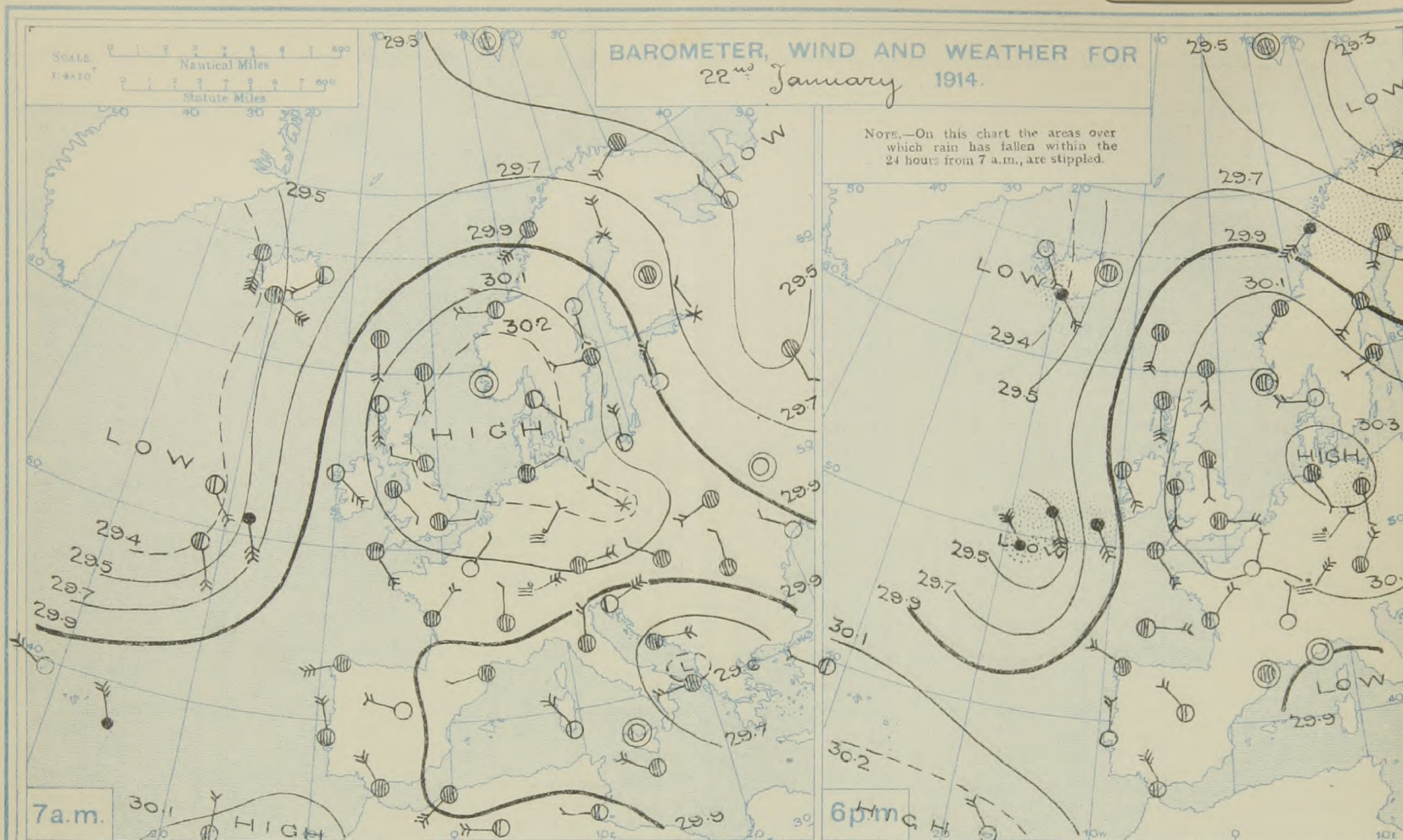
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
23rd January, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Vester- 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.	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 ...	30.16	40	SSE	3	o	30.02	-0.06	40	0	S	3	or	2	0.02	42	39	c	o c	op	Hours.		
	Stornoway ...	30.08	40	S	6	og	29.94	-0.04	40	+2	SSW	6	cq	6	-	40	37	c.o.g	og	o.c.g	0.0		
	Castlebay (Barra Isd.)	30.04	41	SE	5	o									-	42	40	o	o	o	0.0		
	Glasgow ...	30.18	34	SSE	2	c	30.11	-0.01	34	+1	S	2	o	*	-	36	32	o.c	o	c.o	0.1		
	Eskdalemuir ...	30.19	29	MMW	1	o	30.15	-0.02	30	-2	SSW	3	o	*	-	35	29	o.c.b.p.s	o.c.o	o	0.3		
	Malin Head...	30.03	35	SSE	4	b	29.89	-0.04	37	+2	S	5	c	3	-	38	33	om	b.m	cm	*		
	Blacksod Point	29.91	39	SSE	4	c	29.82	-0.03	44	+8	S	4	c	3	Trace	44	34	b	b.c	o.c.g	*		
	Valencia ...	29.89	44	SSE	5	om	29.84	-0.01	46	+2	SSE	5	ogd	5	0.03	46	43	o	o	or	0.1		
	Roche's Point	30.02	43	SE	6	o	29.97	*	44	+2	SSE	6	o	6	Trace	45	42	og	og	og	*		
	Birr Castle ...	30.02	36	SE	3	c	29.96	*	41	+7	SE	2	o	*	-	41	34	c	c	o	0.0		
	Donaghadee ...	30.12	38	S	3	om	30.07	-0.01	38	-2	S	3	om	3	-	40	37	om	om	om	*		
	Liverpool Obsy.	30.17	28	SE	2	o	30.17	00	28	-7	SE	2	b	2	-	37	28	o	o.b.c	b.c	0.0		
	Holyhead ...	30.15	35	S	3	c	30.14	-0.02	32	-3	E	4	b	2	-	38	30	o.c.m	b.c.b.c	b.b.c.c	2.0		
	Pembroke (St. Ann's Hd.)	30.10	35	SSE	5	c	30.03	-0.01	39	+5	ESE	5	c	4	-	39	34	c.o.c	c	cg.og	0.0		
	Newquay ...	30.07	36	E	3	og	30.08	00	36	+4	SE	2	c	3	-	39	32	o	o	o	0.0		
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	30.05	40	SE	4	cm	30.04	00	41	0	SSE	4	cm	5	-	42	37	om	om	cm	0.4		
	Jersey (St. Aubin)	30.12	32	E	3	bm	30.13	*	28	+1	E	2	bm	2	-	33	27	bm	bm	bm	5.5		
	Portland Bill	30.12	35	E	5	c	30.13	+0.01	34	-1	NE	3	o	4	-	36	33	c.o	o.c	c.o	*		
	Dungeness ...	30.17	33	EME	3	b	30.17	00	30	0	NE	2	b	2	-	33	29	c.b.c	b.c.b	b	*		
	Dover ...	30.17	29	EME	3	b	30.18	*	25	-5	NE	1	b	4	-	33	24	b.c.c	c.b	b.c	4.0		
	Wick ...	30.15	30	SW	2	b	30.02	-0.03	30	0	SSW	2	bm	3	-	38	28	bm	bm	b.c.b.m	*		
	Nairn ...	30.14	28	-	0	b	30.04	*	28	+9	-	0	cg	1	-	31	17	b.c	b	b.c	4.5		
	Aberdeen ...	30.19	38	S	2	o	30.09	-0.03	36	+1	SW	4	c	2	-	39	35	o.c	b.c.c	o.c	1.3		
	Leith ...	30.16	36	W	1	o	30.12	-0.02	36	0	WSW	2	o	*	-	40	35	o	o.c	o	*		
	North Shields	30.16	39	MMW	1	c	30.16	-0.02	36	+1	SSE	3	o	2	Trace	40	34	c	c	or.o	*		
	Spurn Head	30.15	37	NW	2	o	30.18	00	35	-2	SSE	3	o	3	Trace	39	33	om	cm	o	0.7		
	Yarmouth ...	30.22	35	S	1	o	30.21	-0.01	33	-1	E	2	b	1	-	37	31	om	o	o.b.c	0.0		
	Clacton-on-Sea	30.19	35	E	3	o	30.19	00	34	-1	E	2	b	2	-	36	32	o	o	o.c.b.c	0.0		
	Nottingham...	30.19	37	SE	1	o	30.21	*	32	-2	SSE	1	o	*	-	39	32	o.c	c.o	o	0.5		
	Bath ...	30.18	30	E	-	b	30.20	*	28	-6	E	1	o	*	-	36	26	o	o.c.b.c	cm.o	0.0		
London (Kew Obsy.)	30.20	34	E	3	om	30.19	00	25	-9	-	0	fx	*	-	37	24	om	cm	om.b.c	0.2			
SCANDINAVIA.	Haparanda ...	29.55	31	SW	4	o	29.51	+0.02	36	+20	NW	4	o	*	0.04	37	16						
	Hernösand ...	29.91	41	SW	4	o	29.89	-0.01	41	+13	WSW	4	b	*	-	41	36						
	Stockholm ...	30.08	27	WSW	2	o	30.05	+0.01	21	-1	W	2	b	*	-	28	21						
	Wisby ...	30.15	33	N	4	o	30.12	+0.01	32	0	NW	2	o	*	-	34	30						
	Karlstad ...	30.21	21	-	0	b	30.21	00	-2	-15	N	2	c	*	-	28	-2						
GERMANY, &c.	Vardö ...	29.25	26	WSW	2	S	29.28	00	30	+12	NNW	6	c	4	?	30	14						
	Bodö ...	29.77	41	SW	8	r	29.78	+0.02	41	+2	SW	6	r	3	0.28	41	36						
	Christiansund	30.20	41	SW	2	o	30.12	-0.03	41	0	SW	1	o	5	-	41	39						
	Skudesnaes ..	30.34	28	-	0	c	30.21	-0.02	35	+7	E	2	o	1	-	35	28						
	Færder (X'iania Fjord)	30.24	25	WSW	1	f	30.19	-0.01	23	0	-	0	f	0	-	27	21						
FRANCE.	The Scaw (Skagen)...	30.26	30	W	3	b	30.22	-0.02	29	0	WSW	3	f	0	-	34	25						
	Blaavands Huk ...	30.34	29	S	1	m	30.33	-0.01	29	+10	W	1	m	0	-	32	28						
	Cuxhaven ...	30.32	28	SE	2	o	30.31	-0.01	29	0	SE	3	o	0	-	32	28						
	Berlin ...	30.31	23	S	1	o	30.34	+0.01	27	+13	SW	1	o	*	Trace	27	14						
	Frankfurt ...	30.23	21	NE	2	m	30.32	+0.04	14	0	NE	2	m	*	-	25	14						
SPAIN, PORTUGAL, &c.	Munich ...	30.19	19	NE	S	o	30.27	+0.02	14	-5	NE	6	o	*	-	21	12						
	The Helder ...	30.26	30	E	2	b	30.28	-0.01	24	-6	ESE	2	b	1	-	32	24						
	Brussels ...	30.20	21	ENE	1	b	30.21	+0.01	12	-10	ESE	1	b	*	-	28	11						
	C. Grs Nez...	30.16	27	ENE	5	b	30.16	-0.01	19	-4	E	3	m	2	-	30	18						
	La Hève ...	30.11	26	NE	2	m	30.12	*	20	+1	ENE	2	m	1	-	32	19						
PORTUGAL, &c.	Ushant...	30.03	32	ESE	2	b	30.03	*	37	+6	ESE	3	b	5	-	37	27						
	Brest (St. Mathieu) ...	30.08	33	ESE	2	m	30.07	00	32	0	E	3	c	5	-	37	30						
	Lorient (Bec Melen)...	30.01	31	ENE	3	b	30.01	*	28	+1	E	3	b	*	-	34	27						
	Rochefort (Ile d'Aix)	30.01	32	NE	3	b	30.06	+0.02	24	-4	NE	3	b	*	-	36	23						
	Biarritz ...	29.99	37	SSE	3	o	30.02	+0.01	41	+10	WNW	2	o	5	-	41	31						
PORTUGAL, &c.	Paris ...	30.10	25	NNE	2	b	30.15	+0.02	14	-3	NE	1	b	*	-	31	14						
	Belfort ...	30.10	21	ENE	6	m	30.18	*	19	+2	ENE	5	m	*	-	26	17						
	Lyons ...	30.07	26	NNE	1	b	30.16	*	18	-6	-	0	m	*	-	31	17						
	Nice ...	29.90	38	-	0	b	30.00	+0.04	36	+1	-	0	b	2	-	50	34						
	Perpignan ...	29.94	34	-	0	o	30.03	+0.03	31	+1	WNW	2	b	3	-	37	28						
PORTUGAL, &c.	Sanguinaire ...	*	44	E	3	b	*	*	43	+1	E	3	b	3	-	50	39						
	Corunna (8 a.m.) ...	30.01	54	WNW	4	o	29.98	00	45	-9	S	3	o	4	-	55	41						
	Lisbon (9 a.m.) ...	30.07	51	N	5	b	29.94	-0.04	50	-2	N	1	c	6	-	57	50						
	Gibraltar ...	30.01	53	NW	5	b	29.99	*	49	-8	NW	5	b	2	-	61	49						
	Azores (Horta, 8 a.m.)	30.12	*	W	2	b	30.16	-0.02	60	-1	SW	5	o	3	-	64	55						
PORTUGAL, &c.	Madeira (Funchal) ...	30.21	59	NW	3	b	30.16	-0.01	55	-4	NW	3	b	3	-	70	55						

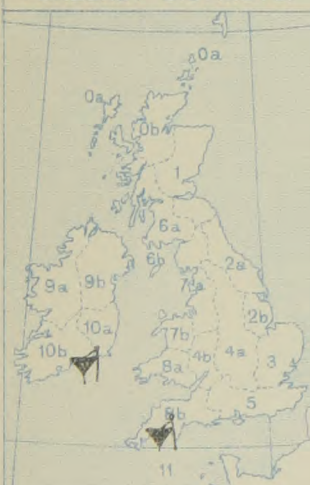
* Information for these columns not usually received.

† 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.

SOUTH CONE HOISTED

IN DISTRICTS 8 & 10
AT 8.5 A.M. TODAY.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Wind mainly Southerly, light or moderate; fair generally; temperature rather higher than of late.

Same as No. 4.

Same as No. 5.

Wind light, between East and South; mist or fog locally, otherwise fair; cold.

Wind mainly Easterly to South-Easterly, light or moderate; mist or fog locally, otherwise fair; cold.

Same as Nos. 0 and 1.

Same as No. 4.

Wind Southerly or South-Easterly, becoming strong or high; some mist; rain, sleet or snow later; temperature below normal.

Southerly winds, light to fresh; mostly fair, some rain or sleet in west; cold.

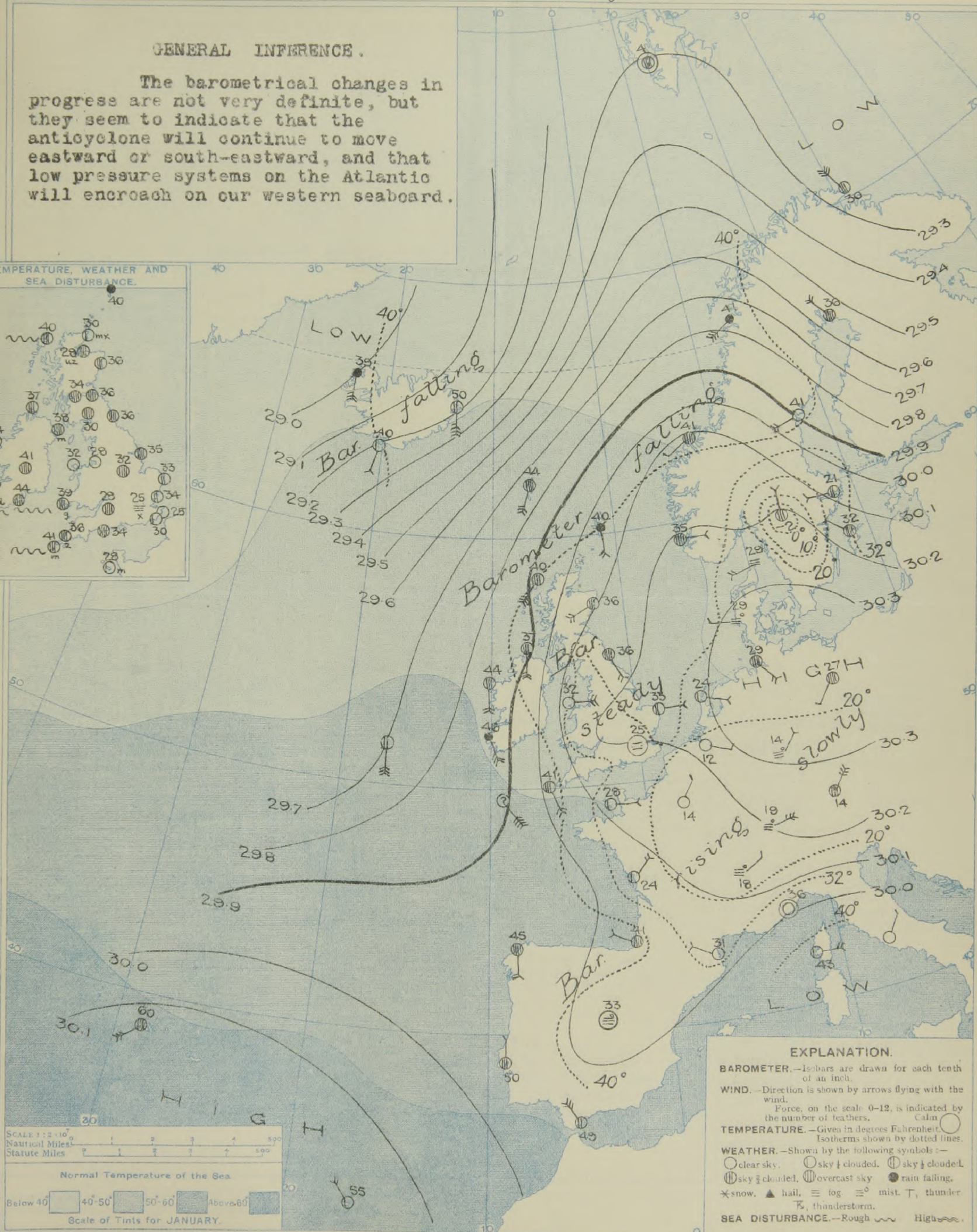
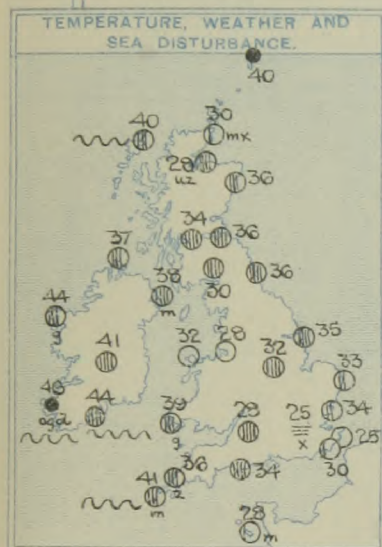
Wind fresh to high, between South and East; some rain, sleet or snow; temperature below normal.

Wind mainly South-Easterly, moderate to high; sea rough; some mist; rain, sleet or snow later.

SYNOPTIC CHART FOR 7 a.m., Friday, 23rd JANUARY, 1914.

GENERAL INFERENCE.

The barometrical changes in progress are not very definite, but they seem to indicate that the anticyclone will continue to move eastward or south-eastward, and that low pressure systems on the Atlantic will encroach on our western seaboard.



DAILY WEATHER REPORT.

Friday, 23rd January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- -THEN.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- -THEN.
	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).	
23rd Jan.	51	16	<u>Olympic</u>	O	29.70	-.02	S	6-7	bc										
"	49	9	<u>St Paul</u>	H	? 29.85	+ .05	SE	8-9	?	22nd 6pm	45 57	7 26	H.M.S.	O	29.95	-	E	3	c
22nd 6pm	49	18	<u>Samland</u>	H	? 29.53	+ .03	NW	6-7	r				Dry bulb 47°		Sea disturbance 4.				
"	51	16	<u>Alania</u>	H	29.47	+ .02	SSE	6-7	r	1pm	51	16	<u>Baltic</u>	H	29.64	+ .06	SSE	6-7	r
"	49	16	<u>St Paul</u>	H	? 29.48	-.01	ESE	12	r	7am	49	21	<u>Samland</u>	H	? 29.44	+ .01	S	4-5	c
"	51	12	<u>Baltic</u>	H	29.70	+ .02	SSE	6-7	r	"	49	21	<u>St Paul</u>	H	? 29.47	+ .05	S	4-5	b
										"	50	18	<u>Baltic</u>	H	29.52	.00	SSE	6-7	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.	{	Margate	In.	F.°	F.°			Hr.
	(St. Andrews)	"	57	35	o.b.c.	o	0.0		Ramsgate	"	34	30	o	o	0.1
Eng. N.E.	(Harrogate)	"	37	31	c.o	c.o	0.0	{	Folkestone	"	33	30	"	"	0.1
	(Scarborough)	"	41	36	of	of	0.2		Littlestone	"	35	30	b	b	1.0
Eng. N.W.	(Morecambe)	"	38	32	c.b	b.c.	0.5	{	Hastings	"	33	29	b.c.b	b	6.0
	(Blackpool)	"	38	33	ome	ome	0.0		Bexhill-on-Sea	"	34	30	b.c.b	b	5.3
	(Southport)	"	38	34	og	o.c.o	0.0		Eastbourne	"	33	31	b.c	b	5.0
									Seaford	"	33	29	b.c	b	5.1
Mid- lands.	(Buxton)	"	34	31	"	"	0.8	{	Brighton	"	35	29	o.c.b.c	b.c.b	1.4
	(Leamington Spa)	"	37	33	o	o	0.1		Worthing	"	35	28	c.b.c	b	4.0
	(Malvern)	"	36	32	o	o	0.0		Littlehampton	"	"	"	"	"	4.0
									Southsea	"	36	30	o	o	3.0
Wales.	(Rhyl)	"	38	31			0.0	{	Ryde	"	34	32	"	"	1.5
	(Colwyn Bay)	"	38	32	b.c.b	b.c	0.6		Ventnor	"	39	30	"	"	2.4
	(Llandudno)	"	39	34	o	o	1.6		Bournemouth	"	35	29	o.c	o	1.4
	(Bettws y Coed)	"	36	33	o.c.o	o.c	1.0		Hythe	"	29	28	b	b	3.3
	(Aberystwyth)	"	36	34	o	o	0.0		Weymouth	"	35	32	o.c	c.b.c	0.1
England, E.	(Tenby)	"	36	34			0.0	{	Exmouth	"	35	32	b.c.o	o.b.c	0.0
	(Lowestoft)	0.02	37	33	o	o	0.0		Teignmouth	"	37	33	c	c	0.0
	(Felixstowe)	"	36	34	o	o	0.0		Torquay	"	38	34	o	o	0.0
	(Walton-on-Naze)	"	35	34	og.c	c.og	0.0		Paignton	"	37	34	o	os.o	0.0
	(Southend-on-Sea)	"	35	32	b.c	b.c	1.0		Falmouth	"	39	34	o	o	0.0
									Bude	"	36	31	o	c	0.0
							{	Ilfracombe	"	35	29	o	o	0.0	
								Weston-super-Mare	"	36	28	c.b.c	b.c.b.c	0.2	

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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	71	91	0.6	37	22	9	"	bc	bc
City (Bunhill Row) ...	"	"	0.0	"	"	"	"	"	"
Westminster (St. James's Pk.)	76	86	0.0	36	29	25	"	m.o	fx
Camden Sq. (Brit. Rainfall)	76	90	0.0	36	22	19	"	o	"
Hampstead (Reservoir) ...	"	93	0.0	34	21	10	"	o.c	bc.b
Richmond Park ...	"	"	0.5						
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.)				108 Joules		3.3 Milliwatts			

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.		Hr.
Plymouth to 9 p.m.	"	37	35	35	o	o
Darwen "	"	36	32	32	cb	o
Manchester "	"	36	32	31	ogu	o.b
Birmingham "	"	41	35	"	o	bc.c
Oxford to 8 p.m.	"	36	33	30	"	o
S. Kensington (Museum Grounds to 6 p.m.)	"	36	33	31	o	o
		37	34	26	og	o.og

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 46° at Valencia, but remained below 40° over the Kingdom generally, and below 30° in some parts of Kent. Much bright sunshine was recorded at some stations on the south-east coast and also at Jersey and along the east coast of Scotland, elsewhere there was little or none.

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

STATIONS.	23rd & 24th Jan. 1914.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.50	G.M.T. 12.5	G.M.T. 4.20
Greenwich ...	7.49	12.5	4.21
Wick ...	7.52	12.12	4.31
Valencia ...	8.39	12.24	4.9
	8.38	12.24	4.11
	8.36	12.53	5.10
	8.35	12.53	5.11

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.

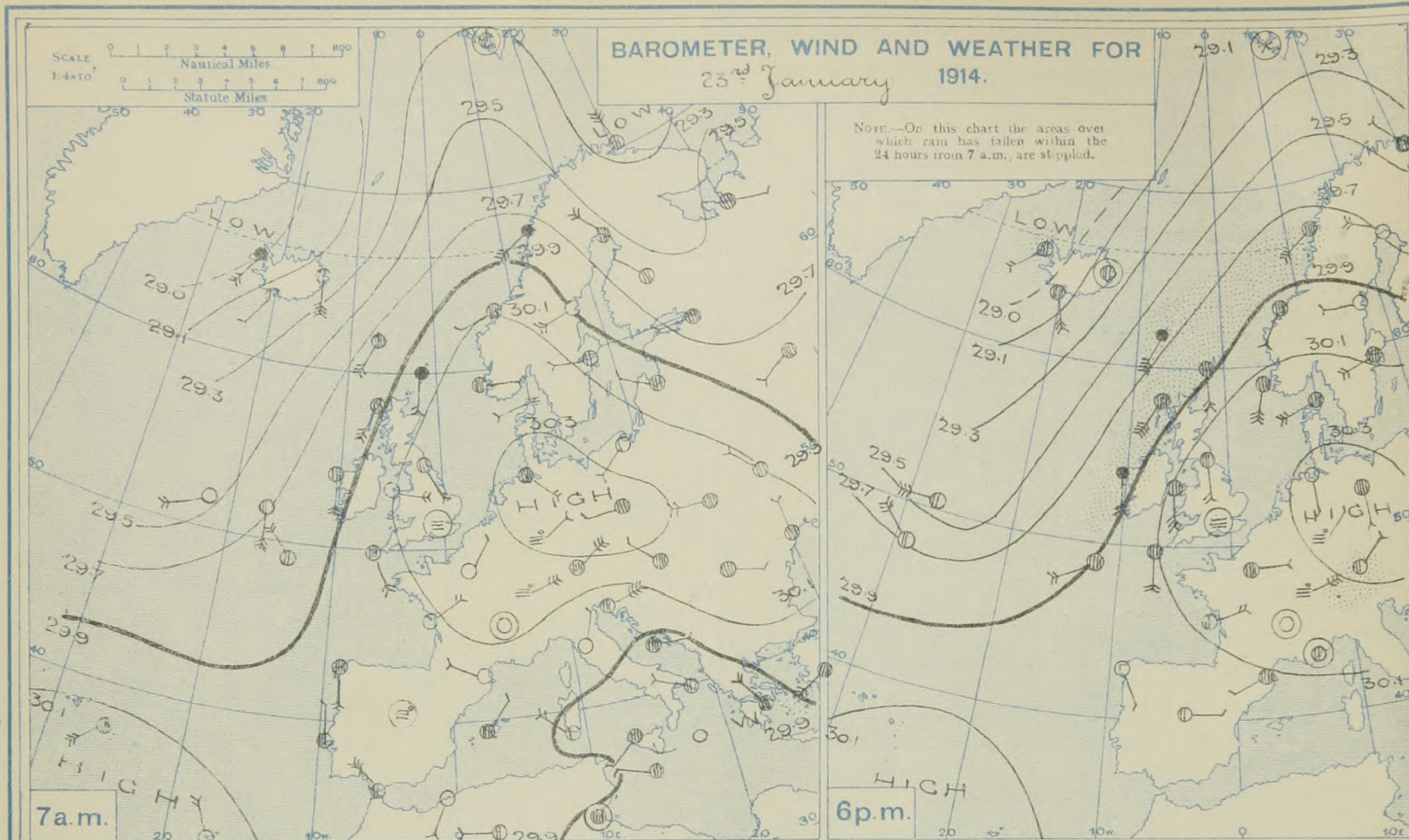
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
24th January, 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.	Dir.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Dir.	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 ...	29.85	40	S	4	og	29.65	-0.05	44	+4	SSE	5	ou	4	0.01	44	38	og	og	bc. opq	Hours.			
	Stornoway ...	29.79	42	SSW	8	odq	29.64	-0.04	46	+6	SSW	8	odq	7	0.10	46	39	og	odq	edq	0.0			
	Castlebay (Barra Isd.)	29.78	45	SSE	6	ogp	29.69	-0.02	48	+8	SSW	5	op	6	0.04	48	42	og	ogp	qu. op	0.0			
	Glasgow ...	30.06	36	S	3	ogz	29.90	-0.03	44	+10	SW	4	o	*	0.03	44	33	o	o	op	0.0			
	Eskdalemuir ...	30.11	31	S	3	o	29.99	-0.03	38	+8	SSW	5	od	*	Trace	38	28	o c b m	b m c o	od. o	0.4			
	Malin Head ...	29.80	42	S	7	c	29.73	-0.01	45	+8	S	6	o	*	Trace	45	35	cmq	cmq	og	*			
	Blackod Point ...	29.78	46	S	3	op	29.70	-0.01	49	+5	SSW	6	ormq	5	0.16	50	43	cqp	cqp	opmq	*			
	Valencia ...	29.89	48	SSE	3	om	29.89	-0.02	50	+4	S	5	orm	4	0.43	50	44	omd	omd	orm	*			
	Roche's Point ...	29.98	46	S	6	o	30.01	*	47	+3	S	3	o	4	0.03	47	43	om	opm	op. c	*			
	Birr Castle ...	29.94	44	S	4	c	29.91	*	48	+7	S	2	o	*	0.03	48	40	c	c	om. o	1.0			
	Donaghadee ...	30.00	42	S	3	om	29.94	-0.03	45	+7	S	3	or	3	0.01	45	38	om	om	om. or	*			
	Liverpool Obsy. ...	30.15	30	SE	3	b	30.12	0.00	35	+7	SE	2	o	2	-	36	28	bm	b	b. o	5.5			
	Holyhead ...	30.11	39	S	5	omq	30.05	-0.02	43	+11	SSW	6	omq	5	-	44	32	om	om	omq	0.0			
	Pembroke (St. Ann's Hd.)	30.10	43	S	5	c	30.09	-0.01	46	+7	SSW	5	omq	5	Trace	46	38	cg	og. cgm	cgm	0.0			
	Newquay ...	30.12	37	SE	2	oz	30.19	+0.01	39	+3	S	3	om	?	-	42	33	c. bz	oz. bc. o	bc. om	3.2			
	Scilly (St. Mary's) ...	30.09	44	S	4	om	30.16	+0.01	47	+6	S	4	cm	5	-	47	40	cm	cm	bc. m	0.0			
	Jersey (St. Aubin) ...	30.17	34	E	2	b	30.28	*	27	-1	E	2	bcm	1	-	40	25	bm	bm	bm. x	6.9			
	Portland Bill ...	30.17	39	ENE	4	bz	30.27	+0.01	40	+6	SSW	2	c	3	-	40	33	o. c. bc	b.	b. bc. c	*			
	Dungeness ...	30.19	33	E	1	bm. x	30.27	+0.02	31	+1	SSE	2	o	2	-	35	30	bm	bm	bm. x	*			
	Dover ...	30.20	30	-	0	bx	30.29	*	30	+5	SSW	2	bcx	4	-	34	25	x. z. b	b. z. c	x. z. bc. x	6.2			
Wick ...	29.89	39	S	4	c	29.71	-0.03	44	+14	SSW	5	cmq	5	Trace	44	29	bm. cmq	cm	omq. pd	*				
Nairn ...	29.89	39	WSW	2	bcz	29.72	*	43	+5	WSW	3	opg	2	0.02	44	27	og	ph. cz	bcz	0.0				
Aberdeen ...	29.99	35	SSW	5	bc	29.85	-0.03	41	+5	SSW	3	o	3	-	41	35	c. b. bc	bcz	bcz. og	0.1				
Leith ...	30.05	36	SSW	3	o	29.89	-0.05	42	+6	SSW	4	o	*	-	43	35	o. c	c. o	c. o	*				
North Shields ...	30.11	32	S	3	cz	30.04	-0.02	34	-2	S	3	cx	2	-	36	28	cz	c	og. c	*				
Spurn Head ...	30.18	33	SSW	2	bc	30.17	0.00	32	-3	SSW	4	bc. mx	3	-	38	29	bc	bc	bc. mx	5.5				
Yarmouth ...	30.20	35	ESE	2	b	30.28	0.00	27	-6	SW	1	bc	1	-	36	26	b	b	b. bc	7.3				
Clacton-on-Sea ...	30.20	35	E	2	bm	30.28	+0.03	27	-7	WNW	1	bc. mx	1	-	39	26	bc. b	bm	b. bc. mx	6.2				
Nottingham ...	30.22	29	S	1	b	30.20	*	28	-4	SW	1	om. x	*	-	36	22	o. c. b	bm	bm. x	4.0				
Bath ...	30.19	29	E	-	b	30.26	*	23	-5	E	1	o	*	-	38	20	om. b	bm	c. om. z	6.5				
London (Kew Obsy.) ...	30.21	27	-	0	fx	30.28	+0.04	20	-5	-	0	fx	*	-	31	19	fx	fx	fx	0.0				
ICELAND, FAEROE, &c.	Spitzbergen ...	29.21	7	-	0	s	28.93	-0.08	7	+3	-	0	b	*	?	7	3							
	Isafjord ...	28.97	37	SW	3	c	28.72	0.00	38	-1	-	0	b	*	*	*	*							
	Reykjavik ...	28.98	41	SSE	2	o	28.66	-0.03	37	-2	SE	2	c	*	*	*	*							
	Vestmanna ...	29.02	42	SSE	6	o	28.73	-0.03	37	-3	SSW	2	r	4	*	*	*							
	Seydisfjord ...	29.17	41	-	0	c	28.80	-0.02	37	-13	-	0	b	*	*	*	*							
	Thorshavn ...	29.34	45	S	7	r	29.28	+0.02	47	+3	SW	6	o	*	*	*	*							
	Stornoway.																							
SCANDINAVIA.	Haparanda ...	29.61	36	WNW	4	b	29.56	-0.03	26	-10	WNW	2	c	*	-	37	25							
	Hernösand ...	29.91	33	W	2	b	29.86	-0.02	28	-13	WNW	1	b	*	-	41	25							
	Stockholm ...	30.06	25	WSW	4	o	30.00	+0.01	24	+3	W	2	o	*	-	28	21							
	Wisby ...	30.15	33	NW	4	o	30.10	+0.03	35	+3	WNW	4	o	*	-	36	30							
	Karlstad ...	30.13	18	-	0	o	30.05	-0.02	18	+20	-	0	f	*	-	19	-2							
	Vardö ...	29.34	30	WNW	2	o	29.23	-0.10	36	+6	NW	2	r	2	?	36	12							
	Bodö ...	29.78	39	SW	6	o	29.57	-0.10	40	-1	SSW	3	c	2	-	41	36							
	Christiansund ...	29.93	40	SSW	1	o	29.75	-0.07	38	-3	ESE	1	o	4	-	43	37							
	Skudesnaes ...	30.12	39	SSW	1	o	29.97	-0.04	41	+6	S	8	o	5	-	39	35							
	Færder (K'lania Fjord) ...	30.12	20	-	0	f	30.04	-0.04	23	0	W	1	f	2	-	23	19							
GERMANY, &c.	The Scaw (Skagen) ...	30.19	33	WSW	4	o	30.13	-0.02	33	+4	WSW	7	o	2	-	34	28							
	Blaavands Huk ...	30.30	30	S	1	o	30.25	-0.01	32	+3	WSW	2	o	1	-	32	28							
	Cuxhaven ...	30.33	24	S	2	o	30.31	0.00	17	-12	S	2	mx	0	-	29	16							
	Berlin ...	30.36	28	S	2	o	30.37	0.00	15	-12	S	1	b	*	-	30	15							
	Frankfurt ...	30.32	23	NE	1	m	30.45	+0.04	13	-1	NE	1	m	*	-	25	12							
	Munich ...	30.33	12	NE	2	bc	30.49	+0.08	14	0	SSW	2	f	*	Trace	18	10							
	The Helder ...	30.27	27	ESE	1	b	30.30	+0.01	18	-6	S	2	m	1	-	30	18							
FRANCE.	Brussels ...	30.25	25	ENE	1	b	30.32	0.00	19	+7	S	2	b	*	-	30	12							
	C. Gris Nez ...	30.18	26	E	4	m	30.32	+0.04	24	+5	SSW	4	m	2	-	34	19							
	La Hève ...	30.17	28	E	2	m	30.30	*	20	0	ENE	2	m	1	-	34	18							
	Ushant ...	30.18	38	SSE	2	b	30.23	*	41	+4	S	5	bc	5	-	41	36							
	Brest (St. Mathieu) ...	30.20	37	E	2	c	30.26	+0.03	36	+4	SE	2	m	5	-	41	32							
	Lorient (Bec Melen) ...	30.12	30	ENE	3	bc	30.26	+0.02	24	0	E	2	m	*	-	34	23							
	Rocheport (Ile d'Ala) ...	30.08	42	E	2	o	30.21	+0.04	39	-2	E	2	o	4	-	45	36							
	Biarritz ...	30.21	23	ENE	1	o	30.24	+0.03	12	-2	-	0	b	*	-	25	12							
	Paris ...	30.26	20	ENE	6	m	30.43	*	16	-3	ENE	4	m	*	-	23	16							
	Belfort ...	30.16	27	N	1	b	30.42	*	19	+1	NE	1	f	*	-									

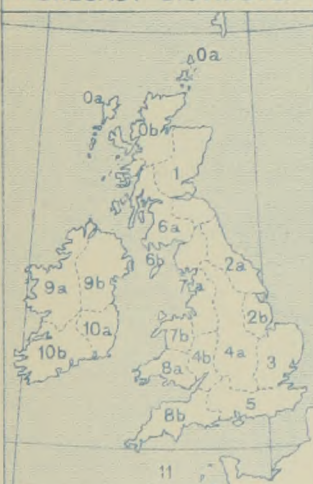
Information for these columns not usually received.

† 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.	South Cone.
North Cone.	North Cone.

Western Channel and Bay. 11

FURTHER OUTLOOK.

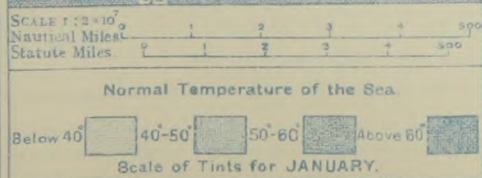
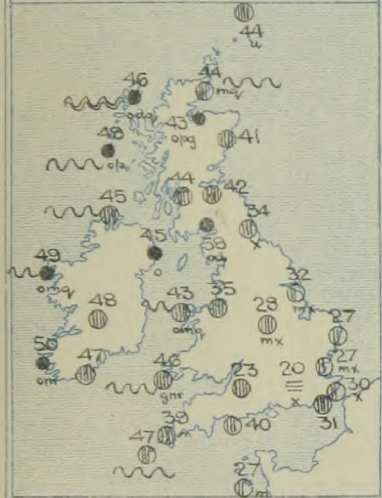
- | | |
|---------------|---|
| 0 { a }
b | Wind Southerly or South-Westerly, fresh or strong, high in places; much cloud, some rain and mist; moderately mild. |
| 1 { a }
b | |
| 2 { a }
b | |
| 3 { a }
b | Wind mainly from the Southward or South-Westward, of little force; cold, with mist locally, then becoming milder and cloudy. |
| 4 { a }
b | |
| 5 { a }
b | |
| 6 { a }
b | |
| 7 { a }
b | |
| 8 { a }
b | Southerly and South-Westerly winds, light or moderate, fresh or strong locally; cloudy or overcast, some rain and mist; mild. |
| 9 { a }
b | |
| 10 { a }
b | |
| 11 { a }
b | Southerly winds, light to fresh; cloudy or overcast, some mist; milder. |

SYNOPTIC CHART FOR 7 a.m., Saturday, 24th JANUARY, 1914.

GENERAL INFERENCE.

The fall of the barometer which has recommenced in the south-west of Ireland is likely to continue for a time and to extend to the whole Kingdom, bringing about a milder condition in the east and south-east of England.

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 ~~~~~ High ~~~~~

DAILY WEATHER REPORT.

Saturday, 24th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-ward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-ward. 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.	
24th. 7am.	50	27	Olympic	O	29.56	+0.06	W	6-7	0	23rd. 6pm	51	21	Tunisian	H	29.47	+0.01	WSW	4-5	6
" "	50	12	Ascania	O	29.83	-0.07	S	6-7	0	" "	49	11	Samland	H	29.47	+0.05	WSW	4-5	0
" "	55	9	Sardinian	H	29.70	+0.01	SSW	6-7	0	" "	55	14	Sardinian	H	29.60	-0.02	S	6-7	bc
23rd. 6pm.	48	29	Marquette	O	29.71	+0.02	WNW	6-7	bc	" "	51	15	Grampian	O	29.75	+0.12	W	6-7	6
" "	50	27	Tunisian	H	29.40	+0.01	W	6-7	bc	" "	49	14	Samland	H	29.57	+0.04	NW	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 ...	-	40	36	o.c.p.	o	0.0	{ Ramsgate ...	-	36	27	b	b	57
{ St. Andrews ...	-	37	32	o	o	0.2	{ Folkestone ...	-	35	30	*	*	6.2
Eng. N.E.							{ Littlestone ...	-	37	28	b	*	3.9
{ Harrogate ...	-	31	38	o.c.m	c.b.c	0.0	{ Hastings ...	-	35	24	b	b	5.0
{ Scarborough ...	-	36	28	o	o	1.8	{ Bexhill-on-Sea ...	-	36	25	b	b	7.0
Eng. N.W.							{ Eastbourne ...	-	36	23	bc	b	5.1
{ Morecambe ...	-	33	30	bc	bc.o	1.5	{ Seaford ...	-	36	21	b	b	5.7
{ Blackpool ...	-	33	28	m.	b	5.0	{ Brighton ...	-	37	24	bm.bc	bc.cm	5.5
{ Southport ...	-	33	28	b	b	6.1	{ Worthing ...	-	36	24	b	bc	6.3
Mid- lands.							{ Littlehampton ...	-	37	25	*	*	6.3
{ Buxton ...	-	34	26	bc	b	5.5	{ Southsea ...	-	37	25	b	bcg	5.5
{ Leamington Spa ...	-	37	27	c.bc	b	6.0	{ Ryde ...	-	36	30	*	*	4.3
{ Malvern ...	-	34	27	b	b	6.1	{ Ventnor ...	-	40	29	*	*	5.9
Wales.							{ Bournemouth ...	-	37	28	b	b	5.6
{ Rhyl ...	-	35	24	b	b	6.3	{ Hythe ...	-	35	24	bm	bf	4.2
{ Colwyn Bay ...	-	37	27	bc.b	b.bc	6.8	{ Weymouth ...	-	37	25	b	bm	4.6
{ Llandudno ...	-	37	27	b	b	6.1	{ Exmouth ...	-	41	35	c	c.bc	0.0
{ Bettws-y-Coed ...	-	40	24	c.c.b	bc.c	6.5	{ Teignmouth ...	-	42	35	o	c.bc	0.2
{ Aberystwyth ...	-	41	39	o	o	0.0	{ Torquay ...	-	42	34	o	bc	0.0
{ Tenby ...	-	39	21	b	b	7.1	{ Paignton ...	-	43	39	o.c	c.o	1.1
England, E.							{ Falmouth ...	-	42	29	bc	bc	3.9
{ Lowestoft ...	-	37	29	b	b	6.6	{ Bude ...	-	39	28	bc	bc	5.5
{ Felixstowe ...	-	37	32	bm	bm	6.3	{ Ilfracombe ...	-	36	25	b	bm	5.5
{ Walton-on-Naze ...	-	40	28	b	b	6.3	{ Weston-super-Mare ...	-	36	25	b	bm	5.5
{ Southend-on-Sea ...	-	40	28	b	b	6.3							

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 ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%	Hr.	F.°	F.	F.°	in.	bm	b	bx	Dublin to 4 p.m.	in.	F.°	F.°	F.°				Hr.	
City (Bunhill Row) ...	72	97	5.0	37	20	4	-	*	*	*	-	-	44	36	36	o	a.c.b	bc	*	
Westminster (St. James's Pk.)	72	-	0.1	37	20	22	-	m.b	bm	fx.m	Plymouth to 9 p.m.	-	42	34	29	bc	b	bc	3.3	
Camden Sq. (Brit. Rainfall)	80	95	0.0	34	21	19	-	bm	bm	*	Darwen	-	34	26	24	a.bc	bc	bc	2.8	
Hampstead (Reservoir)	*	*	3.0	34	19	9	-	bc.b	b	bf	Manchester	-	37	29	*	c.bc	bc	b.bc	4.1	
Richmond Park	*	*	0.0								Birmingham	-	34	27	25	*	b	b	-	
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.)	80	90	0.0	14.0 Joules		4.5 Milliwatts.		11.5 Milliwatts.			S. Kensington (Museum Grounds to 6 p.m.)	-	37	29	13	cmpt	f	fx		

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 32° at Kew and Harrogate, and below 35° at many other English stations. Severe frost occurred at night in the metropolitan district. At Kew and Hampstead the minimum was 19°, and at Greenwich the thermometer exposed on the grass fell to 4°. Much bright sunshine was recorded in England, about 7 hours at some places on the south-east and east 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.

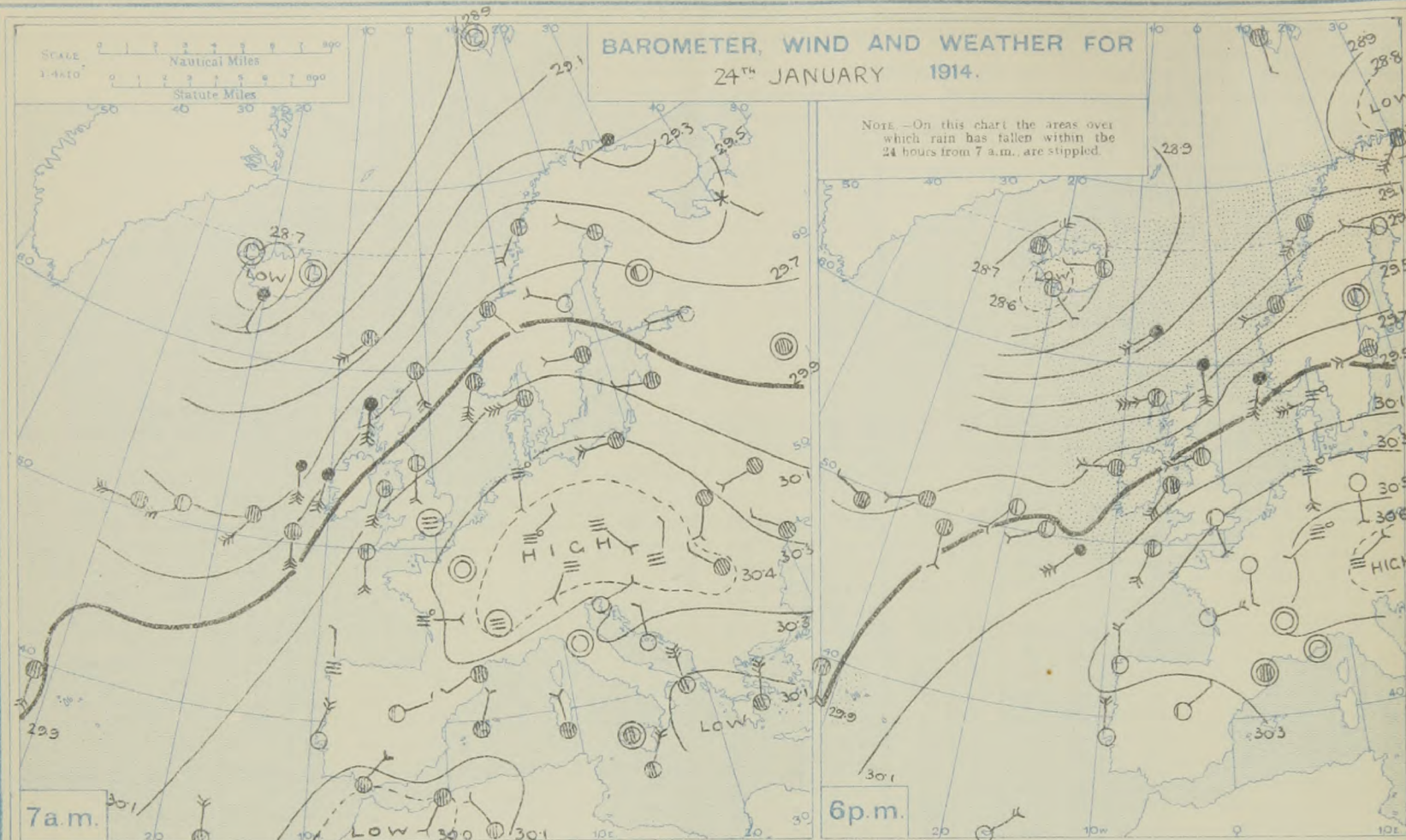
Sunday,
25th January, 1914.

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).	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.		
BRITISH ISLANDS.	Lerwick ...	29.37	46	S	6	org	29.54	+0.3	46	+2	S	8	cg	6	0.19	47	44	c	org	cgpl	Hours	
	Stornoway ...	29.48	50	WSW	8	cg	29.71	-0.4	45	-1	WSW	5	og	5	0.32	52	42	org	orgp	c.og	0.0	
	Castlebay (Barra Isd.)	29.59	49	SW	4	o	29.73	-0.4	47	-1	S	4	op	5	0.06	52	47	op	op	pbc.og	0.0	
	Glasgow ...	29.76	48	SSW	5	odg	29.87	-0.6	43	-1	S	1	or	*	0.24	50	42	odp	od	pbc.og	0.0	
	Eskdalemuir ...	29.87	43	SSW	7	rg	29.91	-0.6	44	+6	SSW	5	or	*	0.40	46	37	odmg	ommg	od	0.0	
	Malin Head...	29.64	50	WSW	7	cg	29.75	-0.9	43	-2	SE	2	o	3	0.15	51	43	cmgpb	ommg	omr	*	
	Blackod Point	29.80	50	W	3	om	29.68	-1.2	51	+2	WSW	6	ogmr	4	0.29	53	44	omgpb	ogm.og	cm.omp	*	
	Valencia ...	29.93	53	SSW	4	omr	29.89	-0.2	53	+3	S	6	omg	5	0.47	53	50	omr	omr	omr	0.0	
	Roche's Point	30.02	48	SW	5	rf	30.02	*	49	+2	SW	4	o	5	0.49	49	43	omr	ofd	rf.d.m	*	
	Birr Castle ...	29.90	53	SSW	4	o	29.88	*	54	+6	SSW	5	o	*	0.07	54	47	cm.c	cd.o	o	0.0	
	Donaghadee ...	29.81	50	SW	3	c	29.89	-0.6	48	+3	SW	2	omp	3	0.28	51	45	omd	cp	cp.omp	*	
	Liverpool Obsy...	30.08	45	SSE	3	o	30.06	-0.3	50	+15	S	4	oe	3	0.01	51	34	c.bc	c.op	o	0.7	
	Holyhead ...	30.02	48	SSW	6	omeg	30.01	-0.1	49	+6	SSW	5	odfg	4	0.36	49	42	omg	omeg	oerfg	0.0	
	Pembroke (St. Ann's Hd.)	30.12	48	SSW	6	o	30.11	-0.3	49	+3	SSW	6	ogm	6	Trace	49	45	ogm	ogm	ogm.g.m	0.0	
	Newquay ...	30.21	46	SSE	4	o	30.23	0.0	49	+10	SW	4	ome	3	-	50	38	b.bc	o	ome	1.8	
	Scilly (St. Mary's)	30.17	50	SSW	4	cm	30.18	-0.1	50	+3	SSW	5	om	5	-	50	46	cm	cm	om	0.1	
	Jersey (St. Aubin)	30.35	35	SE	3	bm	30.44	*	34	+7	S	4	om	4	-	39	27	bm	bm	bcm.x.o	5.8	
	Portland Bill	30.27	44	SW	3	bc	30.30	+0.1	43	+3	SW	4	b	4	-	45	42	bc	bc	bc.b	*	
	Dungeness ...	30.33	34	S	3	c	30.37	+0.1	37	+6	SW	4	o	4	-	38	29	c.o	o.c	c.b.x.o	*	
	Dover ...	30.31	32	SW	4	bc	30.35	*	35	+5	SW	6	o	6	0.01	37	30	bex.o	o.c.bc	bc.c.x.o	0.3	
	Wick ...	29.44	47	S	5	c	29.74	+0.3	43	-1	SW	3	om	4	Trace	50	39	cg	cg.pd	cmg.om	*	
	Nairn ...	29.50	50	SW	5	cgg	29.76	*	43	o	W	1	ou	1	0.03	50	40	bc	cg.p	og	0.3	
	Aberdeen ...	29.64	49	SSW	4	o	29.84	-0.1	42	+1	SSW	3	o	3	-	52	40	og	og.c	c.b.c.o	0.0	
	Leith ...	29.74	52	SSW	4	o	29.84	-0.6	45	+3	ESE	1	o	*	0.02	53	45	og.o	o.op	cp.c.o	*	
	North Shields	29.94	48	SW	3	c	29.95	-0.3	49	+15	SW	3	o	3	0.07	49	38	r	r.c	o.bc	0.0	
	Spurn Head	30.10	37	SW	5	b	30.09	-0.1	42	+10	SW	5	op	4	Trace	42	30	bcm	bcm	b	2.2	
Yarmouth ...	30.26	31	SW	2	f	30.26	0.0	35	+8	SW	2	bex	1	-	36	25	bc	bc	bex	1.2		
Clacton-on-Sea	30.29	33	SSW	3	bm	30.31	-0.2	36	+9	SSW	3	c	2	-	36	25	bc.cm	c.bcm	bcm.x.c	0.0		
Nottingham...	30.18	37	SW	3	b	30.16	*	44	+16	SW	4	o	*	0.01	44	26	o.cm	bc.bm	bc.c	2.4		
Bath ...	30.28	36	WSW	1	c	30.26	*	46	+23	SW	5	o	*	-	47	23	om.cbc	c.om	m.c.og	4.6		
London (Kew Obsy.)	30.30	32	SSE	2	bmx	30.31	0.0	39	+19	SSW	3	o	*	0.01	39	19	fx	fac.bmx	bmx.bcd	0.0		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.02	-17	S	1	o	29.12	+0.5	-4	-11	SSE	3	o	*	-	7	-17					
	Isafjord...	28.69	34	NE	5	o	28.99	+0.8	26	-12	NE	6	o	*	*	*	*					
	Reykjavik ...	28.54	37	E	4	o	28.82	+0.8	33	-4	-	o	S	*	*	*	*					
	Vestmanna ...	28.55	38	SE	1	bc	28.82	+0.8	38	+1	SSW	4	c	7	*	*	*	*				
	Seydisfjord ...	28.72	37	W	1	c	28.88	+0.8	33	-4	E	1	S	*	*	*	*					
SCANDINAVIA.	Thorsbavn ...	29.02	44	SW	5	r	29.28	+0.6	44	-3	W	6	o	*	*	*	*					
	Haparanda ...	29.35	24	WNW	2	b	29.90	-0.9	32	+6	SW	4	r	*	0.04	32	21					
	Hernösand ...	29.63	26	-	o	bc	29.14	-1.4	36	+8	SW	6	bc	*	-	36	21					
	Stockholm ...	29.86	35	W	4	o	29.55	-0.4	37	+13	WSW	6	o	*	-	37	23					
	Wisby ...	30.04	32	WSW	4	c	29.78	-0.7	34	-1	SW	8	o	*	Trace	36	30					
	Karlstad ...	29.89	35	W	4	o	29.62	0.0	40	+22	W	4	o	*	-	41	18					
	Vardö ...	28.80	35	SW	8	o	28.61	-1.2	34	-2	WSW	2	r	2	?	36	25					
	Bodö ...	29.19	43	SW	7	o	28.55	-3.4	39	-1	S	4	r	2	0.12	43	34					
	Christiansund ...	29.42	46	WSW	3	o	29.19	-0.2	44	+6	W	10	r	7	0.35	46	34					
	Skudesnaes ..	29.78	43	SSW	8	r	29.77	+0.4	45	+4	WSW	8	c	6	0.32	45	34					
GERMANY, &c.	Færder (K'lania Fjord)	29.85	37	SW	6	m	29.65	+0.6	41	+18	SW	6	m	4	-	41	23					
	The Scaw (Skagen)...	30.00	37	WSW	7	m	29.83	+0.4	43	+10	WNW	7	m	2	-	43	32					
	Blaavands Huk ...	30.15	37	SW	4	m	30.11	+0.2	41	+9	WSW	4	o	2	0.04	41	30					
	Cuxhaven ...	30.29	26	S	4	m	30.28	+0.2	25	+8	SW	5	ox	3	-	30	17					
	Berlin ...	30.29	25	S	2	b	30.41	+0.1	20	+5	S	2	b	*	-	28	14					
	Frankfurt ...	30.53	23	SW	1	m	30.62	+0.3	14	+1	-	o	m	*	-	23	13					
	Munich ...	30.60	10	NE	2	f	30.71	+0.4	16	+2	SSW	2	b	*	-	18	5					
	The Helder ...	30.30	31	S	4	b	30.31	0.0	36	+18	SSW	5	o	2	-	37	18					
	Brussels ...	30.41	26	SSW	2	b	30.47	+0.2	25	+6	S	2	b	*	-	31	18					
	FRANCE.	C. Gris Nez...	30.33	31	SSW	5	m	30.38	+0.1	35	+11	SSW	5	o	4	-	35	24				
La Hève ...		30.34	30	SE	2	m	30.45	*	28	+8	SSE	2	m	1	-	32	20					
Ushant...		30.30	47	SSE	5	bc	30.34	*	33	-8	S	5	o	5	-	47	33					
Brest (St. Mathieu) ...		30.34	43	SE	4	o	30.38	0.0	45	+9	SSE	4	o	3	-	45	36					
Lorient (Bec Melen)...		?	36	SE	2	m	?	*	36	*	ESE	2	m	3	-	39	32					
Rochefort (Ile d' Aix)		30.39	32	ESE	3	b	30.49	+0.1	29	+5	ESE	3	b	3	-	32	23					
Biarritz ...		30.32	41	E	3	o	30.43	+0.1	35	-4	E	3	b	2	-	45	32					
Paris ...		30.43	25	S	1	b	30.53	+0.1	16	+4	S	1	b	*	-	32	12					
Belfort ...		30.50	26	-	o	m	30.68	*	19	+3	-	o	m	*	-	33	16					
Lyons ...		30.50	32	-	o	b	30.67	*	24	+5												

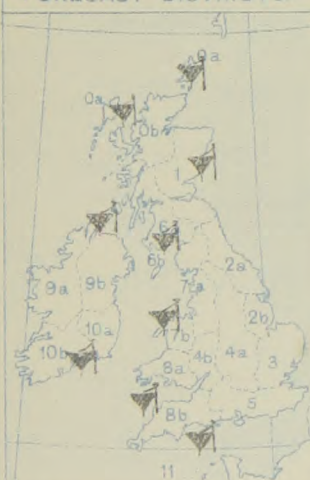
GALES.

Duration and Extremity Force
in British Islands

Lerwick 1 a.m. - 7 a.m.



FORECAST 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

STORM WARNINGS.

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

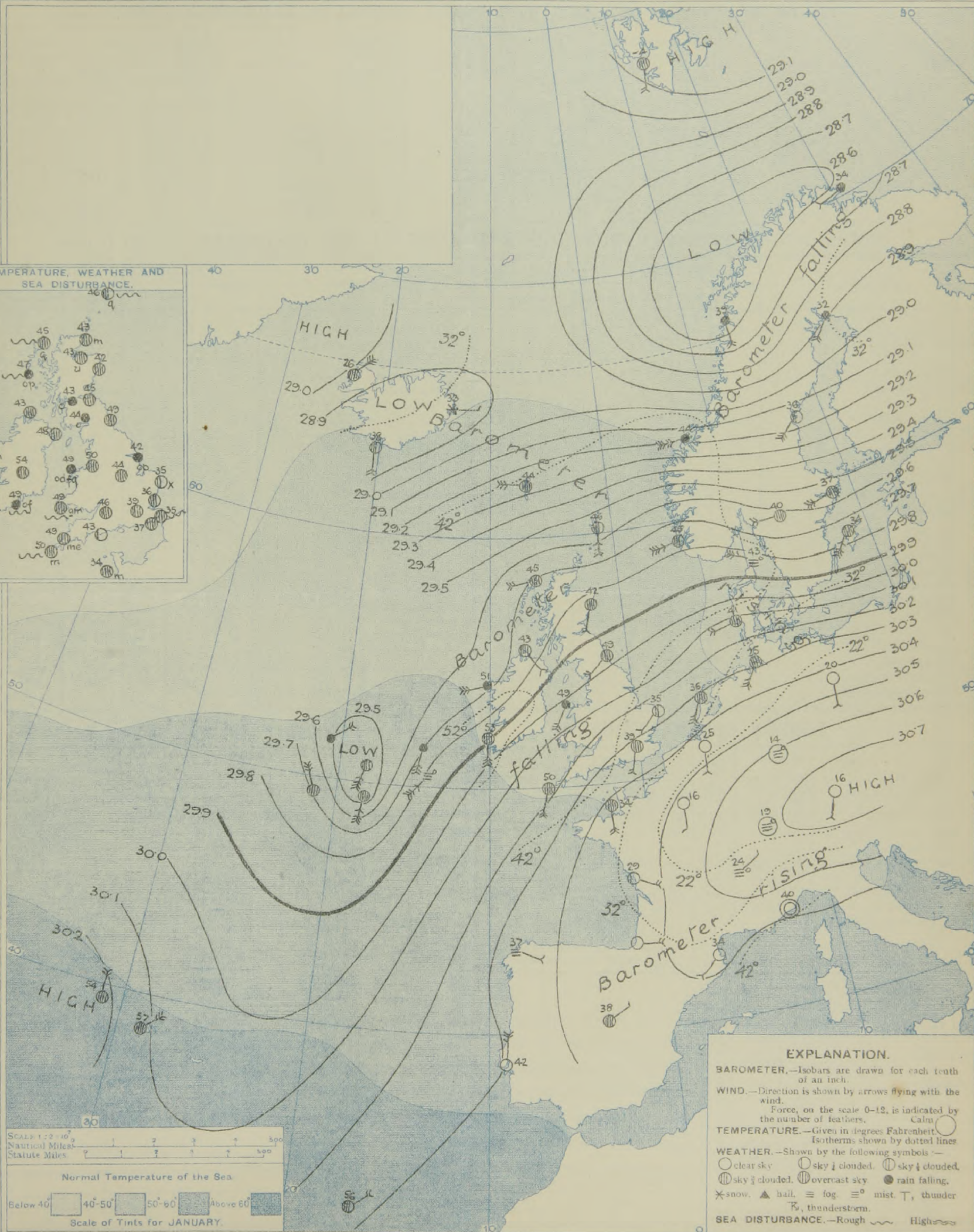
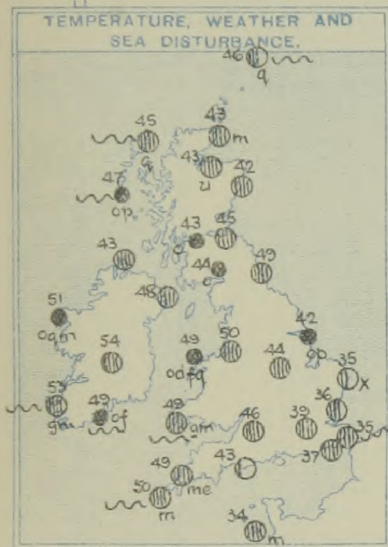
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**SOUTH CONE HOISTED
IN DISTRICTS 0, 1, 8, 6-11.
AT 8:35 A.M. TO-DAY.**

Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., SUNDAY, 25TH JANUARY, 1914.



DAILY WEATHER REPORT.

Sunday, 25th January, 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.	
24th, 6 p.m.	49	31	Olympic	O	29.67	-0.4	WNW	1-3	0	24th, 6 p.m.	50	12	Mount Royal	O	29.85	-0.7	SW	8-9	m
"	50	27	Strampian	O	29.70	-0.8	WSW	4-5	0	"	49	12	Manitou	O	30.02	0	SW	6-7	r
"	49	25	Marquette	H	29.79	-0.1	S	4-5	0	"	51	11	Cameronia	H	29.95	+0.1	SW	4-5	r
"	51	19	Tunisian	H	29.85	+0.5	SW	4-5	0	" 1 p.m.	49	11	Manitou	O	30.08	-0.1	SSW	6-7	0
"	51	17	Gymnuc	O	29.90	+0.5	W	1-3	0	" 1 a.m.	51	23	Strampian	O	29.45	-0.6	WSW	6-7	bc
"	50	15	Alcania	O	29.91	+0.3	WSW	4-5	bc	"	51	16	Cameronia	H	29.56	+0.1	SSW	6-7	0
"	50	14	Mesaba	H	29.81	+0.6	NW	1-3	0	"	51	14	Gymnuc	O	29.71	-0.7	S	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.								
				In.	F. °	F. °			Hr.					In.	F. °	F. °			Hr.							
Scot- land.	{	Oban	...	...							{	Margate	...	...	...	35	24	c	bc.b.	2.1						
		St. Andrews	...	...			*	*						Ramsgate	...	...	...	33	29	*	*	1.1				
Eng. N.E.	{	Harrogate	...	...	—	44	23	o.c	c.o.	0.0	{	Folkestone	...	...	...	34	29	o	o	0.0						
		Scarborough	...	...	*									Littlestone	...	...	...	*	*	*	*	0.0				
Eng. N.W.	{	Morecambe	...	...	0.04	45	28	o	or	0.0	{	Hastings	...	...	...	34	29	o	o	0.0						
		Blackpool	...	...	0.03	49	27	c.or	o	0.0			{	Bexhill-on-Sea	...	...	...	34	30	o	o	0.0				
		Southport	...	...	0.02	46	28	o	or.o	0.0					{	Eastbourne	...	...	...	34	24	o	o	0.0		
																	{	Seaford	...	...	...	36	22	o	o	0.0
																			{	Brighton	...	...	...	38	25	bm.cm.o	om	0.0
Mid- lands.	{	Buxton	...	...	—	41	23	bc	bc	3.1	{	Worthing									...	...	...	40	23	cy	cy	0.2
		Leamington Spa	...	...	—	41	22	c	bc	4.6			{	Littlehampton							*	*	*
		Malvern	...	...	—	41	26	b	bc	4.8					{	Southsea					...	...	...
																	{	Ryde			...	...	...
																			{	Ventnor	...	...	...
Wales.	{	Rhyl	...	...	—	50	25	c.o	o	0.2	{	Bournemouth									...	...	...	45	22	pc.*bc	bc.*b.	4.7
		Colwyn Bay	...	...									{	Hythe							...	...	...	35	23	fc.b	bf	0.0
		Llandudno	...	...											{	Weymouth					...	...	...	44	26	m.b	bcy	4.8
		Bettws y-Coed	...	...													{	Exmouth			...	...	...
		Aberystwyth	...	...	—	46	29	o.c.o	c.o	0.5									{	Teignmouth	...	...	...	47	28	bc	bc.c.	2.3
Tenby	—	46	?	o	o	0.0	{	Torquay	...	...									...	47	29	bc	co.	2.8
England, E.	{	Lowestoft	...	...									{	Paignton							...	...	...	47	26	bm.b.c	bc	2.7
		Felixstowe	...	...	—	33	26	cf			c.bc	0.7			{	Falmouth					...	...	...	47	36	o	o	0.1
		Walton-on-Naze	...	...	—	34	25	cm			bm.bm	0.0					{	Bude			...	...	...	48	28	x.b.	bcy	3.7
		Southend-on-Sea	...	...	—	35	25	o			bc	0.3							{	Ilfracombe	...	...	...	48	31	bc	bc	3.0
											{	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.
Greenwich (Royal Obs.)	82	94	1.3	39	27	22	0.01	b bco ox
City (Bunhill Row)								
Westminster (St. James's Pk.)	89	92	0.0	40	27	27		bm cbm bxb
Camden Sq. (Brit. Rainfall)	87	97	0.0	40	25	26		fbcx -
Hampstead (Reservoir)		99	0.0	38	24	9		bcbx bxb
Richmond Park			0.0					
Kew. (See front page.)								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
Total.				Average Rate.		Max. Rate.		
264 Joules				8.4 Milliwatts.		18.5 Milliwatts.		

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.		53	43	42	c-o	qpo
Plymouth to 9 p.m.		48	31	28	0	c-b
Darwen	0.02	40	25	23	bc	cm
Manchester	0.05	44	29		bc	c-b
Birmingham		40	26	11	c	b
Oxford to 8 p.m.		40	21	15	bmfx	bcb
S. Kensington (Museum Grounds to 6 p.m.)	trace	38	20	10	fom	ombmbm

NOTES ON YESTERDAY'S WEATHER.

In the east and southeast of England the thermometer rose very little above the freezing point, but on many parts of our western and northern coasts it exceeded 50° and at Birr Castle it touched 54°. Considerable amounts of bright sunshine were recorded in the Midlands and the South-west of England; elsewhere the duration was small. Rain fell in the west and north generally, and a gale from the South-Westward was experienced in the north of Scotland, and, locally, at Hexham, Northumberland. Lightning was seen in Shetland at night.

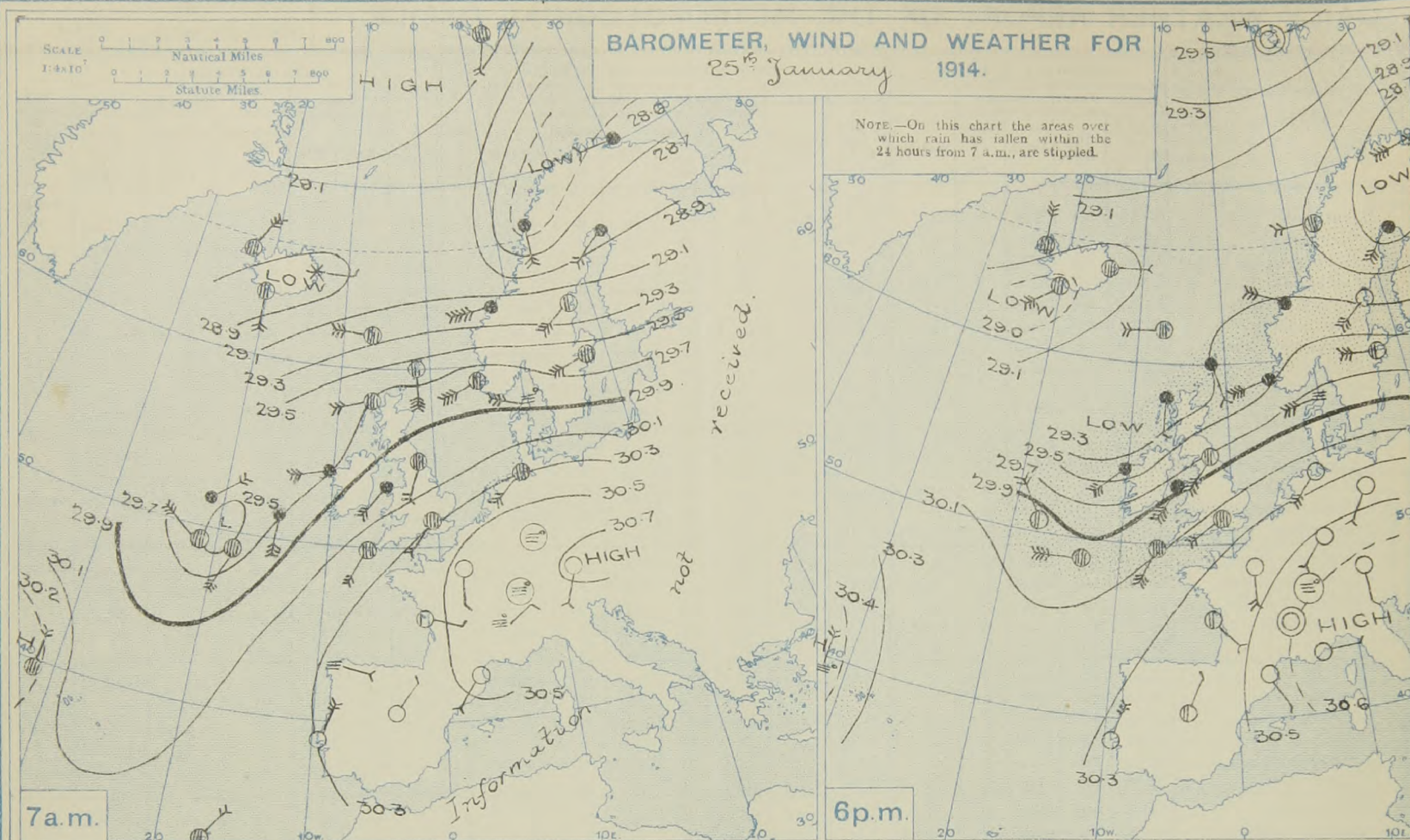
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; 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.

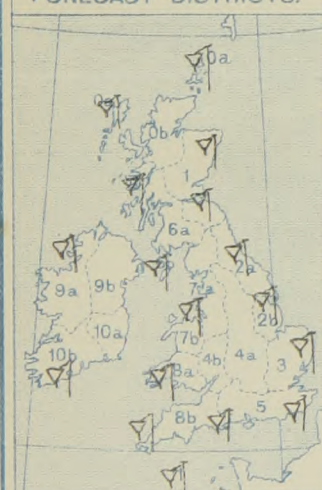
Monday,
26th January, 1914.

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 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.	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.	F.													Hours.			
BRITISH ISLANDS.	Lerwick ...	29.30	41	SSE	2	or	29.35	+0.09	38	-8	W	5	cpq	5	0.83	46	35	or	or	or cpq	*			
	Stornoway ...	29.18	40	S	2	or	29.60	+0.04	37	-8	NW	5	bcq	5	1.54	45	36	or	or	or bcq	0.0			
	Castlebay (Barra Isd.)	29.19	50	SSW	6	r	29.70	+0.01	43	-4	W	5	bc	6	0.34	52	38	opr	r	bc, op	0.0			
	Glasgow ...	29.47	50	SSW	7	odg	29.81	+0.06	38	-5	WSW	4	bc	*	0.39	52	36	ogqp	ogp	ogp, bc	0.0			
	Eskdalemuir ...	29.63	45	SSW	8	d	29.90	+0.08	35	-9	SW	4	bc	*	0.58	46	34	adm	om	r, bc	0.0			
	Malin Head ...	29.29	49	SW	8	o	29.83	+0.02	41	-2	W	6	bc	6	0.30	52	37	omq	omr	bc, omq	*			
	Blacksod Point ...	29.36	51	SW	6	ogp	29.99	+0.05	42	-9	WNW	5	bcq	4	0.43	53	40	ogmr	ogp	ogp	*			
	Valencia ...	29.81	49	SW	7	om	30.15	+0.06	45	-8	W	5	cp	6	0.35	53	41	omr	omr	oc, b, p	0.0			
	Roche's Point ...	29.84	48	WSW	7	r	30.15	*	39	-10	WSW	1	b	4	0.10	50	39	d, o	omr	om, b	*			
	Birr Castle ...	29.66	49	W	6	r	30.08	*	35	-19	SW	1	b	*	0.08	54	35	c	c, ogp	c, b, x	0.0			
	Donaghadee ...	29.54	51	SW	5	cq	29.94	+0.07	37	-11	W	3	b	3	0.05	54	37	cp	cq	cp, bc	*			
	Liverpool Obsy. ...	29.90	49	S	4	o	30.03	+0.08	43	-7	W	3	c	3	0.02	52	41	og	o, c, q	bc, p, q	0.0			
	Holyhead ...	29.83	48	SSW	8	odmg	30.03	+0.06	44	-5	W	5	og	5	0.09	49	43	od, fg	od, mg	pd, r, o	0.0			
	Pembroke (St. Ann's Hd.)	29.95	48	SSW	8	o	30.09	+0.04	49	0	W	3	ogq	5	0.41	49	44	ogm	ogm	ogm	0.0			
	Newquay ...	30.10	48	SSW	6	om	30.11	+0.03	45	-4	-	0	o	4	0.26	50	44	om	om	dp, om	0.0			
SCANDINAVIA.	Scilly (St. Mary's) ...	30.09	49	SSW	6	om	30.12	+0.02	46	-4	NW	5	cq	5	0.10	51	45	om	om	om, c, q	0.0			
	Jersey (St. Aubin) ...	30.35	42	SSW	3	bcn	30.16	*	44	+10	SW	3	omd	3	0.01	44	34	c, bc, n	bcn	bc, g, m, d	3.5			
	Portland Bill ...	30.22	46	SW	5	o	30.10	+0.04	44	+1	NNW	1	o	5	trace	47	43	bc, c, o	o	o, b	*			
	Dungeness ...	30.30	41	SW	5	omqu	30.11	-0.01	42	+5	SSW	5	og	5	0.42	37	37	omq	omq	og, o	*			
	Dover ...	30.25	40	SW	6	o	30.09	*	41	+6	SW	5	og	6	trace	41	35	o, bc	o	or	0.3			
	Wick ...	29.14	44	SSE	3	r	29.55	+0.06	35	-8	SW	3	ogp	4	0.50	49	33	omr	omr	or, c, q, p	*			
	Nairn ...	29.25	50	SW	2	r	29.64	*	36	-7	W	3	bc	2	0.48	51	34	cd	og	q, r, c	0.0			
	Aberdeen ...	29.33	53	SW	7	og	29.67	+0.08	37	-5	WSW	4	b	2	0.02	55	37	od	od, og	og, op, b	0.0			
	Leith ...	29.50	54	SSW	6	o	29.78	+0.08	39	-6	SSW	3	b	*	0.13	55	39	op	ogp	og, p, c, b	*			
	North Shields ...	29.70	53	SW	7	c	29.87	+0.10	42	-7	WSW	3	b	2	-	54	41	c	bc	bc, b	0.0			
	Spurn Head ...	29.95	45	SW	6	o	29.96	+0.07	42	0	W	5	cq	4	-	46	41	o	o	o	0.0			
	Yarmouth ...	30.15	37	SSW	3	om	30.03	+0.01	43	+8	WSW	2	c	2	-	44	32	om	om	o, cm	0.0			
	Clacton-on-Sea ...	30.23	35	SSW	5	ogm	30.07	00	40	+4	W	2	ogmr	2	0.01	41	36	c, ogm	ogm	ogmr	0.0			
	Nottingham ...	30.01	46	SW	6	o	30.03	*	41	-3	W	1	o	*	-	49	40	o	o	o	0.0			
	Bath ...	30.14	46	SW	6	o	30.10	*	42	-4	W	1	o	*	0.03	49	41	og	og	ogp	0.0			
London (Kew Obsy.) ...	30.21	40	SW	4	o	30.06	00	43	+4	SW	1	omr	*	0.02	44	39	o, om	omd, o	omr	0.0				
GERMANY, &c.	Spitzbergen ...	29.50	-23	-	0	b	29.38	+0.02	-31	-27	SE	1	b	*	-	-4	-36	GALES. Duration and Extreme Force in British Islands Lerwick. T-13 Extreme S. q. Stornoway. Early night Squalls 8. Castlebay. 15-17. Extreme SSW. 8. Glasgow. 13-18. Squalls SSW. 8. and 21-24. Extreme SW. 8. Squalls. q. Eskdalemuir. 16-18. Extreme SSW. 8. and 21-23. Extreme SSW. 8. Malin Head. 14-3. Extreme SW. q. at 20. Blacksod Pt. 9-18. Extreme SW. 8. Holyhead. 16. Extreme SSW. q. gust 55 mph (10). and 20. Extreme SSW. q. gust 58 mph (10). Pembroke. 16-21. Extreme SSW. 8. Scilly. 15. Gust 45 mph (8). Aberdeen. 18. Squall 50 mph (10). and 20. Squall 61 mph (10). Shields. 20. Extreme WSW. 8. Nottingham. 24. Extreme SW. 8. Bath. 23. Extreme SW. q. Hexham. 12-2. Extreme SW. 11 at 20. Gust 77 mph (12).						
	Isafjord ...	29.23	23	N	7	o	29.74	+0.11	23	-3	N	4	c	*	-	-	-							
	Reykjavik ...	28.98	32	NNE	4	c	29.69	+0.16	26	-7	N	3	b	*	-	-	-							
	Vestmanna ...	28.96	38	SW	6	c	29.59	+0.14	24	-14	N	8	b	2	-	-	-							
	Seydisfjord ...	29.08	29	E	2	o	29.46	+0.08	25	-8	S	3	s	*	-	-	-							
	Thorshavn ...	29.20	41	W	4	c	29.25	+0.06	37	-7	NNW	2	c	*	-	-	-							
	Haparanda ...	28.65	37	SW	6	r	28.78	-0.01	28	-4	SW	2	c	*	0.16	37	27							
	Hernösand ...	29.25	43	SW	6	b	28.93	-0.21	34	-2	NE	2	r	*	0.04	43	34							
	Stockholm ...	29.60	41	W	6	bc	29.22	-0.09	39	+2	SW	8	r	*	0.04	43	36							
	Wisby ...	29.80	38	SW	4	c	29.51	-0.06	37	+3	WSW	8	o	*	-	39	34							
	Karlstad ...	29.65	39	W	4	o	29.17	-12	38	-2	SSW	8	r	*	0.04	43	34							
	Vardö ...	28.62	25	W	8	s	28.89	00	21	-13	ENE	8	s	4	-	34	?							
	Bodö ...	28.88	39	W	4	c	28.76	-0.01	39	0	W	4	c	3	0.55	39	34							
	Christiansund ...	29.32	40	WNW	6	r	28.91	-0.01	36	-8	W	2	r	5	0.75	45	36							
	Skudesnaes ...	29.43	46	WSW	8	r	29.24	+0.06	42	-3	WSW	10	r	7	0.39	46	36							
Færder (X'iania Fjord) ...	29.61	39	SSW	5	f	29.06	-16	42	+1	SSW	10	m	6	-	42	37								
The Scaw (Skagen) ...	29.71	42	WSW	8	f	29.35	-13	42	-1	WSW	9	m	4	-	43	39								
Blaavands Huk ...	29.95	39	WSW	6	f	29.71	-0.04	40	-1	W	7	m	6	trace	41	37								
FRANCE.	Cuxhaven ...	30.16	33	SW	6	b	29.94	-0.06	37	+12	SW	8	o	4	-	37	25							
	Berlin ...	30.34	30	SW	2	b	30.16	-0.04	31	+11	SW	3	b	*	-	36	18							
	Frankfurt ...	30.53	30	SW	2	b	30.42	-0.01	19	+5	W	1	m	*	-	32	14							
	Munich ...	30.63	23	S	1	b	30.54	-0.02	16	0	S	1	b	*	-	32	14							
	The Helder ...	30.19	37	SSW	7	o	30.04	+0.01	40	+4	SW	4	o	3	-	40	36							
	Brussels ...	30.36	37	WSW	4	b	30.21	-0.01	33	+8	SW	3	b	*	-	40	25							
	C. Gris Nez ...	30.28	40	SSW	6	o	30.13	-0.03	38	+3	SSW	6	o	5	-	41	37							
	La Hève ...	30.37	42	SSW	4	m	30.20	*	39	+11	SSW	4	bc	3	-	41	28							
	Ushant ...	30.22	48	SSW	6	o	30.17	*	49	+16	WNW	2	o	5	0.08	49	33							
	Brest (St. Mathieu) ...	30.31	48	S	4	o	30.20	+0.01	46	?	W	2	r	5	0.08	50	?							
	Lorient (Bec Melen) ...	?	48	S	4	o	?	*	50	+14	SW	5	r	4	-	52	36							
	Rochefort (Ile d' Aix) ...	30.41	40	SE	3	b	30.34	00	37	+8	S	3	c	*	trace	46	29							
	Biarritz ...	30.42	49	SE	2	b	30.38	+0.01	48	+13	S	2	b	3	-	57	35							
	Paris ...	30.45	31	S	2	b	30.30	-0.03	31	+15	S	3	o	*	-	39	16							
	Belfort ...	?	30	-	0	m	30.50	*	21	+2	WSW	4	b	*	-	44	19							
Lyons ...	30.60	33	-	0	b	30.52	*	28	+4	-	0	b	*	-	39	24								
Nice ...	30.86	40	E	1	b	30.52	-0.02	38	-2	-	0	b	0	-	52	36								
Perpignan ...	30.53	41	SE	1	b	30.48	-0.01	36	+2	SW	2	b	*	-	49	34								
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...																	Extreme SW. 8. Bath. 23. Extreme SW. q. Hexham. 12-2. Extreme SW. 11 at 20. Gust 77 mph (12).						
	Lisbon (9 a.m.) ...	30.36	52	NNE	5	b	30.37	+0.03	45	+3	NE	4	b	6	-	55	42							
	Gibraltar ...																							
	Azores (Horta, 8 a.m.)	30.28	*	NIE	5	r	30.50	+0.03	57	0	NE	5	bc	4	0.28	63	55							
	Madeira (Funchal) †	30.34	57	N																				



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.

South Cone hoisted yesterday at 2.55 a.m. in Districts 0, 1, 2, 4, 6, 7, 8, 9, 10 and 11 and at 7.7 p.m. in Districts 2b, 3 and 5.

Western Channel and Bay. 11

Wind mainly between West and North-West, moderate or fresh; changeable, some rain or sleet, fair intervals; temperature falling, frost locally at night.

Wind mainly Westerly, light or moderate; some showers and mist, then fairer and colder.

Same as Nos. 0 to 2.

Wind mainly Westerly, moderate to light; mostly fair, some local showers; temperature falling temporarily.

Wind Westerly or North-Westerly, then backing towards South-West; mostly moderate; changeable, some showers; temperature changing irregularly.

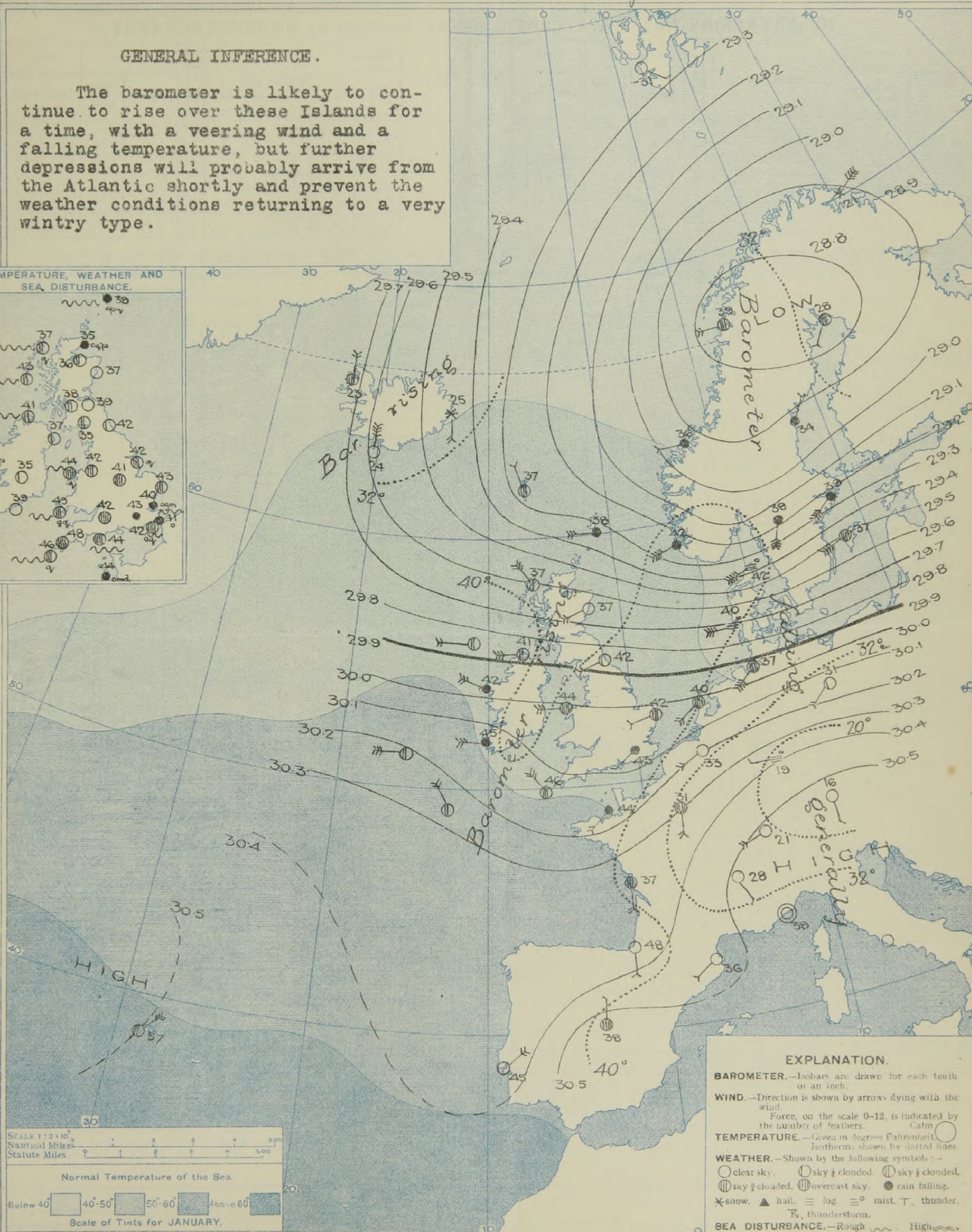
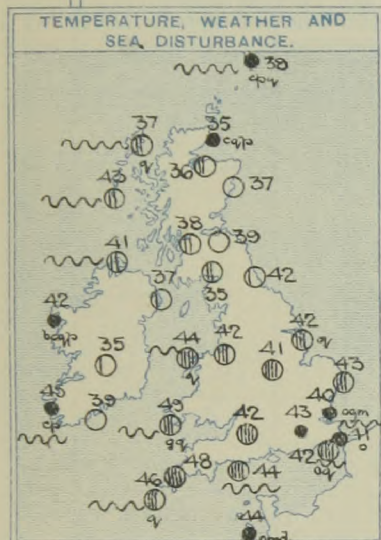
North-Westerly and Westerly winds, fresh to light; sea rather rough to moderate; some rain and mist, then fairer.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Monday, 26th JANUARY, 1914.

GENERAL INFERENCE.

The barometer is likely to continue to rise over these Islands for a time, with a veering wind and a falling temperature, but further depressions will probably arrive from the Atlantic shortly and prevent the weather conditions returning to a very wintry type.



DAILY WEATHER REPORT.

Monday, 26th January, 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.	
26th, Jan.	51	15	<i>Germania</i>	H	30.21	+0.6	W	6-7	bc	25th, 6 p.m.	55	8	<i>Sicilian</i>	O	29.21	-2.2	SSW	8-9	O
"	49	12	<i>Maryette</i>	H	30.29	+0.2	NW	4-5	bc	"	51	20	<i>Gymie</i>	O	29.54	+0.9	ESE	4-5	r
"	55	10	<i>Sicilian</i>	O	29.91	+0.7	W	8-9	bc	"	49	20	<i>Maryette</i>	H	29.71	+0.8	NW	6-7	O
"	51	9	<i>Bartholomew</i>	O	30.09	+1.2	WNW	4-5	b	"	49	18	<i>Mesaba</i>	O	29.44	-1.0	SSW	8-9	O
25th, 6 p.m.	50	17	<i>Meriton</i>	O	30.07	+1.9	NW	8-9	bc	"	50	18	<i>Ascania</i>	O	29.44	-1.0	SSW	8-9	O
"	49	17	<i>Maryette</i>	H	30.06	+0.7	N	6-7	c	"	51	14	<i>Tunisian</i>	H	29.66	0.0	SSW	6-7	r
"	49	12	<i>Philadelphia</i>	O	29.92	+1.7	W	8-9	O	"	50	14	<i>Meriton</i>	O	29.82	-0.5	SW	8-9	m

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	-	38	27	c.be	b.be	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(St. Andrews				*	*			Ramsgate	-	37	29	*	*	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Eng. N.E.	(Harrogate	0.02	49	42	0	0	0.0	{	Folkestone	-	40	33	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Scarborough	*	49	42	0.0	0.0	0.0		Littlestone	*	*	*	*	*	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Eng. N.W.	(Morecambe							{	Hastings	-	40	35	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Blackpool	0.04	52	42	0	0	0.0		Bexhill-on-Sea	-	40	35	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Southport	-	52	44	0	0	0.0		Eastbourne	-	39	36	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Mid- lands.	(Buxton	0.11	44	36	0	0	0.0	{	Seaford																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	(Leamington Spa	0.01	47	30	0	0	0.0		Brighton	-	41	35	m.0	om	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Malvern	-	46	38	0	0	0.0		Worthing	-	40	37	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Wales.	(Rhyl	0.02	52	45	0	0	0.0	{	Littlehampton	-	*	*	*	*	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Colwyn Bay	-	51	47	*	*	0.0		Southsea																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	(Llandudno	-	54	51	0	0	0.0		Ryde	-	43	41			0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Bettws y-Coed								Ventnor	-	45	38	*	*	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Aberystwyth	0.09	50	42	0.0	0.0	0.0		Bournemouth	-	44	37	*	*	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
England, E.	(Tenby							{	Weymouth	-	46	42	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Lowestoft								Exmouth	-	49	44	c	c	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Felixstowe	-	38	30	f.0	m.0	0.0		Teignmouth	-	47	43	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Walton-on-Naze	-	37	30	om	om	0.0		Torquay	-	48	43	c	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	(Southend-on-Sea	-	37	28	0	0	0.0		Paignton	-	50	47	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
England, S.E.								{	Falmouth	-	52	47	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
									Bude	-	52	44	0	0	0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
									Ilfracombe	-	49	32	c.be	b.c.	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.) ...	91	99	0.0	43	37	0.01	0	0	0 p.m.
City (Bunhill Row) ...			0.0						
Westminster (St. James's Pk.) ...	92	91	0.0	45	39	0.03	m.0	0	0 p.m.
Camden Sq. (Brit. Rainfall) ...		98	0.0	44	38	0.04			
Hampstead (Reservoir) ...		99	0.0	42	36	0.03	0	0	0 p.m.
Richmond Park ...			0.0						
Kew. (See front page.)			0.0						
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.		Average Rate.		Max. Rate.					
S. Kensington (Roof of M.O.)		4.3 Joules		1.4 Milliwatts.		3.5 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.	0.05	55	51	49	0.0	0.0	
Plymouth to 9 p.m.							
Darwen "							
Manchester "	trace	50	42		0.0	0.0	0.0
Birmingham "							
Oxford to 8 p.m.		45	36	30	0.0	0.0	
S. Kensington (Museum Grounds to 6 p.m.)		41	35	22	0.0	0.0	

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

26th, 27th, Jan., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.47	G.M.T. 12.6	G.M.T. 4.24
Greenwich ...	7.50	12.13	4.35
Wick ...	8.34	12.25	4.15
Valencia ...	8.33	12.54	5.16

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 50° at many places in the west and north of these Islands, and to above 40° in the east and south-east. Scarcely any bright sunshine was recorded except at Jersey and Margate. Rain was experienced over a large area, the quantity being large in Scotland; at Stornoway the figure was 1.5 in. Gales from the South-Westward occurred on most parts of our western and northern 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.

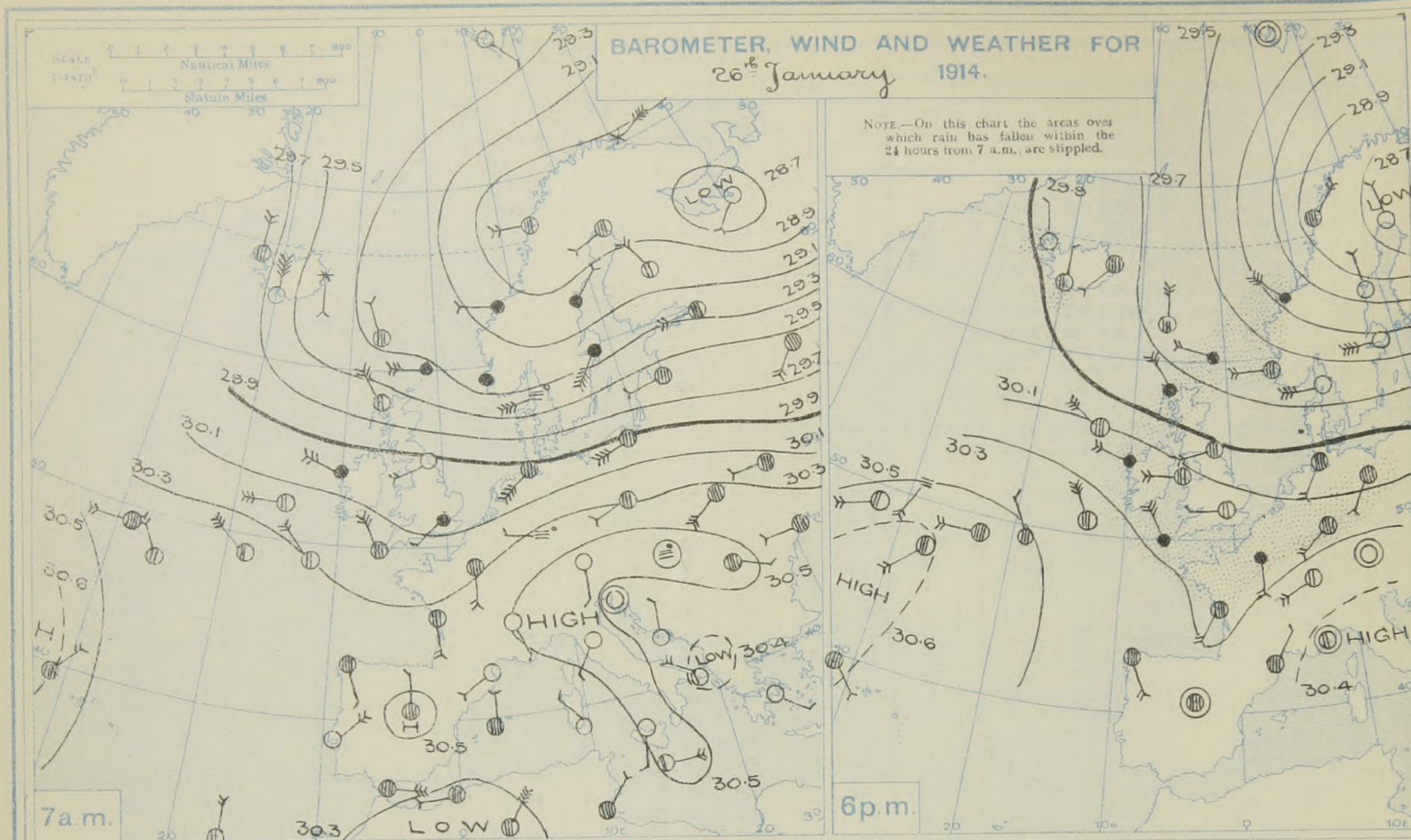
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
27th January 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.	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.						Dir.	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 ...	29.52	38	WNW	3	r	29.77	29.77	+0.5	37	-1	WNW	4	bcg	3	0.30	43	?	cpq	cph.or	opq.bc	*	
	Stornoway ...	29.80	41	NW	5	cpq	29.98	29.98	-0.2	32	-5	W	1	bc	1	0.12	43	32	bcopq	cpq	bcp	1.3	
	Castlebay (Barra Isd.)	29.88	44	WNW	5	chp	29.99	29.99	0.0	42	-1	-	0	o	2	0.04	46	41	bc	bchp	ch.bh	1.8	
	Glasgow ...	29.90	39	SW	2	b	30.01	30.01	+0.3	36	-2	WSW	2	b	*	0.11	41	35	cp.s.o	rsp.c.o	b.p.b	2.2	
	Eskdalemuir ...	29.94	37	S	3	o	30.02	30.02	+0.2	33	-2	WNW	4	b	*	0.02	40	33	c.o	op.c	p.o.b	2.6	
	Malin Head ...	30.00	43	NW	5	c	30.06	30.06	0.0	42	+1	WNW	4	o	4	0.31	44	40	bempq	cpq	cqr	*	
	Blacksod Point ...	30.15	43	WNW	4	cp	30.16	30.16	-0.3	47	+5	W	3	omr	3	0.24	48	39	bcg	bcp	bcmr	*	
	Valencia ...	30.29	45	NW	5	bcv	30.31	30.31	-0.1	47	+2	WNW	5	ogr	5	0.09	48	41	bc	bcp	c.b.p	5.4	
	Roche's Point ...	30.26	42	NNW	3	b	30.30	30.30	*	43	+4	W	3	r	3	0.03	46	38	a.b.c.b	b.b.c.b	b.c.r	*	
	Birr Castle ...	30.17	37	W	1	bc	30.21	30.21	*	40	+5	W	1	o	*	0.03	45	34	b	b.p.b	c.o.d	5.9	
	Donaghadee ...	30.01	40	W	3	bcm	30.07	30.07	0.0	38	+1	WNW	2	c	3	0.03	44	35	bc	bemp	bcp.c	*	
	Liverpool Obsy. ...	30.05	40	WSW	5	o	30.09	30.09	+0.1	40	-3	W	4	o	4	-	44	39	b	bg	b.c	5.8	
	Holyhead ...	30.12	44	W	4	c	30.14	30.14	0.0	43	-1	W	5	b	4	-	46	41	bc	bc	b.c	6.3	
	Pembroke (St. Ann's Hd.)	30.20	44	WNW	4	b	30.20	30.20	0.0	44	?	WNW	4	c	3	Trace	45	42	cgq	bc	bg.c	4.0	
	Newquay ...	30.24	44	W	4	bc	30.26	30.26	+0.1	45	0	NW	5	o	5	0.06	46	43	op.bv	cy.bv	b.c.c	1.2	
	Scilly (St. Mary's) ...	30.27	45	NW	5	cpq	30.30	30.30	0.0	46	0	NW	5	cp	5	0.02	48	42	cp	cpq	bcp.c	1.4	
	Jersey (St. Aubin) ...	30.23	45	WSW	2	ome	30.26	30.26	*	42	-2	W	3	bc	3	0.20	47	38	d.ome	d.ome	omp.b	0.0	
	Portland Bill ...	30.19	44	NW	3	c	30.18	30.18	-0.1	39	-5	WNW	4	b	3	0.01	46	39	o.c	bc	bcp.b	*	
	Dungeness ...	30.15	40	W	2	m	30.13	30.13	-0.1	34	-8	W	2	cx	2	0.14	44	32	om.f	f.c.f	f.b.c	*	
	Dover ...	30.14	41	-	0	om	30.09	30.09	*	35	-6	NW	2	bcx	2	0.15	44	33	or.o	ome	omb.c	0.0	
Wick ...	29.63	38	W	4	bc	29.92	29.92	+0.5	34	-1	WNW	2	bcg	3	0.07	41	34	cg.b.c	cg.p.b	bcg.b	*		
Nairn ...	29.76	39	W	3	bc	29.97	29.97	*	34	-2	W	1	cg	1	0.03	42	32	bcp	gp.b	b.c	3.8		
Aberdeen ...	29.76	40	WSW	3	b	29.96	29.96	+0.3	34	-3	W	3	b	2	-	45	34	b	gp.b	b.bcp	6.6		
Leith ...	29.85	41	W	2	b	29.97	29.97	+0.4	37	-2	SW	2	b	*	0.02	44	37	bcp	c.b	b.c.c	*		
North Shields ...	29.91	42	WSW	4	c	29.99	29.99	+0.3	37	-5	WNW	3	bc	2	-	44	36	c	c	b.b	5.4		
Spurn Head ...	30.02	40	W	4	b	29.99	29.99	+0.1	39	-3	WNW	4	c	5	-	43	36	cg	bc	b	2.7		
Yarmouth ...	30.09	41	SW	1	bcm	30.08	30.08	0.0	35	-8	W	2	bc	1	-	46	33	cf	cf.cm	b.c	0.7		
Clacton-on-Sea ...	30.12	40	WSW	1	cm	30.08	30.08	0.0	32	-8	W	1	bcx	1	Trace	44	32	ogm.cm	cm	b.m.b	0.0		
Nottingham ...	30.10	38	WSW	2	b	30.07	30.07	*	35	-6	W	2	b	*	-	46	34	o.cm	c.b	b	2.4		
Bath ...	30.20	41	W	1	b	30.19	30.19	*	36	-6	WNW	2	b	*	-	48	34	om.c	a.b.c	bcmx	0.6		
London (Kew Obsy.) ...	30.17	41	W	1	bcmx	30.13	30.13	0.0	32	-9	SW	1	omx	*	0.01	45	32	om.f.cm	cm.bcmx	bcmx.b	0.0		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.41	-33	-	0	b	29.33	29.33	-0.1	-30	+1	-	0	b	*	-	-29	-40	*	*	*	*	
	Isafjord ...	29.85	19	N	1	b	28.94	28.94	-2.5	38	+15	SE	9	r	*	*	*	*	*	*	*	*	
	Reykjavik ...	29.90	21	E	3	b	29.02	29.02	-36	37	+11	ESE	7	o	*	*	*	*	*	*	*	*	
	Vestmanna ...	29.88	25	N	2	bc	29.20	29.20	-27	42	+18	SSE	8	r	2	*	*	*	*	*	*	*	
	Seydisfjord ...	29.86	31	SW	2	o	29.46	29.46	-26	23	-2	-	0	c	*	*	*	*	*	*	*	*	
	Thorshavn ...	29.65	33	N	5	c	29.31	29.31	-0.6	23	-14	-	0	b	*	*	*	*	*	*	*	*	
SCANDINAVIA.	Haparanda ...	28.63	16	N	2	b	28.96	28.96	+1.8	13	-15	N	5	c	*	Trace	28	7	*	*	*	*	
	Hernösand ...	28.92	36	N	2	b	29.27	29.27	+1.8	29	-5	NW	4	b	*	0.32	39	28	*	*	*	*	
	Stockholm ...	29.24	40	W	8	b	29.37	29.37	+0.4	33	-6	WNW	6	b	*	-	45	32	*	*	*	*	
	Wisby ...	29.45	39	WSW	8	b	29.52	29.52	+0.2	38	+1	WSW	3	c	*	-	41	36	*	*	*	*	
	Karlstad ...	29.35	37	SW	6	b	29.49	29.49	+0.8	33	-5	-	0	bc	*	-	46	30	*	*	*	*	
	Vardö ...	28.82	35	NE	4	o	29.35	29.35	+1.0	26	-13	NW	3	c	2	-	39	21	*	*	*	*	
	Bodö ...	29.26	36	NW	4	o	29.58	29.58	+1.2	35	-1	N	3	c	5	0.63	37	32	*	*	*	*	
	Christiansund ...	29.59	40	W	4	c	29.63	29.63	+0.1	36	-6	NNW	4	c	4	0.12	42	34	*	*	*	*	
	Skudesnaes ...	29.43	38	SW	6	b	29.53	29.53	+0.4	36	-6	W	2	c	3	-	43	36	*	*	*	*	
	Færder (X'iania Fjord)	29.61	38	W	7	b	29.60	29.60	-0.1	40	-2	W	3	o	1	-	43	36	*	*	*	*	
GERMANY, &c.	The Scaw (Skagen) ...	29.87	38	W	4	o	29.76	29.76	-0.1	37	-3	W	3	r	3	Trace	41	36	*	*	*	*	
	Blaavands Huk ...	30.00	36	W	3	f	29.91	29.91	-0.5	33	-4	SW	4	og	2	-	39	32	*	*	*	*	
	Cuxhaven ...	30.09	40	SW	2	o	30.00	30.00	-0.2	36	+5	SW	3	o	*	0.04	45	31	*	*	*	*	
	Berlin ...	30.23	37	SW	3	o	30.10	30.10	-0.1	35	+16	SW	3	r	*	0.08	39	19	*	*	*	*	
	Munich ...	30.36	28	-	0	b	30.25	30.25	-0.2	25	+9	SSW	3	bc	*	-	37	16	*	*	*	*	
	The Helder ...	30.07	37	SSW	2	m	29.96	29.96	-0.3	38	-2	WSW	2	c	3	?	41	37	*	*	*	*	
FRANCE.	Brussels ...	30.16	36	SW	2	r	30.09	30.09	-0.3	33	0	SW	2	f	*	0.20	40	32	*	*	*	*	
	C. Gris Nez ...	30.16	41	W	3	f	30.09	30.09	-0.3	38	0	WNW	5	o	4	0.35	43	37	*	*	*	*	
	La Hève ...	30.19	40	SW	4	f	30.18	30.18	*	38	-1	WSW	6	r	6	0.24	41	37	*	*	*	*	
	Ushant ...	30.32	47	NW	4	bc	30.32	30.32	*	?	?	NNW	6	c	7	-	49	43	*	*	*	*	
	Brest (St. Mathieu) ...	30.31	46	NW	3	o	30.35	30.35	+0.1	47	+1	NW	4	c	3	0.04	52	45	*	*	*	*	
	Lorient (Bec Melen) ...	*	46	NW	2	r	*	*	*	43	-7	WNW	3	bc	5	0.20	50	37	*	*	*	*	
	Rochefort (Ile d' Aix)	30.29	43	SSW	3	o	30.34																

* 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 Cone	South Cone
North Cone	North Cone

**NO
WARNINGS
ISSUED**

Western Channel and Bay. 11

Wind backing to South-West or South, increasing greatly in force; fair to rainy; milder.

South-Westerly winds, increasing in force; fair, then some rain, sleet, or hail; temperature rising.

Wind between West and South-West, light or moderate; mostly fair, but some local showers of rain or hail; rather milder.

Same as No. 1.

Wind mainly Westerly, light or moderate, then increasing; fair, then showery; moderate temperature.

Same as No. 1.

Westerly winds, light to fresh; changeable, some showers; moderate temperature.

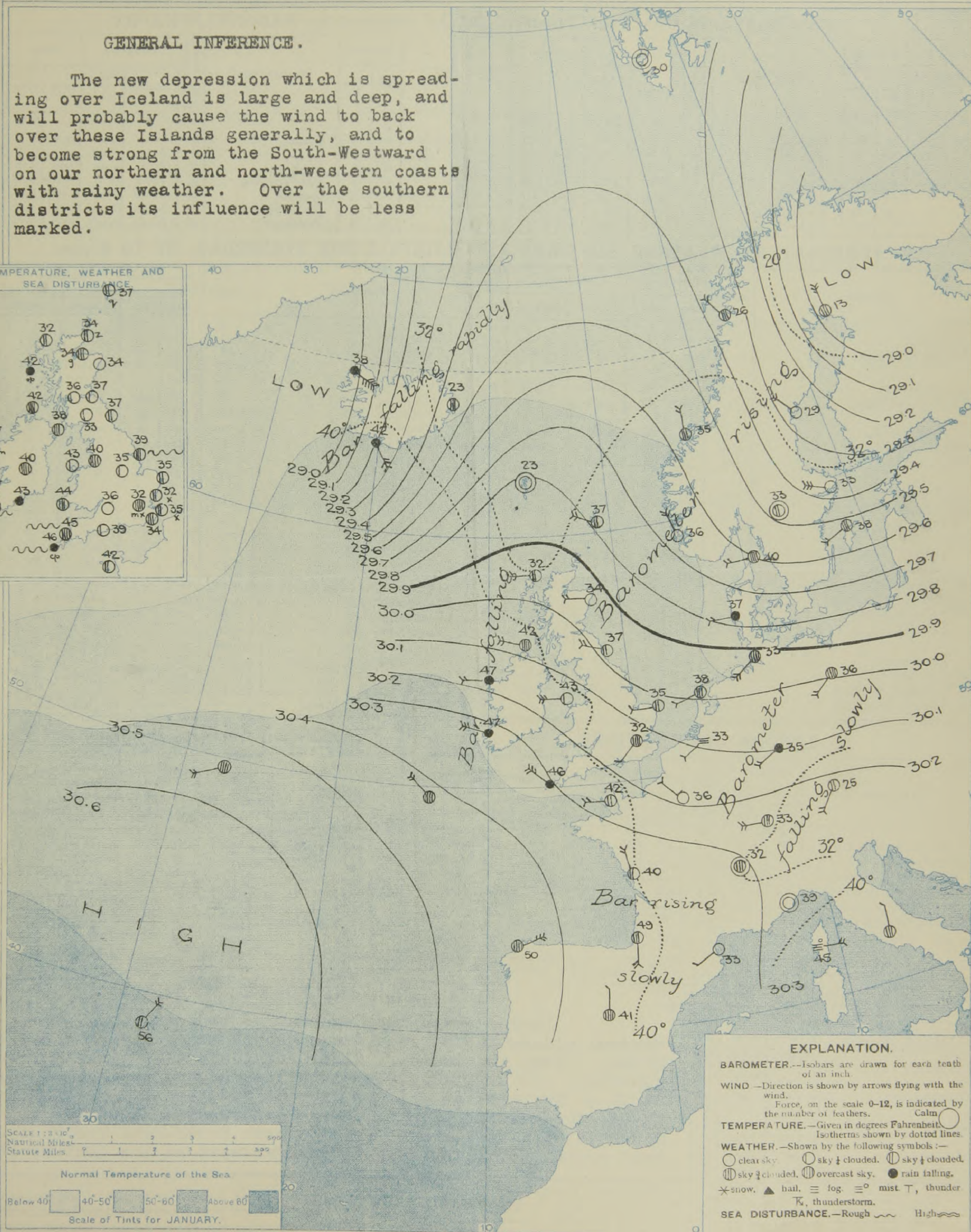
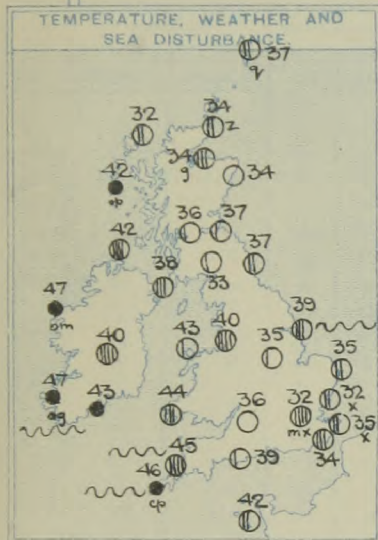
Wind backing to the Westward, moderate or fresh; sea rather rough; some showers and mist, otherwise fair.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 27th JANUARY, 1914.

GENERAL INFERENCE.

The new depression which is spreading over Iceland is large and deep, and will probably cause the wind to back over these Islands generally, and to become strong from the South-Westward on our northern and north-western coasts with rainy weather. Over the southern districts its influence will be less marked.



DAILY WEATHER REPORT.

Tuesday, 27th January, 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.	
26th, 6 p.m.	50	28	Ascania	O	30.50	-02	SW	4-5	f	26th, 6 p.m.	49	19	Oceanic	H	30.63	+01	NW	1-3	c
27th, 7 a.m.	49	13	Oceanic	H	30.39	00	NW	4-5	o	" 7 a.m.	48	26	"	H	30.44	+02	NNW	4-5	bc
" "	49	27	Manitou	O	30.59	00	WSW	4-5	o	" 6 p.m.	55	12	Sialia	O	30.16	-07	NW	6-7	c
26th, 6 p.m.	49	32	Gymric	O	30.50	+02	WSW	4-5	bc	" "	51	12	Carthagenian	O	30.39	+11	WNW	6-7	bc
" "	48	26	Lapland	H	30.60	+01	SW	4-5	c	" 7 a.m.	49	29	Gymric	O	30.45	+05	W	4-5	o
" "	49	22	Philadelphia	O	30.56	+04	W	4-5	o	" "	49	18	Philadelphia	O	30.36	+06	NW	6-7	bc
" "	50	13	Finland	O	30.45	00	NW	6-7	o	" "	50	19	Manitou	O	30.44	+07	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. 46	F. ?	bc. cyp	cyp. c.	Hr. 2.0	{ Margate	In. 0.10	F. 44	F. 34	of	c	0.0	
	{ St. Andrews	0.08	51	36	*	*	52		{ Raingate	0.15	43	35	*	*	0.0
Eng. N.E.	{ Harrogate	0.03	43	38	bc. b.	b. bc. c.	5.9	{ Folkestone	0.21	43	36	om. o	m. om	0.0	
	{ Scarborough	*	46	40	c. b.	c. b.	6.5		{ Littlestone	*	*	*	*	*	0.0
Eng. N.W.	{ Morecambe	0.01	45	40	bc. b.	b. o	6.0	{ Hastings	0.22	45	40	of	o. bc	0.0	
	{ Blackpool	0.02	47	41	c. bc	c. or	6.0		{ Bexhill-on-Sea	0.18	45	40	r. o	o	0.0
	{ Southport	0.06	45	41	bc. b.	bc. op	5.3		{ Eastbourne	0.20	46	41	ogd	og	0.0
									{ Seafood	0.01	44	38	r. o	o	0.0
Mid- lands.	{ Buxton	0.02	43	37	c. o	b	2.4	{ Brighton	0.06	46	37	om. o	o	0.0	
	{ Leamington Spa	0.08	46	38	c. b.	c. b. bc	2.0		{ Worthing	0.02	45	40	o	o	0.0
	{ Malvern	r	45	38	b	bc	1.9		{ Littlehampton	0.01	*	*	*	*	0.0
									{ Southsea	-	46	28	o. c.	c. bc	0.0
Wales.	{ Rhyl	0.03	44	41	o. bc	bc. c. bc	6.0	{ Ryde	-	46	44	o	o	0.2	
	{ Colwyn Bay	0.05	45	42			0.5		{ Ventnor	trace	46	41	*	*	0.5
	{ Llandudno	0.05	46	43	bc	b	5.5		{ Bournemouth	0.02	47	40	o. c. o	o. c. o	0.6
	{ Bettws-y-Coed								{ Hythe	0.20	39	35	orf	fe.	0.0
	{ Aberystwyth	0.10	44	42	m. c. b	bc. c.	5.5		{ Weymouth	0.01	46	41	me. bc	bc. z	0.3
	{ Tenby	0.31	48	39	b. o	b. o.	4.4			{ Exmouth	0.11	46	40	r. bc. c.	o	1.4
England, E.	{ Lowestoft	-	45	35	o. c. o	c.	0.4	{ Teignmouth	0.10	47	41	c. bc	cp. bc	0.6	
	{ Felixstowe	0.02	44	34	fo	cf. bc.	0.1		{ Torquay	0.11	46	41	bc	bc. c	0.7
	{ Walton-on-Naze	0.03	44	34	ome. cm	cm	0.1		{ Paignton	0.09	47	40	m. bc.	bc	0.7
	{ Southend-on-Sea	0.02	44	35	o	o	0.1		{ Falmouth	0.12	48	40	o. c.	bc	3.1
									{ Bude	0.22	47	43	c. bc. p	bc. p	0.4
							{ Ilfracombe	0.25	46	43	o. c.	c. bc	0.1		
							{ Weston-super-Mare	0.10	44	39	c. b. bc	b. bc	1.8		

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		kalm- fall.	WEATHER.			
				Max.	Min.				Fore- noon.	After- noon.		Night.
24 HOURS ENDED 9 A.M. TO-DAY.												
Greenwich (Royal Obs.) ...	%	%	Hr.	F.°	F.	F.	In	bc.m.	bc.m.	bc.x.p.		
City (Bunhill Row) ...	*	*	0.0	45	33	25	0.01	bc.m.	bc.m.	bc.x.p.		
Westminster (St. James's Pk.)	83	91	0.0	46	32	28	-	bc	bc.m.	bc.x.p.		
Camden Sq. (Brit. Rainfall)	84	93	0.0	46	32	27	0.02	ogm.b	bc.m.	*		
Hampstead (Reservoir) ...	*	96	0.2	44	30	20	-	bc	bc.b	bc.x.s.c		
Richmond Park ...	*	*	0.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)	91	87	0.0	190 Joules		60 Milliwatts.		130 Milliwatts.				
Dublin to 4 p.m.	0.02	44	38	36	q.p.b	b	b	*				
Plymouth to 9 p.m.	0.11	49	39	34	b	o.g	c.b	1.7				
Darwen "	0.24	45	37	34	owr	c.b	bc.or	2.4				
Manchester "	0.06	48	39	*	o.o.c	c.b	bc.or	2.3				
Birmingham "	0.08	45	34	33	r	c	o	2.5				
Oxford to 8 p.m.	*	46	36	30	o.gm	ogm.c	c.bm	*				
S. Kensington (Muse. n Grounds to 6 p.m.)	0.02	46	41	30	od.o	o.o.c	bc.b	*				

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.

During yesterday temperature rose to above 45° at several places in the west and south, but only touched 39° at Hythe. Over the southern districts there was little bright sunshine, but at some places in Wales and the north-west and north of England, as well as in some Scottish and Irish localities, the day was bright. Wireless reports show that a moderate to strong breeze from between South-West and North-West prevailed on the Atlantic as far west as the 32nd 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.

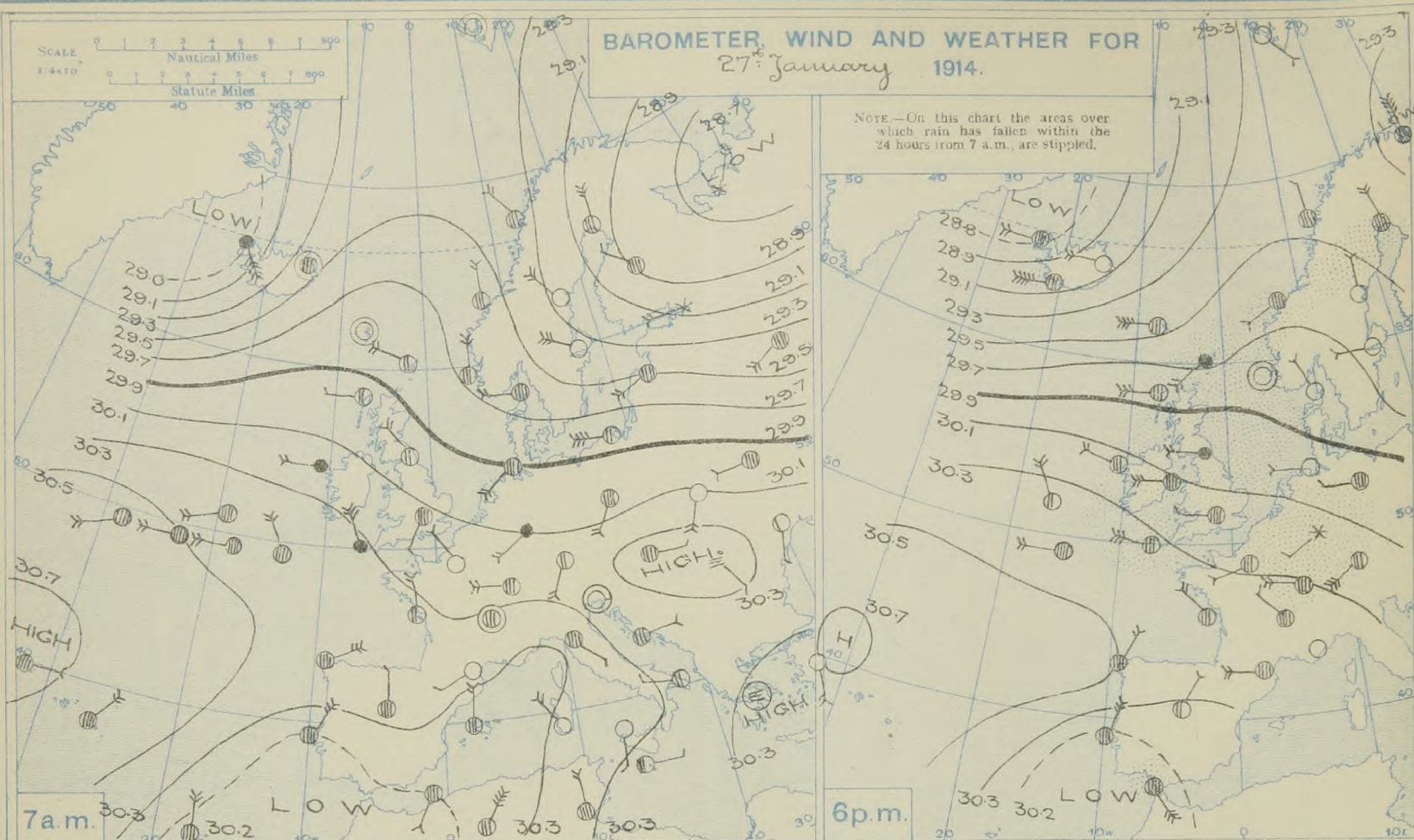
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
28th January 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun shine for Yesterday.
		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).	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).	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.		
		In.	F.				In.	In.	F.						In.	F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	29.68	38	SSW	4	orm	29.70	-0.02	42	+5	SW	4	c	3	0.09	44	35	cp	cp.orm	cp.g	*		
	Stornoway ...	29.89	44	W	5	cq	29.84	-0.07	42	+10	W	5	bcq	5	0.06	47	32	cdpm	cdp.cq	c.bcp.g	0.0		
	Castlebay (Barra Isd.)	29.46	46	WNW	4	op	29.89	-0.05	46	+4	WSW	5	op	5	0.14	49	42	cpd	d.op	p	0.0		
	Glasgow ...	29.97	43	WSW	1	adm	30.04	-0.04	40	+4	SW	3	b	*	0.06	45	35	bcg.od	od	od.c.b.	0.0		
	Esksdalemuir ...	30.03	37	SSW	2	d	30.10	-0.02	34	+1	SW	2	o	*	0.09	42	31	bc.c.o	od	d.b.c.	2.2		
	Malin Head ...	30.06	43	NW	6	r	30.03	-0.10	42	0	SSW	6	o	6	0.16	47	40	omdg	ormq	ogm	*		
	Blacksod Point ...	30.19	47	WNW	3	cm	30.08	-0.09	46	-1	WNW	3	cg	3	0.03	50	43	omp	om.cm	om.c	*		
	Valencia ...	30.30	49	W	3	om	30.19	-0.09	43	-4	S	2	bc	4	0.04	50	43	om	om	bc	0.0		
	Roche's Point ...	30.27	47	NW	2	o	30.24	*	43	0	E	1	c	3	0.09	48	42	r	o	op.b.c.	*		
	Birr Castle ...	30.18	47	W	2	c	30.16	*	41	+1	SW	2	c	*	0.08	51	39	od	od.cd	o.b.c.	0.0		
	Donaghadee ...	30.06	47	NW	2	cpm	30.14	-0.02	36	-2	SW	2	bc	2	0.19	47	36	orm	cpm	omp.b.c.	*		
	Liverpool Obsy. ...	30.10	42	WSW	2	r	30.18	0.00	40	0	WSW	3	b	2	0.13	45	39	od	od	o.c.	0.0		
	Holyhead ...	30.12	48	W	5	ogme	30.18	-0.01	43	0	W	2	bc	2	0.15	49	42	opdm	ompo	o.c.b.c.	0.0		
	Pembroke (St. Ann's Hd.)	30.19	47	W	4	c	30.25	0.00	44	0	N	1	c	1	0.16	48	42	c	or	cg	0.0		
	Newquay ...	30.26	47	NW	5	o	30.26	0.00	46	+1	NW	1	of	4	0.11	48	45	op	op	om	0.0		
	Scilly (St. Mary's) ...	30.31	48	WNW	6	cp	30.29	-0.01	49	+3	WNW	2	cp	5	0.11	49	45	cp	ormcp	om.bcp	0.0		
	Jersey (St. Aubin) ...	30.29	45	WNW	3	cdpm	30.29	*	46	+4	WNW	2	o	3	0.09	49	41	bc.p.bc	cpod	od.cm	3.6		
	Portland Bill ...	30.22	44	W	2	or	30.26	0.00	45	+6	NW	2	c	3	0.06	46	39	bc.c.o	or	or.c.p.	*		
	Dungeness ...	30.18	37	W	2	bc	30.21	0.00	40	+6	WSW	2	b	2	-	43	34	c.b.c.	bc	or	*		
	Dover ...	30.19	35	NW	1	bx	30.20	*	40	+5	SW	1	of	2	0.01	41	34	bc.	bc.b.c.	x.b.c.	2.4		
Wick ...	29.79	38	SSW	3	o	29.85	-0.03	37	+3	SSW	3	bcm	3	0.07	43	31	bcg	bc.c.p.	bcm	*			
Nairn ...	29.85	40	W	2	od	29.90	*	39	+5	W	1	bc	1	0.05	40	33	bc.g.3	cd	d.b.c.	1.0			
Aberdeen ...	29.91	37	SW	3	o	29.97	-0.01	38	+4	W	2	c	2	0.03	42	33	b	bc.c.or	o.b.c.	3.8			
Leith ...	29.95	42	W	1	bc	30.01	-0.02	41	+4	SW	2	c	2	0.04	46	37	bc	o.o	c	*			
North Shields ...	30.04	41	W	3	r	30.10	+0.02	39	+2	W	3	c	2	0.03	42	36	c	or	t.c.	3.1			
Spurn Head ...	30.08	39	W	2	o	30.11	+0.01	39	0	W	2	bcm	3	Trace	43	37	o.b.c.	o	om	2.3			
Yarmouth ...	30.12	38	W	1	bcm	30.16	-0.01	38	+3	WSW	1	om	1	-	41	33	orm	bcm	bc.om	1.3			
Clacton-on-Sea ...	30.15	37	W	2	om	30.18	0.00	38	+6	W	1	ogm	0	-	42	32	bc	bc.c.or	bc.ogm	2.9			
Nottingham ...	30.12	40	SW	1	r	30.18	*	39	+4	W	2	cm	*	0.02	44	35	bcm	c.od	d.om	1.5			
Bath ...	30.19	42	-	0	r	30.25	*	44	+8	W	2	m	*	0.07	46	35	bc.om	orm.	r.om	0.0			
London (Kew Obsy.) ...	30.19	40	W	1	od	30.20	0.00	39	+7	-	0	f	*	0.04	42	32	mx.b.c.m	cm.od	od.om.f	0.8			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.32	-31	SE	2	b	29.35	+0.03	-32	-2	-	0	b	*	-	-30	-42						
	Isafjord ...	28.74	25	W	4	o	28.71	+0.01	23	-15	W	9	bc	*	-	*	*						
	Reykjavik ...	29.01	25	W	9	o	28.85	-0.12	24	-13	WSW	8	r	*	*	*	*						
	Vestmanna ...	29.13	28	W	9	c	28.97	-0.05	24	-18	W	10	c	7	*	*	*						
	Seydisfjord ...	29.03	29	W	4	b	28.98	-0.04	26	+3	W	2	b	*	*	*	*						
Thorshavn ...	29.47	41	W	7	c	29.41	-0.08	36	+13	W	4	o	*	*	*	*							
SCANDINAVIA.	Haparanda ...	29.44	5	N	4	o	29.46	-0.01	-11	-24	SW	2	c	*	0.12	18	-11						
	Hernösand ...	29.63	21	N	2	b	29.56	-0.06	22	-7	-	0	c	*	-	29	10						
	Stockholm ...	29.69	28	W	2	b	29.81	+0.01	26	-7	SSW	2	c	*	-	36	21						
	Wisby ...	29.66	35	W	4	b	29.91	+0.06	28	-10	S	2	b	*	-	39	25						
	Karlstad ...	29.76	27	-	0	b	29.78	0.00	28	-5	W	2	b	*	-	37	19						
	Vardö ...	29.23	18	N	8	o	29.20	-0.04	15	-	WSW	4	b	3	?	18	12						
	Bodö ...	29.46	28	N	1	o	29.20	-0.12	27	+1	E	4	s	2	?	28	21						
	Christiansund ...	29.67	34	SW	2	o	29.55	+0.02	38	+3	SW	6	r	5	0.20	38	32						
	Skudesnaes ...	29.84	34	-	0	b	29.83	+0.02	40	+4	-	0	o	3	0.08	40	34						
	Færder (K'tania Fjord) ...	29.77	35	-	0	b	29.78	-0.01	35	-1	SW	4	c	2	-	37	32						
The Scaw (Skagen) ...	29.78	36	NW	2	b	29.88	+0.01	36	-4	W	3	b	0	-	41	32							
Blaavands Huk ...	29.90	36	W	3	bc	30.04	+0.02	36	-1	W	3	o	2	Trace	37	34							
GERMANY, &c.	Cuxhaven ...	29.98	36	W	2	b	30.14	+0.04	34	+1	W	3	m	0	-	39	32						
	Berlin ...	29.98	38	W	2	o	30.18	+0.07	35	-1	SW	3	c	*	Trace	38	35						
	Frankfurt ...	30.14	34	SW	1	s	30.34	+0.04	33	-2	SW	1	c	*	0.35	39	33						
	Munich ...	30.14	34	SW	6	c	30.37	+0.05	30	+5	SW	3	f	*	Trace	37	25						
	The Helder ...	30.08	37	W	2	b	30.19	+0.01	38	0	SSW	2	o	2	Trace	39	36						
	Brussels ...	30.20	34	WSW	1	c	30.29	+0.03	32	-1	SSW	1	f	*	0.04	36	30						
FRANCE.	C. Gris Nez ...	30.17	40	WNW	4	bc	30.22	0.00	38	0	SSW	4	f	3	Trace	41	36						
	La Hève ...	30.23	41	NW	4	r	30.25	*	40	+2	-	0	f	1	0.24	45	38						
	Ushant ...	30.35	50	NW	5	r	30.31	*	50	+4	NW	3	c	5	0.04	50	45						
	Brest (St. Mathieu) ...	30.38	48	NW	4	o	30.34	0.00	48	+1	NW	3	o	3	0.12	52	46						
	Lorient (Bec Melen) ...	*	47	WNW	4	o	*	*	46	+3	NW	2	o	2	-	50	37						
	Rochefort (Ile d'Atz) ...	30.40	42	NW	3	c	30.34	-0.02	43	+3	W	2	f	*	0.08	46	37						
	Biarritz ...	30.45	46	E	3	b	30.41	-0.02	44	-5	SSE	3	o	4	-	49	41						
	Paris ...	30.25	37	WSW	2	c	30.29	+0.01	33	-3	SSE	1	o	*	Trace	41	30						
	Belfort ...	30.31	31	W	4	o	30.38	*	29	-4	-	0	m	*	0.28	38	29						
	Lyons ...	30.39	35	NW	1	o	30.37	*	31	-1	-	0	f	*	0.04	39	31						
Nice ...	30.06	46	NE	1	b	30.06	+0.01	41	+2	-	0	c	3	-	52	36							
Perpignan ...	30.34	45	W	4	o	30.33	-0.02	40	+7	W	2	bc	*	-	56	33							
Sanguinaire ...	*	50	W	4	m	*	*	46	+1	W	4	m	6	-	54	41							
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.50	52	NE	3	o	30.41	0.00	39	-11	NE	1	f	5	-	54	36						
	Lisbon (8 a.m.) ...	30.19	55	NNE	5	o	30.21	+0.02	46	-4	NNE	5	c	5	-	57	46						
	Gibraltar ...	30.17	57	SE	6	o	30.20	*	57	*	E	5	o	3	0.09	59	55						
	Azores (Horta, 8 a.m.)	30.56	*	NE	5	b	30.53	-0.03	55	-1	NE	3	o	3	-	59	54						
	Madeira (Funchal) ...																						

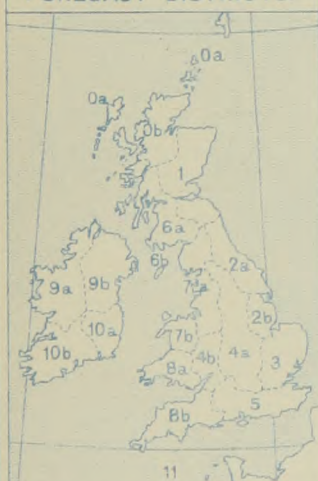
* Information for these columns not usually received.

† Received too late for insertion in Charts.



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.

South
Cone.

North
Cone.

Signals hoisted this morning.

South
Cone.

North
Cone.

No
warnings
issued.

- | | | | |
|----|---|---|--|
| 0 | a | } | Wind between South and West, increasing in force; much cloud, some rain and mist; moderately high temperature. |
| | b | | |
| 1 | | } | Wind backing to the South-Westward and freshening somewhat; cloudy or overcast, some mist or fog locally, showers or steady rain later; moderately mild. |
| 2 | a | | |
| | b | | |
| 3 | | } | Same as Nos. 0 and 1. |
| 4 | a | | |
| | b | | |
| 5 | | } | Wind backing to South-West and increasing; much cloud, some rain and mist; mild. |
| 6 | a | | |
| | b | | |
| 7 | a | } | Wind between South and West, varying in force; changeable, some rain and mist; mild, then cooler. |
| 8 | a | | |
| | b | | |
| 9 | a | } | Wind between West and South-West, light or moderate to fresh; some mist and showers; sea moderate. |
| 10 | a | | |
| | b | | |

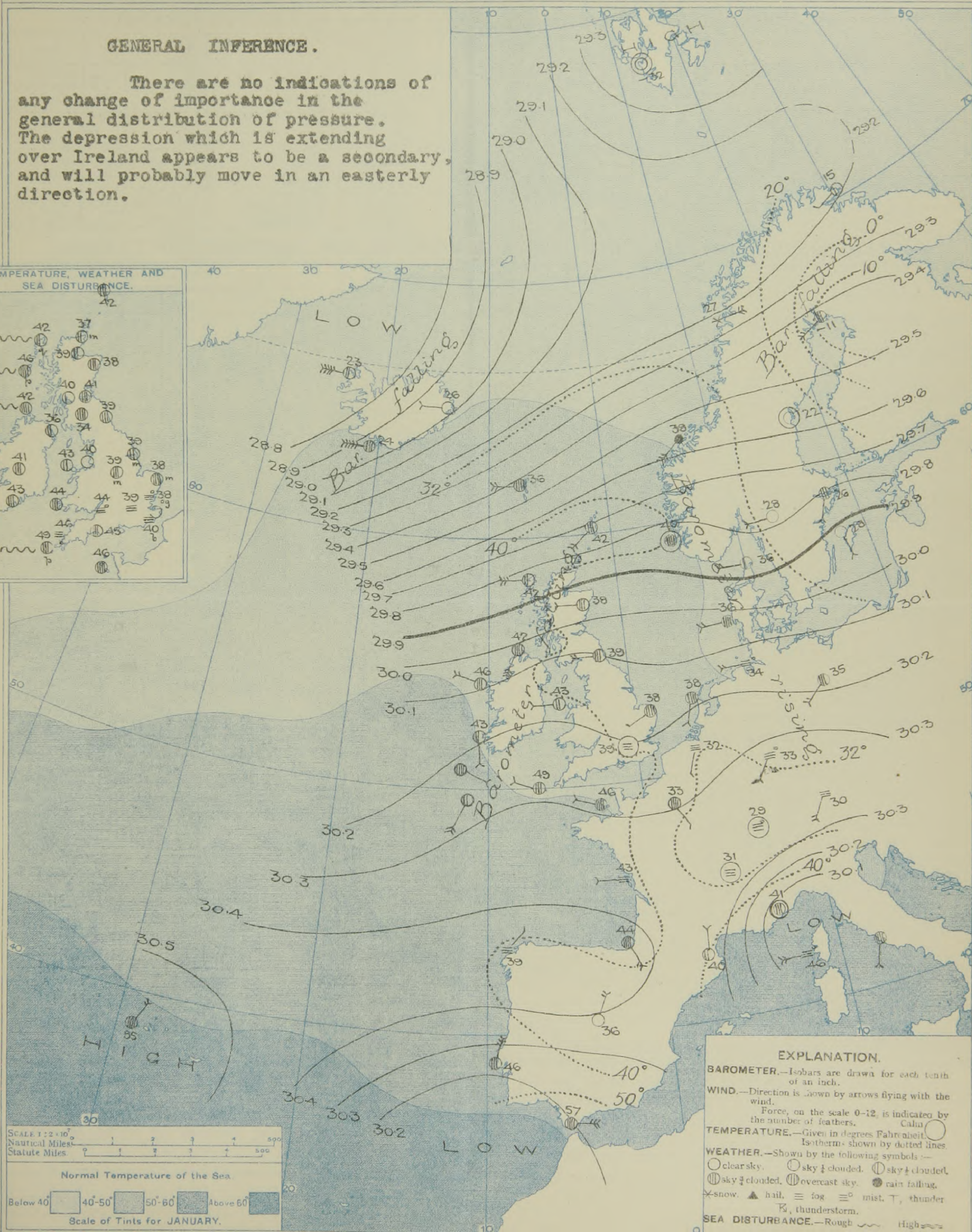
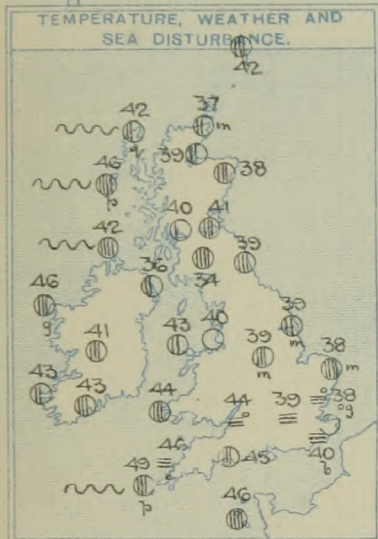
Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 28th JANUARY, 1914.

GENERAL INFERENCE.

There are no indications of any change of importance in the general distribution of pressure. The depression which is extending over Ireland appears to be a secondary, and will probably move in an easterly direction.



DAILY WEATHER REPORT.

Wednesday, 28th January, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	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.	
28th, Jan.	51	11	Haverford	H	?	-08	ESE	1-3	0	27th, Jan.	49	22	Scotian	O	30.52	-01	W	4-5	0
"	49	10	Lake Michigan	H	30.27	-05	SW	4-5	bc.	"	49	20	Lapland	H	30.58	-02	W	4-5	0
27th, 6 p.m.	51	15	Haverford	H	?	+02	NW	4-5	bc.	"	50	19	Haverford	H	?	-03	WSW	4-5	0
"	49	15	Lapland	H	30.55	+05	WNW	4-5	0	"	49	18	Finland	H	30.57	+01	W	4-5	0
"	49	14	Lake Michigan	H	30.40	-07	W	4-5	0	"	50	17	Lake Michigan	H	30.51	00	W	4-5	0
"	"	"	"	"	"	"	"	"	"	"	50	16	Carthagenian	O	30.42	00	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.		
	In.	F.	F.			Hr.		In.	F.	F.			Hr.	
Scot- land.	(Oban	0.20	47	35	c.c.p.	cp	0.0	(Margate	-	40	35	c	c.	0.0
	(St. Andrews	"	"	"	"	"	"	(Ramsgate	-	41	31	"	"	0.3
Eng- land.	(Harrogate	"	42	34	b.c.b.	b.c.c.p	4.2	(Folkestone	-	43	34	x.b.c.	b.c.m	1.9
N.E.	(Scarborough	"	45	37	c.b.	c.b.	2.5	(Littlestone	"	"	"	"	"	3.5
								(Hastings	-	43	33	b.b.c.	c.o	2.5
								(Bexhill-on-Sea	-	44	32	bc	o.b.c.o.	3.6
								(Eastbourne	0.01	43	34	bc	bc.o.	4.2
Eng- land.	(Morecambe	0.02	44	39	b.bc	b.c.od	0.4	(Seaford	-	42	34	b	c	3.3
N.W.	(Blackpool	0.04	42	39	od	of	0.0	(Brighton	-	42	33	o.b.c.	b.c.c.o.	3.1
	(Southport	0.06	42	39	o	of	0.0	(Worthing	-	42	32	b.bc	c	2.5
								(Littlehampton	0.01	"	"	"	"	3.0
Mid- lands.	(Buxton	0.02	39	35	"	"	0.3	(Southsea	-	43	34	b.bc	b.c.m	2.9
	(Leamington Spa	0.01	42	32	c	o	1.4	(Ryde	-	43	36	bc	bc.	2.8
	(Malvern	0.01	43	37	b.b.c.	b.c.o.	0.1	(Ventnor	b.c.c.	46	35	"	"	2.9
								(Bournemouth	-	44	32	b.c.o	o	0.7
Wales.	(Rhyl	0.06	44	39	o	r	0.0	(Hythe	-	44	27	cp.b.	b.	3.3
	(Colwyn Bay	0.11	47	40	"	"	0.0	(Weymouth	0.02	45	36	b.c.c.	d.c.m	1.4
	(Llandudno	0.16	45	42	of	o	0.0	(Exmouth	0.05	45	34	o	o	0.0
	(Bettws-y-Coed	"	"	"	"	"	"	(Teignmouth	0.09	47	39	c	c	0.0
	(Aberystwyth	0.12	44	41	r.o	of	0.0	(Torquay	-	47	37	o	o	0.0
	(Tenby	0.27	46	36	r	r	0.0	(Paignton	0.03	46	36	o	o	0.0
								(Falmouth	0.15	48	38	c.ot	od.r	0.0
England, E.	(Lowestoft	"	42	32	c.bc	b.c.b.m	1.4	(Bude	0.11	48	44	b.c.c.op	op.r.	0.0
	(Felixstowe	"	43	33	c.b.m	b.c.c.m	3.1	(Ilfracombe	0.08	47	42	o	op.cu	0.0
	(Walton-on-Naze	0.02	42	32	cm	b.c.c.m	2.2	(Weston-super-Mare	0.01	43	36	c.b.c.	cmr	0.0
	(Southend-on-Sea	"	43	31	bc	bc	3.1							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 a.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	80	95	0.4	43	35	24	0.02	c.b.	oc.	o.op.
City (Bunhill Row) ...	"	"	0.1	"	"	"	"	"	"	"
Westminster (St. James's Pl.)	79	99	0.1	44	35	31	0.02	bc.c.	o	fm.m.
Camden Sq. (Brit. Rainfall)	83	98	1.1	43	34	32	0.03	bm.b.c.	c.	"
Hampstead (Reservoir) ...	"	99	0.8	41	37	23	0.04	oem	oem	oth.cem
Richmond Park ...	"	"	0.6	"	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										
				Total.	Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				251 Joules	7.9 Milliwatts.		21.5 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.	0.09	48	35	34	bc.r	og
Plymouth to 9 p.m.	0.01	48	37	31	o	of
Darwen	0.12	42	42	34	out.c.	ou.b.
Manchester	0.06	43	38	"	c.bc	bc.c.
Birmingham	0.05	41	33	28	"	of
Oxford to 8 p.m.	"	42	32	25	bm.b.	bc.c.
S. Kensington (Museum Grounds to 5 p.m.)	trace	44	33	25	b.bc.c.	c.o.

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

28th, 29th Jan. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.44 L.M.T. 7.42	G.M.T. 12.6 L.M.T. 12.6	G.M.T. 4.28 L.M.T. 4.30
Greenwich ...	7.47 7.46	12.13 12.13	4.39 4.41
Wick ...	8.30 8.28	12.25 12.25	4.19 4.22
Valencia ...	8.30 8.28	12.54 12.54	5.18 5.20

Temperature rose to 50° in some parts of Ireland and to 45° or above at several stations in Great Britain, and the night was milder than of late. Slight rain fell in most parts of the Kingdom, and little bright sunshine was recorded except at some places in the east of Scotland, the north-east, east and south-east of England. According to wireless reports a moderate to strong Westerly wind prevailed as far west as the 27th meridian.

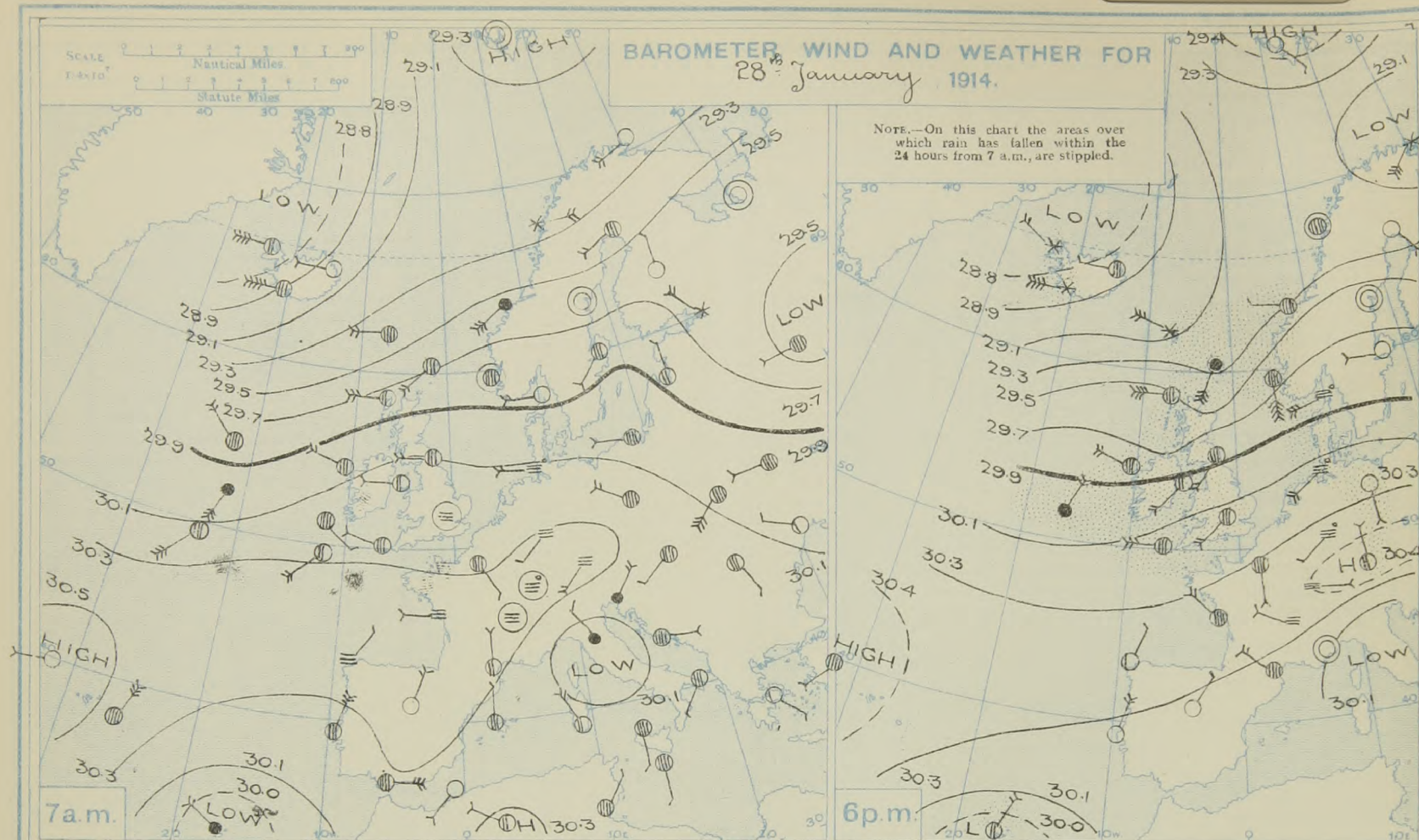
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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.

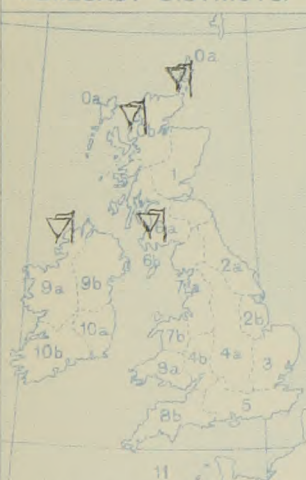
Thursday
29th January 1914.

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 52° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	At 32° F. and M.S.L. Lat. 45°				Change since 5 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.	In.	F.°					In.	In.	F.°							In.	F.°	F.°				Hours	
	Lerwick ...	29.29	42	SSW	6	orig	29.40	1.11	39	-3	SSW	5	cqp	5	0.35	44	35	cpq	orig	orig	cp	*	
	Stornoway ...	29.52	39	W	7	cpq	29.62	1.10	38	-4	W	4	opq	4	0.48	44	36	or	opq	bcphq	0.0		
	Castlebay (Barra Isd.)	29.60	44	WNW	6	o	29.67	1.07	43	-3	W	5	o	5	0.17	46	39	opr	r.opq	op	0.0		
	Glasgow ...	29.71	40	SSW	5	adq	29.78	+0.07	39	-1	WSW	4	c	*	0.10	43	38	op	odq	op.c.bp	0.0		
	Eskdalemuir ...	29.84	39	SW	4	o	29.84	+0.02	33	-1	S	2	c	*	0.31	42	32	o	od	cg.b.c	0.0		
	Malin Head ...	29.68	45	WSW	7	c	29.77	-0.02	40	-2	WSW	6	c	5	0.02	46	40	cg	cpmq	emq	*		
	Blacksod Point ...	29.84	46	WNW	4	cpm	29.83	-0.04	42	-4	W	2	cm	2	0.10	49	40	cg	ag.cpm	bc.cm	*		
	Valencia ...	29.98	50	SW	4	om	29.81	-0.17	50	+7	SSW	4	tnq	4	0.29	50	42	bcm	om	omf	0.1		
	Roche's Point ...	30.02	48	WNW	3	c	29.90	*	49	+6	SW	3	o	4	0.08	49	42	opmc	cg	o.bodm	*		
	Birr Castle ...	29.90	48	SSW	3	c	29.85	*	42	+1	SSW	1	r	*	0.09	48	39	c	c	od.or	0.3		
	Donaghadee ...	29.79	44	WSW	3	om	29.87	+0.08	38	+2	WSW	2	bc	2	0.02	44	35	om	omp	ompbc	*		
	Liverpool Obsy. ...	29.95	46	SSW	3	o	29.91	-0.01	43	+3	WSW	3	r	2	0.03	48	38	b	o	op.r	3.3		
	Holyhead ...	29.95	47	SW	3	bc	29.91	-0.02	45	+2	SW	2	opd	1	trace	48	42	b.bcca	o.c.f.c	b.bcca	1.9		
	Pembroke (St. Ann's Hd.)	30.04	48	SW	5	c	29.97	-0.03	48	+4	WSW	5	ogpd	5	0.02	49	44	c	cm	cg	1.0		
Newquay ...	30.13	49	SW	2	or	30.04	-0.01	48	+2	SW	2	om	4	0.03	52	45	c.f.b	c.o	em	1.7			
SCANDINAVIA.	Scilly (St. Mary's) ...	30.14	50	W	5	cpm	30.04	-0.10	49	0	WSW	4	cm	5	0.03	51	47	cm	cpm	cm	0.5		
	Jersey (St. Aubin) ...	30.25	47	WSW	3	ome	30.18	*	46	0	SW	3	ogm	3	trace	50	44	comer	ome	c.opm	0.8		
	Portland Bill ...	30.16	44	WSW	3	c	30.07	-0.01	43	-2	SW	4	c	3	0.02	46	43	c	c	cr.o	*		
	Dungeness ...	30.19	43	SW	3	om	30.08	1.00	43	+3	SW	3	op	3	0.03	44	39	bcw	m.c.o	o.c.op	*		
	Dover ...	30.15	42	SW	4	f	30.06	*	45	+5	SW	4	m	3	0.01	45	40	of.c.bc	bc.cm	f.cm	0.8		
	Wick ...	29.44	39	SSW	5	bc	29.59	1.15	35	-2	SW	3	cmd	3	0.03	42	33	bc.mq	bc.mq	bc.mq	*		
	Nairn ...	29.49	42	W	5	cgq	29.65	*	37	-2	W	2	cg	2	0.19	44	33	bcq	cg	rq.c	0.0		
	Aberdeen ...	29.57	43	SSW	6	c	29.71	+0.14	37	-1	SW	1	c	2	-	43	36	oz	o.cq	cg.bc	0.0		
	Leith ...	29.69	43	SW	4	bc	29.75	1.06	40	-1	SW	2	c	*	0.03	47	40	c	o	cp.bc	*		
	North Shields ...	29.86	44	SW	3	c	29.86	+0.02	38	-1	W	1	b	2	0.01	47	37	o	c	bc.b	0.0		
	Spurn Head ...	29.98	42	WSW	3	c	29.88	1.10	43	+4	WSW	3	o	3	-	45	37	bcm	c	c.b	3.4		
	Yarmouth ...	30.09	43	SW	1	bcm	29.95	-0.14	45	+7	W	2	bc	1	-	46	33	bcm	bcm	om.bc	2.5		
	Clacton-on-Sea ...	30.13	39	SSW	2	ome	30.02	-0.11	41	+3	SW	3	c	2	0.03	44	37	og.bcm	bc.o.c	ome.c	1.0		
	Nottingham ...	30.01	43	SW	3	b	29.93	*	45	+6	SW	3	r	*	0.12	46	36	egm	cm.b	bc	1.2		
	Bath ...	30.13	48	WSW	4	c	30.04	*	46	+2	W	2	bc	*	trace	51	43	m.o.c	o.c	ocpbc	2.0		
London (Kew Obsy.) ...	30.14	44	SW	3	c	30.03	-0.11	45	+6	SW	3	om	*	trace	48	38	f.bcm	bm.om.c	bc.cm	2.1			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.43	-32	SE	1	b	29.34	1.11	-37	-5	-	0	b	*	-	-31	-44	GALES					
	Isafjord ...	28.76	20	NW	3	s	28.99	+0.12	28	+4	WSW	3	b	*	*	*	*	Duration and Extreme Force in British Islands.					
	Reykjavik ...	28.80	22	WSW	3	o	29.05	+0.07	26	+2	W	8	b	5	*	*	*	Lerwick. Between 24 and 7					
	Vestmanna ...	28.82	21	W	3	s	29.05	+0.07	26	+2	W	8	b	5	*	*	*	Extreme SSW 8.					
	Seydisfjord ...	28.82	22	W	1	c	29.05	+0.05	21	-5	WNW	1	b	*	*	*	*	20-1					
	Thorshavn ...	29.08	31	WNW	5	s	29.19	+0.11	32	-4	WNW	5	s	*	*	*	*	Squalls 8.					
GERMANY, &c.	Haparanda ...	29.22	14	SE	2	b	29.08	-0.14	19	+30	S	2	f	*	trace	19	-11	Stornoway. Between 18 and 21					
	Hernösand ...	29.54	28	-	0	b	29.14	-0.08	30	+8	S	2	b	*	-	34	18	Squalls 8.					
	Stockholm ...	29.76	30	WSW	2	b	29.50	-0.07	35	+9	WSW	6	o	*	-	36	25						
	Wisby ...	29.88	36	SW	4	o	29.72	-0.08	36	+8	SW	6	o	*	-	36	27						
	Karlstad ...	29.77	32	-	0	b	29.43	-0.08	37	+9	SSW	2	r	*	-	43	27						
	Vardö ...	29.01	21	SW	6	s	29.18	+0.17	12	-3	ENE	4	o	3	?	21	10						
	Bodö ...	29.22	34	-	0	o	28.79	-0.12	31	+4	E	4	s	2	?	36	25						
	Christiansund ...	29.30	41	W	1	o	29.13	-0.01	33	-5	NW	8	s	6	0.55	41	32						
	Skudesnaes ...	29.69	43	S	8	o	29.62	+0.02	40	0	W	6	c	5	0.24	45	39						
	Færder (X'ania Fjord)	29.75	37	SW	6	o	29.47	+0.05	42	+7	SW	6	m	4	-	42	35						
FRANCE.	The Scaw (Skagen) ...	29.85	38	WSW	4	m	29.60	-0.03	40	+4	WSW	7	r	2	-	41	34						
	Blaavands Huk ...	29.97	37	WSW	2	f	29.79	-0.04	38	+2	WSW	4	r	4	0.04	38	34						
	Cuxhaven ...	30.12	35	SW	4	m	29.96	-0.04	36	+2	SSW	5	r	3	0.04	36	34						
	Berlin ...	30.25	36	S	2	b	30.15	-0.10	30	-5	S	3	c	*	trace	37	28						
	Frankfurt ...	30.36	32	SW	1	m	30.30	1.00	30	-3	SW	4	m	*	-	39	30						
	Munich ...	30.41	25	N	2	bc	30.42	+0.01	19	-11	W	4	f	*	trace	34	18						
	The Helder ...	30.13	37	S	4	f	29.97	-0.03	39	+1	SSW	4	f	3	trace	39	36						
	Brussels ...	30.25	35	SSE	3	c	30.14	-0.11	37	+5	SW	3	o	*	trace	37	31						
	C. Gris Nez ...	30.19	40	SSW	5	f	30.08	-0.11	41	+3	SSW	5	f	4	0.08	41	38						
	La Hève ...	30.23	44	WSW	2	f	30.18	-0.05	39	-1	SSW	4	o	3	-	45	39						
SPAIN, PORTUGAL, &c.	Ushant ...	30.23	51	WSW	4	o	30.15	*	51	+1	W	3	o	5	-	51	45						
	Brest (St. Mathieu) ...	30.28	50	WNW	2	c	30.20	1.00	48	0	SW	3	o	3	0.12	52	48						
	Lorient (Bec Melen) ...	30.31	47	W	4	c	30.26	-0.05	46	0	SW	2	o	2	-	50	41						
	Rochefort (Ile d'Arx)	30.31	43	NW	3	o	30.26	-0.01	40	-3	SW	3	o	*	-	46	39						
	Biarritz ...	30.35	47	S	3	o	30.28	-0.01	45	+1	ESE	2	b	3	0.16	48	44						
	Paris ...	30.30	39	-	0	o	30.26	-0.01	37	+4	S	2	o	*	-	40	33						
	Belfort ...	30.40	26	E	2	f	30.44	*	17	-12	-	0	f	*	-	34	13						
	Lyons ...	30.37	30	NW	2	f	30.42	*	28	-3	-	0	f	*	-	41	27						
	Nice ...	30.10	42	-	0	b	30.25	+0.02	39	-2	E	1	b	1	-	52	36						
	Perpignan ...	30.26	47	NW	3	o	30.28	+0.01	40	0	SW	1	b	*	-	52	38						
Sanguinaire ...	*	*	?	?	?	*	*	45	-1	E	2	m	5	-	50	41							
CORUNNA, LISBON, GIBRALTAR, AZORES, MADEIRA.	Corunna (8 a.m.) ...	30.37	50	NE	1	b	30.23	1.00	37	-2	SSE	2	bc	3									



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 at 2 p.m. in Districts 0, 6 & 9.

- | | | |
|----|---|--|
| 0 | a | Wind between West and South-West or South, light or moderate to fresh; changeable, some rain and mist; mild. |
| | b | |
| 1 | | |
| 2 | a | Wind South-Westerly to Southerly, light or moderate, then freshening somewhat; mostly fair, then some rain, mist locally; continuing mild. |
| | b | |
| 3 | | |
| 4 | a | Same as Nos. 0 and 1. |
| | b | |
| 5 | | |
| 6 | a | Southerly and South-Westerly winds, increasing considerably in force; squally, rain at times, some mist; mild. |
| | b | |
| 7 | a | |
| | b | |
| 8 | a | |
| | b | |
| 9 | a | |
| | b | |
| 10 | a | South-Westerly winds, increasing in force; sea slight to rather rough; some mist and rain. |
| | b | |

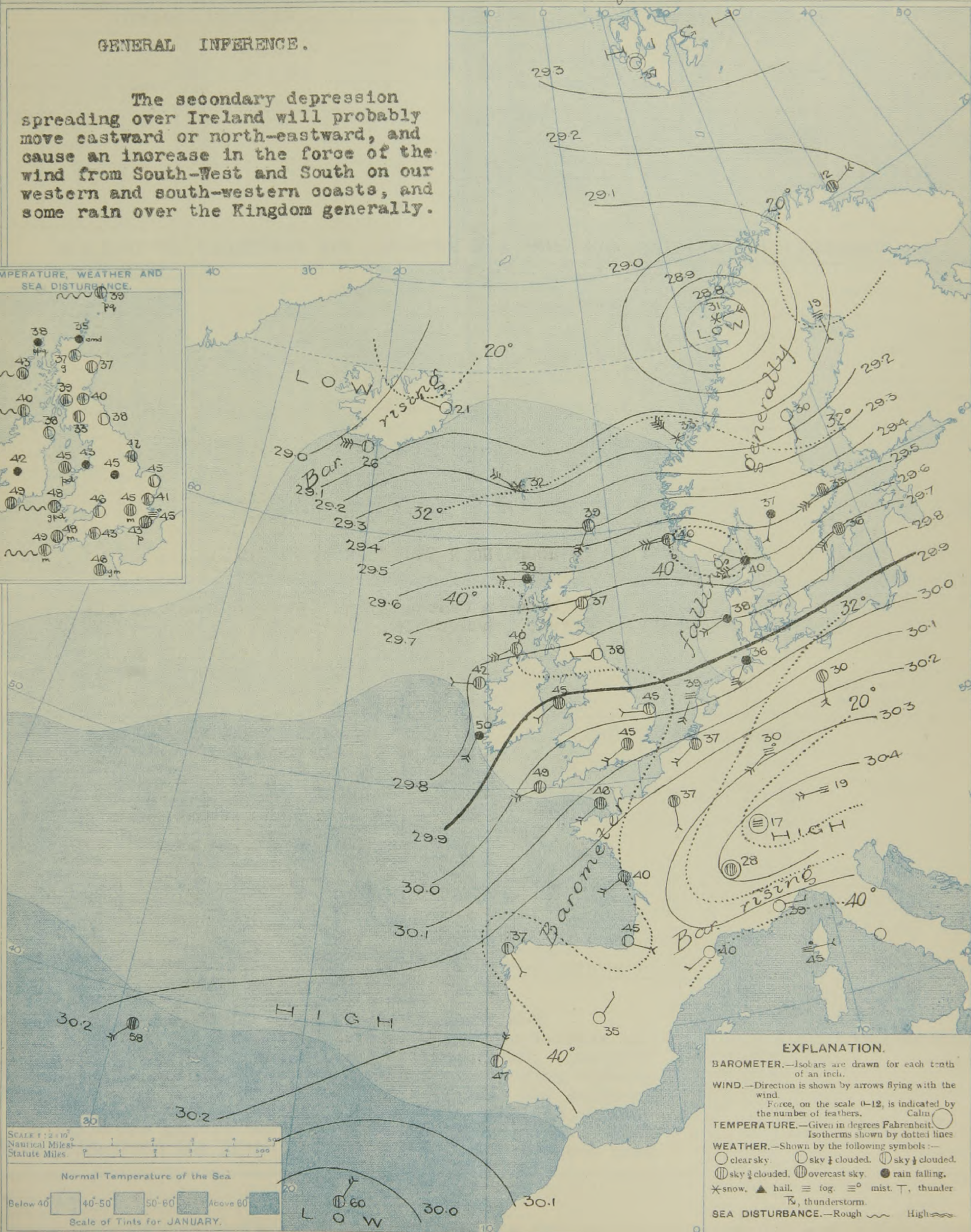
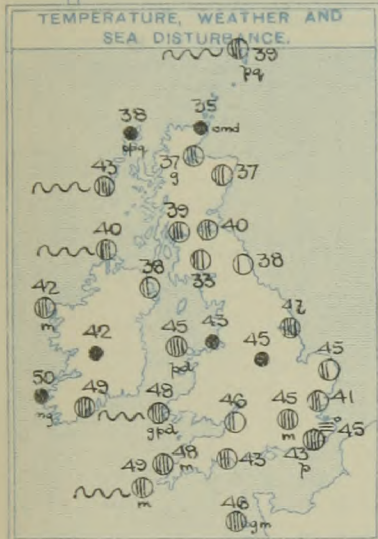
Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 29th JANUARY, 1914.

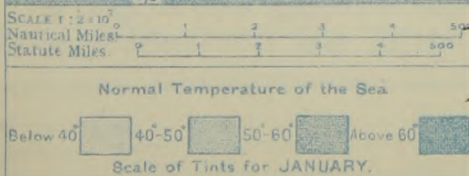
GENERAL INFERENCE.

The secondary depression spreading over Ireland will probably move eastward or north-eastward, and cause an increase in the force of the wind from South-West and South on our western and south-western coasts, and some rain over the Kingdom generally.



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 ☉ overcast sky ☉ rain falling.
 * snow, ▲ hail, ☉ fog ☉ mist, T, thunder
 ☉ thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~



DAILY WEATHER REPORT.

Thursday, 29th January, 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.	
29th Jan	51	11	Hesperian	H	29.82	+0.2	S	4-5	m						In.	In.		(0-12).	
28th "	49	22	Bartholomew	O	30.12	-0.11	SW	6-7	c.										
"	53	20	Sichuan	O	29.89	-0.17	NW	4-5	o										
" bpm	51	16	Hesperian	H	30.00	-0.00	NNE	4-5	r										
" Jan	51	20	Hesperian	H	29.98	-0.09	SSW	6-7	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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
{ Oban ...							{ Ramsgate ...						
{ St. Andrews ...							{ Folkestone ...						
Eng. N.E.							{ Littlestone ...						
{ Harrogate ...	0.04	43	35	bc	bc-o.c.	1.4	{ Hastings ...	0.04	47	37	odf.bc	bc-o.	2.5
{ Scarborough ...	*	46	37	c.b.	c.b.	2.5	{ Bexhill-on-Sea ...	0.02	45	37	fabc.	bc-o.	2.6
Eng. N.W.							{ Eastbourne ...		47	39	bc	bc-o.	2.3
{ Morecambe ...	0.03	48	35	bc	bc-o.	0.1	{ Seaford ...	0.02	46	36	c	c	1.9
{ Blackpool ...	0.04	45	39	m.c.	c-o.	1.2	{ Brighton ...	0.02	46	37	om.o.c.	c-bc-o.	3.0
{ Southport ...	0.04	46	30	b.c.	c-o.	1.9	{ Worthing ...	0.03	47	37	bc	bc	3.4
Mid-lands.							{ Littlehampton ...	0.03					3.4
{ Buxton ...	0.18	42	37	cr	bc	2.7	{ Southsea ...	0.10	50	35	f-bc	bc-o.c.	3.6
{ Leamington Spa ...	0.07	47	35	fc	c-b.o.	2.8	{ Ryde ...	0.07	50	43			3.8
{ Malvern ...	0.01	48	40	b.c.	bc-o.	4.5	{ Ventnor ...	0.06	50	40	*	*	3.9
Wales.							{ Bournemouth ...	0.03	50	38	o.c.	c-o.	1.5
{ Rhyl ...	0.02	47	36	c.b.	bc-o.	3.0	{ Hythe ...	0.01	41	31	f-o.b.m.	b.m.	0.9
{ Colwyn Bay ...		48	40	bc.b.	bc	2.8	Weymouth ...	0.02	48	42	c	c	0.0
{ Llandudno ...		47	42	b	c.	2.0	{ Exmouth ...	0.04	50	?	c.b.c.	c	1.0
{ Bettws-y-Coed ...							{ Teignmouth ...		51	43	c	c	0.6
{ Aberystwyth ...	0.05	46	38	c	c-o.	1.7	{ Torquay ...		50	40	c	c	0.5
{ Tenby ...	0.10	48	39	b.o.	oe	1.7	{ Paignton ...						
England, E.							{ Falmouth ...	0.16	51	46	cd.b	bc-o.	1.3
{ Lowestoft ...		47	33	b.b.c.	bc-o.m.	3.1	{ Bude ...	0.03	51	46	c-bc.pd	cpd	2.4
{ Felixstowe ...	0.01	46	33	c.b.c.	bc-o.	1.0	{ Ilfracombe ...	0.01	50	43	o.c.b.c.	bc-o.	2.5
{ Walton-on-Naze ...	0.01	45	33	em.b.m.	em.b.m.	1.2	{ Weston-super-Mare ...		49	39	c.b.c.	b-b.c.	1.5
{ Southend-on-Sea ...	0.01	45	33	m.	bc	2.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Max.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	81	85	1.6	49	42	37	0.01	ph.	c.o.	ph.o.
City (Bunhill Row) ...			0.0							
Westminster (St. James's Pk.)	85	89	1.0	49	41	38	0.01	m.c.	c.	cd.bc
Camden Sq. (Brit. Rainfall)	87	93	0.2	49	42	37	0.01	f.c.	c	*
Hampstead (Reservoir) ...		92	0.8	47	40	33		oe	oe	sem.c.
Richmond Park ...			1.6							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	82	86	1.0	Total.	Average Rate.	Max. Rate.				
				319 joules	10.0 Milliwatts.	23.0 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.		47	40	37	bc	c
Plymouth to 9 p.m.	0.04	50	45	40	otg.	oz.
Darwen "	0.03	43	37	33	ou.f.c.	ou.b.
Manchester "	0.03	46	36		od-o.	o.c.b.
Birmingham "		46	40	31	*	b
Oxford to 8 p.m.		49	40	32	os.	om.b.m.
S. Kensington (Museum Grounds to 6 p.m.)	0.03	49	40	32	od-o.	om.c.

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

29th & 30th Jan. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.42	12.6	4.30
	7.41	12.6	4.32
Greenwich ...	7.46	12.13	4.41
	7.44	12.13	4.43
Wick ...	8.28	12.25	4.22
	8.26	12.25	4.25
Valencia ...	8.28	12.54	5.20
	8.27	12.54	5.22

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 50° at many stations in the south-west, and to above 45° in most parts of the Kingdom. Rain, generally slight or moderate, fell over the greater part of the country, and the duration of bright sunshine was slight, except at some stations in central and eastern England, north Wales, and on the south coast. A gale from the South-Westward occurred during the night on some exposed spots on the extreme north and north-west coasts.

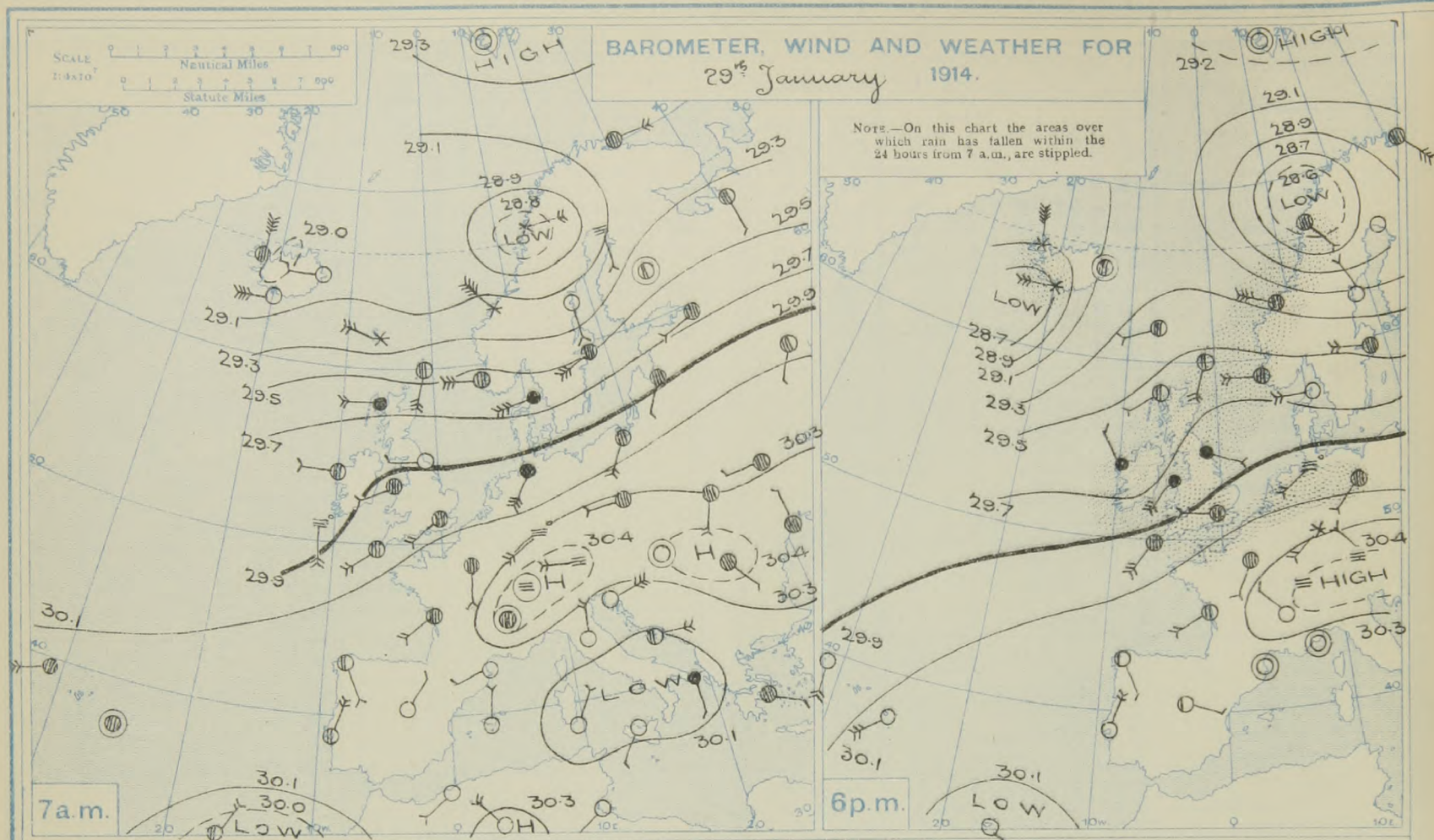
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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.

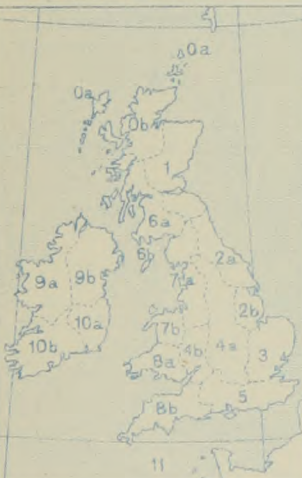
Friday,
30th January, 1914.

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.	Dir.	At 32° F. and M.S.L. Lat. 45°				Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.					Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.		Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.



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.

- 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 }

Southerly and South-Westerly winds, light to moderate or fresh; much cloud, occasional rain and mist; milder.

Wind between South-West and South, light or moderate to fresh or strong; much cloud, some mist, rain at times; very mild.

Southerly and South-Westerly winds, moderate to fresh or strong; cloudy or overcast, rain at times; mist or fog locally on coast; mild.

Western Channel and Bay. 11

South-Westerly winds, moderate to strong; sea rather rough; some mist and rain.

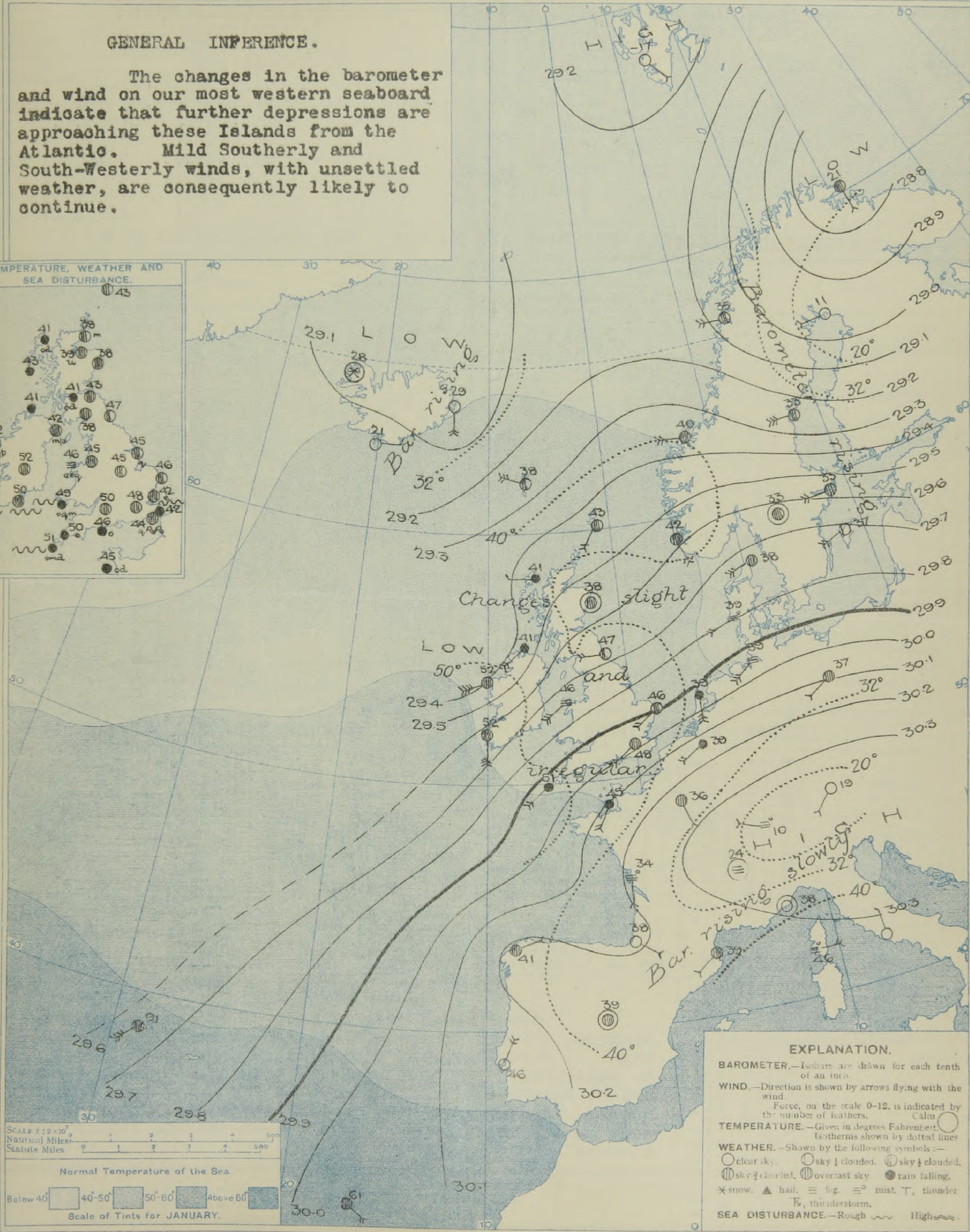
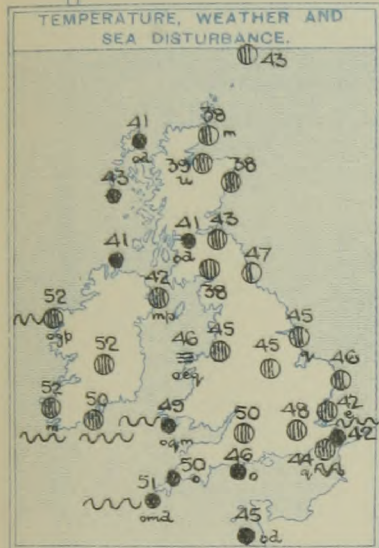
FURTHER OUTLOOK.

Temperature continuing above the normal and weather unsettled.

SYNOPTIC CHART FOR 7 a.m., Friday, 30th JANUARY, 1914.

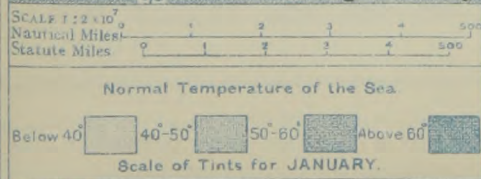
GENERAL INFERENCE.

The changes in the barometer and wind on our most western seaboard indicate that further depressions are approaching these Islands from the Atlantic. Mild Southerly and South-Westerly winds, with unsettled weather, are consequently likely to continue.



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 & clouded. ○ sky & clouded.
 ○ sky & clouded. ○ overcast sky. ● rain falling.
 * snow. ▲ hail. ☁ fog. ☁ mist. T, thunder.
 ⚡, thunderstorm.
SEA DISTURBANCE.—Rough ~~~~~ High ~~~~~.



DAILY WEATHER REPORT.

Friday, 30th January, 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.	Long.			Reading.	Change in 3 hours.	Dir.	Force.			Lat.	Long.			Reading.	Change in 3 hours.	Dir.	Force.	
					In.	In.		(0-12).							In.	In.		(0-12).	

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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
{ Oban ...	0.45	44	37	of op	of o	0.0	{ Ramsgate ...	0.02	49	40	*	*	1.0
{ St. Andrews ...				*	*		{ Folkestone ...	0.02	46	40	f	me	0.1
England, N.E.							{ Littlestone ...		*	*	*	*	0.3
{ Harrogate ...	0.05	47	36	bc bc	c.o	1.0	{ Hastings ...	0.04	45	42	odf	o	0.0
{ Scarborough ...	*	43	38	o.c	o.c	0.1	{ Bexhill-on-Sea ...	0.02	44	41	o	o.c.o	0.3
England, N.W.							{ Eastbourne ...	0.04	48	44	o	o bc	0.0
{ Morecambe ...	-	48	38	o	of	0.0	{ Seaford ...	0.03	45	41	o	o	0.1
{ Blackpool ...	0.10	47	41	oe	of	0.0	{ Brighton ...	0.03	46	41	o	o	0.0
{ Southport ...	0.09	48	42	of	of o	0.0	{ Worthing ...	-	47	43	o	o	0.0
Mid-lands.							{ Littlehampton ...	0.01	*	*	*	*	0.0
{ Buxton ...	0.31	46	37	bc of	of	0.0	{ Southsea ...	-	50	42	c.b.	c	0.0
{ Leamington Spa ...	-	49	35	o	o	0.0	{ Ryde ...	-	50	47	o	o	0.0
{ Malvern ...	-	48	?	bc	bc.o	0.0	{ Ventnor ...	0.03	51	44	*	*	0.0
Wales.							{ Bournemouth ...	0.03	50	45	od	od	0.0
{ Rhyl ...	0.15	50	36	o.c	c.o.	0.2	{ Aylth ...	0.03	44	38	f.o bc	o	0.0
{ Colwyn Bay ...	0.36	49	43	r	r.o bc	0.0	Weymouth ...	0.01	49	45	z.o	e.o.	0.0
{ Llandudno ...	0.32	49	45	of	bc	0.0	{ Exmouth ...	-	51	44	o	o	0.0
{ Bettws-y-Coed ...							{ Teignmouth ...	-	51	45	c	c	0.0
{ Aberystwyth ...	0.05	47	43	r.o	of o	0.0	{ Torquay ...	0.01	51	47	o	o	0.0
{ Tenby ...	0.13	49	42	of	of	0.0	{ Paignton ...	0.01	52	42	m.o bc	bc	0.2
England, E.							{ Falmouth ...	0.06	51	48	r.o	odq	0.0
{ Lowestoft ...	-	53	41	b bc	bc of	2.2	{ Bude ...	0.02	51	48	w.dp	odp	0.0
{ Felixstowe ...	-	47	39	c.b cm	cm o	2.3	{ Ilfracombe ...	0.06	51	47	o	of	0.0
{ Walton-on-Naze ...	0.01	47	38	bc m	cm o	1.8	{ Weston-super-Mare ...	0.03	50	40	c.b	c.c	0.0
{ Southend-on-Sea ...	-	47	39	bc b	b bc	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.					
Greenwich (Royal Obs.) ...	77	91	3.2	53	46	42	0.02	b bc	c.o.	odp o	Dublin to 4 p.m.	0.11	52	42	40	of f	fd c	c.o	*
City (Runhill Row) ...	*	*	1.7	*	*	*	*	*	*	*	Plymouth to 9 p.m.	0.04	51	47	46	of q	o	og	0.1
Westminster (St. James's Pk.)	82	93	2.7	52	47	43	0.02	b bc	bc.o.	of oe	Darwen	0.17	46	39	38	of q	of	of	0.0
Camden Sq. (Brit. Rainfall)	78	91	2.3	52	46	41	0.03	bc	bc.o	*	Manchester "	0.08	49	43	*	of	of	of	0.0
Hampstead (Reservoir) ...	*	95	2.1	50	44	35	0.04	bc	bc.o	0.0 f.o	Birmingham "	-	47	43	39	of	of	of	0.3
Richmond Park ...	*	*	2.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	*	50	45	41	o.c	c.o.	o	*
Kew. (See front page.)																			
S. Kensington (Roof of M.O.)	78	91	2.7	Total. 344 Joules		Average Rate. 10.7 Milli-watts.		Max. Rate. 27.0 Milli-watts.		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.

30th & 31st Jan., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.41 12.6	G.M.T. 12.6 4.32	G.M.T. 4.32 12.6
Greenwich ...	7.44 12.13	12.13 4.34	4.34 12.13
Wick ...	7.43 12.14	12.14 4.35	4.35 12.14
Valencia ...	8.26 12.25	12.25 4.25	4.25 12.25
	8.24 12.26	12.26 4.28	4.28 12.26
	8.27 12.54	12.54 5.22	5.22 12.54
	8.26 12.55	12.55 5.24	5.24 12.55

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 50° in many parts of the Kingdom, and the minima of the night were correspondingly high. Rain fell very generally, the quantity being slight to moderate. In most parts of the Kingdom there was no bright sunshine. Some places on the north-east and east coasts, however, and also in the London district, recorded more than 2 hours, and at Southend-on-Sea the figure was 4 hours.

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; 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.

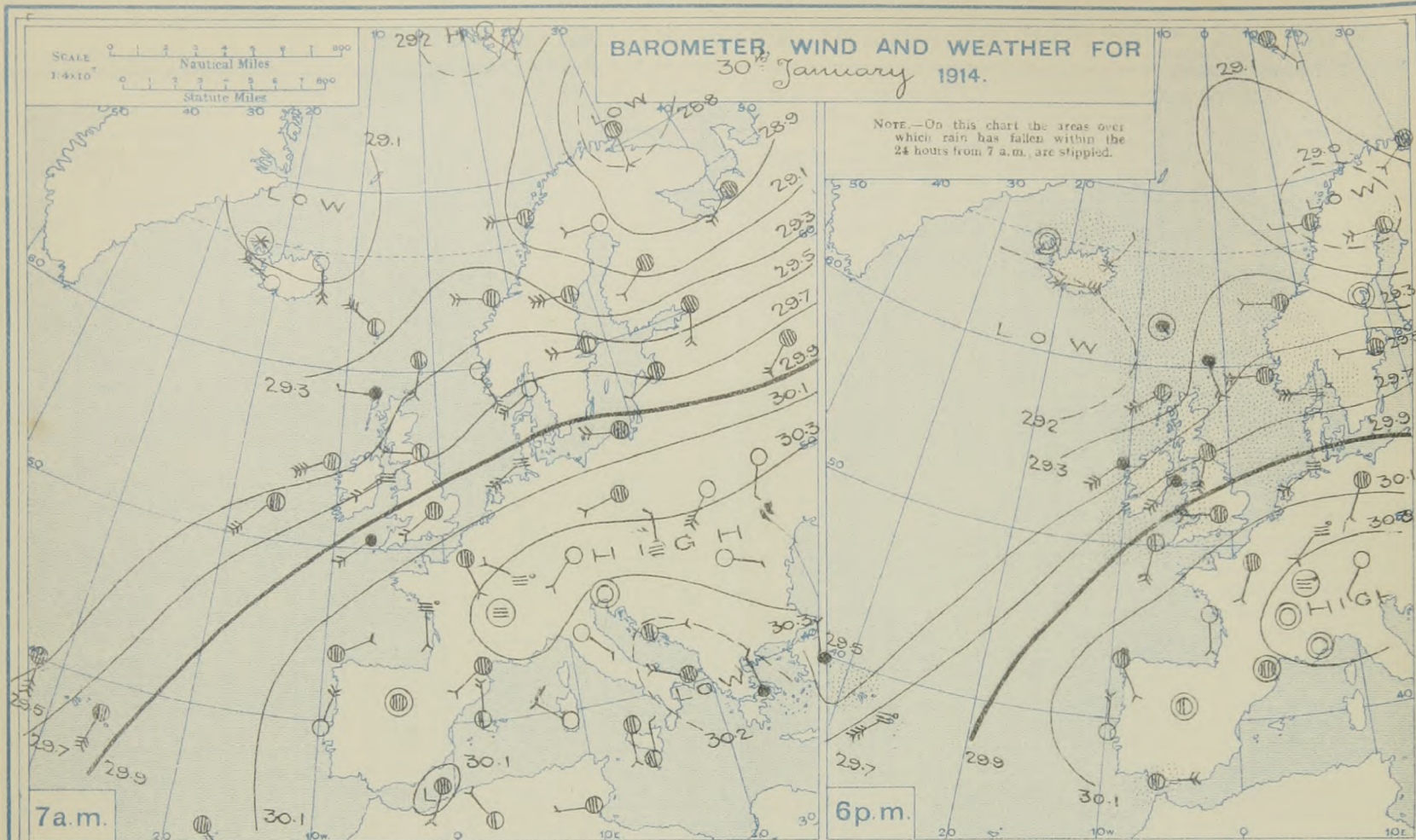
Saturday
31st January, 1914.

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).	TEMP.		WEATHER.						
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	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.					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.	C	ogpor	omr	Hours			
BRITISH ISLANDS.	Lerwick ...	29.35	43	SSE	3	or	29.10	-.02	50	+7	S	4	r	3	0.47	50	41	C	ogpor	omr			
	Stornoway ...	29.27	50	SW	6	cpq												or	or.cpq				
	Castlebay (Barra Isd.)	29.31	49	SW	5	r	29.09	-.10	50	+7	S	6	og	6	0.17	52	40	r	r	rg.o.	0.0		
	Glasgow ...	29.52	50	SW	5	og	29.45	-.04	49	+8	S	4	og	*	0.39	52	40	or	odq	opq.o.	0.0		
	Eskdalemuir ...	29.58	47	SSW	6	rg	29.52	-.09	44	+6	SSW	8	o	*	0.61	48	38	org	org	og	0.0		
	Malin Head...	29.42	50	SW	6	o	29.17	-.12	50	+9	SSW	8	o	7	0.08	51	41	cmq	ogin	ogq	*		
	Blacksod Point ...	29.43	53	SW	6	ogd	29.14	-.13	51	-1	SW	8	cmq	6	0.06	53	49	ogd	ogd	ogpd	*		
	Valencia ...	29.67	52	SSW	5	om	29.45	-.06	53	+1	S	6	og	5	0.19	53	51	orm	orm	omr	0.0		
	Roche's Point ...	29.78	50	SW	5	o	29.62	*	50	0	SW	7	o	6	0.15	50	49	om	odpm	dp.o.	*		
	Birr Castle ...	29.64	54	SSW	4	c	29.48	*	52	0	S	6	c	*	-	54	50	c	c	cq	0.0		
	Donaghadee ...	29.59	50	SSW	3	om	29.48	-.09	49	+7	S	4	omp	4	0.01	53	42	om	om	om.omp	*		
	Liverpool Obsy. ...	29.80	51	SW	5	o	29.75	-.03	50	+5	SSW	5	og	4	trace	52	45	o.c	og	og	0.0		
	Holyhead ...	29.79	49	SW	6	ormq	29.67	-.05	49	+3	SSW	6	og	6	trace	50	46	omq	o.dpo	op.cq	0.0		
	Pembroke (St. Ann's Hd.)	29.91	48	SSW	3	c	29.80	-.04	49	0	SSW	7	cgq	6	0.02	50	48	ogim	cq	cq	0.3		
	Newquay ...	29.99	49	S	4	bc	29.90	-.04	51	+1	SW	5	om	3	trace	52	46	od.om	o.c.bc	bc.om	0.0		
	Scilly (St. Mary's) ...	29.97	49	SSW	4	bcm	29.88	-.03	51	0	SSW	5	omd	6	0.02	51	49	cpm	cpq.me	b.om	0.7		
	Jersey (St. Aubin) ...	30.16	45	S	3	c	30.16	*	43	-2	S	4	om	4	0.01	51	40	o.bc.c	c	b.om	2.7		
	Portland Bill ...	30.07	47	SW	4	c	30.01	-.02	46	-1	SSW	4	o	4	0.02	48	44	od	c	o.b.bc.	*		
	Dungeness ...	30.10	45	SW	4	oe	30.10	-.01	43	-1	SW	5	oe	4	-	45	42	oe	oe	o.bc.oe	*		
	Dover ...	30.09	43	SW	5	od	30.09	*	42	0	SW	5	c	4	0.01	44	41	p.o	od	d.o.c.	0.0		
Wick ...	29.39	43	S	5	c	29.14	-.06	49	+11	SSW	6	cmq	4	0.06	49	37	embd	omr.c	cmq	*			
Nairn ...	29.33	48	W	1	og	29.16	*	56	+15	W	9	c	5	0.22	54	37	r.cd	p.bcq	q.c	0.2			
Aberdeen ...	29.42	49	SSW	4	c	29.36	-.05	50	+12	S	5	op	3	0.08	53	37	orm	o.cq	bcq.op	0.0			
Leith ...	29.50	54	SW	4	c	29.44	-.06	51	+8	SSW	3	d	*	0.10	55	41	o.c.c.	op.c	c.o.	*			
North Shields ...	29.68	50	SSW	5	o	29.63	-.03	51	+4	SW	4	o	2	trace	53	44	o	o	c	*			
Spurn Head ...	29.82	51	SW	5	c	29.82	+0.01	45	0	SW	5	cg	4	trace	51	43	cg	cg	c.bq	0.6			
Yarmouth ...	29.94	51	SW	2	c	29.98	0.00	43	-3	SW	3	bc	2	-	53	42	c	c	bc	0.0			
Clacton-on-Sea ...	30.03	42	SSW	3	ome	30.04	-.01	40	-2	SSW	3	bce	3	-	45	40	ome	ome	o.c.c.	0.0			
Nottingham...	29.90	52	SW	5	o	29.87	*	49	+4	SW	6	o	*	-	54	45	c.o	o	o.c.	0.0			
Bath ...	30.05	50	SW	5	o	29.97	*	49	-1	SW	6	o	*	0.01	54	47	od	op	og	0.0			
London (Kew Obsy.)...	30.06	49	W	3	o	30.02	-.01	46	-2	SW	3	o	*	trace	50	45	o.om	odm.o	o.c.o.	0.0			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.13	-20	SE	2	c	29.04	+0.04	-22	-5	E	6	b	*	-	-17	-40						
	Isafjord...	29.28	20	-	0	b	28.93	-.04	24	-4	N	9	s	*	*	*	*						
	Reykjavik ...	29.14	25	E	3	o	28.54	-.09	28	+7	ENE	6	s	*	*	*	*						
	Vestmanna ...	29.12	27	E	6	s	28.49	-.09	30	+2	SW	3	s	6	*	*	*	*					
	Seydisfjord ...	29.28	29	NE	1	s	28.41	-.58	29	0	NE	6	s	*	*	*	*						
	Thorshavn ...	29.28	37	-	0	r	28.59	-.19	49	+11	SSW	9	r	*	*	*	*						
SCANDINAVIA.	Haparanda ...	28.96	23	W	4	c	29.22	+0.11	11	0	N	2	o	*	0.16	25	9						
	Hernösand ...	29.27	30	-	0	b	29.36	+0.04	27	-6	-	0	b	*	-	36	25						
	Stockholm ...	29.58	34	W	2	o	29.48	+0.08	36	+3	WSW	2	o	*	-	36	32						
	Wisby ...	29.67	35	SW	2	o	29.60	+0.02	38	+1	WSW	4	c	*	0.16	41	34						
	Karlstad ...	29.56	34	-	0	o	29.49	-.02	36	+3	-	0	r	*	0.04	37	32						
	Vardö ...	29.15	21	SW	2	o	28.94	+0.06	14	-7	W	8	s	4	*	21	9						
	Bodö ...	28.97	27	W	1	o	29.17	+0.05	21	-14	E	2	b	1	*	35	19						
	Christiansund ...	29.33	40	W	3	o	29.22	-.10	38	-2	SE	1	o	5	0.79	41	37						
Skudenes...	29.55	42	W	4	o	29.39	-.02	46	+4	WSW	6	r	5	0.24	46	39							
Færder (X'ania Fjord)	29.53	36	S	1	f	29.44	-.02	38	+1	SW	2	f	2	-	38	34							
The Scaw (Skagen)...	29.59	43	W	6	m	29.56	-.01	45	+7	W	7	m	2	0.04	45	34							
Blaavands Huk ...	29.77	40	WSW	4	f	29.79	-.01	41	+2	WSW	4	o	3	0.04	41	39							
GERMANY, &c.	Cuxhaven ...	29.94	40	SW	4	m	29.99	0.00	40	+1	SW	5	o	2	-	41	39						
	Berlin ...	30.07	41	SW	2	o	30.12	+0.02	40	+3	SW	2	o	*	trace	46	37						
	Frankfurt ...	30.29	36	SW	2	m								*	*	*	*						
	Munich ...	30.36	27	SW	1	b	30.43	+0.02	26	+7	SW	2	c	*	-	30	19						
	The Helder ...	29.99	41	SSW	5	o	30.05	+0.01	39	0	SSW	5	c	3	0.04	41	39						
	Brussels ...	30.20	40	SW	1	o	30.21	0.00	35	-4	SW	1	b	*	0.04	42	34						
FRANCE.	C. Gris Nez...	30.12	42	SW	6	o	30.10	-.01	39	-1	SSW	6	bc	5	0.12	45	39						
	La Hève ...	30.18	44	SSW	3	c	30.19	*	36	-5	SSW	4	m	3	-	41	34						
	Ushant...	30.07	51	SW	4	o	30.07	*	51	0	SW	6	o	7	-	52	46						
	Brest (St. Mathieu) ...	30.15	49	SSW	4	o	30.12	0.00	50	+1	S	4	o	5	-	52	48						
	Lorient (Bec Melen)...	*	46	SSE	3	bc	*	*	48	+1	SW	3	o	3	-	52	43						
	Rochefort (Ile d' Aix)	30.23	43	S	2	b	30.28	+0.01	37	+3	S	3	b	*	trace	50	32						
	Biarritz ...	30.21	50	E	1	b	30.28	+0.01	46	+8	SSE	2	b	4	-	57	38						
	Paris ...	30.26	37	S	2	o	30.28	+0.01	29	-7	SSE	2	o	*	-	40	29						
Belfort ...	30.36	26	-	0	m	30.39	*	26	+16	WSW	2	bc	*	-	35	10							
Lyons ...																							

GALES.

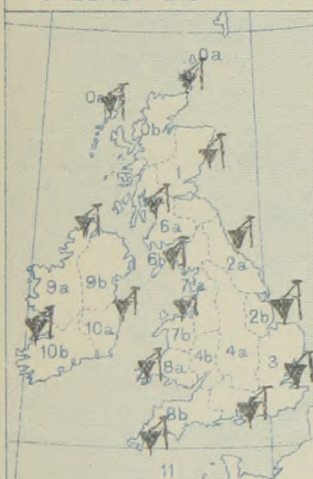
Duration and Extreme Force
in British Islands

Castlebay, 10 p.m. - between Midt. and Jam.
Extreme S.W. at Midt.
Glasgow, 7 p.m. - between Midt. and Jam.
Extreme S.W. 8.
Eskdalemuir, (1) 4 p.m.
Squall SSW 8
(2) 8 p.m. - 11 p.m.
Extreme S.W. 8.
(3) 5 a.m. - 7 a.m.
Extreme SSW 9.
Malin Head, 11



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 8.25 a.m. in ALL Districts.

Western Channel and Bay. 11

0 { a } Wind Southerly or South-Westerly, strong or high,
b } a gale at times; squally, some rain; very mild, then cooler.

2 { a } South-Westerly winds, becoming strong or high, a
b } gale in exposed places; much cloud, some rain; mild.

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

8 { a } Same as Nos. 2 to 5.
b }

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

10 { a } Southerly and South-Westerly winds, strong to a gale;
b } sea rough; some mist and rain.

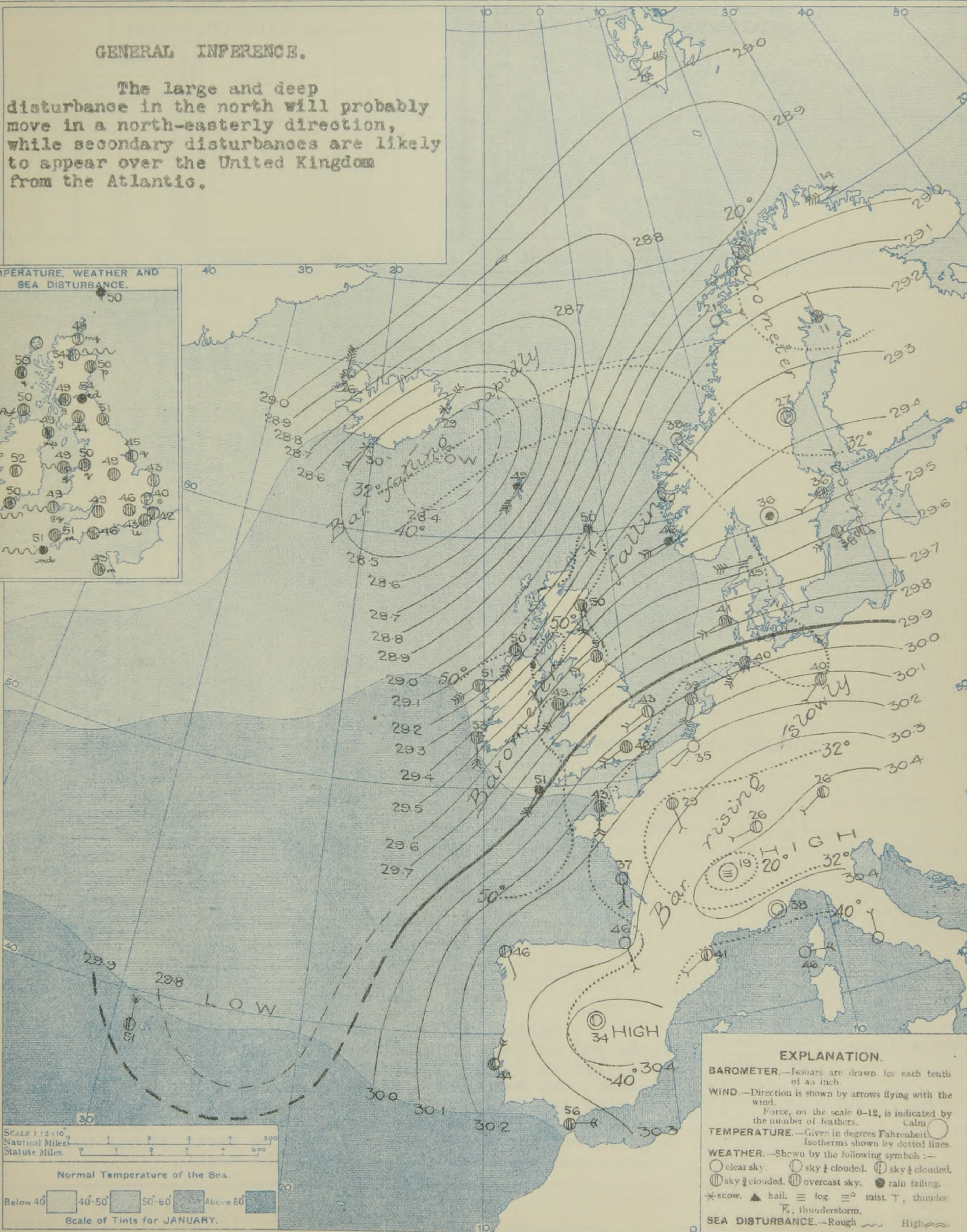
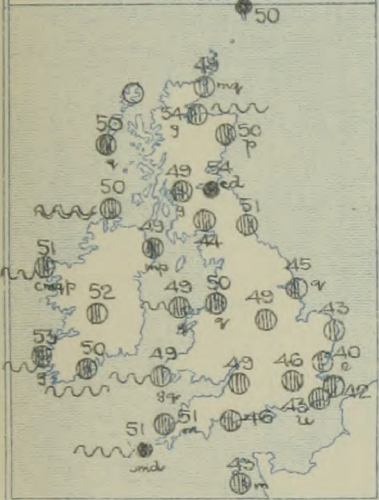
FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 31st JANUARY, 1914.

GENERAL INFERENCE.

The large and deep disturbance in the north will probably move in a north-easterly direction, while secondary disturbances are likely to appear over the United Kingdom from the Atlantic.

TEMPERATURE, WEATHER AND SEA DISTURBANCE.



DAILY WEATHER REPORT.

Saturday, 31st January, 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.	
30th, Jan	51	15	St. Paul	0	?	-14	SW	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.
(St. Andrews ...)	0.28	52	34	rg	rg	0.0	Ramsgate ...	0.02	47	42	*	*	0.0
Eng. N.E.							Folkestone ...	0.03	43	41	1.e	oe	0.0
(Harrogate ...)	0.01	51	41	0	0	0.0	Littlestone ...	*	*	*	*	*	0.0
(Scarborough ...)	*	53	42	0	0	0.0	Hastings ...	0.09	44	42	of.o	0	0.0
Eng. N.W.							Bexhill-on-Sea ...	0.10	43	42	fo	0	0.0
(Morecambe ...)	0.05	49	42	d	0	0.0	Eastbourne ...	0.18	49	43	0	0	0.0
(Blackpool ...)	0.01	50	43	0	0	0.0	Seaford ...	0.13	44	42	0	0	0.0
(Southport ...)	0.02	51	42	0	0.0	0.2	Brighton ...	0.14	46	43	of.o	0	0.0
Mid- lands.							Worthing ...	0.12	46	44	0	0	0.0
(Buxton ...)	0.05	49	41	of	c	0.0	Littlehampton ...	0.07	*	*	*	*	0.0
(Leamington Spa ...)	-	53	46	0	0	0.0	Southsea ...	-	48	46	c	c	0.0
(Malvern ...)	-	52	48	bc	bc.c.o.	0.0	Ryde ...	0.03	49	48			0.0
Wales.							Ventnor ...	0.09	50	44	*	*	0.0
(Rhyl ...)	0.03	53	43	c.bc	bc.c.	1.6	Bournemouth ...	0.20	51	45	0	0	0.0
(Colwyn Bay ...)	0.05	55	45	bc.b.	b.bc.	2.0	Hythe ...	0.01	47	41	oge	0	0.0
(Llandudno ...)	0.03	52	45	0	0	0.0	Weymouth ...	0.25	49	46	mod	bc	0.0
(Bettws y-Coed ...)	0.05	50	46	fo	0.0	0.2	Exmouth ...	0.07	52	47	0	0	0.0
(Aberystwyth ...)	0.05	50	46	fo	0.0	0.2	Teignmouth ...	0.11	51	48	od.c.	c	0.0
(Tenby ...)	0.14	50	48	o.c.	fo.	0.5	Torquay ...	0.25	50	47	0	0	0.0
England, E.							Paignton ...	0.28	51	48	of.d	c.bc	0.0
(Lowestoft ...)	0.02	52	41	0	0	0.0	Falmouth ...	0.53	51	47	rg	q.c.b.	0.0
(Felixstowe ...)	0.01	50	41	m.o	c.om	0.1	Bude ...	0.15	53	49	dpd	c.bc.b.	0.0
(Walton-on-Naze ...)	-	48	40	cdm	om	0.0	Ilfracombe ...	0.20	53	42	0	od.o.c.	0.0
(Southend-on-Sea ...)	0.01	46	42	0	0	0.0	Wreston-super-Mare ...	0.30	52	44	o.c.	c.b.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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	92	84	0.0	51	43	38	0	0	0.0
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	91	85	0.0	51	45	41	0	0	0.0
Camden Sq. (Brit. Rainfall)	91	81	0.0	51	44	38	0	0	*
Hampstead (Reservoir) ...	*	85	0.0	48	42	32	0	0	0.0
Richmond Park ...	*	*	0.0						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	90	91	0.0	Total.	Average Rate.	Max. Rate.			
				100 Jones	3.1 Milliwatts.	7.5 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.	0.01	55	43	42	0.0	0.0	0.0	*
Plymouth to 9 p.m.	0.23	50	47	47	0.0	0.0	0.0	0.0
Darwen	0.01	50	39	36	0.0	0.0	0.0	0.0
Manchester	0.03	50	44	40	0.0	0.0	0.0	0.0
Birmingham	-	52	45	40	0.0	0.0	0.0	0.0
Oxford to 8 p.m.	*	54	47	45	0.0	0.0	0.0	*
S. Kensington (Museum Grounds to 6 p.m.)	0.02	51	46	42	0.0	0.0	0.0	*

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

31st Jan. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.40	G.M.T. 12.7	G.M.T. 4.34
Greenwich ...	7.38	12.7	4.36
Wick ...	7.43	12.4	4.45
Valencia ...	7.41	12.14	4.47
	8.24	12.26	4.28
	8.21	12.26	4.31
	8.26	12.55	5.24
	8.25	12.55	5.25

NOTES ON YESTERDAY'S WEATHER.

During yesterday or in the night temperature rose to above 50° in most parts of the Kingdom, the highest reading being 55° at Leith. Rain has fallen except in the east of England, the quantity being slight generally, but large in some Scottish localities. Scarcely any bright sunshine was recorded except at Scilly and in some parts of Wales. The wind rose to a gale from the South-Westward on some parts of our north-western and northern coasts during the night.

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.

ADDITIONS AND CORRECTIONS
TO THE
DAILY WEATHER REPORT.

JANUARY, 1914.

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.			
		Barom.	Temp.	Wind.			Barometer.	Temp.	Wind.								Temp.	GALES.		
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain-fall.	Max.	Min.	Duration and Extreme Force in British Islands		
		In.	°				In.	In.	°						In.	°	°			
1st	Spitzbergen	29.10	25	SE	4	o	29.04	+0.1	18	-4	ENE	7	bc	.	-	25	16	12th, Larmouth Extreme ENE 8 at 1 p.m.		
"	Wesby	?	21	ENE	4	o	30.23	-0.7	30	-8	WSW	6	o	.	-	38	19			
"	Karlstad	30.34	0	-	0	b	30.00	-0.2	33	+30	S	4	bc	.	-	34	0	25th, Loholamur. Squall SW 8 at 3 p.m.		
"	Corunna	30.42	45	ENE	1	b	30.56	00	40	+3	NNE	3	o	2	-	46	36			
"	Lunchal	30.19	61	?	?	bc	30.23	+0.1	59	0	?	?	r	?	0.16	68	59	27th, Alinden 10 p.m. Squall WNW 39 m.p.h.		
2nd	Raykjuvik	.	.	.	.	.	29.92	+0.1	35	0	E	3	o	.	.	.	.
"	Vistmannu	.	.	.	.	.	29.98	+0.6	38	+2	-	0	r	1	.	.	.	29th, Alinden 7 p.m. Squall WSW 43 m.p.h.		
"	Frankfurt	.	.	.	.	.	30.54	-0.1	20	+4	SW	1	m	.	-	23	7			
"	Sanguinaire	30.13	45	NE	3	o	30.29	.	43	.	E	3	o	5	-	48	39	31st, Stormway 4 a.m.-7 a.m. Squalls SW 9.		
"	Corunna	30.58	44	E	3	o	30.58	00	45	+5	NNE	3	o	3	0.12	50	32			
3rd	Lorient	.	46	NE	2	o	.	.	46	+5	N	3	o	2	-	46	41	Corrections 26th, Larmouth 7 a.m.-10 a.m. Extreme S 9.		
"	Lunchal	30.26	57	N	3	b	30.40	+0.3	56	-4	N	3	o	3	-	63	54			
4th	Spitzbergen	29.97	-18	-	0	b	29.99	.	-17	-7	-	0	b	.	.	.	.	26th, Loholamur 4 p.m.-11 p.m. Extreme SSW 9 at 8 p.m.		
"	Vardö	29.55	22	NE	4	o	29.52	-0.2	19	-1	N	2	s	3	.	23	16			
"	Dunroby	30.52	37	ESE	3	c	30.55	00	36	+6	SE	2	o	1	-	37	30	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
6th	Corunna	30.28	50	SSE	3	o	30.22	00	50	+2	SW	3	r	7	0.04	52	46			
"	Lunchal	30.32	59	S	1	c	30.39	+0.1	58	+2	S	1	o	2	-	63	56	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
14th	Lorient	30.26	34	NE	6	bc	30.23	.	38	+3	NE	4	o	2	-	39	35			
16th	Lorient	30.13	39	NE	5	b	30.04	.	28	-6	ENE	3	b	2	-	39	27	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
19th	Corunna	30.02	51	SE	2	o	29.71	-0.8	45	+2	SSE	3	o	3	0.08	52	39			
"	Lisbon	30.08	50	-	0	bc	29.87	-0.2	55	+6	WNW	4	c	7	0.35	55	48	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
"	Lunchal	30.16	61	W	2	o	30.15	00	62	+3	W	2	r	2	0.47	66	59			
20th	Lorient	29.86	30	E	4	o	29.93	.	28	-2	ENE	3	o	5	-	39	23	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
"	Corunna	29.71	51	SSE	3	r	29.82	+0.4	50	+5	W	6	o	6	0.47	51	45			
"	Lisbon	29.94	53	W	4	bc	29.99	+0.5	55	0	WNW	4	o	6	0.04	59	52	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
"	Lunchal	30.22	58	N	2	b	30.21	+0.2	56	-6	NW	1	c	2	-	68	55			
21st	Belfast	29.92	23	FNE	4	m	30.03	.	21	-2	E	3	f	.	-	25	21	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
22nd	Lisbon	30.01	57	N	4	o	30.05	+0.2	52	-6	NNW	4	o	6	-	59	52			
23rd	Castell Bay, 8 a.m.	.	.	.	.	.	29.92	-0.2	42	.	SSE	5	o	6	.	.	.	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
24th	Lorient	30.12	36	E	2	b	30.28	.	28	.	ESE	1	m	2	-	39	25			
"	Lisbon	30.08	50	NE	4	bc	30.15	+0.7	45	-5	NNE	4	b	6	0.39	52	43	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
26th	Sanguinaire	.	49	N	2	m	.	.	47	.	E	2	m	3	-	52	43			
"	Corunna	30.31	54	SSE	1	b	30.40	00	43	+6	SSE	1	o	5	-	55	36	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
27th	Vardö	28.89	32	S	2	o	29.11	.	16	-5	N	3	o	4	.	.	.			
"	Lisbon	30.23	52	NE	3	o	30.18	+0.3	50	+5	NE	5	o	6	-	54	45	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
"	Lunchal	30.26	56	N	4	c	30.13	+0.1	54	+1	N	4	o	4	?	64	53			
28th	Lunchal	29.97	54	NW	3	c	29.93	00	55	+1	NW	3	r	3	0.20	61	54	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
29th	Stafford	.	.	.	.	.	29.02	+0.3	20	-3	N	9	o	.	.	.	.
30th	Frankfurt	.	.	.	.	.	30.29	+0.1	33	+3	SW	3	m	.	0.04	34	30	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
"	Lorient	30.16	48	SW	3	c	30.14	.	47	+1	SW	3	c	2	-	52	41			
31st	Stormway	.	.	.	.	.	29.06	-10	50	+9	SW	8	r	7	0.73	52	36	29th, Loholamur 3 p.m. Squall W 8 and 10 p.m. Extreme W 8.		
"	Lunchal	30.10	62	ESE	2	bc	30.11	+0.1	62	+1	ESE	3	o	3	-	68	57			

WEATHER.

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.	Sun- shine for Yester- day.
			Hours.
			00

REPORTS FOR JANUARY, 1914.

2.—CORRECTIONS.

DATE.	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.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
				At 32° Fabr. and M.S.L., Lat. 45°.	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fabr. and M.S.L., Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.			Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'a. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
1st	Lerwick	In.	.	.	.	.	In.	In.	.	.	.	.	.	In.	.	.	.	.	.	.	Hours.
"	Eskeleimur	30.62	36	.	.	.	30.10	.	.	.	.	.	.	.	.	.	.	.	.	.	3.6
"	Malin Head	.	.	.	.	.	20.54	.	.	.	.	.	.	.	.	.	.	.	.	.	5.7
"	Valencia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Barra Castle	.	.	.	.	.	.	.	.	.	.	.	.	.	34	.	.	.	.	.	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Hermesand	29.99	27	-	0	r	29.62	- .05	35	+ 37	SW	2	0	.	36	- 9	.	.	.	.	.
"	Stockholm	30.29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Skudesnes	.	.	.	.	.	.	.	.	.	.	.	.	.	42	.	.	.	.	.	.
"	Jaerder	.	.	.	.	.	.	.	.	.	.	.	.	.	40	.	.	.	.	.	.
2nd	Eskeleimur	30.50	.	.	.	.	30.42	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Dover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3rd	Selly	.	.	.	.	.	.	.	.	.	NNW	.	.	.	30	.	.	.	.	.	.
5th	Holyhead	.	49	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Dover	30.06	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6th	Eskeleimur	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	03p	.	.	.	.
"	Portland Bill	.	.	.	.	.	.	.	.	.	.	.	.	.	47	.	.	.	.	.	.
"	Leith	.	.	.	.	.	.	.	.	.	.	.	.	008	.	.	.	.	.	.	.
"	Shields	.	33	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7th	Eskeleimur	.	32	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8th	Dungness	.	.	.	.	.	.	.	.	.	.	.	.	.	.	28	.	.	.	.	.
"	Haurh	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	cg	q. bc.	bc. m. o.	.	.
"	London (New Day)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9th	Eskeleimur	29.53	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Donaghadee	.	.	.	.	.	.	.	52	.	.	.	.	.	.	.	.	.	.	.	.
"	Dath	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Hermesand	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10th	London (New Day)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11th	Eskeleimur	.	.	.	.	.	.	.	.	.	.	.	.	.	0.17	.	.	.	.	.	.
"	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12th	Castellary	.	.	.	.	.	.	.	39	.	.	.	.	.	.	39	odm om	om	.	.	.
"	Eskeleimur	30.50	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Dungness	.	.	.	.	.	.	.	.	.	.	.	.	.	.	38	c. bc. b	.	.	.	4.8
"	Blacken-on-Sea	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13th	Castellary	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Pembroke	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30	.	.	.	.	.
"	Dover	.	.	.	.	.	.	.	.	.	.	.	.	.	30	.	.	.	.	.	.
14th	Penryn	.	.	.	.	.	.	.	.	.	.	.	.	.	38	.	.	.	.	.	.
15th	Murich	.	.	.	.	.	30.06	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Glasgow	.	.	.	.	.	30.51	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16th	Wick	.	.	.	.	.	.	.	.	.	SW	1	.	.	.	.	.	.	.	.	.
"	Glasgow	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17th	Glasgow	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	38	bc. og	og	bl. fog	.	.
18th	Harpende	.	.	.	.	.	29.43	.	.	.	.	.	.	.	.	.	cg. bc	.	.	.	.
19th	Castellary	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Eskeleimur	.	.	.	.	.	.	.	- 2	.	.	.	.	.	.	31	o. or. o	.	.	.	.
"	Portland Bill	.	.	.	.	.	29.99	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20th	Yarmouth	30.15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Castellary	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	om. og	.	.	.	.
"	London (New Day)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21st	Castellary	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
"	Blackhead Point	.	.	.	.	.	29.89	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
22nd	London (New Day)	30.05	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
23rd	Spurn Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
"	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	34	.	.	.	0.0	.
"	Pembroke	.	.	.	.	.	30.08	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
24th	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
"	Valencia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.0	.
26th	London (New Day)	.	.	.	.	.	30.29	.	.	.	.	.	.	.	.	.	.	.	.	0.4	.
"	Eskeleimur	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Pembroke	.	.	.	.	.	.	.	4.5	- 4	.	.	.	.	.	.	.	.	omd	.	.
"	Yarmouth	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27th	Belfort	30.58	.	.	.	.	30.46	.	.	.	.	4	.	.	.	.	.	.	.	.	.
"	Lerwick	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Yarmouth	.	.	.	.	.	30.03	.	.	.	.	.	.	.	.	35	.	.	.	.	.
"	Blacken-on-Sea	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Ushant	.	.	.	.	.	.	.	4.8	- 1	.	.	.	.	.	.	.	.	.	.	.
29th	Eskeleimur	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Donaghadee	.	.	.	.	.	29.87	.	.	.	.	.	.	.	.	.	.	.	cg. bc.	.	.
"	Sanguinaria	30.12	47	-	0	b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30th	Malin Head	29.61	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	Yarmouth	.	.	.	.	.	29.87	.	.	.	.	.	.	.	.	.	.	.	do. b. o.	.	.
"	London (New Day)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31st	Eskeleimur	29.59	.	.	.	.	.	.	.	.	.	9	.	.	.	.	.	.	.	.	.
"	Pembroke	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
"	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	44	.	.	.	.	0.0

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS—JANUARY, 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.															
											8th	7th, Jan.			Lapland		2944	-17			
															Grampian		2991				
												bpm.					2977				
											10th	9th, "	51	21	Virginian						
												10th, Jan.	51	15							
											11th	"		23	Canada						
												bpm.	50	18				+10			
											12th	11th, Jan.	51								
															Pretorian		2985	+10			
											14th	13th			Ascania			+09			
											15th	14th			Mesaba		3013			9	
												bpm.			Finland						r
											16th	15th			Andania		2999	-03			
											18th	17th			Minneapolis		2984	+05			
											22nd	21st, Jan.			Samland		2940			7	
															Alauria					7	
												22nd	50								
											23rd	"			St. Paul		2942				
															Samland		2944			3	
												bpm.					2953			4	
															St. Paul		2943				
												23rd, Jan.					2980				
											24th	"			Samland		2977				