

METEOROLOGICAL OFFICE.

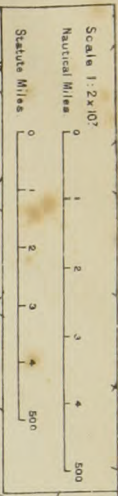
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DAILY WEATHER REPORTS.

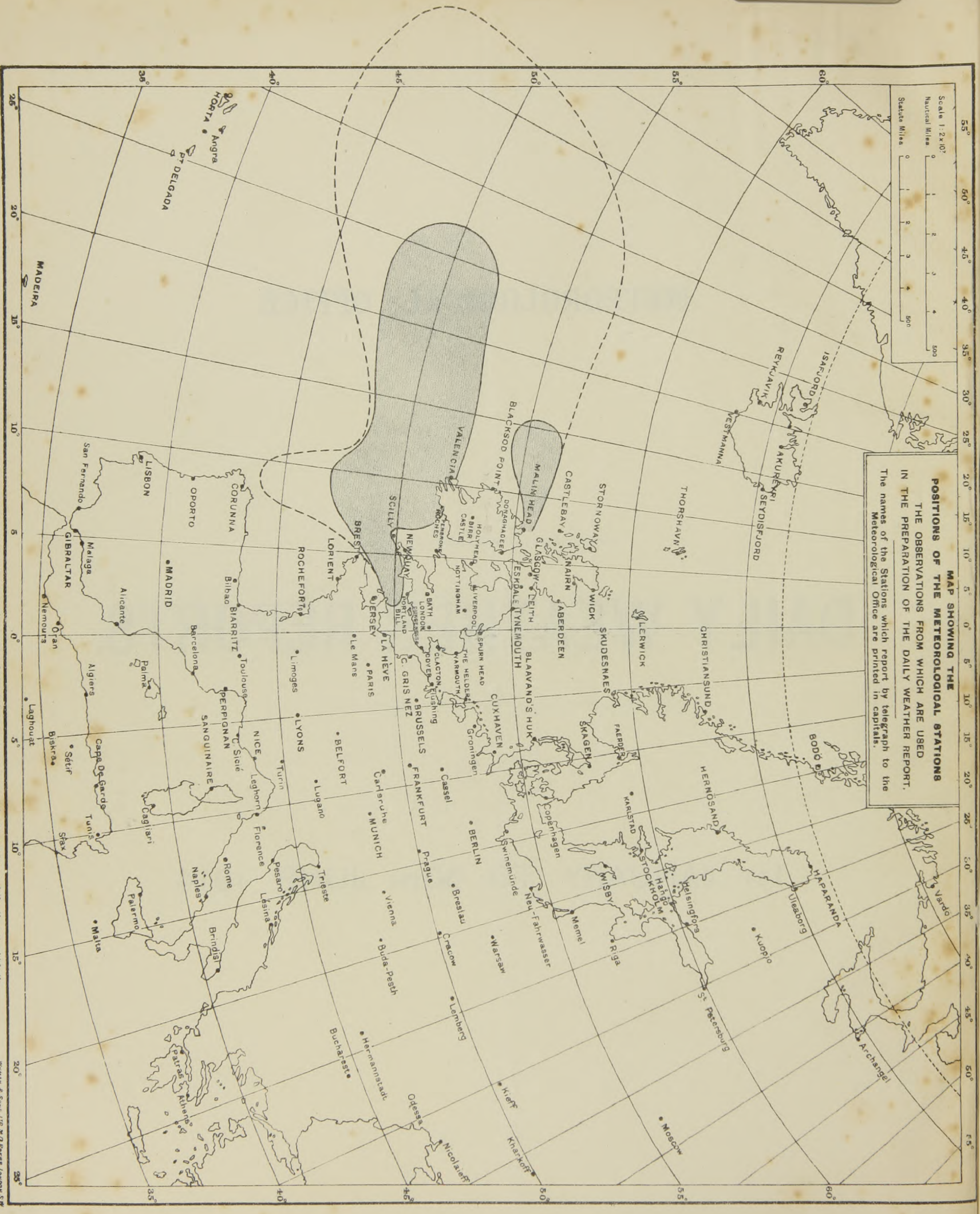
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1<sup>ST</sup> JANUARY TO 30<sup>TH</sup> JUNE 1914.





**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 this 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 picked lines indicate the limits of the areas from which they were received within 24 hours.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

## CHANGE OF UNITS OF MEASUREMENT.

## BAROMETRIC PRESSURE IN PRESSURE UNITS.

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

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

*Reasons for the Change.*

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

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

*The Scientific Appeal.*

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

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

*The Upper Air.*

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

*Practical Considerations.*

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

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

*The Percentage Barometer.*

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

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



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

*Practical Course to be pursued.*

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

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

RAINFALL DATA IN MILLIMETRES.

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

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

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

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

WIND VELOCITIES IN METRES PER SECOND.

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

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

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

W. N. SHAW,  
*Director.*



## CONVERSION TABLES.

## PRESSURE VALUES.

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

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

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

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

Differences for tenths of a millibar :—

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

## RAINFALL VALUES.

Equivalents in Millimetres of Inches.

1 Inch = 25.4 Millimetres.

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

Equivalents in Inches of Millimetres.

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

## WIND VELOCITY.

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

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

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

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



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

Beaufort Number.	General Description of Wind.	Specification of Beaufort Scale.		Mean wind force at standard density.		Equivalent velocity in miles per hour.*†	Limits of Velocities.§		Beaufort Number.
		For Coast Use, based on Observations made at Scilly, Yarmouth, and Holyhead.	For use on Land, based on Observations made at Land Stations.	mb.	Lbs. per sq. ft.		Statute Miles per Hour.	Metres per Second	
0	Calm ... ..	Calm ... ..	Calm ; smoke rises vertically ... ..	0	0	0	Less than 1	Less than 0·3	0
1	Light air ...	Fishing smack* just has steerage way.	Direction of wind shown by smoke drift, but not by wind vanes.	·01	·01	2	1-3	0·3-1·5	1
2	Slight breeze...	Wind fills the sails of smacks, which then move at about 1-2 miles per hour.	Wind felt on face ; leaves rustle ; ordinary vane moved by wind.	·04	·08	5	4-7	1·6-3·3	2
3	Gentle breeze	Smacks begin to careen, and travel about 3-4 miles per hour.	Leaves and small twigs in constant motion ; wind extends light flag.	·13	·28	10	8-12	3·4-5·4	3
4	Moderate breeze	Good working breeze ; smacks carry all canvas, with good list.	Raises dust and loose paper ; small branches are moved.	·32	·67	15	13-18	5·5-8·0	4
5	Fresh breeze ...	Smacks shorten sail ... ..	Small trees in leaf begin to sway ; crested wavelets form on inland waters.	·62	1·31	21	19-24	8·1-10·7	5
6	Strong breeze	Smacks have double reef in main sail. Care required when fishing.	Large branches in motion ; whistling heard in telegraph wires ; umbrellas used with difficulty.	1·1	2·3	27	25-31	10·8-13·8	6
7	High wind ...	Smacks remain in harbour, and those at sea lie to.	Whole trees in motion ; inconvenience felt when walking against wind.	1·7	3·6	35	32-38	13·9-17·1	7
8	Gale ... ..	All smacks make for harbour, if near.	Breaks twigs off trees ; generally impedes progress.	2·6	5·4	42	39-46	17·2-20·7	8
9	Strong gale ...	... ..	Slight structural damage occurs (chimney pots and slates removed).	3·7	7·7	50	47-54	20·8-24·4	9
10	Whole gale ...	... ..	Seldom experienced inland ; trees uprooted ; considerable structural damage occurs.	5·0	10·5	59	55-63	24·5-28·4	10
11	Storm ... ..	... ..	Very rarely experienced ; accompanied by widespread damage.	6·7	14·0	68	64-75	28·5-33·5	11
12	Hurricane ...	... ..	... ..	8·1	Above 17·0	Above 75	Above 75	33·6 and above.	12

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

<sup>†</sup> For converting estimates on the Beaufort scale into miles per hour (anemometer factor, 2·2).

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

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

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

## Scale for Sea Disturbance.

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



# DAILY WEATHER REPORT. APPENDIX I.

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

### SECOND QUARTER, APRIL TO JUNE.

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

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 Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
Sumburgh Head.....	In. 29°844	39°8	38°2	45°9	36°9	59	1901	21	1899	19	In. 2°02	—	% —
Stornoway.....	29°865	40°6	39°2	49°1	37°2	67	1893	20	1881	18	2°77	159	37
Castlebay (Barra Isd.)..	[29°876]++	[42°3]++	[40°5]++	[47°2]++	[39°7]++	[54]++	[1908]++	[27]++	[1908]++	[21]++	[3°26]++	[177]++	[42]++
Malin Head.....	29°867	42°3	40°9	[49°4]†	[40°7]†	[67]†	[1900]†	[26]†	[1908]†	[19]†	[1°90]†	—	—
Blackod Point.....	29°914	45°0	43°0	[51°4]†	[41°9]†	[71]†	[1893]†	[29]†	[1897]†	[20]†	[2°95]†	—	—
Valencia.....	29°855	44°9	43°0	53°4	43°5	70	1892	30	1879, 92, 97, 98, 06	20	3°93	159	39
Roche's Point.....	29°957	44°2	43°1	52°9	42°2	72	1893	29	1908	16	3°14	—	—
Birr Castle.....	29°940	42°7	41°3	54°0	38°1	73	1893	21	1892	16	2°21	153	37
Donaghadee.....	29°933	41°5	40°1	50°7	40°1	67	1909	28	1908	16	2°07	—	—
Liverpool (Observatory)	29°936	42°3	40°2	52°3	40°1	75	1893	28	1908	14	1°69	[175]++	[42]++
Holyhead.....	29°926	44°1	42°4	51°0	41°4	75	1893	30	1908	15	2°14	—	—
Pembroke (St. Ann's Hd.)	29°929	43°2	42°0	50°3	41°9	70	1893	29	1908	15	2°11	178	43
Scilly (St. Mary's).....	30°066	45°9	44°0	52°6	44°7	66	1893	32	1876	16	2°13	181	44
Jersey (St. Aubin's).....	29°961	46°2	43°9	54°3	43°6	77	1893	32	1876, 92, 00, 03, 08, 10, } [1908]†	15	2°13	193	47
Portland Bill.....	29°938	44°1	42°3	51°7	42°3	[65]†	[1901, 04]†	[30]†	[1908]†	13	1°65	—	—
Dungeness.....	29°922	43°8	42°2	51°5	40°7	67	1901	24	1903	13	[1°34]†	—	—
Dover.....	[29°944]++	[43°9]++	[42°3]++	[52°0]++	[39°6]++	[66]++	[1909]++	[29]++	[1908]++	[15]++	[1°94]++	[200]++	[49]++
Wick.....	29°859	40°3	38°5	49°1	36°7	78	1900	20	1905	18	1°96	—	—
Nairn.....	29°872	39°7	37°5	51°4	36°0	71	1900	18	1908	16	1°45	[144]**	[34]**
Aberdeen.....	29°899	41°3	39°5	49°5	37°6	74	1900	22	1908	18	2°09	157	37
Leith.....	29°904	42°2	40°0	52°2	37°8	73	1900	17	1908	14	1°46	—	—
North Shields.....	29°915	41°0	39°4	49°9	37°7	71	1892	23	1908	15	1°63	—	—
Spurn Head.....	29°909	42°4	41°0	49°2	40°0	[67]*	[1885]*	[30]*	[1881, 89, 03, 05]*	14	1°19	—	—
Yarmouth.....	29°921	42°8	40°7	49°4	39°7	72	1885	25	1878	15	1°61	[206]++	[50]++
Clacton-on-Sea.....	29°936	43°4	41°5	50°7	40°1	[69]†	[1907, 09]†	[29]†	[1903]†	12	1°50	[188]†	[46]†
Nottingham.....	29°937	42°5	39°8	54°1	37°9	79	1876	23	1888	16	1°63	[152]†	[37]†
Bath.....	29°860	42°7	40°9	54°6	38°7	[74]†	[1901]†	[26]†	[1906, 08]†	13	2°17	149	36
Oxford.....	29°905	43°7	41°1	54°9	38°6	80	1893	23	1892	14	1°73	163	37
LONDON { Westminster	29°941	43°0	41°2	[54°9]†	[40°2]†	[72]†	[1907]†	[29]†	[1910]†	[16]†	[1°80]†	121	29
LONDON { Kew.....	29°957	42°5	40°3	54°7	39°5	89	1900, 01, 1893	27	1887, 91	13	1°66	153	37
Sumburgh Head.....	29°904	43°8	42°1	49°9	40°2	63	1895	27	1877	18	1°91	—	—
Stornoway.....	29°893	46°4	44°5	53°3	41°2	75	1908	26	1906	19	2°53	192	37
Castlebay (Barra Isd.)..	[29°940]++	[48°2]++	[46°1]++	[53°7]++	[45°3]++	[70]++	[1908, 10]++	[32]++	[1909]++	[21]++	[2°45]++	[220]++	[44]++
Malin Head.....	29°868	46°9	46°0	[54°1]†	[44°9]†	[73]†	[1908]†	[35]†	1886, 91, 97, 04, } [1910]†	[18]†	[2°10]†	—	—
Blackod Point.....	29°890	49°3	47°5	[55°9]†	[45°9]†	[75]†	[1890]†	[34]†	[1910]†	[19]†	[2°87]†	—	—
Valencia.....	29°915	50°1	48°1	57°6	46°0	74	1884, 95, 97	34	1877, 85, 96	18	3°15	207	43
Roche's Point.....	29°938	49°7	48°2	57°7	46°3	73	1896	35	1909	15	2°59	—	—
Birr Castle.....	29°925	50°1	48°0	59°6	42°5	77	1881, 95	28	1877	15	2°29	185	38
Donaghadee.....	29°929	46°8	45°3	55°8	44°0	70	1896	33	1909	16	2°35	—	—
Liverpool (Observatory)	29°946	49°1	46°7	58°0	45°0	80	1895	30	1883	15	1°99	[239]++	[49]++
Holyhead.....	29°927	49°7	48°0	56°8	45°6	74	1895	37	1894, 03, 07, 09	14	1°97	—	—
Pembroke (St. Ann's Hd.)	29°926	48°5	47°3	55°0	45°9	72	1890, 1910	34	1879	14	1°94	219	46
Scilly (St. Mary's).....	30°054	50°2	48°6	56°4	48°2	67	1896	38	1883	13	1°74	231	49
Jersey (St. Aubin's).....	29°976	52°4	49°9	59°5	47°6	78	1908	35	1905, 06	13	1°90	244	52
Portland Bill.....	29°951	49°7	48°1	56°8	46°5	[72]†	[1910]†	[36]†	[1902]†	12	1°47	—	—
Dungeness.....	29°951	50°3	48°7	57°3	46°0	76	1892	30	1892, 02	12	[1°34]†	—	—
Dover.....	[30°034]++	[51°5]++	[49°1]++	[58°9]++	[45°7]++	[77]++	[1909]++	[35]++	[1909, 10]++	[12]++	[1°70]++	[250]++	[52]++
Wick.....	29°897	45°8	43°6	53°8	40°6	71	1891	24	1876	18	2°05	—	—
Nairn.....	29°897	46°4	44°1	56°6	40°9	78	1888	26	1894	16	1°75	[177]**	[35]**
Aberdeen.....	29°923	47°5	45°3	54°6	41°7	75	1902	29	1884, 91	17	2°27	187	37
Leith.....	29°914	48°0	45°6	57°4	42°5	81	1881	27	1883	15	1°83	—	—
North Shields.....	29°932	48°1	46°1	54°5	42°3	73	1903	29	1891, 09	14	1°91	—	—
Spurn Head.....	29°935	49°2	47°2	54°6	45°0	[75]*	[1883]*	[34]*	[1891]*	13	1°51	—	—
Yarmouth.....	29°950	50°2	47°6	55°3	44°9	75	1909	32	1891, 92	14	1°80	[261]++	[54]++
Clacton-on-Sea.....	29°961	50°7	48°4	56°7	45°1	[76]†	[1909]†	[31]†	[1902]†	10	1°38	[231]†	[48]†
Nottingham.....	29°953	49°7	48°0	60°2	42°8	82	1895	25	1879	16	1°95	[174]†	[36]†
Bath.....	29°973	50°9	48°6	61°2	43°8	[79]†	[1884, 1909]†	[29]†	[1902]†	13	2°03	211	44
Oxford.....	29°976	51°9	48°6	60°9	43°7	83	1895	28	1877	13	1°85	195	41
LONDON { Westminster	29°958	51°2	48°6	[62°3]†	[46°7]†	[81]†	[1909]†	[33]†	[1906]†	[12]†	[1°51]†	171	36
LONDON { Kew.....	29°973	50°7	48°0	61°1	44°5	84	1895	30	1877	13	1°76	201	42
Sumburgh Head.....	29°924	48°0	46°7	54°0	44°9	70	1891	33	1888	15	1°71	—	—
Stornoway.....	29°931	51°0	48°9	58°4	46°3	76	1893, 02, 05	31	1888	16	2°42	179	34
Castlebay (Barra Isd.)..	[30°010]++	[51°9]++	[49°6]++	[57°2]++	[49°1]++	[71]++	[1908, 10]++	[44]++	[1908, 10]++	[14]++	[1°94]++	[209]++	[40]++
Malin Head.....	29°947	51°5	50°3	[58°8]†	[49°8]†	[78]†	[1905]†	[40]†	[1902, 07]†	[16]†	[2°16]†	—	—
Blackod Point.....	29°982	53°6	51°7	[60°8]†	[51°0]†	[82]†	[1887]†	[40]†	[1894, 07]†	[17]†	[2°78]†	—	—
Valencia.....	30°014	54°2	52°2	62°2	51°0	81	1887, 02	38	1903	17	3°37	190	39
Roche's Point.....	30°016	54°3	52°5	63°0	51°4	80	1876, 87	41	1881	13	3°05	—	—
Birr Castle.....	29°999	54°4	52°3	64°9	48°7	85	1887	32	1881	15	2°45	165	33
Donaghadee.....	29°985	51°4	49°8	60°9	49°2	77	1887	36	1880	15	2°34	—	—
Liverpool (Observatory)	29°994	53°5	51°1	63°7	51°1	85	1878, 93	40	1903, 07	14	2°25	[198]++	[40]++
Holyhead.....	29°986	53°8	52°3	61°2	50°8	83	1878	42	1882	14	2°25	—	—
Pembroke (St. Ann's Hd.)	29°992	52°7	51°4	60°1	51°4	79	1893	38	1888	13	2°04	223	46
Scilly (St. Mary's).....	30°135	54°4	52°6	61°3	53°2	75	1893	41	1888	14	1°76	238	49
Jersey (St. Aubin's).....	30°059	56°7	54°3	64°8	52°9	84	1878, 93	39	1890	12	2°09	239	50
Portland Bill.....	30°004	54°1	52°4	61°9	62°1	[78]†	[1903]†	[43]†	[1903]†	10	1°61	—	—
Dungeness.....	29°987	55°3	53°1	62°8	52°0	77	1878	37	1890, 1, 2, 3, 09	12	[1°56]†	—	—
Dover.....	[29°990]++	[55°8]++	[53°4]++	[63°1]++	[50°4]++	[80]++	[1908]++	[30]++	[1909]++	[14]++	[2°53]++	[207]++	[42]++
Wick.....	29°939	50°3	48°2	58°5	45°4	79	1878	30	1881, 1903	15	1°82	—	—
Nairn.....	29°948	51°5	48°9	62°2	46°5	86	1876	30	1888, 1903	15	1°82	[163]**	[31]**
Aberdeen.....	29°964	52°8	49°9	60°2	47°0	80							



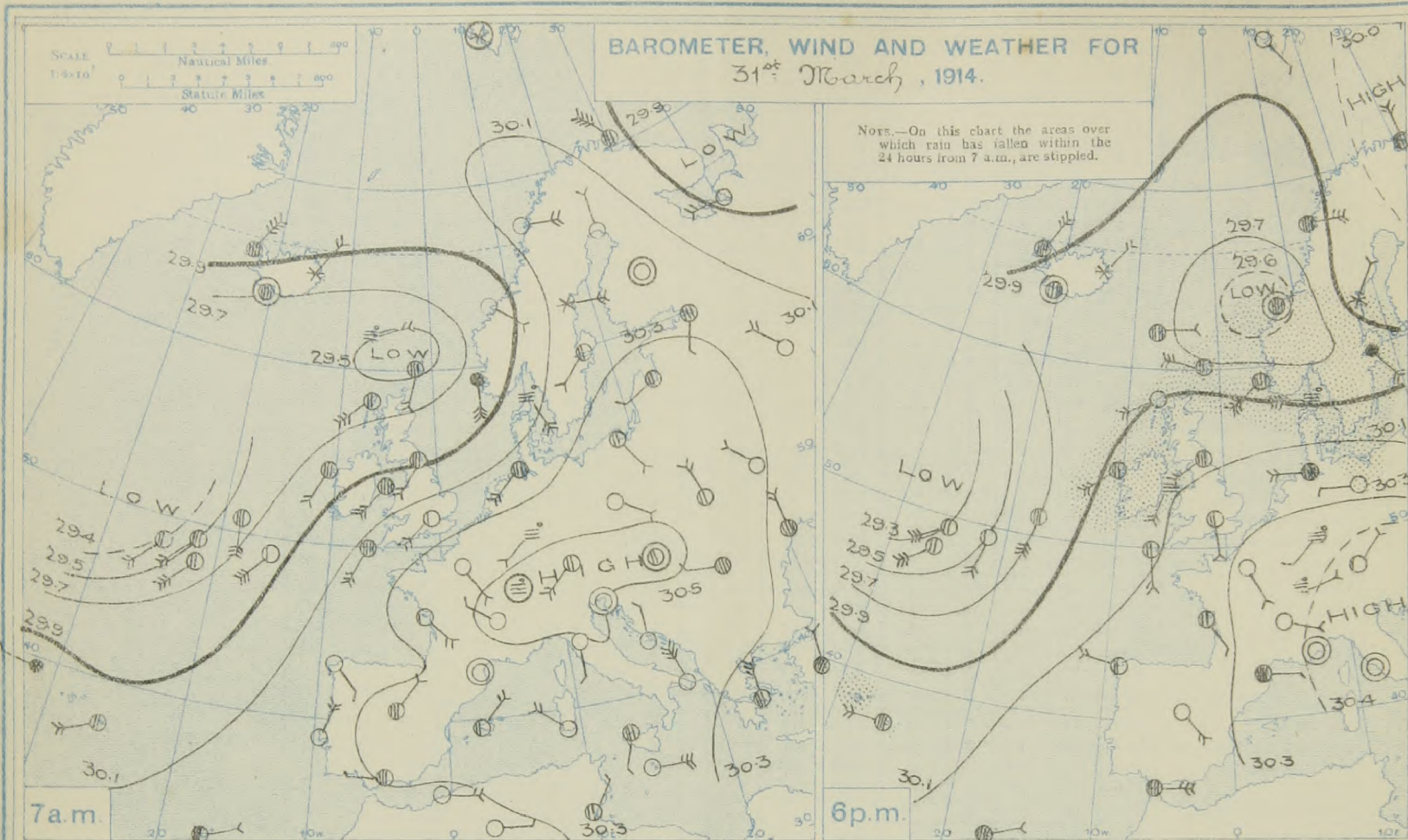
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday

1st April, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
				Dir.	Force 0-12.		M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick ...	29.71	46	WNW	5	bcq	29.90	+01	44	-2	WNW	1	c	1	0.16	48	42	orm.c	cpdq	bc				
	Stornoway ...	29.90	46	WSW	4	b	29.85	-02	40	-7	-	0	bc	0	0.15	52	39	bcq	bep.b	bc				
	Castlebay (Barra Isd.)	29.93	49	SSW	3	o	29.80	-03	46	-2	SE	3	om	4	-	50	45	ch.c	bc.o	o.bom	7.6			
	Glasgow ...	30.01	51	WSW	2	bc	29.88	-05	47	+1	SSE	1	odg	*	0.17	54	45	bc.c	bc	bc.bor	8.5			
	Eskdalemuir ...	30.07	46	S	3	o	29.93	-05	45	0	SSE	1	bcn	*	0.09	53	44	cg.c	c.o	og.dem	6.1			
	Malin Head...	29.95	53	WSW	2	bc	29.80	-05	49	+3	SW	2	c	1	0.01	53	46	bem	bc	cmp				
	Blacksod Point ...	29.91	51	SW	5	cg	29.77	-02	49	+2	SW	3	cg	3	Trace	52	45	cm.bcg	bcg	bc.c				
	Valencia ...	29.94	52	S	3	o	29.85	00	50	0	S	2	o	4	0.22	56	49	c	c.o	or	3.3			
	Roche's Point ...	30.03	50	SSW	4	r	29.90	*	49	0	WSW	3	o	4	0.25	52	48	orm	r.m.	df bc.o				
	Birr Castle ...	29.97	54	S	2	c	29.84	*	49	+4	SW	1	c	*	0.08	59	45	c	c	c.p.c.	6.4			
	Donaghadee ...	30.01	51	WSW	2	cm	29.85	-06	47	-1	SW	2	ome	2	0.01	58	47	bc	cm	cmp.om				
	Liverpool Obsy. ...	30.12	52	SSW	2	o	29.93	-05	45	-7	ESE	3	b	2	0.02	56	45	og	cp	bc	0.2			
	Holyhead ...	30.09	49	SSW	4	fc	29.92	-03	49	0	S	3	bc	2	0.02	51	47	o.c.f.om	of rf	fe.r.o.c	0.3			
	Pembroke (St. Ann's Hd.)	30.12	48	SSW	2	c	29.95	-01	47	-2	SSW	1	bc	1	0.02	50	47	cggm	cm	c.	0.3			
	Newquay ...	30.12	55	S	3	b	29.98	+01	49	-3	S	1	o	3	-	62	44	bc	b	bc.ow	7.5			
	Scilly (St. Mary's) ...	30.09	51	SSE	3	bem	29.97	-01	49	-2	SW	3	fe	4	-	55	47	bem	bem	bem	6.7			
	Jersey (St. Aubin) ...	30.23	62	E	2	b	30.07	*	51	+1	WSW	3	c	3	-	65	48	b	b	bc	11.3			
	Portland Bill ...	30.22	51	NNE	1	b	29.98	+01	49	-1	SSW	2	bc	3	-	53	48	bc	bc	bc.				
	Dungeness ...	30.29	50	SSW	2	c	30.05	-02	49	-1	SSE	3	c	3	-	55	46	e.b	b.b.c	b.b.c.				
	Dover ...	30.26	52	SW	2	b	?	*	52	+2	SW	2	bc	3	Trace	52	44	b	b	b.b.c	11.0			
Wick ...	29.88	48	W	4	c	29.88	-05	44	-1	-	0	bc	2	Trace	53	39	bc.cq	cg.cm	bem					
Nairn ...	29.93	51	W	3	bc	29.88	*	37	-9	-	0	cm	1	Trace	55	35	p.b.cq	bcq	bex	9.6				
Aberdeen ...	29.96	54	WSW	3	bc	29.92	-05	45	-3	S	2	o	2	-	59	39	bc	bc.p.c	bc.o	10.1				
Leith ...	29.99	54	W	2	b	29.88	-06	47	-2	ESE	2	c	*	0.20	57	43	bc.b	b.	bc.cor					
North Shields ...	30.05	57	SW	3	c	29.96	-05	47	-5	SW	2	bc	2	-	60	47	c	c	b.b.cq					
Spurn Head ...	30.13	55	WSW	2	c	29.97	-06	46	-5	S	3	c	3	-	59	43	c	c	bc.	1.4				
Yarmouth ...	30.21	62	SW	2	bc	30.04	-04	46	-5	SSE	2	bc	1	-	65	39	c.b.c	bc	bc	7.9				
Clacton-on-Sea ...	30.24	52	SW	3	bc	30.02	-07	49	+1	SE	2	bc	2	-	60	47	bc.b	c.b.c	bc.b.b.c	10.3				
Nottingham...	30.16	57	SW	3	c	29.98	*	43	-11	E	1	bem	*	0.01	60	37	op	o.c	c.b.	0.8				
Bath ...	30.20	58	S	2	c	29.98	*	45	-8	ENE	1	bc	*	-	64	42	g.o.b.c	bc.c	c.b.c.	7.7				
London (Kew Obsy.)...	30.24	59	S	2	bc	30.00	-06	43	-8	S	1	cm	*	-	63	42	bc.b.b.c	bc.b.b.c	bem.bem	10.6				
ICELAND, FAEROE, &c.	Spitzbergen ...	29.97	-12	SSE	1	b	29.99	+02	-7	-3	SE	1	o	*	-4	-31								
	Isafjord...	29.98	31	NE	5	o	30.01	+06	32	+2	NE	4	o	*	*	*								
	Reykjavik ...	29.80	37	-	0	c	29.78	00	28	0	-	0	bc	*	*	*								
	Vestmanna ...	29.75	40	-	0	o	29.73	00	35	0	-	0	bc	2	*	*	*							
	Seydisfjord ...	29.53	32	NE	3	S	29.82	-02	32	+1	-	0	o	*	*	*	*							
Thorsbavn ...	29.71	46	E	2	o	29.75	-03	43	+1	-	0	f	*	*	*	*								
NORTHERN EUROPE.	Vardö ...	30.03	23	N	4	o	29.89	-04	24	+1	NW	6	c	4	?	24	10							
	Bodö ...	29.89	27	E	5	b	29.92	+01	28	+7	E	4	b	2	-	28	21							
	Christiansund ...	29.58	42	-	0	o	29.78	+04	41	+4	-	0	r	3	0.51	45	37							
	Skudesnaes ..	29.80	45	SSW	6	o	29.99	+02	42	0	WNW	4	m	4	0.16	46	39							
	Færder (X'ianla Fjord)	29.74	41	SW	6	c	29.84	+04	40	+2	W	5	b	3	0.16	41	37							
	The Scaw (Skagen)...	29.89	43	W	7	m	29.91	+02	43	+2	W	5	m	2	0.12	46	39							
	Blaavands Huk ...	30.12	43	W	3	m	30.10	+01	42	-2	W	2	m	2	Trace	46	41							
	Haparanda ...	29.94	31	NE	2	S	29.92	+07	27	-10	N	4	S	*	0.24	32	25							
	Hernösand ...	29.81	36	SSE	4	r	29.64	+04	35	-2	NW	4	o	*	0.32	43	34							
	Stockholm ...	29.88	39	SSW	2	r	29.75	-02	39	+1	WSW	4	o	*	0.16	46	37							
Wisby ...	29.70	41	WSW	4	o	29.84	+10	37	+2	N	4	bc	*	0.32	41	35								
Karlstad ...	30.15	33	WSW	1	o	29.96	-06	29	+4	SE	1	o	*	0.08	*	25								
CENTRAL EUROPE.	Berlin ...	30.27	59	W	1	b	30.22	-02	49	+7	SW	2	bc	*	0.08	61	42							
	Frankfurt ...	30.37	61	SW	1	m	30.28	-03	44	0	-	0	m	*	-	64	41							
	Munich ...	30.43	52	NE	2	b	30.34	-03	41	-1	S	2	c	*	-	59	36							
	Vienna ...	?	54	W	2	bc	30.35	-01	41	+9	-	0	f	*	-	61	41							
	Cuxhaven ...	30.22	52	W	4	o	30.15	-01	47	-3	W	2	b	0	-	57	45							
	The Helder ...	30.26	48	SSW	4	bc	30.12	-06	45	-3	SE	1	b	1	-	52	41							
	Brussels ...	30.33	53	ESE	1	b	30.11	-08	50	-1	SSE	2	o	*	-	66	48							
FRANCE.	C. Gris Nez...	30.27	57	SSW	3	bc	30.03	-06	54	+4	SSE	4	c	2	-	59	48							
	La Hève ...	30.23	64	SSE	2	b	30.06	*	55	+7	S	3	b	1	-	68	48							
	Ushant...	30.11	55	SE	3	c	?	*	54	+2	SW	3	o	3	-	54	48							
	Brest (St. Mathieu) ...	30.15	55	SSE	3	bc	30.09	+01	49	-1	ESE	3	m	5	-	63	48							
	Roche fort (Ile d' Aix)	30.20	63	SE	1	bc	30.13	+01	51	+3	SSE	4	o	*	-	72	46							
	Biarritz ...	30.16	68	ESE	3	b	30.15	00	60	-6	S	3	c	2	-	77	54							
	Paris ...	30.31	62	SE	2	b	30.15	-01	51	+6	SSE	2	bc	*	-	69	45							
	Belfort ...	30.39	60	ENE	2	m	30.32	*	49	+8	-	0	m	*	-	66	41							
	Lyons ...	30.39	60	SE	2	b	30.32	*	51	+9	SW	1	bc	*	-	68	42							
	Nice ...	30.49	53	-	0	b	30.40	00	59	+3	-	0	b	0	-	66	48							
Perpignan ...	30.36	59	E	1	o&gt																			





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 } Moderate or light winds, mainly Southerly:  
b } fair intervals, occasional rain: mild.
- 1 { } Moderate or light Southerly winds: fair  
2 { a } generally: mild.  
b }
- 3 { } Moderate or light winds from between South  
4 { a } and South-East: fair or fine generally: mild.  
b }
- 5 { } Same as No. 0.
- 6 { a } Moderate or light Southerly winds:  
b } fair generally, some coast fog: mild.
- 7 { a } Same as No. 0.  
b }
- 8 { a } Moderate or light Southerly winds: mostly fair,  
b } occasional showers: mild.
- 9 { a } Moderate Southerly or South-Westerly winds, with  
b } a moderate sea: some mist or fog, otherwise fair.
- 10 { a }  
b }

Milli  
Inches  
105  
31  
104  
103  
102  
101  
100  
99  
98  
97

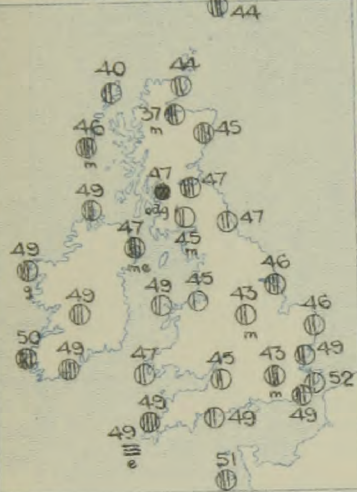


# SYNOPTIC CHART FOR 7 a.m., Wednesday, 1<sup>st</sup> APRIL, 1914.

## GENERAL INFERENCE.

There are no indications of important changes in the prevailing conditions. The Continental anticyclone will continue to recede eastward or south-eastward, and our Islands will thus remain in the region between the anticyclone and the north Atlantic low pressure system.

## TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches.

31

30

29

30

30

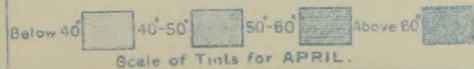
30

30

30

SCALE 1:100,000  
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. ☁ overcast sky. ☁ rain falling. ✕ snow. ▲ hail. ☁ fog. ☁ mist. T, thunder.

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



## DAILY WEATHER REPORT.

Wednesday, 1st April, 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.	
1st, 7 a.m.	51	11	Royal Edward	H	29.88	+0.5	SSW	4-5	b.	31st, 7 a.m.	48	23	Minnowaska	O	29.37	-0.1	SW	4-5	bc
3.15 p.m.	48	24	Comorian	O	29.35	-0.5	SW	6-7	bc.	"	49	21	Royal Edward	H	29.46	+0.1	SW	4-5	c
"	49	23	Imperial	O	29.10	-1.0	SW	6-7	bc	"	48	19	Maryland	O	29.64	-0.1	S	6-7	bc
"	49	21	Dominion	O	29.48	-0.6	SSW	4-5	b.	"	50	18	Dominion	O	29.58	-0.2	SSW	4-5	c.
"	48	20	Kronland	O	29.58	-1.0	SW	4-5	bc.	"	49	17	Kronland	O	29.73	-0.2	SW	6-7	b.
"	50	17	Royal Edward	H	29.70	+0.2	SSW	6-7	c										

## 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 ...	0.32	54	45	p.c.	bc.c	6.0	Margate ...	...	...	64	48	b	b	10.8
	St. Andrews ...	0.30	56	46	"	"	9.1								
Eng. N.E.	Harrogate ...	0.23	54	49	10.6 bc	c bc.c	2.5	Ramsgate ...	...	...	61	48	b	b	11.0
	Scarborough ...	"	59	52	c.b.	c.b.	5.5	Folkestone ...	...	0.02	54	47	r.b.	b	10.4
	Skegness ...	"	62	48	bc	b bc	2.2	Hythe ...	...	0.03	59	47	b	b	10.2
								Littlestone ...	...	"	"	"	"	"	10.8
Eng. N.W.	Morecambe ...	0.53	52	46	d	bc	0.1	Hastings ...	...	"	55	47	b	b	11.0
	Blackpool ...	0.16	51	46	"	"	0.0	Bexhill-on-Sea ...	...	"	56	48	b	b	11.0
	Southport ...	0.12	51	44	"	"	0.0	Eastbourne ...	...	0.01	58	48	b	b	11.0
								Seaford ...	...	"	55	47	b	b	10.6
Mid. lands.	Buxton ...	0.27	53	46	bc.c	bc	0.0	Brighton ...	...	"	54	48	b	b bc.c	10.5
	Leamington Spa ...	"	62	49	c.b.	c.b.	1.7	Worthing ...	...	"	57	48	b	bc	10.6
	Malvern ...	0.06	60	51	c bc	b bc	2.3	Littlehampton ...	...	"	"	"	"	"	9.3
								Southsea ...	...	0.02	52	49	b	b	10.0
Wales.	Rhyl ...	0.01	56	52	c bc	c.o.	2.4	Ryde ...	...	"	62	"	b	b	10.0
	Colwyn Bay ...	0.03	57	52	c bc	bc	0.5	Ventnor ...	...	"	57	51	"	"	10.8
	Llandudno ...	0.15	55	44	"	"	1.8	Bournemouth ...	...	"	61	48	b	bc	9.5
	Aberystwyth ...	0.24	53	49	r.o.	c.c.	0.2	Weymouth ...	...	"	57	49	b	b bc	9.9
England, E.	Tenby ...	"	55	49	"	"	0.8	Exmouth ...	...	0.13	57	50	b	b	7.0
	Lowestoft ...	"	65	50	b bc bc	bc.c	8.5	Teignmouth ...	...	"	65	52	bc.b.	b bc	8.9
	Felixstowe ...	"	62	47	bc.b.	b bc	10.1	Torquay ...	...	"	61	51	b	b	10.0
	Walton-on-Naze ...	"	57	46	b	b bc	10.2	Paignton ...	...	"	63	51	bc.b.	b	9.7
	Southend-on-Sea ...	"	56	43	b	b	10.2	Falmouth ...	...	"	60	50	c.b.	bc	8.6
								Bude ...	...	"	63	53	"	bc	6.5
								Ilfracombe ...	...	0.02	64	52	c.b.	b	7.6
								Weston-super-Mare ...	...	"	62	52	c.b.	b bc	6.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	5 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	47	63	11.3	65	43	28	In.	b	b
City (Bunhill Row) ...	"	"	9.3	65	45	38	"	b	b
Westminster (St. James's Pic.)	46	68	10.2	66	41	35	"	b	b
Camden Sq. (Brit. Rainfall)	47	65	9.2	66	44	34	"	b	b
Hampstead (Reservoir) ...	"	65	10.5	"	"	"	"	b	b
Richmond Park ...	"	"	10.7	"	"	"	"	b	b
Kew. (See front page.)	"	"	"	"	"	"	"	b	b
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				1666 Joules		65.0 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
		Max.	Min.			
Dublin to 4 p.m.	0.15	59	47	45	gr.b.	bc
Plymouth to 9 p.m.	"	57	50	49	bc	c.b.
Darwen "	0.48	51	47	46	"	c.b.
Manchester "	0.21	55	52	"	op.o	o.c.
Birmingham "	0.02	59	50	47	r.o.	o.c.
Oxford to 8 p.m.	"	65	51	47	"	c.b.
S. Kensington (Museum Grounds to 6 p.m.)						
		65	51	45	or.c.b.	b bc

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

1st & 2nd April, 1914.		Sunrise.	Noon.	Sunset.
Yarmouth ...		G.M.T. 5.30	G.M.T. 11.57	G.M.T. 6.26
Greenwich ...		5.28	11.57	6.26
Wick ...		5.38	12.44	6.30
Valencia ...		5.36	12.44	6.32
		5.42	12.16	6.50
		5.40	12.16	6.52
		6.19	12.45	7.11
		6.17	12.45	7.13

Fine weather prevailed over the south of England, and also at many Scottish stations. Over 10 hours of bright sunshine were recorded on the south coast. Over Wales and the northern part of England the conditions were less settled, and the amounts of sunshine were small. Temperature in the southern half of the country rose to 65 deg. at a number of stations.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

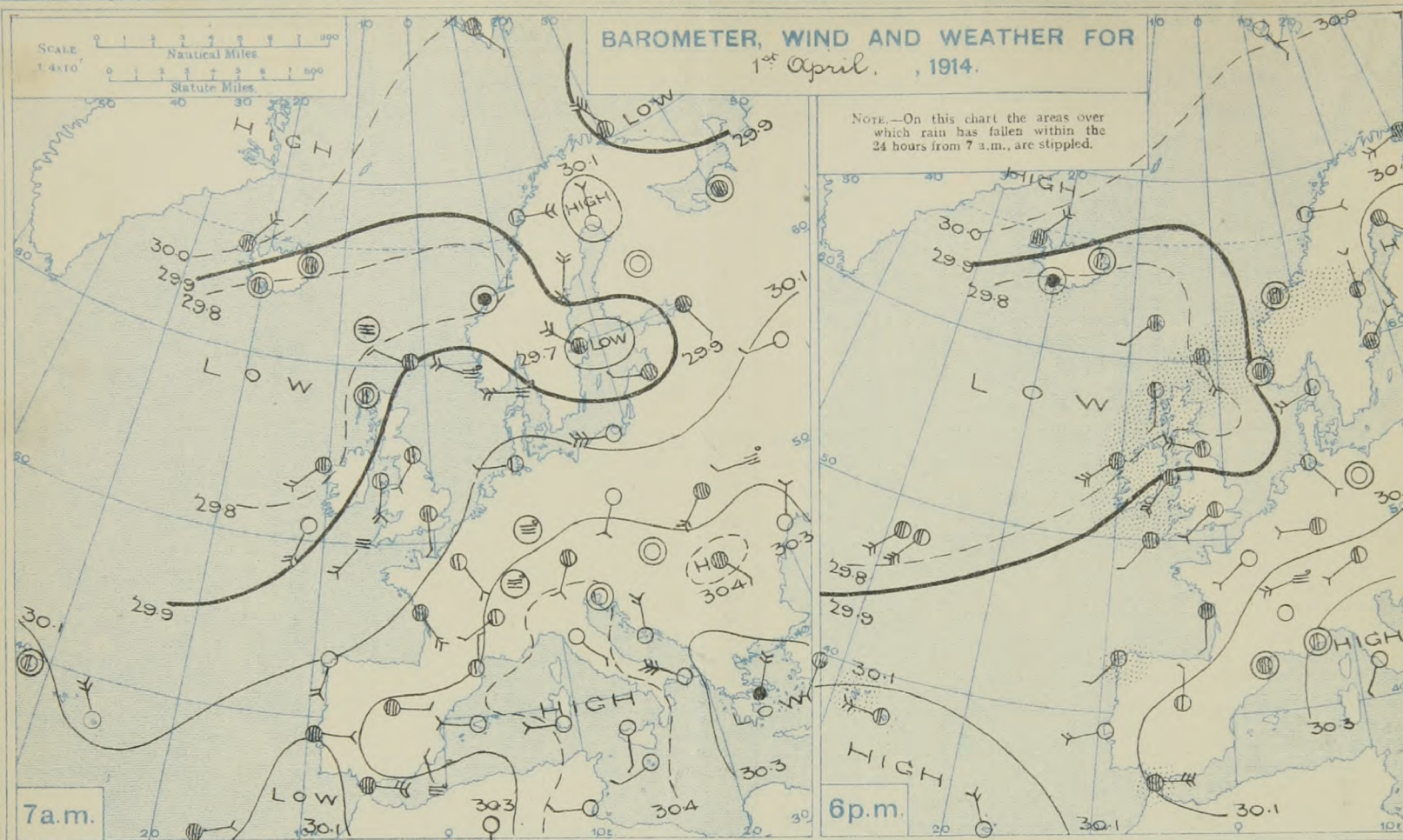


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 2nd April, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
			Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick ...	29.81	47	SSE	3	c	29.72	-0.1	41	-3	NNW	1	bc	1	49	37	bc	bc.c	cp.bc	•			
	Stornoway ...	29.79	49	S	1	bc	29.68	-0.2	46	+6	S	4	o	4	52	39	bc.cre	c.bc	bc.op	•			
	Castlebay (Barra Isd.)	29.76	48	S	3	o	29.65	-0.2	47	+1	SSE	5	c	5	50	44	op.bcm	bcm.o	bc.op	1.5			
	Glasgow ...	29.82	50	SW	3	od	29.78	-0.1	46	-1	SW	2	org	•	53	43	p.o.c	c.op	boc.op	0.8			
	Eskdalemuir ...	29.84	49	SW	3	c	29.82	-0.1	44	-1	SSW	3	odm	•	54	41	cm.op	op.c	odm	4.3			
	Malin Head...	29.77	50	E	2	bc	29.69	-0.1	46	-3	SW	4	bc	2	55	45	bep	bep	bc	•			
	Blacksod Point ...	29.73	50	SW	5	cg	29.70	0.0	48	-1	SW	4	cp	3	53	45	cg.cg	cg	ot.cp	•			
	Valencia ...	29.83	52	S	4	cv	29.83	+0.1	48	-2	SSW	2	c	4	54	45	cv	cv	cp	2.4			
	Roche's Point ...	29.90	50	SW	3	c	29.88	•	46	-3	WSW	2	bw	3	53	46	c	c	om.bc.b	•			
	Birr Castle ...	29.82	53	SSW	2	c	29.80	•	45	-4	S	1	c	•	59	45	c	cpt	c	6.4			
	Donaghadee ...	29.84	51	SSW	2	bcpm	29.81	+0.1	46	-1	S	2	cm	2	59	44	bep	bcm.p	bcm.c	•			
	Liverpool Obsy. ...	29.92	50	WSW	2	bc	29.88	-0.2	47	+2	SSW	3	c	2	57	45	bc	c.o	bc	2.9			
	Holyhead ...	29.91	48	SSW	5	cgmg	29.88	0.0	47	-2	SSW	4	cf	3	52	47	bc.fcm	c.bc.cm	bf.o	4.3			
	Pembroke (St. Ann's Hd.)	29.98	47	SSW	2	c	29.92	-0.2	47	0	SSW	1	bef	2	49	46	cm	cm	cm	0.0			
	Newquay ...	29.99	50	SW	1	o	29.92	0.0	48	-1	•	0	omd	3	55	47	bc.o	cm	om	0.6			
ICELAND, FAEROE, &c.	Spitzbergen ...	30.01	-14	SE	1	b	30.10	+0.4	-23	-16	•	0	b	•	•	-31	GALES.						
	Isafjord...	29.99	32	NE	4	o	30.11	+0.1	18	-14	•	0	b	•	•	•	Duration and Extreme Force in British Islands.						
	Reykjavik ...	29.82	35	•	0	b	29.91	+0.2	27	-1	ESE	2	b	•	•	•							
	Vestmanna ...	29.77	39	•	0	r	29.85	+0.3	36	+1	•	0	b	•	•	•							
	Seydisfjord ...	29.88	44	•	0	bc	29.94	0.0	28	-4	E	1	c	•	•	•							
	Thorsbavn ...	29.72	49	SW	1	c	29.69	-0.1	44	+1	NNE	1	o	•	•	•							
	NORTHERN EUROPE.	Vardö ...	29.99	25	WSW	4	o	30.00	0.0	25	+1	WSW	6	o	3	27	16						
		Bodö ...	29.99	27	E	2	b	30.00	-0.2	27	-1	E	2	b	1	32	21						
		Christiansund ...	29.95	40	•	0	o	29.99	-0.4	40	-1	•	0	b	3	41	37						
		Skudesnaes ..	29.91	43	•	0	o	29.73	-0.4	43	+1	E	4	o	2	45	39						
		Færder (X'ania Fjord)	29.92	39	•	0	b	29.91	0.0	36	-4	E	2	o	1	43	36						
		The Scaw (Skagen)...	29.95	40	WNW	3	b	29.85	-0.2	41	-2	ESE	3	o	1	46	37						
		Blaavands Huk ...	29.93	43	S	1	b	29.78	0.0	42	0	W	2	m	1	48	41						
		Haparanda ...	30.12	19	SE	2	o	30.07	-0.1	18	+14	S	2	o	•	25	4						
		Hernösand ...	30.06	26	N	2	c	30.04	-0.1	29	+2	•	0	s	•	29	23						
Stockholm ...		30.01	34	NE	2	o	30.04	-0.1	35	0	SE	2	o	•	36	32							
CENTRAL EUROPE.	Wisby ...	30.00	35	N	6	o	30.04	-0.1	35	-4	NE	2	o	•	39	32							
	Karlstad ...	29.97	39	•	0	b	29.99	0.0	35	-2	E	2	o	•	43	34							
	St. Petersburg ...	29.95	31	E	2	b	30.04	0.0	23	-6	ESE	2	o	•	47	23							
	Berlin ...	30.03	59	•	0	b	29.89	-0.1	53	+4	SW	2	o	•	66	46							
	Frankfurt ...	30.06	63	W	2	c	30.02	0.0	53	+9	SW	1	m	•	68	43							
	Munich ...	30.12	57	SW	2	bc	30.08	-0.2	50	+9	SW	3	b	•	64	41							
	Vienna ...	30.08	53	ESE	1	bc	30.01	-0.2	44	+3	ESE	1	f	•	53	41							
	Cuxhaven ...	29.93	52	SE	2	b	29.86	+0.1	48	+1	WSW	2	o	0	63	46							
	The Helder ...	29.92	51	SSW	4	c	29.93	+0.1	47	+2	SW	1	b	1	61	45							
	Brussels ...	30.02	57	WSW	2	b	29.97	-0.4	51	+1	SSE	1	o	•	68	45							
FRANCE.	C. Gris Nez...	30.01	47	SSW	4	o	29.95	-0.2	46	-8	SW	3	f	2	59	45							
	La Hève ...	30.06	54	NNW	2	f	30.00	•	52	-3	E	2	c	1	63	48							
	Ushant...	29.91	54	SW	1	c	29.96	•	50	-4	ESE	2	o	3	54	46							
	Brest (St. Mathieu) ...	30.03	53	SE	1	m	29.94	0.0	47	-2	NE	3	bc	5	64	46							
	Rochefort (Ile d'Aix)	30.06	59	SSE	1	o	29.94	-0.3	51	0	SSE	3	o	•	63	50							
	Biarritz ...	30.04	66	ESE	3	c	29.88	-0.1	56	-4	E	3	o	2	71	54							
	Paris ...	30.06	62	SW	2	b	29.99	-0.2	50	-1	S	2	b	•	68	46							
	Belfort ...	30.17	57	WSW	4	m	30.11	•	46	-3	W	3	m	•	62	43							
	Lyons ...	30.19	60	S	2	b	30.09	•	51	0	SE	1	c	•	67	46							
	Nice ...	30.31	53	•	0	bc	30.19	-0.2	53	-6	•	0	b	1	64	48							
SOUTHERN EUROPE.	Perpignan ...	30.16	60	•	0	o	30.10	+0.1	51	-1	SW	1	o	•	75	46							
	Sanguinaire...	•	55	N	1	m	•	•	54	0	E	1	m	•	59	48							
	Corunna (8 a.m.) ...	30.06	54	SW	1	bc	29.91	0.0	54	+1	NNW	3	o	3	64	46							
	Madrid ...	30.11	66	N	1	bc	30.01	+0.3	52	+4	ESE	1	o	•	68	48							
AZORES &c.	Lisbon (8 a.m.) ...	29.98	58	WSW	3	b	29.99	+0.6	53	-3	WNW	4	c	6	64	52							
	Gibraltar ...	30.10	58	E	5	o	30.08	•	57	-1	E	4	o	2	64	56							
	Rome ...	30.33	54	SW	1	b	30.25	+0.1	41	-2	NNW	1	bc	•	66	41							
	Azores (Horta, 8 a.m.)	30.13	•	SW	4	b	30.03	+0.1	59	+9	SW	5	r	3	61	50							
Madeira (Funchal) ...	30.17	59	NNW	3	b	30.22	+0.1	59	+3	NNW	3	b	2	64	55								





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.

- |                   |   |
|-------------------|---|
| 0 { a }<br>{ b }  | Moderate or light winds, mainly Southerly or South-Westerly: fair to rather cloudy with occasional showers: mild.         |
| 1 { a }<br>{ b }  | Moderate or light South-Westerly breezes: mostly fair: mild.  |
| 2 { a }<br>{ b }  |   |
| 3                 | Same as No. 5.  |
| 4 { a }<br>{ b }  | Light variable breezes: mostly fair, but light local showers: mild.   |
| 5 { a }<br>{ b }  | Light variable breezes: mostly fair, but light local showers, some fog on coast: mild.                                    |
| 6 { a }<br>{ b }  | Light breezes, mainly South-Westerly: a good deal of cloud, occasional showers or light rain: mild: some fog on coast.    |
| 7 { a }<br>{ b }  |   |
| 8 { a }<br>{ b }  | Same as No. 5.  |
| 9 { a }<br>{ b }  | Moderate or light South-Westerly breezes: mostly fair, though rather cloudy, occasional showers: some fog on coast: mild. |
| 10 { a }<br>{ b } |   |
| 11                | Light variable breezes: sea moderate or slight: some fog, otherwise mostly fair.  |

Western Channel and Bay. 11

FURTHER OUTLOOK.

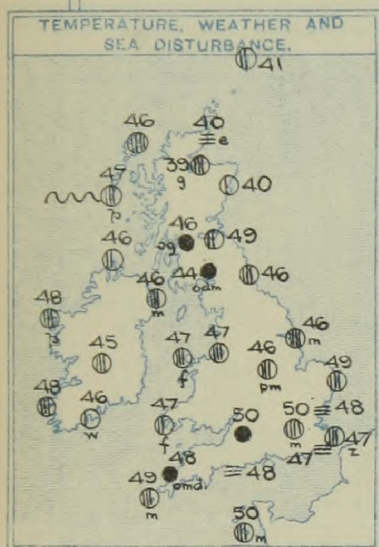
Millibars.  
105 — 31  
104 —  
103 —  
102 —  
101 —  
100 —  
99 —  
98 —  
97 —



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

## GENERAL INFERENCE.

No material change in the present conditions is anticipated. The southern part of the country will remain under the influence of the Continental anticyclone but small irregularities of pressure may cause local showers.



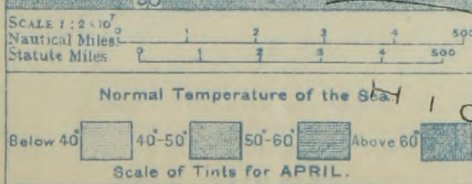
ches.  
31

al  
al

air,

29

91



### EXPLANATION.

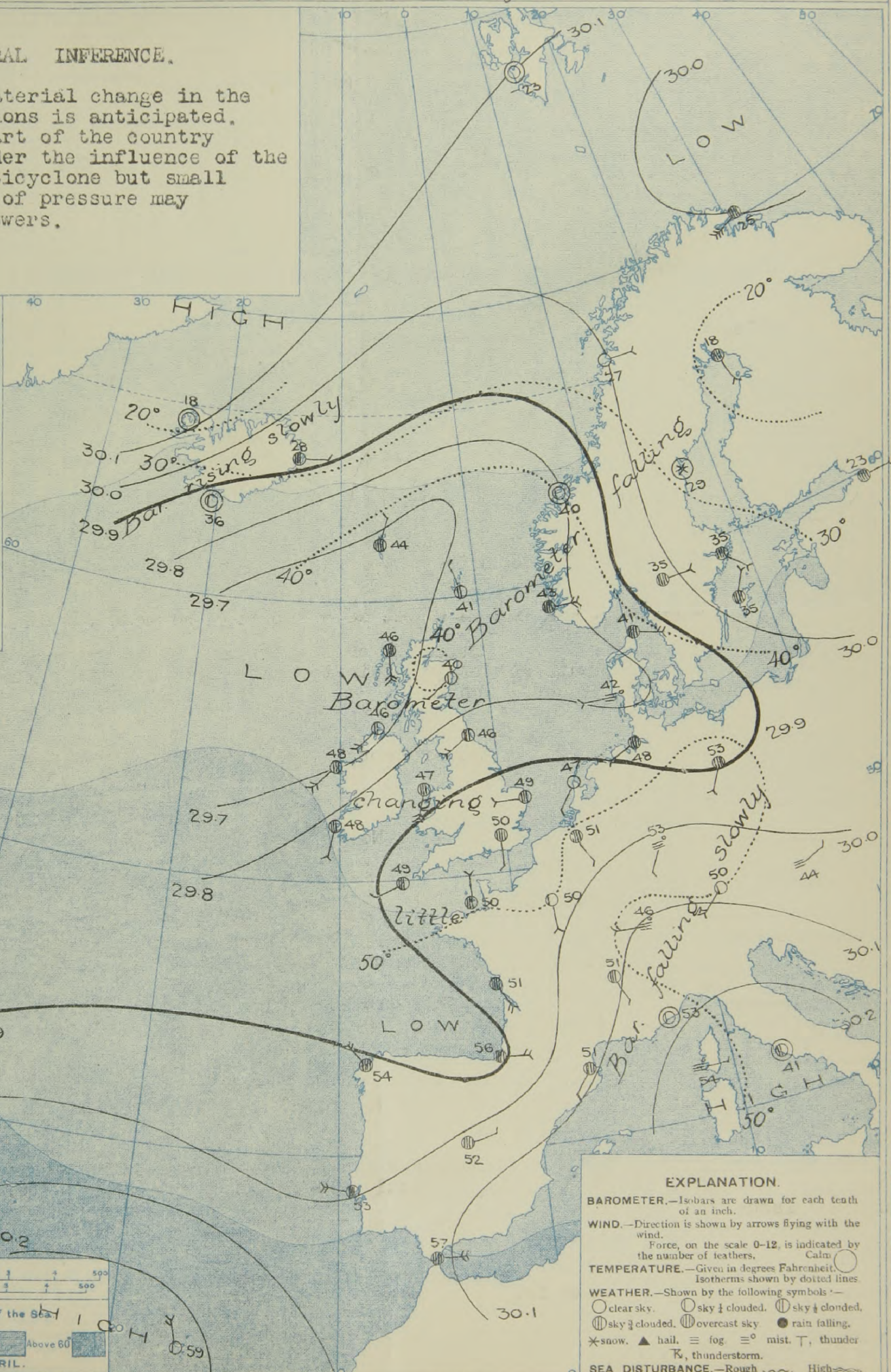
**BAROMETER.**—Isobars are drawn for each tenth of an inch.

**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.

Thursday 2nd April 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.	
1st, 6 p.m.	47	28	Kronland	o	29.78	-0.8	SW	4-5	c.										
"	47	27	Maryland	o	29.82	-0.4	SW	6-7	bc										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				
Scot. land.	In.	F.	F.			Hr.	Margate ...	In.	
(Oban ...)	0.38	54	44	d.r	o.c.	1.3	Ramsgate ...	66	49
(St. Andrews ...)	0.21	58	39	b	p	5.8	Folkestone ...	61	47
Eng. N.W.							Hythe ...	56	46
(Harrogate ...)	-	59	41	bc.b.	bc.b.c.	5.7	Littlestone ...	53	41
(Scarborough ...)	-	62	46	c.b.	c.b.	6.3	Hastings ...	-	55
(Skegness ...)	-	65	52	b	b.c.	4.4	Bexhill-on-Sea ...	-	54
Eng. S.W.							Eastbourne ...	-	55
(Morecambe ...)	0.03	51	45	b.c.	b.c.	6.0	Seaford ...	-	55
(Blackpool ...)	0.03	56	45	c.b.c.	bc.o.	5.2	Brighton ...	-	54
(Southport ...)	-	57	44	b.c.o.	o.c.	3.7	Worthing ...	-	55
Mid- lands.							Littlehampton ...	-	-
(Buxton ...)	0.12	59	40	bc.r	bc	7.5	Southsea ...	-	56
(Leamington Spa ...)	-	64	39	b	bc.b.o.	7.7	Ryde ...	-	56
(Malvern ...)	-	62	52	b	b.c.	7.7	Ventnor ...	-	57
Wales.							Bournemouth ...	-	58
(Rhyl ...)	-	56	45	c.b.c.	c	2.1	Weymouth ...	-	57
(Colwyn Bay ...)	-	58	44	b	b	6.2	Exmouth ...	0.01	57
(Llandudno ...)	-	58	44	b	bc	5.0	Teignmouth ...	-	60
(Aberystwyth ...)	-	52	47	o.c.b.	bc.c.	2.7	Torquay ...	-	55
(Tenby ...)	0.02	51	49	o.c.d.	o	0.0	Paignton ...	-	55
England, E.							Falmouth ...	0.01	54
(Lowestoft ...)	-	65	43	bc	bc.c.	6.5	Bude ...	0.01	54
(Felixstowe ...)	-	61	45	bc.b.	bc.m.	6.2	Ilfracombe ...	-	54
(Walton-on-Naze ...)	-	61	47	bc.m.	om.b.c.m.	5.6	Weston-super-Mare ...	-	55
(Southend-on-Sea ...)	-	63	45	b	b.c.b.	6.3			

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	49	87	7.9	67	46	3.0	1.	b	b.c.
City (Bunhill Row) ...	-	-	3.7	-	-	-	-	bc	bc
Westminster (St. James's Pk.)	55	86	5.5	66	49	4.5	-	bc	bc
Camden Sq. (Brit. Rainfall)	47	80	5.7	67	48	4.2	-	bc	bc
Hampstead (Reservoir) ...	-	84	6.8	61	47	3.9	-	bc	bc
Richmond Park ...	-	-	7.0	-	-	-	-	bc	bc
Kew. (See front page)	-	-	-	-	-	-	-	bc	bc
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				1243 Joules		26.8 Milliwatts			
				51		83			

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

2nd & 3rd April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.28	G.M.T. 11.57	G.M.T. 6.28
Greenwich ...	5.26	11.57	6.26
Wick ...	5.36	12.4	6.32
Valencia ...	5.40	12.16	6.52
	5.38	12.16	6.54
	6.17	12.45	7.13
	6.15	12.45	7.15

## NOTES ON YESTERDAY'S WEATHER.

The weather was fair or fine over the greater part of the country, but less sunny in the south than on the previous day. At Spurn Head 8.5 hours of bright sunshine were recorded. Showers or light rains were experienced in Scotland and Ireland and in the south-west of England. Temperature rose to 66 deg. at Yarmouth and to above 60 deg. at most stations in the Midlands and the 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-laze, 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

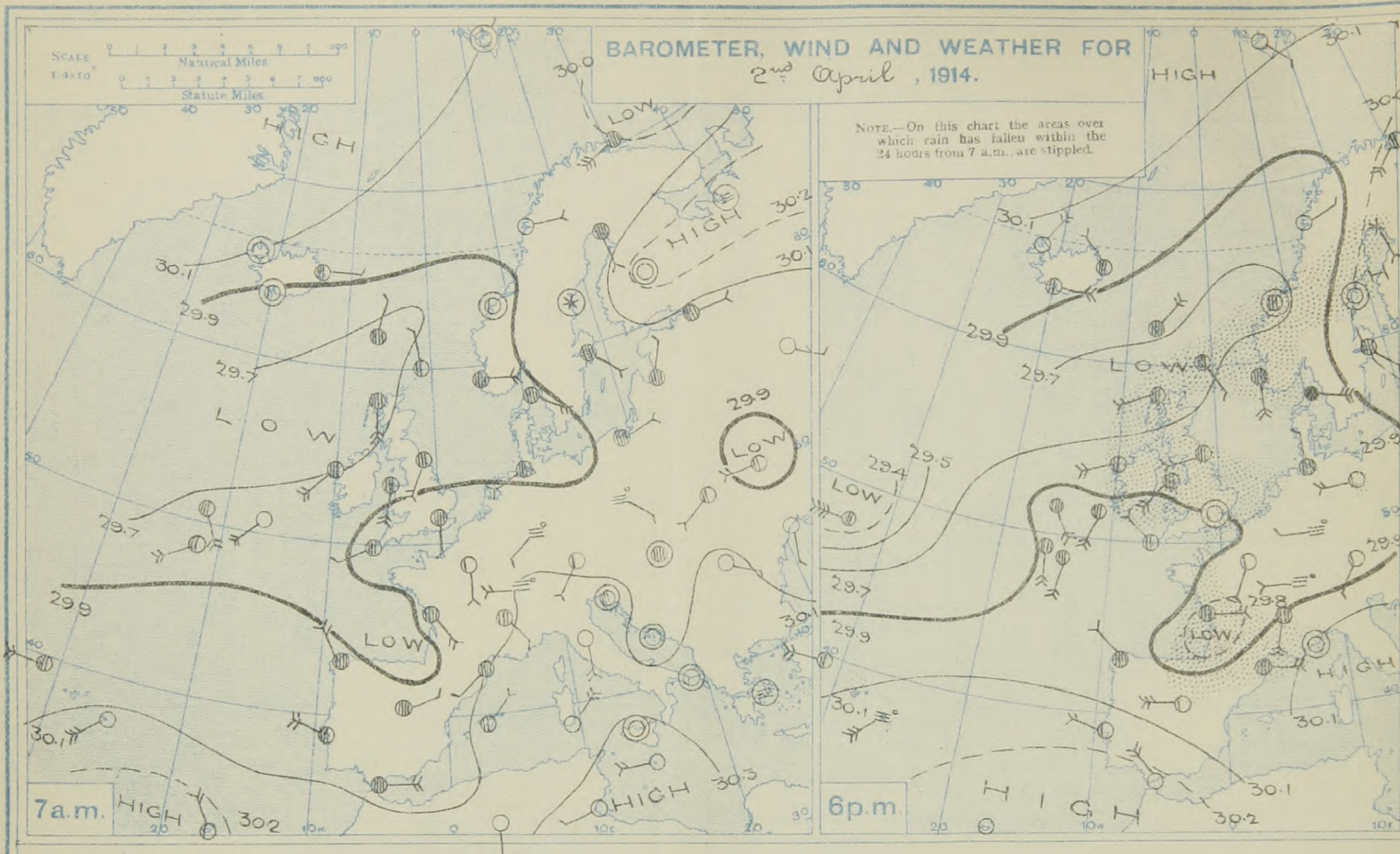


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
3rd April, 1914.

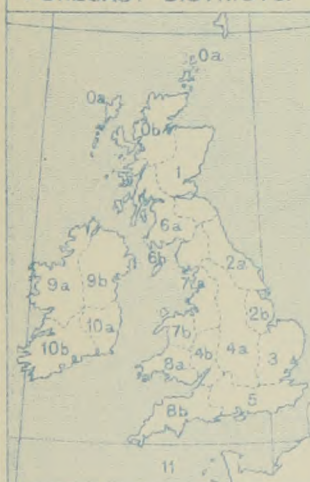
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 46°	Temp. F.	WIND		Weather.	Barometer. M.S.L. Lat. 46°	TEMP.		WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.					
				Dir.	Force 0-12.			In.	Change in 3 hours.	Dry Bulb.	Change in 24 hours				Dir.	Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	29.69	46	SE	1	c	29.73	+0.3	44	+3	-	0	c	0	Trace	48	39	c bc	c	c omeg	Hours.	
	Stornoway ...	29.65	49	WSW	3	cp	29.77	+0.4	42	-4	WSW	1	c	1	0.05	50	40	c cp	cp	bc c	*	
	Castlebay (Barra Isd.)	29.67	48	SW	4	bc	29.80	+0.5	46	-1	WNW	4	cp	4	0.09	50	44	cp op c	c bc	bc op c	5.5	
	Glasgow ...	29.75	47	SW	2	c	29.86	+0.3	44	-2	WSW	2	odg	*	0.08	52	43	p oc bc	c op c	op c o	4.0	
	Eskdalemuir ...	29.79	46	SW	4	ou	29.90	+0.3	41	-3	WSW	3	c	*	0.13	52	36	odm c	crhpo	o bc c	3.7	
	Malin Head ...	29.72	49	W	4	b	29.85	+0.1	45	-1	SSW	3	b	2	0.03	51	45	bc	bc	b	*	
	Blacksod Point ...	29.78	50	WSW	4	bc	29.84	0.0	48	0	SSW	3	bump	3	0.02	52	44	bep	bez	bc	*	
	Valencia ...	29.89	52	SW	3	c	29.90	-0.1	50	+2	S	3	=	4	0.01	55	46	c	c	c	5.4	
	Roche's Point ...	29.90	52	SW	3	bc	29.96	*	48	+2	SW	1	o	2	0.02	55	45	b bc	bc	bc ow	*	
	Birr Castle ...	29.85	49	SW	2	c	29.91	*	41	-4	S	1	bc	*	0.04	54	39	cp	cp	bc c	8.6	
	Donaghadee ...	29.80	49	W	3	bc	29.92	+0.2	40	-6	SW	2	bc	2	0.09	56	40	bep	bep	bc c bc	*	
	Liverpool Obsy. ...	29.85	53	WSW	3	bc	29.94	+0.2	44	-3	WSW	2	b	2	-	55	44	b	bc	bc	6.9	
	Holyhead ...	29.85	49	SW	4	cp gm	29.95	+0.2	45	-2	SW	2	bc m	1	0.02	53	42	b bc c	bc c bc	pe b bc	6.2	
	Pembroke (St. Ann's Hd.)	29.94	48	SSW	2	bc	29.99	+0.1	47	0	SW	2	cg	2	Trace	51	46	f	bc	bc	5.5	
	Newquay ...	29.93	50	W	2	bc	30.02	+0.3	49	+1	-	0	omw	3	0.02	53	47	o bc b	b	bc ow	7.0	
	Scilly (St. Mary's) ...	29.94	52	NW	2	bc m	30.01	0.0	48	-1	W	2	c	2	-	55	46	bc m	bc m	bc	8.3	
	Jersey (St. Aubin) ...	29.91	48	N	3	o	30.06	*	48	-2	NW	1	b m	1	0.02	58	44	bc m	c op m of bc m	of bc m	3.3	
	Portland Bill ...	29.91	49	WNW	1	b	30.00	+0.3	47	-1	W	1	b	2	-	52	45	of	f bc	b bc	*	
	Dungeness ...	29.90	51	SW	2	c	29.98	+0.2	43	-4	NW	2	b	1	-	53	38	cof	of c	bc f bw	*	
	Dover ...	29.87	49	SW	3	bc	29.93	*	46	-1	NW	3	bc	2	Trace	58	41	cg bc	bc	bc m bc	3.1	
Wick ...	29.68	45	NNE	1	c	29.76	+0.3	44	+4	-	0	c	2	0.16	47	40	f bc m	ct. cp d	om c c	*		
Nairn ...	29.67	50	W	2	bc	29.78	*	45	+6	SW	1	bc	2	0.03	56	38	d bc	bc	p bc c	7.0		
Aberdeen ...	29.69	52	W	1	b	29.81	+0.3	42	+2	WSW	1	c	2	-	57	37	b bc	bc b	b bc c	8.0		
Leith ...	29.73	51	W	3	c	29.83	+0.3	45	-4	WSW	3	b	*	0.02	56	42	cp	c	c bc c	*		
North Shields ...	29.78	55	WSW	3	c	29.89	+0.4	44	-2	WSW	3	bc	2	0.02	59	42	op c	op c	bc	?		
Spurn Head ...	29.81	53	SW	2	bc	29.88	+0.3	43	-3	W	3	bc m	2	0.03	59	41	om c	bc	bc m	2.7		
Yarmouth ...	29.88	49	S	1	bc m	29.94	+0.3	42	-7	W	1	bc m	1	0.10	57	41	c	c m	bc m	1.8		
Clacton-on-Sea ...	29.89	50	-	0	ogr	29.95	+0.6	42	-6	W	2	bc	0	0.30	52	40	bc m	b ogu r	o b m f	2.2		
Nottingham ...	29.85	56	SW	2	b	29.97	*	43	-3	WSW	1	cm	*	-	59	39	c m	c b	bc	4.1		
Bath ...	29.91	55	W	2	b	30.01	*	45	-5	W	1	m	*	0.09	58	41	r o	p o bc b	bc m	2.8		
London (Kew Obsy.) ...	29.90	54	-	0	b	29.99	+0.5	42	-8	SW	1	bc m	*	-	58	40	om c	o c bc b	bc m	3.2		
ICELAND, FAEROE, &c.	Spitzbergen ...	30.11	-23	SE	1	b	30.09	+0.2	-10	+13	-	0	o	*	-10	-31	GALES, Duration and Extreme Force in British Islands.					
	Isafjord ...	30.08	27	NE	4	b	30.04	+0.1	15	-3	-	0	b	*	*	*						
	Reykjavik ...	29.95	37	E	2	b	29.97	+0.3	33	+6	E	1	o	*	*	*						
	Vestmanna ...	29.91	38	E	4	bc	29.96	0.0	35	-1	SE	3	c	2	*	*					*	
	Seydisfjord ...	29.99	34	NW	2	c	30.00	-0.1	18	-10	-	0	b	*	*	*						
	Thorsbavn ...	29.71	39	NE	4	o	29.84	+0.4	35	-9	-	0	bc	*	*	*						
NORTHERN EUROPE.	Vardö ...	30.01	21	SW	4	bc	30.04	+0.1	21	-4	SW	4	b	3	-	27	16					
	Bodö ...	29.77	30	ESE	4	b	29.66	0.0	38	+11	ESE	2	bc	2	-	38	27					
	Christiansund ...	29.69	42	-	0	c	29.69	+0.1	42	+2	SW	1	o	4	0.04	48	39					
	Skudesnaes ...	29.82	40	S	4	o	29.80	+0.1	39	-4	SSE	2	r	2	0.04	43	39					
	Færder (X'ianka Fjord)	29.84	37	ESE	2	o	29.84	+0.1	36	0	SE	2	o	1	0.12	37	39					
	The Scau (Skagen) ...	29.81	40	ESE	5	r	29.83	+0.1	39	-2	-	0	o	0	0.20	45	37					
	Blaavands Huk ...	29.83	41	WNW	2	f	29.85	+0.2	41	-1	WNW	1	m	1	-	46	37					
	Haparanda ...	30.02	27	S	2	S	30.00	0.0	28	+10	S	2	S	*	0.35	28	18					
	Hernösand ...	30.00	32	-	0	o	29.98	0.0	30	-1	SSE	4	o	*	Trace	34	28					
	Stockholm ...	30.00	32	SE	2	o	29.94	0.0	32	-3	SE	2	o	*	-	37	30					
CENTRAL EUROPE.	Wisby ...	29.96	33	ESE	2	o	29.88	-0.1	33	-2	E	2	o	*	-	37	32					
	Karlstad ...	29.92	35	ESE	4	o	29.90	+0.2	32	-3	-	0	S	*	0.08	36	30					
	St. Petersburg ...	30.06	32	ESE	1	S	30.04	+0.1	32	+9	E	1	S	*	-	*	23					
	Berlin ...	29.84	61	W	3	b	29.80	0.0	50	-3	W	2	o	*	0.55	66	48					
	Frankfurt ...	29.85	64	W	1	m	29.89	+0.4	53	0	-	0	m	*	-	68	52					
	Munich ...	29.89	57	SW	1	b	29.86	-0.1	50	0	SW	3	o	*	-	64	46					
FRANCE.	Vienna ...	29.87	61	WNW	2	b	29.82	-0.2	47	+3	-	0	c	*	-	70	44					
	Cuxhaven ...	29.85	49	N	1	o	29.86	+0.2	42	-6	N	2	f	0	-	52	41					
	The Helder ...	29.89	47	NW	1	o	29.91	+0.2	47	0	W	2	bc	1	Trace	52	37					
	Brussels ...	29.89	50	ESE	2	c	29.95	+0.6	44	-7	NW	1	f	*	-	69	41					
	C. Gris Nez ...	29.89	50	NNE	1	r	29.97	+0.2	46	0	N	1	f	0	0.04	55	43					
	La Hève ...	29.89	47	NNE	3	o	30.00	*	46	-6	NW	2	b	1	0.04	59	43					
	Ushant ...	29.95	54	N	3	b	29.97	*	52	+2	NW	2	bc	3	-	54	46					
	Brest (St. Mathieu) ...	29.95	52	NE	2	c	30.09	+0.5	49	+2	NW	2	b	3	-	57	47					
	Roche fort (Ile d' Aix)	29.78	59	E	3	o	29.96	+0.8	51	0	N	5	o	*	0.16	63	50					
	Biarritz ...	29.80	54	W	5	o	30.03	+1.2	51	-5	NW	7	r	4	0.79	77	50					
SOUTHERN EUROPE.	Paris ...	29.86	65	SSW	2	b	29.95	+0.6	50	0	NNE	3	bc	*	-	73	49					
	Belfort ...	29.89	62	W	2	m	29.88	*	51	+5	-	0	m	*	-	69	46					
	Lyons ...	29.93	64	SSW	4	o	29.91	*	49	-2	S	1	r	*	0.28	66	49					
	Nice ...	30.11	50	-	0	b	29.98	-0.2	47	-6	-	0	r	4	0.04	64	46					
	Perpignan ...	29.97	55	E	3	o	29.85	+0.7	50	-1	NW	2	r	*	0.43	64	50					
	Sanguinaire ...	*	55	N	3	m	*	*	55	+1	E	3	m	2	-	59	52					
	Corunna (8 a.m.) ...	29.95	55	NW	3	o	30.27	+0.4	50	-4	SW	1	bc	3	-	55	45					
	Madrid ...	29.46	54	W	5	b	30.22	+0.8	51	-1	NW	1	b	*	0.12	54	45					
	Lisbon (9 a.m.) ...	30.25	55	WNW	3	b	30.29	+0.4	56	+3	NW	1	bc	6	-	61	52					
	Gibraltar ...	30.22	?	NW	4	b	30.23	0.0	50	-7	NW	4	bw	1	-	65	50					
Rome ...	30.15	44	SW	1	b	30.06	+0.2	41	0	N	1	b	*	-	64	39						
AZORES.	Azores (Horta, 8 a.m.)	30.11	*	SW	5	b	30.36	+0.2	52	-7	WNW	3	bc	3	0.16	64	52					
	Madeira (Funchal) ...	30.24	59	*	*	b	30.25	+0.2	57	-2	*	*	o	*	-	68	55					





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 }<br>b } | Light variable airs, freshening later from South-West: fair at first, then some rain: moderate temperature. Light breezes, mainly South-Westerly: fair generally: mild during day, cool night. |
| 2  | a }<br>b } | Light variable breezes, mainly South-Westerly: fair or fine generally: mild day, cool night.   |
| 6  | a }<br>b } | Light or moderate South-Westerly breezes: fair, some showers later: moderate to mild temperature.  |
| 7  | a }<br>b } | Light or moderate breezes, mainly South-Westerly: fair generally: moderate to mild temperature.  |
| 8  | a }<br>b } | Moderate or fresh South-Westerly winds, strong at times: considerable fair intervals, but some rain: moderate temperature.   |
| 9  | a }<br>b } | Moderate or light breezes, mainly South-Westerly: fair generally, but some local showers: moderate temperature. Same as No. 9a.  |
| 10 | a }<br>b } |  |
| 11 | {          | Light variable breezes, mainly South-Westerly, freshening later: sea moderate: fair generally.   |

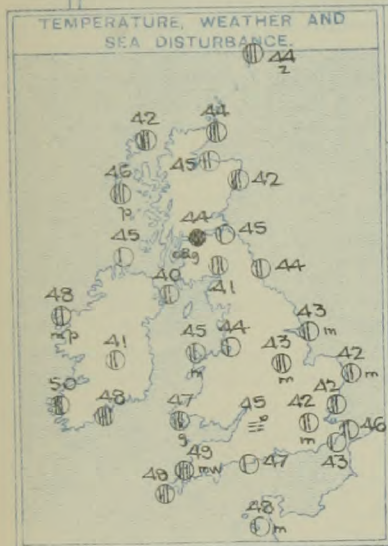
FURTHER OUTLOOK.



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

## GENERAL INFERENCE

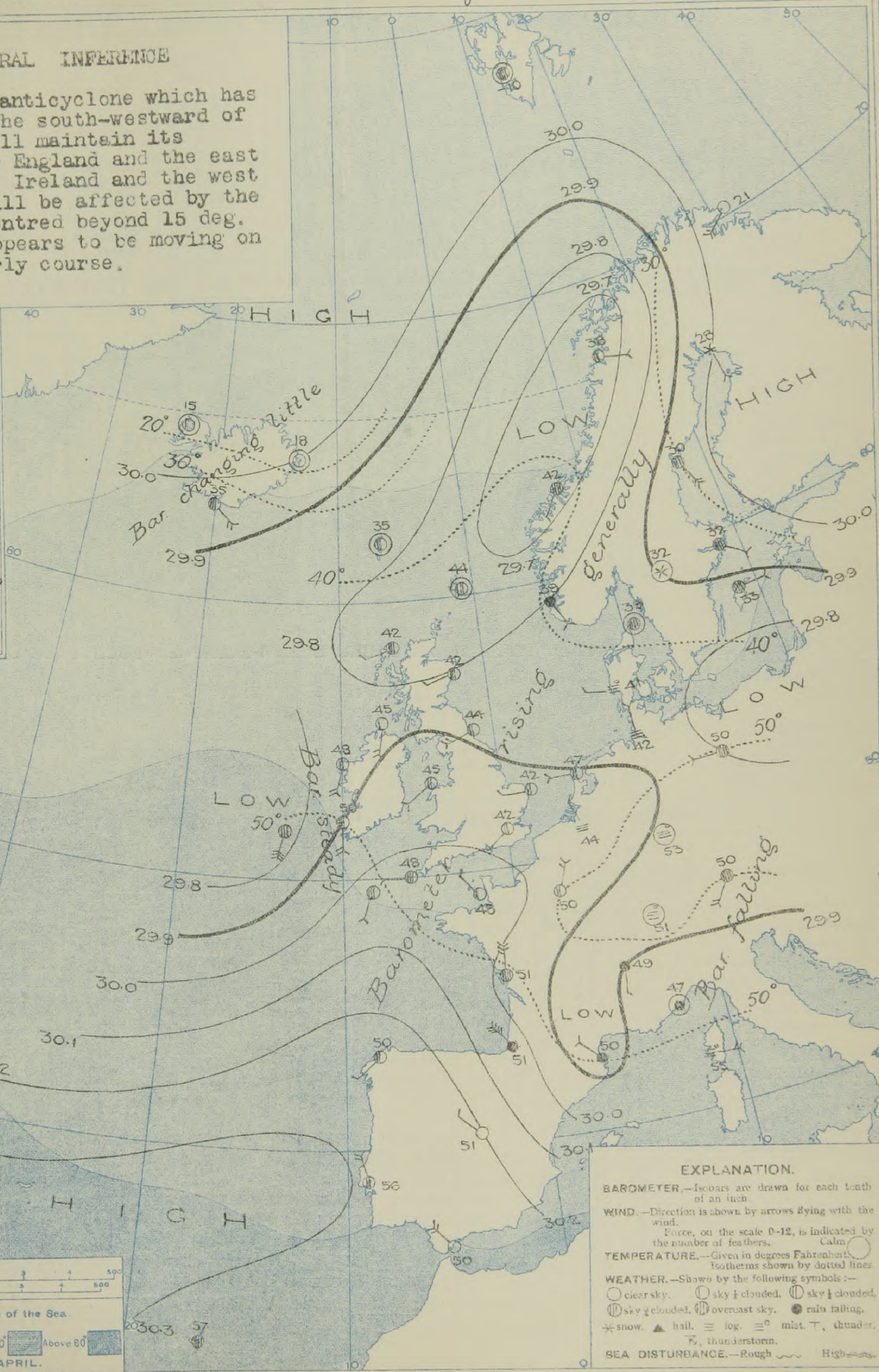
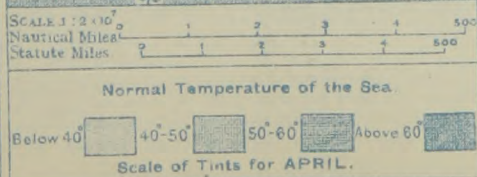
The anticyclone which has developed to the south-westward of our Islands will maintain its influence over England and the east of Scotland. Ireland and the west of Scotland will be affected by the disturbance centred beyond 15 deg. West, which appears to be moving on a north-easterly course.



inches.  
31

30

29



## EXPLANATION.

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

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

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

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

- clear sky.
- ◐ sky 1/4 clouded.
- ◑ sky 1/2 clouded.
- ◒ sky 3/4 clouded.
- ◓ overcast sky.
- rain falling.
- \* snow.
- ▲ hail.
- ≡ fog.
- ≡ mist.
- T, thunder.
- ⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough High



## DAILY WEATHER REPORT.

Friday, 3rd April, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
3rd, 7 a.m.	51	13	Merion	O	29.77	-0.05	SSW	6-7	c	2nd, 6 p.m.	48	14	New York	H	29.95	+0.03	SSW	4-5	c
"	49	8	New York	H	29.98	-0.03	SSW	1-3	c	"	51	11	Victorian	O	29.85	0.00	WSW	4-5	c
"	49	8	Olympic	H	29.02	+0.02	SSW	1-3	c	"	48	22	Olympic	H	29.76	+0.02	SSW	4-5	c
2nd, 6 p.m.	46	33	Bournemouth	H	29.38	+0.07	W	8-9	c	"	49	21	Alsation	H	29.80	0.00	SSW	4-5	c
"	51	15	Alsation	H	29.95	+0.03	SSE	4-5	o	"	48	21	New York	H	29.84	0.00	WSW	4-5	bc
"	49	15	Olympic	H	29.90	+0.02	SSW	4-5	o	"	50	17	Bedloe	H	29.85	-0.01	SW	4-5	b

## 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	0.21	51	42	obc	bc	4.5	England, S.E.	Margate	0.09	55	44	c	bc	2.1
	St. Andrews	0.05	56	40	*	*	6.2		Ramsgate	0.06	54	43	mf	f	1.1
Eng. N.E.	Harrogate	-	56	41	o-bc-b	b-bc-c	5.2		Folkestone	0.02	51	43	m-bm	bm-bc	1.1
	Scarborough	-	59	44	c-b	o-c	6.3		Hythe	0.01	55	42	e-bc	b	1.8
	Skegness	0.02	56	46	c-o	op-c	1.4		Littlestone	-	*	*	*	*	2.3
									Hastings	-	54	45	f-c	bc-b	1.6
Eng. N.W.	Morecambe	-	50	44	bc	b	7.3	England, S.W.	Bexhill-on-Sea	-	51	45	om	b	1.7
	Blackpool	-	53	43	o-c	bc-c	6.7		Eastbourne	-	55	45	o-c	c-bc	1.0
	Southport	-	?	43	bc	bc-c	7.9		Seaford	0.05	53	45	bc	o	1.2
Mid. land.	Buxton	-	56	40	bc	bc	6.3		Brighton	0.02	52	47	o-c	c-bc	3.8
	Leamington Spa	0.08	57	47	o	b	3.3		Worthing	0.11	57	44	p	b	3.3
	Malvern	0.03	57	46	bc	bc-b	3.6		Littlehampton	0.08	57	48	o-c-b	bc	3.5
Wales.	Rhyl	-	56	43	c-bc	c-bc-c	7.3		Southsea	0.02	57	48	o-c-b	bc	3.5
	Colwyn Bay	-	57	47	bc	bc-b	7.2		Ryde	-	56	49	*	*	2.8
	Llandudno	-	54	45	b	b	7.2		Ventnor	Trace	54	46	*	*	2.0
	Aberystwyth	-	52	47	o-c-b	b-bc	7.5		Bournemouth	-	59	47	m-o-c	cd-c	2.8
England, E.	Tenby	-	54	49	b	b	8.5		Weymouth	-	56	48	fd	c-b	2.6
	Lowestoft	0.09	59	46	bc-c-o	of-c	2.1		Exmouth	-	*	*	*	*	*
	Felixstowe	0.19	55	46	c-cm	bc-m	2.7		Teignmouth	0.16	54	48	od-r	bc	1.0
	Walton-on-Naze	0.18	52	42	omf-cm	ct-bcm	3.0		Torquay	0.03	53	49	o	c	1.2
England, E.	Southend-on-Sea	0.01	57	45	c-bc-b	b-bc	2.3		Paignton	0.03	53	48	op	bc	1.0
									Falmouth	0.13	57	48	org	bc	4.5
									Bude	0.10	55	47	of-bc	b	6.6
									Ilfracombe	0.04	55	48	q-bc	b-bc	6.4
									Weston-super-Mare	0.10	54	48	c	b	5.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	2 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.		
				F.	F.		In.	F.	F.
Greenwich (Royal Obsy.)	73	77	3.0	63	38	24	0.01	bc.	agbo bc-b
City (Bunhill Row)	*	*	0.5	*	*	*	*	bc	domon-b
Westminster (St. James's Pk.)	81	81	2.2	59	41	34	-	c	c-o
Camden Sq. (Brit. Rainfall)	74	65	2.2	62	40	35	-	bc	bc
Hampstead (Reservoir)	*	81	3.4	58	40	31	-	bc	bc
Richmond Park	*	*	3.4						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				563 Joules		12.1 Milliwatts			

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

3rd & 4th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.26 5.24	G.M.T. 11.57 11.56	G.M.T. 6.28 6.29
Greenwich	5.34 5.32	12.4 12.3	6.36 6.35
Wick	5.38 5.35	12.6 12.5	6.54 6.56
Valencia	6.15 6.13	12.45 12.44	7.15 7.16

## NOTES ON YESTERDAY'S WEATHER.

Rather dull weather prevailed over the east and south, with light falls of rain at many stations, rather irregularly distributed. Further north and west the day was brighter. Temperature rose to between 50 deg. and 59 deg. over the greater part of the country. 77 deg. was reached at Biarritz, at which station 0.79 in. of rain has been measured. 0.43 in. is reported from Perpignan, 0.55 in. from Berlin.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Terminals in London.

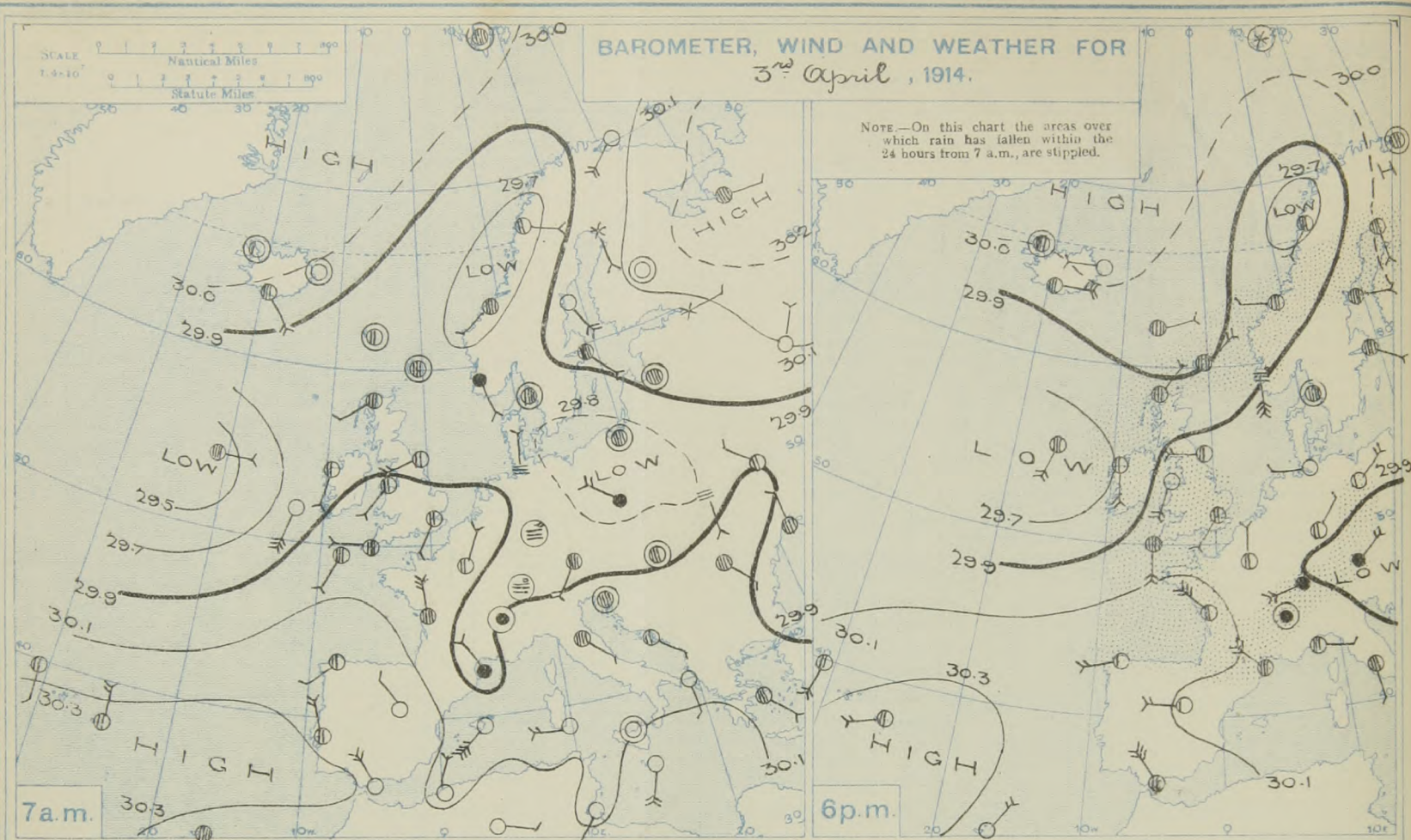


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
4th April, 1914.

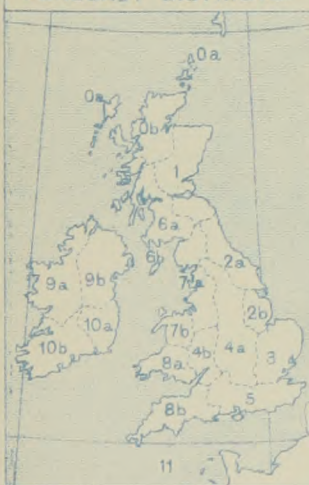
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.						Sun- shine for Yester- day.	
		Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Sea 0-9.	Rain- fall.	TEMP.		WEATHER.					
				Dir.	Force 0-12.						Dir.	Force 0-12.			Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	29.90	41	NE	3	o	29.94	+0.1	42	-2	ENE	2	c	1	0.15	46	39	or	orm	o.c.	Hours.	
	Stornoway ...	29.87	48	NE	2	c	29.84	0.0	43	+1	SE	1	c	1	0.04	52	42	cp	c	c	*	
	Castlebay (Barra Isd.)	29.84	48	SE	3	o	29.77	-0.1	46	0	E	5	dp	5	0.01	50	45	cp.bc	bc.o	op	6.8	
	Glasgow ...	29.89	49	SW	1	b	29.88	-0.1	39	-5	E	2	o	*	0.04	53	36	p.o.cp	c.be.b	b.be.x	5.4	
	Eskdalemuir ...	29.93	44	SW	3	b	29.90	-0.1	37	-4	NNW	2	cm	*	0.08	53	31	c.be.c	c.be	bc.cm	3.8	
	Malin Head...	29.81	53	SW	3	c	29.75	-0.2	45	0	S	3	o	2	0.08	55	45	bc	cg	omp.	*	
	Blacksod Point ...	29.70	52	S	4	bcv	29.76	0.0	46	-2	S	2	bcv	2	0.10	54	43	bcomp	bcomp	bcp	*	
	Valencia ...	29.76	46	WSW	4	ym	29.89	+0.4	44	-6	SSW	2	cv	4	0.31	54	44	orm	opm	c	0.6	
	Roche's Point ...	29.81	50	SSW	4	r	29.92	*	43	-5	SW	2	bc	3	0.35	54	41	cm	orm	rm.bc	*	
	Birr Castle ...	29.78	50	SSE	2	c	29.84	*	41	0	SW	1	bc	*	0.49	59	40	c	cp	cp.bc	7.4	
	Donaghadee ...	29.90	48	S	2	bc	29.83	-0.1	47	+7	S	3	cmp	3	0.03	53	40	b	bc	bc.op	*	
	Liverpool Obsy. ...	29.95	50	NW	1	b	29.85	-0.1	45	+1	SE	2	or	1	trace	54	44	b	b	c.or	9.8	
	Holyhead ...	29.94	48	SSW	3	bm	29.81	0.0	47	+2	SSE	4	omg	2	trace	53	45	bc.c.bc	bc.cob	bc.o.d.o	7.5	
	Pembroke (St. Ann's Hd.)	29.95	48	S	2	c	29.89	+0.2	46	-1	W	4	cg	4	0.19	54	45	cg	bc	bc	6.4	
Newquay ...	29.96	51	S	4	c	29.95	+0.6	48	-1	W	6	b	5	0.19	55	45	bc	bcv	bc.cpfj	4.0		
ICELAND, FAEROE, &c.	Spitzbergen ...	30.06	-1	-	0	S	30.02	0.0	4	+14	-	0	S	*	*	5	-13	GALES.				
	Isafjord...	30.00	28	-	0	c	30.06	+0.2	27	+12	NE	7	S	*	*	*	*	Duration and Extreme Force in British Islands.				
	Reykjavik ...	29.95	38	ENE	3	o	29.88	-0.3	33	0	ENE	4	c	*	*	*	*					
	Vestmanna ...	29.93	37	E	5	c	29.81	-0.3	37	+2	-	0	o	1	*	*	*					
	Seydisfjord ...	30.01	39	W	2	b	30.01	-0.1	24	+6	-	0	o	*	*	*	*					
	Thorshavn ...	29.95	38	ENE	2	o	29.97	-0.1	36	+1	E	3	o	*	*	*	*					
	NORTHERN EUROPE.	Vardö ...	30.04	25	-	0	c	29.87	-0.4	30	+9	S	6	S	2	?	30	16				
		Bodö ...	29.68	37	SW	2	c	29.63	-0.1	37	-1	SSE	2	c	2	-	41	34				
		Christiansund ...	29.84	39	W	1	c	29.92	+0.2	37	-5	NW	1	c	3	0.28	42	36				
		Skudesnaes ...	29.90	40	S	6	m	29.95	+0.1	41	+2	SSW	4	m	2	0.08	41	37				
Færder (X'ianta Fjord)		29.94	37	S	1	o	29.95	0.0	39	+3	SSW	3	o	1	-	39	36					
The Scaw (Skagen)...		29.96	42	-	0	o	30.00	+0.3	40	+1	SSW	1	o	0	-	43	37					
Blaavands Huk ...		29.98	41	-	0	f	30.01	+0.1	41	0	SE	1	f	1	-	46	39					
Haparanda ...		30.01	24	S	2	c	29.96	-0.1	26	-2	S	2	o	*	trace	30	21					
Hernösand ...		29.98	31	E	2	o	29.94	0.0	32	+2	SSE	2	S	*	trace	34	28					
Stockholm ...		29.97	34	ESE	2	o	30.00	+0.2	34	+2	ESE	2	c	*	-	36	30					
CENTRAL EUROPE.	Wisby ...	29.94	35	ENE	2	o	30.00	+0.4	35	+2	NNE	2	o	*	-	37	32					
	Karlstad ...	29.97	35	SE	2	o	30.00	+0.2	35	+3	-	0	o	*	-	37	30					
	St. Petersburg ...	30.09	36	SE	2	b	30.10	+0.1	26	-6	ESE	1	b	*	-	*	21					
	Berlin ...	29.91	48	NW	3	b	30.02	+0.5	45	-5	E	2	o	*	trace	57	43					
	Frankfurt ...	29.93	57	NE	1	bc	30.03	+0.4	46	-7	-	0	m	*	-	61	45					
	Munich ...	29.85	57	NE	3	r	30.02	+0.2	45	-5	W	3	r	*	0.35	64	45					
	Vienna ...	29.86	58	N	1	o	29.95	+0.3	48	+1	N	1	c	*	0.08	72	47					
	Cuxhaven ...	29.95	45	W	1	b	30.02	+0.2	42	0	SW	1	f	0	-	52	41					
	The Helder ...	29.99	47	NW	1	b	30.01	0.0	45	-2	SE	1	f	0	-	52	32					
	Brussels ...	30.02	51	NE	1	r	30.00	0.0	46	+2	SE	1	f	*	-	58	43					
FRANCE.	C. Gris Nez...	30.02	49	S	3	c	29.94	-0.2	46	0	S	4	c	2	trace	55	45					
	La Hève ...	30.06	46	NW	2	bc	30.00	*	46	0	WSW	4	o	4	-	55	43					
	Ushant...	29.95	52	SW	4	o	30.04	*	50	-2	NW	4	bc	4	0.28	55	43					
	Brest (St. Mathieu) ...	30.10	52	SSW	3	c	30.08	+0.5	48	-1	NW	4	bc	5	0.20	57	46					
	Rochefort (Ile d'Aix)	30.14	51	NW	5	bc	30.17	+0.3	51	0	NNW	4	c	*	0.20	59	48					
	Biarritz ...	30.24	53	WNW	3	b	30.28	+0.2	53	+2	SSW	3	c	3	0.16	55	46					
	Paris ...	30.02	58	N	2	bc	30.05	+0.1	46	-4	SW	2	c	*	-	64	42					
	Belfort ...	29.92	55	WSW	4	r	30.09	*	46	-5	W	4	o	*	0.16	63	46					
	Lyons ...	30.01	51	SE	1	r	30.13	*	50	+1	NW	2	b	*	0.32	55	49					
	Nice ...	29.95	51	E	1	c	29.96	+0.1	55	+8	-	0	b	2	-	55	45					
SOUTHERN EUROPE.	Perpignan ...	30.04	56	NW	4	c	30.19	+0.3	54	+4	NW	2	bc	*	0.16	58	47					
	Sanguinaire ...	*	54	SW	2	c	*	*	50	-5	E	2	bc	4	-	59	48					
	Corunna (8 a.m.) ...	30.28	61	WSW	3	b	30.39	+0.8	51	+1	WSW	1	bc	3	0.04	63	48					
	Madrid ...	30.08	65	W	2	b	30.32	+0.5	50	-1	SE	1	o	*	-	65	41					
AZORES & MADEIRA.	Lisbon (9 a.m.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
	Gibraltar ...	30.21	62	NW	5	bc	30.23	*	54	+4	NE	2	c	1	-	70	50					
	Rome ...	29.98	57	S	1	c	29.93	0.0	52	+11	E	1	o	*	0.12	64	41					
AZORES & MADEIRA.	Azores (Horta, 8 a.m.)	30.34	*	SW	4	c	30.38	+0.1	59	+7	SW	4	c	3	-	64	52					
	Madeira (Funchal) ...	30.29	58	NE	3	b	30.30	+0.2	59	+2	NE	3	b	3	-	66	55					





#### 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.

No  
Warnings Issued.

Western Channel and Bay. 11

##### FURTHER OUTLOOK.

0 { a } Light variable breezes, mainly Easterly:  
b } fair generally: moderate to mild temperature.

1 { a }  
b } Light Easterly airs, freshening later from South-West or West: dull, slight rain at first, then improving: moderate to mild temperature.

2 { a } Moderate Westerly breezes: fair generally:  
b } mild.

3 { a } Light and rather variable breezes: mostly dull,  
b } with occasional rain: moderate temperature.

4 { a } Same as Nos. 2 to 4.  
b }

5 { a } Moderate or fresh winds from West or North-West:  
b } fair generally: moderate temperature.

6 { a } Same as No. 6a.  
b }

7 { a } Westerly breezes: mostly fair, some showers:  
b } moderate temperature.

8 { a } Fresh Westerly or North-Westerly winds, with a  
b } moderate sea: fair generally: moderate temperature.

Miles Inches

105 31

104

103

102

101

100

99

98

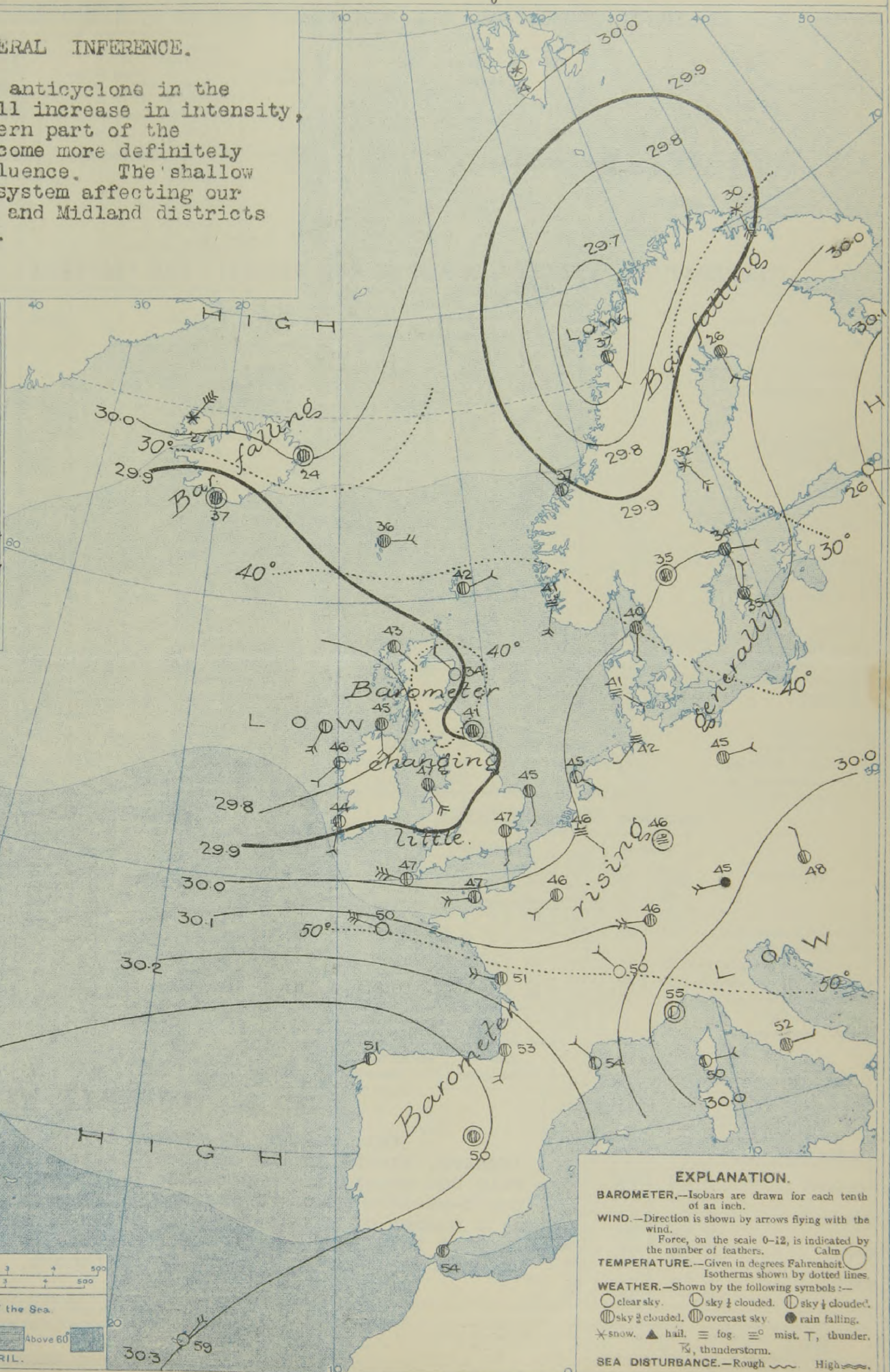
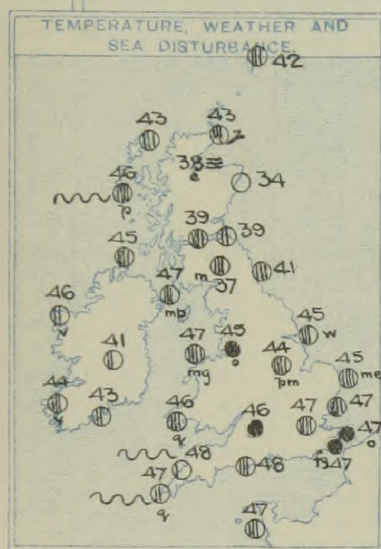
97



SYNOPTIC CHART FOR 7 a.m., Saturday, 4<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

The anticyclone in the south-west will increase in intensity, and the southern part of the country will come more definitely under its influence. The shallow low pressure system affecting our north-western and Midland districts will disperse.









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  $\frac{1}{4}$  clouded.  
 sky  $\frac{3}{4}$  clouded.     overcast sky.     rain falling.

\*snow. ▲ hail. ≡ fog. ≡<sup>o</sup> mist. T, thunder.  
⚡ thunderstorm.

SEA DISTURBANCE.—Rough  High 

SCALE 1:2000  
Nautical Miles 0 1 2 3 4 500  
Statute Miles 0 1 2 3 4 500

Normal Temperature of the Sea.

Below 40° 40°-50° 50°-60° Above 60°

Scale of Tints for APRIL.



## DAILY WEATHER REPORT.

Saturday, 4th April, 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.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
4th, 7 a.m.	48° 09'	72° 27'	HM.S. Dry Bulb 50°, Wet Bulb 50°, Sea Temperature 52°, Sea Disturbance 4, Barometer rising. West-North-Westerly Squall.	H	30.13	-	WNW	6	b	4th, 7 a.m.	55	10	Lake Manitoba	O	29.71	-0.05	SSW	4-5	bc
3rd, 6 p.m.	54	16	Jonian	H	29.62	+0.12	SSW	4-5	c										
" 7 a.m.	53	20		H	29.42	-0.01	E	1-3	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.
(Oban ...	0.01	52	44	o.c.	bc.b.	5.9	Ramsgate ...	-	57	48	b.	bc	5.8
(St. Andrews ...	-	59	39	b	b	10.0	Folkestone ...	-	56	40	bz	bc	5.4
Eng- land.							Hythe ...	-	60	44	b.b.c.	b.b.c.	4.7
(Harrogate ...	-	55	41	bc.c.	bc.b.	5.5	Littlestone ...	-	60	35	b	b	5.6
(Scarborough ...	-	57	42	c.b.	c.b.	6.7	Hastings ...	-	57	44	bc.b.	b	7.2
(Skegness ...	-	56	51	b.b.c.	c.o.	4.3	Bexhill-on-Sea ...	0.01	55	41	b	b	8.4
Eng- land.							Eastbourne ...	-	56	43	c.b.c.	c.b.c.	8.3
(Douglas ...	0.02	52	42	b	bc.o.	8.1	Seaford ...	-	53	39	o	o	7.2
(Morecambe ...	-	54	45	bc.b.	b	8.4	Brighton ...	-	54	42	c.b.c.	bc.c.	7.8
(Blackpool ...	0.04	54	45	o.c.	bc.c.	8.8	Worthing ...	-	57	40	c.b.c.	bc.	5.0
(Southport ...	0.03	53	45	b.b.c.	bc.b.	10.3	Littlehampton ...	-	57	40	c.b.c.	bc.	3.9
Mid- lands.							Southsea ...	-	57	40	b	bc	4.0
(Buxton ...	-	55	39	bc	bc	4.4	Ryde ...	-	58	48	bc	bc	5.5
(Leamington Spa ...	-	58	39	o.c.b.c.	bc	6.6	Ventnor ...	-	55	48	b	bc	4.0
(Malvern ...	-	58	42	b.b.c.	bc.b.	6.0	Bournemouth ...	-	57	40	b.b.c.	bc	5.6
Wales.							Weymouth ...	-	57	40	bc	bc.b.	4.5
(Rhyl ...	-	54	41	b	b	7.9	Exmouth ...	-	60	40	bc	bc	7.9
(Colwyn Bay ...	-	54	44	b	b	7.1	Teignmouth ...	-	57	39	bc	bc	6.3
(Llandudno ...	-	55	43	b	b	8.9	Torquay ...	0.01	57	38	b.b.c.	b.b.c.	7.5
(Aberystwyth ...	-	53	46	c.o.c.	c.b.c.	6.5	Paignton ...	-	57	38	b.b.c.	b.b.c.	6.4
(Tenby ...	-	55	50	b	b	8.5	Falmouth ...	-	57	44	c.b.c.	bc	5.2
England.							Bude ...	-	56	47	w.b.c.c.	c.b.c.	3.4
(Lowestoft ...	0.02	58	40	b.b.c.c.	c.o.p.c.	6.8	Ilfracombe ...	-	54	46	c.b.c.b.	b.b.c.c.	5.2
(Felixstowe ...	-	58	40	b	bc	5.8	Weston-super-Mare ...	-	55	45	b	b.b.c.	7.5
(Walton-on-Naze ...	0.01	56	40	bc.m	om.cm	6.1							
(Southend-on-Sea ...	-	60	41	b.b.c.	b.b.c.	7.0							

## 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.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
Greenwich (Royal Obs.) ...	% 62	% 89	Hr. 5.6	F.° 60	F.° 43	F.° 30	In. 0.05	o.c.bc	o.bc	c.o.ot
City (Banhill Row) ...	"	"	0.6	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	65	85	3.4	59	46	39	-	bc	bc	md.o
Camden Sq. (Brit. Rainfall)	54	78	4.1	60	45	40	-	b	b.c.c	"
Hampstead (Reservoir) ...	"	87	5.9	56	44	36	0.01	bc	bc	c.f.o.
Richmond Park	"	"	6.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	"	"	"							
				Total.		Average Rate.		Max. Rate.		
				1174 Joules		25.1 Milliwatts.		565 Milliwatts.		
S. Kensington (Roof of M.O.)	60	90	3.9							

## 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	58	43	40	bc.b.	bc
Plymouth to 9 p.m.	-	54	42	36	ov	bc
Darwen	0.02	53	41	39	c.o.c.	bc
Manchester	trace	55	41	39	o.c.	bc
Birmingham	-	56	42	36	c	bc
Oxford to 8 p.m.	-	57	39	34	bc.m	cm
S. Kensington (Museum Grounds to 6 p.m.)	-	58	41	29	b.b.m	bc.c

## NOTES ON YESTERDAY'S WEATHER.

Fair weather prevailed over the greater part of the country, except in the south of Ireland, where rather heavy rain has occurred. Rain also fell during the night in the south-western part of England. Temperature touched 60 deg. at a number of stations in the south of England. The largest totals of bright sunshine were 10 hours at St. Andrews, and 10.3 hours at Southport.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

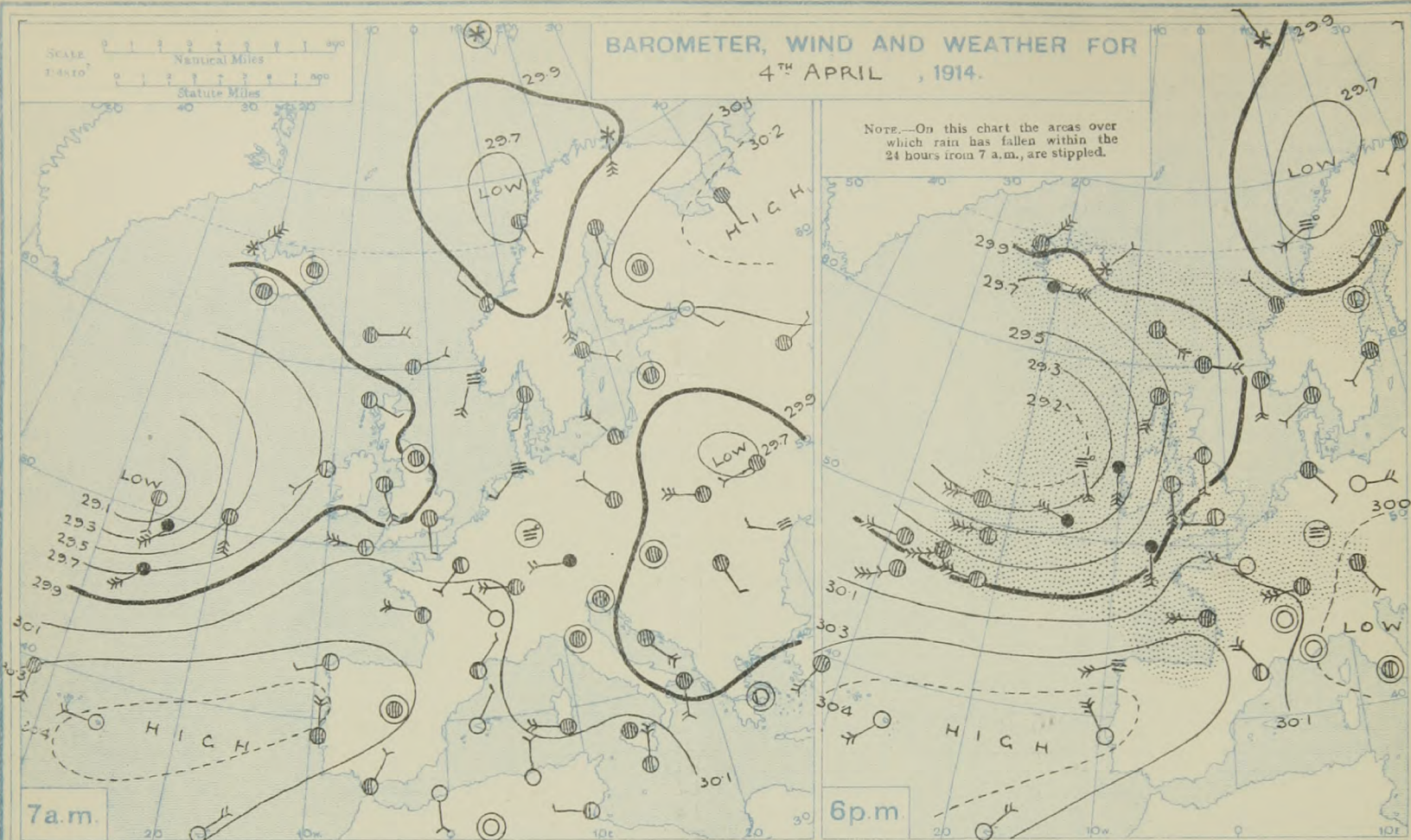


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
5th April 1914.

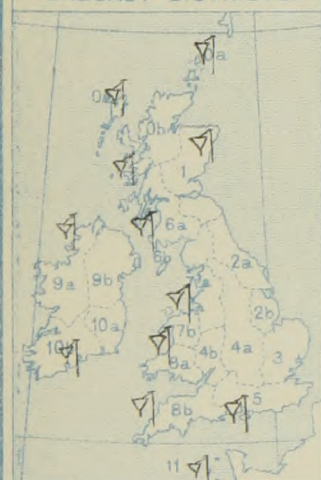
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.						Sun- shine for Year day.
		Barom. M.S.L. Lat. 45.	Temp. F.	Wind		Weather.	M.S.L. Lat. 45.	Change in 2 hours.	Dry Bulb.	Change in 24 hours.	Wind.		Weather.	Sea 0-9.	Rain- fall.	Temp.		Weather.					
				Dirac.	Force 0-12.						Dirac.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.			
		In.	F.	Dirac.	Force 0-12.		In.	F.	Dirac.	Force 0-12.		In.	F.	Dirac.	Force 0-12.		In.	F.	Dirac.	Force 0-12.		Hours.	
BRITISH ISLANDS.	Lerwick ...	29.85	44	ESE	5	o	29.56	-0.08	45	+3	ESE	6	oqr	6	o	4	0.02	45	40	om	o.c	o.cq	?
	Stornoway ...	29.66	48	SSW	4	o	29.22	-1.10	47	+4	SSE	4	o	4	Trace	52	43	bc.c	c.o	c.cdp			
	Castlebay (Barra Isd.)	29.59	47	E	5	o	29.16	-0.08	47	+1	S	5	r	5	0.23	49	46	pac	o	opr		1.2	
	Glasgow ...	29.75	50	SSE	2	og	29.35	-1.11	44	+5	SE	3	o	4	0.11	51	38	o.cq.og	o	o.c.ora		1.6	
	Eskdalemuir ...	29.81	45	SW	3	r	29.40	-1.11	43	+6	SSE	4	or	4	0.24	52	36	c.bc.o	og	o.or		4.0	
	Malin Head...	29.54	48	S	5	o	29.25	-0.04	46	+1	WSW	5	bc	4	0.12	54	44	bc	opm	bepq			
	Blacksod Point ...	29.36	51	S	6	r	29.32	-0.00	48	+2	WSW	6	opq	5	0.56	52	45	bc	or	or.cpq			
	Valencia ...	29.50	52	S	5	om	29.60	+0.01	50	+6	SW	4	omv	5	0.51	52	44	omv	omv	opm		1.0	
	Roche's Point ...	29.65	49	S	6	r	29.63	-0.02	48	+5	W	4	c	5	0.38	51	42	omv	rm	r.c			
	Birr Castle ...	29.56	49	SSE	2	c	29.48	-0.04	47	+6	W	3	c	4	0.26	54	39	c	cp	or.cq		5.9	
	Donaghadee ...	29.74	49	S	3	bc	29.39	-0.04	47	0	SW	3	ormv	3	0.18	53	46	bc	c.bc	bc.orm			
	Liverpool Obsy. ...	29.86	49	SW	3	b	29.52	-0.01	43	+3	SW	3	op	3	0.06	52	44	p.o.c	o.bc	bc.or		2.1	
	Holyhead ...	29.84	47	S	5	cqg	29.52	+0.02	48	+1	SW	4	bc	5	0.24	52	46	bc.de	bc.cac	o.c.ora		3.7	
	Pembroke (St. Ann's Hd.)	29.86	48	SSW	3	r	29.65	+0.01	48	+2	WSW	6	cqg	6	0.23	56	45	cq	c	cq		7.5	
	Newquay ...	29.93	50	S	5	or	29.78	+0.04	50	+2	SW	4	ogm	5	0.21	52	47	b	bc.o	or		6.9	
	Scilly (St. Mary's) ...	29.89	49	S	5	orm	29.79	+0.03	49	+2	W	6	om	6	0.10	53	45	cmv	orm	orm.cq		4.4	
	Jersey (St. Aubin) ...	30.11	50	WSW	5	bc	29.88	-0.01	51	+4	WSW	5	ogm	4	0.35	53	46	c.cq.og	b.bc	orm.o		8.1	
	Portland Bill ...	29.99	49	WSW	5	bc	29.71	+0.04	50	+2	WSW	6	o	5	0.30	51	46	bc	bc	bc.or			
	Dungeness ...	29.98	49	SW	4	bc	29.74	-0.07	48	+1	S	5	r	5	0.25	52	45	bep	bep	c.or			
	Dover ...	29.95	49	NW	2	bc	29.71	-0.04	47	0	S	6	org	6	0.20	51	42	r.bep	bepi.bc	bc.org		2.0	
Wick ...	29.73	47	SSE	5	b	29.40	-1.11	44	+1	SSE	6	bcm	4	-	47	43	cq.beg	beg.ccm	m.bcm		2.8		
Nairn ...	29.72	51	-	0	bcm	29.33	-0.04	46	+3	-	0	og	3	Trace	53	37	fe.bc	bcm	cmv		8.3		
Aberdeen ...	29.79	47	S	3	c	29.43	-1.10	45	+11	SSE	5	o	3	-	53	34	b	b.bc.c	c.o				
Leith ...	29.76	46	SSW	1	o	29.37	-1.11	44	+5	SSE	3	r	4	0.06	51	38	c.bc	c	o				
North Shields ...	29.81	53	S	3	cq	29.49	-0.03	44	+3	SE	4	r	3	0.03	53	41	c	og	c.or		4.5		
Spurn Head ...	29.89	50	SW	3	c	29.59	-1.12	45	0	S	6	org	5	0.07	57	41	c	c	c.bc		5.4		
Yarmouth ...	29.94	48	SSE	3	bc	29.75	-0.03	45	0	S	5	ort	3	0.05	57	43	bc	bc	bcorm		4.4		
Clacton-on-Sea ...	29.96	48	SW	2	cu	29.71	-1.10	46	-1	SSE	5	org	5	0.21	50	45	or.c	c.bc.cu	or.beg		1.6		
Nottingham...	29.91	48	W	2	o	29.59	-0.04	48	+4	SW	4	or	4	0.20	51	39	o.cq	om	o.c.b		0.1		
Bath ...	29.93	50	W	2	c	29.71	-0.04	50	+4	W	4	o	4	0.22	55	46	p.o.o	c.bc.b	org		5.8		
London (Kew Obsy.)...	29.97	51	W	2	bc	29.69	-0.06	50	+3	SSW	3	o	4	0.11	54	43	om.o.c	co.c.bc	bc.d.ora		1.3		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.96	4	NNW	1	s	29.94	+0.02	-14	-18	SE	1	b	1	-	7	-18	-	-	-	GALES.		
	Isafjord...	29.96	27	NE	6	o	29.80	-0.01	24	-3	N	8	o	8	-	-	-	-	-	-	Duration and Extreme Force in British Islands.		
	Reykjavik ...	29.73	37	NNE	2	c	29.50	-0.08	32	-1	-	0	o	0	-	-	-	-	-	-	Portland Bill 5th		
	Vestmanna ...	29.64	38	E	7	r	29.40	-0.06	36	-1	-	0	bc	1	-	-	-	-	-	-	Mid-30m. 3.8.		
	Seydisfjord ...	29.92	30	NE	2	s	29.60	-0.09	29	+5	NE	3	s	3	-	-	-	-	-	-			
	Thorshavn ...	29.82	40	SE	4	o	29.33	-0.08	44	+8	SE	5	m	5	-	-	-	-	-	-			
NORTHERN EUROPE.	Vardö ...	29.80	32	SW	2	c	29.67	-0.02	32	+2	SW	4	c	2	-	32	16	-	-	-			
	Bodö ...	29.65	32	SW	4	m	29.72	+0.06	39	+2	SSE	4	c	2	-	39	32	-	-	-			
	Christiansund ...	29.98	36	NW	2	o	29.90	-0.03	35	-2	SE	1	b	4	0.16	37	32	-	-	-			
	Skudesnaes ..	29.99	42	S	4	o	29.88	-0.02	40	-1	S	6	o	4	-	42	39	-	-	-			
	Færder (X'ianla Fjord)	29.94	39	SSW	4	m	29.96	-0.00	37	-2	N	3	m	1	-	41	36	-	-	-			
	The Scaw (Skagen)...	30.01	41	SW	2	o	29.99	-0.00	40	0	WSW	1	o	0	-	41	37	-	-	-			
	Blaavands Huk ...	30.05	40	-	0	m	29.98	-0.03	43	+2	S	1	m	1	-	45	39	-	-	-			
	Haparanda ...	29.91	30	SW	2	o	29.83	-0.03	29	+3	S	4	o	4	0.08	32	26	-	-	-			
	Hernösand ...	29.93	33	-	0	bc	29.97	+0.01	29	-3	-	0	b	0	0.04	43	19	-	-	-			
	Stockholm ...	30.01	36	SW	2	o	29.97	+0.01	37	+3	NNW	2	o	2	Trace	37	34	-	-	-			
Wisby ...	30.05	35	NNW	2	b	30.02	-0.01	38	+3	WSW	2	o	2	-	39	32	-	-	-				
Karlstad ...	29.99	38	-	0	o	29.98	-0.00	37	+2	-	0	r	0	-	39	35	-	-	-				
St. Petersburg ...	30.08	31	ENE	1	b	30.04	-0.01	27	+1	SE	1	b	1	-	-	25	-	-	-				
CENTRAL EUROPE.	Berlin ...	30.04	47	E	3	b	30.07	-0.00	42	-3	S	2	bc	2	-	52	42	-	-	-			
	Frankfurt ...	30.01	50	-	0	m	30.08	+0.03	43	-3	SW	1	m	1	Trace	54	43	-	-	-			
	Munich ...	29.99	46	SE	3	o	30.11	+0.01	38	-7	SW	4	r	4	0.91	54	36	-	-	-			
	Vienna ...	29.98	50	NNE	1	o	30.01	+0.02	45	-3	N	1	o	0	-	57	43	-	-	-			
	Cuxhaven ...	30.04	45	SE	1	o	29.97	-0.02	37	-5	SE	1	f	0	-	46	36	-	-	-			
	The Helder ...	30.00	47	S	1	o	29.87	-0.05	45	0	SSE	4	m	2	Trace	52	37	-	-	-			
	Brussels ...	30.04	45	SSE	1	o	29.94	-0.04	44	-2	SSE	4	o	4	0.16	54	41	-	-	-			
FRANCE.	C. Gris Nez...	30.00	48	WSW	5	c	29.77	-0.03	45	-1	S	5	r	5	0.16	54	45	-	-	-			
	La Hève ...	30.09	48	WNW	4	b	29.83	-0.04	49	+3	SW	5	o	4	0.08	54	45	-	-	-			
	Ushant...	29.96	50	SW	5	r	29.91	-0.05	52	+2	W	5	o	4	0.16	52	46	-	-	-			
	Brest (St. Mathieu) ...</																						





**PILOT BALLOON ASCENTS for the PAST WEEK.**  
Component Velocities to East and to North in Metres per Second.

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday. Signals hoisted this morning.

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

South Cone hoisted yesterday at 1.55 pm in Districts 9 and 10; and at 6.50 pm in Districts 0, 1, 5, 6, 7, 8 and 11.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

		Station	Comp. to East		Comp. to North		Comp. to East		Comp. to North		Comp. to East		Comp. to North		Comp. to East		Comp. to North	
		Date and Hour	1st	7h.	2nd	18h.	3rd	7h.	3rd	13h.	4th	11h.						
Heights in Kilometres	5.0						+12	0										
	4.0		+13	+19	+14	+3	+11	-2										
	3.0		+11	+12	+11	0	+12	-3										
	2.0		+8	+12	+4	0	+6	-4										
	1.0		+5	+11	+5	0	+2	-4	+9	+2	-1	+5						
	0.5		+6	+8	+4	-1	0	-3	+6	+3	-2	+5						
	Ground		-2	+5	+3	-1	+2	0	+6	+2	-2	+4						
Station	Date and Hour																	
Heights in Kilometres																		

Millibars  
105  
104  
103  
102  
101  
100  
99  
98  
97



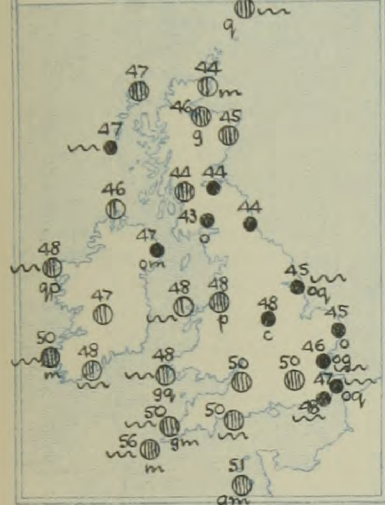
# SYNOPTIC CHART FOR 7 a.m., Sunday, 5<sup>TH</sup> APRIL, 1914.

## EQUIVALENT PRESSURE VALUES.

Mercury Inches and Millibars

in.	mb.	in.	mb.
29.0 =	982.0	30.0 =	1015.9
29.1 =	985.4	30.1 =	1019.3
29.2 =	988.8	30.2 =	1022.7
29.3 =	992.2	30.3 =	1026.0
29.4 =	995.6	30.4 =	1029.4
29.5 =	998.9	30.5 =	1032.8
29.6 =	1002.3	30.6 =	1036.2
29.7 =	1005.7	30.7 =	1039.6
29.8 =	1009.1	30.8 =	1043.0
29.9 =	1012.5	30.9 =	1046.4

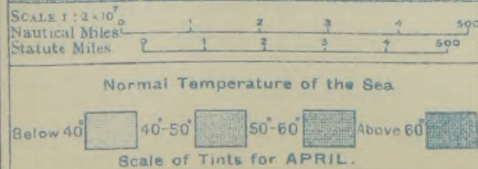
## TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches.  
31

30

29



## EXPLANATION.

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

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

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

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

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

○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded.

○ sky ¾ clouded. ○ overcast sky. ● rain falling.

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

⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy High



## DAILY WEATHER REPORT.

Sunday, 5th April, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- 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.	
5th 7 a.m.	49	15	Lapland	H	29.85	0.0	WSW	4-5	0	4th 6 p.m.	51	14	Ascaris	O	29.43	+0.4	WNW	6-7	r
4th 6 p.m.	48	28	Oceanic	O	29.71	+0.5	W	4-5	0	"	54	13	Lake Manitoba	O	29.14	-0.4	SSE	4-5	m
"	47	28	Lusitania	H	29.80	+0.7	WSW	8-9	0	"	51	26	California	H	29.06	-0.5	S	1-3	c
"	47	28	Manitou	H	29.85	+0.2	WSW	6-7	0	"	47	25	Lapland	H	29.53	-0.3	SW	6-7	r
"	48	26	Victorian	O	29.65	+0.5	WSW	8-9	0	"	49	24	Victorian	O	29.57	-0.1	SW	8-9	c
"	52	22	California	H	29.28	+0.7	W	6-7	0	"	50	19	Merion	O	29.38	-0.5	SSW	6-7	0
"	48	20	Lapland	H	29.77	+0.5	WNW	6-7	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
		In.	F. °	P. °			Hr.			In.	F. °	F. °			Hr.
Scot- land.	{ Oban ... ..							{ Margate ... ..	0.05	53	45	op.c	bc.o	1.2	
	{ St. Andrews ... ..				*	*			{ Ramsgate ... ..	0.06	58	44	r.o	o	1.4
Eng. N.E.	{ Harrogate ... ..	—	54	36	c.bc	bc.c.o	1.4	{ Folkestone ... ..	0.08	52	44	or	bc	0.6	
	{ Scarborough ... ..	—						{ Hythe ... ..	0.09	53	44	r.bcp	bcp	0.9	
	{ Skegness ... ..	—	53	48	b.bc	bc	2.3	{ Littlestone ... ..	*	*	*	*	*	1.2	
								{ Hastings ... ..	0.06	54	45	op.bc	bc.c	2.4	
Eng. N.W.	{ Morecambe ... ..	—	50	42	o.bc	bc.o	0.5	{ Bexhill-on-Sea ... ..	0.11	52	46	or	o	2.8	
	{ Blackpool ... ..	—	53	41	c.o	c	2.2	{ Eastbourne ... ..	0.07	52	45	o.bcp	o.bcp	4.8	
	{ Southport ... ..	—	53	40	c.bc.o	o.c.bc	2.3	{ Seaford ... ..	0.03	54	48	bc	bc	5.1	
								{ Brighton ... ..	0.13	52	47	op.o	p.o.b.c	3.8	
Mid- lands.	{ Buxton ... ..	0.02	50	40	bc	bc	1.5	{ Worthing ... ..	0.04	54	45	cr	bc	3.7	
	{ Leamington Spa ... ..	—	54	41	o	c	2.1	{ Littlehampton ... ..	0.05	*	*	*	*	4.0	
	{ Malvern ... ..	0.10	54	49	bc	bc	2.0	{ Southsea ... ..							
								{ Ryde ... ..							
Wales.	{ Rhyl ... ..	0.05	54	42	c.bc.o	c.bc	3.5	{ Ventnor ... ..							
	{ Colwyn Bay ... ..							{ Bournemouth ... ..	0.19	56	45	r.c.o	c.bc	4.2	
	{ Llandudno ... ..														
	{ Aberystwyth ... ..	—	52	45	o.c	c.bc	4.0	{ Weymouth ... ..	0.17	56	46	o.b	b.bc	7.4	
England, E.	{ Tenby ... ..	0.17	53	48	b	bc	6.5	{ Exmouth ... ..							
								{ Teignmouth ... ..	0.14	58	45	bcp.bc	bc.c	7.0	
								{ Torquay ... ..							
								{ Paignton ... ..	0.11	57	45	op.bc	bc.b	7.6	
England, E.	{ Lowestoft ... ..							{ Falmouth ... ..	0.20	54	44	bc	bc.or	7.2	
	{ Felixstowe ... ..	0.01	51	44	m.op	bc.c	1.9	{ Bude ... ..							
	{ Walton-on-Naze ... ..	0.02	50	45	cp.c	b.bc.cg	2.1	{ Ilfracombe ... ..	0.30	52	46	bc.b	b.bc.c.o	6.6	
	{ Southend-on-Sea ... ..	0.03	57	45	r.o.bc	bc.o.bc	0.7	{ Weston-super-Mare ... ..							

## 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.																					
	%	%	Hr.	F. °	F. °	F. °	In.	c	c.r.c	c		In.	F. °	F. °	F. °	r.c.b	b.c	c	*		
Greenwich (Royal Obs.) ...	81	75	1.5	56	41	31	0.16					0.17	57	43	42						
City (Bunhill Row) ...	*	*	0.9	*	*	*	*	*	*	*	*	0.28	56	44	41	or	b.c	b.c	7.3		
Westminster (St. James's Pk.)	82	82	1.2	54	45	38	0.15	od.r	r	r.o.e		-	54	40	37	c.o.u	c.o.u.b	c.o.u	2.7		
Camden Sq. (Brit. Rainfall)	72	76	1.6	56	44	37	0.19	o	-	*			55	44	*	b.c.c	c.b.c	or.b.c	3.0		
Hampstead (Reservoir) ...	*	87	1.5	53	42	35	0.22	b.c.r	or	o		Trace	55	44	*	b.c.c	c.b.c	or.b.c	3.0		
Richmond Park	*	*	1.0									0.03	52	43	36	r	o	c.c	1.1		
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											52	45	36	b.c.or	or.o.c	c.b.c	*
				Total.		Average Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	81	80	1.4	608 Joules		12.9 Milli-watts.		600 Milli-watts.					S. Kensington (Museum Grounds to 6 p.m.)	0.02	57	45	36	b.c.or	c.o	c.c	*

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

5th & 6th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.21 5.18	G.M.T. 11.56 11.56	G.M.T. 6.31 6.33
Greenwich	5.30 5.27	12.3 12.3	6.37 6.39
Wick	5.32 5.29	12.15 12.15	6.59 7.1
Valencia	6.11 6.8	12.44 12.44	7.17 7.19

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.

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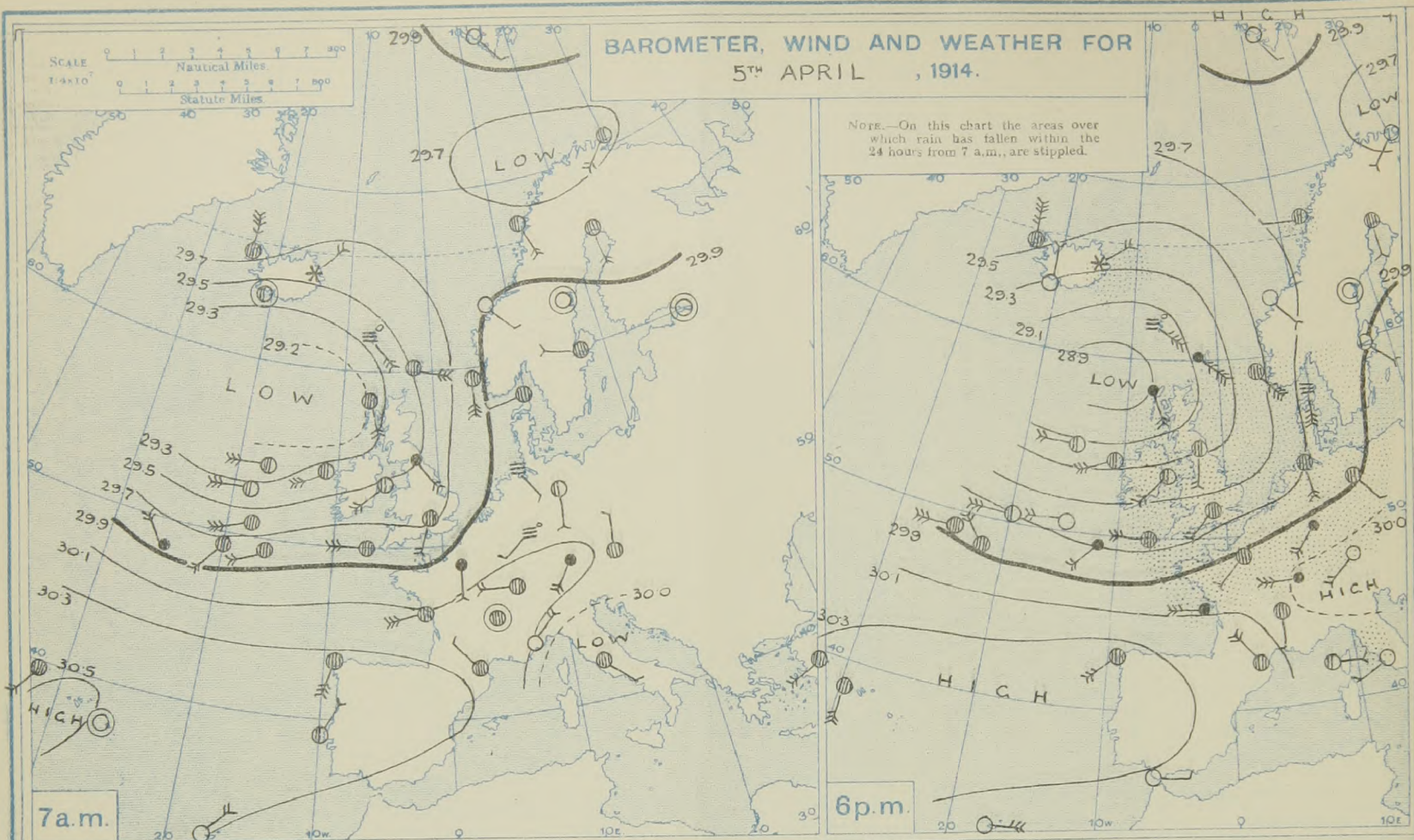


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
6th April 1914.

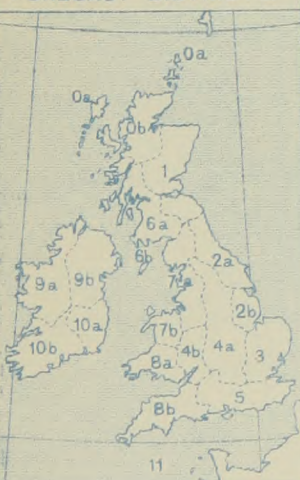
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day. Hours.
	Barom. M.S.L. Lat. 45°	Temp. In. F.	WIND		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
			Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon	Night.				
BRITISH ISLANDS.	Lerwick ...	29.12	44	SE	9	org	28.87	-0.04	44	-1	ESE	3	o	5	0.11	47	42	o.c.cq	org	org.op	*		
	Stornoway ...	28.89	46	SSE	4	op	28.77	-0.03	44	-3	W	3	cp	3	0.36	49	43	adp	o.c.op	o.cp	*		
	Castlebay (Barra Isd.)	28.96	46	WSW	6	r	28.92	0.00	45	-2	W	7	o	6	0.45	47	43	r	r	r.op	0.0		
	Glasgow ...	29.15	46	SW	4	cm	29.06	+0.04	44	0	WSW	6	o	*	0.45	49	41	op	op	cgq	0.4		
	Eskdalemuir ...	29.23	42	SW	5	o	29.15	+0.03	41	-2	WSW	7	org	*	0.82	47	38	or.p.o	or.pq	org	0.1		
	Malin Head...	29.10	48	WSW	5	bc	29.10	+0.02	45	-1	SW	6	c	6	0.36	52	41	cpq	bcq	bcmq	*		
	Blacksod Point	29.26	47	WSW	6	cpq	29.33	0.00	47	-1	WSW	7	cmq	6	0.12	51	43	cmq	cgq	cmq	*		
	Valencia ...	29.50	51	WSW	5	cm	29.63	?	48	-2	WSW	6	cp	6	0.05	53	48	opm	cm	cgq	0.0		
	Roche's Point	29.52	50	W	4	o	29.63	*	47	-1	WNW	3	c	3	0.09	52	45	om	or.o	cp.bc	*		
	Birr Castle ...	29.38	47	W	3	c	29.46	*	44	-3	W	3	c	*	0.14	54	43	cp	cgq	cgq	3.8		
	Donaghadee	29.24	48	WSW	5	bc	29.27	+0.06	44	-3	WNW	4	cg	3	0.12	53	43	cpq	bcq	cgq	*		
	Liverpool Obsy.	29.39	49	WSW	5	o	29.38	+0.05	45	-3	WSW	6	bc	5	0.04	54	44	bc.o	bcq	b.q.p.b	3.4		
	Holyhead ...	29.41	49	SW	4	bc	29.44	+0.04	47	-1	WSW	6	bcq	5	0.13	51	45	c.bc.c	p.c.p.c	op.b.bc	2.1		
	Pembroke (St. Ann's Hd.)	29.53	48	WSW	6	o	29.58	+0.02	47	-1	W	6	bcq	6	0.04	51	45	cgq	cgq	cgq	0.2		
	Newquay ...	29.94	51	SW	4	o	29.72	+0.05	49	-1	W	6	bc	6	0.18	54	47	op.b	o.or	op.cq	0.0		
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	29.65	51	W	5	opm	29.76	+0.05	48	-1	WNW	7	bcq	7	0.09	52	47	om	opm	emq	0.0		
	Jersey (St. Aubin)	29.88	52	SW	5	o	29.81	*	50	-1	WSW	5	c	4	0.07	54	49	og	om	md.or.c	0.3		
	Portland Bill	29.67	50	SW	5	o	29.66	+0.05	49	-1	W	6	c	5	0.09	51	48	c	e.o	od.cr	*		
	Dungeness ...	29.70	50	SW	6	o	29.54	+0.03	48	0	WSW	5	bc	5	0.20	53	46	o	o.c.o	om.bc	*		
	Dover ...	29.67	48	SW	6	o	29.53	*	49	+2	WSW	5	bc	4	0.30	54	45	p.c.b.c	c.o	or.b.c	1.8		
	Wick ...	28.99	46	SSE	2	bc	28.81	-0.02	43	-1	S	3	omrg	3	0.09	46	42	bc.m.c	cp.b.c	cgq.cm	*		
	Nairn ...	28.99	45	WSW	1	c	28.85	*	45	-1	SW	3	cg	3	0.06	52	41	p.cq	bc.c	cgq	2.4		
	Aberdeen ...	29.07	47	SSW	2	o	28.91	-0.02	44	-1	SSW	2	o	2	0.13	50	43	org	o.c	op	0.8		
	Leith ...	29.15	46	SW	4	bc	29.04	+0.03	45	+1	WSW	4	cgq	*	0.24	54	42	or.cq	cgq	bc.cq	*		
	North Shields	29.26	47	SSW	3	c	29.13	-0.01	45	+1	SW	5	c	2	0.10	56	43	-	rg	cr.c	*		
	Spurn Head	29.44	52	W	6	c	29.28	+0.01	45	0	W	6	bcq	5	0.11	57	45	cgq	cgq	cgr	2.9		
	Yarmouth ...	29.55	54	SW	3	c	29.35	+0.03	45	0	W	4	bc	2	0.18	56	43	op	op.c	or.bc	0.9		
	Clacton-on-Sea	29.61	52	SW	5	c	29.44	+0.05	47	+1	WSW	5	c	4	0.13	55	45	or.o	o.c	c.or.c	1.5		
	Nottingham...	29.46	49	SW	5	r	29.41	*	45	-3	W	4	cm	*	0.21	55	42	cp.o	c.or	r.o	1.9		
	Bath ...	29.65	53	W	4	r	29.60	*	48	-2	W	6	o	*	0.39	57	47	og	q.or	r.og	0.0		
London (Kew Obsy.)	29.62	53	SW	3	o	29.52	+0.06	48	-2	W	5	bcq	*	0.19	56	46	or.p.o	o.c.o	omq.bc	1.9			
NORTHERN EUROPE.	Spitzbergen ...	29.98	-15	SSE	1	b	29.99	+0.01	-25	-11	SSE	2	b	*	0.9	-29		GALES.					
	Isafjord...	29.69	24	N	9	o	29.76	+0.02	18	-6	N	7	o	*	*	*	*	Duration and Extreme Force					
	Reykjavik ...	29.35	34	NE	9	bc	29.34	-0.01	32	0	NNE	7	o	*	*	*	*	in British Islands.					
	Vestmanna ...	29.18	41	N	2	b	29.18	+0.01	36	0	-	0	o	1	*	*	*	Lerwick					
	Seydisfjord ...	29.36	32	NE	3	s	29.27	-0.01	32	+3	-	0	s	*	*	*	*	5th 10 a.m. - 10 p.m. ESE 9.					
	Thorshavn ...	29.04	45	SE	5	m	28.93	+0.01	43	-1	ENE	5	m	*	*	*	*	Glasgow					
	Vardö ...	29.67	26	SW	2	b	29.58	-0.01	27	-5	WSW	2	b	2	-	32	26	5th Between Midt 8.7 a.m. SSW 8					
	Bodö ...	29.77	38	W	1	c	29.56	-0.04	34	-5	ENE	6	b	2	0.32	39	32	Southport					
	Christiansund	29.58	39	SE	2	b	29.28	+0.05	44	+9	SE	2	b	4	-	44	34	6th 3 a.m. - 6 a.m. Extreme 8.					
	Skudesnaes ..	29.49	43	SE	8	o	29.11	+0.04	42	+2	NNE	4	o	5	0.51	45	39	Gusts 60 mph.					
	Færder (X'ianla Fjord)	29.77	39	E	2	o	29.36	-0.10	36	-1	ESE	6	r	3	0.12	39	34	Holyhead					
	The Scaw (Skagen)...	29.72	43	S	7	f	29.27	-0.08	41	+1	SE	9	r	4	0.16	46	39	5th Noon. Sq. SSW 4.3 mph.					
	Blaavands Huk ...	29.59	44	SSE	4	r	29.16	-0.08	43	0	SW	2	r	2	0.35	46	43	Scilly					
	Haparanda ...	29.76	27	S	2	o	29.69	-0.01	24	-5	SSE	2	p	*	-	30	23	6th 6 a.m. - 3 a.m. WNW 8.					
	Hernösand ...	29.85	33	-	0	b	29.73	-0.04	27	-2	-	0	o	*	-	43	18	Hexham					
Stockholm ...	29.90	37	SE	2	b	29.72	-0.04	36	-1	SE	2	o	*	-	45	32	6th Between 6 a.m. & 7 a.m.						
CENTRAL EUROPE.	Wisby ...	29.94	40	SW	2	bc	29.72	-0.09	38	0	S	4	bc	*	0.79	41	32	Gusts W 8.					
	Karlstad ...	29.88	37	-	0	c	29.55	-0.06	38	+1	ESE	2	bc	*	0.04	46	36	Gust 57 mph at 4 p.m. 5th.					
	St. Petersburg	29.89	33	-	0	b	29.84	-0.02	24	-3	-	0	b	*	-	*	21	Bath					
	Berlin ...	29.88	52	SE	1	o	29.48	-0.16	47	+5	S	3	o	*	Trace	54	42	6th 10 a.m. W 8.					
	Frankfurt ...	29.93	49	SW	4	r	29.44	-0.17	50	+7	SW	7	o	*	0.25	55	43						
	Munich ...	30.02	45	SSW	3	b	29.73	-0.09	42	+4	SSW	4	o	*	0.24	46	37						
	Vienna ...	29.98	46	W	4	c	29.85	-0.06	42	-3	W	1	c	*	-	54	39						
	Cuxhaven ...	29.69	49	S	4	o	29.18	-0.14	47	+10	S	2	r	0	0.51	54	37						
	The Helder ...	29.60	48	SSW	6	o	29.30	+0.01	47	+2	W	5	c	4	0.63	52	45						
	Brussels ...	29.77	49	SW	2	o	29.50	+0.13	48	+4	WNW	5	c	*	0.39	52	44						
	FRANCE.	C. Gris Nez...	29.71	49	SW	6	c	29.52	+0.06	48	+3	W	7	b	2	0.47	52	45					
		La Hève ...	29.84	48	SW	4	o	29.69	*	46	-3	W	6	o	7	0.04	52	43					
		Ushant...	29.88	50	W	6	f	29.92	*	52	0	WNW	4	c	4	0.04	54	45					
		Brest (St. Mathieu) ...	29.88	52	WSW	5	f	29.92	+0.05	50	-2	W	4	c	4	-	55	48					
		Rochefort (Ile d' Aix)	30.09	53	W	5	r	30.02	?	55	+5	W	6	f	*	0.39	55	50					
Biarritz ...		30.28	55	SW	3	o	30.21	?	59	+4	WSW	4	o	4	-	59	54						
Paris ...		29.90	54	SSW	3	o	29.75	+0.11	51	+6	WNW	6	b	*	0.16	56	45						
Belfort ...		30.06	45	W	6	r	29.77	*	48	+7	WSW	8	r	*	0.08	51	41						
Lyons ...		30.16	46	-	0	r	29.98	*	50	+7	S	1	o	*	0.16	51	43						
Nice ...		29.95	58	SE	1	b	29.92	-0.01	53	0	-	0	b	2	-	68	50						
Perpignan ...		30.19	62	MW	4	o	30.11	0.00	62	+11	NW	3	o	*	-	68	51						
Sanguinaire ...		*	53	W	3	m	*	*	54	-	E	2	bc	*	-	?	48						
SOUTHERN EUROPE.		Corunna (8 a.m.) ...	30.38	61	SW	5	o	30.30	-0.04	57	+2	SSW	3	o	b	-	63	50					





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

No Warnings Issued.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 { a } Wind rather variable, but mainly between West and North-West, strong at times; mostly cloudy or overcast, some rain; moderate temperature.  
b }

1 {  
2 { a } Wind between West and North-West, fresh or strong in many places, then moderating generally; some local showers, otherwise fair; temperature rather low, air dry.  
b }  
3 {  
4 { a }  
b }

6 { a } Wind fresh or strong to moderate, mainly Westerly, backing somewhat later; changeable, mostly fair, some showers and squalls; moderate or rather low temperature.  
b }  
7 { a }  
b }  
8 { a }  
b }  
9 { a }  
b }

10 { a } Wind mainly Westerly, strong or high to moderate; sea rough or rather rough; some local showers, otherwise fair.  
b }

Millibars

105

104

103

102

101

100

99

98

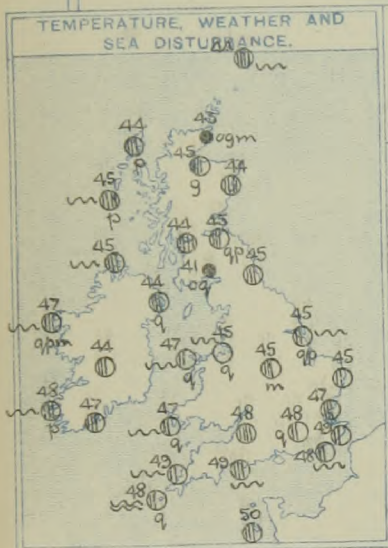
97



# SYNOPTIC CHART FOR 7 a.m., Monday, 6<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

The barometrical changes in progress are not very definite, but they seem to indicate that the depression in the north will either travel in an east-south-easterly direction or remain almost stationary for a time.

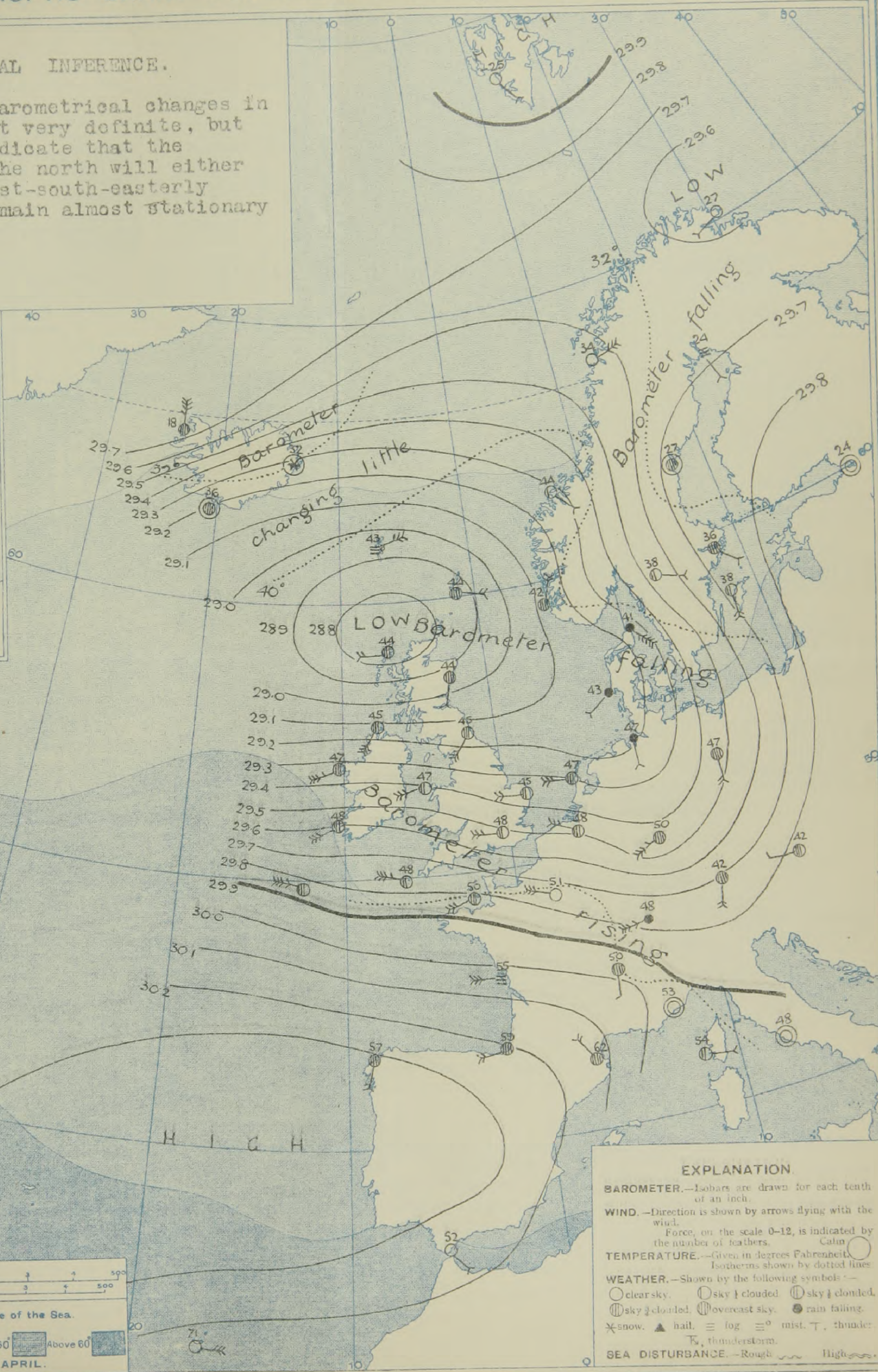
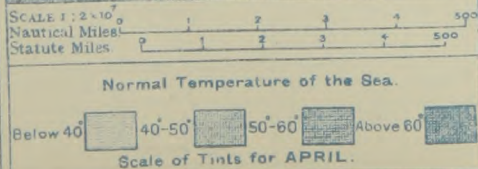


Inches.

31

30

29



## EXPLANATION.

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



## DAILY WEATHER REPORT.

Monday, 6th April, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Home-ward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Home-ward	BAROMETER.		WIND.		WEATHER.
	Lat.	Long.			Reading.	Change in 3 hours.	Dir.	Force.			Lat.	Long.			Reading.	Change in 3 hours.	Dir.	Force.	
6th 7 a.m.	49	11	Menominee.	O	29.91	+0.5	WMW	8-9	c	5th 6 p.m.	49	10	Lapland	H	29.68	-0.5	SW	4-5	r
5th 6 p.m.	49	23	Merion	O	29.75	+0.6	W	6-7	o	"	49	9	Menominee	O	29.65	-0.20	W	8-9	bc
"	48	21	Manitou.	O	29.99	+0.3	NW	4-5	o	" 7 a.m.	48	24	Manitou	H	29.83	-0.2	NW	4-5	r
"	50	19	Osceola.	O	29.72	+0.5	W	6-7	bc	"	49	19	Lusitania	H	29.78	-0.2	SW	4-5	o
"	54	13	California.	H	29.13	-0.3	W	4-5	bc	"	53	17	California.	H	29.25	-0.3	W	6-7	bc
"	50	13	Lusitania.	H	29.66	-0.2	W	4-5	b	"	54	16	Lake Manitoba.	O	29.21	+1.0	W	6-7	c
"	51	12	Empress of Britain.	O	29.58	-0.1	W	6-7	c	"	50	16	Osceola.	O	29.62	0.0	WSW	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.	Oban	In.	F.	F.			Hr.	England, S.E.	Margate	In.	F.	F.			Hr.
	St. Andrews								Ramsgate						
Eng. N.E.	Harrogate	0.33	54	39	p.bcp	c.bcp	3.9	England, S.E.	Folkestone	0.15	52	44	c.b.c	bc.o	1.1
	Scarborough		52	40	o.c	o.c	2.5		Hythe						
	Skegness	0.15	55	49	bc	cp	1.3		Littlestone						2.3
	Douglas	0.55	51	44	cqp	qpb	5.5		Hastings	0.25	53	45	cr.b.c.o	c.o	0.4
Eng. N.W.	Morecambe								Bexhill-on-Sea	0.22	53	46	r.c.o	o	0.4
	Blackpool	0.41	53	42	or.c	o.ep	2.6		Eastbourne	0.25	54	45	bcp	cqp	1.0
	Southport	0.50	55	44	c.o.b.c	ep.c	2.4		Seaford						
Mid. lands.	Buxton	0.22	49	37	bc	bc	1.2		Brighton	0.26	52	47	o.c.o	o	0.3
	Leamington Spa	0.25	55	42	o.c.b.o	or	1.5		Worthing		52	46	c	c	0.2
	Malvern	0.16	54	44	c	c	2.1		Littlehampton	0.12					0.1
Wales.	Rhyl	0.07	54	45	c	c.or.c	1.3	England, S.W.	Southsea	0.21	55	47	o.c.b	o	0.2
	Colwyn Bay	0.18	56	45	bc	bcp	2.2		Ryde	0.15	56	50	o.c	c.o	0.5
	Llandudno	0.16	54	44	o	bc	2.0		Ventnor	0.16	54	45			1.0
	Aberystwyth	0.10	50	45	omq	mqr	0.0		Bournemouth	0.06	54	46	o.c	o	1.1
England, E.	Tenby								Weymouth	0.23	55	47	o.b.c	bc.m	0.5
	Lowestoft	0.09	57	43	or.c	c.o	1.4		Exmouth						
	Felixstowe	0.12	56	44	c.b.c	bc.o	2.1		Teignmouth	0.25	55	48	cq	cqp	0.1
	Walton-on-Naze	0.13	55	45	c.b.c	c.b.c.g	1.9		Torquay	0.44	54	49	o	c.o	0.3
	Southend-on-Sea	0.05	54	43	r.c.b.c	c.b.c	1.5		Paignton						
									Falmouth	0.55	54	48	o	op	0.4
									Bude	0.21	52	48	o	or	0.0
									Ilfracombe	0.49	52	47	o	or	0.0
									Weston-super-Mare	0.20	54	47	c.b.c	b.b.c.or	0.25

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	7 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	% 68	% 65	Hr. 2.1	F. ° 57	F. ° 45	F. ° 38	In. 0.18	c.o	o.or	bc.o
City (Bunhill Row) ...	"	"	1.9	"	"	"	"	"	"	"
Westminster (St. James's Pl.)	72	73	2.1	58	46	41	0.14	bc	or	bc
Camden Sq. (Brit. Rainfall)	~	63	2.6	58	45	39	0.19	-	"	"
Hampstead (Reservoir) ...	"	65	2.1	55	43	38	0.27	c.or	or.c	c
Richmond Park ...	"	"	1.3							
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.)				660 Joules		14.0 Milli-watts.		62.0 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.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	0.09	In. 56	F. ° 48	F. ° 45	org. b	bcq. p	cq. p	Hr. *
Plymouth to 9 p.m.								
Darwen								
Manchester "								
Birmingham "	0.31	53	41	37	r	c. o	cr	1.2
Oxford to 8 p.m.	*	55	43	36	bc. m. o. c. u. c.		o. o. q. r	*
S. Kensington (Museum Grounds to 6 p.m.)	0.13	56	44	34	c. cr. o	o. o. g	op. c. o	*

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

6th & 7th April, 1914.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	5.18	11.56	6.33
	...	5.15	11.55	6.35
Greenwich	...	5.27	12.3	6.39
	...	5.25	12.2	6.40
Wick	...	5.29	12.15	7.1
	...	5.26	12.14	7.3
Valencia	...	6.8	12.44	7.4
	...	6.5	12.43	7.21

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 55° or a little higher in several parts of these islands, and remained above the normal during the night. Showers occurred very generally, and the duration of bright sunshine was slight. Gales were experienced on various parts of our western and north-western coasts and also in Shetland. According to wireless reports the wind was strong to a gale from the Westward between the Irish coast and the 23rd meridian.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

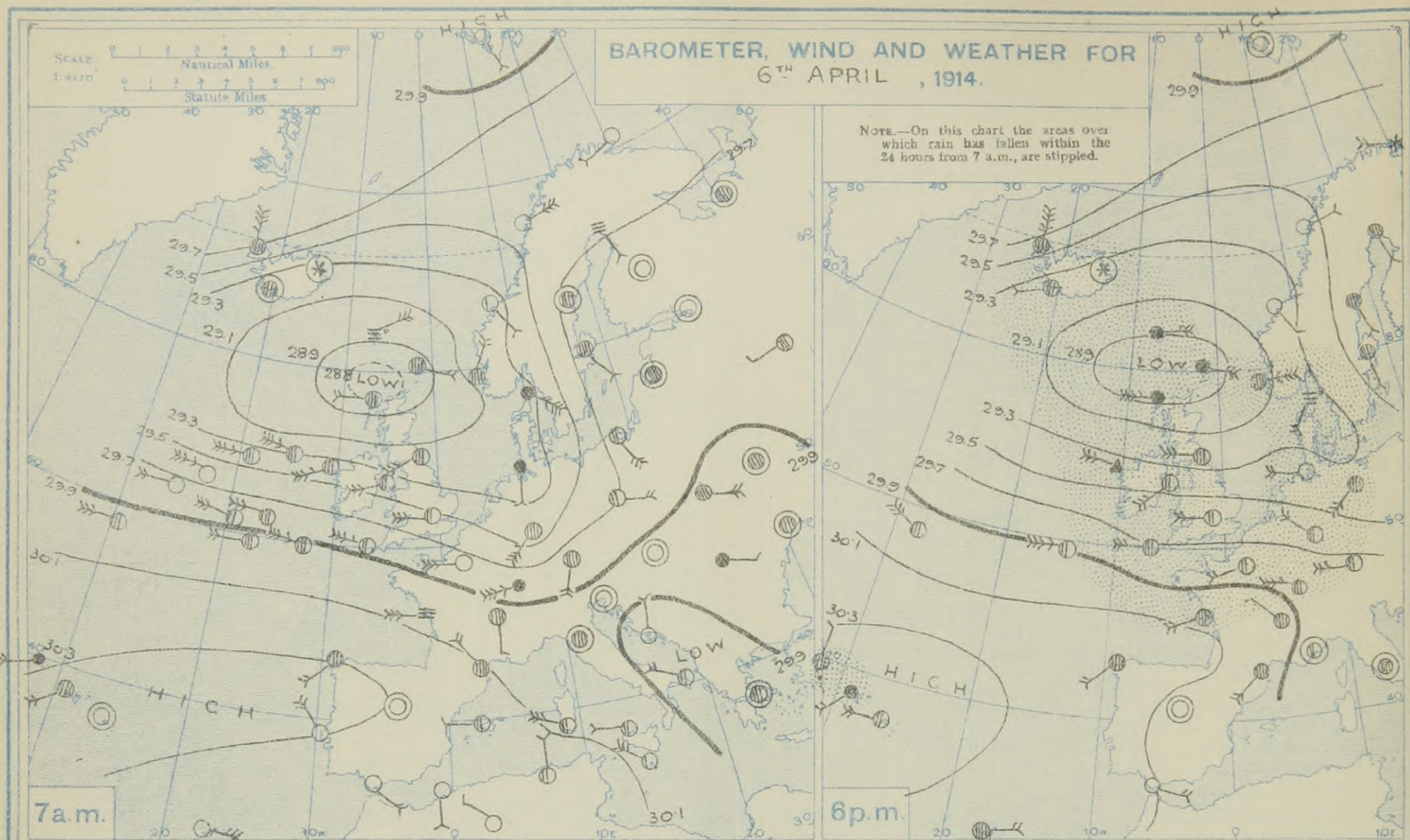


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
1th April, 1914.

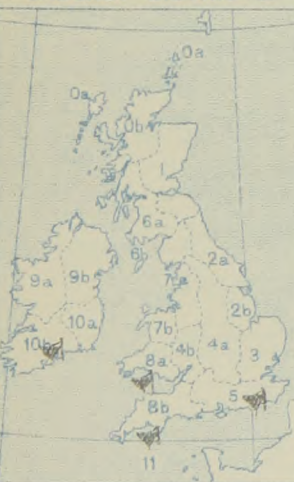
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.								PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°.	Temp.	WIND.		Weather.	M.S.L. Lat. 46°.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	Temp.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon	Night.		
																				Hours.		
BRITISH ISLANDS.	Lerwick ...	28.81	44	ESE	5	otq	28.76	+0.2	43	-1	SSE	3	cp	2	0.42	46	42	cp	ot	omr.cq	...	
	Stornoway ...	28.80	43	W	7	otq	28.85	0.0	43	-1	W	5	cqp	4	0.58	51	40	bcq	bc.otq	or.cqp	...	
	Castlebay (Barra Isd.)	28.67	45	W	6	c	28.98	-0.1	44	-1	W	5	o	5	0.05	46	41	cp	r	r.c	c.chp.o	0.0
	Glasgow ...	29.13	43	WSW	5	c	29.08	-0.2	37	-7	SW	4	dg	4	0.30	48	36	o.cpq	og.c.o	op.ohp	3.2	
	Eskdalemuir ...	29.21	42	WSW	7	otmq	29.14	-0.2	37	-4	SW	5	og	4	0.39	47	35	otq.cq	cq.og	og.og	5.2	
	Malin Head...	29.15	45	WSW	6	bc	29.08	-0.2	41	-4	WSW	5	c	5	0.25	48	37	bcq	bcq	cmq	...	
	Blacksod Point ...	29.36	44	WNW	6	bcq	29.21	-0.2	41	-6	WNW	5	bcq	4	0.27	50	38	cp	bcq	bcq	...	
	Valencia ...	29.56	48	WSW	6	cu	29.37	-0.5	44	-4	W	5	bcq	6	0.17	51	42	cp	cp	cp	7.9	
	Roche's Point ...	29.58	49	W	4	b	29.40	...	42	-5	WSW	3	c	3	0.03	52	41	bcq	bc.b	bcq	...	
	Birr Castle ...	29.47	44	W	4	c	29.30	...	40	-4	SW	3	c	...	0.29	53	38	cp	cp	cp	7.3	
	Donaghadee ...	29.29	49	WNW	6	bcq	29.21	-0.2	39	-5	WNW	4	bc	4	0.05	53	39	bcq	bc.b	bcq	...	
	Liverpool Obsy. ...	29.41	48	WSW	6	b	29.29	-0.2	42	-3	WSW	5	bcq	5	0.13	52	41	bc	bc.h	bcq	5.7	
	Holyhead ...	29.48	48	SW	5	bcm	29.34	-0.1	43	-4	SW	4	c	3	Trace	51	42	bcq	bcq	bc	8.8	
	Pembroke (St. Ann's Hd.)	29.55	47	W	7	bc	29.43	-0.1	46	-1	W	7	cp	6	Trace	49	44	bcq	bcq	bcq.cq	8.8	
	Newquay ...	29.69	49	SW	6	o	29.52	-0.3	46	-3	SSW	6	cp	6	0.04	51	44	bc	c.o	o.cqp	4.2	
	Scilly (St. Mary's) ...	29.70	50	W	5	cm	29.54	-0.2	47	-1	W	6	cqp	6	0.11	53	44	bcq	cm	cp.cqp	5.1	
	Jersey (St. Aubin) ...	29.84	51	WSW	4	c	29.65	...	48	-2	W	5	b	4	0.10	54	45	cp.c	c	c.b	4.7	
	Portland Bill ...	29.67	48	W	5	bc	29.50	+0.1	47	-2	W	7	bc	5	0.12	50	45	bcq	bc	c.bq	...	
	Dungeness ...	29.63	49	WSW	6	c	29.49	+0.1	43	-5	W	5	b	5	0.20	55	41	bc	bc.c	cqr.b	...	
	Dover ...	29.61	47	SW	5	c	29.46	...	44	-5	WSW	5	b	6	0.21	56	40	bc.b	b.b.c	cr.b.c	10.8	
Wick ...	28.82	46	SW	4	c	28.82	+0.2	40	-3	WSW	5	c	5	0.16	54	38	omr.cq	cp	cmq.c	...		
Nairn ...	28.95	43	WSW	7	cqj	28.89	...	40	-5	WSW	4	cu	3	0.02	51	38	bcq	bcq	bcq	1.7		
Aberdeen ...	28.95	47	WSW	4	c	28.95	0.0	40	-4	SW	4	o	2	...	53	39	o	o.cq	c.o	0.7		
Leith ...	29.10	47	WSW	4	c	29.06	0.0	40	-5	W	3	c	4	0.02	50	38	cp	cp	cp	...		
North Shields ...	29.22	48	W	5	c	29.15	-0.2	40	-5	SW	3	c	2	0.22	53	39	bcq	c	cr.c	5.3		
Spurn Head ...	29.36	48	W	5	c	29.27	-0.2	42	-3	W	5	b	5	0.01	51	40	cp	cp	bcq	5.8		
Yarmouth ...	29.47	53	W	5	bcq	29.35	-0.5	43	-2	WSW	3	bc	2	...	56	41	bcq	bcq	bc	9.7		
Clacton-on-Sea ...	29.54	53	WSW	5	b	29.41	0.0	43	-4	WSW	4	bc	4	...	57	42	c.b.c	c.b.c	b.b.c	8.1		
Nottingham...	29.45	49	W	6	b	29.33	...	42	-3	WSW	4	b	...	0.01	54	39	cp.b	bcq	bcq	6.9		
Bath ...	29.64	50	W	6	c	29.47	...	42	-6	W	5	c	...	0.13	55	41	bcq	g.o.c.b	guprh	7.8		
London (Kew Obsy.)...	29.60	51	W	4	bcq	29.46	+0.2	43	-5	SW	3	b	...	0.09	56	41	bcq	bcq	bcq	10.4		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.98	19	...	0	b	29.98	+0.2	14	+11	SSE	2	b	...	...	13	29	GALES. Duration and Extreme Force in British Islands.  Castlebay. 6th 9am-3pm. WNW 8  Glasgow. Squalls 6th 10am-3pm WSW 8.  Eskdalemuir. Squall 6th 1pm SW 8.  Pembroke. 6th Extreme W 8 at 2pm.  Aberdeen. 6th 3pm Squalls WSW 40mph.  Spurn Head. 6th 9am-4pm W 8.  Nottingham. 6th Noon-4pm W 9 at 4pm.  Bath. 6th 2pm W 9.  Hezham. 6th Between 7am & 5pm Gusts W 8. & Gust 58 mph.				
	Isafjord...	29.69	19	M	9	o	29.57	-0.1	13	-5	M	9	s	...	...	...	...					
	Reykjavik ...	29.35	32	NNE	7	o	29.31	+0.1	26	-6	M	8	o	...	...	...	...					
	Vestmanna ...	29.19	40	WSW	2	c	29.20	+0.1	26	-10	M	4	s	2	...	...	...					...
	Seydisfjord ...	29.28	39	...	0	s	29.25	-0.1	31	-1	WNW	3	c	...	...	...	...					
	Thorshavn ...	29.41	44	E	5	r	28.87	-0.1	43	0	W	5	bc	...	...	...	...					
NORTHERN EUROPE.	Vardö ...	29.64	27	WNW	4	s	29.62	0.0	30	+3	ME	2	c	2	...	30	21					
	Bodö ...	29.45	36	EME	2	b	29.39	-0.3	36	+2	EME	4	b	2	...	41	32					
	Christiansund ...	29.17	46	SE	1	o	29.05	-0.1	44	0	SE	2	b	3	...	48	41					
	Skudesnaes ..	29.05	42	E	8	o	29.00	0.0	40	-2	SSE	8	r	6	0.28	43	39					
	Færder (X'ianla Fjord)	29.25	36	ESE	5	r	29.19	0.0	37	+1	SE	4	o	2	0.67	37	34					
	The Scaw (Skagen)...	29.21	42	SSW	3	m	29.19	-0.1	41	0	SSW	1	o	0	0.24	42	39					
	Blaavands Huk ...	29.32	44	W	3	m	29.25	-0.1	43	0	WSW	4	o	3	0.04	46	41					
	Haparanda ...	29.65	27	SSE	2	o	29.61	-0.1	29	+5	SW	2	o	...	Trace	30	24					
	Hernösand ...	29.64	32	SSE	2	o	29.55	-0.1	31	+4	S	2	o	...	...	32	25					
	Stockholm ...	29.57	35	SSE	2	o	29.44	-0.3	37	+1	ESE	4	o	...	...	44	32					
CENTRAL EUROPE.	Wisby ...	29.48	36	SE	6	b	29.29	-0.5	37	-1	SE	4	r	...	...	41	36					
	Karlstad ...	29.39	35	ESE	4	s	29.27	0.0	33	-5	...	0	s	...	0.71	43	30					
	St. Petersburg ...	29.76	31	...	0	c	29.75	-0.1	31	+7	WSW	1	f	...	...	?	23					
	Berlin ...	29.37	46	SW	6	o	29.49	0.0	45	-2	SW	3	c	...	0.20	50	43					
	Frankfurt ...	29.68	53	NW	4	bc	29.59	-0.5	46	-5	SW	3	r	...	0.12	55	45					
	Munich ...	29.77	47	W	5	bc	29.74	-0.4	44	+2	SW	5	r	...	0.24	55	39					
	Vienna ...	29.65	49	W	4	bc	29.73	-0.1	47	+5	W	3	bc	...	0.43	54	42					
	Cuxhaven ...	29.41	49	W	5	o	29.34	-0.1	47	0	W	4	b	1	0.16	44	43					
	The Helder ...	29.46	49	SW	4	c	29.35	-0.5	46	-1	SW	3	o	2	Trace	50	45					
	Brussels ...	29.67	47	SW	6	bc	29.49	-1.1	43	-5	SW	3	r	...	0.08	56	42					
FRANCE.	C. Gris Nez...	29.64	48	WSW	7	c	29.48	0.0	45	-3	WSW	6	b	6	0.24	52	43					
	La Hève ...	29.78	48	WSW	6	o	29.60	...	46	0	W	6	o	6	0.04	52	43					
	Ushant...	29.84	51	WSW	3	o	29.73	...	?	2	WNW	4	c	4	0.08	52	46					
	Brest (St. Mathieu) ...	29.88	50	WSW	4	o	29.75	+0.2	49	-1	W	1	bc	3	0.08	55	48					
	Rochefort (Ile d' Aix)	30.02	53	WSW	4	o	29.85	+0.4	53	-2	WNW	3	c	...	0.08	57	52					
	Biarritz ...	30.16	55	WSW	3	o	29.98	0.0	55	-4	SSW	3	o	4	...	59	52					
	Paris ...	29.83	54	W	3	b	29.63	+0.1	48	-3	WNW	4	o	...	0.20	59	47					
	Belfort ...	29.87	50	W	7	c	29.76	...	42	-6	WSW	2	r	...	0.20	55	41					
	Lyons ...	30.01	55	NW	1	o	29.84	...	52	+1	S	1	o	...	...	62	49					
	Nice ...	29.78	53	...	0	bc	29.78	0.0	53	0	...	0	b	2	...	66	46					
SOUTHERN EUROPE.	Perpignan ...	30.03	65	SW	4	o	29.98	+0.1	54	-8	W	2	o	...	...	73	48					
	Sanguinaire ...	...	55	W	3	m	...	...	57	+3	W	4	m	...	...	59	50					
	Corunna (8 a.m.) ...	30.24	64	SW	3	o	30.06	-0.8	55	-2	SSW	3	o	3	?	64	50					
	Madrid ...	30.05	77	...	0	b	30.02	0.0	56	+1	...	0	b	...	...	77	48					
	Lisbon (9 a.m.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...					
Gibraltar ...	30.11	59	ESE	3	b	29.99	...	52	0	ESE	2	bw	1	...	71	51						
Rome ...	29.87	55	...	0	o	29.84	+0.1	50	+2	...	0	bc	...	...	64	48						
Azores (Horta, 8 a.m.)	30.32	...	SW	3	r	30.28	-0.1	57	-3	WSW	1	o	2	0.08	63	57						
Madeira (Funchal) ...	30.19	64	E	3	o	30.16	+0.2	60	-11	E	3	o	3	...	79	59						





**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**  
IN DISTRICTS 5, 8, 10 & 11  
AT 7 P.M. YESTERDAY.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 } Wind from some Westerly point, light or moderate, fresh or strong at times in places; changeable, some showers, considerable fair intervals; temperature moderately low.

5 } Westerly winds, moderate or fresh, strong to high occasionally on coast; mostly fair, some showers; rather cool.

6 } Same as Nos. 0 to 4.

8 } Same as No. 5.

9 } Same as Nos. 0 to 4.

10 } Same as No. 5.

11 } Westerly winds, fresh or strong, a gale in squalls; changeable, some showers, considerable fair intervals.

Millibars

105

104

103

102

101

100

99

98

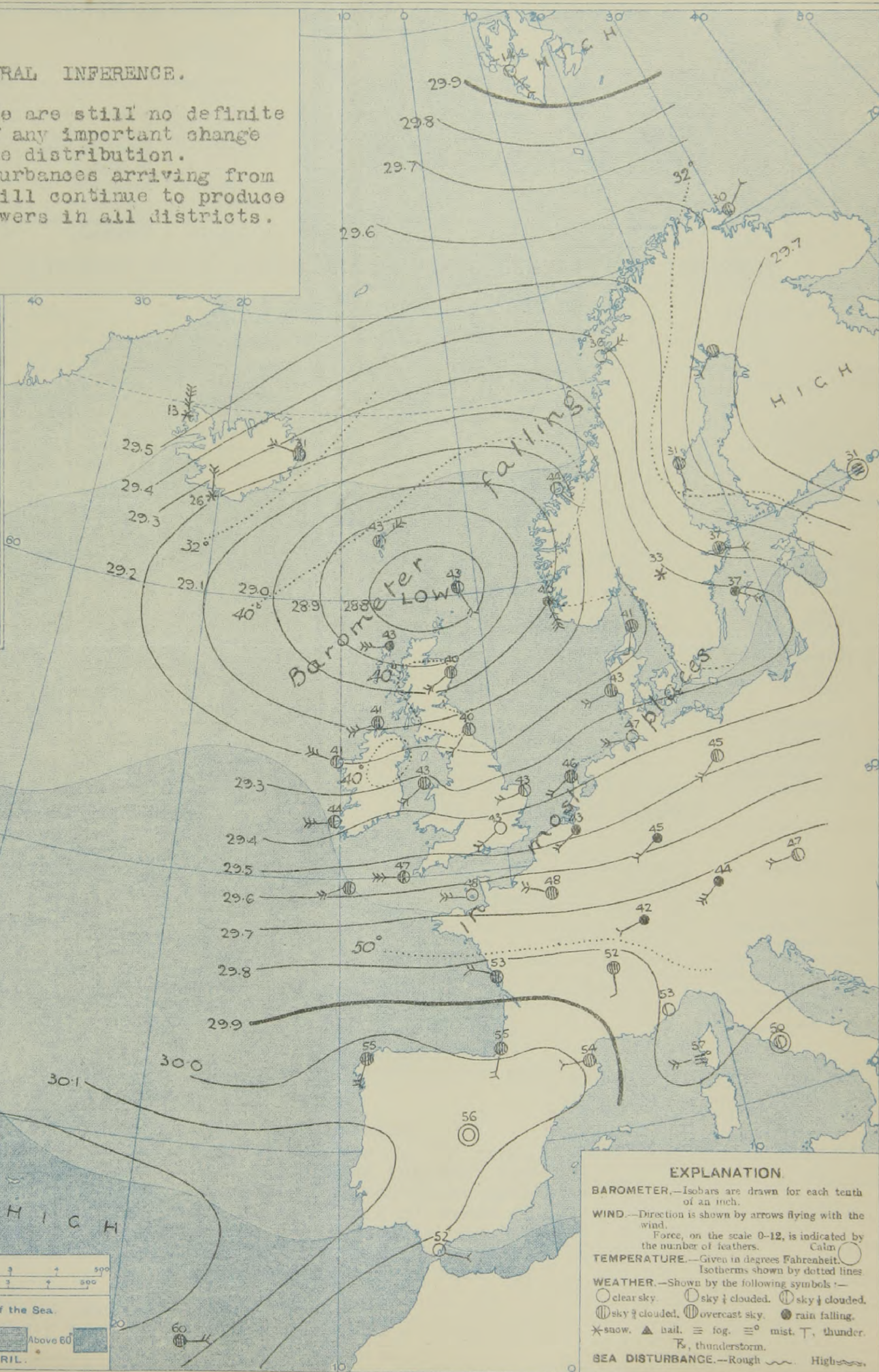
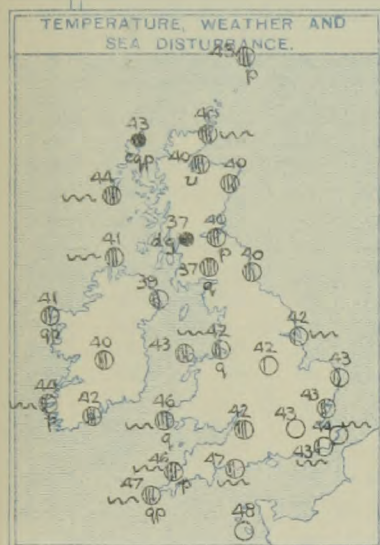
97



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

## GENERAL INFERENCE.

There are still no definite indications of any important change in the pressure distribution. Secondary disturbances arriving from the westward will continue to produce occasional showers in all districts.



## EXPLANATION.

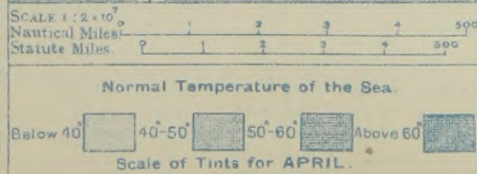
**BAROMETER.**—Isobars are drawn for each tenth of an inch.

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

Tuesday, 7th April, 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 7 a.m.	49	9	Manitow	H	29.60	-.09	WSW	4-5	c	6th 7 a.m.	52	24	Carthaginian	H	29.68	-.07	W	4-5	b
6th 6 p.m.	48	27	Virginian	H	29.97	-.02	WSW	6-7	c	"	53	21	Lake Manitoba	O	29.56	+0.01	WNW	8-9	b
"	49	14	Menominee	O	29.84	-.01	W	8-9	bc	"	50	19	Campania	O	30.05	+0.01	WNW	6-7	bc
"	49	13	Finland	O	29.86	-.02	W	6-7	bc	"	54	18	Columbia	O	29.17	+0.03	W	8-9	c
"	49	13	Manitou	H	29.85	-.04	W	4-5	bc	"	49	17	Manitou	H	30.00	.00	W	4-5	c
" 2 p.m.	55	11	Sardinian	O	29.26	-.01	W	6-7	c	"	50	16	Empress of Britain	O	29.79	+0.01	W	6-7	c
7 a.m.	48	29	Merion	O	29.97	.00	W	6-7	bc	"	54	13	Hesperian	O	29.32	+0.06	WNW	8-9	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban	0.36	50	42	r.or	p	0.0
	St. Andrews	-	51	42	*	*	6.1
Eng. N.E.	Harrogate	0.11	50	40	p.op.bc	p.b.bc	6.3
	Scarborough	-	52	42	c.b	bc	6.3
	Skegness	0.13	55	42	bc	bc	5.8
Eng. N.W.	Douglas	0.02	51	43	cq	bq	9.0
	Morecambe	0.04	48	45	b.bc	bc	5.0
	Blackpool	0.02	51	42	cq	cq	6.1
	Southport	0.12	54	44	bcq.c	cq.bc	6.3
Mid- lands.	Buxton	0.39	49	38	bc	bc	4.0
	Leamington Spa	0.21	55	42	c	c	6.8
	Malvern	0.18	55	48	b	bc	11.0
Wales.	Rhyl	0.08	52	45	c	c.or.c	5.7
	Colwyn Bay	0.11	52	44	bc	bc	8.5
	Llandudno	0.08	51	42	a	bc	3.1
	Aberystwyth	-	50	46	c.c	c.bc	4.8
	Tenby	0.08	52	49	b	bc	8.2
England, E.	Lowestoft	0.20	56	45	c	c.op.bc	9.8
	Felixstowe	0.12	57	48	bc	bc	8.7
	Walton-on-Naze	0.16	56	45	bc	bc	7.7
	Southend-on-Sea	0.07	52	45	b.bc	bc	6.0
England, S.E.	Margate	0.27	57	46	b	b	9.0
	Ramsgate	0.22	57	44	bc	b	9.7
	Folkestone	0.29	56	45	bc	bc	8.6
	Hythe	0.32	58	44	b	b	8.7
	Littlestone	-	-	-	-	-	9.6
	Hastings	0.23	54	45	or.bc	bc	3.6
	Bexhill-on-Sea	0.22	53	46	b	b	10.7
	Eastbourne	0.39	53	46	c.bc	c.bc	3.4
	Seaford	0.31	52	41	c.bc	bc	9.1
	Brighton	0.30	53	47	c.c	p.c.c	7.3
	Worthing	0.01	54	45	c	bc	8.6
	Littlehampton	0.20	-	-	-	-	7.6
	Southsea	0.31	55	47	bc	bc	6.8
	Ryde	0.06	54	45	pq.bc	bc	6.8
	Ventnor	0.17	53	45	-	-	8.8
	Bournemouth	0.20	56	45	d.c.c	c	5.9
England, S.W.	Weymouth	0.11	55	48	q.bc	bc	5.8
	Exmouth	-	-	-	-	-	-
	Teignmouth	0.08	56	47	cq.bc	q.bc	4.7
	Torquay	0.12	54	47	c	c	4.8
	Paignton	0.17	55	48	c.bc	bc	4.5
	Falmouth	0.29	53	47	cq.b	cq.bc	6.3
	Bude	0.21	52	47	c.bc	bc	4.9
	Ilfracombe	0.25	52	47	c.bc	bc	5.2
	Weston-super-Mare	0.47	52	46	bc	b.bc	7.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	51	65	10.3	58	40	35	0.12	b.bc	b
City (Runhill Row)	-	-	9.5	-	-	-	-	-	-
Westminster (St. James's Pk.)	50	73	10.2	58	41	38	0.09	bc	bc
Camden Sq. (Brit. Rainfall)	52	68	9.3	59	40	36	0.06	bc	bc
Hampstead (Reservoir)	-	71	10.0	58	39	36	0.02	bc	bc
Richmond Park	-	-	-	-	-	-	-	-	-
Kew. (See front page.)	-	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
				Total.	Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				58	76		9.9		
				1602 Joules	33.7 Milli-watts.		69.5 Milli-watts.		

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

DATE.	Sunrise.	Noon.	Sunset.
7th April, 1914.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.15	11.55	6.35
	5.12	11.58	6.37
Greenwich	5.25	12.2	6.40
	5.23	12.2	6.41
Wick	5.26	12.44	7.3
	5.23	12.14	7.3
Valencia	6.5	12.43	7.21
	6.2	12.43	7.23

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 50° very generally, and above 55° in several parts of England. Much bright sunshine was recorded in England and Ireland, more than 10 hours at some south-eastern stations. Rain fell some time during the 24 hours in almost all places, the heaviest measurement being 0.6 in. at Stornoway. According to wireless reports strong winds and gales from the Westward prevailed on the Atlantic as far west as the 29th 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. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.

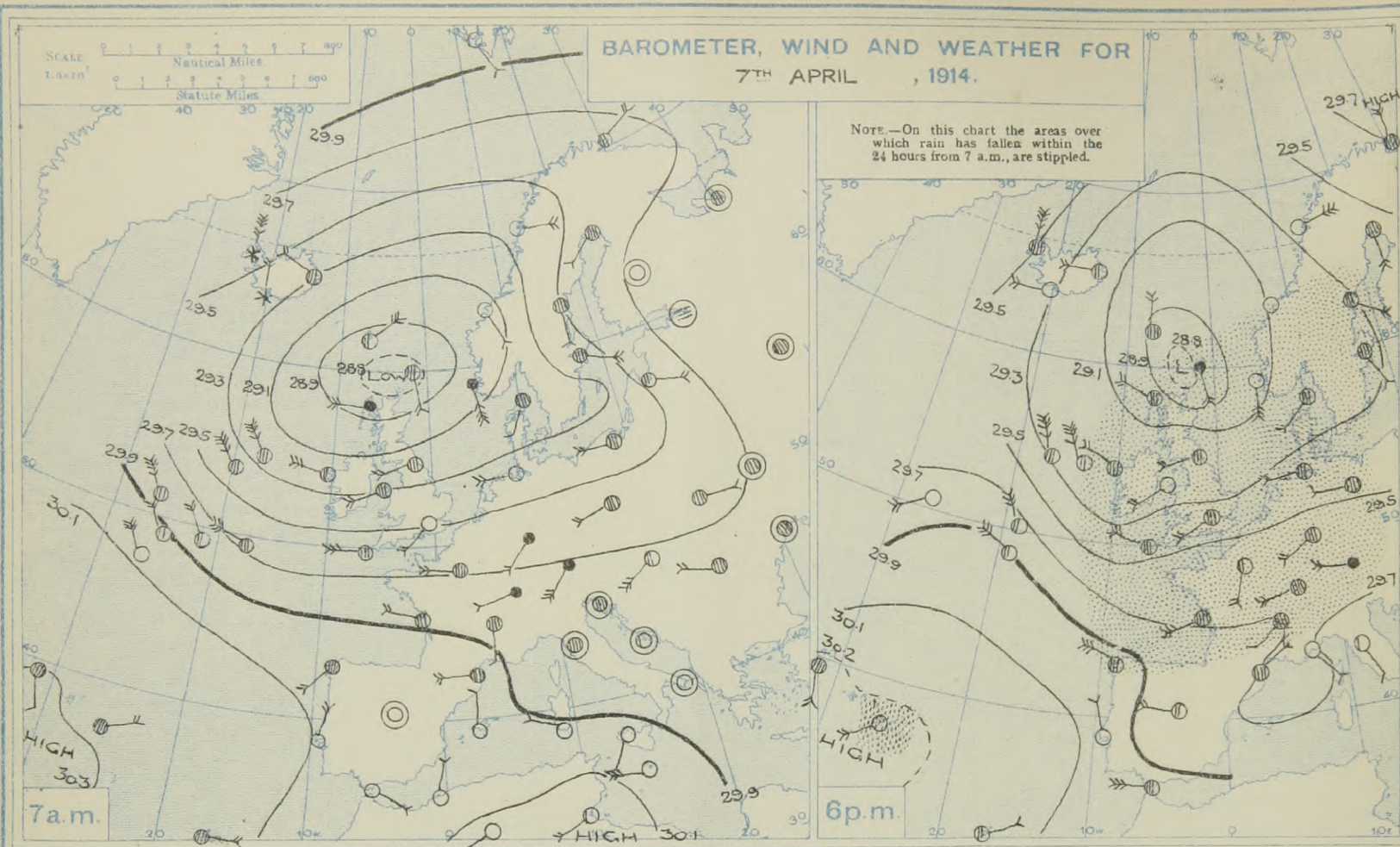


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
8th April, 1914.

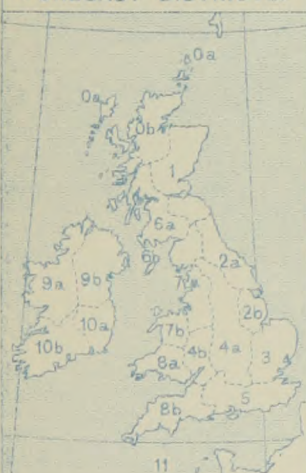
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	Temp.		WEATHER.				
			Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	28.81	44	SSE	3	od	28.88	+0.04	44	+1	WSW	3	c	2	0.05	47	42	cp	cp	cp	Hours
	Stornoway ...	29.00	45	NW	4	cpq	29.16	+0.05	42	-1	NW	3	op	2	0.16	50	39	cpq	cpq	b.bcp	•
	Castletown (Barra Isd.)	29.05	45	WNW	3	c	29.26	+0.07	43	-1	WNW	5	o	5	0.10	48	42	o.c	c.op.c	op.b.c.o	0.8
	Glasgow ...	29.10	42	WSW	3	bc	29.24	+0.05	42	+5	WSW	2	bc	•	0.20	45	35	c.othp	othsp	c.op.c	1.7
	Eskdalemuir ...	29.14	40	SW	4	c	29.27	+0.04	41	+4	SW	3	o	•	Trace	46	34	eq.ohp	c	c.o	5.6
	Malin Head ...	29.12	47	W	4	bc	29.28	+0.08	44	+3	NW	6	c	6	0.08	47	40	bcqph	bcqph	cmqp	•
	Blacksod Point ...	29.23	47	WNW	3	bcp	29.49	+0.06	42	+1	W	5	cmp	4	0.20	48	40	bcqhp	bcp	cmp	•
	Valencia ...	29.22	48	NW	5	cv	29.62	+0.05	45	+1	WNW	4	cv	5	0.19	48	42	cph	cph	o.c	4.5
	Roche's Point ...	29.29	46	W	3	c	29.59	•	44	+2	NW	3	c	3	0.05	49	41	bcpq	cpq	bc.c	•
	Birr Castle ...	29.28	46	W	1	c	29.51	•	42	+2	W	1	c	•	0.07	50	38	cp	cp	c	8.6
	Donaghadee ...	29.19	48	W	3	bc	29.35	+0.06	43	+4	W	2	bcp	2	0.02	51	38	cp	bc	bcpbc	•
	Liverpool Obsy. ...	29.26	45	SW	4	b	29.36	+0.04	43	+1	WSW	3	op	3	Trace	50	40	bq	b	bcq	9.8
	Holyhead ...	29.27	45	SW	3	b	29.41	+0.06	45	+2	WSW	5	eqp	4	0.04	51	42	bc.c	cp.op.c	bcp.o.c	8.4
	Pembroke (St. Ann's Hd.)	29.33	46	W	6	c	29.50	+0.03	45	-1	WNW	6	eqp	6	0.13	47	41	cpq	cpq	cpq	5.6
	Newquay ...	29.39	46	W	6	c	29.55	+0.07	46	0	W	7	eqp	6	0.12	48	42	c.op	bc	cpq	4.2
	Scilly (St. Mary's) ...	29.43	46	WNW	6	eqp	29.61	+0.06	47	0	NW	7	cpq	6	0.35	50	41	cpq	cpq	cpq	4.9
	Jersey (St. Aubin) ...	29.51	45	SW	4	o	29.55	•	47	-1	NW	3	c	3	0.10	55	43	bc.c	c.op.o	bcp.o.c	7.0
	Portland Bill ...	29.38	45	WSW	5	bc	29.52	+0.05	45	-2	NW	3	b	4	0.05	49	42	bc.c	cpq	bc	•
	Dungeness ...	29.44	47	WSW	5	c	29.47	+0.02	45	+2	W	3	b	3	0.02	52	43	bcq	h.cq	q.c.bc	•
	Dover ...	29.38	44	SW	5	opq	29.48	•	46	+2	W	1	b	2	0.05	52	37	bc	bc.oth	op.r.b	8.2
ICELAND, FAEROE, &c.	Wick ...	28.89	46	SW	4	bc	29.06	+0.06	40	0	SW	4	c	3	0.03	42	38	cpq	cp.bcp	cmqp	•
	Nairn ...	28.97	44	W	4	cg	29.15	•	42	+2	WSW	2	d	3	Trace	50	38	bc	q.b.c	b.cu	2.1
	Aberdeen ...	28.96	48	WSW	4	o	29.16	+0.05	42	+2	SW	2	b	2	0.05	52	37	o.c	bc.o	o.c.b	2.2
	Leith ...	29.07	45	WSW	3	c	29.20	+0.05	44	+4	SW	3	bc	•	0.06	48	36	cpq	cp	c	6.0
	North Shields ...	29.15	46	WSW	3	c	29.24	+0.04	42	+2	WSW	3	c	2	0.01	50	40	bc	bc	c.o.c	6.0
	Spurn Head ...	29.27	43	WSW	4	e	29.33	+0.03	40	-2	WSW	4	b	3	0.29	51	38	cg	ethr	b	6.1
	Yarmouth ...	29.32	46	WSW	2	c	29.40	+0.03	37	-6	WSW	2	bc	1	•	53	35	bcq	c	bc	7.2
	Clacton-on-Sea ...	29.36	46	SW	6	c	29.44	+0.05	40	-3	WSW	3	b	2	0.05	53	37	bc.c	cp	cp.b.c.b	5.8
	Nottingham ...	29.27	44	SW	4	c	29.40	•	38	-4	W	2	bmc	•	0.01	52	35	b.b.c	bcp.c	c.b.c	8.2
	Bath ...	29.35	48	W	5	b	29.50	•	39	-3	W	1	m	•	0.20	49	34	gu.st	gr.o.bc	b.b.c.bm	3.3
London (Kew Obsy.) ...	29.36	46	SW	3	c	29.48	+0.06	39	-4	SW	1	bm	•	0.13	51	36	b.b.c.o	o.c	c.o.b.c.b	4.9	
NORTHERN EUROPE.	Spitzbergen ...	29.51	12	N	8	o	29.47	-0.01	15	+2	M	3	c	•	•	•	•	GALES. Duration and Extreme Force in British Islands. Scilly 7th 5pm Squall WNW 8 7th 10pm - 8th 2am NW 8 8th Gust 53 mph at 12 m. Dover 7th Between 7am & 6pm Gust 50 mph.			
	Isafjord ...	29.37	23	NE	9	c	29.41	+0.02	16	-10	M	8	o	•	•	•	•				
	Reykjavik ...	29.23	27	N	8	b	29.24	+0.01	16	-10	MMW	8	b	2	•	•	•				
	Vestmanna ...	29.19	32	W	4	bc	29.14	•	21	-10	SSW	4	b	•	•	•	•				
	Seydisfjord ...	29.88	44	N	4	o	28.97	+0.04	42	-1	MMW	4	bc	•	•	•	•				
	Thorsbavn ...	29.70	23	M	4	o	29.85	+0.04	21	-9	ME	4	c	3	•	30	19				
	Vardö ...	29.37	37	EME	6	b	29.44	+0.03	37	+1	E	6	b	2	•	41	34				
	Bodö ...	29.10	45	•	0	b	29.13	+0.02	44	0	SE	1	b	3	•	52	43				
	Christiansund ...	29.08	41	S	6	b	29.07	•	39	-1	SSE	6	r	4	0.20	45	37				
	Skudesnaes ...	29.18	38	SE	1	r	29.26	+0.03	39	+2	S	1	o	3	0.24	39	36				
CENTRAL EUROPE.	Færder (X'ania Fjord)	29.21	42	WSW	2	o	29.27	+0.03	41	0	SSW	2	c	0	0.55	43	37				
	The Scaw (Skagen) ...	29.29	40	SW	2	m	29.30	+0.02	43	0	SW	2	bc	2	0.04	45	41				
	Blaavands Huk ...	29.46	30	S	2	o	29.72	+0.01	31	+2	NNE	2	c	•	•	32	27				
	Haparanda ...	29.30	34	SE	4	c	29.46	-0.01	32	+1	NE	4	s	•	Trace	36	30				
	Hernösand ...	29.27	37	ESE	4	r	29.38	+0.08	37	0	S	2	o	•	0.20	37	34				
	Stockholm ...	29.22	38	SSE	2	o	29.43	+0.06	39	+2	SW	2	bc	•	0.04	41	34				
	Wisby ...	29.23	35	ESE	2	r	29.33	+0.04	36	+3	•	0	o	•	0.32	37	32				
	Karlstad ...	29.71	42	ESE	2	b	29.70	•	31	0	ESE	2	b	•	•	•	28				
	St. Petersburg ...	29.41	41	W	2	o	29.50	•	39	-6	S	2	o	•	0.16	52	36				
	Berlin ...	29.56	50	SW	3	c	29.52	+0.06	42	-3	SW	4	m	•	0.28	55	42				
FRANCE.	Frankfurt ...	29.67	44	W	4	r	29.63	+0.01	40	-4	W	5	o	•	0.87	54	39				
	Munich ...	29.62	52	W	3	c	29.60	-0.01	47	0	SSE	2	o	•	0.04	37	34				
	Vienna ...	29.39	44	W	3	b	29.34	•	40	-7	S	2	r	0	0.47	47	37				
	Cuxhaven ...	29.38	47	SSW	6	c	29.38	+0.04	45	-1	WSW	3	bc	3	0.16	50	41				
	The Helder ...	29.44	42	•	0	r	29.50	+0.08	42	-1	SW	4	b	•	0.16	54	38				
	Brussels ...	29.41	48	SW	6	o	29.49	+0.05	47	+2	W	5	bc	4	0.04	52	43				
	C. Gris Nez ...	29.47	46	WSW	5	r	29.52	•	44	-2	SW	4	o	4	0.04	54	41				
	La Hève ...	•	48	NW	6	bc	29.65	•	50	•	NW	5	c	7	0.28	56	45				
	Ushant ...	29.58	47	WNW	5	c	29.67	+0.10	47	-2	NW	6	r	5	0.16	54	45				
	Brest (St. Mathieu) ...	29.69	51	WSW	5	o	29.77	+0.02	52	-1	W	6	o	•	0.08	55	48				
SOUTHERN EUROPE.	Rochefort (Ile d' Aix)	29.82	55	WNW	4	r	29.92	-0.01	50	-5	W	5	c	4	0.43	63	45				
	Biarritz ...	29.53	52	SSW	3	o	29.62	+0.04	42	-6	SSW	2	o	•	Trace	37	39				
	Paris ...	29.67	49	WSW	4	o	29.75	•	37	-5	W	6	o	•	0.43	52	36				
	Belfort ...	29.70	58	SW	1	o	29.80	•	46	-6	•	0	bc	•	0.04	65	42				
	Lyons ...	29.70	55	SE	2	b	29.84	-0.05	55	+2	SE	2	c	3	•	68	48				
	Nice ...	29.76	59	ME	2	o	29.80	+0.05	50	-4	NW	4	b	•	•	68	49				
	Perpignan ...	•	57	E	3	m	•	•	59	+2	E	3	o	3	•	59	48				
	Sanguinaire ...	29.97	55	WNW	6	c	30.08	+0.04	50	-5	WNW	3	c	5	0.08	57	46				
	Corunna (8 a.m.) ...	29.75	73	W	3	bc	30.01	+0.10	46	-10	•	0	•	•	•	75	41				
	Madrid ...	30.08	55	MMW	3	o	30.15	+0.05	53	-2	MMW	4	b	5	•	63	50				
Lisbon (9 a.m.) ...	29.95	63	MMW	6	c	30.02	•	56	+4	MMW	4	bc	2	•	76	52					
Gibraltar ...	29.83	57	SE	1	b	29.73	-0.02	57	+7	SE	2	bc	•	•	66	50					
Rome ...	30.20	•	S	4	r	30.04	-0.01	61	+4	SW	4	r	2	0.16	61	57					
Azores (Horta, 8 a.m.)	30.16	62	ME	3	bc	30.12	+0.02	59	-1	ME	3	c	3	•	66	57					
Madeira (Funchal) ...						</															





**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.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Wind light or moderate, between North-West and South-West; changeable, some rain; temperature rather low.

Wind mainly Westerly, light or moderate; fair generally, but some local showers; temperature rather low, frost on grass locally to-night.

Wind North-Westerly or Westerly, strong or fresh to moderate, backing later; changeable, some showers, considerable fair intervals; moderate or rather low temperature.

North-Westerly to Westerly or South-Westerly winds, strong to moderate; sea rather rough; changeable, some showers, fair intervals.

Millibars

105

104

103

102

101

100

99

98

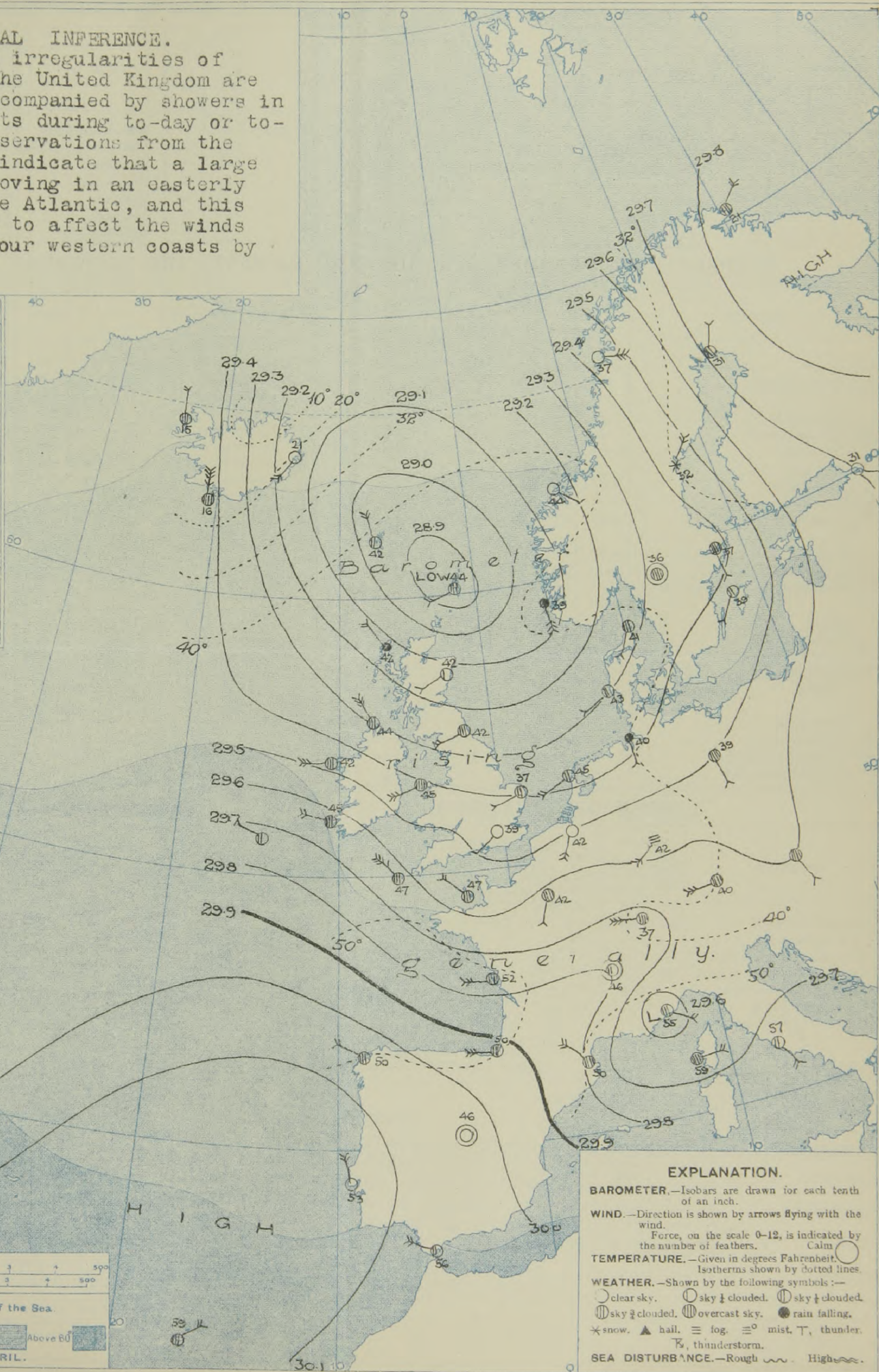
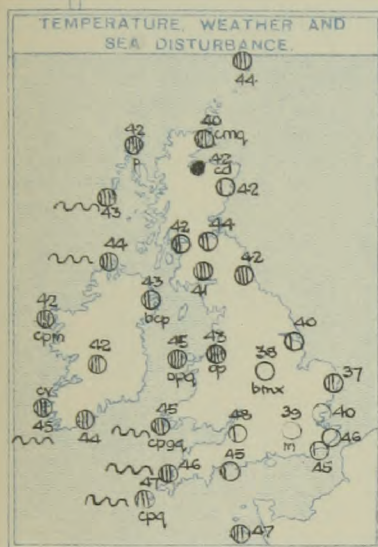
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# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 8<sup>TH</sup> APRIL, 1914.

## GENERAL INFERENCE.

Local irregularities of pressure over the United Kingdom are likely to be accompanied by showers in various districts during to-day or to-night. The observations from the Azores seem to indicate that a large depression is moving in an easterly direction on the Atlantic, and this may be expected to affect the winds and weather on our western coasts by to-morrow.



## 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.

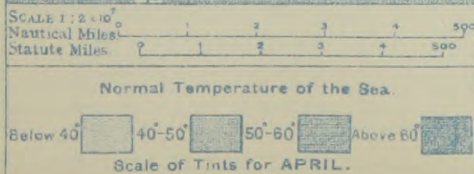
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

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

○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded. ○ overcast sky. ● rain falling.

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

**SEA DISTURBANCE.**—Rough. High.





## DAILY WEATHER REPORT.

Wednesday 8th April, 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.	
8th 7 a.m.	51	12	Virginian	H	29.76	+0.2	WNW	(0-12)	bc	7th 7 a.m.	51	26	Lake Manitoba	O	29.73	+0.1	WNW	(0-12)	bc
7th 6 p.m.	50	28	Lake Manitoba	O	29.78	-0.1	SW	4-5	b	"	"	25	Empress of Britain	O	29.97	+0.9	NW	4-5	bc
"	48	19	Menominee	O	29.90	+0.2	WNW	6-7	bc	"	"	49	Virginian	H	29.87	+0.1	NW	6-7	bc
"	50	18	Virginian	H	29.81	-0.1	NW	8-9	bc	"	"	53	Hesperian	O	29.37	-0.2	NW	8-9	bc
"	54	16	Scotian	H	29.29	0.0	NW	8-9	c	"	"	53	Scotian	H	29.37	0.0	NW	8-9	c
"	54	13	Carthaginian	H	29.21	0.0	NW	8-9	bc	"	"	49	Finland	O	29.80	+0.4	WNW	6-7	c
7 a.m.	48	28	Campania	O	30.09	-0.1	NW	6-7	c	"	"	54	Carthaginian	H	29.18	-0.7	NW	8-9	c
"	48	27	Ascalia	O	30.00	+0.5	NW	6-7	b	"	"	49	Menominee	O	29.70	-0.1	WNW	8-9	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban	0.04	47	39	p.c.p	b.c.c	2.5	England, S.E.	Margate	0.32	54	41	b.c	or	6.3
	St. Andrews	-	48	38	*	*	3.7		Ramsgate	0.29	54	40	b	o	7.0
Eng., N.E.	Harrogate	0.23	47	37	b.c.p.b.c	b.c.b.p.b	7.1	England, S.E.	Folkestone	0.19	53	41	c.b.c	b.c.or	7.6
	Scarborough	-	51	39	b.c	b.c	10.0		Hythe	0.21	55	39	b	c.oph	7.4
Eng., N.W.	Skegness	0.01	51	46	b	b.c	7.5	England, S.E.	Littlestone	-	*	*	or.b	b.b.c.o	7.8
	Douglas	-	51	40	b.c.g	b.c.g	10.0		Hastings	0.16	53	40	b	b	8.1
Eng., N.W.	Morecambe	0.07	48	43	b.c.b	b.c.g	10.0	England, S.E.	Bexhill-on-Sea	0.12	51	41	b	b	8.1
	Blackpool	0.01	50	42	c.b.c	c	7.9		Eastbourne	0.18	52	42	b	b.c.egr	7.5
Mid- lands.	Southport	0.10	51	41	c.b.c.b	b.c.p.b.c	7.7	England, S.W.	Seaford	0.14	51	41	c	o	6.5
	Buxton	0.33	47	37	b.c.r	b.c.r	5.0		Brighton	0.24	52	43	c.h.c	c.r.op	6.6
Wales.	Leamington Spa	0.10	51	39	c	p	4.0	England, S.W.	Worthing	0.18	53	42	b.c.g	c.g	6.6
	Malvern	0.21	49	41	b.b.c.c.o	tlph.c	4.9		Littlehampton	0.28	*	*	b.c.p	h.b.c	5.6
England, E.	Rhyl	0.01	51	41	b.c.c	b.c.p.b.c	7.9	England, S.W.	Southsea	0.39	53	43	b.c.p	h.b.c	5.6
	Colwyn Bay	0.03	50	42	b.c.b	b.p.b.c	7.0		Ryde	0.13	52	45	b.c.p	b.c.ph	6.0
England, E.	Llandudno	-	49	40	b	b	7.9	England, S.W.	Ventnor	0.36	53	41	*	*	6.0
	Aberystwyth	-	49	44	o.c.b	b.c.c	5.5		Bournemouth	0.30	50	40	b.c.r	o.c	4.2
England, E.	Tenby	0.08	49	42	p	b.c	5.7	England, S.W.	Weymouth	0.15	52	43	b.c.p	b.c	4.3
	Lowestoft	-	53	41	b.c.c	c.u.p	7.6		Exmouth	0.30	56	42	b.c.p	p	4.0
England, E.	Felixstowe	-	54	42	b.c.p.g	b.c.o.g	6.0	England, S.W.	Teignmouth	0.24	50	41	g.ph.r	b.c.g	3.3
	Walton-on-Naze	-	52	42	b.c.c.o	o.c.egr	5.8		Torquay	0.15	49	43	c	p.c.b.c	4.7
England, E.	Southend-on-Sea	0.08	52	43	b	b.c.p	5.5	England, S.W.	Paignton	0.22	51	42	b.c.ph	b.c.p	4.2
									Falmouth	0.29	49	42	c.ph.r	ct	4.8
								Bude	0.33	49	42	b.c.ph.r	b.c.ph.r	4.3	
								Ilfracombe	0.15	48	42	o.c.p.c	c.b.c	4.1	
								Weston-super-Mare	0.40	49	42	b.r	b.c	3.3	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.	Min. on Grass.		24 Hours ended 9 a.m. To-day.		
Greenwich (Royal Obsy.)	81	76	5.6	52	36	28	0.33	bc	bcp	bc
City (Bunhill Row)	81	76	4.3	52	36	31	0.11	r	r.d	b
Westminster (St. James's Pk.)	83	75	4.7	52	36	31	0.11	r	r.d	b
Camden Sq. (Brit. Rainfall)	85	75	4.0	52	25	30	0.08	bc.c	od.or	b
Hampstead (Reservoir)	85	78	4.7	49	34	27	0.06	bc.or	bex	b
Richmond Park	85	78	4.7	49	34	27	0.06	bc.or	bex	b
Kew. (See front page.)	85	78	4.7	49	34	27	0.06	bc.or	bex	b
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)				Total.		Average Rate.		Max. Rate.		
				469		Joules		68.0 Milli-watts.		

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.			WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	Night.	
		Max.	Min.	Night.	Forenoon.	Afternoon.	Night.	
Dublin to 4 p.m.	In.	50	39	37	qph.bc	qeph	qph.b	
Plymouth to 9 p.m.	0.19	49	42	33	bcp	bcg	bcg	4.5
Darwen	0.40	46	35	33	qph.r	cup.b	bcp	6.1
Manchester	0.03	48	38	34	c	r.c		7.1
Birmingham	0.03	48	38	34	c	r.c		7.1
Oxford to 8 p.m.								
S. Kensington (Museum Grounds to 6 p.m.)	0.20	52	41	34	bcg.or	op.or	o.or.o	

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

8th & 9th April, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.12	11.55	6.37
	5.10	11.55	6.39
Greenwich	5.23	12.2	6.44
	5.21	12.2	6.43
Wick	5.23	12.14	7.5
	5.20	12.14	7.7
Valencia	6.2	12.43	7.23
	6.0	12.43	7.25

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° at many places in these islands, but rose to about 55° at some of the south-western stations. Rain has fallen very generally, and thunder storms have occurred at Malvern and Spurn Head. The duration of bright sunshine was considerable over the Kingdom generally, about 10 hours in the north-west and north-east of England. Wireless reports show that North-Westerly winds, strong to a gale, prevailed on the Atlantic between the Irish coast and the 28th meridian. Further west the wind was South-Westerly.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-baze, 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

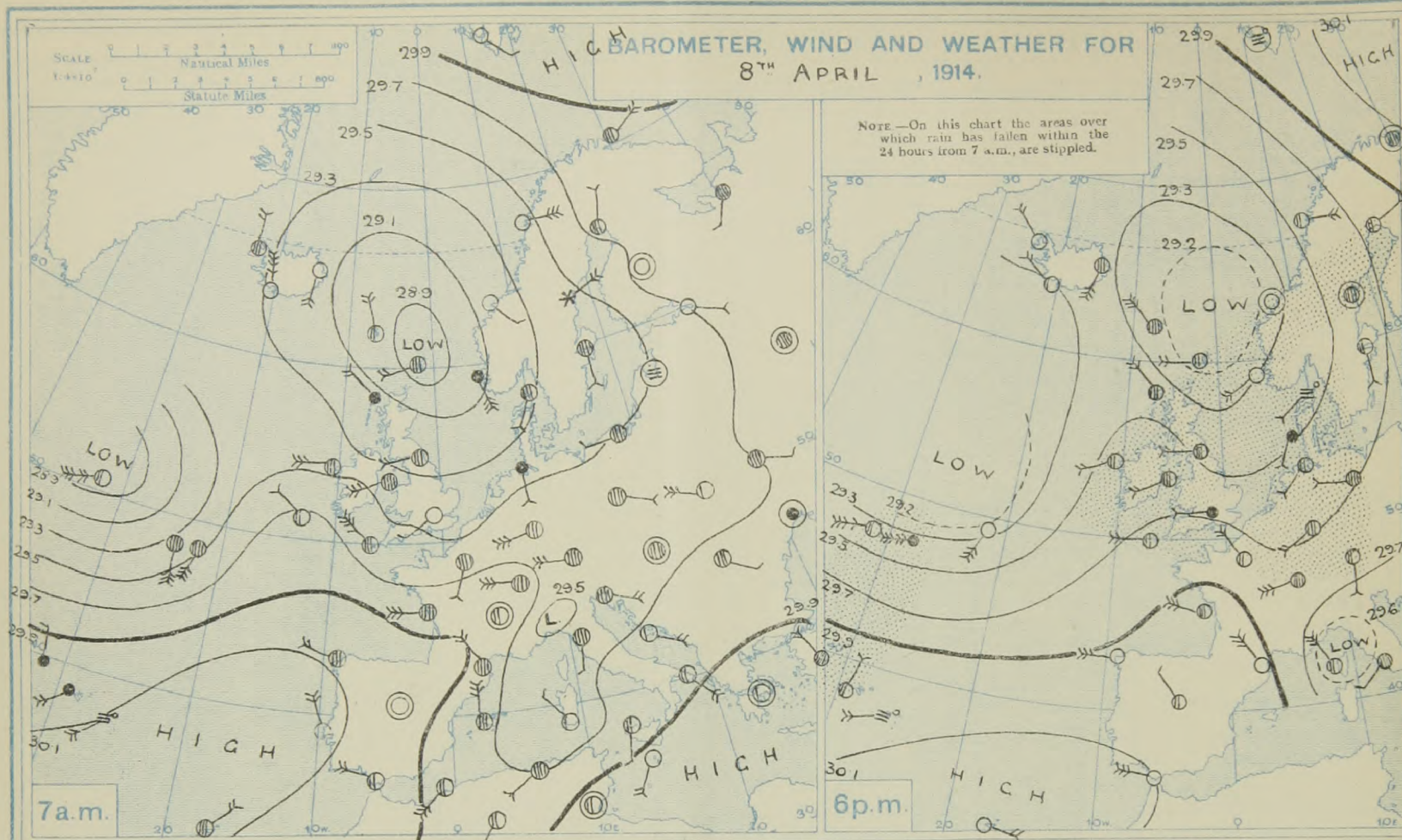


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
9th April, 1914.

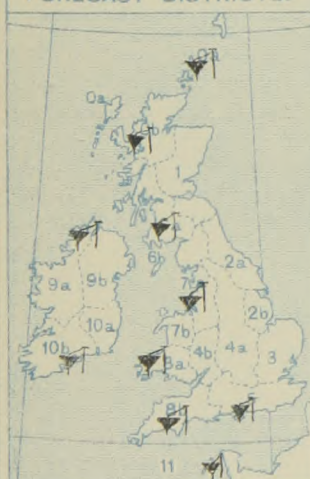
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 46°	Temp.	Wind		Weather.	M.S.L. Lat. 46°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Wind		Weather.	Sea 0-9.	Rain- fall.	Temp.		Weather.						
				Dir.	Force 0-15.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon	Night.				
BRITISH ISLANDS.	Lerwick ...	29.17	45	W	4	bcg	29.16	+0.2	40	-4	SSE	1	b	1	0.18	44	37	c	cbg bc	cbg	4			
	Stornoway ...	29.40	42	NW	4	cp	29.30	-0.7	41	-1	SE	5	cg	5	0.20	48	38	cbg	bcg	cbg	4			
	Castlebay (Barra Isd.)	29.46	45	WNW	4	bc	29.20	-0.8	44	+1	SE	6	r	7	0.02	47	40	o	abc	bcg	4.7			
	Glasgow ...	29.49	43	W	4	bc	29.43	-0.6	40	-2	ESE	3	o	8	0.02	47	36	cp	c bc	c, bc, c	4.2			
	Eskdalemuir ...	29.51	41	W	4	b	29.50	-0.6	38	-3	S	4	o	8	0.01	48	30	o cg	cg, op b	b, bc, c, o	4.4			
	Malin Head ...	29.53	44	WNW	3	bc	29.12	-0.5	41	-3	S	4	r	4	0.24	45	36	cmph	bcg	cmr	4			
	Blacksod Point ...	29.55	46	WSW	3	bcu	29.09	0.0	47	+5	SW	6	cg	4	0.21	48	41	bcu	bcu	cgmp	4			
	Valencia ...	29.61	49	S	3	bcu	29.23	-0.1	48	+3	SSW	4	bc	4	0.35	50	42	cu b	cu	cr	6.6			
	Roche's Point ...	29.67	49	SW	4	bc	29.38	0	47	+3	SW	5	c	6	0.12	51	43	c	cbg, bc	c, o, c	4			
	Birr Castle ...	29.61	47	SW	1	c	29.23	0	48	+6	S	2	c	0	0.17	51	40	cp	c	c, cp	4.5			
	Donaghadee ...	29.58	46	WNW	3	cg	29.39	-0.6	45	+2	SW	4	omrg	5	0.01	48	38	bcg	bcg	bc, cp	4			
	Liverpool Obsy. ...	29.66	45	W	4	bc	29.51	-0.4	42	-1	SE	4	o	3	0.02	48	39	op	bc	bc	2.2			
	Holyhead ...	29.63	47	WSW	3	cg	29.46	-0.1	46	+1	S	7	cg, gme	6	0.05	49	45	b, bc, cg	bc, c, o, g	c, c, o, m	2.9			
	Pembroke (St. Ann's Hd.)	29.69	46	WSW	5	c	29.46	-0.9	47	+2	S	7	cg, m	6	0.05	49	44	cg, p, cg	cg	c, o, g, m, r	4.7			
	Newquay ...	29.75	47	WSW	5	bc	29.54	-0.8	49	+3	S	6	bc	5	0.03	50	40	op, bc	bcu	bc, op, m	5.6			
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.77	49	W	4	bcg	29.50	-0.7	50	+3	S	5	omgr	5	0.03	53	44	bcg	bcg	bc, o, m, d	7.0			
	Jersey (St. Aubin) ...	29.80	48	W	4	b	29.83	0	48	+1	S	4	o	4	Trace	53	43	c, bc	c, o, bcg	bc, c	7.1			
	Portland Bill ...	29.71	48	W	5	bc	29.70	-0.2	49	+4	SW	5	c	4	0.01	50	46	bcg	bc	bc, b	4			
	Dungeness ...	29.63	49	WSW	4	bc	29.82	+0.2	47	+2	SW	2	bc	3	0.01	53	42	bcg	bc	bc, b	4			
	Dover ...	29.65	46	WSW	4	bc	29.80	0	46	0	SW	2	bc	4	0.01	51	39	b, bc	b, bc	bc, c, b	11.5			
	Wick ...	29.52	45	WNW	3	bc	29.42	-0.3	41	+1	S	3	c	2	0.03	49	35	omrg	cbg, bcg	bc, c	4			
	Nairn ...	29.38	44	WSW	2	bc	29.40	0	38	+4	SSE	2	c	3	0.02	50	30	bcg, c	q, bc	bc	4.7			
	Aberdeen ...	29.38	48	WNW	4	b	29.49	-0.1	38	-4	SSW	3	o	2	0.01	52	35	bc, o, p	bc	b, bc, c	4.9			
	Leith ...	29.44	46	W	2	c	29.46	-0.5	40	-4	SSE	2	c	0	0.01	51	38	c, c	c	bc, b	4			
	North Shields ...	29.46	49	W	3	c	29.57	-0.2	41	-1	SSW	3	o, g	2	0.01	53	38	cp	c	c, o	5.8			
	Spurn Head ...	29.54	45	WNW	3	c	29.65	0.0	42	+2	SW	4	c	4	0.02	50	39	c	c	c	7.2			
	Yarmouth ...	29.56	49	W	2	cm	29.77	+0.2	42	+5	SW	2	c	0	0.01	54	35	bc	bcg	bc, c	7.8			
	Clacton-on-Sea ...	29.58	52	WSW	2	c	29.73	+0.3	44	+4	SSW	3	c	2	0.01	56	40	b, bc	bc, c	cp, o, c	10.4			
	Nottingham ...	29.60	47	W	4	bc	29.67	0	41	+3	S	4	bc	0	0.02	51	36	bcg	cp, bc	bc, c	4.6			
	Bath ...	29.70	47	W	3	c	29.69	0	45	+6	S	3	o	0	0.07	52	36	bm, op	op, c	bc, b, op	4.3			
London (Kew Obsy.) ...	29.66	47	W	2	cd	29.77	0.0	44	+5	S	2	o	0	0.01	53	38	bm, b, bc	bc, c, od	od, bc, c	3.9				
NORTHERN EUROPE.	Spitzbergen ...	29.94	-6	-	0	m	29.93	+0.1	0	+29	-	0	o	0	0	-29								
	Isafjord ...	29.42	24	NW	3	b	29.31	-0.1	12	-3	-	0	b	0	0	0	0	0	0	0				
	Reykjavik ...	29.35	26	E	3	b	29.19	-0.5	28	+12	E	3	c	0	0	0	0	0	0	0				
	Vestmanna ...	29.26	25	NW	3	b	29.12	-0.3	30	+14	SE	6	c	1	0	0	0	0	0	0				
	Seydisfjord ...	29.33	21	SSW	6	c	29.39	0.0	21	0	-	0	c	0	0	0	0	0	0	0				
	Thorshavn ...	29.23	39	NW	6	o	29.34	-0.1	37	-5	-	0	o	0	0	0	0	0	0	0				
CENTRAL EUROPE.	Vardo ...	30.09	46	-	0	o	30.18	+0.1	22	+1	SE	6	o	4	0.12	22	18							
	Bodo ...	29.53	37	ESE	4	bc	29.52	-0.1	38	+1	E	6	c	2	0.12	39	36							
	Christiansund ...	29.21	45	-	0	b	29.35	+0.7	43	-1	-	0	o	3	0.12	50	41							
	Skudesnaes ...	29.32	42	SW	4	o	29.55	+0.3	42	+3	WSW	4	c	3	0.12	45	37							
	Færder (X'ianla Fjord)	29.43	40	SSE	3	c	29.61	+0.7	40	+1	SSW	1	f	2	0.12	41	39							
	The Scaw (Skagen) ...	29.48	41	SSW	2	m	29.63	+0.6	41	0	SSW	1	m	0	0.20	45	25							
	Blaavands Huk ...	29.50	43	SSW	2	r	29.66	+0.8	42	-1	WNW	1	f	1	0.04	48	41							
	Haparanda ...	29.79	33	ENE	2	bc	29.88	+0.4	30	-1	SE	2	s	0	0.12	37	30							
	Hernösand ...	29.60	35	-	0	o	29.74	-0.2	32	0	-	0	f	0	0.04	36	30							
	Stockholm ...	29.58	46	S	2	bc	29.70	+0.5	35	-2	SE	2	f	0	0.04	48	32							
SOUTHERN EUROPE.	Wisby ...	29.60	43	S	2	bc	29.71	+0.5	34	-5	WSW	2	f	0	0.04	48	34							
	Karlstad ...	29.50	40	-	0	bc	29.65	+0.8	40	+4	SSW	2	c	0	0.04	45	36							
	St. Petersburg ...	29.82	39	SE	2	o	29.87	+0.3	36	+5	SE	2	r	0	0.04	40	30							
	Berlin ...	29.56	45	W	2	o	29.77	+0.7	41	+2	S	2	b	0	0.16	48	36							
	Frankfurt ...	29.70	48	SW	3	c	29.93	+0.6	41	-1	SW	1	m	0	0.08	54	39							
	Munich ...	29.76	43	S	2	bc	29.97	+0.5	41	+1	W	5	c	0	0.08	48	39							
	Vienna ...	29.72	46	WNW	4	o	29.84	+0.6	44	-3	WNW	2	b	0	0.39	52	41							
	Cuxhaven ...	29.58	44	SW	2	bc	29.71	+0.6	45	+5	W	3	o	0	0.16	48	40							
	The Helder ...	29.57	47	SW	3	bc	29.78	+0.5	46	+1	WSW	3	c	2	Trace	48	45							
	Brussels ...	29.71	44	W	1	bc	29.88	+0.7	43	+1	WSW	2	c	0	0.04	54	42							
FRANCE.	C. Gris Nez ...	29.64	48	WSW	6	bc	29.83	+0.2	45	-2	SW	4	c	4	0.08	50	43							
	La Hève ...	29.77	47	WNW	4	c	29.88	0	43	-1	SW	6	b	4	0.08	54	39							
	Ushant ...	29.84	50	W	3	bc	29.74	0	50	0	SSW	6	f	7	0.08	50	46							
	Brest (St. Mathieu) ...	29.88	49	WNW	4	c	29.75	-0.05	49	+2	S	5	r	4	0.04	54	46							
	Rochefort (Ile d' Aix) ...	29.95	51	WNW	6	c	30.00	-0.1	52	0	SW	4	c	0	0.08	55	46							





**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 this morning at 8.20 in Districts 0, 8, 6 to 11, and the western part of 5.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Same as Nos. 6 to 10.

1 } Southerly to Westerly winds, increasing, strong or high at times; squally, changeable, some rain and mist; moderate temperature.

2 } Increasing Southerly to Westerly winds, a gale at times on coast; squally, changeable, some rain and mist; moderate temperature.

3 } Southerly winds, strong to a gale at times, veering Westerly;

4 } squally, unsettled, some rain, local coast mist or fog; moderate temperature.

5 } Southerly to Westerly strong winds and gales, moderating later; rough sea and swell; squally, some rain, mist or fog; moderate temperature.

Millibars

105

104

103

102

101

100

99

98

97

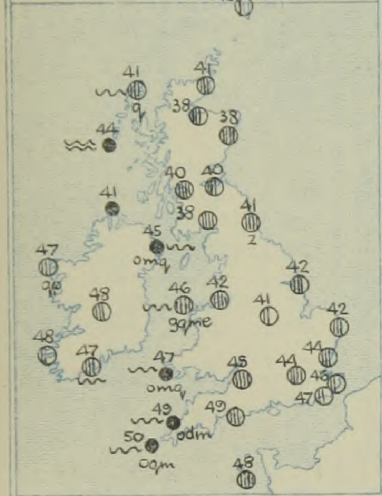


# SYNOPTIC CHART FOR 7 a.m., Thursday, 9<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

A deep depression beyond our western coasts will occasion windy, unsettled weather over the country generally.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches

31

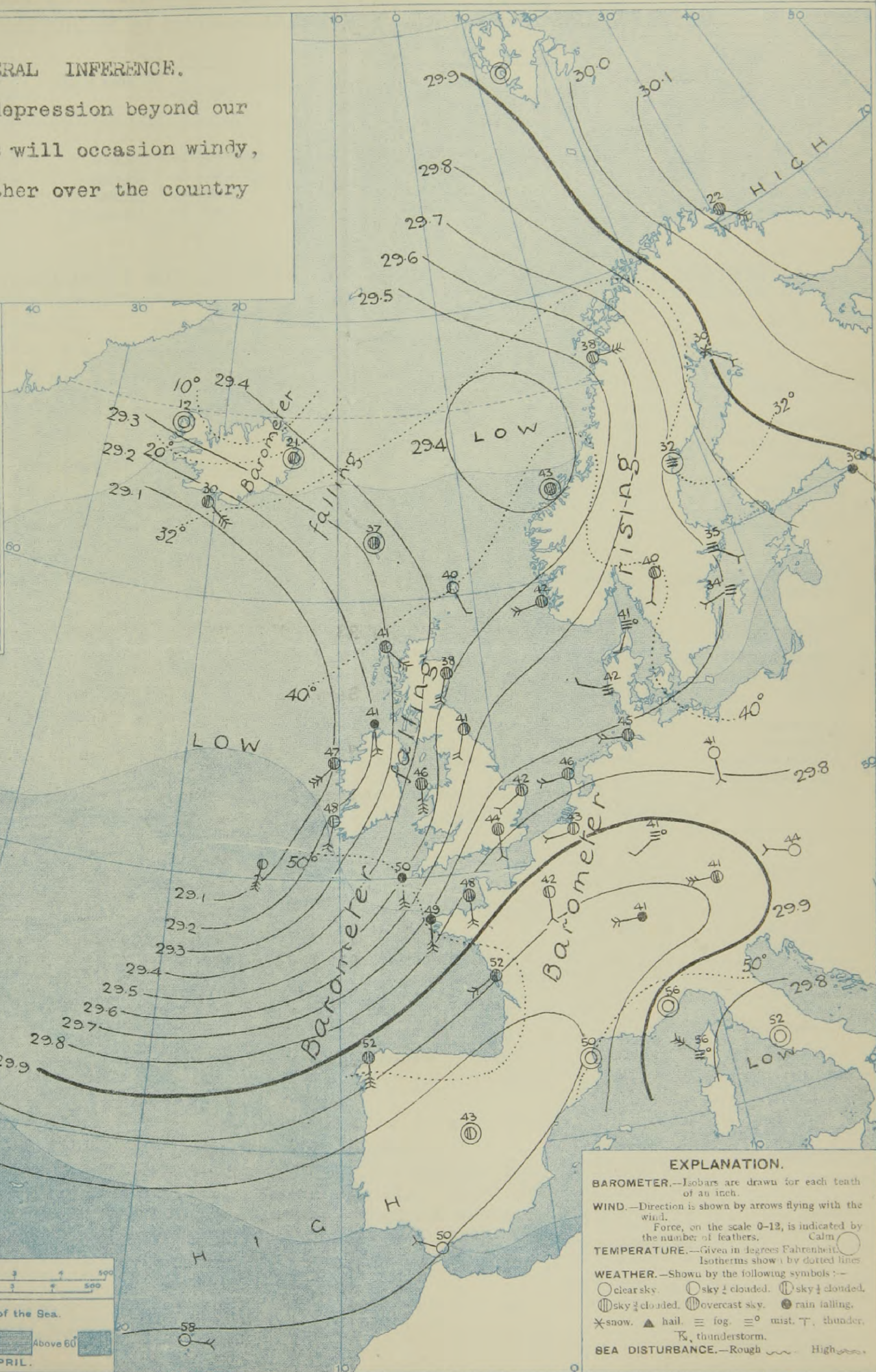
30

29

SCALE 1 : 2 x 10<sup>6</sup>  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 40 40°-50° 50°-60° Above 60°  
Scale of Tints for APRIL.



## 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.

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 ~~~~~



Thursday 9th April 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.	
9th Jan.	50	14	Arabic	O	29.06	-.09	SSW	8-9	bc	8th 6pm.	49	20	Adriatic	H	29.16	-.05	SW	6-7	b
" "	50	14	Adriatic	H	29.04	-.03	SW	6-7	b	" Jan.	50	21	Columbia	O	28.77	-.35	WSW	10-11	bc
8th 6pm.	47	30	Empress of Ireland	O	29.13	-.02	WSW	8-9	bc	" "	48	24	Adriatic	H	29.32	-.08	S	6-7	O
" "	47	28	Finland	O	29.28	-.01	WSW	10-11	r	" "	48	22	Menominee	O	29.68	-.08	SW	6-7	O

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

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.								
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.						
				Max.	Min.											
				24 HOURS ENDING 9 A.M. TO-DAY.												
				%	%	Hr.	F.°				F.°	F.°	In.			
Greenwich (Royal Obs.) ...	60	69	9.7	56	37	29	0.09	b	b. cp	cp. b						
City (Bunhill Row) ...	*	*	3.7													
Westminster (St. James's Pk.)	66	73	9.5	56	39	34	0.03	bc	b. cp	p. c						
Camden Sq. (Brit. Rainfall)	58	69	8.2	58	38	33	0.09	b	b. cp							
Hampstead (Reservoir) ...	*	72	9.3	54	37	30	0.05	bc	b. c. r.	r. b. c.						
Richmond Park ...	*	*	8.8													
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.												
				Total.		Average Rate.		Max. Rate.								
S. Kensington (Roof of M.O.)	67	74	9.0	14.96 Joules		31.2 Milliwatts.		76.0 Milliwatts.								

### Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yesterday.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	0.01	50	40	37	b op	bc	bc	
Plymouth to 9 p.m.	0.01	52	29	35	c ov	bc	bcv	7.2
Darwen "	0.12	45	37	35	c ov	ovp	bc ov	1.6
Manchester "	0.03	49	37	"	bc or c	c or bc	bc	4.1
Birmingham "	0.12	52	35	31	c b	cp	p	8.2
Oxford to 8 p.m.	"	55	35	29	b	b. c	c op bc	"
S. Kensington (Museum Grounds to 8 p.m.)	0.04	55	36	27	b bc	bc. bc	bc po	"

## NOTES ON YESTERDAY'S WEATHER.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				
9th and 10th April, 1914.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	... ..	5.10 5.8	11.55 11.54	6.29 6.40
Greenwich	... ..	5.21 5.18	12.2 12.1	6.43 6.44
Wick	... ..	5.20 5.17	12.14 12.13	7.7 7.9
Valencia	... ..	6.0 5.58	12.43 12.42	7.25 7.26

Temperature exceeded 50° in most parts of this country and touched 56° at Clacton-on-Sea. Small amounts of rain fell at nearly all stations. There was sunshine everywhere, large records in many places, 11½ hours at Dover. As far west as the 32nd meridian ships experienced Southerly to Westerly strong winds and gales, and fine to dull weather, rain locally.

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-bare, 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Terminals in London.

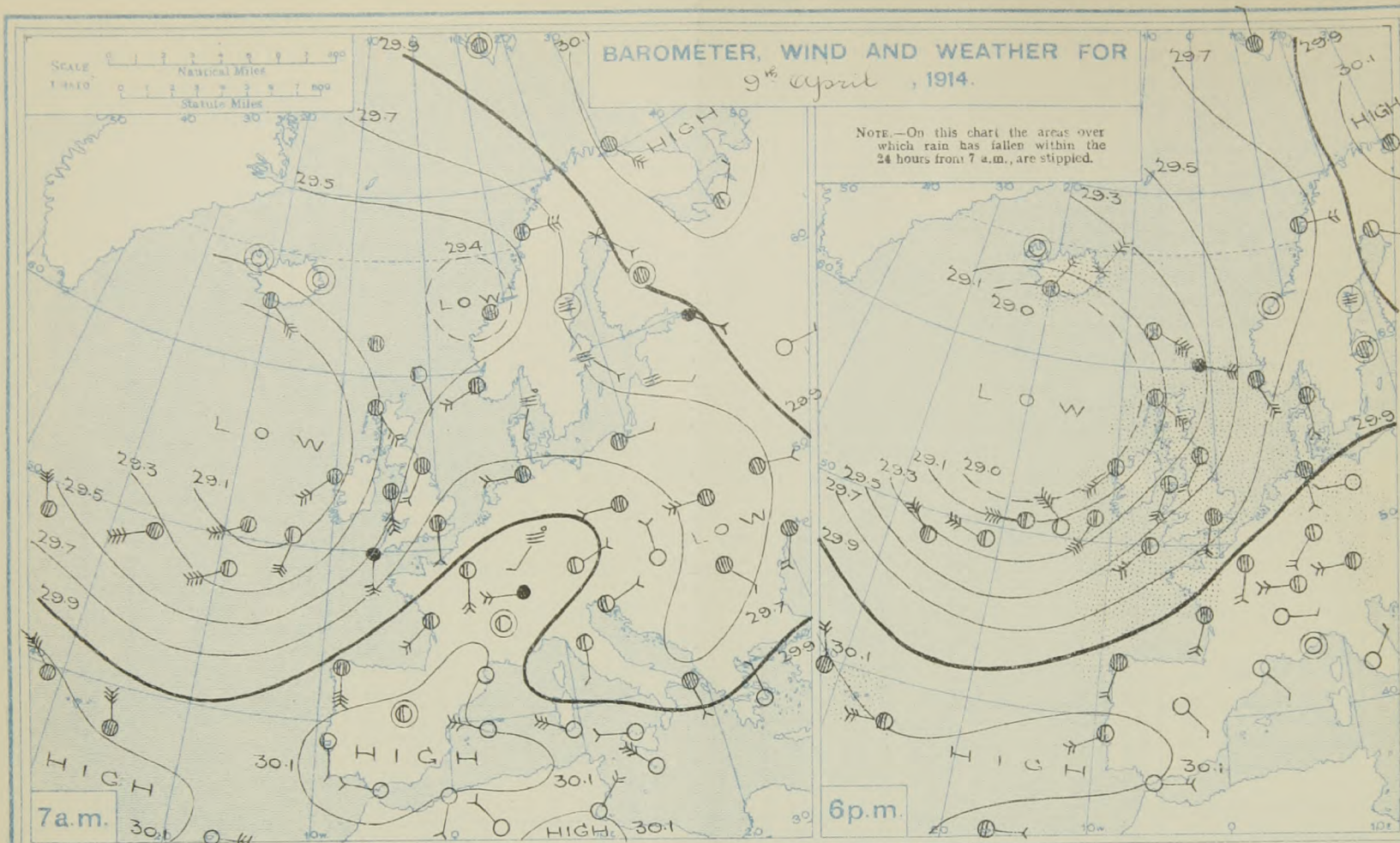


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

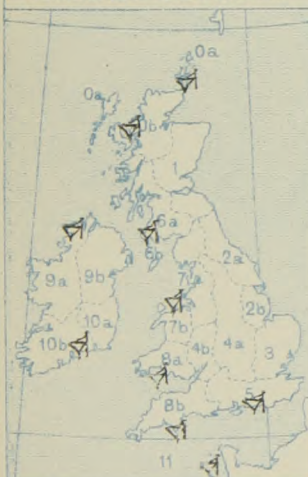
Friday,  
10th April, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp. In. F.	Wind		Weather.	Barometer.		Temp.		Wind.		Weather.	Sea 0-9.	Rain- fall.	Temp.		Weather.					
				Direc.	Force 0-12.		M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ... ..	29.27	43	ESE	6	org	29.11	-0.3	45	+5	SSE	3	bcm	3	0.16	47	39	b.c.	b.org	om.c.	2.8		
	Stornoway ... ..	29.06	47	SE	6	cq	28.97	-0.2	44	+3	SW	7	org	6	0.29	49	41	c.org	o.org	c.org	3.6		
	Castlebay (Barra Isd.)	29.03	48	SSE	5	bc	28.99	+0.2	45	+1	SSW	5	op	6	0.30	49	40	r.o.bc	bcp.bc	bc.op	1.3		
	Glasgow ... ..	29.22	48	SSW	4	c	29.23	+0.2	48	+5	SW	4	org	0	0.17	51	40	dp	blh.c.	c.op	0.1		
	Eskdalemuir ... ..	29.31	43	S	5	r	29.33	+0.3	43	+5	S	6	org	0	0.37	47	37	o.org	org	org	0.1		
	Malin Head ... ..	29.05	50	SW	4	c	29.07	+0.5	44	+3	SW	6	c	5	0.08	55	40	bcp	bcp	emp	0.1		
	Blacksod Point ... ..	29.00	47	SW	7	cqph	29.14	+0.8	46	-1	WSW	7	cqph	6	0.52	52	41	cqph	cqph	omqph	8.0		
	Valencia ... ..	29.19	49	S	5	cu	29.39	+0.6	47	-1	WSW	5	bc	5	0.12	53	44	cp	cp	cp	0.1		
	Roche's Point ... ..	29.32	50	SW	5	c	29.46	0	47	0	SW	4	b	5	0.06	53	45	bc	cp	cqph	0.1		
	Birr Castle ... ..	29.21	52	SW	3	c	29.34	0	45	-3	SW	4	bc	0	0.03	55	44	cp	cp	bc	6.7		
	Donaghadee ... ..	29.23	49	SSW	4	bcpq	29.27	+0.4	46	+1	SSW	4	bcpq	4	0.43	54	45	bcpq	bcpq	bcpq	0.1		
	Liverpool Obsy. ... ..	29.40	50	SW	5	b	29.49	+0.4	47	+5	S	3	c	2	0.10	54	42	or	c.b.	bc	1.8		
	Holyhead ... ..	29.38	49	SSW	6	bcpm.	29.44	+0.4	48	+2	SSW	6	bcpq	6	0.08	52	45	r.dp.om.	c.b.c.m.	c.b.c.	3.0		
	Pembroke (St. Ann's Hd.)	29.45	48	SSW	6	c	29.55	+0.6	47	0	WSW	6	cqph	6	0.04	50	47	cqpm	cqm	cqmp	2.7		
	Newquay ... ..	29.52	51	SSW	6	c	29.65	+0.6	47	0	SW	4	b	4	0.13	55	46	dp.bc.c.	c.b.c.	cp	3.6		
	Scilly (St. Mary's) ... ..	29.52	49	SW	5	bcm	29.64	+0.5	48	-2	WSW	5	bcpq	6	0.14	54	45	emp	omd	bcap	5.7		
	Jersey (St. Aubin) ... ..	29.75	51	SSW	4	r	29.84	0	50	+2	SW	3	b	3	0.02	54	47	c.opo.	omd	od.c.bc	0.0		
	Portland Bill ... ..	29.63	51	SSW	6	c	29.71	+0.6	50	+1	SW	6	b	5	0.12	52	46	cp.b.	r.c.	or.bc	0.1		
	Dungeness ... ..	29.71	50	SSW	6	o	29.79	+0.5	50	+3	SW	3	bc	3	0.08	53	45	bc.o.	dp	or.bc	0.1		
	Dover ... ..	29.71	50	S	6	r	29.77	0	49	+3	SW	5	c	5	0.06	50	45	bc	bc.c.op	or.c.	5.1		
Wick ... ..	29.44	44	SE	5	c	29.10	0.0	45	+4	S	4	cm	4	0.04	45	41	cmqph	cmqph	cqpm.	2.2			
Nairn ... ..	29.17	51	S	1	bc	29.08	0	46	+8	SSW	3	bc	3	0.02	51	35	q.org	py.bc.	cq	0.8			
Aberdeen ... ..	29.25	45	SSW	4	bcpq	29.20	0.0	46	+8	SSW	4	bc	2	0.07	48	38	or	cqph.bc	bc	0.8			
Leith ... ..	29.24	50	S	3	c	29.23	0.0	47	+7	SW	4	bc	0	0.05	54	39	c.od.	or.c.	bc	0.2			
North Shields ... ..	29.36	47	SW	4	c	29.38	+0.4	46	+5	ESE	5	bc	2	0.09	51	41	or	or	bc.c.	0.2			
Spurn Head ... ..	29.45	49	S	6	c	29.54	+0.3	46	+4	SSW	5	b	5	0.06	51	39	cq	cq	bc	0.5			
Yarmouth ... ..	29.65	49	S	6	omr	29.66	+0.2	48	+6	SW	3	bc	2	0.01	54	37	c	cp	org.bc.	3.1			
Clacton-on-Sea ... ..	29.68	49	SSW	6	og	29.70	+0.3	49	+5	SW	4	b	3	0.02	52	44	c.b.c.	cp.org.	org.bc.	3.5			
Nottingham ... ..	29.50	50	SW	4	o	29.57	0	46	+5	SW	5	b	0	0.02	53	40	bc.op.	dp	o.cp	1.1			
Bath ... ..	29.57	53	SSW	5	c	29.72	0	48	+5	SW	3	b	0	0.10	56	45	dp.r.d.	qd.o.bc.	c.b.r.b.	1.0			
London (Kew Obsy.) ... ..	29.65	52	SSW	4	og	29.72	+0.5	48	+4	SW	3	b	0	0.24	52	43	c.o.org.	cqph	cqphob	2.0			
ICELAND, FAEROE, &c.	Spitzbergen ... ..	29.82	0	N	1	o	29.65	0.0	30	+30	S	3	o	0	0	0	0	0	0	0			
	Isafjord ... ..	29.19	33	-	0	o	29.13	+0.3	26	+14	E	2	o	0	0	0	0	0	0	0			
	Reykjavik ... ..	29.04	36	NNE	3	s	29.03	+0.6	33	+5	N	4	b	0	0	0	0	0	0	0			
	Vestmanna ... ..	29.43	38	NE	4	o	28.87	+0.1	34	+4	NW	3	o	0	0	0	0	0	0	0			
	Seydisfjord ... ..	29.72	32	NE	6	s	28.97	-0.3	33	+12	NE	1	o	0	0	0	0	0	0	0			
	Thorshavn ... ..	29.13	43	SE	8	o	28.91	-0.3	44	+7	S	4	c	0	0	0	0	0	0	0			
NORTHERN EUROPE.	Vardö ... ..	29.15	25	ESE	8	c	29.14	0.0	27	+5	SE	4	b	3	0	27	18	0	0	0			
	Bodö ... ..	29.63	43	ESE	4	bc	29.62	0.0	44	+6	E	1	b	1	0	45	37	0	0	0			
	Christiansund ... ..	29.63	43	-	0	b	29.37	-0.7	46	+3	-	0	o	3	0	46	41	0	0	0			
	Skudesnaes ... ..	29.62	42	SSE	6	o	29.39	0.0	43	+1	SSE	8	o	5	0.32	45	39	0	0	0			
	Færder (X'iania Fjord)	29.78	41	SSW	2	f	29.71	-0.8	39	-1	SE	6	r	3	0.12	43	36	0	0	0			
	The Scau (Skagen) ... ..	29.80	44	S	3	o	29.68	-0.7	43	+2	SSE	6	o	2	0.04	52	41	0	0	0			
	Blaavands Huk ... ..	29.83	43	SSE	2	c	29.66	-0.8	44	+2	SSW	6	r	4	0.16	46	41	0	0	0			
	Haparanda ... ..	29.45	34	SE	2	bc	29.02	+0.1	34	+4	SW	2	o	0	0	41	30	0	0	0			
	Hernösand ... ..	29.85	32	-	0	f	29.91	+0.1	32	0	-	0	o	0	0	34	30	0	0	0			
	Stockholm ... ..	29.40	40	?	2	c	29.95	+0.3	34	-1	SSE	2	o	0	0	50	28	0	0	0			
CENTRAL EUROPE.	Wisby ... ..	29.86	33	-	0	f	29.99	+0.1	35	+1	S	2	o	0	0	37	30	0	0	0			
	Karlstad ... ..	29.80	42	S	2	c	29.81	-0.4	39	-1	SE	2	o	0	0	46	34	0	0	0			
	St. Petersburg ... ..	29.99	40	SE	2	bc	29.07	0.0	35	-1	ENE	1	o	0	0	0	28	0	0	0			
	Berlin ... ..	29.92	46	W	1	b	29.04	0.0	43	+2	S	2	bc	0	0.12	54	37	0	0	0			
	Frankfurt ... ..	29.01	50	SW	3	bc	29.06	+0.1	43	+2	SW	1	m	0	0	54	39	0	0	0			
	Munich ... ..	29.07	45	W	4	c	29.17	+0.1	41	0	SSW	3	b	0	0.04	50	32	0	0	0			
	Vienna ... ..	29.04	46	W	4	b	29.16	+0.1	47	+3	W	2	b	0	0.04	55	43	0	0	0			
	Cuxhaven ... ..	29.89	45	S	2	o	29.80	-0.2	44	-1	S	4	r	1	0.12	50	43	0	0	0			
	The Helder ... ..	29.78	50	S	4	o	29.73	+0.2	47	?	SSW	5	c	4	0.04	52	46	0	0	0			
	Brussels ... ..	29.87	51	SSW	4	o	29.86	+0.7	49	+6	SW	2	r	0	Trace	55	43	0	0	0			
FRANCE.	C. Gris Nez ... ..	29.75	51	S	6	o	29.78	+0.5	49	+4	SW	7	bc	6	0.16	54	45	0	0	0			
	La Hève ... ..	29.80	50	SW	6	o	29.89	0	50	+7	SW	5	b	5	0.04	54	43	0	0	0			
	Ushant ... ..	29.73	50	SW	5	o	29.76	0	51	+1	SW	3	c	6	0.12	54	46	0	0	0			
	Brest (St. Mathieu) ... ..	29.71	50	SW	5	o	29.81	+0.2	50	+1	SW	4	bc	5	0	54	48	0	0	0			
	Rochefort (Ile d' Aix)	29.94	54	SSW	4	o	29.96	+0.2	53	+1	SE	1	o	0	0.08	59	50	0	0	0			
	Biarritz ... ..	29.93	67	SE	2	c	29.96	+0.1	64	+16	S	3	bc	3	0	67	48	0	0	0			
	Paris ... ..	29.92	55	SSW	4	o	29.96	+0.6	<														





#### 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 0, 5 and 6-11

AT 8.20 AM YESTERDAY.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Millibars

1050-31

1040

1030

1020

1010

1000

990

980

970

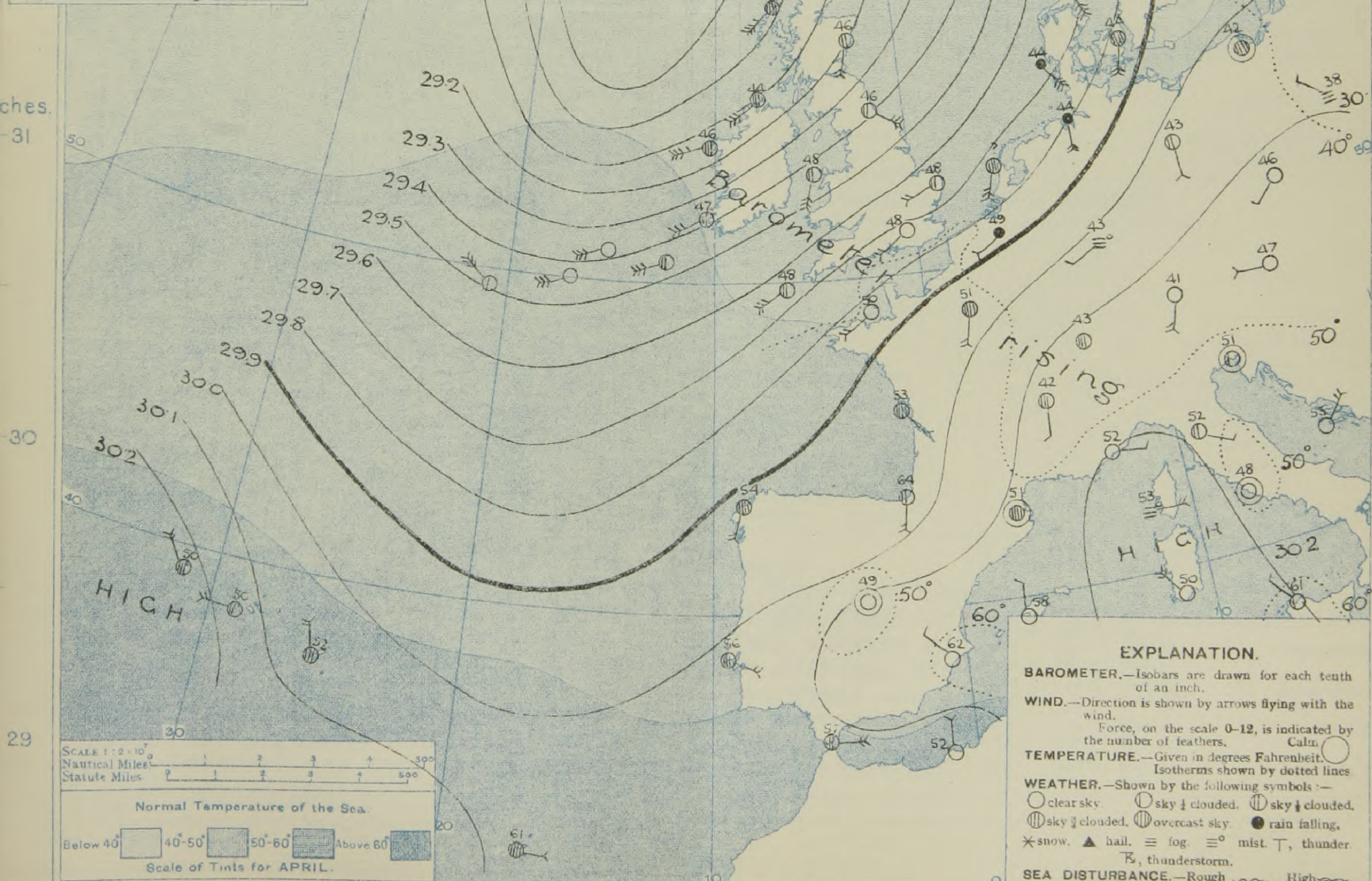
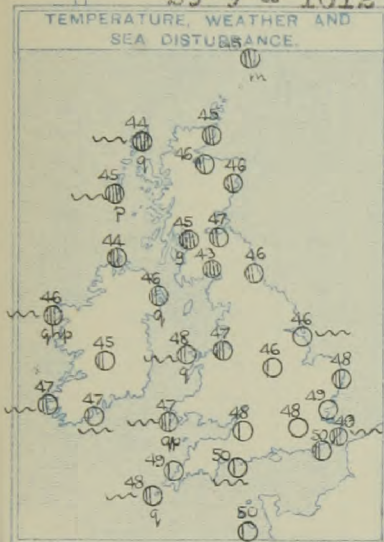


# SYNOPTIC CHART FOR 7 a.m., Friday, 10<sup>th</sup> APRIL, 1914.

## EQUIVALENT PRESSURE VALUES.

Mercury Inches and Millibars.

in.	mb.	in.	mb.
29.0	= 982.0	30.0	= 1015.9
29.1	= 985.4	30.1	= 1019.3
29.2	= 988.8	30.2	= 1022.7
29.3	= 992.2	30.3	= 1026.0
29.4	= 995.6	30.4	= 1029.4
29.5	= 998.9	30.5	= 1032.8
29.6	= 1002.3	30.6	= 1036.2
29.7	= 1005.7	30.7	= 1039.6
29.8	= 1009.1	30.8	= 1043.0
29.9	= 1012.5	30.9	= 1046.4



## EXPLANATION.

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

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

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

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

○ clear sky. ○ sky 1/4 clouded. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.

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

**SEA DISTURBANCE.**—Rough. High.



## 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.	
10th 7 a.m.	50	16	Empress of Ireland	H	29.45	+0.3	WSW	6-7	b	9th 6 p.m.	50	17	Arabic	O	29.11	+0.7	W	8-9	c
" "	50	15	Royal Edward	O	29.46	+0.8	W	6-7	b	" "	50	15	Haverford	H	29.20	+0.3	WNW	8-9	b.
" "	51	14	Olympic	O	29.36	+0.25	WSW	6-7	b	" "	49	14	Philadelphia	H	29.35	+0.5	WSW	6-7	b
9th 6 p.m.	47	28	Columbia	O	29.92	+1.1	WNW	6-7	bc	" "	48	35	Columbia	O	29.52	+1.1	WNW	6-7	c
" "	48	26	Megantic	H	29.47	+0.1	HW	6-7	c	" "	49	26	Empress of Ireland	O	29.32	+0.4	WSW	8-9	o
" "	47	26	Menominee	O	?	?	WNW	8-9	bc	" "	48	25	Menominee	O	29.34	+0.6	WNW	8-9	c
" "	49	20	Empress of Ireland	H	29.31	-0.2	WNW	6-7	bc	" "	50	15	Haverford	H	29.05	+0.1	WSW	8-9	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	Oban	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.	
	St. Andrews	0.29	53	39	orbc	bc	2.8	Ramsgate	0.02	54	36	bc	bc.c	4.7	
Eng. N.E.	Harrogate	0.32	48	37	c.or	r.c	0.3	Folkestone	0.03	52	37	bc	or	5.0	
	Scarborough	"	51	38	o.c	o.c	0.6	Hythe	"	50	37	bc.b	or	3.9	
	Skegness	0.02	52	37	bc	c.o	1.8	Littlestone	0.03	54	35	b	bc.op	4.5	
	Douglas	0.06	50	39	op	cq	3.0	Hastings	"	"	"	"	"	4.7	
Eng. N.W.	Morecambe	0.18	51	40	op	op	1.2	Bexhill-on-Sea	0.01	51	39	w.b.bc.o	o	3.1	
	Blackpool	0.05	52	40	op	o.c	1.0	Eastbourne	"	51	41	bc	omr	3.8	
	Southport	0.07	52	40	or	or.c.b	1.5	Seaford	0.02	51	46	bc.o	oq	3.2	
Mid- lands.	Buxton	0.12	49	36	bc	bc	1.3	Seaforth	0.02	51	43	bq.bc	o.or	3.4	
	Leamington Spa	0.13	54	37	op	op	0.8	Brighton	0.01	50	40	c.o	or.o	2.8	
	Malvern	0.12	52	39	c.op	p	0.7	Worthing	0.02	51	36	c	o	2.4	
	Rhyl	0.05	55	39	bc	bc	3.3	Littlehampton	0.02	"	"	"	"	1.3	
Wales.	Colwyn Bay	0.10	55	42	n.bc	bc	4.0	Southsea	0.10	52	40	c.bcp	chp.c	1.5	
	Llandudno	0.02	53	38	c	bc	4.0	Ryde	0.05	53	48	op	bcp	1.5	
	Aberystwyth	0.07	52	43	or.o	c.bc	2.0	Ventnor	0.05	53	41	"	"	1.5	
	Tenby	0.18	52	47	p	bc	2.2	Bournemouth	0.05	52	39	d.o	o	0.3	
England, E.	Lowestoft	"	53	39	c.o.c	c.or	3.6	Weymouth	0.08	52	44	or.p	cp.o	0.2	
	Felixstowe	0.02	53	41	bc	cp	4.7	Exmouth	"	"	"	"	"	"	
	Walton-on-Naze	"	50	40	bc.cq	op.od	3.6	Teignmouth	0.18	55	40	orq	g.c	0.1	
	Southend-on-Sea	0.01	53	40	b.bc	oed	3.6	Torquay	0.12	54	43	od	c.o	0.8	
								England, S.W.							
								Paignton	0.15	55	39	b.bc.o.e	c	1.5	
								Falmouth	0.14	55	42	rq.op	cqp	3.4	
								Bude	0.04	56	41	c.b.cpr	b.cpr.c	3.2	
								Ilfracombe	0.10	56	42	op	c	2.2	
								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.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
Greenwich (Royal Obsy.) ...	% 89	% 65	Hr. 3.0	F.° 54	F.° 46	F.° 39	In. 0.06	c.bc	bc.or	or
City (Bunhill Row) ...	"	"	2.1	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	94	71	?	54	47	43	0.10	ad	d.r.c	bc
Camden Sq. (Brit. Rainfall)	"	"	"	"	"	"	"	"	"	"
Hampstead (Reservoir) ...	"	80	0.6	51	44	40	0.20	bc	c	b.r
Richmond Park ...	"	"	2.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	"	"	"							
				Total. Joules		Average Rate. Milliwatts.		Max. Rate. Milliwatts.		
S. Kensington (Roof of M.O.)	92	73	1.9							

## 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.	0.05	58	42	39	bcq	cp	ph.c	*	
Plymouth to 9 p.m.	0.14	52	44	41	orq	orq	oq	0.3	
Darwen	0.21	47	36	34	c.o	our	our.b	0.1	
Manchester	0.19	53	40	"	c.o	o.c	cor.b	0.6	
Birmingham	0.15	51	37	33	"	o	n.o	0.1	
Oxford to 8 p.m.	"	54	37	28	b.c	cor	or.o.c	"	
S. Kensington (Museum Grounds to 6 p.m.)	0.01	52	39	27	o.bc	o.od	o	"	

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

10th & 11th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.8 5.6	G.M.T. 11.54 11.54	G.M.T. 6.40 6.41
Greenwich	5.18 5.16	12.1 12.1	6.44 6.46
Wick	5.17 5.14	12.13 12.13	7.9 7.11
Valencia	5.58 5.56	12.42 12.42	7.26 7.28

NOTES ON YESTERDAY'S WEATHER.  
Temperature rose to about 55° in several places in the west and south of these islands, but remained below 50° at some northern stations. Slight grass frost was experienced at night in various districts. Rain fell very generally, but, as a rule, the quantity was moderate or slight. Over the Kingdom as a whole there was little bright sunshine - less than an hour at some central and south-western stations. According to wireless reports ships sailing along the usual transatlantic routes experienced strong winds and gales from the Westward between the Irish coast and the 30th meridian.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

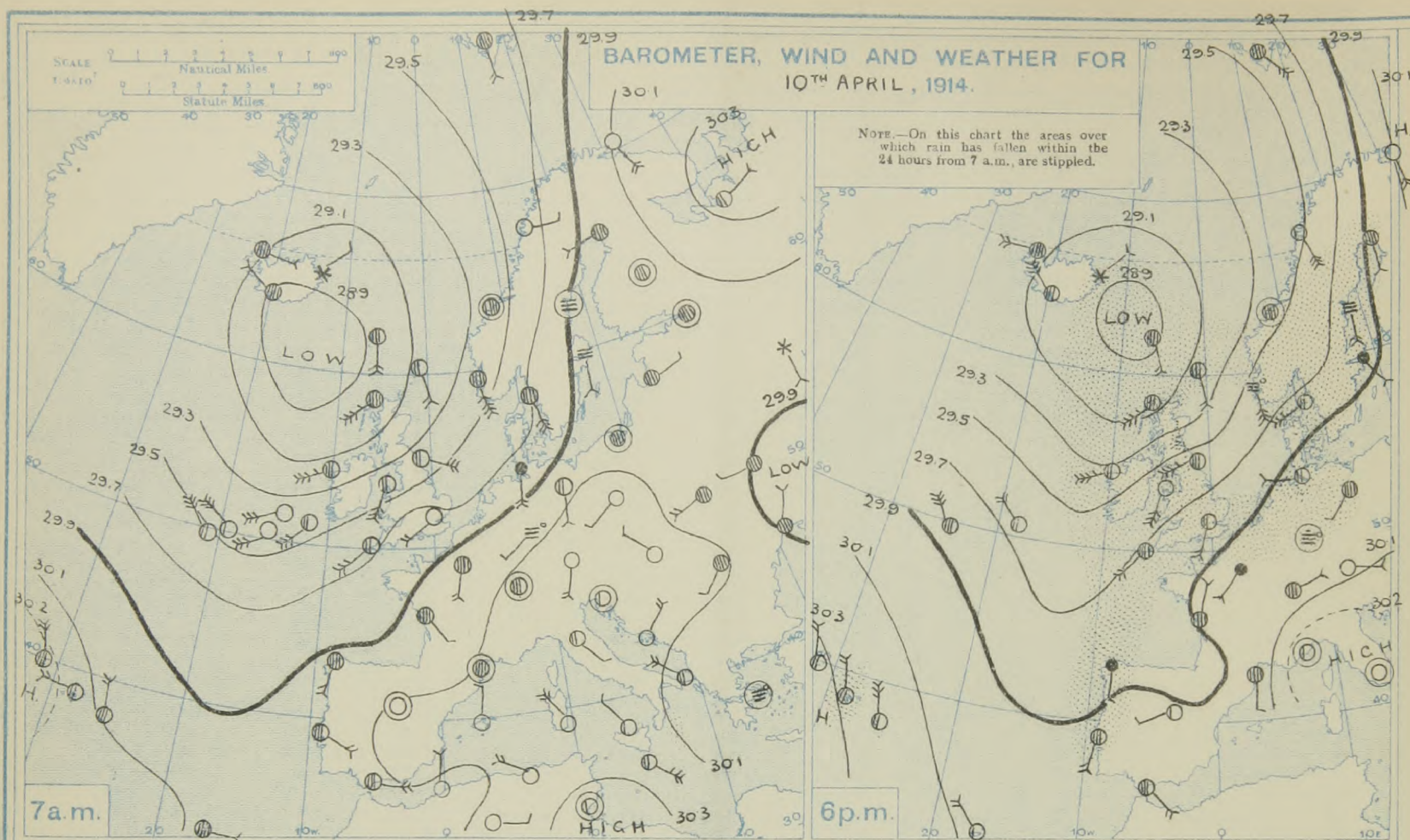
Saturday,

11th April,

1914.

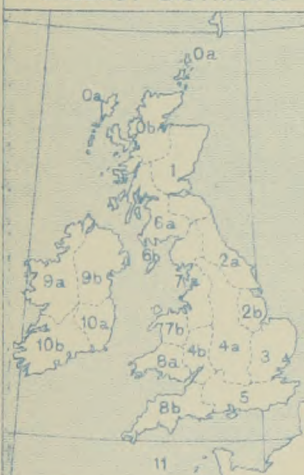
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.							PAST 24 HOURS.							Sun- shine for Vester- day.		
		Barom.		Temp.		Weather.	Barometer.		Temp.		Wind.		Sea	Rain- fall.	Temp.		Weather.						
		M.S.L. Lat. 45°	In.	F.	Dir.		Force 0-12.	M.S.L. Lat. 45°	In.	F.	Change in 3 hours.	Dir.			Change in 24 hours.	Dir.	Force 0-12.	Weather.	Max.	Min.		Morning.	Afternoon.
BRITISH ISLANDS.	Lerwick	29.16	48	SSE	3	bc	29.27	48	0	+0.5	SSE	5	bc	4	0.01	49	43	49	40	bc	bcp	cqr.bc	Hour
	Stornoway	29.09	48	SW	7	cpq	29.45	48	-4	+1.3	WSW	5	aq	4	0.28	49	40	49	42	opq	o.e.pq	cqr	2.0
	Castletown (Barra Isd.)	29.20	47	SW	6	op	29.54	47	-2	+0.9	W	5	bc	5	0.08	49	42	49	42	op	op	o.p.c.bc	3.3
	Glasgow	29.39	48	SW	4	b	29.59	48	-2	+0.5	SW	4	c	4	Trace	52	42	52	42	a.c.bq	bc.bq	bc.c.o	7.3
	Eskdalemuir	29.50	44	SSW	6	aq	29.66	44	-2	+0.4	SW	5	o	3	0.01	47	40	47	40	aq.c.hq	op	eq.c.o	7.3
	Malin Head	29.25	46	SW	5	c	29.59	46	+1	+0.7	W	3	c	3	0.06	51	42	51	42	cmq	cmq	cmq	1.4
	Blacksod Point	29.34	49	WSW	7	bcpq	29.68	49	-1	+0.8	WSW	2	cp	3	0.22	51	43	51	43	cpmq	bcpq	cmq	1.4
	Valencia	29.57	49	SW	4	bc	29.74	49	+1	+0.6	W	3	cp	5	0.01	52	43	52	43	bc	bc	bcp	1.4
	Roche's Point	29.62	49	SW	4	bc	29.75	49	-3	Trace	NE	2	b	4	0.08	52	44	52	44	bcpq	bc	bc.b	10.2
	Birr Castle	29.51	50	SW	3	c	29.69	50	-3	Trace	S	1	bc	3	Trace	54	39	54	39	cp1	b	bc	10.2
	Donaghadee	29.43	53	W	5	b	29.66	53	-5	+0.5	W	3	bc	3	0.01	55	41	55	41	bcpq	bq	bc	10.2
	Liverpool Obsy.	29.65	51	SW	5	bc	29.74	51	-4	+0.2	SSE	2	r	2	0.03	54	43	54	43	bcp	cb	bc.r	4.6
	Holyhead	29.59	49	SSW	6	bqz	29.73	49	-2	+0.3	WSW	2	bqz	2	Trace	52	45	52	45	b.bqz	cp.bqz	b.bqz	10.0
	Pembroke (St. Ann's Hd.)	29.68	48	SSW	6	c	29.77	48	-2	+0.2	WSW	1	cp	3	0.20	50	44	50	44	cp	cp	bcq	7.0
	Newquay	29.74	50	SSW	5	bc	29.78	50	-2	+0.7	W	3	b	4	0.40	54	43	54	43	b	b.bq	bc	8.2
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	29.72	50	SW	4	om	29.76	50	-2	+0.2	WSW	3	bc	5	0.42	54	42	54	42	bc	cm	omr.cq	8.7
	Jersey (St. Aubin)	29.86	56	SW	3	bc	29.81	56	+1	Trace	SW	4	omd	4	0.04	59	49	59	49	c.o	c.o	b.omd	6.1
	Portland Bill	29.80	50	SW	4	bc	29.71	50	0	-0.3	S	4	o	4	0.04	52	46	52	46	bc	bc	bc.r.o	6.1
	Dunegness	29.89	51	SW	2	c	29.85	51	0	-0.1	SSE	3	ogr	3	0.01	54	46	54	46	bc	c	bc	6.5
	Dover	29.85	48	SSW	2	bc	29.82	48	+1	Trace	S	2	r	2	0.04	52	45	52	45	bc.b	b.bqz	bc.c.or	6.5
	Wick	29.17	46	SSW	7	bc	29.40	46	+1	+0.5	SW	4	cp	4	0.08	50	41	50	41	cm.bq	bc.bq	bc.bq	9.4
	Nairn	29.21	46	SW	6	ogq	29.46	46	-1	Trace	W	3	cu	3	0.08	55	42	55	42	cp	cp	q.bq	9.4
	Aberdeen	29.27	52	SW	6	o	29.51	52	+2	+0.10	SSW	3	b	2	0.08	56	45	56	45	bcq	bc.bq	bc.bq	8.8
	Leith	29.39	51	SW	4	bc	29.58	51	-1	+0.7	SW	4	bc	2	0.12	55	43	55	43	cp	cp	b.bq	9.4
	North Shields	29.52	52	SW	7	bc	29.68	52	-1	+0.2	SSW	3	c	2	0.01	57	43	57	43	bcv	bcv	c.o.c	9.4
	Spurn Head	29.67	53	SSW	5	c	29.76	53	-1	+0.1	SW	3	op	3	0.01	57	44	57	44	c	c	bc.c	9.5
	Yarmouth	29.77	55	SW	4	c	29.84	55	-1	Trace	S	2	or	1	0.02	56	47	56	47	bc	bc.c	bc.c	8.0
	Clacton-on-Sea	29.81	53	SW	5	c	29.83	53	0	Trace	SSE	2	ogr	2	0.02	56	47	56	47	b.bq	bc.c	c.bq.or	9.4
	Nottingham	29.71	53	SW	5	b	29.77	53	-1	Trace	S	2	r	2	0.04	57	44	57	44	b	bc	bc	8.9
	Bath	29.79	51	SW	6	b	29.73	51	+1	Trace	SW	1	r	2	0.09	57	45	57	45	b	o	or	8.6
London (Kew Obsy.)	29.82	54	SSW	3	bc	29.79	54	0	-0.1	S	1	omr	2	0.02	58	42	58	42	bcq	bcq	bc.bq	8.4	
NORTH EUROPE.	Spitzbergen	29.55	34	SE	5	o	29.41	34	+4	+0.2	SE	5	o	2	0.04	34	28	34	28	o	o	o	GALES.
	Isafjord	29.44	26	W	4	o	29.43	26	-7	+0.6	W	3	c	2	0.04	34	28	34	28	o	o	o	Duration and Extreme Force in British Islands.
	Reykjavik	29.09	36	NNW	3	o	29.36	36	-7	+0.8	W	6	c	2	0.04	34	28	34	28	o	o	o	Glasgow.
	Vestmanna	29.09	33	NW	6	c	29.28	33	-7	+0.8	W	7	c	2	0.04	34	28	34	28	o	o	o	10th Moon - 4pm SW 8 in Squalls.
	Seydisfjord	29.03	38	NE	2	s	29.06	38	0	+0.5	WNW	3	c	2	0.04	34	28	34	28	o	o	o	Moim.
	Thorshavn	29.09	47	SSE	3	o	29.02	47	-1	+0.6	W	4	r	2	0.04	34	28	34	28	o	o	o	10th Moon - 5pm. SSW qd Moon.
	Vardö	30.10	30	S	4	b	30.07	30	+5	Trace	S	4	b	2	0.04	32	19	32	19	o	o	o	Aberdeen.
	Bodö	29.49	44	SSE	6	b	29.47	44	-2	+0.1	ESE	4	o	2	0.04	34	28	34	28	o	o	o	10th 12pm Squall SW 51 mph.
	Christiansund	29.34	48	W	0	o	29.41	48	+2	Trace	W	0	o	3	0.04	34	28	34	28	o	o	o	Shields.
	Skudesnaes	29.52	43	SSE	6	m	29.60	43	0	+0.2	S	8	m	5	0.39	43	39	43	39	o	o	o	10th 3pm SW 8.
	Færder (X'anta Fjord)	29.65	41	SSW	5	m	29.75	41	+3	+0.2	SSW	4	m	3	0.20	50	41	50	41	o	o	o	Nottingham.
	The Scaw (Skagen)	29.77	45	WSW	5	bc	29.82	45	0	+0.2	SW	3	c	1	0.04	46	43	50	43	o	o	o	10th Moon. SW 8.
	Blaavands Huk	29.85	45	SW	3	m	29.88	45	+2	+0.1	SW	3	m	3	0.04	46	43	50	43	o	o	o	
	Haparanda	29.99	36	S	2	o	29.91	36	0	-0.2	S	6	o	2	0.16	37	32	37	32	o	o	o	
	Hernösand	29.52	34	S	4	f	29.74	34	+5	+0.4	S	4	bc	2	0.16	37	32	37	32	o	o	o	
Stockholm	29.86	37	SE	2	r	29.88	37	+10	+0.4	S	2	o	2	0.20	45	34	45	34	o	o	o		
CENTRAL EUROPE.	Wisby	29.91	38	ESE	2	r	30.01	38	+11	+0.5	SW	4	b	2	0.24	46	34	46	34	o	o	o	
	Karlstad	29.68	40	S	4	o	29.84	40	+1	+0.2	WSW	4	o	2	0.35	43	37	43	37	o	o	o	
	St. Petersburg	30.13	33	EME	1	b	30.16	33	-1	+0.2	W	0	m	2	0.04	34	25	34	25	o	o	o	
	Berlin	30.01	54	SW	1	o	30.06	54	+7	+0.1	S	1	o	2	0.04	59	43	59	43	o	o	o	
	Frankfurt	30.05	57	W	0	m	30.05	57	+7	+0.1	S	0	m	2	0.04	61	43	59	43	o	o	o	
	Munich	30.09	52	E	2	b	30.13	52	+4	+0.1	W	2	bc	2	0.04	59	37	59	37	o	o	o	
	Vienna	30.15	50	W	0	bc	30.19	50	-5	+0.2	W	0	b	2	0.04	61	39	59	39	o	o	o	
	Cuxhaven	29.93	49	W	2	b	29.95	49	+4	+0.1	S	2	m	0	0.16	54	44	54	44	o	o	o	
	The Helder	29.85	50	SSW	5	bc	29.88	50	?	+0.2</													





**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 Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

**No Warnings Issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 { a }  
b }

Same as Nos. 6 to 10.

1 { a }  
b }

Light to moderate Southerly breezes, veering Westerly or North-Westerly; dull, with rain at first, then improving, with some decrease of temperature.

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 }

Wind between West and North, light to moderate; generally fair to fine, but some local passing showers; cooler.

North-Westerly breezes, fresh at times; sea slight or moderate; changeable, fair to dull, with some showers and mist; rather cooler.

Millibars

1050

1040

1030

1020

1010

1000

990

980

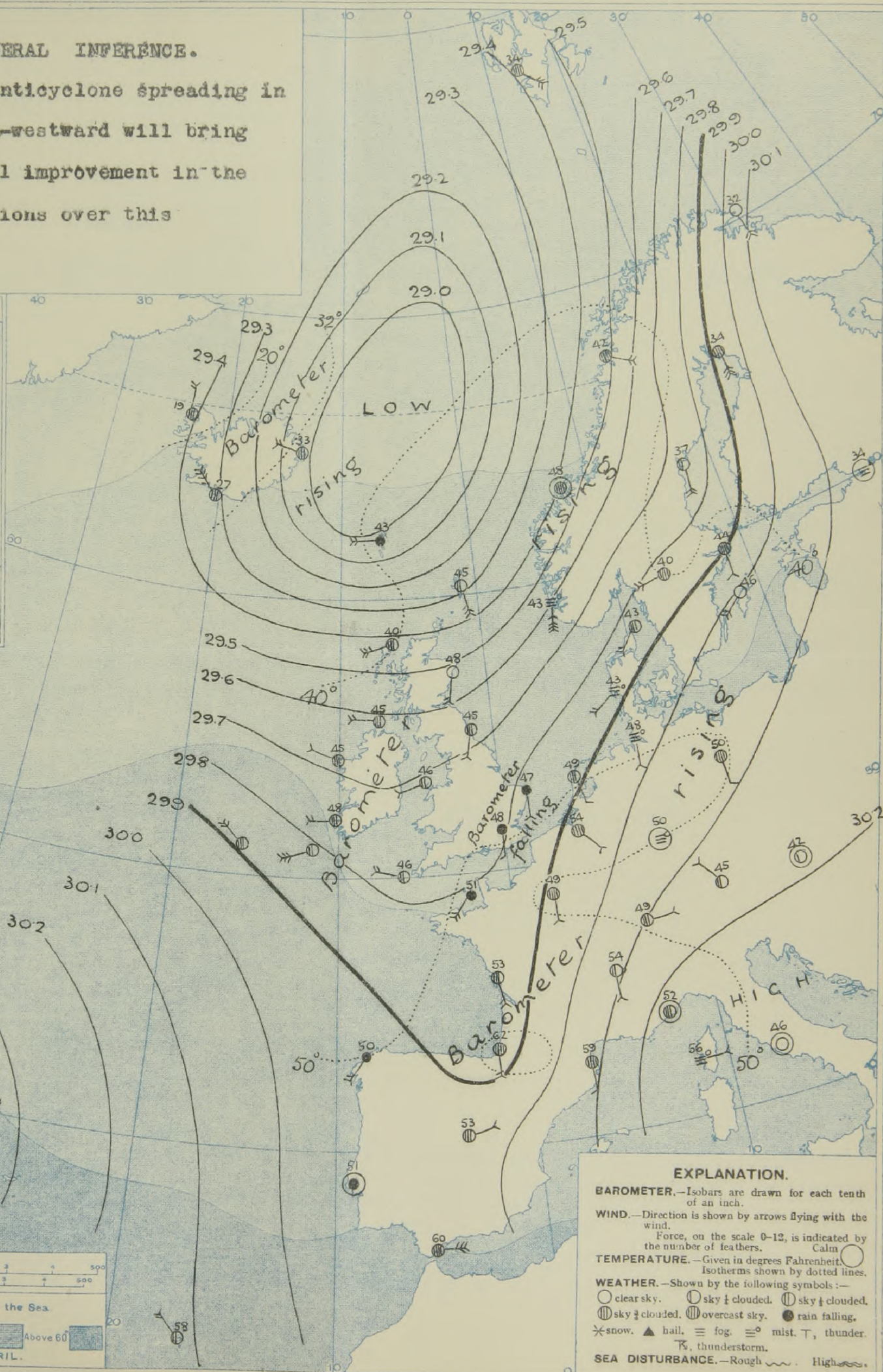
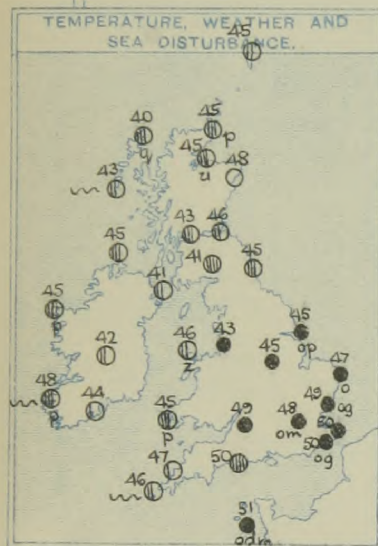
970



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

## GENERAL INFERENCE.

An anticyclone spreading in from the south-westward will bring about a general improvement in the weather conditions over this country.



## EXPLANATION.

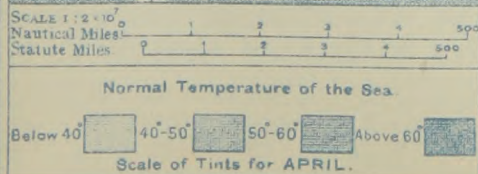
**BAROMETER.**—Isobars are drawn for each tenth of an inch.

**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.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough seas. High seas.





## DAILY WEATHER REPORT.

Saturday, 11th April, 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.	
11th, 1 a.m.	51	14	<i>Redic</i>	O	29.89	+14	NW	4-5	c	10th, 6 p.m.	50	17	<i>Megantic</i>	H	29.67	+04	N	4-5	c
" "	51	11	<i>Megantic</i>	H	29.83	+10	N	4-5	c	" 1 a.m.	49	20	<i>Arabic</i>	O	29.47	+06	NW	6-7	bc
" "	51	11	<i>Arabic</i>	O	29.79	+06	WSW	6-7	bc	" "	49	19	<i>Royal Edward</i>	O	"	+08	WNW	6-7	b
10th, 6 p.m.	49	24	<i>Arabic</i>	O	29.84	+11	NNW	6-7	c	" "	51	11	<i>Haverford</i>	H	29.54	+12	WSW	6-7	bc
" "	50	18	<i>Olympic</i>	O	29.65	+09	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.	
Scotland.	(Oban ...)	0.24	53	42	b.c.	b.c.	1.9	England, S.E.	(Margate ...)	-	56	48	b.c.	b.c.	5.8
	(St. Andrews ...)	0.06	53	42	"	"	9.9		(Ramsgate ...)	0.04	54	47	b.c.	b.c.	4.5
Eng., N.E.	(Harrogate ...)	0.05	56	41	b.p.b.	b.p.b.	8.9	England, S.E.	(Folkestone ...)	0.06	52	47	b.c.	b.c.	5.5
	(Scarborough ...)	"	58	43	c.b.	c.b.	10.2		(Hythe ...)	"	"	"	"	"	6.8
Eng., N.W.	(Skegness ...)	0.14	59	44	b.c.	b.c.	8.1	England, S.E.	(Littlestone ...)	"	"	"	"	"	5.5
	(Douglas (10 m.) ...)	"	51	44	b.g.	b.g.	11.0		(Hastings ...)	0.10	55	48	b.c.b.	b.c.b.	5.7
Mid. lands.	(Morecambe ...)	"	53	44	b.c.	b.c.	6.5	England, S.E.	(Bexhill-on-Sea ...)	0.09	53	48	b.c.	b.c.	5.7
	(Blackpool ...)	"	54	44	b.c.	b.c.	7.1		(Eastbourne ...)	0.09	55	48	b.c.b.	b.c.b.	5.3
Wales.	(Southport ...)	"	56	43	b.c.	b.c.	8.5	England, S.W.	(Seaford ...)	"	"	"	"	"	7.8
	(Buxton ...)	"	51	40	b.c.p.	b.c.p.	8.1		(Brighton ...)	0.04	54	49	b.c.	b.c.	9.4
England, E.	(Leamington Spa ...)	0.05	58	44	c	c	7.6	England, S.W.	(Worthing ...)	"	55	47	b.c.	b.c.	7.4
	(Malvern ...)	0.19	55	47	b.c.p.	b.c.p.	8.5		(Littlehampton ...)	0.03	"	"	"	"	8.0
Wales.	(Rhyl ...)	0.04	53	39	b.c.p.	b.c.	9.3	England, S.W.	(Southsea ...)	"	56	46	b.c.	b.c.	9.5
	(Colwyn Bay ...)	"	55	46	b.c.	b.c.	9.5		(Ryde ...)	"	55	50	b	b	8.1
England, E.	(Llandudno ...)	0.03	55	44	b.c.	b.c.	10.4	England, S.W.	(Ventnor ...)	0.06	54	44	b.c.	b.c.	9.5
	(Aberystwyth ...)	0.04	52	45	c.b.c.	c.b.c.	4.5	England, S.W.	(Bournemouth ...)	0.10	55	44	b.c.	b.c.	10.2
England, E.	(Tenby ...)	"	"	"	"	"	"		(Weymouth ...)	0.14	57	46	b.c.b.	b.g.	8.0
	(Lowestoft ...)	0.02	60	44	b.c.c.	c.o.	7.9	England, S.W.	(Exmouth ...)	"	57	44	b.c.	b.c.	7.7
England, E.	(Felixstowe ...)	0.04	57	47	b.c.	b.c.	9.2		(Teignmouth ...)	"	"	"	"	"	10.4
	(Walton-on-Naze ...)	0.03	54	47	b.c.c.	b.c.c.	8.9	England, S.W.	(Torquay ...)	0.08	54	45	b.c.	b.c.	9.4
England, E.	(Southend-on-Sea ...)	0.02	56	42	b.c.	b.c.	8.4		(Paignton ...)	"	"	"	"	"	7.8
								England, S.W.	(Falmouth ...)	0.14	54	44	b.g.	b.c.	10.4
									(Bude ...)	0.10	56	45	b.c.	b.c.	9.4
								England, S.W.	(Ilfracombe ...)	0.02	56	46	b.c.b.	b.c.b.	9.4
									(Weston-super-Mare ...)	0.07	57	44	b.p.	b.c.p.	6.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	59	93	10.1	60	42	35	0.10	b	b
City (Bunhill Row) ...	"	"	7.7	"	"	"	"	"	b.c.p.
Westminster (St. James's Pk.)	57	94	8.4	58	46	40	0.03	b.c.	b.c.
Camden Sq. (Brit. Rainfall)	"	92	7.8	60	43	38	0.04	b	b
Hampstead (Reservoir) ...	"	97	8.2	51	47	37	0.05	b	b
Richmond Park ...	"	"	9.3	"	"	"	"	"	b.c.
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
S. Kensington (Roof of M.O.)	-	93	8.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.			Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	In.	F.	F.	F.	b.g.	b.c.	b.c.
Plymouth to 9 p.m.	0.02	57	45	44	b.c.	b.c.	8.4
Darwen "	"	"	"	"	"	"	"
Manchester "	"	"	"	"	"	"	"
Birmingham "	0.13	55	41	38	b.c.	b.c.	8.4
Oxford to 8 p.m.	"	57	44	44	b.c.	b.c.	"
S. Kensington (Museum Grounds to 6 p.m.)	0.10	58	46	39	b.c.b.	b.c.	"

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 55° and upwards in many parts of the British Isles, to 60° at Yarmouth and Lowestoft. Small quantities of rain fell in many localities, but there was bright sunshine at all stations, large amounts in many instances, up to 11 hours at Douglas. A South-Westerly gale was felt over the northern districts of Britain, a strong gale at Nairn. As far west as the 25th meridian ships experienced moderate to strong winds from between S.W. and N., with fine 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; 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-laze, 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

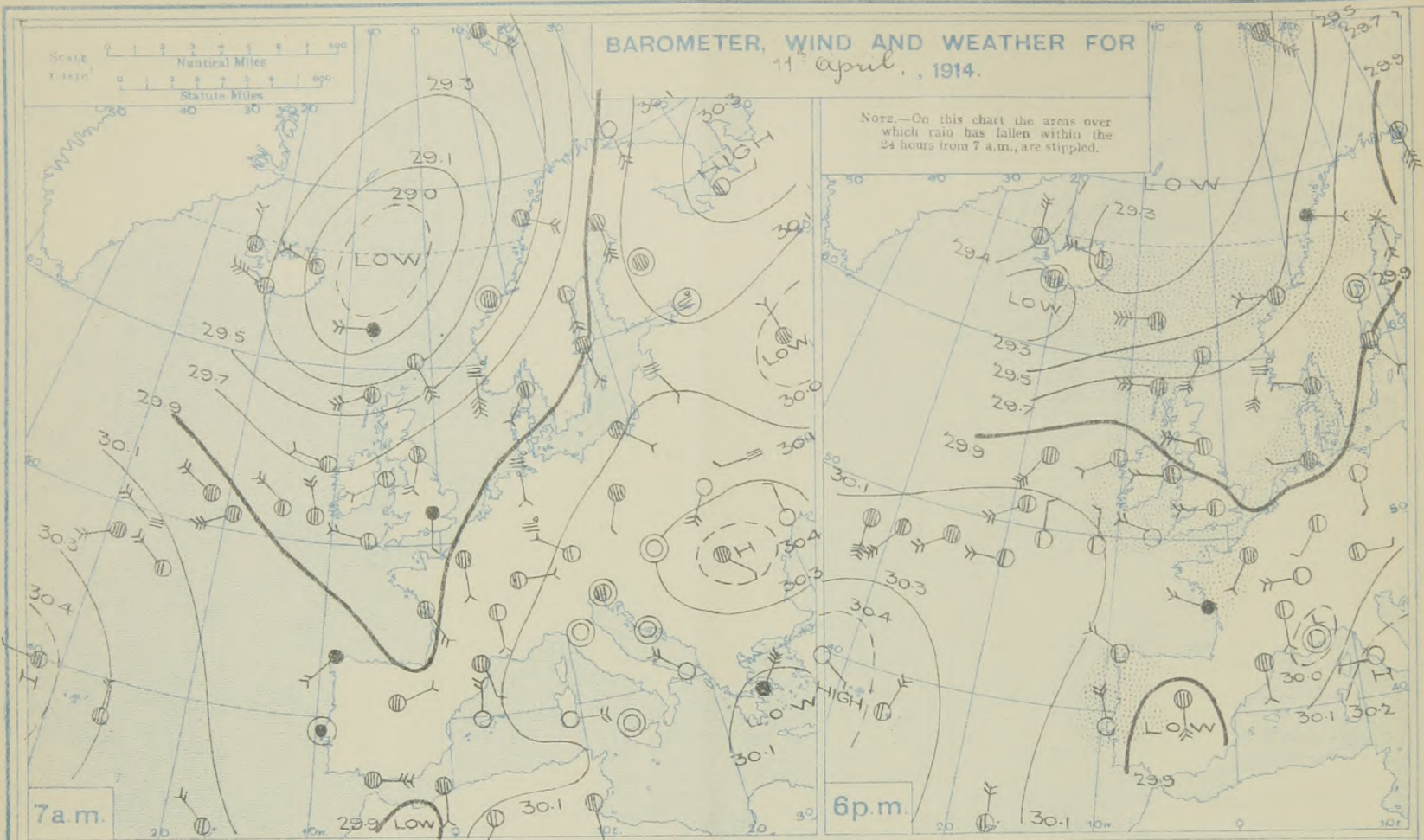


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
12th April, 1914.

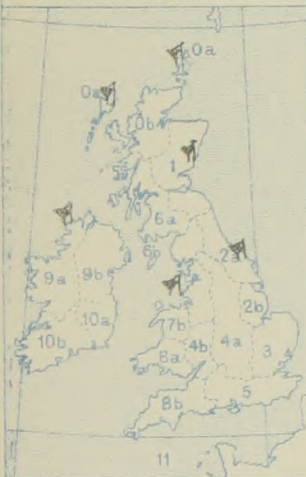
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning	Afternoon	Night.				
BRITISH ISLANDS.	Lerwick ...	29.56	43	SW	5	bc	2.54	-0.8	42	-3	S	5	of	4	0.09	48	39	bcq	chq	chq	7.2			
	Stornoway ...	29.71	44	W	6	opq	2.53	-0.5	45	+5	SW	8	of	6	0.15	47	40	bcphq	bcphq	cpoq	6.1			
	Castlebay (Barra Isd.)	29.79	45	WSW	4	c	2.66	-0.3	47	+4	SW	6	r	6	0.04	47	41	bch, bc	bc, o.c	bc, o.p.r	2.8			
	Glasgow ...	29.83	45	W	3	bc	2.88	-0.3	42	+1	SW	4	o	6	0.01	49	38	c, op, c	c, bc	bc, b, o	1.3			
	Eskdalemuir ...	29.86	44	W	3	bc	2.95	-0.3	39	-2	SW	6	cq	6	0.01	48	30	o, op, o	o, c, bc	bc, o				
	Malin Head...	29.84	46	W	2	b	2.92	-0.8	45	0	WSW	6	o	6	0.05	51	41	bc	bc	omq				
	Blacksod Point	29.94	47	WSW	2	bcv	2.84	-0.2	47	+2	SW	6	opm	5	0.01	50	42	cp, bcv	bcv	bc, omr				
	Valencia ...	30.04	48	WNW	1	bc	3.06	-0.1	48	0	SSW	4	o	4	0.02	51	42	bc	bc	bc, o	8.1			
	Roche's Point	30.00	50	W	4	b	3.10	*	46	+2	SW	3	o	3	0.01	54	39	b, bc, c	cp, bc	b, o				
	Birr Castle ...	29.95	48	W	1	bc	3.02	*	43	+1	SSW	2	c	3	0.01	54	35	cp	bc	bc, c	7.4			
	Donaghadee	29.91	46	W	2	cg	2.96	-0.1	42	+1	SW	3	bc	2	0.02	50	37	cp	cg	cg, bc				
	Liverpool Obsy.	29.89	48	W	4	bc	3.08	0.0	43	0	SW	3	b	3	0.08	53	42	b, bc	b, p, r	cg, b	6.7			
	Holyhead ...	29.92	48	W	3	cg	3.07	0.0	45	-1	SW	4	bcq	3	0.05	53	42	b, bc, cg	b, bc, o	bc, b, bw	7.7			
	Pembroke (St. Ann's Hd.)	29.98	44	W	3	bc	3.05	+0.1	47	+2	SW	3	b	3	0.05	50	45	c, bc	bc	bc, b	10.2			
	Newquay ...	30.00	50	W	3	bc	3.09	+0.3	47	0	W	2	b	3	0.05	52	42	b	bc	bc, bw	10.2			
	Scilly (St. Mary's)	30.01	51	WNW	3	b	3.20	+0.3	47	+1	NW	2	bc	3	0.01	54	42	bc	b	bc, bc	10.3			
	Jersey (St. Aubin)	30.02	52	W	3	b	3.24	*	44	-7	W	2	bm	3	0.01	60	38	bm	bc	bm, bc	6.6			
	Portland Bill	29.98	50	WSW	4	b	3.20	+0.4	47	-3	WSW	2	b	3	0.07	52	45	c, bc	bc	bc				
	Dungeness ...	29.93	50	WSW	3	c	3.19	+0.4	46	-4	W	0	b	3	0.13	52	40	or, p, c	c, bc	bc, bw	*			
	Dover ...	29.93	49	SW	3	bc	3.16	*	50	0	SW	3	bw	2	0.12	51	38	or, o	c, bc	bc, bw	2.5			
	Wick ...	29.70	45	SW	3	b	2.63	-0.6	43	-2	SSW	4	cm, q	5	0.01	49	37	cp, cm	bcq	bc, cg	6.5			
	Nairn ...	29.74	45	WNW	2	bc	2.66	*	45	0	SSW	5	cq	4	0.01	49	35	bcq	bcq	bcq				
Aberdeen ...	29.75	49	WNW	4	bc	2.77	-0.5	42	-6	SSW	4	o	2	0.05	57	38	b, bc, c	bc	bc, b, o	8.7				
Leith ...	29.81	47	W	2	bc	2.85	-0.4	44	-2	WSW	4	c	2	0.05	53	40	cp	c, bc	b, bc	*				
North Shields	29.85	50	WNW	4	bc	2.99	0.0	41	-4	SSW	3	b	2	0.05	56	36	bc	c	c, o, c	3.5				
Spurn Head ...	29.86	48	W	2	bc	3.09	+0.2	44	-1	WSW	4	b	2	0.22	55	41	or	c	b	0.2				
Yarmouth ...	29.86	50	W	3	bc	3.15	+0.3	40	-7	W	2	bc	1	0.21	57	39	o	o, bc	bc, b	1.0				
Clacton-on-Sea	29.89	52	W	4	bc	3.17	+0.8	44	-5	W	2	bm	0	0.13	56	38	agr	or, c, bc	bc, bm	2.3				
Nottingham...	29.92	50	W	2	bc	3.13	*	38	-7	SW	1	bm	*	0.16	54	38	rm	o, c, m	bc, m	1.7				
Bath ...	30.07	52	W	1	b	3.14	*	38	-11	NE	1	b	*	0.06	55	33	b	b	b	?				
London (Kew Obsy.)	29.96	55	W	3	bc	3.20	+0.4	43	-5	W	2	bm	*	0.01	58	38	or, m, c	c, bc	bc, bm	4.0				
ICELAND, FAEROE, &c.	Spitzbergen ...	29.28	35	SSE	5	o	2.15	-0.4	36	+2	SSE	7	r	*	*	36	32							
	Isafjord...	29.41	22	N	5	c	2.09	0.0	20	+1	N	5	c	*	*	*	*							
	Reykjavik ...	29.29	28	NE	3	o	2.75	+0.1	32	+6	W	4	s	1	*	*	*							
	Vestmanna ...	29.26	28	-	0	o	2.83	+0.2	36	+9	W	6	b	*	*	*	*							
	Seydisfjord ...	29.24	28	WNW	5	bc	2.92	-0.5	22	-11	-	0	s	*	*	*	*							
	Thorshavn ...	29.34	40	W	7	o	2.99	-1.3	46	+3	SW	9	r	*	*	*	*							
NORTHERN EUROPE.	Vardö ...	29.66	33	S	8	bc	2.78	-0.5	33	+1	S	4	o	4	0.39	37	32							
	Bodö ...	29.52	41	ESE	2	r	2.95	-0.1	43	+1	ESE	1	b	2	0.08	54	39							
	Christiansund	29.50	44	W	3	c	2.58	0.0	44	-4	SW	3	c	4	0.08	54	41							
	Skudesnaes ..	29.73	42	SSW	6	m	2.82	+0.2	42	-1	WSW	4	b	3	0.08	54	37							
	Færder (X'ania Fjord)	29.80	42	SSW	5	m	2.76	+0.2	44	+2	W	4	b	2	0.16	54	37							
	The Scau (Skagen)...	29.85	46	WNW	1	b	2.82	+0.4	43	0	W	5	o	1	0.16	54	41							
	Blaavands Huk ...	29.82	46	E	1	r	3.01	+0.7	44	-2	W	4	o	3	0.32	52	44							
	Haparanda ...	29.86	33	S	4	s	2.70	-0.4	34	0	S	2	o	*	0.39	37	32							
	Hernösand ...	29.75	38	-	0	b	2.63	-0.4	35	-2	-	0	b	*	0.08	54	30							
	Stockholm ...	29.90	46	SSE	2	o	2.69	-0.8	43	-1	SE	2	o	*	0.32	54	23							
CENTRAL EUROPE.	Wisby ...	29.97	47	S	2	b	2.70	-0.1	46	0	WSW	6	c	*	0.32	54	45							
	Karlstad ...	29.86	45	SW	2	c	2.69	0.0	42	+2	WSW	2	b	*	0.16	52	39							
	St. Petersburg ...	30.16	41	S	1	o	3.08	-0.4	37	+3	SE	2	o	*	*	28								
	Berlin ...	29.97	65	S	1	b	3.07	+0.4	56	+6	SW	4	c	*	0.08	72	54							
	Frankfurt ...	30.06	66	SW	1	bc	3.08	+0.6	52	+2	W	0	m	*	0.08	72	50							
	Munich ...	30.06	55	E	1	bc	3.22	+0.5	52	+7	SW	3	b	*	0.08	64	46							
	Vienna ...	30.11	52	SSE	1	c	3.21	+0.5	45	+3	-	0	b	*	0.08	64	42							
	Cuxhaven ...	29.87	52	W	1	o	3.09	+0.9	48	0	W	2	b	0	0.12	59	45							
	The Helder ...	29.86	51	SSW	3	c	3.15	+0.6	48	-1	SW	2	b	1	0.16	57	46							
	Brussels ...	30.00	55	WSW	1	o	3.25	+0.8	48	-6	-	0	o	*	0.16	67	43							
FRANCE.	C. Gris Nez...	29.96	49	WSW	5	b	3.21	+0.6	47	-5	W	2	b	2	0.20	54	45							
	La Hève ...	30.03	50	NW	2	bc	3.23	*	46	-6	-	0	c	1	0.20	52	45							
	Ushant...	30.12	54	NW	1	b	3.23	*	49	-	NNW	1	bc	3	0.12	55	45							
	Brest (St. Mathieu)	30.06	53	NNW	3	bc	3.24	+0.4	50	+2	NE	2	bc	3	0.12	57	48							
	Rochefort (Ile d' Aix)	30.02	53	NW	3	r	3.12	+0.1	52	-1	NNE	3	o	*	0.12	61	52							
	Biarritz ...	29.98	55	W	3	o	3.06	+0.2	54	-7	SW	3	o	4	0.12	63	52							
	Paris ...	30.00	60	SSW	2	o	3.22	+0.4	49	0	NNE	2	c	*	0.08	67	46							
	Belfort ...	30																						





**PILOT BALLOON ASCENTS for the PAST WEEK.**  
Component Velocities to East and to North in Metres per Second.

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

Signals hoisted yesterday. Signals hoisted this morning.

South Cone. North Cone.

South Cone hoisted at 8.50 a.m. in Districts 0, 1, 2, 7, 8, 9.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

		Station	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.
			5. Farnborough	5. Farnborough	8. Farnborough	9. Farnborough										
1	a	Date and Hour	8th 7h	9th 7h												
2	a	Heights in Kilometres	6.0	+13	-11											
3	a		5.0	+11	-11											
4	a		4.0	+11	-10											
5	a		3.0	+8	-6											
6	a		2.0	+7	-3											
7	a		1.0	+7	-3	+12	+12									
8	a		0.5	+8	-3	+8	+13									
9	a		Ground	+2	0	0	+4									
10	a	Station														
11	a	Date and Hour														
12	a	Heights in Kilometres														
13	a															
14	a															
15	a															
16	a															
17	a															

Millibars

1050

1040

1030

1020

1010

1000

990

980

970



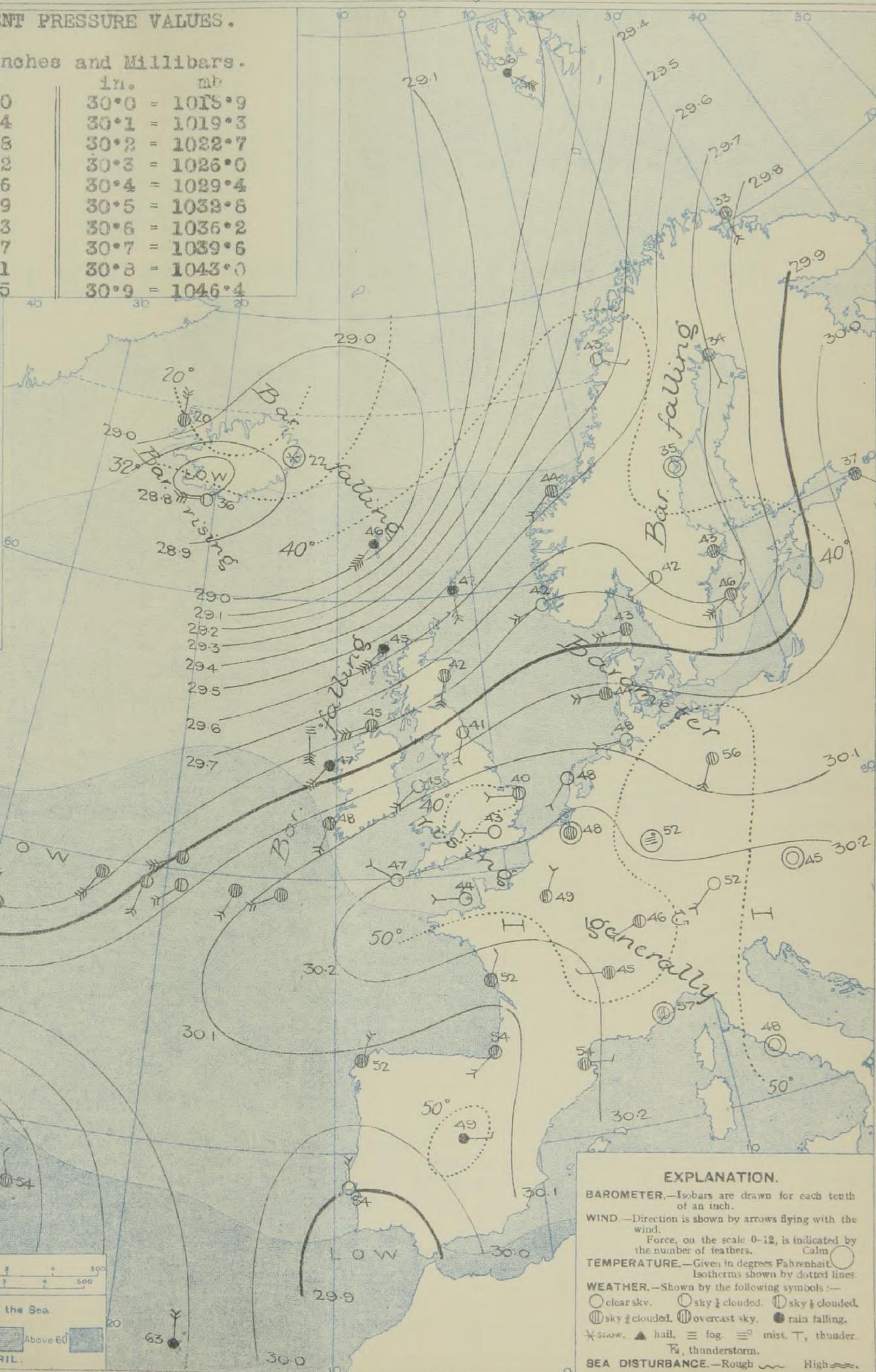
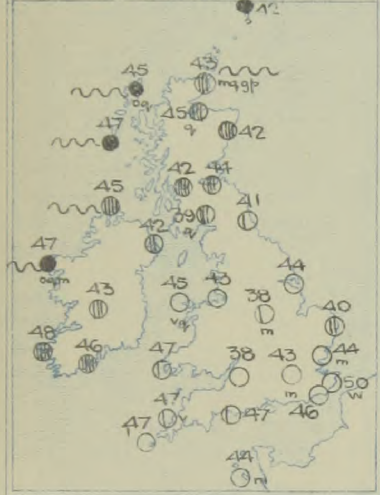
# SYNOPTIC CHART FOR 7 a.m., Sunday, 12<sup>th</sup> APRIL, 1914.

## EQUIVALENT PRESSURE VALUES.

Mercury Inches and Millibars.

in.	mb.	in.	mb.
29.0	= 982.0	30.0	= 1015.9
29.1	= 985.4	30.1	= 1019.3
29.2	= 988.8	30.2	= 1022.7
29.3	= 992.2	30.3	= 1026.0
29.4	= 995.6	30.4	= 1029.4
29.5	= 998.9	30.5	= 1032.8
29.6	= 1002.3	30.6	= 1036.2
29.7	= 1005.7	30.7	= 1039.6
29.8	= 1009.1	30.8	= 1043.0
29.9	= 1012.5	30.9	= 1046.4

TEMPERATURE, WEATHER AND  
SEA DISTURBANCE.



## EXPLANATION.

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

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

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

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

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

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

⊖ sky 1/2 clouded. ⊖ overcast sky. ● rain falling.

✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

⊖, thunderstorm.

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

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

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



## DAILY WEATHER REPORT.

Sunday, 12th April, 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 7 a.m.	47	29	Mount Royal	H	29.80	.00	WNW	4-5	o	12th 7 a.m.	55	10	Caledonia	H	29.85	.05	SSW	8-9	m
" "	49	20	Ausonia	H	30.02	-.02	SSW	4-5	c	11th 6 p.m.	47	30	Olympic	O	29.92	-.15	S	8-9	o
" "	49	19	Sicilian	H	30.15	+.02	SW	4-5	bc	" "	48	28	Mauretania	H	30.24	+.13	SW	6-7	c
" "	50	19	Alacunia	O	29.94	-.04	WSW	6-7	o	" "	48	24	Ausonia	H	30.14	-.03	SW	4-5	c
" "	50	19	Mauretania	H	29.90	-.03	SW	6-7	o	" "	48	23	Sicilian	H	30.29	-.01	WSW	4-5	o
" "	49	15	Mesaba	O	30.13	-.03	SW	4-5	o	" "	48	19	Vaderland	H	30.19	-.02	W	4-5	bc
" "	49	13	Vaderland	H	30.16	.00	WSW	4-5	o	" "	51	18	Cedric	O	30.15	-.05	WSW	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.	F. °	F. °			Hr.	Margate ...	In.	F. °	F. °				Hr.
	St. Andrews ...							Ramsgate ...							
Eng. N.E.	Harrogate ...	0.01	54	40	o.c.bc	bc.b	3.2	Folkestone ...	0.07	51	48	b.o	o.bc	1.7	
	Scarborough ...	"	"	"	"	"	"	Hythe ...	0.13	57	41	o.cr	b	2.6	
	Skegness ...	0.19	51	45	or	r.b	0.3	Littlestone ...	"	"	"	"	"	3.2	
Eng. N.W.	Morecambe ...	"	52	43	bc.b	b.bc.o	7.2	Hastings ...	0.16	54	47	or.o	bc.b	4.1	
	Blackpool ...	"	"	"	"	"	"	Bexhill-on-Sea ...	0.10	"	48	or	b	4.7	
	Southport ...	"	53	42	bc.c	b.o.c.o	7.0	Eastbourne ...	0.20	53	47	oe	bc.b	4.4	
Mid- lands.	Buxton ...	0.20	50	40	bc	bc.o	2.1	Seaford ...	0.15	53	45	r	r.b	4.6	
	Leamington Spa ...	0.38	56	44	or	bc	3.6	Brighton ...	0.20	56	48	or.c	c.bc.b	4.8	
	Malvern ...	0.44	55	44	r.c.bc	bc.b	4.7	Worthing ...	0.02	57	45	r.o	bc.b	4.4	
Wales.	Rhyl ...	0.70	54	44	c.bc	bc.c	5.0	Littlehampton ...	0.14	"	"	"	"	3.6	
	Colwyn Bay ...	"	"	"	"	"	"	Southsea ...	0.09	57	47	c.bc	bc	6.7	
	Llandudno ...	"	"	"	"	"	"	Ryde ...	"	"	"	"	"	"	
	Aberystwyth ...	"	51	43	o.c	o.bc	7.3	Ventnor ...	"	"	"	"	"	"	
England, E.	Tenby ...	0.25	53	49	b	b.bc	6.5	Bournemouth ...	0.05	57	46	r.o	c.bc	4.0	
	Lowestoft ...	"	"	"	"	"	"	Weymouth ...	0.05	57	48	cp.b	b	6.1	
	Felixstowe ...	0.14	56	47	omr	bc	2.2	Exmouth ...	"	"	"	"	"	"	
England, E.	Walton-on-Naze ...	0.19	55	47	op.o	o.c.bc	1.9	Teignmouth ...	0.16	59	45	c.bc	bc	8.0	
	Southend-on-Sea ...	0.02	57	45	p	c.bc	2.2	Torquay ...	"	"	"	"	"	"	
								Paignton ...	0.13	58	45	bc.p	bc	7.8	
								Falmouth ...	0.66	55	42	c.b	bc	8.8	
								Bude ...	"	"	"	"	"	"	
								Ilfracombe ...	0.85	53	44	c.bc.b	b.bc	8.5	
								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.		Fore- noon.	After- noon.	Night.		
				Max.	Min.							
	24 HOURS ENDED 9 A.M. TO-DAY.											
	%	%		Hr.	F. °	F. °	F. °	in.				
Greenwich (Royal Obsy.) ...	65	69	3.9	61	39	38	—	or.o	o.bc	bc		
City (Bunhill Row) ...	*	*	3.4	*	*	*	*	*	*	*		
Westminster (St. James's Pk.)	72	83	4.0	59	38	33	—	o.bc	bc	bc.b		
Camden Sq. (Brit. Rainfall)	63	66	4.5	60	38	32	—	o.c	bc.b	*		
Hampstead (Reservoir) ...	*	56	4.2	57	37	32	—	b	bc	bc		
Richmond Park ...	*	*	4.4	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.)	72	79	3.2	770 Joules		158 Milli-watts.		735 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.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	0.09	53	42	40	bc	cp	c.b	*
Plymouth to 9 p.m.	0.24	56	44	38	bc	ov	bc	6.7
Darwen "	0.01	52	38	39	bcp	bc	bc	4.5
Manchester "	0.12	53	44	*	bc.or	c.or.c	or.bc	
Birmingham "	0.27	54	42	39	r	r	c	3.1
Oxford to 8 p.m.	*	56	44	41	b.op	op.c	c.bc	*
S. Kensington (Museum Grounds to 6 p.m.)	0.03	59	46	35	r.or	o.c	bc.c	*

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

12th-13th Apr. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.4	11.54	6.43
	5.2	11.54	6.45
Greenwich ...	5.44	12.1	6.48
	5.2	12.1	6.50
Wick ...	5.11	12.13	7.14
	5.9	12.13	7.17
Valencia ...	5.54	12.42	7.30
	5.52	12.42	7.32

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose above 55° at a number of southern stations, to 60° at Jersey. Rain fell in most places, but as a rule the amounts were very small. All stations had some sunshine, as much as 10½ hours at Pembroke, Newquay and Scilly. As far west as the 30th meridian ships experienced Southerly to Westerly winds, moderate to a gale, with fair to dull weather.

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

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
13th April, 1914.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	29.39	47	SSW	6	ofy	29.53	+0.05	45	+3	WSW	2	c	2	0.73	47	41	ofy	ofy	ofy	0.0	
	Stornoway ...	29.45	50	SW	8	ofy	29.58	+0.03	45	0	SW	5	cg	4	0.54	50	45	ofy	ofy	or. cpg	0.0	
	Castletown (Barra Isd.)	29.55	48	SW	6	r	29.65	+0.03	46	-1	WSW	4	c	4	0.27	48	44	r	r	r. o	0.0	
	Glasgow ...	29.75	47	SW	5	ofy	29.73	0.00	44	+2	SW	4	od	4	0.16	48	41	ofy	ofy	ofy	0.0	
	Eskdalemuir ...	29.87	43	SSW	6	ofy	29.80	-0.02	43	+4	SSW	6	ofy	4	0.14	48	43	ofy	ofy	ofy	0.0	
	Malin Head...	29.65	50	SSW	7	o	29.71	+0.05	45	0	WSW	3	o	3	0.18	52	43	ofy	ofy	ofy	0.0	
	Blacksod Point ...	29.71	49	SW	7	ofy	29.80	+0.06	46	-1	WSW	3	om	3	0.62	51	39	ofy	ofy	ofy	0.0	
	Valencia ...	29.43	50	S	5	oz	29.93	+0.04	47	-1	W	4	om	5	0.37	52	46	o	oz	or	0.2	
	Roche's Point ...	30.03	50	SW	5	c	29.94	0.00	49	+3	SW	4	o	4	0.03	53	46	c o	c o	c o	0.0	
	Birr Castle ...	29.89	50	S	3	c	29.86	0.00	45	+2	W	1	o	1	0.24	52	42	c	c	cg. or. d	0.2	
	Donaghadee ...	29.83	53	WSW	5	cg	29.89	+0.03	45	+3	WSW	3	orm	3	0.34	54	42	cg	cg	cg. or	0.0	
	Liverpool Obsy. ...	30.02	48	SW	5	bc	29.98	+0.01	46	+3	SW	3	c	3	0.54	43	43	b	b	b	0.0	
	Holyhead ...	29.99	48	SSW	7	cg	29.94	0.00	48	+3	SSW	5	cg	5	0.52	45	45	b	b	b	0.0	
	Pembroke (St. Ann's Hd.)	30.10	48	SW	4	bc	30.03	+0.01	47	0	SW	5	cg	4	Trace	50	46	b	b	b	0.0	
	Newquay ...	30.13	51	W	2	b	30.05	+0.02	46	-1	W	0	b	3	0.53	37	37	tr	tr	tr	0.0	
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	30.15	51	SSW	2	b	30.06	+0.03	47	0	WSW	2	bc	3	0.54	44	44	b	b	b	0.0	
	Jersey (St. Aubin) ...	30.18	55	NW	1	b	30.07	0.00	53	+4	ESE	1	b	2	Trace	53	46	b	b	b	0.0	
	Portland Bill ...	30.16	49	SW	1	b	30.05	+0.02	49	+2	ESE	1	b	2	Trace	53	46	b	b	b	0.0	
	Dungeness ...	30.20	50	SW	3	b	30.12	-0.01	46	0	N	1	b	1	0.53	39	39	b	b	b	0.0	
	Dover ...	30.15	48	SW	4	b	30.07	0.00	51	+1	W	0	b	0	Trace	53	39	b	b	b	0.0	
	Wick ...	29.49	49	SSW	5	o	29.59	+0.02	46	+3	SW	2	cg	2	0.02	49	42	cg	cg	cg	0.0	
	Nairn ...	29.54	50	SW	6	o	29.62	0.00	48	+3	W	3	orm	3	0.03	55	43	cg	cg	cg	0.0	
	Aberdeen ...	29.61	50	SW	7	o	29.66	+0.01	47	+5	SSW	2	c	3	0.04	50	42	ofy	ofy	ofy	0.0	
	Leith ...	29.74	52	SW	5	o	29.73	0.00	47	+3	SSW	4	c	3	Trace	53	43	cg	cg	cg	0.0	
	North Shields ...	29.91	50	SSW	4	c	29.87	0.00	48	+7	SSW	4	c	2	0.56	41	41	c	c	c	0.0	
	Spurn Head ...	30.01	52	SW	3	bc	30.00	0.00	44	0	SW	4	bc	2	0.57	39	39	b	b	b	0.0	
	Yarmouth ...	30.11	56	S	2	bc	30.09	0.00	44	+4	SW	2	bm	1	0.61	38	38	b	b	b	0.0	
	Clacton-on-Sea ...	30.12	54	SSW	3	b	30.10	0.00	48	+4	SSE	2	b	1	0.55	44	44	b	b	b	0.0	
	Nottingham ...	30.06	53	SW	1	b	30.04	0.00	38	0	SW	1	b	1	0.58	35	35	b	b	b	0.0	
	Bath ...	30.04	55	W	2	b	30.06	0.00	42	+4	SE	1	m	1	0.59	33	33	b	b	b	0.0	
London (Kew Obsy.) ...	30.14	57	SW	2	b	30.11	-0.01	40	-3	W	0	fw	0	0.59	37	37	b	b	b	0.0		
NORTHERN EUROPE.	Spitzbergen ...	29.04	37	SSE	4	o	28.94	0.00	37	+1	SSE	4	o	4	0.37	34	34	o	o	o	0.0	
	Isafjord ...	29.11	21	N	7	o	29.39	+0.05	20	0	N	7	b	0	0.47	45	36	o	o	o	0.0	
	Reykjavik ...	28.89	38	NE	3	o	29.18	+0.09	29	-3	N	3	b	0	0.48	43	41	o	o	o	0.0	
	Vestmanna ...	28.90	38	W	1	b	29.08	+0.13	35	-1	W	0	b	1	0.48	43	41	o	o	o	0.0	
	Seydisfjord ...	29.00	30	NE	3	o	29.28	+0.07	25	+3	N	1	c	1	0.48	43	41	o	o	o	0.0	
	Thorshavn ...	29.20	44	W	4	c	29.30	+0.02	42	-4	WSW	5	c	4	0.46	43	43	o	o	o	0.0	
	Vardö ...	29.62	34	S	4	o	29.39	-0.04	34	+1	N	6	o	4	0.47	45	36	o	o	o	0.0	
	Bodö ...	29.28	42	SE	2	bc	29.29	+0.06	40	-3	SW	6	c	4	0.47	45	36	o	o	o	0.0	
	Christiansund ...	29.36	46	SW	5	o	29.47	+0.04	41	-3	W	0	r	4	0.48	43	41	o	o	o	0.0	
	Skudesnaes ...	29.71	42	SSW	6	o	29.74	0.00	42	0	SSW	6	r	4	0.28	43	41	o	o	o	0.0	
	Færder (X'ania Fjord)	29.77	42	SW	6	o	29.76	+0.02	43	-1	SW	6	c	3	0.45	43	41	o	o	o	0.0	
	The Scaw (Skagen)...	29.91	44	WSW	5	o	29.89	+0.01	48	+5	WSW	4	bc	1	0.48	41	41	o	o	o	0.0	
	Blaavands Huk ...	30.07	45	SW	4	o	30.03	+0.01	46	+2	SSW	4	b	3	0.46	43	43	o	o	o	0.0	
	Haparanda ...	29.57	34	S	2	f	29.43	-0.01	33	-1	SSW	6	f	4	Trace	36	32	o	o	o	0.0	
	Hernösand ...	29.57	40	SW	2	bc	29.52	+0.02	43	+8	W	0	b	4	0.48	30	30	o	o	o	0.0	
Stockholm ...	29.74	37	WSW	2	o	29.74	+0.04	44	+1	WSW	2	o	4	0.52	39	39	o	o	o	0.0		
CENTRAL EUROPE.	Wisby ...	29.85	41	W	2	b	29.93	+0.01	46	0	SW	6	b	4	0.16	50	37	o	o	o	0.0	
	Karlstad ...	29.78	44	W	4	c	29.79	+0.02	45	+3	WSW	4	o	4	0.52	39	39	o	o	o	0.0	
	St. Petersburg ...	29.63	40	SE	3	r	29.71	+0.06	35	-2	WSW	2	f	4	0.24	35	35	o	o	o	0.0	
	Berlin ...	30.13	56	NW	1	b	30.23	+0.03	46	-10	S	1	b	4	Trace	61	41	o	o	o	0.0	
	Frankfurt ...	30.19	59	W	0	o	30.19	-0.01	54	+2	N	1	b	4	0.57	46	46	o	o	o	0.0	
	Munich ...	30.17	58	W	0	c	30.21	+0.01	53	+1	S	1	b	4	0.66	46	46	o	o	o	0.0	
	Vienna ...	30.14	55	WSW	1	b	30.23	+0.02	54	+9	NW	1	b	4	0.66	45	45	o	o	o	0.0	
	Cuxhaven ...	30.17	48	W	2	b	30.13	0.00	50	+2	S	2	b	4	0.52	39	39	o	o	o	0.0	
	The Helder ...	30.15	49	SSW	3	c	30.13	+0.01	47	-1	S	1	b	4	0.54	37	37	o	o	o	0.0	
	Brussels ...	30.19	52	NNE	1	b	30.13	+0.01	56	+8	SW	1	c	4	0.63	46	46	o	o	o	0.0	
	C. Gris Nez ...	30.17	50	WSW	1	b	30.10	-0.01	50	+3	ESE	1	b	4	0.55	45	45	o	o	o	0.0	
	La Hève ...	30.20	49	NE	2	bc	30.08	0.00	51	+5	SE	4	bc	2	0.57	46	46	o	o	o	0.0	
	Ushant ...	30.15	54	NE	2	b	30.03	0.00	50	+1	NE	1	c	3	0.55	46	46	o	o	o	0.0	
	Brest (St. Mathieu) ...	30.16	54	NW	2	b	30.07	+0.03	49	-1	E	1	o	3	0.59	48						



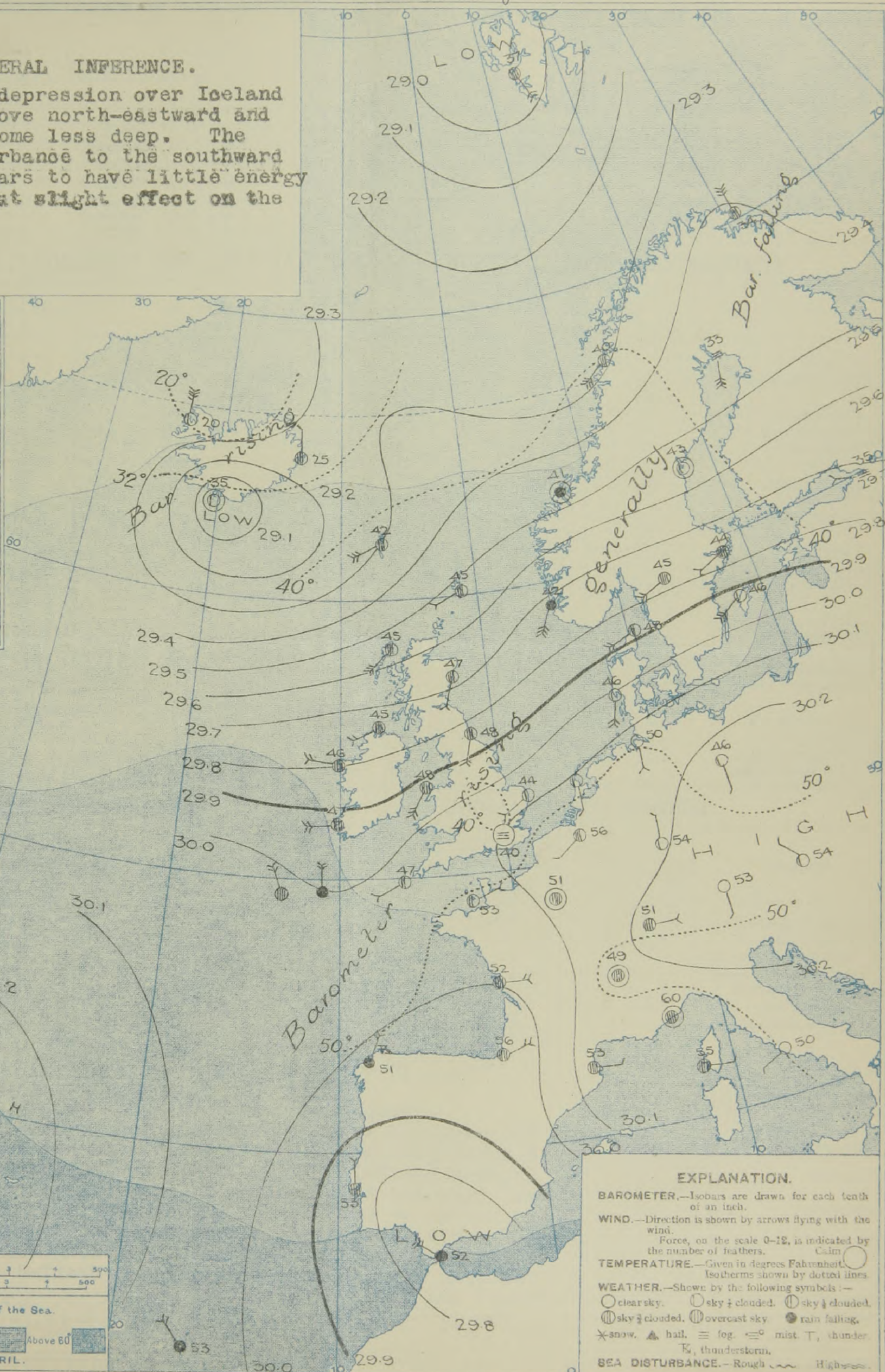
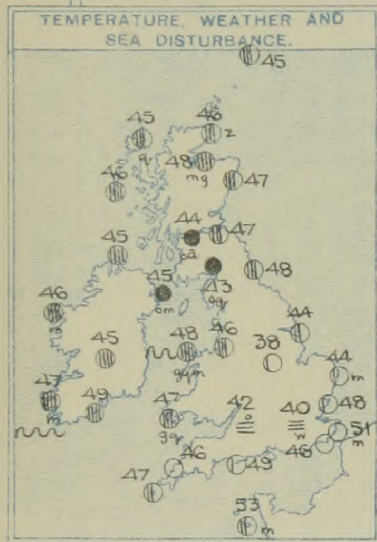




# SYNOPTIC CHART FOR 7 a.m., Monday, 13<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

The depression over Iceland will probably move north-eastward and continue to become less deep. The secondary disturbance to the southward of Ireland appears to have little energy and will have but slight effect on the weather.



## EXPLANATION.

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

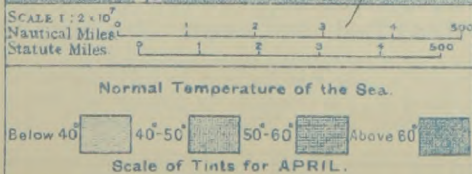
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

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

○ clear sky. ○ sky ½ clouded. ○ sky ¾ clouded. ○ sky ¾ clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

**SEA DISTURBANCE.**—Rough. 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.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.		
13th. 7am.	49	12	Sicilian	I	In.	In.	(0-12).			12th. 6pm.	49	15	Sicilian	H	In.	In.	(0-12).			
" "	49	12	Ausonia	I	30.13	+0.09	NNW	4-5	c	" "	50	14	Mauretania	H	30.02	-0.02	SW	6-7	c	
" "	49	10	Lapland	O	30.04	+0.04	NNW	4-5	e	" "	50	14	Lusitania	O	29.86	-0.01	SW	6-7	m	
12th. 6pm.	48	27	Cedric	O	30.00	-0.00	N	4-5	r	" "	50	14	California	O	29.80	-0.02	SW	8-9	o	
" "	48	26	Mount Royal	I	30.21	+0.09	NW	6-7	c	" "	54	12	New York	O	29.45	-0.01	W	6-7	r	
" "	49	23	Alania	O	30.04	+0.04	NNW	4-5	c	" "	49	11	Vaderland	O	30.28	-0.03	WSW	1-3	b	
" "	49	16	Ausonia	H	29.97	+1.0	NW	6-7	bc	" "	49	9	California	H	30.13	-0.03	SSW	4-5	6	
" "	49	16	Ausonia	H	29.89	-0.02	SSW	4-5	r	" "	1pm.	55	10	California	O	29.49	-0.06	SW	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.	
		In.	F. °	F. °			Hr.			In.	F. °	F. °			Hr.
Scot- land.	Oban ... ..	...			*	*		England, S.E.	Margate ... ..	...	61	39	b	b	11.4
	St. Andrews ... ..	...							Ramsgate ... ..	...	58	38	b	b	11.5
Eng. N.E.	Harrogate ... ..	...	56	35	b	b, bc	10.0	Folkestone ... ..	...	54	42	b	b	10.8	
	Scarborough ... ..	...	57	37	bc	bc	10.2	Hythe ... ..	...	*	*	*	*	11.6	
	Skewness ... ..	...	58	35	bc, b	bc	10.9	Littlestone ... ..	...	*	*	*	*	11.6	
	Douglas ... ..	...	50	38	bq	cq	4.0	Hastings ... ..	...	54	44	b	b	12.2	
Eng. N.W.	Morecambe ... ..	...						Bexhill-on-Sea ... ..	...	55	40	b	b	12.2	
	Blackpool ... ..	...	53	43	b, bc	o, c	7.2	Eastbourne ... ..	...	53	38	b	b	12.0	
	Southport ... ..	...	55	39	b, bc, c	c, o	7.2	Seaford ... ..	...						
Mid- lands.	Buxton ... ..	0.04	53	35	b	b	11.5	Brighton ... ..	...	55	38	b	b	12.3	
	Leamington Spa ... ..	...	57	38	b	b	8.7	Worthing ... ..	...	56	35	b	b	11.8	
	Malvern ... ..	...	56	42	b	b	10.0	Littlehampton ... ..	...	*	*	*	*	11.0	
								Southsea ... ..	...	57	37	b	b	12.0	
Wales.	Rhyl ... ..	...	52	36	bc	bc, c, bc	8.0	Ryde ... ..	...	56	?	b	b	11.0	
	Colwyn Bay ... ..	...	55	40	b	b, bc	9.8	Ventnor ... ..	...	56	41	*	*	11.5	
	Llandudno ... ..	...	54	40	b	b, bc	7.4	Bournemouth ... ..	...	57	35	b	b	11.8	
	Aberystwyth ... ..	...	51	42	bc, b	bc, b	10.4	Weymouth ... ..	...	57	36	bc, b	b	11.0	
England, E.	Tenby ... ..	...						Exmouth ... ..	...						
	Lowestoft ... ..	...	61	39	b, bc	bc, c	10.6	Teignmouth ... ..	...	61	38	b	b	11.5	
	Felixstowe ... ..	...	57	39	b	b, bc	12.0	Torquay ... ..	...	60	39	b	b	10.1	
	Walton-on-Naze ... ..	...	53	40	bm, b	b	12.0	Paignton ... ..	...	59	37	b	b	9.8	
	Southend-on-Sea ... ..	...	60	40	b	b	12.0	Falmouth ... ..	...	57	42	b	b	11.7	
							Bude ... ..	...	56	39	b	b	10.8		
							Ilfracombe ... ..	...	53	42	b	b	11.5		
							Weston-super-Mare ... ..	...	56	42	b	b	11.1		

## 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.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	50	70	12.0	62	36	25	In.	b	b, bc
City (Bunhill Row)	-	-	-	-	-	-	-	-	-
Westminster (St. James's Pl.)	-	-	-	-	-	-	-	-	-
Camden Sq. (Brit. Rainfall)	-	63	10.2	62	38	31	bm, b	b	-
Hampstead (Reservoir)	-	81	10.6	59	36	28	b, bc	bc	o
Richmond Park	-	-	11.6	-	-	-	-	-	-
Kew. (See front page.)	-	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)				Total.	Average Rate.		Max. Rate.		
				Joules	Milliwatts.		Milliwatts.		
				11.3					

## 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.	Trace	55	40	38	bc	cp	c	*
Plymouth to 9 p.m.								
Darwen								
Manchester								
Birmingham	-	57	38	33	*	b	b	11.6
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	-	60	40	28	b, bc	bc	bc, b	*

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

13th. & 14th. Apr. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.2 4.59	G.M.T. 11.54 11.53	G.M.T. 6.45 6.47
Greenwich	5.12 5.9	12.1 12.0	6.50 6.52
Wick	5.9 5.6	12.13 12.13	7.17 7.20
Valencia	5.52 5.49	12.42 12.41	7.32 7.34

**NOTES ON YESTERDAY'S WEATHER.**  
Temperature rose to about 60° at some stations in the east and south of England, and to above 55° over the Kingdom generally. Much bright sunshine was recorded in England and Wales, very little in Ireland and Scotland. Rain was measured this morning at many places in the extreme west and north, as much as 0.7 in. at Lerwick. The wind rose to gale force for a time in some parts of Scotland. According to wireless reports a moderate to strong South-Westerly to North-Westerly wind, a gale in places, prevailed between the Irish coast and 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

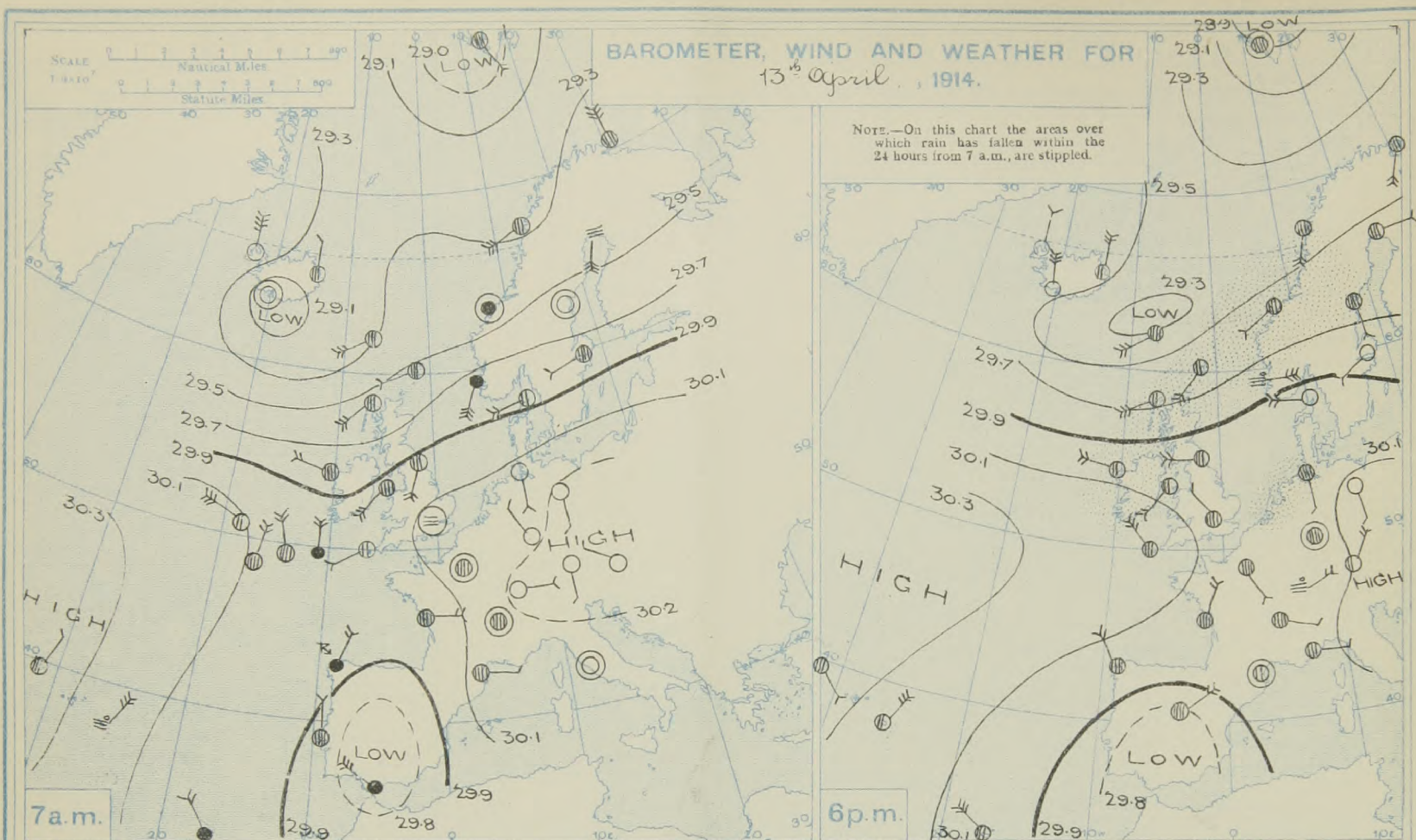


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
14th April, 1914.

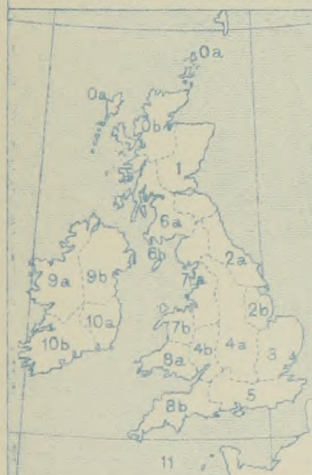
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°.	Temp.	WIND.		Weather.	M.S.L. Lat. 45°.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
				Direc.	Force 0-12.						Direc.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	In.	F.				In.		F.						In.	F.	F.					Hours.			
	Lerwick ...	29.57	44	SW	4	bc	29.64	+11	42	-3	WNW	4	bcq	3	0.12	50	39	c	op.bc	bcphq	6.6			
	Stornoway ...	29.68	44	WSW	6	bc	30.07	+15	42	-3	NW	6	bcq	5	0.13	48	37	c.baq	bcphq	bcphq	6.0			
	Castletown (Barra Isd.)	29.82	45	WSW	6	bc	30.16	+12	43	-3	NW	5	o	5	0.05	47	39	o.bc	bcphq	bcphq	6.0			
	Glasgow ...	29.90	42	W	4	b	30.11	+09	40	-4	WSW	3	b	4	0.12	48	38	o.crhq	chp.bc	bhp.cq	3.8			
	Eskdalemuir ...	29.95	43	W	4	bc	30.17	+06	39	-4	W	5	bc	4	0.38	47	37	org	omr	bc.b	1.3			
	Malin Head...	29.93	45	WNW	6	bc	30.19	+09	43	-2	WNW	4	c	3	0.11	48	40	bcq	cmq	cmq	4.0			
	Blacksod Point	30.07	48	WNW	4	bc	30.33	+08	43	+2	NW	3	bcq	3	0.07	50	42	bcmq	bcp	bcp	4.0			
	Valencia ...	30.23	49	WNW	4	bc	30.44	+05	47	0	WNW	3	bc	4	Trace	51	46	bcm	bcp	bc	9.0			
	Roche's Point ...	30.18	50	WNW	4	b	30.43	0	46	-3	NW	3	b	3	0.06	54	41	o.cq	c.b.c.b	b	4.0			
	Birr Castle ...	30.11	49	W	2	c	30.34	0	45	0	W	2	c	4	0.06	52	39	cp	eph	eph	5.5			
	Donaghadee ...	30.01	50	W	4	bcq	30.22	+05	42	-3	W	3	bc	3	0.07	53	40	cqp	bcq	bcq	4.0			
	Liverpool Obsy. ...	30.06	48	W	4	bc	30.26	+04	45	-1	WSW	5	bcq	4	Trace	54	42	bc	bcp	bcq	6.5			
	Holyhead ...	30.06	49	SW	3	bcq	30.27	+06	45	-3	W	5	bq	4	0.18	50	44	o.cmr	r.bcp.b	bc.c.b	2.1			
	Pembroke (St. Ann's Hd.)	30.13	48	WNW	3	c	30.39	+08	47	0	NW	4	b	4	Trace	50	45	cg.c	c	c.b.c	2.5			
	Newquay ...	30.10	47	W	4	c	30.40	+07	48	+2	N	6	c	5	Trace	54	46	a.b.c.b	b.b.c	c	7.5			
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	30.17	49	WNW	5	c	30.41	+04	47	0	N	4	bc	4	0.04	55	45	c.b.c	b.c.c	bc	6.0			
	Jersey (St. Aubin) ...	30.07	55	WNW	2	ogm	30.35	0	49	-4	N	3	o	3	0.04	61	47	bc.c.m	ogm	c.o	3.3			
	Portland Bill ...	30.08	50	WNW	1	c	30.35	+07	45	-4	WNW	4	bc	3	0.04	52	43	bc.c.o	o	c.b.c	4.0			
	Dungeness ...	30.06	53	SW	1	c	30.29	+08	46	0	NW	3	c	2	0.04	56	39	bc	c	c.b.c	2.0			
	Dover ...	30.01	58	W	0	cq	30.24	0	46	-5	NW	3	c	2	Trace	63	42	bm	bc.cq	c.c.c	2.0			
	Wick ...	29.69	45	WSW	4	bc	29.86	+11	42	-4	WNW	5	cpq	4	0.04	52	35	cpq	cg.bq	bcq	3.3			
	Nairn ...	29.75	46	W	3	bcq	30.00	0	42	-6	WNW	3	cg	4	0.07	52	36	cp	cg.bq	bcq	3.3			
	Aberdeen ...	29.77	50	WSW	4	b	29.96	+06	44	-3	WNW	6	b	3	Trace	55	38	c.op	o.c.b	bq	2.4			
	Leith ...	29.86	48	WSW	4	b	30.07	+05	43	-4	WSW	3	bc	4	0.03	52	40	c.op	op.bc	ep.bc	6.3			
	North Shields ...	29.96	50	W	4	c	30.11	+04	43	-5	WSW	4	b	2	0.03	56	41	bc	o.c	c.o.c	6.3			
	Spurn Head ...	29.97	51	WNW	5	c	30.16	+05	44	0	WNW	5	bc	4	0.03	58	39	bc	c	c.b	11.0			
	Yarmouth ...	30.03	52	S	1	o	30.23	+03	42	-2	W	2	bc	1	0.04	63	40	bc	bc.o	o.b.c	8.7			
	Clacton-on-Sea ...	30.03	53	SE	1	o	30.26	+07	43	-5	WNW	3	bc	1	0.04	56	41	b.b.c	bc.c.o	o.c.b.c	8.4			
	Nottingham ...	30.04	54	W	5	o	30.26	0	40	+2	WSW	1	bc	1	Trace	60	34	b	bc.o	op.c.b	10.1			
	Bath ...	30.06	55	W	1	bc	30.37	0	49	+7	W	2	bc	1	0.04	59	36	bc	bc	bc	11.7			
	London (Kew Obsy.) ...	30.07	58	WNW	1	o	30.31	+08	43	+3	WNW	2	bm	1	0.04	64	40	sub.bq	c.o	o.b.c.bm	3.2			
NORTHERN EUROPE.	Spitzbergen ...	28.90	37	W	0	o	28.87	+01	31	-6	SE	1	b	1	0.04	27	27	bc	bc	bc	2.7			
	Isafjord ...	29.67	26	M	2	b	29.93	+04	29	0	W	0	bc	1	0.04	27	27	bc	bc	bc	2.7			
	Reykjavik ...	29.56	32	N	3	bc	29.99	0	23	-6	W	0	bc	1	0.04	27	27	bc	bc	bc	2.7			
	Vestmanna ...	29.50	33	WNW	6	b	29.99	+08	28	-7	W	0	b	1	0.04	27	27	bc	bc	bc	2.7			
	Seydisfjord ...	29.55	27	M	5	bc	29.91	+03	17	-8	W	0	b	1	0.04	27	27	bc	bc	bc	2.7			
	Thorshavn ...	29.30	42	WSW	5	o	29.92	+19	32	-10	WNW	4	o	1	0.04	27	27	bc	bc	bc	2.7			
CENTRAL EUROPE.	Vardö ...	29.39	35	SSW	4	c	29.40	+00	35	+1	S	4	b	3	0.04	36	32	bc	bc	bc	2.7			
	Bodö ...	29.42	42	SSW	4	o	29.43	-01	38	-2	SSW	2	r	2	0.04	43	36	bc	bc	bc	2.7			
	Christiansund ...	29.54	45	SW	2	o	29.56	+02	40	-1	SW	3	r	4	0.04	45	39	bc	bc	bc	2.7			
	Skudesnaes ...	29.73	41	E	6	m	29.75	+00	41	-1	W	6	c	4	0.04	43	39	bc	bc	bc	2.7			
	Færder (X'ianla Fjord)	29.80	42	SSW	5	o	29.70	+01	42	-1	WSW	6	m	3	0.04	45	39	bc	bc	bc	2.7			
	The Scaw (Skagen) ...	29.93	44	W	4	b	29.82	+00	45	-3	WSW	4	c	1	0.04	54	41	bc	bc	bc	2.7			
	Blaavands Huk ...	30.02	46	SW	2	o	29.97	+01	45	-1	WNW	3	b	3	0.04	48	43	bc	bc	bc	2.7			
	Haparanda ...	29.56	33	E	2	c	29.39	-05	34	+1	S	2	f	1	0.04	41	30	bc	bc	bc	2.7			
	Hernösand ...	29.60	43	S	2	o	29.49	+03	44	+1	N	2	c	1	Trace	50	39	bc	bc	bc	2.7			
	Stockholm ...	29.77	53	WSW	2	b	29.70	-02	46	+2	WSW	4	o	1	0.04	59	41	bc	bc	bc	2.7			
SOUTHERN EUROPE.	Wisby ...	29.90	50	SSW	2	b	29.86	-02	45	-1	WSW	4	o	1	0.04	55	41	bc	bc	bc	2.7			
	Karlstad ...	29.82	46	WSW	6	o	29.70	-00	45	0	WSW	4	c	1	0.04	52	41	bc	bc	bc	2.7			
	St. Petersburg ...	29.85	32	W	1	o	29.75	+02	40	+5	SW	1	o	1	0.04	32	32	bc	bc	bc	2.7			
	Berlin ...	30.12	63	S	1	b	29.95	-04	53	+7	S	2	o	1	0.04	68	50	bc	bc	bc	2.7			
	Frankfurt ...	30.07	68	W	0	o	30.06	+02	52	-2	W	0	m	1	0.04	72	52	bc	bc	bc	2.7			
	Munich ...	30.10	61	NE	3	bc	30.08	-01	54	+1	SSW	2	c	1	0.04	68	46	bc	bc	bc	2.7			
	Vienna ...	30.18	57	W	0	b	30.15	-01	51	-3	S	2	b	1	0.04	68	45	bc	bc	bc	2.7			
	Cuxhaven ...	30.05	54	S	1	o	30.00	+02	47	-3	W	1	o	0	0.08	61	46	bc	bc	bc	2.7			
	The Helder ...	30.06	55	SSW	2	c	30.16	+08	47	0	WNW	4	bc	2	0.04	61	46	bc	bc	bc	2.7			
	Brussels ...	30.05	58	SSW	2	o	30.21	+08	48	-8	WNW	2	o	1	0.04	71	47	bc	bc	bc	2.7			
FRANCE.	C. Gris Nez ...	30.03	58	E	2	c	30.25	+06	47	-3	WNW	5	c	4	0.04	64	46	bc	bc	bc	2.7			
	La Hève ...	30.06	63	NE	1	bc	30.29	0	46	-5	NNE	3	b	3	0.04	66	45	bc	bc	bc	2.7			
	Ushant ...	30.19	51	NE	5	o	30.39	0	50	0	NE	5	o	1	0.04	55	45	bc	bc	bc	2.7			
	Brest (St. Mathieu) ...	30.17	52	N	3	o	30.14	+07	54	+2	NNE	4	bc	1	0.04	68	52	bc	bc	bc	2.7			
	Rochefort (Ile d' Aix)	29.97	59	NNE	3	o	30.09	+01	55	-1	W													





**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

0 { a } North-Westerly winds, strong to moderate; mostly fair, some local squalls and showers; cool.

1 { a } North-Westerly winds, moderate generally; fair or bright; cool.

2 { a } Wind between North-West and North, moderate or light; fine generally; moderately warm during day, rather cold at night, local frost on ground.

3 { a } Same as No. 0.

4 { a } Wind mainly North-Westerly, fresh to moderate or light; fair or fine; rather cool.

5 { a } Wind between North-West and North-East, moderate or light; fine; rather cool.

6 { a } Same as No. 7.

7 { a } Same as No. 8.

8 { a } Wind between North-West and North-East, fresh to moderate; sea moderate or slight; fine generally.

**FURTHER OUTLOOK.** Weather continuing fine and dry over England.

Millibars Inches

1050 30

1040 29

1030 28

1020 27

1010 26

1000 25

990 24

980 23

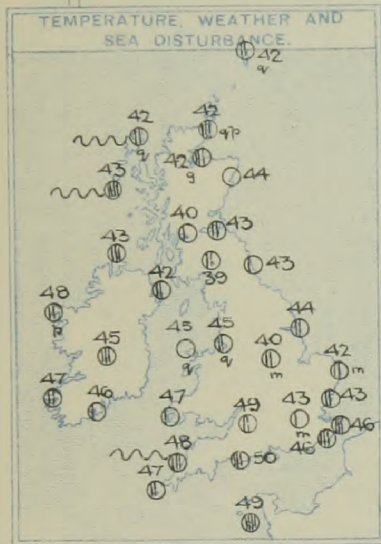
970 22



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

## GENERAL INFERENCE.

The United Kingdom will continue under the influence of the anticyclone on the Atlantic, which is likely to expand still further eastward.



Inches.

31

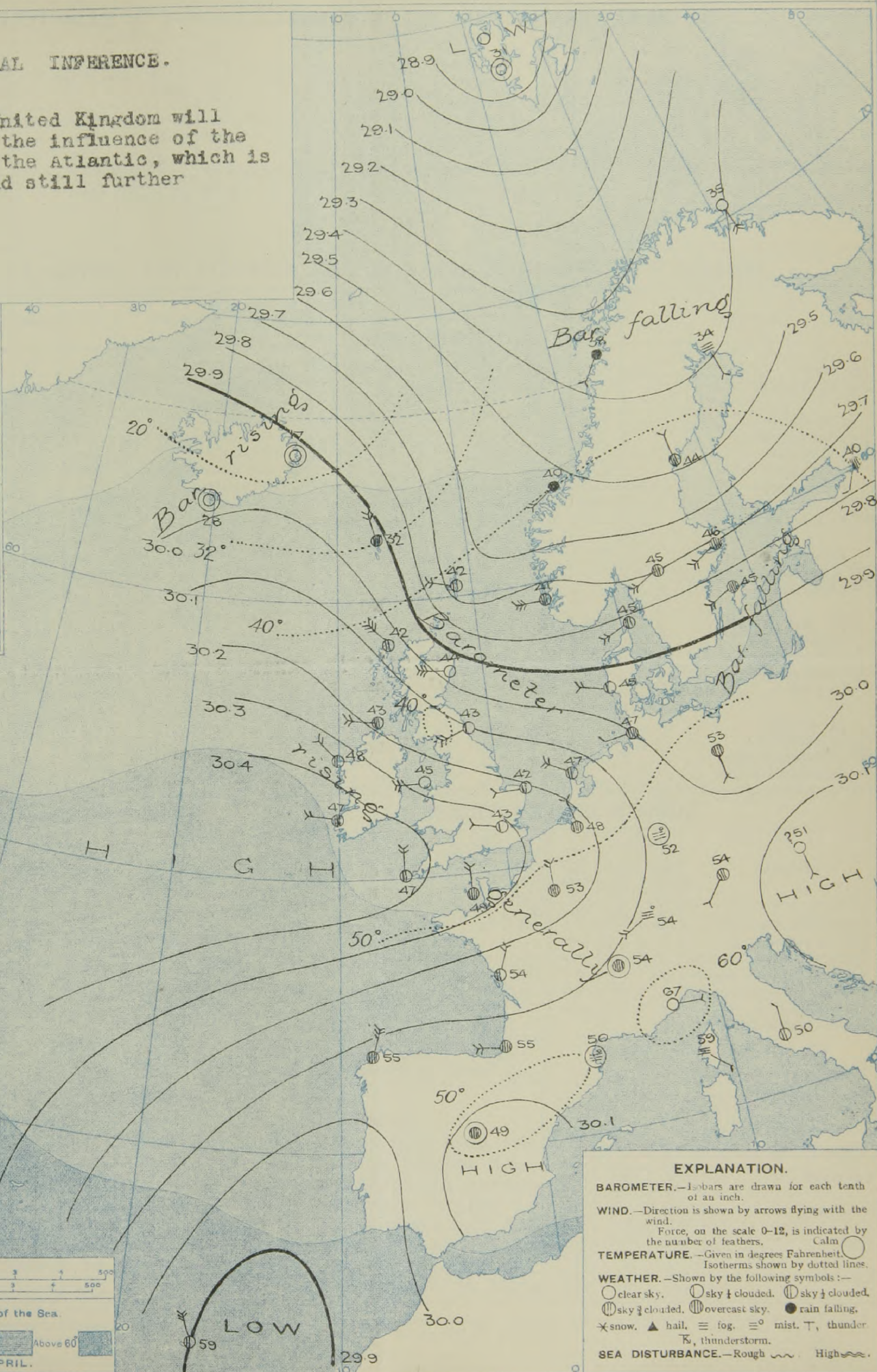
30

29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 40° 40°-50° 50°-60° Above 60°  
Scale of Tints for APRIL.





## DAILY WEATHER REPORT.

Tuesday, 14th April, 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.	
13th 7 a.m.	48 50	22 19	Mesaba Lusitania	0	30.18	-00	7	6-7	?	13th 7 a.m.	50 18	18	Alsation New York	0	30.10	+13	WNW	6-7	bc
"	"	"	"	0	30.15	+11	W	6-7	6	"	48 17	17	"	0	30.03	+02	NNE	4-5	0

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	In.	F.	F.			Hr.	(Margate ... ..)	In.	F.	F.			Hr.
{ Oban ... ..	1.25	49	40	cp	bc, bc	2.5	{ Ramsgate ... ..	-	65	40	b	b	6.9
{ St. Andrews ... ..	-	54	46	"	"	3.9	{ Folkestone ... ..	-	57	41	b	bc	6.8
Eng- N.E.							{ Hythe ... ..	-	59	34	b	b	7.3
{ Harrogate ... ..	0.01	55	38	bc, b	bc, bc	6.6	{ Littlestone ... ..	-	"	"	"	"	7.5
{ Scarborough ... ..	"	59	40	c, b	c, b	3.9	{ Hastings ... ..	-	60	47	b, bc	bc, c	4.9
{ Skegness ... ..	"	61	37	b	bc, b	8.6	{ Bexhill-on-Sea ... ..	-	56	43	b, bc	c	5.0
{ Douglas (I.O.M.) ... ..	0.06	52	44	org	c, b	3.5	{ Eastbourne ... ..	-	55	38	b, bc	bc, om	4.3
Eng- N.W.							{ Seaford ... ..	-	60	38	b	b	4.3
{ Morecambe ... ..	0.03	52	45	o, d	bc	4.8	{ Brighton ... ..	-	56	39	c, o, bc	bc, o	5.2
{ Blackpool ... ..	0.04	51	46	or	c, bc	1.6	{ Worthing ... ..	-	53	37	bc	bc, c	2.9
{ Southport ... ..	0.01	54	42	bc, o	om, b	3.7	{ Littlehampton ... ..	-	"	"	"	"	2.4
Mid- lands.							{ Southsea ... ..	-	57	40	bc	bc	2.5
{ Buxton ... ..	-	55	34	bc	bc	3.1	{ Ryde ... ..	-	56	48	c	c	1.5
{ Leamington Spa ... ..	-	59	43	b	b, bc, c	8.5	{ Ventnor ... ..	-	57	51	"	"	2.9
{ Malyern ... ..	-	"	"	"	"	"	{ Bournemouth ... ..	-	58	37	o	o	0.4
Wales.							{ Weymouth ... ..	-	56	39	c, bc	cy	2.1
{ Rhyl ... ..	0.02	53	45	bc	bc, r, bc	6.0	{ Exmouth ... ..	-	"	"	"	"	"
{ Colwyn Bay ... ..	-	53	45	bc	bc	7.0	{ Teignmouth ... ..	-	54	41	f, c	c	0.6
{ Llandudno ... ..	0.05	52	44	bc	c, bc	3.1	{ Torquay ... ..	-	58	43	o	c, bc	0.5
{ Aberystwyth ... ..	-	51	44	o, c, o	cr, c	2.5	{ Paignton ... ..	-	"	"	"	"	"
{ Tenby ... ..	0.01	54	47	b	p	2.1	{ Falmouth ... ..	-	57	41	c, b	bc, d	6.2
England, E.							{ Bude ... ..	-	"	"	"	"	"
{ Lowestoft ... ..	-	55	40	bc	c, bc, c, o	7.1	{ Ilfracombe ... ..	-	54	42	bc	b, bc, c	8.0
{ Felixstowe ... ..	-	54	40	b	b, bc	9.6	{ Weston-super-Mare ... ..	-	55	39	b, bc	b, bc	8.0
{ Walton-on-Naze ... ..	-	54	41	b, bc	bc, cgm	8.8							
{ Southend-on-Sea ... ..	-	62	40	b	bc	6.5							

## 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.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Greenwich (Royal Obs.) ...	58	63	Hr.	F.	F.	F.	In.	bc	bc, c	c, o, b					
City (Hunhill Row) ...	"	"	4.1	"	"	"	"	bc, o	bc, c, o	"					
Westminster (St. James's Pk.)	71	76	4.4	64	42	37	-	bc, o	bc, o	"					
Camden Sq. (Brit. Rainfall)	59	57	3.7	66	41	35	-	bc	bc, o	"					
Hampstead (Reservoir) ...	"	62	2.6	62	39	31	-	bc, o	bc, o	bc, b					
Richmond Park ...	"	"	4.3												
Kew. (See front page.)															
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Total.				Average Rate.		Max. Rate.									
1191 Joules				24.3 Milliwatts.		67.0 Milliwatts.									
S. Kensington (Roof of M.O.)	64	70	3.3												
Additional Observations for Yesterday.															
Dublin to 4 p.m.	0.11	54	46	45	q, or	or, cp	cp	"							
Plymouth to 9 p.m.															
Darwen "	0.05	51	34	32	bc	bc	bc, or	4.0							
Manchester "	0.03	56	39	"	b, bc	c, bc	c, b	4.0							
Birmingham "	"	"	"	"	"	"	"	"							
Oxford to 8 p.m.	"	59	37	32	b	b, c	c, bc	"							
S. Kensington (Museum Grounds to 6 p.m.)	-	64	39	27	b, mw	bc, o	c, mw	"							

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

	Sunrise.	Noon.	Sunset.
14th-15th April, 1914.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ... ..	4.59	11.53	6.47
	4.57	11.53	6.48
Greenwich ... ..	5.3	12.0	6.52
	5.7	12.0	6.53
Wick ... ..	5.6	12.13	7.20
	5.3	12.12	7.22
Valencia ... ..	5.49	12.41	7.34
	5.47	12.41	7.35

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° or above at many places in the east and south-east of England, and to above 55° over a much larger area. At night the thermometer fell to 34° in the screen at Nottingham, and to 26° on the grass. The duration of bright sunshine varied greatly. At some stations in Wales and the south-west of England there was very little. Rain has fallen at nearly all stations in Scotland and Ireland and in a few localities elsewhere, the largest measurement being 0.38 inch at Eskdalemuir.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

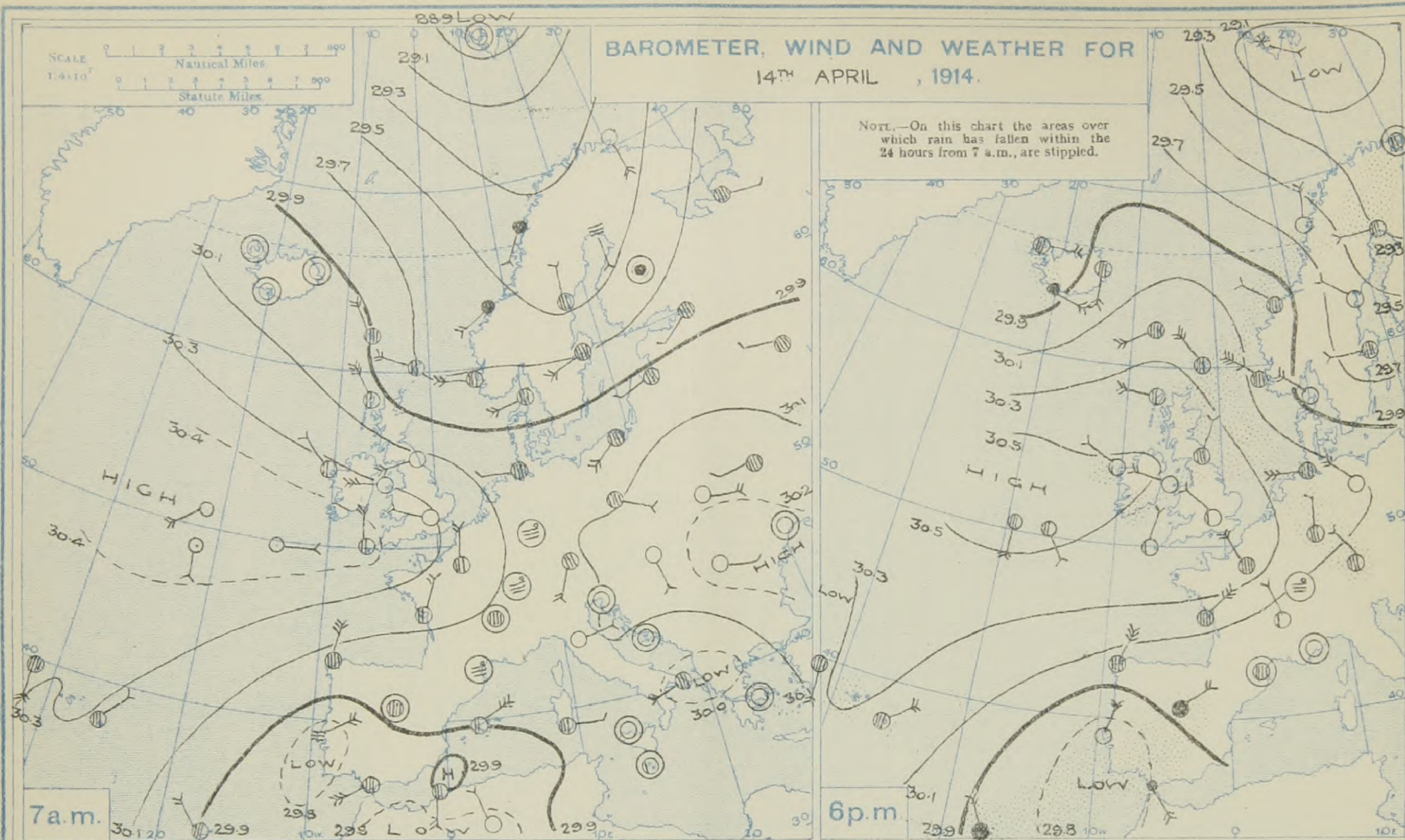


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
15th April 1914.

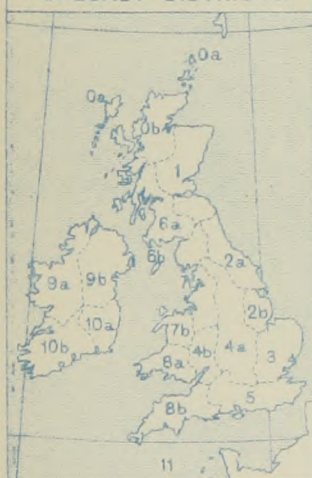
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	TEMP. F.	WIND		Weather.	M.S.L. Lat. 46°	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick	30.23	39	NW	5	c	30.37	+0.2	44	+2	W	3	bc	2	Trace	45	36	cpg	cpg	c.bc	Hours.			
	Stornoway	30.37	46	WNW	5	bc	30.43	+0.0	46	+4	SSW	5	bc	4	-	49	40	bc	bc	bc	8.9			
	Castlebay (Barra Isd.)	30.44	48	W	3	bc	30.47	+0.0	47	+4	WSW	3	o	4	0.03	49	41	o.bc	c.bc	bc.b.o	9.0			
	Glasgow	30.44	46	NW	4	b	30.54	+0.3	38	-2	SW	1	m	*	Trace	50	34	bc.cp	bc.b	bm.b	10.1			
	Esksdalemuir	30.44	44	WNW	3	b	30.53	+0.2	30	-9	-	0	bx	*	-	52	24	bc	c.b.bc	bc.b	9.7			
	Malin Head	30.46	48	WNW	4	bc	30.49	+0.0	41	-2	SW	3	b	3	-	49	40	bc	bc.m	bc	9.7			
	Blacksod Point	30.50	51	NW	2	bg	30.43	+0.0	46	-2	WSW	2	bc	2	0.01	53	42	bcg	bcg	bc	8.8			
	Valencia	30.53	52	NW	3	bc	30.52	+0.0	42	-5	-	0	bx	3	-	53	37	o.bc	bc	bc	8.8			
	Roche's Point	30.50	55	M	2	b	30.56	*	45	-1	NNE	1	bc	2	0.01	57	42	c.bc	bc.b	b.bc	*			
	Birr Castle	30.48	54	NNW	2	c	30.53	*	39	-6	E	1	b	*	-	58	35	c	c	c.b	10.4			
	Donaghadee	30.50	48	M	3	bc	30.56	+0.3	39	-3	W	2	bm	2	Trace	50	39	bc.m	bc	bm.c	*			
	Liverpool Obsy.	30.46	48	WNW	3	b	30.56	+0.1	41	-4	W	1	b	1	0.03	50	41	bc	b	b	8.3			
	Holyhead	30.47	50	WNW	3	bg	30.55	+0.3	40	-5	S	1	bgx	0	-	52	37	b.bc.b	bg	bx	12.1			
	Pembroke (St. Ann's Hd.)	30.48	48	NNW	2	b	30.55	+0.1	42	-5	NE	3	b	2	Trace	52	39	b	b	bx	11.7			
	Newquay	30.48	49	NE	5	b	30.50	+0.1	44	-4	E	1	b	3	-	51	35	b	b	b	11.5			
	Scilly (St. Mary's)	30.45	50	NNE	4	bm	30.41	+0.1	46	-1	E	3	bm	3	-	53	43	bc.m	bc.m	bm.b	12.1			
	Jersey (St. Aubin)	30.42	53	M	3	b	30.46	*	48	-1	ENE	4	bm	4	-	54	45	o.c	c.b	bm	11.0			
	Portland Bill	30.40	52	NNW	3	b	30.47	+0.2	44	-1	NE	3	b	2	-	56	41	bc	b	b	*			
	Dungeness	30.37	55	NW	3	c	30.50	+0.2	47	+1	NE	4	b	3	-	58	37	c.bc	c	c.bx	*			
	Dover	30.36	49	NW	4	b	30.47	*	47	+1	NNE	3	b	4	-	57	36	c.bc.b	b.bc.b	b	10.1			
Wick	30.34	43	NW	2	c	30.41	+0.1	42	0	S	3	c	2	0.03	44	35	cmg	cmg	cp.bcm	*				
Nairn	30.37	46	NNW	2	bc	30.45	*	44	+2	NNW	1	bc.m	2	Trace	49	35	bcg	bcg	bc	7.2				
Aberdeen	30.36	45	NNW	3	b	30.49	+0.1	43	-1	WSW	2	b	2	-	50	35	b.bc	bcg	bc.b	11.2				
Leith	30.36	50	NW	2	bc	30.51	+0.2	41	-2	W	2	bg	*	Trace	54	37	b.bc	bc	b.bc	*				
North Shields	30.38	47	NNE	2	c	30.54	+0.2	37	-6	W	3	b	2	Trace	56	34	bc	or	op.c	8.2				
Spurn Head	30.35	53	N	4	c	30.51	+0.3	44	0	NNE	1	bm	4	Trace	55	39	bc	cp	bc	8.5				
Yarmouth	30.36	51	NW	2	bc	30.54	+0.3	40	-2	WNW	2	bc.m	1	-	57	35	c	c.bc	bc	10.0				
Clacton-on-Sea	30.34	54	WNW	3	bc	30.52	+0.5	44	+1	NNE	2	b	1	-	57	39	bc	bc	bc.b	9.9				
Nottingham	30.40	50	NW	4	b	30.56	*	34	-6	SW	1	bm	*	-	54	31	bc.c	c.bm	b	10.2				
Bath	30.42	55	W	3	b	30.56	*	37	-12	N	1	b	*	-	58	33	bc.b	b	bc.bm	11.9				
London (Kew Obsy.)	30.40	54	NW	2	b	30.55	+0.4	40	-3	-	0	bm	*	-	56	36	bm.bc	b.bc.b	bm	10.7				
ICELAND, FAEROE, &c.	Spitzbergen	29.09	31	SE	2	s	29.25	+0.5	26	-5	SW	3	s	*	*	34	25	GALES.  Duration and Extreme Force in British Islands.						
	Isafjord	29.86	36	E	3	c	29.33	-0.8	48	+19	S	7	r	*	*	*	*							
	Reykjavik	29.84	37	ESE	5	o	29.43	-0.7	42	+19	SSE	2	r	*	*	*	*							
	Vestmanna	29.91	38	ESE	4	r	29.55	-0.6	44	+16	S	4	r	2	*	*	*						*	
	Seydisfjord	30.02	39	S	4	c	29.72	-1.2	32	+15	-	0	c	*	*	*	*							
	Thorshavn	30.17	39	WSW	4	o	30.16	-0.2	46	+14	WSW	4	o	*	*	*	*							
NORTHERN EUROPE.	Vardö	29.29	36	-	0	bc	29.31	+0.4	33	-2	E	2	o	2	?	37	30							
	Bodö	29.66	30	N	4	b	29.66	+0.4	34	-4	NW	4	c	2	?	38	27							
	Christiansund	29.99	37	NW	2	o	30.13	+0.3	35	-5	W	5	s	4	0.20	41	34							
	Skudesnaes	30.07	41	NNW	8	o	30.33	+0.4	40	-1	NNW	4	s	2	-	45	36							
	Færder (X'ianla Fjord)	29.78	44	W	2	b	30.16	+0.8	41	-1	-	0	b	3	-	45	39							
	The Scaw (Skagen)	29.82	43	NW	4	b	30.15	+0.9	43	-2	NE	4	b	1	-	43	39							
	Blaavands Huk	30.06	45	WNW	6	bc	30.27	+0.5	43	-2	NNW	6	c	5	-	46	41							
	Haparanda	29.30	36	W	2	c	29.71	+0.2	29	-5	NW	4	b	*	0.24	37	25							
CENTRAL EUROPE.	Hernösand	29.57	46	NW	2	b	29.86	+0.2	27	-7	NW	6	bc	*	-	50	32							
	Stockholm	29.63	44	W	2	o	29.94	+1.0	37	-9	WNW	6	b	*	-	52	34							
	Wisby	29.72	43	WSW	4	bc	30.00	+1.4	37	-8	NNE	4	c	*	0.35	46	36							
	Karlstad	29.71	47	WNW	4	bc	30.11	+0.8	38	-7	NW	4	b	*	-	54	32							
	St. Petersburg	30.10	52	NW	4	b	30.21	+0.3	43	-10	W	4	o	*	-	63	39							
	Berlin	30.22	54	M	1	c	30.39	+0.3	44	-8	NE	1	o	*	-	66	41							
	Munich	30.03	61	NW	2	c	30.32	+0.3	41	-13	NW	4	o	*	0.20	70	39							
	Vienna	30.19	45	W	5	o	30.30	+0.6	45	-2	NNW	6	ag	3	0.04	48	43							
FRANCE.	Cuxhaven	30.30	48	NW	5	b	30.46	+0.4	44	-3	NNW	5	c	4	-	50	43							
	The Helder	30.38	47	NW	2	c	30.47	+0.4	44	-4	NNE	2	b	*	-	57	40							
	Brussels	30.36	51	S	1	b	30.50	+0.3	47	0	NNE	5	b	4	-	61	45							
	C. Gris Nez	30.38	47	N	2	b	30.46	*	44	-2	NE	3	b	1	-	52	41							
	Ushant	30.43	52	ENE	5	b	30.43	*	49	-1	ENE	4	b	3	-	54	45							
	Brest (St. Mathieu)	30.41	51	NE	4	bc	30.45	+0.2	45	-6	ENE	4	b	3	-	54	45							
	Roche fort (Ile d' Aix)	30.17	58	NE	6	o	30.21	+0.1	48	-6	NE	6	c	*	-	66	46							
	Biarritz	30.02	56	WSW	3	o	30.04	+0.0	54	-1	NE	3	o	3	-	59	52							
SOUTHERN EUROPE.	Paris	30.38	53	NNE	4	bc	30.44	+0.3	43	-10	NE	4	b	*	-	62	36							
	Belfort	30.10	63	ENE	6	m	30.32	*	44	-10	ENE	6	b	*	-	73	40							
	Lyons	30.09	66	NNW	2	b	30.22	*	44	-10	NNE	2	bc	*	-	70	44							
	Nice	29.98	67	-	0	b	29.91	-0.1	64	-3	-	0	bc	0	-	75	59							
	Perpignan	30.00	64	-	0	o	29.99	+0.2	55	+5	-	0	o	*	-	73	48							
	Sanguinaire	*	59	N	1	m	*	*	57	-2	E	2	b	1	-	61	52							
	Corunna (8 a.m.)	30.03	58	NNE	6	o	30.04	+0.4	55	0	ENE	5	o	6	-	59	50							
	Madrid	29.98	57	NE	3	r	29.91	+0.5	52	+3	NE	4	c	*	0.43	57	45							
	Lisbon (9 a.m.)	29.75	58	NNE	5	b	29.72	+0.2	54	+1	NNE	5	o	5	0.04	63	53							
	Gibraltar	29.80	57	SE	4	r	29.72	*	58	*	E	5	c	2	0.09	60	54							
Rome																								
	Azores (Horta, 8 a.m.)	30.32	*	ENE	3	b	30.22	-0.1	56	+5	-	0	r	1	-	63	51							
	Madeira (Funchal)	29.86	59	NW	4	r	29.81	+0.1	59	0	NW	4	r	4	0.04	66	59							





**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.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Wind South-Westerly or Westerly, light to fresh or strong; becoming less fine generally, some showers to-morrow; milder.                                    |
| 1  |            |   |
| 2  | a }<br>b } | Wind light to moderate between West and South-West; fair or fine and bright generally; temperature rising.  |
| 3  |            | Same as No. 5.  |
| 4  | a }<br>b } | Light variable winds; fine and bright generally; moderately warm day, cold night, local frost.  |
| 5  |            | Easterly and North-Easterly winds, light or moderate; fair or bright generally; moderately warm day, cold night, frost locally inland.                      |
| 6  | a }<br>b } | Same as No. 0.  |
| 7  | a }<br>b } | Light variable to South-Westerly winds; fine generally; moderate temperature during day, low at night, frost in places.                                     |
| 8  | a }<br>b } | Same as No. 5.  |
| 9  | a }<br>b } | Wind mainly between West and South, light or moderate; mostly fair to bright, but some showers on west and north coasts by to-morrow; moderate temperature. |
| 10 | a }<br>b } |   |
|    |            | Easterly and North-Easterly winds, light or moderate; fine generally.   |

Millibars

Inches

1050 31

1040

1030

1020

30

1010

1000

990

980

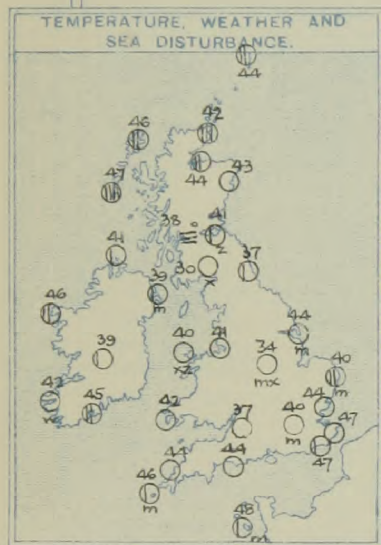
970



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

## GENERAL INFERENCE.

The anticyclone over England seems likely to move slowly in an easterly direction while the extreme north-western and northern parts of the Kingdom come under the influence of a depression far to the north-westward of these islands.



Inches.

31

30

29

28

27

26

25

24

23

22

21

20

19

18

17

16

15

14

13

12

11

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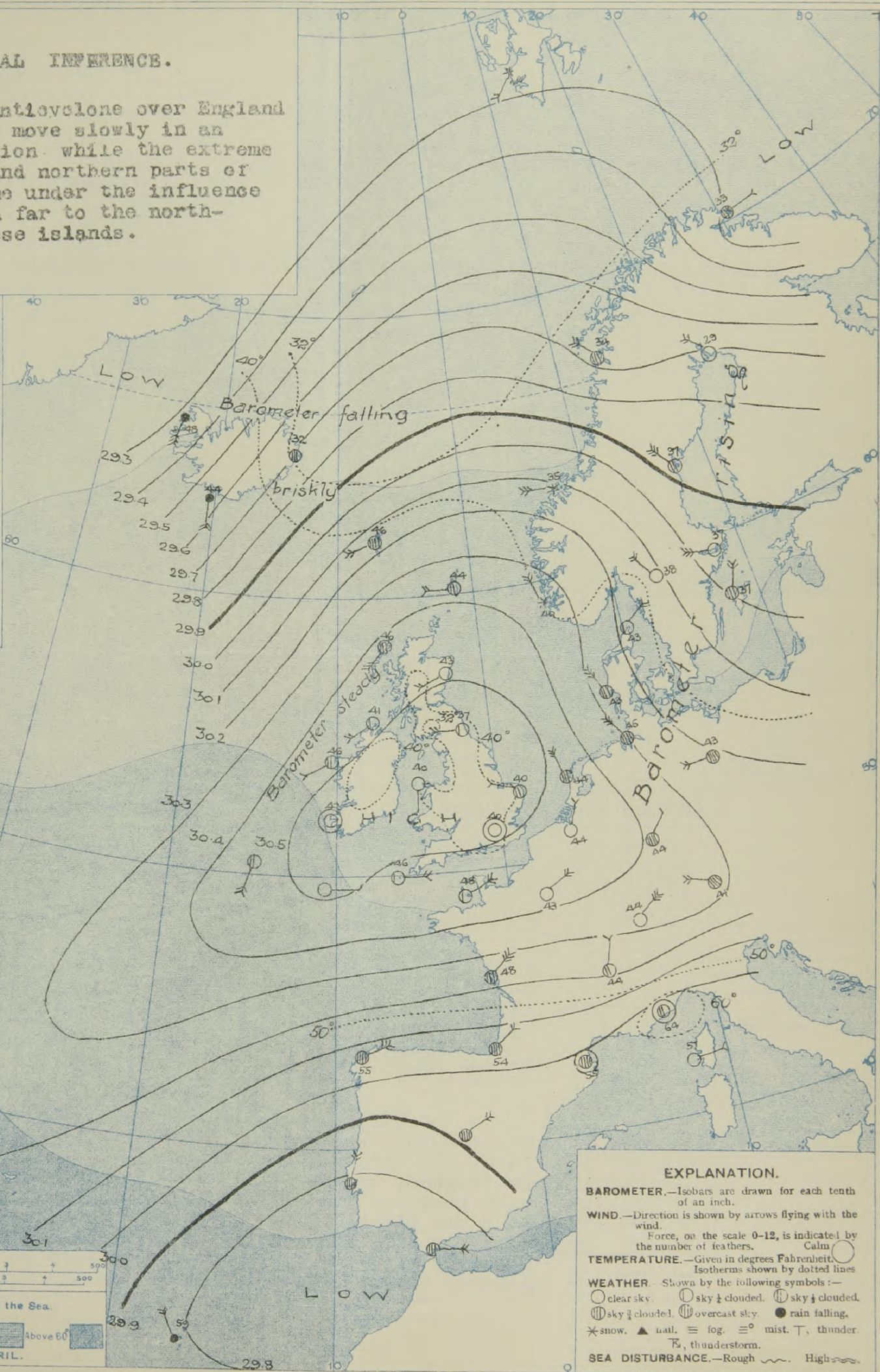
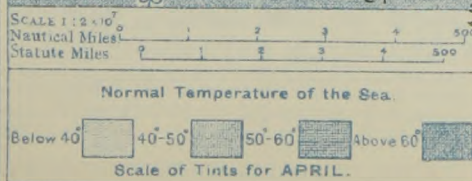
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7

6

5

4



## EXPLANATION.

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

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

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

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

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 4/5 clouded. ○ overcast sky. ● rain falling.

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

**SEA DISTURBANCE.**—Rough. High.



## DAILY WEATHER REPORT.

Wednesday, 15th April, 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.	
15th, 7 a.m.	50	15	Gymnic	H	30.41	00	SSW	4-5	bc	14th, 7 a.m.	48	29	Alaskan	O	30.12	-10	SSW	6-7	o
" " 11 a.m.	49	10	Mount Royal	H	30.38	-01	E	1-3	b	" " 11 a.m.	50	20	Royal George	H	30.46	+03	SW	4-5	b
" " 11 a.m.	50	18	Jurcoman	H	?	?	S	4-5	c	" " 11 a.m.	48	20	Lapland	O	30.45	-05	S	1-3	b
" " 11 a.m.	50	15	Royal George	H	30.55	+02	SSE	1-3	bc	" " 11 a.m.	49	13	Mount Royal	H	30.42	-01	E	1-3	b
" " 11 a.m.	49	19	Gymnic	H	30.41	+01	S	4-5	c	" " 11 a.m.	48	24	Gymnic	H	30.36	00	S	4-5	c

## 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	0.10	50	39	b, bc.	b, bc.	7.7	England, S.E.	Margate	0.02	56	45	b	b, bc.	9.3
	St. Andrews	-	55	39	"	"	11.4		Ramsgate	-	55	43	b	b	9.5
Eng. N.E.	Harrogate	-	54	36	b, bc.	b	11.5		Folkestone	-	58	44	b	b	9.7
	Scarborough	-	59	39	"	"	8.3		Hythe	0.01	59	43	b	b	9.5
Eng. N.W.	Skegness	-	56	36	b, bc.	c	9.3		Littlestone	-	57	44	b, bc.	b, bc.	8.7
	Morecambe	-	50	45	b	b	10.1		Hastings	-	57	44	b, bc.	b, bc.	9.1
Eng. N.W.	Blackpool	-	52	44	b, bc.	b	10.5		Bexhill-on-Sea	-	59	44	b	b	9.4
	Southport	-	51	44	b, bc.	b	9.5		Eastbourne	-	60	43	b, bc.	b	10.0
Mid-lands.	Buxton	0.05	52	37	b, bc.	b, bc.	5.8		Seaford	-	60	37	b	b	9.9
	Leamington Spa	-	55	37	b	b	9.1		Brighton	-	59	43	b, bc.	b, bc.	9.9
Wales.	Malvern	-	57	41	b, bc.	b, bc.	5.0		Worthing	-	60	43	b, bc.	b, bc.	10.0
	Rhyl	-	50	42	b, bc.	b, bc.	10.5	England, S.W.	Littlehampton	-	58	42	b	b, bc.	9.2
England, E.	Colwyn Bay	-	52	42	b, bc.	b	10.8		Southsea	-	58	42	b	b, bc.	11.0
	Llandudno	-	54	40	b	b	9.8		Ryde	-	55	48	b	b	10.5
England, E.	Aberystwyth	-	51	45	b, bc.	b, bc.	10.2		Ventnor	-	58	41	b	b	11.3
	Tenby	-	58	51	b	b	11.5		Bournemouth	-	58	40	b	b	11.0
England, E.	Lowestoft	-	56	42	b, bc.	b, bc.	8.9	England, S.W.	Weymouth	-	58	41	b, bc.	b, bc.	11.1
	Felixstowe	-	56	41	b	b, bc.	9.3		Exmouth	-	58	42	b	b	11.0
England, E.	Walton-on-Naze	-	56	40	b, bc.	b, bc.	9.2		Teignmouth	-	57	40	b	b	11.5
	Southend-on-Sea	-	57	42	b	b	9.2		Torquay	-	57	40	b	b	11.5
England, E.	Lowestoft	-	56	42	b, bc.	b, bc.	8.9		Paignton	-	58	41	b	b	10.8
	Felixstowe	-	56	41	b	b, bc.	9.3		Falmouth	-	54	43	b, bc.	b, bc.	11.7
England, E.	Walton-on-Naze	-	56	40	b, bc.	b, bc.	9.2		Bude	-	53	45	b	b	12.0
	Southend-on-Sea	-	57	42	b	b	9.2		Ilfracombe	-	54	45	b	b	11.7
England, E.	Lowestoft	-	56	42	b, bc.	b, bc.	8.9		Weston-super-Mare	-	56	43	b	b, bc.	11.0
	Felixstowe	-	56	41	b	b, bc.	9.3								

## 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.				
Greenwich (Royal Obs.)	52	63	9.6	58	36	20	b	b	b, bc.
City (Bunhill Row)	"	"	9.9	"	"	"	"	"	"
Westminster (St. James's Pk.)	"	"	10.6	"	"	"	"	"	"
Camden Sq. (Brit. Rainfall)	48	58	10.2	60	36	30	b, bc.	b, bc.	b, bc.
Hampstead (Reservoir)	"	57	10.9	57	38	31	b, bc.	b	b, bc.
Richmond Park	"	"	9.4	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.		Average Rate.		Max. Rate.					
1788 Joules		36.2 Milli-watts.		70 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.	Trace	57	40	38	b, bc.	8
Plymouth to 9 p.m.	-	56	41	35	b	11.9
Darwen "	-	49	38	34	b, bc.	8.1
Manchester "	Trace	52	41	32	b, bc.	6.3
Birmingham "	-	54	39	32	b, bc.	10.6
Oxford to 8 p.m.	"	56	38	30	b, bc.	"
S. Kensington (Museum Grounds to 6 p.m.)	-	59	42	32	b, bc.	"

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

15th & 16th April 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.57 4.55	G.M.T. 11.53 11.53	G.M.T. 6.48 6.50
Greenwich	5.7 5.5	12.0 12.0	6.53 6.55
Wick	5.3 5.1	12.12 12.12	7.22 7.24
Valencia	5.47 5.45	12.41 12.41	7.35 7.37

**NOTES ON YESTERDAY'S WEATHER.**  
 Temperature rose to above 55° in most parts of the Kingdom, and touched 60° locally in the south. The night was cold, the thermometer falling to 31° in the screen at Nottingham, and to 24° at Eskdalemuir. Bright sunshine was very prevalent in almost all parts of the Kingdom, and except at a few places in the north and north-west no rain was measured at 7 a.m. According to wireless reports a light to moderate breeze from the South-Westward or Southward was general between the Irish coast and the 20th 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

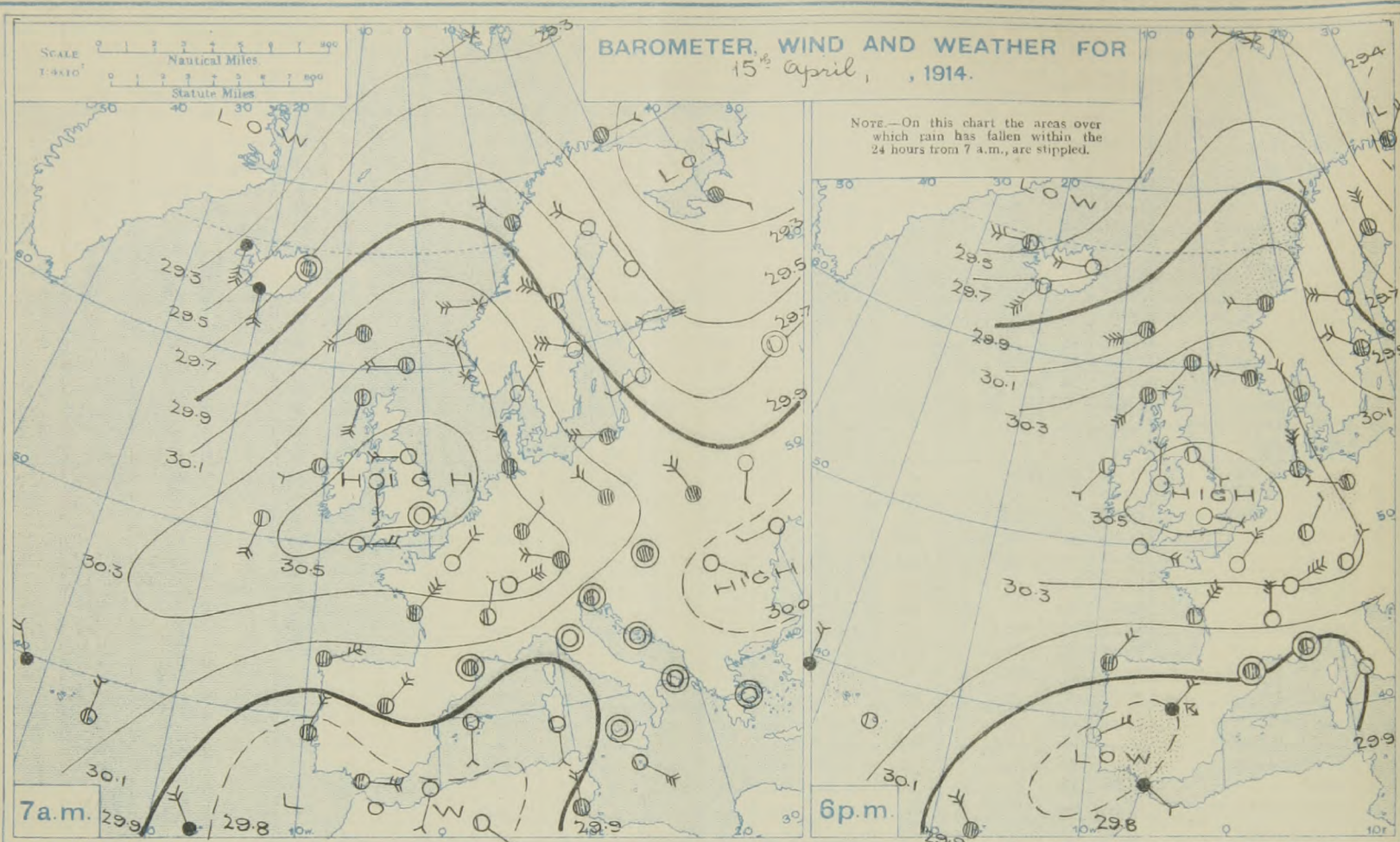


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
16th April, 1914.

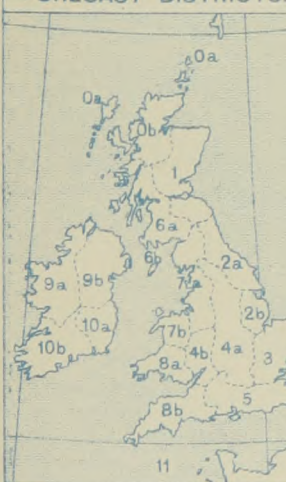
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.	Weather.	Sea 9-12.	Rain- fall.	Temp.		WEATHER.					
				Direc.	Force 0-12.											Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	30.35	47	SW	3	c	30.36	-0.01	47	+3	WSW	3	o	2	-	48	43	bc.c	c	c.cgr	*		
	Stornoway ...	30.39	50	SW	6	aq	30.44	+0.05	47	+1	SSW	4	o	4	-	52	45	bcq	bc.og	c.o	9.1		
	Castlebay (Barra Isd.)	30.45	49	WSW	4	o	30.46	-0.01	47	0	SSW	3	o	4	-	49	46	o.bc	bc.o	o.b.o	5.6		
	Glasgow ...	30.50	52	WSW	2	b	30.53	-0.03	48	0	E	1	bm	0	-	55	36	m.c.o.bc	b	bx.m	8.4		
	Eskdalemuir ...	30.51	48	S	3	b	30.58	-0.07	48	-2	-	0	bx	0	-	56	25	b.bc	bc	bc	11.7		
	Malin Head...	30.46	51	WSW	3	bc	30.45	-0.02	45	+4	S	2	bc	2	-	59	41	bc	bc	bc	*		
	Blacksod Point ...	30.46	52	SW	2	bz	30.44	-0.03	46	0	SE	1	br	2	Trace	54	41	bz	bz	bc	*		
	Valencia ...	30.47	55	SSE	3	bc	30.43	-0.04	40	-2	E	1	bcg	3	-	58	35	b	b	bc	11.6		
	Roche's Point ...	30.53	50	ESE	3	b	30.47	-0.06	43	-2	ENE	2	b	2	0.01	52	38	bc.b	b	b	*		
	Birr Castle ...	30.48	50	S	1	b	30.47	-0.01	36	-3	SE	1	b	0	-	62	35	b	b	bx	12.2		
	Donaghadee ...	30.53	54	SW	2	bz	30.52	-0.01	29	0	W	2	bz	2	-	56	38	bz	bz	bx.b.bz	*		
	Liverpool Obsy. ...	30.54	50	WNW	1	b	30.63	-0.09	38	-3	SSE	1	g	1	-	52	37	b	b	bm	12.5		
	Holyhead ...	30.54	51	N	2	bz	30.51	-0.03	45	+5	E	3	bxg	2	-	52	39	bz	bz	bmz	12.7		
	Pembroke (St. Ann's Hd.)	30.52	48	NE	2	b	30.50	-0.02	44	+2	NE	2	bm	1	Trace	55	42	b	b	bm	11.7		
	Newquay ...	30.47	50	SE	1	b	30.43	-0.04	46	+2	E	2	b	3	-	55	39	b	b	b	12.1		
	Scilly (St. Mary's) ...	30.46	50	ESE	4	bm	30.40	-0.06	47	+1	ESE	5	cgr	4	-	54	45	bm	bm	bm.bcm	12.1		
	Jersey (St. Aubin) ...	30.42	52	E	5	bc	30.41	-0.01	46	-2	ENE	4	b	4	-	56	42	bm.b	b	b	12.3		
	Portland Bill ...	30.50	48	ESE	3	b	30.47	-0.03	44	0	ENE	5	b	4	-	51	40	b	b	b	*		
	Dungeness ...	30.50	48	NE	5	bc	30.49	-0.01	46	-1	ENE	4	bc	4	-	52	43	bc	bc.b	c.bc	*		
	Dover ...	30.51	43	NE	5	bx	30.51	-0.04	46	-1	NE	4	c	4	-	51	40	b	c	b.bc.c	12.5		
ICELAND, FAEROE, &c.	Wick ...	30.39	49	-	0	b	30.45	-0.06	46	+4	SW	3	bcg	2	-	57	39	c.bcm	bc.m	cm.bcg	*		
	Nairn ...	30.42	57	W	2	bc	30.48	-0.06	46	+2	-	0	b	1	-	61	36	bc.b	bc	bc	10.5		
	Aberdeen ...	30.42	52	SSW	1	b	30.50	+0.08	40	-3	WNW	1	b	2	-	56	33	b	bz	bz	9.8		
	Leith ...	30.45	55	WSW	3	b	30.51	-0.06	42	+1	W	1	bg	0	-	59	40	b	b	b.bc	*		
	North Shields ...	30.51	48	ESE	2	b	30.54	+0.03	42	+5	SW	3	bg	2	-	55	37	bz	bz	c.b	11.5		
	Spurn Head ...	30.52	46	SE	3	bc	30.52	-0.04	43	-1	-	0	bmw	4	-	55	39	bc	bc	b	12.0		
	Yarmouth ...	30.56	46	E	1	b	30.57	-0.01	41	+1	W	2	bc	1	-	51	37	bc	bc	bc	12.2		
	Clacton-on-Sea ...	30.53	47	ENE	4	br	30.54	-0.01	41	-3	NNE	3	bc	2	-	50	37	b.bcr	bc.br	br.bc	12.8		
	Nottingham...	30.52	52	ESE	1	b	30.55	-0.03	36	+2	SW	1	bm	0	-	57	33	bm	bm	b	8.3		
	Bath ...	30.50	56	E	2	b	30.53	-0.03	39	+2	E	3	b	0	-	59	33	bm	b	bm	11.8		
London (Kew Obsy.)...	30.52	50	ESE	2	bz	30.54	+0.02	41	+1	E	1	bm	0	-	55	35	bmz.bz	bcz	bz.bmz	10.9			
NORTHERN EUROPE.	Spitzbergen ...	29.52	24	NW	2	s	29.47	-0.05	25	-1	S	3	o	0	-	28	18	GALES.  Duration and Extreme Force in British Islands.					
	Isafjord...	29.48	36	W	5	bc	29.66	+0.18	33	-15	W	9	s	0	-	*	*						
	Reykjavik ...	29.71	37	SSW	3	s	29.88	+0.17	38	-9	SSW	3	o	0	-	*	*						
	Vestmanna ...	29.78	41	SW	7	b	29.93	+0.15	36	-8	SW	7	b	2	-	*	*						
	Seydisfjord ...	29.64	50	W	4	b	29.88	+0.24	29	+7	W	4	b	0	-	*	*						
	Thorshavn ...	30.08	47	WSW	8	o	30.23	+0.15	43	-3	WSW	4	c	0	-	*	*						
	Vardö ...	29.32	32	NE	4	c	29.88	+0.56	35	+2	SW	2	o	2	-	35	30						
	Bodö ...	30.04	35	NNE	1	b	29.97	-0.07	33	-1	E	4	s	2	-	35	28						
	Christiansund ...	30.23	40	W	3	o	30.18	+0.05	44	+9	W	6	r	5	0.28	44	34						
	Skudesnaes ...	30.40	44	WNW	4	o	30.39	-0.01	44	+4	W	4	c	2	-	46	39						
CENTRAL EUROPE.	Færder (X'ania Fjord)	30.21	42	NW	2	c	30.31	+0.10	43	+2	-	0	b	1	-	45	39						
	The Scaw (Skagen)...	30.26	44	NNW	3	bc	30.32	+0.06	45	+2	NNW	1	b	0	-	48	39						
	Blaavands Huk ...	30.41	43	NNW	5	b	30.44	+0.03	45	+2	N	4	b	3	-	45	41						
	Haparanda ...	29.61	31	N	6	c	29.97	+0.36	32	+3	NNW	2	b	0	-	34	28						
	Hernösand ...	29.90	37	NW	6	b	30.15	+0.25	38	+1	NW	4	b	0	-	41	32						
	Stockholm ...	30.01	41	NW	4	c	30.16	+0.15	37	0	NW	2	b	0	-	45	30						
	Wisby ...	30.10	39	W	2	b	30.23	+0.13	38	+1	N	4	b	0	-	41	36						
	Karlstad ...	30.14	44	NW	4	b	30.30	+0.16	39	+1	NW	2	b	0	-	45	34						
	St. Petersburg ...	29.73	35	WSW	2	o	29.76	+0.03	30	-4	WNW	2	bo	0	-	*	*						
	Berlin ...	30.26	50	NW	2	c	30.38	+0.12	42	-1	N	3	b	0	Trace	52	37						
FRANCE.	Frankfurt ...	30.40	48	ME	1	bc	30.47	+0.07	41	-3	NE	1	o	0	-	54	36						
	Munich ...	30.34	43	ME	3	b	30.39	+0.05	38	-3	NE	3	c	0	-	48	32						
	Vienna ...	30.26	46	NW	3	o	30.30	+0.04	42	-3	NW	3	b	0	0.12	61	41						
	Cuxhaven ...	30.41	45	N	5	o	30.43	+0.02	46	+1	N	4	c	2	-	46	45						
	The Helder ...	30.52	45	N	3	b	30.54	+0.02	46	+2	N	2	bc	2	Trace	46	43						
	Brussels ...	30.50	43	NNE	3	b	30.49	-0.01	42	-2	NE	1	b	0	-	52	34						
	C. Gris Nez...	30.49	45	NE	5	b	30.49	+0.01	42	-5	ENE	5	b	3	-	52	37						
	La Hève ...	30.46	46	ENE	4	b	30.42	-0.04	40	-4	E	4	b	2	-	55	37						
	Ushant...	30.43	50	E	5	b	30.36	-0.07	46	-3	E	4	b	3	-	54	41						
	Brest (St. Mathieu) ...	30.38	54	NE	4	b	30.33	-0.05	46	+1	ENE	3	b	2	-	63	43						
SOUTHERN EUROPE.	Rochefort (Ile d' Aix)	30.13	57	NE	6	bc	30.11	-0.02	47	-1	NE	6	b	0	-	63	43						
	Biarritz ...	30.01	55	WSW	3	c	29.98	-0.03	47	-7	E	3	b	2	-	59	43						
	Paris ...	30.39	50	NE	3	b	30.41	+0.02	41	-2	NE	3	b	0	-	58	36						
	Belfort ...	30.31	45	ENE	7	b	30.28	-0.03	41	-3	ENE	7	b	0	-	63	37						
	Lyons ...	30.13	54	N	5	b	30.14	-0.01	41	-3	N	2	b	0	-	60	38						
	Nice ...	29.86	58	-	0	c	29.91	+0.05	54	-10	-	0	c	3	-	73	54						
	Perpignan ...	29.91	64	-	0	o	30.00	+0.09	55	0	NE	2	c	0	-	74	50						
	Sanguinaire ...	*	58	N	1	c	*	*	58	+1	E	2	c	2	-	59	54						
	Corunna (8 a.m.) ...	30.00	57	NE	3	o	29.86	-0.14	54	-1	NE	3	c	4	-	59	50						
	Madrid...	29.79	65	NE	3	hr	29.90	+0.11	51	+1	NW	1	c	0	0.39	72	48						
SOUTHERN EUROPE.	Lisbon (9 a.m.) ...	29.78	58	ENE	3	b	29.79	+0.01	56	+2	MNE	4	o	2	Trace	66	54						
	Gibraltar ...	29.81	55	SE	2	r	29.80	-0.01	57	-1	NE	3	o	1	0.46	61	53						
	Rome ...	29.90	61	SW	1	b	29.88	+0.02	52	0	N	1	o	0	-	73	52						
	Azores (Horta, 8 a.m.)	30.16	*	SW	3	f	30.07	+0.09	56	0	N	3	o	3	0.04	63	55						
Madeira (Funchal) ...	29.86	60	NW	4	f	29.84	+0.02	60	+1	NW	4	b	4	-	64	57							





FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No  
Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

- 0 { a } Wind between South and West, light or moderate; fair to bright generally; moderate temperature.  
b
- 1 { a }  
b
- 2 { a } Wind light and variable; fair or bright; moderately warm during day, cold at night, frost locally.  
b
- 3 Same as No. 5.
- 4 { a } Same as No. 2.  
b
- 5 { a } Easterly or North-Easterly winds, light to moderate or fresh; fine, bright; moderate temperature during day, low at night, frost on grass.  
b
- 6 { a } Same as Nos. 0 and 1.  
b
- 7 { a } Same as No. 2.  
b
- 8 { a } Wind mainly Easterly, light to fresh; fine, bright; moderate temperature during day, low at night; local frost on grass.  
b
- 9 { a }  
b
- 10 { a } Wind light or moderate, generally between South and East; fair or fine; moderate temperature.  
b
- Easterly winds, moderate to fresh or strong; sea moderate; fair or fine.

Miles Inche

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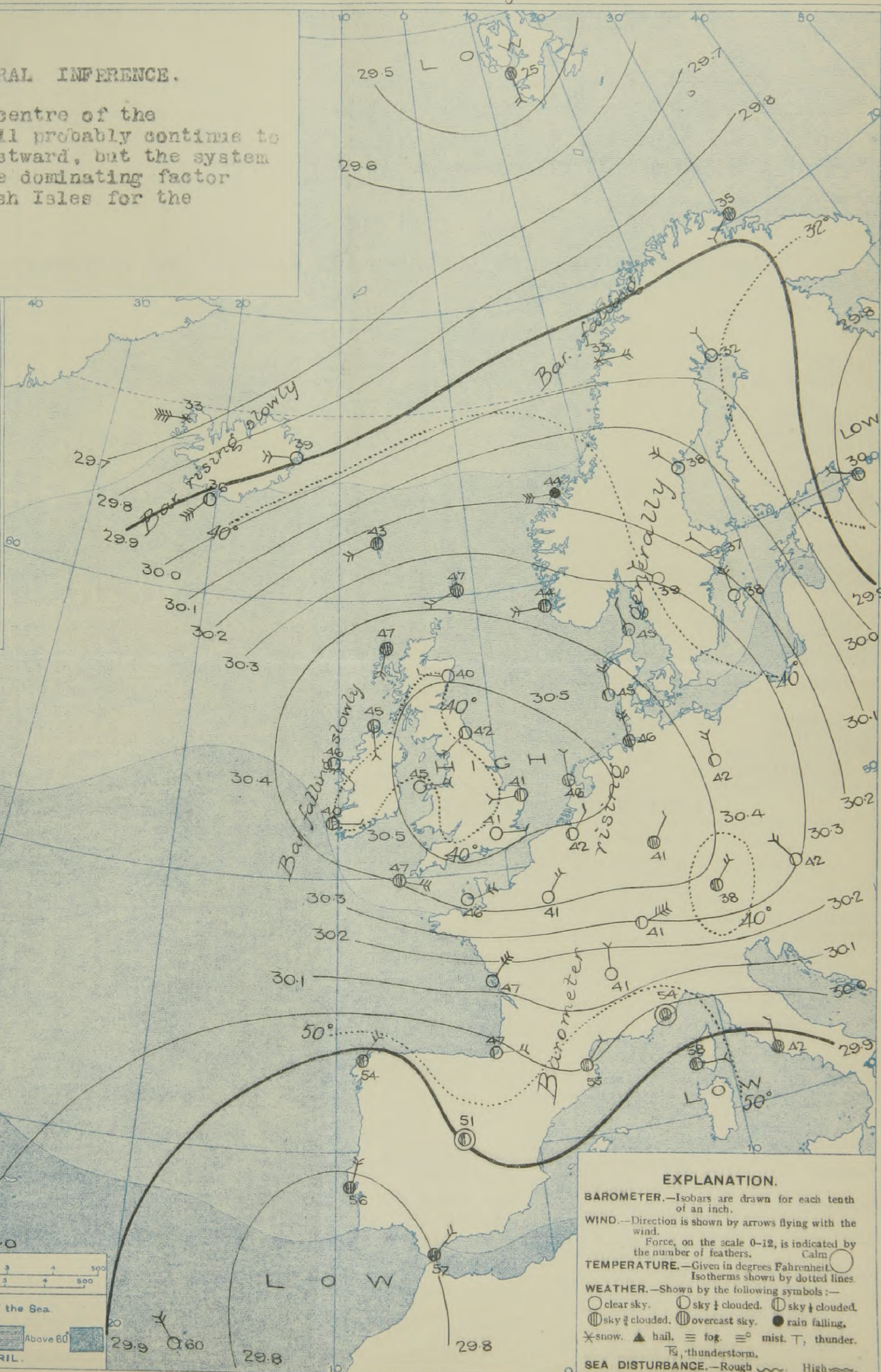
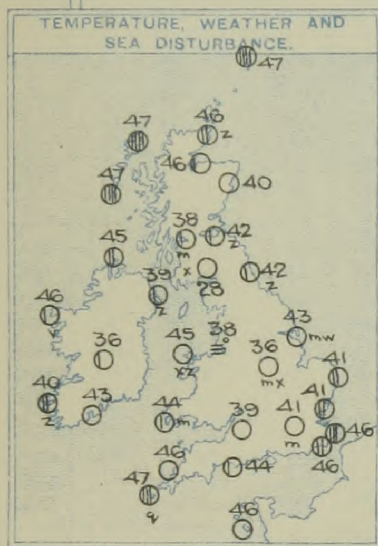
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# SYNOPTIC CHART FOR 7 a.m., Thursday, 16<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

The centre of the anticyclone will probably continue to move slowly eastward, but the system will remain the dominating factor over the British Isles for the present.



## 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.  
Tg, thunderstorm.

**SEA DISTURBANCE.**—Rough High



## DAILY WEATHER REPORT.

Thursday, 16th April, 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.	
15th Gpm.	51	11	Tarcoman	H	?	00	SE	4-5	bc						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.	
Scot-land.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
{ Oban ...	-	53	36	c.b	b	8.0	{ Ramsgate ...	-	56	44	b	b	12.2
{ St. Andrews ...	-	61	30	*	*	11.7	{ Folkestone ...	-	51	41	b	b	12.2
Eng-land, N.E.							{ Hythe ...	-	52	42	b	b	12.3
{ Harrogate ...	-	58	33	b	b	12.3	{ Littlestone ...	-	53	39	b	b	12.4
{ Scarborough ...	-	52	38	bc	bc	11.1	{ Hastings ...	-	52	40	b	b	12.0
{ Skegness ...	-	51	46	b	bc	11.8	{ Bexhill-on-Sea ...	-	52	40	b	b	12.5
{ Douglas ...	-	53	36	b	b	12.0	{ Eastbourne ...	-	52	40	b	b	12.1
{ Morecambe ...	-	53	31	b	b	11.3	{ Seaford ...	-	55	39	b	b	12.2
Eng-land, N.W.							{ Brighton ...	-	57	40	b, bc	bc, b	12.1
{ Blackpool ...	-	51	32	b	b	12.0	{ Worthing ...	-	56	40	b	b	12.5
{ Southport ...	-	51	33	b	b	12.2	{ Littlehampton ...	-	*	*	*	*	10.5
Mid-lands.							{ Southsea ...	-					
{ Buxton ...	-	52	28	b	b	7.5	{ Ryde ...	-	53	49	b	b	12.0
{ Leamington Spa ...	-	58	32	bc	bc	8.5	{ Ventnor ...	-	58	40	*	*	12.4
{ Malvern ...	-	57	41	b	b	11.0	{ Bournemouth ...	-	56	34	b	b	12.0
Wales.							{ Weymouth ...	-	56	38	b	b	12.0
{ Rhyl ...	-	51	33	b	b	11.0	{ Exmouth ...	-	56	40	b	b	12.0
{ Colwyn Bay ...	-	51	43	b	b	12.0	{ Teignmouth ...	-	55	41	b	b	12.0
{ Llandudno ...	-	53	36	b	b	12.2	{ Torquay ...	-	54	39	b	b	11.8
{ Aberystwyth ...	-	52	35	g.c.b	b, bc	12.0	{ Paignton ...	-	54	43	b	b	11.6
{ Tenby ...	-	58	47	b	b	12.4	{ Falmouth ...	-	55	38	b	b	12.2
England, E.							{ Bude ...	-	59	33	b	b	12.3
{ Lowestoft ...	-	49	36	b	b	12.0	{ Ilfracombe ...	-	55	44	b	b	11.5
{ Felixstowe ...	-	50	36	b	b	12.8	{ Weston-super-Mare ...	-	58	37	b	b	11.7
{ Walton-on-Naze ...	-	49	39	b, bc	b	12.5							
{ Southend-on-Sea ...	-	54	38	b	b	12.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obsy.) ...	61	71	11.7	57	34	19	b	b	bx
City (Bunhill Row) ...	*	*	9.8	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	*	*	10.2	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall) ...	55	67	9.9	61	35	31	b	bc	bcx
Hampstead (Reservoir) ...	*	*	11.2	55	36	29	bc	bc	bcx
Richmond Park ...	*	*	8.3						
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.)				1422 Joules	28.7 Milli-watts.		70.0 Milli-watts.		

## Additional Observations for Yesterday.

Additional Observations for Yesterday.								
STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun- shin- for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	-	58	37	35	bm	bc	b	*
Plymouth to 9 p.m.	-	56	39	31	b	b	b	12.1
Darwen "	-	55	32	29	b, c, y	bc	bc	11.9
Manchester "	Trace	57	33	*	b, b	b	b	8.0
Birmingham "	-	57	36	24		c, b	b, c	9.0
Oxford to 8 p.m.	*	58	33	26	b	b, b, y	b, y, b	*
S. Kensington (Museum Grounds to 6 p.m.)	-	57	41	28	b, b, c	bc, b, c	c, b, b, y	*

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

16th & 17th April 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.55	11.53	6.50
	4.53	11.53	6.52
Greenwich ...	5.5	12.0	6.55
	5.3	12.0	6.57
Wick ...	5.1	12.12	7.24
	4.58	12.12	7.26
Valencia ...	5.45	12.41	7.37
	5.43	12.41	7.39

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 55° or above in many parts of the Kingdom, and to above 60° at some Irish and Scottish stations. At Lowestoft and Walton-on-the-Naze the maximum was only 49°. At night it fell to 33° in Central England, and to 25° at Eskdalemuir. Frost on the grass was general. Much bright sunshine was recorded, many places having more than 12 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; 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. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.

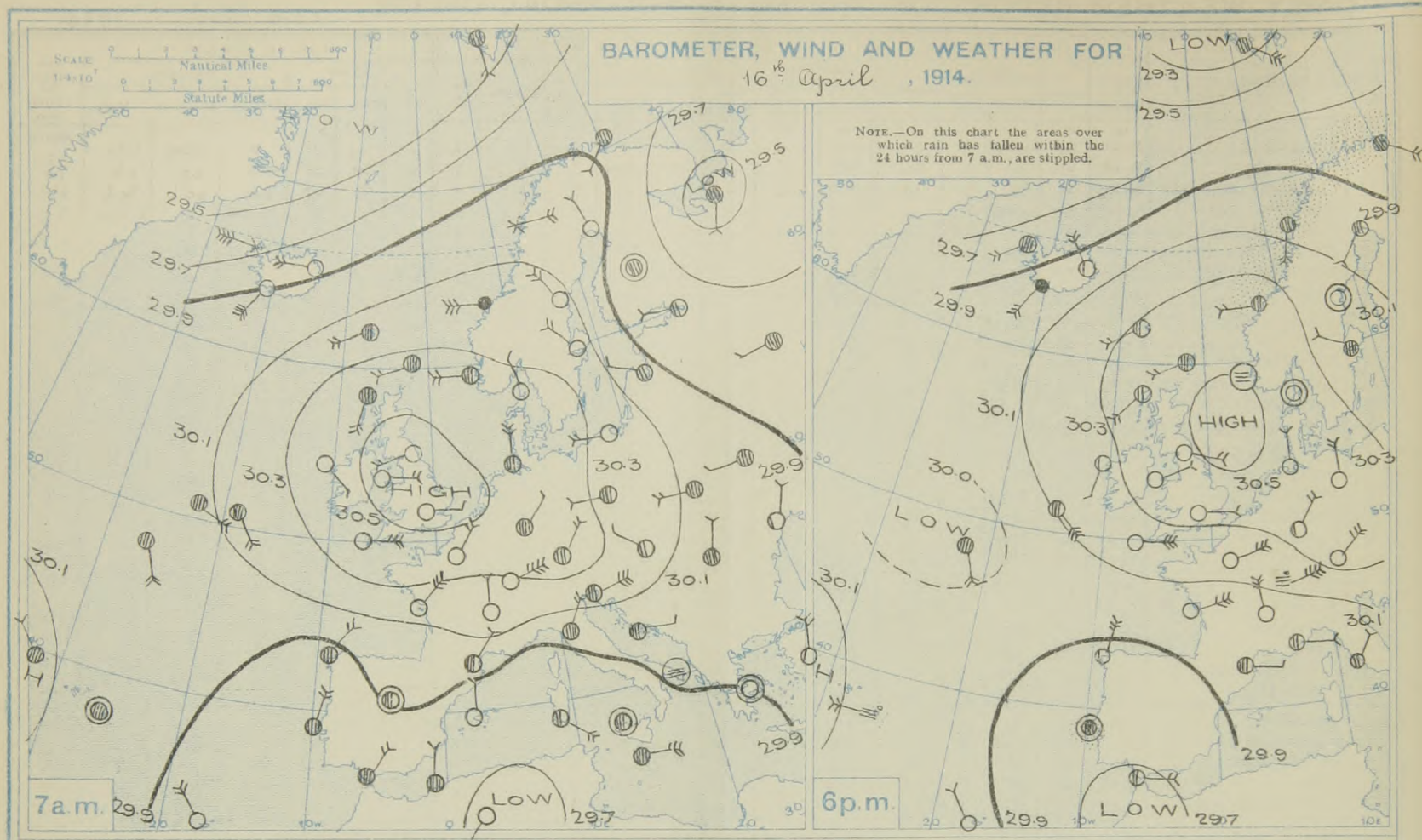


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
17th April 1914.

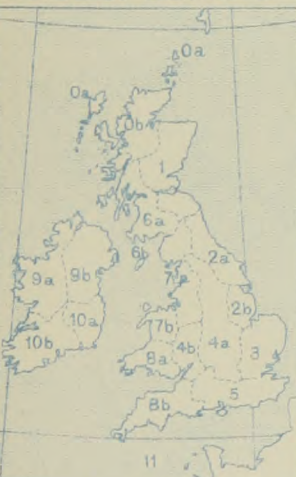
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.								PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	Barometer.		TEMP.		WIND.		Sea 0-9.	Rain- fall.	TEMP.		WEATHER.					
				Dir.	Force 0-12.		M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.			Weather.	Max.	Min.	Morning.	Afternoon	Night.		
		In.	F.				In.	In.	F.					In.	F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	30.41	48	WSW	3	c	30.41	-02	45	-2	S	2	bc	2	-	49	43	o	cpd	c-bc.	7.6	
	Stornoway ...	30.40	54	SW	4	bc	30.27	-02	49	+2	SSW	3	b	3	-	54	41	o-bc	bc	c-b	8.6	
	Castlebay (Barra Isd.)	30.37	51	SE	2	bc	30.23	-02	50	+3	SE	5	b	5	-	52	47	o-bc	bc-b	bc-b	8.9	
	Glasgow ...	30.40	59	WNW	1	b	30.36	-01	41	+3	E	3	b	*	-	61	38	cz-bc-b	b	b-bm	11.1	
	Eskdalemuir ...	30.42	57	-	0	b	30.38	-02	41	+13	N	1	b	*	-	62	28	b	bz	bz	.	
	Malin Head...	30.34	60	S	2	b	30.19	+01	46	+1	SE	2	m	1	-	61	44	bz	bz	bz	.	
	Blacksod Point	30.26	58	SSW	1	bz	30.06	-03	48	+2	SSE	4	bz	3	trace	60	44	bz	bz	bc.	.	
	Valencia ...	30.24	56	SE	3	bz	29.98	-05	51	+11	SE	5	bz	4	-	59	39	bz	bz	bcq	12.6	
	Roche's Point	30.33	51	SE	3	b	30.10	*	49	+6	E	5	b	5	trace	53	43	bz	bz	bc-bz	.	
	Birr Castle ...	30.31	59	SSE	1	m	30.11	*	47	+11	SE	2	bc	*	-	63	35	b	z	bc	12.1	
	Donaghadee	30.40	50	SW	2	bz	30.28	-04	47	+8	S	3	bm	3	-	52	39	bz	bz	bz-bm.	.	
	Liverpool Obsy.	30.39	58	SSE	1	m	30.31	-02	45	+7	ESE	3	b	2	-	63	38	bz	bm	bm	9.1	
	Holyhead ...	30.39	51	ENE	2	bm	30.24	-04	46	+1	E	2	bz	1	-	58	43	b-bcz	bm	bm	11.7	
	Pembroke (St. Ann's Hd.)	30.34	53	SE	4	b	30.16	-03	46	+2	ESE	6	bm	5	-	55	44	bm	bm	bm	11.6	
	Newquay ...	30.28	53	NE	3	b	30.07	-04	50	+4	E	6	bc	4	-	55	45	b	b	b	12.5	
	Scilly (St. Mary's)	30.24	48	E	6	bm	30.03	-03	49	+2	ESE	6	bm	6	-	53	46	bm	bm	bm	9.7	
	Jersey (St. Aubin)	30.26	53	NE	4	b	30.11	*	48	+2	E	4	bm	4	-	54	45	b	b	b	11.9	
	Portland Bill	30.32	49	ENE	5	b	30.15	-03	49	+5	ENE	7	b	4	-	49	42	b	b	b	.	
	Dungeness ...	30.39	49	ENE	5	c	30.29	00	49	+3	ENE	4	b	4	-	52	45	c-bc	bc	b	.	
	Dover ...	30.38	46	NNE	5	b	30.30	*	50	+4	NE	4	bz	4	-	50	43	bc	b	b	10.4	
Wick ...	30.43	46	SSW	3	bc	30.34	-02	45	-1	S	5	bm	3	-	52	44	bm	bm	bm-bm	.		
Nairn ...	30.40	58	-	0	bz	30.33	*	41	-5	-	0	bc	1	-	62	33	bz	bz	bcw	11.0		
Aberdeen ...	30.47	47	SE	2	b	30.42	00	41	+1	SSE	3	o	2	trace	57	39	b	b	b-o.d.	12.1		
Leith ...	30.41	49	N	1	b	30.36	-02	44	+2	ENE	2	o	*	-	62	40	b	b	bc	.		
North Shields	30.46	48	ESE	3	b	30.42	+02	44	+2	ESE	2	m	2	-	58	37	bz	bz	cz-m.	.		
Spurn Head	30.47	47	ESE	3	b	30.40	00	46	+3	ESE	3	bm	4	-	53	42	b	b	b	11.2		
Yarmouth ...	30.47	46	E	2	b	30.40	-02	47	+6	E	3	b	2	-	50	40	bc	b	bc	12.5		
Clacton-on-Sea	30.44	48	ENE	4	br	30.35	-01	49	+8	E	4	b	3	-	50	41	bc	bc	b	11.0		
Nottingham...	30.43	57	E	2	b	30.39	*	40	+4	E	3	b	*	-	62	34	bm	b	b	11.1		
Bath ...	30.37	59	E	3	m	30.26	*	46	+7	E	4	b	*	-	62	39	bm	bz	z-bz	11.8		
London (Kew Obsy.)	30.44	51	E	2	bz	30.31	-03	46	+5	ENE	4	bm	*	-	56	40	bz	bz	bz-bcom	11.4		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.28	28	SSE	6	o	29.24	+01	31	+6	S	5	o	*	*	31	21	GALES. — Duration and Extreme Force in British Islands.				
	Isafjord...	29.73	37	SW	4	o	29.54	-05	43	+10	SW	7	r	*	*	*	*					
	Reykjavik ...	29.85	42	S	5	o	29.60	00	42	+9	S	4	r	*	*	*	*					
	Vestmanna ...	29.96	42	SSW	5	r	29.63	-04	43	+7	SSE	4	o	2	*	*	*					*
	Seydisfjord ...	29.94	50	NW	4	b	29.76	-04	36	-3	WSW	2	c	*	*	*	*					
	Thorshavn ...	30.31	50	WSW	3	bc	30.15	-03	47	+4	S	2	c	*	*	*	*					
NORTHERN EUROPE.	Vardö ...	29.79	35	SSE	4	o	29.88	+04	37	+2	WNW	6	b	2	?	37	28					
	Bodö ...	30.09	41	SSW	4	o	30.28	+12	41	+8	SW	4	c	2	0.55	41	30					
	Christiansund ...	30.34	44	W	3	c	30.44	+02	44	0	SW	1	c	4	0.04	45	43					
	Skudesnaes ...	30.50	45	-	0	f	30.49	+01	44	0	N	2	f	1	-	48	41					
	Færder (X'lania Fjord)	30.35	44	SW	2	b	30.50	+04	42	-1	N	2	b	1	-	48	39					
	The Scaw (Skagen)...	30.37	44	-	0	b	30.50	+05	45	0	WSW	1	b	0	-	54	44					
	Blaavands Huk ...	30.44	45	NW	1	m	30.50	+07	42	-3	-	0	m	1	-	48	41					
	Haparanda ...	29.49	34	SW	2	c	30.14	+04	36	-4	NW	4	b	*	-	41	30					
	Hernösand ...	30.17	46	-	0	c	30.39	+05	44	+6	WNW	4	b	*	-	48	36					
	Stockholm ...	30.21	48	WNW	2	o	30.40	+05	45	+8	NNW	2	bc	*	-	48	37					
CENTRAL EUROPE.	Wisby ...	30.29	40	WSW	2	b	30.47	+08	43	+5	WNW	2	b	*	-	45	36					
	Karlstad ...	30.30	50	SW	2	b	30.51	+08	41	+2	ENE	2	b	*	-	57	32					
	St. Petersburg ...	30.01	34	WNW	1	o	30.14	+05	30	0	W	1	bc	*	-	*	28					
	Berlin ...	30.38	52	N	3	b	30.47	+04	46	+4	E	2	b	*	-	55	39					
	Frankfurt ...	30.29	50	NE	3	b	30.41	+01	41	0	NE	3	b	*	-	52	36					
	Munich ...	30.25	44	NE	5	b	30.35	+01	39	+1	NE	7	b	*	-	48	38					
	Vienna ...	30.37	?	N	3	b	30.38	+02	39	-3	N	3	b	*	trace	48	37					
	Cuxhaven ...	30.45	45	N	2	b	30.47	+04	40	-6	E	1	f	0	-	50	39					
	The Helder ...	30.47	47	N	1	b	30.45	+01	46	0	E	3	b	1	-	50	45					
	Brussels ...	30.38	49	ENE	3	b	30.34	-01	44	+2	ENE	2	b	*	-	57	36					
FRANCE.	C. Gris Nez...	30.35	47	NE	5	b	30.24	-01	43	+1	ENE	4	b	3	-	50	37					
	La Hève ...	30.28	54	ENE	3	b	30.17	*	45	+5	E	4	b	2	-	57	39					
	Ushant...	30.12	51	E	6	b	29.99	*	47	+1	E	4	b	*	-	52	43					
	Brest (St. Mathieu) ...	30.15	55	NE	4	b	30.02	-01	47	+1	E	5	b	3	-	63	46					
	Rochefort (Ile d' Aix)	29.99	59	ENE	6	b	29.95	00	48	+1	ENE	5	b	*	-	66	43					
	Biarritz ...	29.87	54	WNW	2	b	29.86	+03	56	+9	SSE	2	bc	2	-	59	46					
	Paris ...	30.24	57	ENE	4	b	30.19	-02	46	+5	E	2	b	*	-	60	40					
	Belfort ...	30.17	50	ENE	7	m	30.19	*	42	+1	ENE	7	m	*	-	54	35					
	Lyons ...	30.03	58	NNW	5	b	30.10	*	43	+2	-	0	b	4	-	62	40					
	Nice ...	29.96	57	E	2	bc	30.02	+01	53	-1	-	0	b	4	-	68	48					
SOUTHERN EUROPE.	Perpignan ...	29.99	56	E	1	c	30.02	+01	55	0	-	0	m	*	-	66	45					
	Sanguinaire ...	*	60	N	1	m	*	*	60	+2	NE	1	m	4	-	61	55					
	Corunna (8 a.m.) ...	29.86	61	NNE	5	b	29.76	00	54	0	E	1	f	3	-	63	45					
	Madrid ...	29.79	58	-	0	o	28.85	+05	57	+1	N	1	o	2	0.12	63	55					
	Lisbon (9 a.m.) ...	29.79	59	E	3	bc	29.81	*	59	+2	SE	3	c	2	-	63	55					
Gibraltar ...	29.92	59	NE	2	bc	29.93	00	52	0	N	2	b	*	-	73	50						
Rome ...	29.92	59	NE	2	bc	29.93	00	52	0	N	2	b	*	-	73	50						
Azores (Horta, 8 a.m.)	30.09	*	NNW	4	c	30.20	+04	53	-3	NNW	1	o	2	-	61	53						
Madeira (Funchal) ...	29.95	60	NW	2	b	30.00	+01	59	-1	NW	2	bc	2	-	68	57						





FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.



FORECAST DISTRICTS.





STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 

No  
Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

- |    |   |   |   |
|----|---|---|---|
| 0  | { | a | Wind between South-East and South or South-West, light or moderate to fresh; fair to bright generally; temperature rising.      |
| 1  | { | b |   |
| 2  | { | a | Wind between South-East and East, light to fresh; fair or bright; no great change of temperature.                               |
| 3  | { | b |   |
| 4  | { | a | Same as No. 5.  |
| 5  | { | b |   |
| 6  | { | a | Wind mainly Easterly, moderate generally, fresh to strong in places; fair or bright; no important change of temperature.        |
| 7  | { | b |   |
| 8  | { | a | Same as Nos. 0 and 1.   |
| 9  | { | b |   |
| 10 | { | a | Southerly or South-Easterly winds, light to fresh; fair or bright; moderate temperature.  |
| 11 | { | b |   |
| 12 | { | a | Same as No. 5.  |
| 13 | { | b |   |
| 14 | { | a | Wind between South-East and South, increasing somewhat in force; fair or bright, then cloudy or overcast; moderate temperature. |
| 15 | { | b |   |
| 16 | { | a | Wind mainly Easterly, moderate to strong or high; sea rather rough; fine, then cloudy or overcast.                              |
| 17 | { | b |   |

Millibars

1050 31

1040

1030

1020

1010

1000

990

980

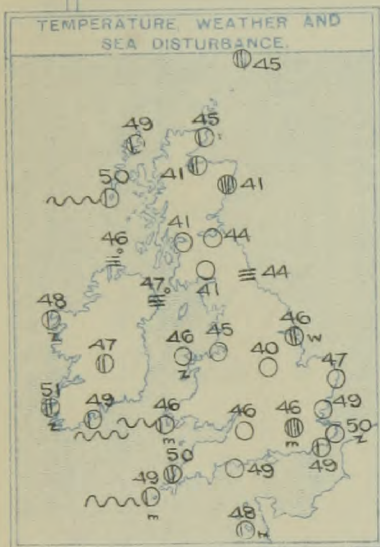
970



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

## GENERAL INFERENCE.

Although the anticyclonic centre is still moving away eastward, and the barometer is falling slowly over the United Kingdom, there are no definite indications of any important change in the general condition of the weather during the ensuing twenty-four hours.

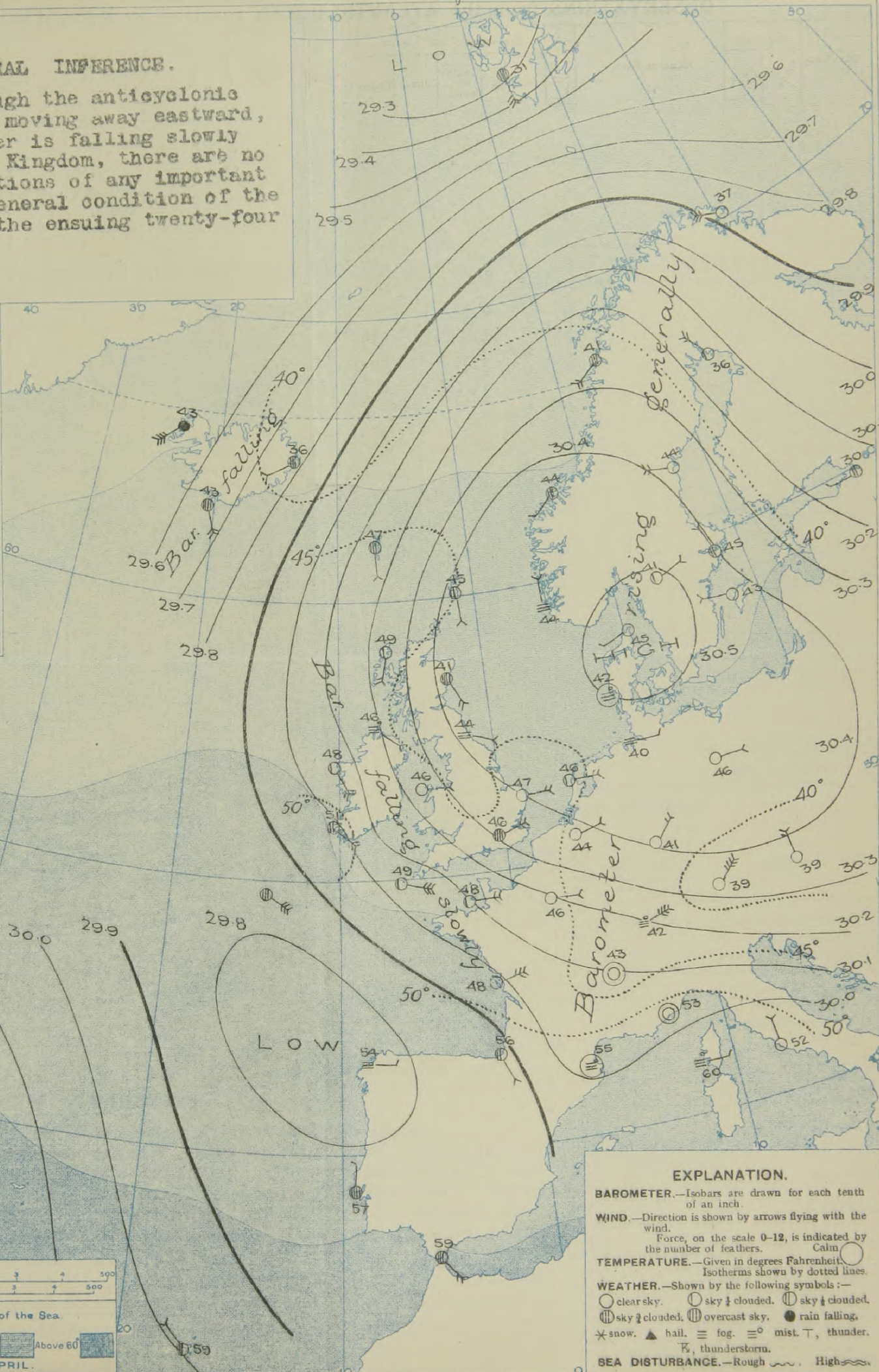
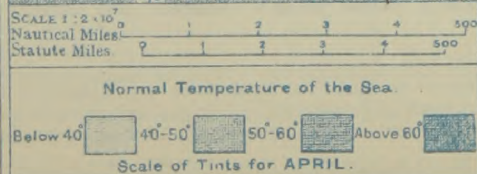


inches.

31

30

29



## EXPLANATION.

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

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

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

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

- clear sky.
- ◐ sky 1/4 clouded.
- ◑ sky 1/2 clouded.
- ◒ sky 3/4 clouded.
- ◓ overcast sky.
- rain falling.
- \* snow.
- ▲ hail.
- ≡ fog.
- ≡ mist.
- T, thunder.
- R, thunderstorm.

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



## DAILY WEATHER REPORT.

Friday, 17th April, 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.	
17th, 7am	49	14	Oceania	A	29.83	00	SE	6-7	c	16th, 7am	47	25	Oceania	A	30.02	-06	SSE	4-5	o
16th, 6pm	48	20		H	29.92	-02	SSE	4-5	o	"	50	21		H	30.08	00	ESE	4-5	o
"	51	14		H	30.06	-03	SE	6-7	c.	"	50	18		H	30.15	-01	SSE	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.	
Scot. land.	In.	F.	F.	b	b	Hr.	(Margate ... ..)	In.	F.	F.	b	b	Hr.
{ Oban ... ..	-	58	36	b	b	11.0	{ Ramsgate ... ..	-	51	44	b	b	11.0
{ St. Andrews ... ..	-	58	37	.	.	11.9	{ Folkestone ... ..	-	50	42	b	b	10.3
Eng. N.E.	-	62	34	b	b	10.9	{ Hythe ... ..	-	51	42	b	b	11.9
{ Scarborough ... ..	-	55	40	c.b	c.b	11.2	{ Littlestone ... ..	-	53	38	b	b	11.8
{ Skegness ... ..	-	55	36	b	b	11.8	{ Hastings ... ..	-	52	38	b.c.b	b	11.8
{ Douglas (I.O.M.) ... ..	-	57	38	b	b	12.0	{ Bexhill-on-Sea ... ..	-	54	39	b	b	9.8
{ Morecambe ... ..	-	59	34	b	b.c.	10.3	{ Eastbourne ... ..	-	59	36	b.c.b	b	9.5
Eng. N.W.	-	58	31	b	b.m.m	9.3	{ Seaford ... ..	-	50	34	b	b	9.8
{ Blackpool ... ..	-	56	32	f.m.c.b.	b.c.	8.3	{ Brighton ... ..	-	60	38	c.b.c	b.c.b	10.4
{ Southport ... ..	-	56	32	f.m.c.b.	b.c.	8.3	{ Worthing ... ..	-	58	38	b.c.b	b	9.4
Mid- lands.	-	60	29	b	b	10.5	{ Littlehampton ... ..	-	.	.	.	.	9.8
{ Buxton ... ..	-	60	32	b	b	10.3	{ Southsea ... ..	-	57	38	b	b	11.4
{ Leamington Spa ... ..	-	61	38	b	b	11.0	{ Ryde ... ..	-	53	36	b	b	11.0
{ Malvern ... ..	-	61	38	b	b	11.0	{ Ventnor ... ..	-	55	40	.	.	8.0
Wales.	-	66	32	b	b	11.6	{ Bournemouth ... ..	-	56	33	b	b	12.0
{ Rhyl ... ..	-	58	36	b	b	11.6	{ Weymouth ... ..	-	54	37	b	b	12.0
{ Colwyn Bay ... ..	-	57	36	b	b	11.8	{ Exmouth ... ..	-	55	39	b	b	12.0
{ Llandudno ... ..	-	65	40	c.b.	b.c.	11.5	{ Teignmouth ... ..	-	52	42	b	b	11.8
{ Aberystwyth ... ..	-	56	30	b	b	11.4	{ Torquay ... ..	-	52	44	c.b.c.b.	b	10.3
{ Tenby ... ..	-	56	30	b	b	11.4	{ Paignton ... ..	-	51	44	c.b.c.b.	b	7.3
England, E.	-	50	35	b	b	12.4	{ Falmouth ... ..	-	52	46	b.c.b	b	11.2
{ Lowestoft ... ..	-	50	35	b.c	b.u	12.0	{ Bude ... ..	-	59	49	b	b	12.2
{ Felixstowe ... ..	-	48	38	b.c.b	b.u	10.8	{ Ilfracombe ... ..	-	55	42	b	b	11.6
{ Walton-on-Naze ... ..	-	53	37	b	b	11.7	{ Weston-super-Mare ... ..	-	62	39	b	b	11.7
{ Southend-on-Sea ... ..	-	53	37	b	b	11.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	63	65	Hr.	F.	F.	F.	In.	b	b
City (Bunhill Row) ...	.	.	11.1	56	34	27	.	.	.
Westminster (St. James's Pk.)	.	.	11.4	60	39	34	.	b	b
Camden Sq. (Brit. Rainfall)	57	62	10.8	55	43	34	.	b.c	b.c
Hampstead (Reservoir) ...	.	71	12.0	.	.	.	.	b.c	b.c
Richmond Park ...	.	.	11.7	.	.	.	.	b.c	b.c
Kew. (See front page.)	.	.	11.7	.	.	.	.	b.c	b.c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	61	63	11.6	Total.	Average Rate.	Max. Rate.			
				1694 Joules	34.0 Milliwatts.	64.5 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.	-	55	37	35	b.m	b
Plymouth to 9 p.m.	-	54	43	39	b	b
Darwen "	-	61	35	32	b.c.f	b.c.g
Manchester "	-	64	33	.	b	b.c.b
Birmingham "	-	60	37	21	b	b
Oxford to 8 p.m.	.	61	33	27	b.b	b
S. Kensington (Museum Grounds to 6 p.m.)	-	58	39	28	.	b.b

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

17th & 18th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.53 4.51	G.M.T. 11.53 11.53	G.M.T. 6.52 6.53
Greenwich ...	5.3 5.1	12.0 11.59	6.57 6.58
Wick ...	4.58 4.55	12.12 12.11	7.26 7.28
Valencia ...	5.43 5.41	12.44 12.40	7.39 7.40

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° in several parts of the Kingdom, but only to about 50° along the east coast of England the minimum readings of the night were rather less low than of late. No rain was measured this morning in any part of our area except the north-west of Norway. Bright sunshine was again very prevalent over the United Kingdom, more than 11 hours being recorded at many stations, and more than 12 hours locally.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

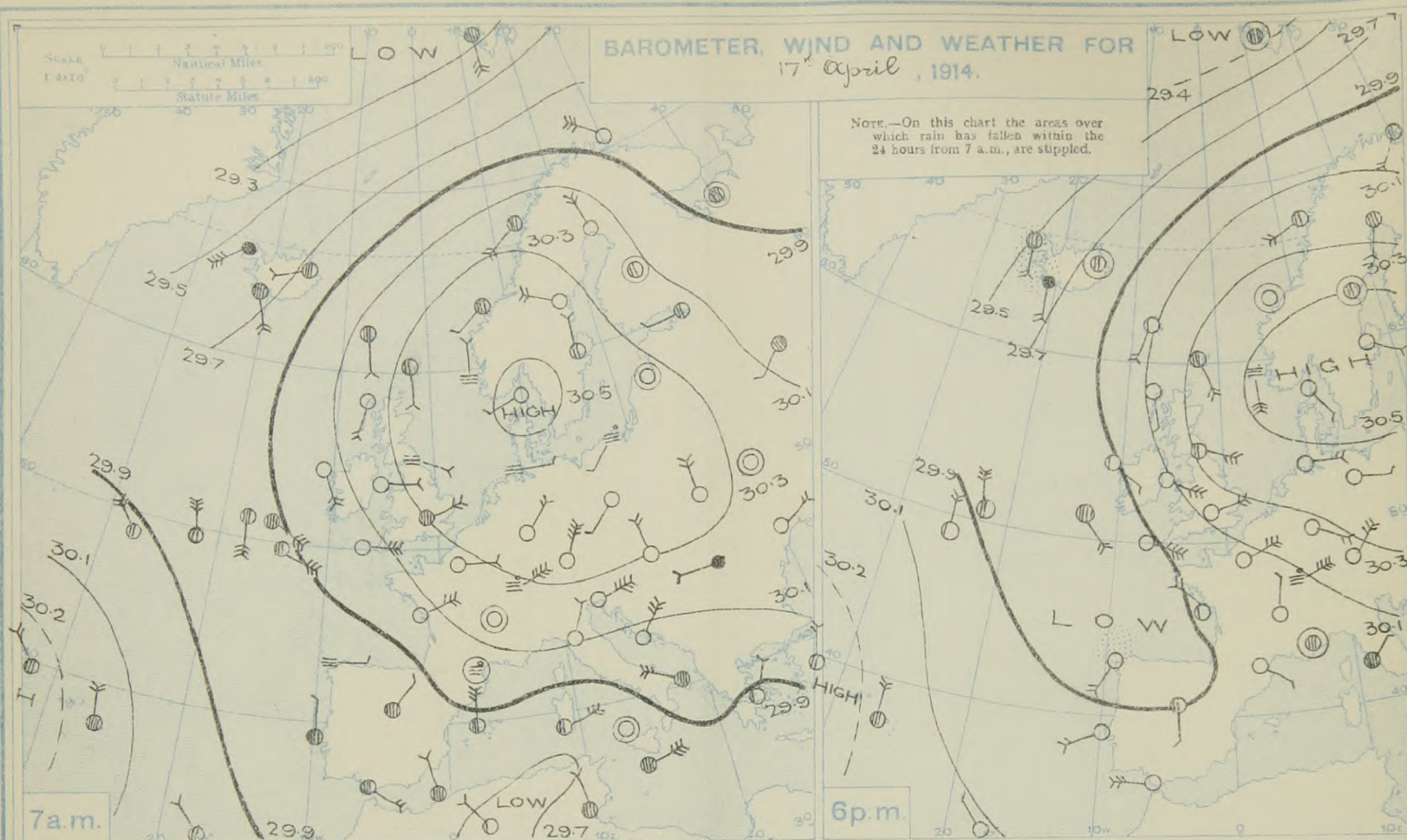


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
18th April, 1914.

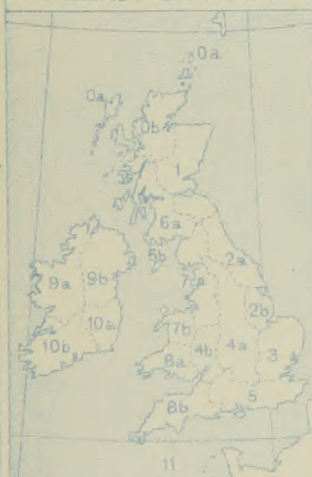
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp. F.	Wind		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Wind		Weather.	Sea 0-9.	Rain- fall.	Temp.		Weather.						
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick	30.35	44	SSE	4	c	30.36	+0.2	45	0	SSE	5	o	4	49	42	bc b	c	c. o.	11.6				
	Stornoway	30.11	58	S	1	bz	30.16	+0.2	47	-2	SSE	1	bz	1	49	40	bz	bz	bz	11.4				
	Castellbay (Barra Isd.)	30.16	54	E	5	bz	30.13	+0.1	48	-2	SE	5	b	5	56	46	bcm	bcm bz	bc. b.	10.4				
	Glasgow	30.16	54	EME	4	bz	30.24	0.0	42	+1	ENE	3	bm	*	66	38	b	b	b	11.3				
	Eskdalemuir	30.22	53	E	4	b	30.26	0.0	44	+3	ENE	1	b	*	63	35	b	b	b	11.3				
	Malin Head	30.01	58	S	4	m	30.03	0.0	46	0	SSE	5	m	2	60	43	bz q	bz	bz q	11.4				
	Blacksod Point	29.89	58	SE	1	bz	29.96	+0.3	49	+1	SSE	2	bcm	2	60	42	bz	bz	bcm	11.4				
	Valencia	29.85	53	ESE	4	bz	29.92	+0.6	52	+1	ESE	1	om	3	56	50	bz	bz	bc. om	11.4				
	Roche's Point	29.94	52	ESE	4	b	29.97	*	50	+1	SE	4	o	4	53	49	b. bc. bz	bz	b. om	11.4				
	Birr Castle	29.94	59	SE	4	b	29.97	*	50	+2	SE	2	c	*	62	46	bc	c	bc. c.	11.4				
	Donaghadee	30.08	54	SE	5	bz	30.13	+0.2	47	0	SE	6	bz	5	56	46	bz	bz	bz. bz	12.1				
	Liverpool Obsy.	30.10	57	E	6	b	30.17	+0.2	45	0	ESE	3	b	3	62	42	b	b	b	12.1				
	Holyhead	30.02	59	ESE	6	bm	30.09	+0.2	49	+3	E	2	bz	1	62	44	bz	b. bc. bz	bz	12.7				
	Pembroke (St. Ann's Hd.)	29.98	55	SE	4	b	30.02	+0.4	49	+3	ESE	5	cm	4	59	46	bm	bm	bq. m.	11.7				
	Newquay	29.92	54	E	7	bz	29.98	+0.3	52	+2	ESE	5	bz	3	56	49	bz	bz	b	12.0				
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	29.88	51	ESE	7	bm	29.96	+0.5	51	+2	SSE	3	cm	5	53	48	bm	bm	bm. m.	8.8				
	Jersey (St. Aubin)	29.98	59	EME	4	b	30.05	*	52	+4	E	3	bm	3	61	46	b	b	bm	12.1				
	Portland Bill	30.05	52	E	6	b	30.08	+0.4	50	+1	E	6	b	5	53	48	b	b	b	12.1				
	Dungeness	30.12	51	ME	4	b	30.20	+0.2	49	0	ME	4	b	4	54	46	b	b	b	12.1				
	Dover	30.13	50	ME	5	b	30.21	*	50	0	E	5	b	5	54	46	b	b	b	12.1				
	Wick	30.24	45	SE	7	m	30.24	+0.3	45	0	SSE	8	bz	6	48	42	bm. bz	bz	bm. bz	11.0				
	Nairn	30.16	64	S	1	bz	30.24	*	46	+5	S	1	bz	2	70	35	bz	bz	bc	2.6				
	Aberdeen	30.34	43	SSE	4	o	30.34	-0.1	46	+5	SSE	2	o	3	46	41	bc. o	c. o	o. c.	5.1				
	Leith	30.21	57	ESE	3	b	30.28	-0.2	46	+2	E	2	b	3	63	41	b	b	b. c.	11.7				
	North Shields	30.31	43	ESE	5	bc	30.30	+0.2	46	+2	ESE	3	b	3	48	42	cg. o	b	o. c.	11.7				
	Spurn Head	30.29	47	ESE	5	b	30.28	+0.1	48	+2	SE	5	b	5	53	42	bc	bc	b	12.3				
	Yarmouth	30.27	48	EME	5	b	30.31	+0.1	49	+2	EME	2	b	2	51	42	b	b	b	11.6				
	Clacton-on-Sea	30.21	51	ME	6	bz	30.25	+0.2	50	+1	ESE	5	bz	4	52	49	b	bz	bz	12.6				
	Nottingham	30.22	53	E	6	bz	30.24	*	47	+7	ESE	3	bz	*	59	40	b	b	b	11.9				
	Bath	30.08	59	E	5	b	30.15	*	49	+3	E	3	b	*	65	43	bq	bq	bq	11.0				
London (Kew Obsy.)	30.16	53	EME	4	b	30.20	+0.3	48	+2	ENE	2	bm	*	57	44	om. ob. bz	bq. b	b. m.	11.0					
NORTHERN EUROPE.	Spitzbergen	29.37	27	-	0	o	29.49	+0.8	27	-4	N	2	b	*	32	21	GALES. Duration and Extreme Force in British Islands.  Scilly 17th, 11 a.m. Squalls ESE 8.  Wick 17th, mid. to 18th, 7 a.m. Extreme SSE 8.							
	Isafjord	29.50	42	S	3	c	29.58	+1.3	42	-1	-	0	bc	*	*	*								
	Reykjavik	29.58	37	-	0	r	29.42	+1.2	38	-4	-	0	c	*	*	*								
	Vestmanna	29.57	44	S	3	r	29.86	+0.6	36	-7	WSW	1	b	3	*	*					*			
	Seydisfjord	29.75	55	-	0	bc	29.78	+0.3	42	+6	-	0	bc	*	*	*								
	Thorshavn	30.10	58	SSW	3	b	30.11	-0.1	45	-2	-	0	m	*	*	*								
	Vardö	29.97	36	SW	4	bc	29.67	-0.5	37	0	NW	8	c	3	37	30								
	Bodö	30.25	44	SW	4	bc	30.26	+0.1	43	+2	SW	7	o	4	45	37								
	Christiansund	30.45	49	-	0	b	30.47	+0.2	43	-1	-	0	b	3	50	41								
	Skudesnaes	30.52	41	S	6	f	30.63	+0.1	44	0	E	2	bc	2	48	37								
	Færder (X'ianta Fjord)	30.54	44	WSW	1	bc	30.58	+0.1	44	+2	WSW	2	b	1	50	41								
	The Scaw (Skagen)	30.56	47	SSE	1	b	30.62	+0.3	46	+1	SW	1	b	0	59	39								
	Blaavands Huk	30.62	45	SE	1	b	30.58	+0.4	47	+5	ESE	3	b	2	55	36								
	Haparanda	30.28	37	SSW	2	c	30.12	-0.3	42	+6	W	2	o	*	46	30								
	Hernösand	30.50	46	-	0	bc	30.47	0.0	46	+2	S	2	b	*	54	36								
Stockholm	30.52	46	SE	2	b	30.51	0.0	47	+2	WSW	2	b	*	55	37									
Wisby	30.55	42	-	0	b	30.60	0.0	45	+2	SW	2	b	*	46	36									
Karlstad	30.53	47	-	0	b	30.60	+0.2	43	+2	-	0	b	*	55	32									
St. Petersburg	30.45	55	E	1	b	30.54	+0.4	46	0	E	3	b	*	59	41									
CENTRAL EUROPE.	Berlin	30.28	57	SE	3	b	30.38	+0.4	47	+6	SE	6	b	*	59	41								
	Frankfurt	30.29	43	ME	5	b	30.29	+0.2	39	0	E	6	b	*	46	32								
	Munich	30.26	45	NNE	2	b	30.34	+0.2	41	+2	N	2	b	*	54	39								
	Vienna	30.46	50	E	3	b	30.52	+0.2	47	+7	E	3	b	1	55	40								
	Cuxhaven	30.30	55	E	3	b	30.42	+0.4	48	+2	E	3	b	1	57	46								
	The Helder	30.21	53	ENE	4	b	30.27	+0.3	46	+2	ENE	3	b	*	61	39								
	Brussels	30.12	56	ENE	4	m	30.19	+0.2	44	+1	ENE	5	b	4	59	39								
	C. Gris Nez	30.06	58	E	4	b	30.11	*	46	+1	E	4	b	3	63	37								
	La Hève	29.91	54	SSE	6	b	29.95	*	53	+6	S	1	b	3	59	43								
	Ushant	29.87	61	SE	4	b	29.04	+0.3	52	+5	SE	3	c	3	68	47								
	Brest (St. Mathieu)	29.92	62	NW	3	b	29.97	+0.3	54	+6	SE	3	bc	*	75	46								
	Rochefort (Ile d' Aix)	29.86	60	NE	2	c	29.91	+0.1	62	+6	-	0	b	2	72	56								
	Biarritz	30.05	59	EME	4	b	30.13	+0.2	48	+2	EME	2	b	*	66	39								
	Paris	30.09	52	EME	7	m	30.18	*	43	+1	EME	7	m	*	59	36								
	Belfort	30.00	60	NNE	1	b	30.06	*	47	+4	SE	1	b	*	64	43								
SOUTHERN EUROPE.	Lyons	30.06	50	-	0	c	30.10	0.0	53	0	-	0	c	6	61	48								
	Nice	30.02	57	SE	1	b	30.10	+0.1	54	?	-	0	b	*	65	43								
	Perpignan	*	57	W	3	m	*	*	?	?	E	3	m	3	64	45								
	Sanguinaire	30.24	61	NW	3	c	30.28	-0.1	56	+3	SW	4	bc	3	61	50								
	Azores (Horta, 8 a.m.)	30.11	61	NW	1	b	30.15	+0.4	62	+3	NE	3	o	2	66	59								
	Madrid	29.99	59	S	1	bc	29.04	+0.4	53	-2	SW	1	bc	*	59	45								
	Lisbon (8 a.m.)	29.99	58	WSW	3	b	30.02	+0.4	55	-2	NW	3	o	5	63	54								
	Gibraltar	30.00	59	W	5	b	30.02	*	57	-2	NW	5	bcw	1	67	55								
	Rome	29.95	54	NE	1	o	29.97	0.0	48	-4	N	1	b	*	64	45								
	Azores (Horta, 8 a.m.)	30.24	61	NW	3	c	30.28	-0.1	56	+3	SW	4	bc	3	61	50								
	Madeira (Funchal)	30.11	61	NW	1	b	30.15	+0.4	62	+3	NE	3	o	2	66	59								





FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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

No Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

0 { a } Southerly or South-Easterly winds, moderate, fresh or strong at times; fair or bright; moderately warm.

1 { a } South-Easterly winds, light to fresh; fair or bright; moderate temperature.

2 { a } Same as No. 5

3 { a } Same as No. 2.

4 { a } Easterly winds, moderate to fresh, strong at times locally; fair or bright; warm inland during day.

5 { a } Same as Nos. 0 and 1.

6 { a } Easterly and South-Easterly winds, light or moderate; fair or bright; moderately warm.

7 { a } Same as No. 5.

8 { a } Same as No. 2.

9 { a } Easterly winds, light to fresh; cloudy to fairer; moderate temperature

10 { a } Wind between South-East and East, moderate to strong; sea rather rough; mostly fair.

Millibars  
1050—31

1040

1030

1020

1010

1000

990

980

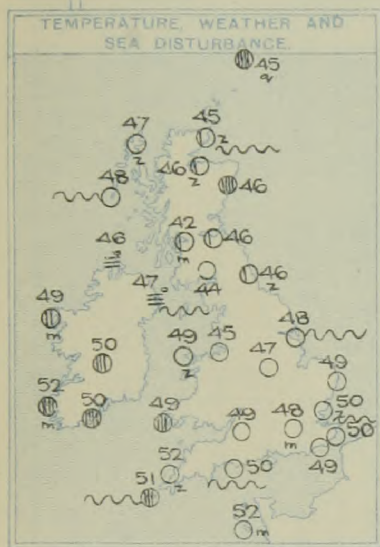
970



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

## GENERAL INFERENCE.

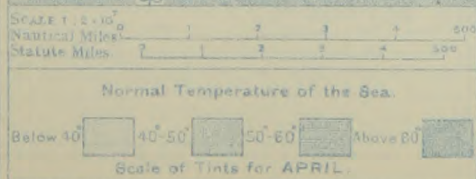
The large anticyclonic system centred over the south of Scandinavia will continue to influence the winds and weather over the United Kingdom, while the depression to the south-westward seems likely to disperse.



inches  
— 31

— 30

— 29



## EXPLANATION.

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

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

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

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

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



## DAILY WEATHER REPORT.

Saturday 18th April, 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.	
18th, 7 a.m.	50	15	Junisian	H	29.80	+0.3	NRW	4-5	c.	17th, 6 p.m.	50	20	Junisian	H	29.72	+0.3	NRW	6-7	bc.
" "	51	13	Harford	O	29.93	+1.1	N	1-3	c	17th, 1 p.m.	51	14	Harford	H	29.79	"	SSE	4-5	b.
17th, 6 p.m.	49	24	Barconia	H	30.09	+0.2	N	4-5	b	" 7 a.m.	48	27	Barconia	O	29.93	"	NW	4-5	bc.
" "	51	12	Lynolia	H	29.82	"	SSE	4-5	o	" "	50	17	Junisian	O	29.79	-0.4	S	6-7	c
" "	49	8	Chenice	H	29.83	+0.3	E	4-5	c	" "	50	15	Lynolia	H	29.80	+0.3	SSE	6-7	o
" "	49	21	Virginian	O	29.95	+0.6	NW	6-7	b	" "	48	24	Andania	H	29.78	+0.1	NE	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 ...	-	52	40	b	b	8.5	{ Ramsgate ...	-	53	45	b	b	11.4
{ St. Andrews ...	-	52	35	"	"	10.0	{ Folkestone ...	-	56	41	b	b	11.6
Eng. N.E.							{ Hythe ...	-	57	44	b	b	11.9
{ Harrogate ...	-	58	33	b	b	11.8	{ Littlestone ...	-	"	"	"	"	12.3
{ Scarborough ...	-	46	39	bc.	of	16	{ Hastings ...	-	57	44	b	b	12.5
{ Skegness ...	-	50	39	b	b	12.0	{ Bexhill-on-Sea ...	-	59	44	b	b	12.0
{ Douglas (10 m.) ...	-	58	44	b	b	12.0	{ Eastbourne ...	-	59	46	b	b	12.0
Eng. N.W.							{ Seaford ...	-	59	42	b	b	12.4
{ Morecambe ...	-	59	44	b	b	11.4	{ Brighton ...	-	62	44	b	b	12.1
{ Blackpool ...	-	63	40	b	b	12.0	{ Worthing ...	-	61	44	b	b	12.6
{ Southport ...	-	64	32	b	b	11.5	{ Littlehampton ...	-	62	45	b	b	10.8
Mid- lands.							{ Southsea ...	-	62	45	b	b	12.5
{ Buxton ...	-	57	30	b	b	11.7	{ Ryde ...	-	56	49	b	b	11.5
{ Leamington Spa ...	-	61	38	b	b	12.2	{ Ventnor ...	-	56	45	b	b	12.8
{ Malvern ...	-	61	39	b	b	11.3	{ Bournemouth ...	-	61	43	b	b	12.3
Wales.							{ Weymouth ...	-	58	43	b	b	11.8
{ Rhyl ...	-	64	40	b	b	12.7	{ Exmouth ...	-	53	46	b	b	10.3
{ Colwyn Bay ...	-	64	41	bc.	b	12.5	{ Teignmouth ...	-	53	47	b	b	10.8
{ Llandudno ...	-	64	44	bc.	bc.	12.0	{ Torquay ...	-	54	47	b	b	11.2
{ Aberystwyth ...	-	65	46	bc.	bc.	12.3	{ Paignton ...	-	54	45	bc.	b	9.7
{ Tenby ...	-	59	51	b	b	11.8	{ Falmouth ...	-	53	48	bc.	b	11.4
England, E.							{ Bude ...	-	59	43	b	b	11.5
{ Lowestoft ...	-	52	43	b	bc.	11.5	{ Ilfracombe ...	-	64	46	b	b	12.0
{ Felixstowe ...	-	51	41	b	bc.	12.5	{ Weston-super-Mare ...	-	65	40	b	b	12.0
{ Walton-on-Naze ...	-	50	45	b	bc.	11.8							
{ Southend-on-Sea ...	-	56	42	b	b	12.0							

## 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.
	24 HOURS ENDED 9 A.M. TO-DAY.									
	%	%		Hr.	F.°	F.°	F.°	In.		
Greenwich (Royal Obsy.) ...	59	44	10.5	59	41	28	-	b	b	b. b.
City (Bunhill Row) ...	"	"	10.8	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	"	"	11.0	"	"	"	"	"	"	"
Camden Sq. (Brit. Rainfall)	50	55	10.9	61	41	32	-	b	b	
Hampstead (Reservoir) ...	"	56	11.3	57	42	35	-	bc	bc	bc
Richmond Park	"	"	11.0							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
				Total. 1819 Joules			Average Rate. 36.3 Milliwatts.		Max. Rate. 68.0 Milliwatts.	
S. Kensington (Roof of M.O.)	54	48	10.6							

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

18th & 19th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.51	G.M.T. 11.52	G.M.T. 6.53
Greenwich ...	4.49	11.52	6.54
Wick ...	5.1	11.59	6.58
Valencia ...	4.59	11.59	6.59
	4.55	12.11	7.28
	4.52	12.11	7.30
	5.41	12.40	7.40
	5.39	12.40	7.41

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° at Nairn, and to above 60° in many parts of England and Ireland. The night generally was milder than of late. The weather continued dry in all districts, with much bright sunshine except on some parts of the north-east coast, where there was fog or mist. According to wireless reports a South-Easterly breeze prevailed off the west coast of Ireland for some distance on the Atlantic, but beyond the 20th meridian the wind was Northerly.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

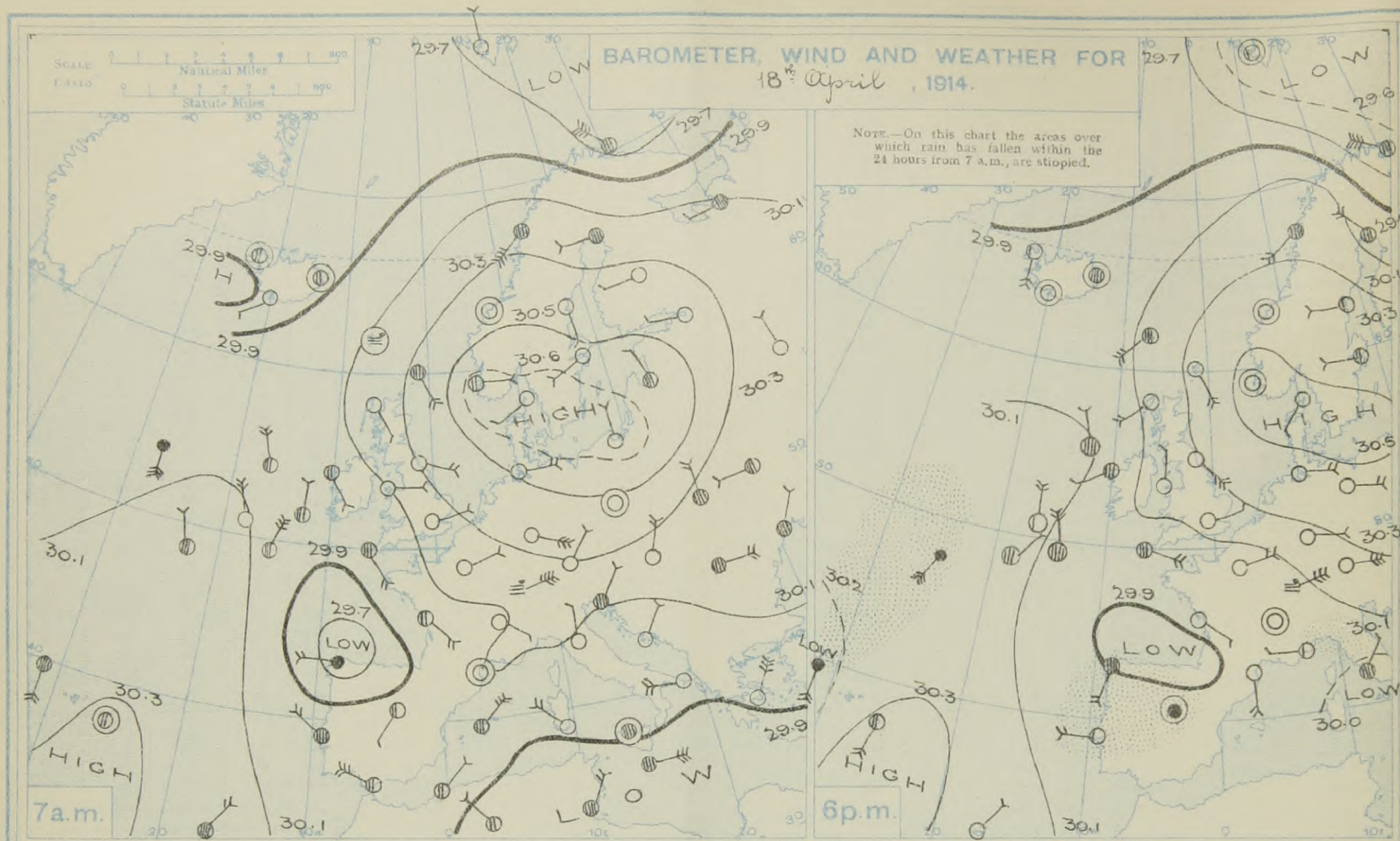


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
19th April 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°.	Temp. F.	WIND.		Weather.	M.S.L. Lat. 45°.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea U-9.	Rain- fall.	Temp.		Weather.					
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	30.22	48	SSE	4	bz	30.22	-0.02	46	+1	SSE	5	b	4	-	50	44	c.bz	bz	bm	11.6		
	Stormoway	30.15	60	SW	3	bz	30.20	+0.02	49	+2	SW	4	cq	3	-	60	46	bz	bz	cq.bz.cq	8.8		
	Castlebay (Barra Isd.)	30.14	53	ESE	4	om	30.20	+0.01	49	+1	E	2	om	2	-	55	47	b.odm	b.om	b.om	12.2		
	Glasgow	30.18	62	SE	2	b	30.28	-0.00	41	-1	E	1	b	1	-	65	38	b	b	b.b	11.9		
	Eskdalemuir	30.21	57	SE	4	b	30.32	-0.00	37	-7	-	0	bz	1	-	62	29	b	b	b	11.9		
	Malin Head	30.09	59	SSW	2	z	30.18	+0.03	47	+1	SW	2	m	1	-	62	45	bz	bz	bz	0.6		
	Blackod Point	30.09	54	WSW	1	cgm	30.16	+0.02	50	+1	-	0	bz	0	Trace	56	44	cm	cm	b.b	0.6		
	Valencia	30.09	53	WNW	1	cq	30.18	+0.02	46	-6	-	0	bz	4	-	56	42	oz	oz	b.bz	0.6		
	Roche's Point	30.10	52	ESE	3	b	30.22	-	46	-4	NE	1	b	2	Trace	54	41	b.bz	bz	bz	2.7		
	Birr Castle	30.08	58	S	1	c	30.20	-	43	-7	SSW	1	b	3	-	58	39	c	c	b	12.2		
	Donaghadee	30.14	56	SE	4	bz	30.26	+0.03	45	-2	SE	3	bz	3	-	56	41	bz	bz	bz	12.4		
	Liverpool Obsy.	30.16	59	ESE	4	b	30.26	-0.00	45	0	ESE	2	b	2	-	63	42	b	b	bm	9.3		
	Holyhead	30.13	58	N	1	bz	30.24	+0.03	46	-3	M	2	bz	1	-	65	48	bz	bz	bz	11.5		
	Pembroke (St. Ann's Hd.)	30.09	56	SE	4	b	30.21	+0.02	47	-2	NE	2	b	2	-	58	44	cm	bm	bm	5.0		
	Newquay	30.04	56	ESE	4	b	30.13	+0.03	55	+3	SE	3	b	3	-	59	41	b	b	b	12.7		
	Scilly (St. Mary's)	30.01	51	ESE	4	cm	30.10	+0.02	50	-1	E	3	bm	3	-	58	46	cm	cm	bm.b	12.7		
	Jersey (St. Aubin)	30.03	60	ME	4	b	30.13	-	52	0	E	3	b	3	-	52	47	b	b	b	12.7		
	Portland Bill	30.08	51	E	5	b	30.14	+0.02	50	0	EME	3	b	3	-	52	49	b	b	b	12.7		
	Dungeness	30.14	53	EME	3	b	30.22	+0.01	50	+1	EME	4	b	4	-	56	37	b	b	b	12.7		
	Dover	30.13	54	ME	4	b	30.24	-	51	+1	E	4	b	4	-	58	45	b	b	b	12.7		
ICELAND, FAEROE, &c.	Wick	30.23	48	SSE	6	b	30.20	-0.01	37	-8	SSE	4	bcm	4	-	49	43	bz	bz	bz.bcm	11.7		
	Nairn	30.18	61	S	2	bz	30.24	-	47	+1	-	0	bcm	1	-	68	28	bq	bq	bcm	10.2		
	Aberdeen	30.32	47	SSE	3	b	30.29	-0.01	45	-1	S	2	b	2	-	53	41	c.bzq	bq	bw	12.0		
	Leith	30.20	59	SE	3	b	30.27	-0.02	43	-3	SSE	1	b	3	-	66	36	b	b	b	11.5		
	North Shields	30.29	47	SE	5	b	30.32	+0.01	37	-9	SW	2	f	3	-	53	34	b	b	b.b	12.1		
	Spurn Head	30.26	48	ESE	5	b	30.29	+0.01	50	+2	ESE	2	bw	4	-	51	44	b	b	b	11.6		
	Yarmouth	30.27	50	EME	5	b	30.31	+0.01	51	+2	EME	2	b	2	-	53	47	b	b	b	12.7		
	Clacton-on-Sea	30.20	53	EME	5	bz	30.25	+0.01	52	+2	ESE	4	bz	4	-	55	50	bz	bz	bz	12.7		
	Nottingham	30.21	56	SE	4	b	30.30	-	49	-7	E	1	bm	1	-	62	32	b	b	b	11.8		
	Bath	30.13	62	E	3	b	30.23	-	43	-6	E	3	b	1	-	65	38	bq	bq	b	12.2		
London (Rev. Obsy.)	30.17	56	EME	1	bm	30.25	+0.03	48	0	E	2	bm	1	-	59	43	bm.b	b.b	bm.b	12.2			
NORTHERN EUROPE.	Spitzbergen	29.56	13	-	0	b	29.36	-0.08	28	+1	SE	8	o	1	-	28	7	-	-	-	-		
	Isafjord	29.91	42	S	4	b	29.89	-0.04	36	-6	-	0	c	1	-	-	-	-	-	-	-		
	Reykjavik	30.02	42	SSW	2	bc	29.89	-0.06	36	-2	E	3	bc	1	-	-	-	-	-	-	-		
	Vestmanna	30.00	42	-	0	b	29.91	-0.04	39	+3	ESE	2	bc	2	-	-	-	-	-	-	-		
	Seydisfjord	30.00	41	-	0	o	29.96	-0.04	33	-9	-	0	b	1	-	-	-	-	-	-	-		
	Thorshavn	30.11	51	SW	5	c	30.05	-0.00	46	+1	WSW	2	m	1	-	-	-	-	-	-	-		
	Vardö	29.66	34	MW	8	c	29.94	-0.00	35	-2	M	2	o	2	-	37	28	-	-	-	-		
	Bodö	30.27	42	SW	4	o	30.12	-0.06	45	+2	SW	6	o	4	-	45	39	-	-	-	-		
	Christiansund	30.42	47	-	0	b	30.31	-0.04	44	+1	-	0	b	4	-	48	41	-	-	-	-		
	Skudesnaes	30.53	46	-	0	b	30.45	-0.02	45	+1	SE	4	b	1	-	50	41	-	-	-	-		
CENTRAL EUROPE.	Færder (Xianla Fjord)	30.49	45	WSW	2	b	30.43	-0.01	44	0	SW	4	b	2	-	48	41	-	-	-	-		
	The Scaw (Skagen)	30.55	49	SW	1	b	30.50	-0.01	47	+1	WSW	1	b	0	-	63	43	-	-	-	-		
	Blaavands Huk	30.51	42	ESE	1	b	30.51	+0.02	42	-5	SE	1	b	0	-	57	30	-	-	-	-		
	Haparanda	30.04	45	MW	4	c	30.17	-0.01	33	-9	M	2	c	1	-	52	28	-	-	-	-		
	Hernösand	30.33	52	W	2	b	30.30	-0.01	49	+3	WNW	2	b	1	-	59	39	-	-	-	-		
	Stockholm	30.38	56	W	2	bc	30.35	-0.01	49	+2	W	2	b	1	-	61	41	-	-	-	-		
	Wisby	30.48	45	WSW	4	b	30.41	-0.02	44	-1	WSW	2	b	1	-	48	39	-	-	-	-		
	Karlstad	30.47	55	W	2	b	30.41	-0.02	43	0	W	2	b	1	-	61	32	-	-	-	-		
	St. Petersburg	30.13	37	WNW	1	bc	30.03	+0.04	40	-	MW	2	b	1	-	4	37	-	-	-	-		
	Berlin	30.47	57	E	3	b	30.51	+0.01	49	+3	E	1	b	1	-	61	41	-	-	-	-		
FRANCE.	Frankfurt	30.26	59	E	2	b	30.32	+0.02	50	+3	E	5	b	1	-	63	46	-	-	-	-		
	Munich	30.24	46	E	6	bc	30.24	-0.01	45	+6	E	5	b	1	-	50	36	-	-	-	-		
	Vienna	30.32	50	MME	1	b	30.45	+0.04	44	+3	ME	1	b	1	-	57	39	-	-	-	-		
	Cuxhaven	30.47	52	E	3	b	30.47	-0.00	48	+1	ESE	2	b	0	-	57	45	-	-	-	-		
	The Helder	30.31	57	E	3	b	30.37	+0.02	51	+3	ESE	2	b	1	-	59	48	-	-	-	-		
	Brussels	30.20	54	EME	2	b	30.25	+0.02	50	+4	EME	4	b	1	-	63	42	-	-	-	-		
	C. Gris Nez	30.13	58	EME	4	b	30.21	+0.01	48	+4	E	5	b	4	-	64	43	-	-	-	-		
	La Hève	30.05	62	E	2	b	30.13	-	48	+2	E	4	b	2	-	64	41	-	-	-	-		
	Ushant	29.94	55	EME	3	bc	30.07	-	52	-1	ME	2	b	3	-	59	46	-	-	-	-		
	Brest (St. Mathieu)	29.97	59	WNW	2	bc	30.10	+0.03	49	-3	EME	3	b	2	-	77	46	-	-	-	-		
SOUTHERN EUROPE.	Rochefort (Ile d'Aix)	29.93	68	ESE	1	b	30.00	+0.04	50	-4	E	3	bc	1	-	77	48	-	-	-	-		
	Biarritz	29.86	70	EME	3	b	29.98	+0.04	54	-8	WNW	3	o	2	-	73	52	-	-	-	-		
	Paris	30.08	60	EME	3	b	30.13	+0.02	50	+2	ME	2	b	1	-	67	41	-	-	-	-		
	Belfort	30.06	54	EME	6	m	30.17	-	46	+3	EME	6	m	1	-	58	41	-	-	-	-		
	Lyons	30																					





PILOT BALLOON ASCENTS for the PAST WEEK.  
Component Velocities to East and to North in Metres per Second.

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

FURTHER OUTLOOK.

		Compt to E.	Compt to N.	Compt to E.	Compt to N.	Compt to E.	Compt to N.	Compt to E.	Compt to N.	Compt to E.	Compt to N.	Compt to E.	Compt to N.	Compt to E.	Compt to N.
Station		Eskdalemuir		Eskdalemuir		South Farnboro'		Eskdalemuir		Upavon		Eskdalemuir		South Farnboro'	
Date and hour		14th 12h 45m.		15th 12h 37m.		16th 7h.		16th 10h.		16th 12h.		17th 10h.		17th 11h.	
Heights in Kilometres.	7.0							+6	+4						
	6.0							+3	+3						
	5.0							+1	+5						
	4.0							+1	+3						
	3.0			+2	-7			+5	-1						
	2.0			+3	-0	-14	-2	+6	+1	-20	+1	0	+5		
	1.0	+10	-6	+8	-1	-12	-3	0	-1	-15	+1	-5	+10	-9	+4
	0.5	+9	-5	+4	+2	-9	+1	+1	+4	-8	0	-7	+6	-13	+1
Ground		-	-	-	-	-1	-1	0	+3	-5	-1	-5	+5	+9	-1
Station		South Farnboro'		Eskdalemuir		Eskdalemuir									
Date and Hour		18th 7h.		18th 10h.		19th 10h.									
Heights in Kilometres.	5.0	-7	+10			+2	+5								
	4.0	-4	+7			+3	+5								
	3.0	-4	+8			+3	+5								
	2.0	-6	+5			-2	+2								
	1.0	-10	+3	-6	+12	-1	+6								
	0.5	-10	+8	-3	+3	0	+3								
Ground		-8	0	-6	+7	-3	+3								

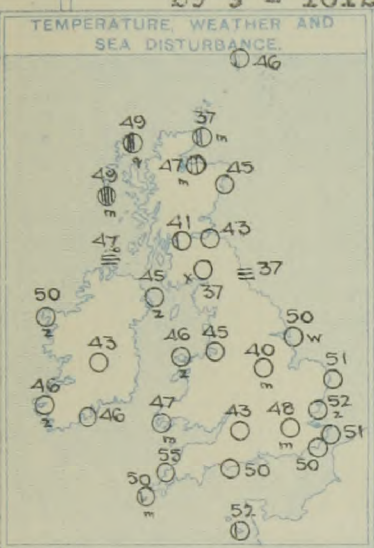


# SYNOPTIC CHART FOR 7 a.m., Sunday, 19<sup>th</sup> APRIL, 1914.

## EQUIVALENT PRESSURE VALUES.

### Mercury Inches and Millibars.

in.	mb.	in.	mb.
29.0	= 982.0	30.0	= 1015.9
29.1	= 985.4	30.1	= 1019.3
29.2	= 988.8	30.2	= 1022.7
29.3	= 992.2	30.3	= 1026.0
29.4	= 995.6	30.4	= 1029.4
29.5	= 998.9	30.5	= 1032.8
29.6	= 1002.3	30.6	= 1036.2
29.7	= 1005.7	30.7	= 1039.6
29.8	= 1009.1	30.8	= 1043.0
29.9	= 1012.5	30.9	= 1046.4

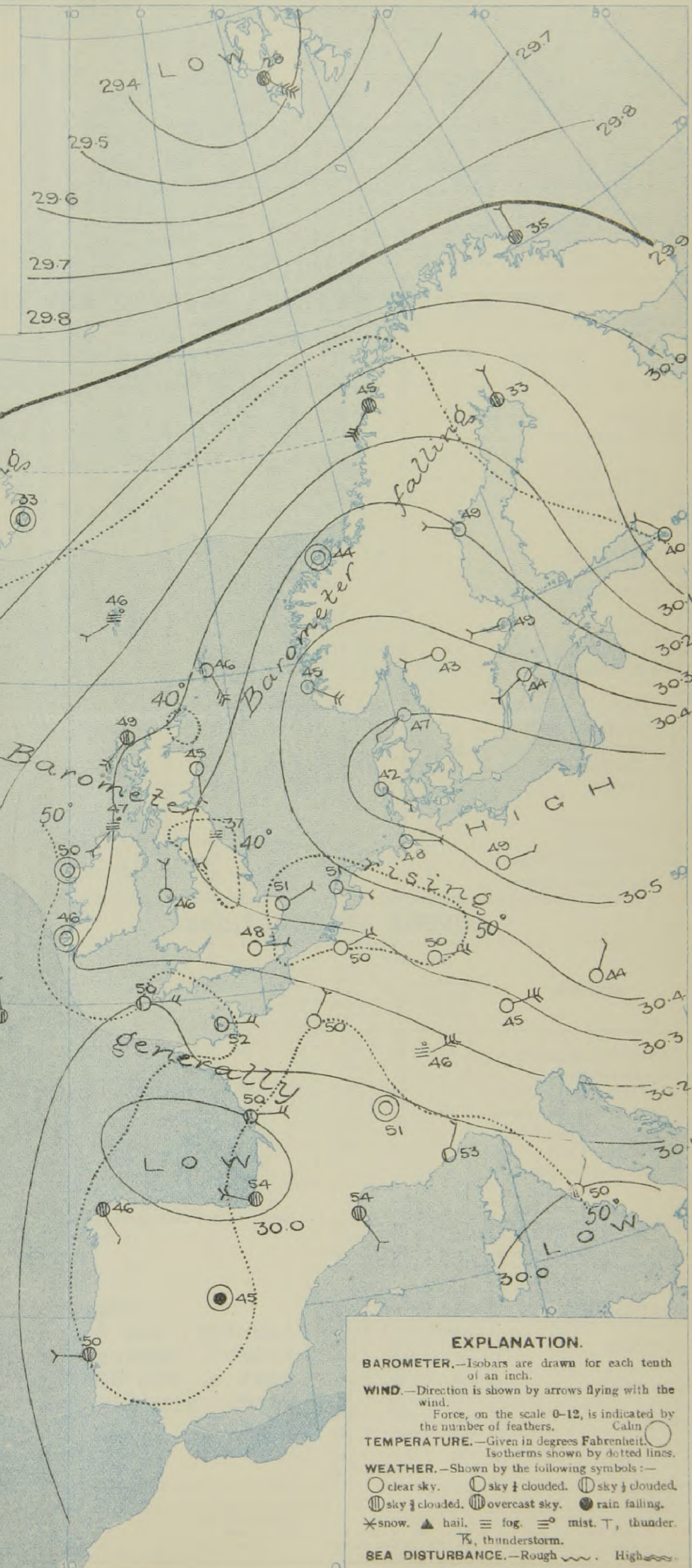
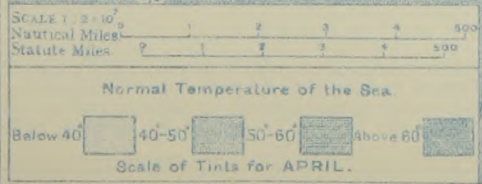


Inches.

31

30

29



## 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.  
T, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. High wavy.



## DAILY WEATHER REPORT.

Sunday, 19th April, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	C = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	C = 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.	
18th, 6 p.m.	47	24	Marguette	H	29.99	.00	SSW	6-7	r	18th, 7 a.m.	47	27	Marguette	H	30.07	-.08	S	6-7	r
" "	48	18	Kronland	H	30.19	.00	NE	1-3	c	" "	48	25	Virginian	O	30.01	-.08	ESE	1-3	bc
" "	50	16	Fairford	O	30.19	+.07	N	4-5	b	" "	48	22	Kronland	H	30.18	-.02	NNW	1-3	c
" "	50	15	Merconia	H	30.17	+.02	NNE	4-5	b	" "	49	17	Minneapolis	H	30.08	-.02	NNW	4-5	bc
" "	49	13	Merconia	H	30.04	.00	NNW	4-5	o	" "	53	16	Cameronia	H	30.03	+.01	NNW	4-5	c
" "	54	11	Cameronia	H	30.16	.00	H	1-3	o	" "	49	16	Andania	H	29.91	-.02	NNE	6-7	c

## 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.			Hr.	Margate ...		In.	F.	F.			Hr.
	St. Andrews ...							Ramsgate ...							
Eng., N.E.	Harrogate ...	-	60	37	b	b	12.1	Folkestone ...			57	47	b	b	12.0
	Scarborough ...	-						Hythe ...			55	45	b	b	12.0
	Skegness ...	-	52	46	b	b	12.1	Littlestone ...			59	46	bc.b.	b	12.1
								Hastings ...							11.8
Eng., N.W.	Morecambe ...	-	64	46	b	b	12.0	Bexhill-on-Sea ...			57	47	b	b	12.0
	Blackpool ...	-	64	43	b	b	12.0	Eastbourne ...			61	48	b	b	12.0
	Southport ...	-	66	32	b	b	12.0	Seaford ...			61	44	b	b	12.5
Mid-lands.	Buxton ...	-	59	36	b	b	11.7	Brighton ...			63	41	b	b	12.2
	Leamington Spa ...	-	62	40	b	b	12.3	Worthing ...			62	48	b	b	12.6
	Malvern ...	-	62	55	b	b	11.5	Littlehampton ...							10.5
								Southsea ...							
Wales.	Rhyl ...	-	64	41	b	b	12.6	Ryde ...							
	Colwyn Bay ...	-						Ventnor ...							
	Llandudno ...	-	65	48	bc	bc	12.3	Bournemouth ...			58	46	b	b	12.5
	Aberystwyth ...	-	60	55	bc	bc	11.3	Weymouth ...			56	48	b	b	11.5
England, E.	Tenby ...	-						Exmouth ...							
								Teignmouth ...			54	49	b	b	10.6
	Lowestoft ...	-	54	48	bm	b	12.7	Torquay ...			55	48	b	b	11.8
	Felixstowe ...	-	52	49	bc	bc	12.6	Paignton ...			54	48	b	b	9.9
England, S.W.	Walton-on-Naze ...	-	58	48	b	b	12.5	Falmouth ...			56	50	bc	b	8.7
	Southend-on-Sea ...	-						Bude ...							
								Ilfracombe ...			65	50	b	b	12.0
								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.			Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.) ...	45	56	12.3	60	39	21	-	b	b	bcx
City (Bunhill Row) ...	65	69	11.3							
Westminster (St. James's Pk.) ...	65	69	12.0	59	45	38	-	b	b	b
Camden Sq. (Brit. Rainfall) ...	45	50	11.7	63	40	32	-	b	b	b
Hampstead (Reservoir) ...		55	12.0	57	43	37	-	b	b	b
Richmond Park ...			12.5							
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.)				1852 Joules	36.9 Milli-watts.		65.5 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.	Sunshine for Yesterday.
		In Screen.	Max. Min.					
Dublin to 4 p.m.	In.	F.	F.	F.				Hr.
Plymouth to 9 p.m.	-	61	47	45	bc	b	b	*
Darwen "	-	57	50	45	b	b	b	11.5
Manchester "	-	62	41	36	bc	bc	bc	11.9
Birmingham "	-	65	45		b	b	b	12.3
Oxford to 8 p.m.	-	61	42	34	b	b	b	11.8
		61	40	31	b	bc	b	
S. Kensington (Museum Grounds to 6 p.m.)	-	60	45	30	bc	bc	b	

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

19th & 20th Apr., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.49 4.47	11.52 11.52	6.54 6.56
Greenwich ...	4.59 4.57	11.59 11.59	6.59 7.1
Wick ...	4.52 4.50	12.11 12.11	7.30 7.32
Valencia ...	5.39 5.37	12.40 12.40	7.41 7.42

## NOTES ON YESTERDAY'S WEATHER.

Temperature passed 60° at many stations in this country, and touched 68° at Nairn. The day was dry, fine and bright, numerous sunshine records exceeding 12 hours. As far west as the 30th meridian ships experienced light to strong winds from all quarters, with fine to cloudy weather, rain locally.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Terminals in London.

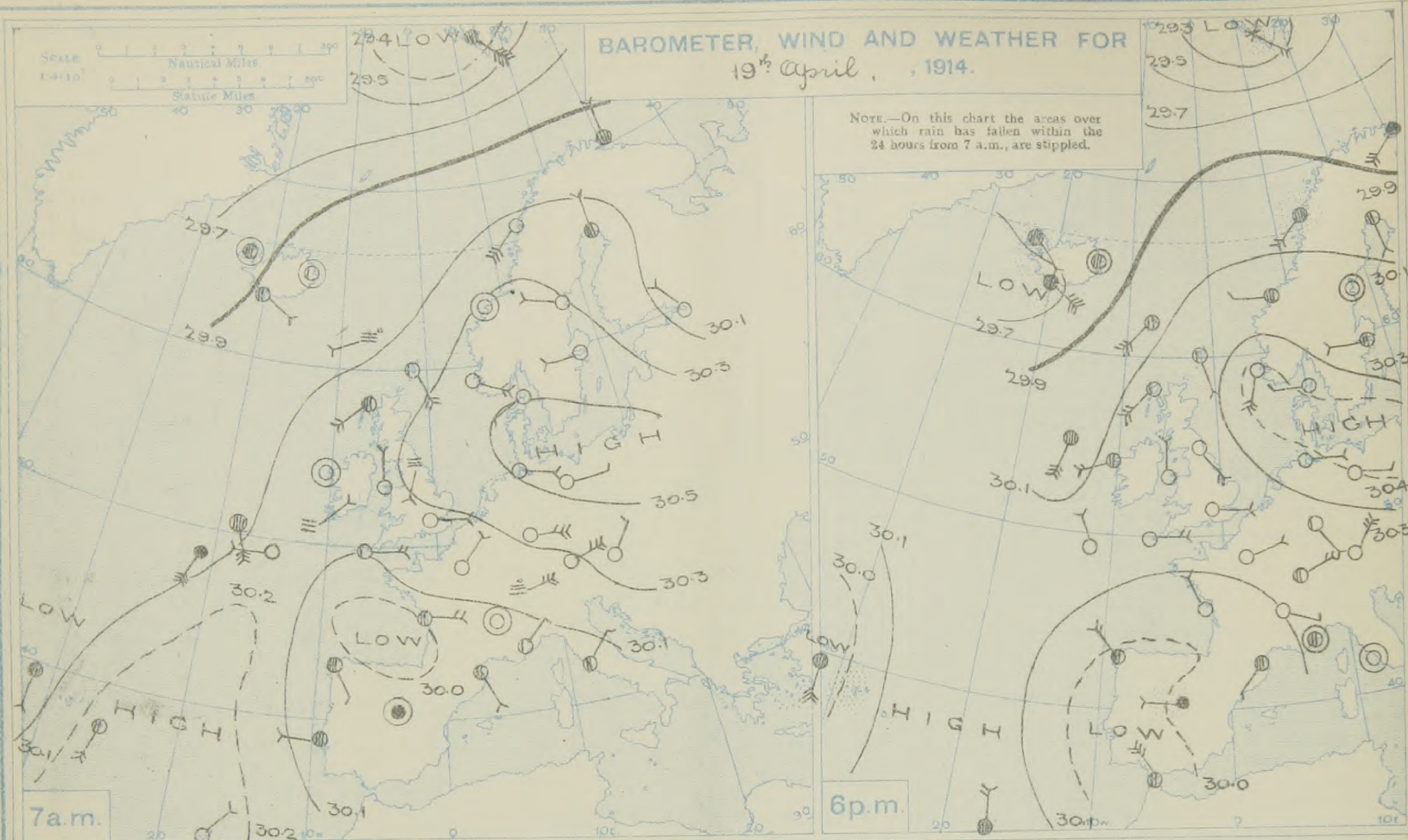


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
20th April, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.					Sea- state in Force.
		Barom. M.S.F. Lat. 45°	Temp. F.	WIND		Weather.	M.S.F. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	30.21	48	SSE	2	bz	30.18	0.0	48	+2	S	2	c	2	-	50	43	b	bz	b.bcm.	10.0	
	Stornoway ...	30.17	55	SW	5	bz	30.15	0.0	52	+3	SW	6	cq	5	-	58	49	c.bz	bz	bz.cq	9.6	
	Castlebay (Barra Isd.)	30.19	52	SE	3	bcm	30.20	0.0	51	+2	SSW	3	c	4	-	53	49	c.bcm	bcm	bcm.c	9.6	
	Glasgow ...	30.23	61	WSW	2	b	30.32	+0.3	42	+1	ESE	1	bz	4	-	66	40	b	b	bz.bx	12.2	
	Eskdalemuir ...	30.25	58	SW	2	b	30.36	+0.3	44	-3	-	0	cm	4	-	63	28	b	b	b.bx.bz	12.7	
	Malin Head...	30.18	54	MW	1	m	30.23	+0.1	50	+3	SW	2	m	1	-	63	47	bz	bz	bz	12.7	
	Blacksod Point	30.15	54	WSW	3	bz	30.21	+0.2	51	+1	SW	2	bz	2	trace	58	48	bz	bz	c.bz	10.0	
	Valencia ...	30.21	56	S	2	az	30.26	+0.2	48	+2	SSE	1	bz	3	-	59	43	bz	bz	bz	10.0	
	Roche's Point	30.25	55	ESE	3	b	30.31	-	43	-3	N	3	bc	1	0.01	57	41	bz	bz	b.bcm	11.8	
	Birr Castle ...	30.19	64	S	1	m	30.27	-	44	+1	SSE	1	b	2	-	63	38	b	b	b	11.8	
	Donaghadee	30.25	53	SE	2	bz	30.30	+0.4	43	-2	NW	1	bz	2	-	55	42	bz	bz	bz	12.7	
	Liverpool Obsy.	30.23	62	SSE	1	b	30.31	+0.2	49	+4	SE	2	b	2	-	67	45	b	b	bcm	12.7	
	Holyhead ...	30.24	58	M	2	bz	30.31	+0.2	49	+3	E	2	bz	1	-	62	45	bz	bz	bz	12.5	
	Pembroke (St. Ann's Hd.)	30.22	60	SE	1	b	30.30	+0.3	49	+2	NE	1	bcm	1	-	61	46	bcm	b	bcm	12.4	
	Newquay ...	30.18	58	SE	3	b	30.26	+0.3	55	0	-	0	bz	3	-	63	41	b	b	b	12.5	
	Scilly (St. Mary's)	30.18	54	E	3	bcm	30.25	+0.1	52	+2	E	2	bcm	3	-	58	46	bcm	bcm	bcm	12.0	
	Jersey (St. Aubin)	30.13	60	EME	3	b	30.25	-	54	+2	NE	2	b	2	-	64	48	b	b	bcm	12.6	
	Portland Bill	30.19	54	E	2	b	30.26	+0.3	55	+5	NE	1	b	1	-	62	50	b	b	b	12.5	
	Dungeness ...	30.19	55	NE	5	b	30.26	+0.2	48	-2	NNW	2	b	2	-	58	45	b	b	b	12.5	
	Dover ...	30.20	54	M	5	b	30.27	-	54	+3	NNW	3	bw	2	-	60	40	b	b	b	12.5	
ICELAND, FAEROE, &c.	Wick ...	30.17	57	SSE	2	b	30.19	+0.1	49	+12	SSW	2	bcm	3	-	57	39	bcm.bz	bz	bcm	12.1	
	Nairn ...	30.17	66	-	0	b	30.22	-	53	+6	-	0	bc	1	-	70	45	bz	bz	bcm	12.1	
	Aberdeen ...	30.23	54	S	3	b	30.26	+0.3	45	0	-	0	bz	2	-	59	39	b	b	bz.bz	11.9	
	Leith ...	30.22	55	NE	2	b	30.34	+0.3	42	-1	SW	1	bz	2	-	58	39	b	b	b	11.9	
	North Shields	30.25	55	SSE	3	b	30.34	+0.2	42	+5	SSW	2	b	2	-	55	37	f.c	b	bz	10.5	
	Spurn Head	30.31	50	ESE	2	b	30.34	+0.1	42	-8	N	1	fw	3	0.01	54	41	b	b	b	11.9	
	Varmouth	30.28	50	EME	2	b	30.34	+0.1	50	-1	NNE	1	b	1	-	54	45	b	b	b	12.7	
	Clacton-on-Sea	30.24	57	EME	4	bz	30.28	+0.1	48	-4	NNE	3	bz	2	-	58	44	bz	bz	bz	10.7	
	Nottingham...	30.26	59	E	3	b	30.35	-	38	-2	E	1	b	1	-	66	32	b	b	b	12.5	
	Bath ...	30.20	63	E	2	m	30.32	-	43	0	E	1	b	1	-	68	35	b	b	b.bm	11.7	
London (Kew Obsy.)	30.23	60	E	2	b	30.31	+0.4	45	-3	E	1	bcm	1	-	65	39	bz	bz.b	bcm	12.5		
NORTHERN EUROPE.	Spitzbergen ...	24.24	26	SE	3	S	24.15	+0.4	24	-4	-	0	S	1	-	28	19	-	-	-	-	
	Isafjord...	24.72	41	SE	2	0	24.27	-13	42	+6	SE	2	T	1	-	-	-	-	-	-	-	
	Reykjavik...	24.61	41	SE	4	r	24.22	-0.6	45	+9	SE	4	T	1	-	-	-	-	-	-	-	
	Vestmanna ...	24.60	41	ESE	7	r	24.28	-0.7	44	+5	SSE	3	f	2	-	-	-	-	-	-	-	
	Seydisfjord	24.82	40	-	0	c	24.47	-0.5	42	+9	-	0	c	1	-	-	-	-	-	-	-	
	Thorshavn ...	30.04	48	SW	6	bc	24.93	-0.2	48	+2	SW	4	0	1	-	-	-	-	-	-	-	
	Vardö ...	24.82	34	SW	6	r	24.71	-0.7	35	0	SW	6	bc	3	-	36	27	-	-	-	-	
	Bodö ...	30.00	42	SW	4	0	24.95	-0.1	41	-4	SSW	4	f	2	0.16	45	41	-	-	-	-	
	Christiansund	30.17	50	W	1	c	30.17	-0.1	47	+3	-	0	0	3	-	52	44	-	-	-	-	
	Skudesnaes ..	30.41	45	SSW	4	b	30.36	-0.1	46	+1	E	2	b	1	-	50	41	-	-	-	-	
CENTRAL EUROPE.	Færder (X'ienta Fjord)	30.31	46	WSW	4	bc	30.30	0.0	43	-1	WSW	1	b	1	-	48	41	-	-	-	-	
	The Scaw (Skagen)	30.38	48	W	1	b	30.35	0.0	48	+1	WSW	2	b	0	-	59	41	-	-	-	-	
	Blaavands Huk	30.43	48	SE	1	b	30.40	0.0	50	+8	S	1	b	1	-	61	41	-	-	-	-	
	Haparanda ...	24.99	33	S	2	bc	24.93	-0.3	35	+2	S	2	b	1	-	39	28	-	-	-	-	
	Hernösand ...	30.16	50	-	0	b	30.16	0.0	47	-2	-	0	b	1	-	59	34	-	-	-	-	
	Stockholm ...	30.19	57	W	2	bc	30.19	+0.3	47	-2	W	2	b	1	-	63	41	-	-	-	-	
	Wisby ...	30.27	46	WSW	2	b	30.24	+0.1	44	0	W	2	b	1	-	52	41	-	-	-	-	
	Karlstad ...	30.28	55	W	2	bc	30.26	0.0	46	+3	-	0	b	1	-	64	36	-	-	-	-	
	St. Petersburg	30.07	35	S	1	b	30.07	+0.2	35	-5	NE	1	f	1	-	30	30	-	-	-	-	
	Berlin ...	30.40	61	E	1	b	30.41	+0.1	53	+4	E	1	b	1	-	66	45	-	-	-	-	
Frankfurt ...	30.21	64	SE	2	b	30.32	+0.3	50	0	NE	1	b	1	-	68	45	-	-	-	-		
Munich ...	30.20	52	NE	5	b	30.26	+0.1	43	-2	NE	3	b	1	-	57	32	-	-	-	-		
Vienna ...	30.38	47	W	1	b	30.39	+0.3	42	-2	-	0	b	1	-	57	36	-	-	-	-		
Cuxhaven ...	30.39	54	E	2	b	30.38	0.0	52	+4	SE	2	b	0	-	61	45	-	-	-	-		
The Helder ...	30.28	57	ENE	1	b	30.34	+0.2	54	+3	ESE	1	b	0	-	61	50	-	-	-	-		
Brussels ...	30.20	59	ENE	2	b	30.20	+0.3	54	+4	ESE	1	b	1	-	69	46	-	-	-	-		
FRANCE.	C. Gris Nez...	30.23	53	NE	3	b	30.24	+0.2	50	+2	NE	4	m	2	-	59	46	-	-	-	-	
	La Hève ...	30.13	63	E	2	b	30.22	-	51	+3	-	0	m	0	-	66	46	-	-	-	-	
	Ushant...	30.14	53	NE	3	b	30.22	-	52	0	ENE	2	b	3	-	63	46	-	-	-	-	
	Brest (St. Mathieu)	30.13	64	NE	4	b	30.24	+0.4	49	0	NE	1	b	2	-	77	46	-	-	-	-	
	Rochefort (Ile d'Aix)	30.02	63	NW	2	b	30.20	+0.4	53	+3	SSW	3	0	1	-	68	50	-	-	-	-	
	Biarritz ...	30.00	56	WNW	3	0	30.17	+0.3	55	+1	-	0	bc	3	0.04	57	50	-	-	-	-	
	Paris ...	30.12	64	E	2	b	30.22	+0.4	50	0	NE	1	b	1	-	70	41	-	-	-	-	
	Belfort ...	30.04	40	ENE	3	bc	30.27	-	46	0	E	2	m	1	-	64	40	-				





**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 Coast.	South Coast.
North Coast.	North Coast.

**No Warnings Issued.**

Western Channel and Bay. 11

0 { Wind mainly South-Westerly, moderate to strong; fair to overcast; mild.

1 { Southerly or South-Westerly winds, light or moderate; fair or bright; rather warm.

2 { Light variable winds; fine; warm during day-time, rather cold at night; mist or fog locally.

3 Same as No. 5.

4 { Same as No. 2.

5 { Light winds between East and North-East; fine, bright; warm in day-time, rather cold at night.

6 { Same as No. 1.

7 { Same as No. 2.

8 { Same as No. 5.

9 { Same as No. 2.

10 { Light variable winds; fine, bright; moderately warm.

11 { Easterly or North-Easterly winds, light or moderate; sea slight or smooth; fine.

**FURTHER OUTLOOK.**

Millim. Inches

1050 3

1040 3

1030 3

1020 3

1010 3

1000 3

990 3

980 3

970 3

960 3

950 3

940 3

930 3

920 3

910 3

900 3

890 3

880 3

870 3

860 3

850 3

840 3

830 3

820 3

810 3

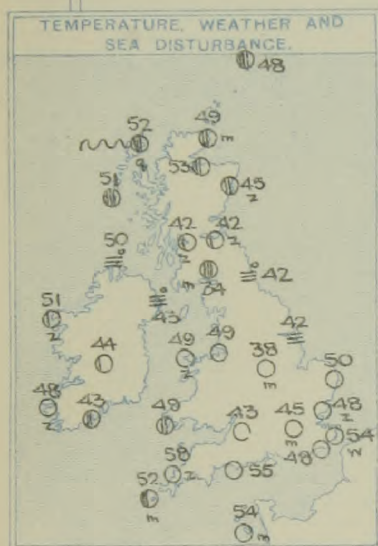
800 3



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

## GENERAL INFERENCE.

The depression over Iceland will probably cause some increase in the force of the wind from the South-Westward on the extreme north-western and northern coasts of these Islands, but no change of importance will occur in the general condition of the weather over the Kingdom as a whole.



Inches.

31

30

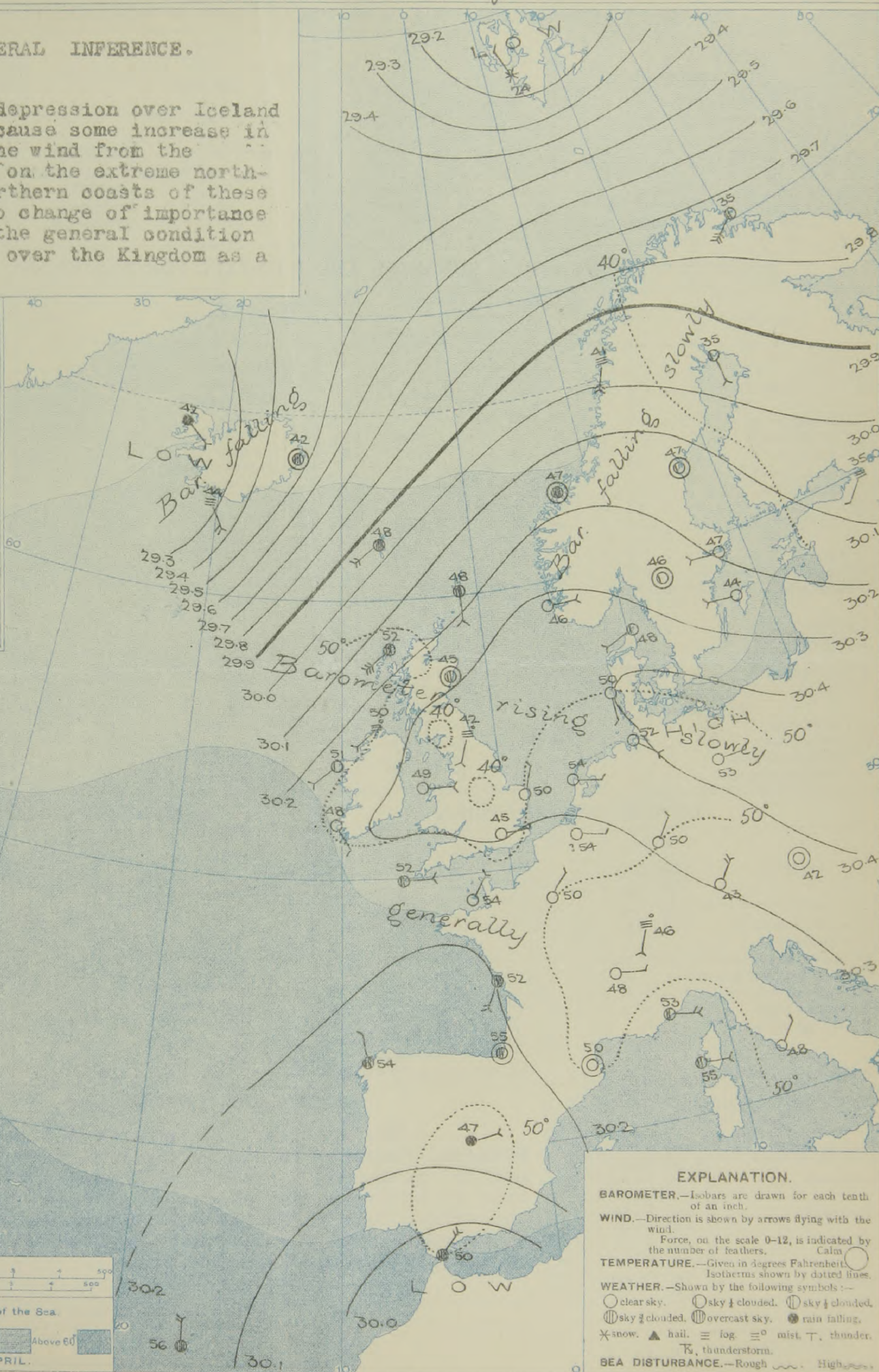
29

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

Normal Temperature of the Sea.

Below 40 40-50 50-60 Above 60

Scale of Tints for APRIL.



## 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



## 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 6 p.m.	54	14	Caledonia	O	30.21	-.07	SSW	6-7	o	19th 7 p.m.	48	20	Marquette	H	30.04	+0.05	SSW	6-7	r
" "	55	11	Corsican	O	30.10	-.05	S	4-5	bc	" "	50	18	Empress of Ireland	O	30.05	-.06	S	6-7	o
" "	49	11	Minneapolis	O	30.28	-.01	MMW	1-3	b	" "	49	14	Manitou	O	30.22	+0.03	W	1-3	b
" "	55	8	Corsican	O	30.12	-.02	S	4-5	m	" "	49	13	Kronland	H	30.15	.00	MMW	1-3	o
										" "	51	11	Mauretania	O	30.19	-.10	NE	1-3	f

## 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.
Scott. land.	Oban ... ..	-						Margate ... ..	-	59	48	b	b	12.2	
	St. Andrews ... ..	-						Ramsgate ... ..	-	55	48	b	b	11.5	
Eng., N.E.	Harrogate ... ..	-	65	34	b	b	11.7	Folkestone ... ..	-	62	48	b	b	12.2	
	Scarborough ... ..	-	54	41	cb.	cb.	11.2	Hythe ... ..	-						
	Skegness ... ..	-	53	46	b	b	12.0	Littlestone ... ..	-					11.5	
	Douglas (10m) ... ..	-	60	44	b	b	12.4	Hastings ... ..	-	62	48	b	b	12.7	
Eng., N.W.	Morecambe ... ..	-						Bexhill-on-Sea ... ..	-	64	49	b	b	12.2	
	Blackpool ... ..	-	66	39	b	b	12.1	Eastbourne ... ..	-	59	42	b	b	12.0	
	Southport ... ..	-	69	36	b	b	12.5	Seaford ... ..	-						
Mid- lands.	Buxton ... ..	-	63	30	b	b	11.8	Brighton ... ..	-	67	49	b	b	12.3	
	Leamington Spa ... ..	-	66	37	b	b	12.1	Worthing ... ..	-	65	47	b	b	12.7	
	Malvern ... ..	-	67	40	b	b	11.5	Littlehampton ... ..	-					11.2	
								Southsea ... ..	-	62	46	b	b	12.6	
Wales.	Rhyl ... ..	-	67	36	b	b	12.5	Ryde ... ..	-	60	50	b	b	11.5	
	Colwyn Bay ... ..	-	66	40	b	b	12.2	Ventnor ... ..	-	60	49	*	*	12.3	
	Llandudno ... ..	-	65	43	b	b	12.2	Bournemouth ... ..	-	62	39	b	b	12.7	
	Aberystwyth ... ..	-	68	41	b	b	12.0	Weymouth ... ..	-	60	45	b	b	12.0	
England, E.	Tenby ... ..	-						Exmouth ... ..	-					12.2	
	Lowestoft ... ..	-	54	46	b	b	12.0	Teignmouth ... ..	-	58	50	b	b	12.0	
	Felixstowe ... ..	-	55	49	bm	bu	12.5	Torquay ... ..	-	60	48	b	b	10.5	
	Walton-on-Naze ... ..	-	54	50	b	b	12.5	Paignton ... ..	-	58	48	b	b	11.9	
	Southend-on-Sea ... ..	-	62	46	b	b	12.5	Falmouth ... ..	-	61	45	b	b	12.4	
								Bude ... ..	-	66	35	b	b	11.0	
								Ilfracombe ... ..	-	63	42	b	b	12.2	
								Weston-super-Mare ... ..	-	69	42	b	b		

## LONDON OBSERVATIONS.

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 Obsy.) ...	%	%	Hr.	F. °	F. °	F. °	In.	bac	b	b	Dublin to 4 p.m.	In.	F. °	F. °	F. °	Hr.			
City (Bunhill Row) ...	40	61	12.3	66	38	24	-	*	*	*	Plymouth to 9 p.m.	-	63	42	40	bm	bm	b	*
Westminster (St. James's Pk.)	*	*	11.5	*	*	*	*	*	*	*	Darwen	-							
Camden Sq. (Brit. Rainfall)	62	72	12.5	66	45	37	-	b	b	bm	Manchester	-	69	42	*	b	b	b	12.3
Hampstead (Reservoir) ...	-	57	11.9	69	48	34	-	-	-	*	Birmingham	-	65	39	29	b	b	b	11.6
Richmond Park	*	55	12.1	64	44	35	-	b	b	b	Oxford to 8 p.m.	*	67	36	31	b	b	b	*
Richmond Park	*	*	12.2																
Kew. (See front page.)	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																		
				Total.		Average Rate.		Max. Rate.											
				1894 Joules		37.6 Milli-watts.		68.0 Milli-watts.											
S. Kensington (Roof of M.O.)	~	66	12.3																

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

20th & 21st April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.47 4.45	G.M.T. 11.52 11.52	G.M.T. 6.56 6.58
Greenwich ...	4.57 4.55	11.59 11.59	7.1 7.3
Wick ...	4.50 4.47	12.11 12.11	7.32 7.34
Valencia ...	5.37 5.35	12.40 12.40	7.42 7.44

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 60° in many parts of the Kingdom, touching 69° at Southport and Weston-super-Mare, and 70° at Nairn. Much bright sunshine was recorded, more than 12 hours in many places. At night the thermometer in the screen fell to 32° at Nottingham, and to 28° at Eskdalemuir, and frost occurred on the grass over a considerable area.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

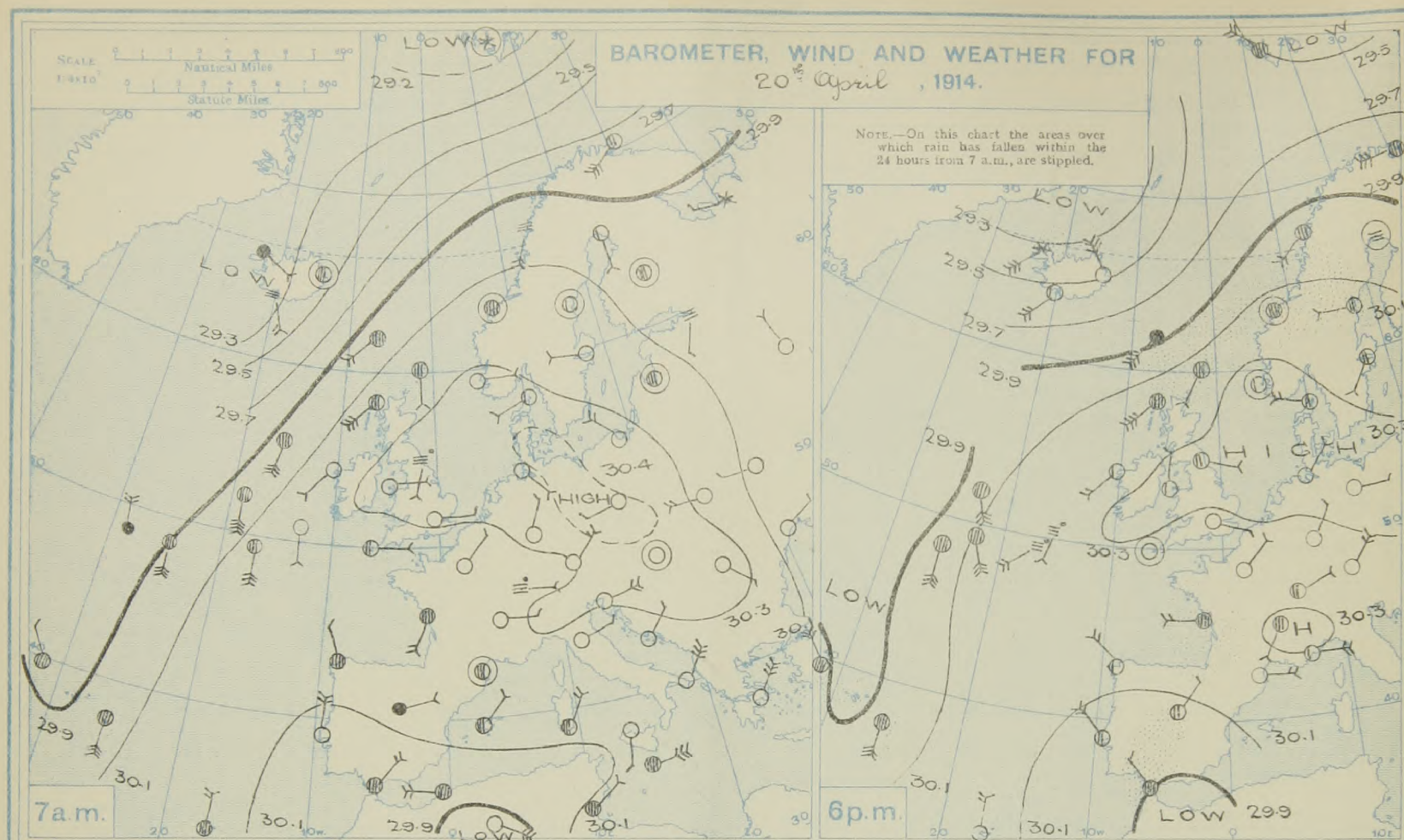


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
12th April 1914.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 40°	Temp.	Wind		Weather.	M.S.L. Lat. 46°	Change in 3 hours	Dry Bulb.	Change in 24 hours	Wind		Weather.	Sea 0-9.	Rain- fall.	Temp.		Weather.					
				Direc.	Force 0-12.						Direc.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	30.17	57	SSW	3	c	30.24	+0.4	50	+2	SSW	2	om	1	0.03	59	46	ad. am	eq	eqy. omm	0.7		
	Stornoway ...	30.18	54	SW	7	aq	30.27	+0.2	50	-2	SW	5	aq	4	Trace	58	49	eq	c. eq	rdm	7.2		
	Castlebay (Barra Isd.)	30.23	53	SW	5	o	30.29	+0.1	49	-2	S	5	om	5	Trace	55	48	c. ben	ben o	om	10.2		
	Glasgow ...	30.29	62	WSW	1	c	30.36	+0.2	45	+3	ESE	1	bz	1	-	67	41	bz. b	b. bc	bc. bz. x	10.3		
	Eskdalemuir ...	30.31	60	SW	2	ben	30.41	00	37	+3	-	0	bm	1	-	67	29	em. c	c. ben	ben. bc.	11.9		
	Malin Head ...	30.27	57	W	3	m	30.30	+0.3	53	+3	SSW	2	m	2	-	67	50	bz	bz	bz	11.9		
	Blacksod Point ...	30.25	55	SW	3	bz	30.28	00	52	+1	SW	2	bz	2	Trace	58	48	ben	ben	bc.	11.9		
	Valencia ...	30.31	60	S	1	bz	30.31	+0.2	43	-5	ESE	1	bz	3	-	63	38	bz	bz	bz	11.9		
	Roche's Point ...	30.32	56	SE	1	b	30.36	00	45	+2	M	1	b	1	0.02	59	41	bz	bz	ben	12.2		
	Birr Castle ...	30.26	69	SW	1	bc	30.32	00	42	-2	W	1	b	1	-	69	37	b	bc.	b	12.2		
	Donaghadee ...	30.31	58	SE	2	qy	30.36	+0.2	46	+3	S	2	bz	2	-	61	43	ben	bz	bz. b. bz	11.9		
	Liverpool Obsy. ...	30.32	60	NNW	1	b	30.37	00	49	0	S	1	m	1	-	68	47	b	b	bm	12.0		
	Holyhead ...	30.34	59	N	1	bm	30.37	00	47	-2	-	0	bm	0	-	61	44	ben	ben	ben. m. w	11.1		
	Pembroke (St. Ann's Hd.)	30.31	57	N	1	b	30.33	+0.1	50	+1	NE	2	bm	1	Trace	63	48	ben	ben	bm	12.5		
	Newquay ...	30.27	61	E	2	b	30.31	+0.1	54	-1	-	0	bz	3	-	61	42	b	b	b. w	12.5		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.50	21	NW	4	o	29.38	-0.8	17	-7	NW	3	o	1	-	28	14	GALES. Duration and Extreme Force in British Islands.					
	Isafjord ...	29.31	41	SW	6	s	29.49	-0.1	38	-4	W	4	o	1	-	34	22						
	Reykjavik ...	29.54	41	SW	3	b	29.61	-0.4	39	-6	SE	3	o	1	-	34	22						
	Vestmanna ...	29.60	40	SW	5	b	29.69	-0.5	40	-4	S	6	c	3	-	34	22						
	Seydisfjord ...	29.44	51	NW	6	b	29.75	+0.1	42	0	SW	2	c	1	-	34	22						
	Thorshavn ...	29.87	50	SW	7	r	30.08	+0.2	46	-2	SW	2	o	1	-	34	22						
	Vardö ...	29.75	35	W	6	o	29.76	-0.4	35	0	SW	2	o	2	-	39	30						
	Bodö ...	30.01	42	SW	4	c	29.80	-0.4	45	+4	SW	7	r	4	0.28	45	39						
	Christiansund ...	30.14	39	-	0	o	30.13	+0.2	47	0	W	6	o	4	0.20	50	39						
	Skudenes ...	30.38	46	-	0	b	30.36	00	47	+1	E	2	b	1	-	50	43						
	Færder (X'ania Fjord)	30.25	47	SW	1	c	30.29	+0.1	47	+4	SW	2	c	1	-	50	43						
	The Scaw (Skagen) ...	30.32	47	WNW	3	bc	30.32	+0.1	51	+3	-	0	b	0	-	55	43						
	Blaavands Huk ...	30.38	47	NW	1	b	30.41	+0.1	49	-1	-	0	bc	0	-	55	43						
	NORTHERN EUROPE.	Haparanda ...	29.93	37	-	0	f	29.94	-0.2	37	+2	S	2	bc	1	-	45					34	
		Hernösand ...	30.17	49	W	2	bc	30.14	+0.1	46	-1	-	0	r	1	Trace	55					39	
Stockholm ...		30.21	53	SSW	2	bc	30.22	+0.1	54	+7	SE	2	b	1	-	63	45						
Wisby ...		30.26	46	-	0	b	30.26	+0.1	47	+3	SW	2	b	1	-	52	41						
Karlstad ...		30.22	51	-	0	c	30.26	+0.2	50	+4	WSW	2	b	1	-	61	37						
St. Petersburg ...		30.34	64	E	1	b	30.40	+0.1	54	+1	E	1	o	1	-	72	46						
Berlin ...		30.25	70	NE	1	b	30.37	+0.4	54	+4	-	0	m	1	-	72	48						
Munich ...		30.25	57	NE	4	b	30.38	+0.2	47	+4	SW	2	b	1	-	64	37						
Vienna ...		30.36	57	NE	2	b	30.39	+0.2	50	-2	E	2	bm	0	-	66	48						
Cuxhaven ...		30.32	55	N	2	b	30.36	+0.2	53	-1	NE	2	b	1	-	64	50						
CENTRAL EUROPE.	Brussels ...	30.26	62	E	1	b	30.32	+0.3	58	+4	WSW	1	b	1	-	72	48						
	C. Gris Nez ...	30.27	54	NE	3	b	30.31	+0.2	51	+1	NE	4	m	2	-	59	48						
	La Hève ...	30.25	60	NE	2	b	30.30	00	58	+7	E	1	m	1	-	72	46						
	Ushant ...	30.25	54	NE	1	b	30.25	00	52	0	NE	1	b	3	-	64	48						
	Brest (St. Mathieu) ...	30.25	44	NE	2	b	30.30	+0.2	52	+3	NE	1	b	2	-	73	46						
	Rochefort (Ile d' Aix)	30.21	55	W	3	o	30.29	+0.3	50	-3	SE	3	b	1	0.24	66	48						
	Biarritz ...	30.17	55	NE	4	bc	30.21	00	50	-5	SE	3	b	2	-	64	45						
	Paris ...	30.21	64	ENE	2	b	30.35	+0.3	52	+2	SSE	1	b	1	-	73	43						
	Belfort ...	30.21	62	ENE	2	bc	30.43	00	48	+2	WSW	2	bm	1	-	69	42						
	Lyons ...	30.32	54	SSW	2	c	30.40	00	47	-1	E	1	b	1	-	67	40						
FRANCE.	Nice ...	30.30	59	E	4	b	30.32	+0.2	57	+4	-	0	c	0	-	63	50						
	Perpignan ...	30.21	55	E	3	b	30.32	+0.2	50	0	NW	1	r	1	-	63	43						
	Sanguinaire ...	30.21	53	W	2	m	30.32	+0.2	59	+4	E	3	m	3	-	61	48						
	Corunna (8 a.m.) ...	30.13	57	NW	3	b	30.18	00	53	-1	MNE	1	f	2	-	63	46						
	Madrid ...	30.05	58	NE	1	bc	30.14	+0.4	45	-2	E	3	r	1	0.39	59	43						
	Lisbon (9 a.m.) ...	30.04	61	NW	4	bc	30.04	+0.2	59	+2	NNW	5	b	5	-	72	55						
	Gibraltar ...	29.90	55	NW	1	o	29.89	00	58	+8	NW	3	r	1	0.64	58	50						
	Rome ...	30.13	57	NW	3	b	30.18	00	53	-1	MNE	1	f	2	-	63	46						
	Azores (Horta, 8 a.m.) ...	29.84	57	S	5	r	29.85	+0.4	57	-5	-	0	r	3	1.42	63	57						
	Madeira (Funchal) ...	30.14	59	N	3	b	30.09	00	60	+4	N	3	o	3	-	64	55						





FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Coast.  
North Coast.

Signals hoisted this morning.

South Coast.  
North Coast.

No Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Southerly and South-Westerly winds, fresh locally; cloudy. some rain in places; mild.      |
|    | b |   |  |
| 1  |   | } | Wind variable or South-Westerly, light; fine; warm during day, cool at night.              |
| 2  | a |   |  |
|    | b |   |  |
| 3  |   | } | Same as No. 5.   |
|    |   |   |  |
| 4  | a | } | Light variable winds; fine, bright; warm during day, cool at night.                        |
|    | b |   |  |
| 5  |   | } | Light winds from between East and North-East; fine bright; warm during day, cool at night. |
|    |   |   |  |
| 6  | a | } | Same as Nos. 1 and 2.  |
|    | b |   |  |
| 7  | a | } | Same as No. 4.   |
|    | b |   |  |
| 8  | a | } | Same as No. 5.   |
|    | b |   |  |
| 9  | a | } | Same as Nos. 1 and 2.  |
|    | b |   |  |
| 10 | a | } | Same as No. 4.   |
|    | b |   |  |
| 11 |   | } | Light Easterly or North-Easterly winds; sea smooth; fine, bright generally, haze locally.  |
|    |   |   |  |

English Districts.

Fine, dry weather continuing.

Millibars  
1050

1040

1030

1020

1010

1000

990

980

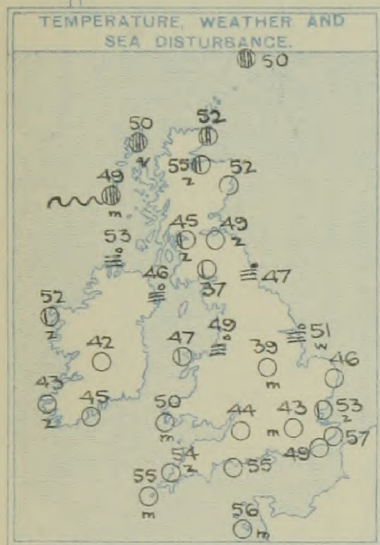
970



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

## GENERAL INFERENCE.

The anticyclonic system is maintaining its position and intensity with scarcely any modification, and appears likely to continue the dominating factor in the pressure distribution for some time.



Inches.

31

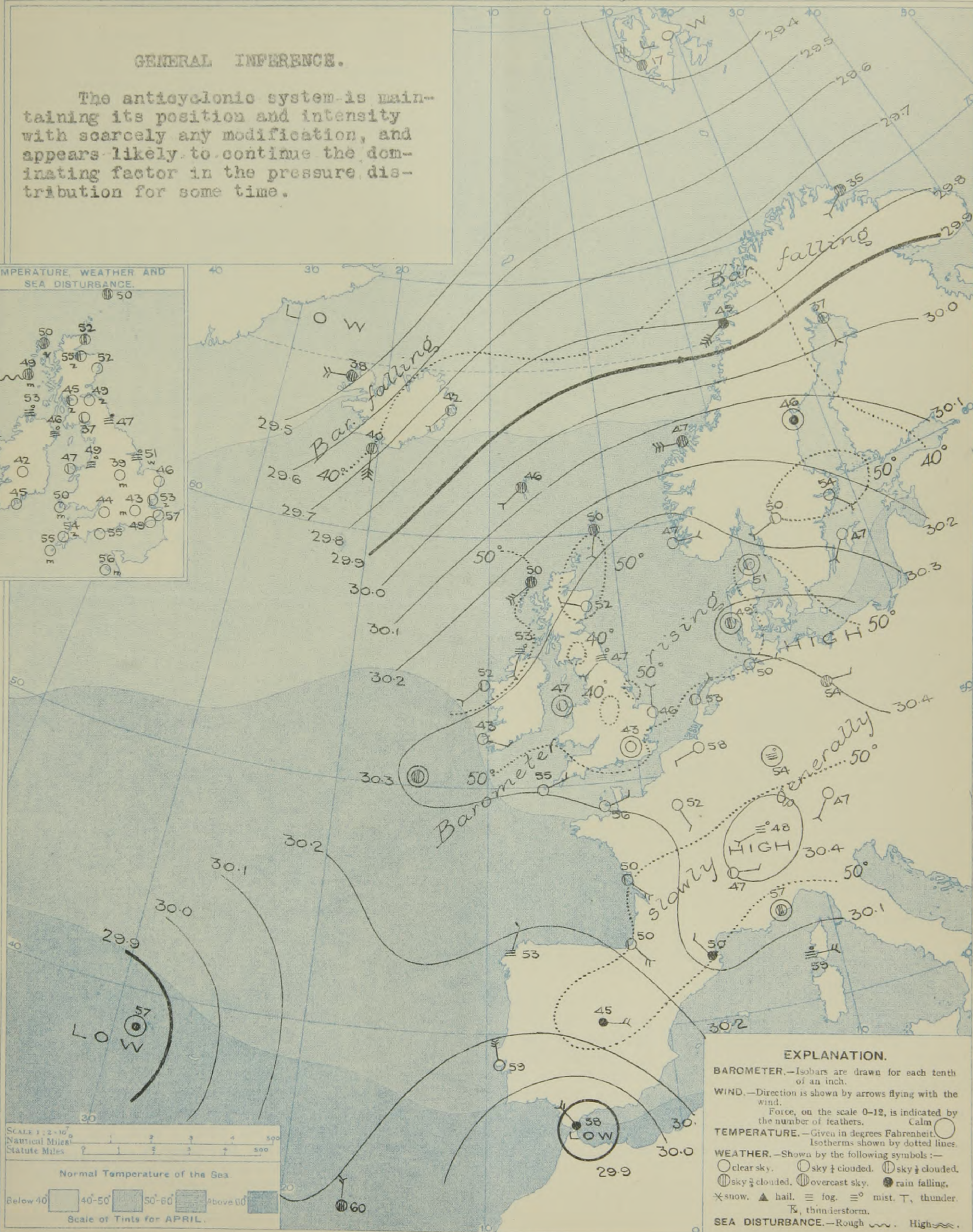
30

29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea

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



## EXPLANATION.

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

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

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

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

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

✕ snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.

⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ~~~.



## DAILY WEATHER REPORT.

Tuesday, 21st April 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.	
21st, 7am.	50	14	Compania	H	30.33	+0.2	-	0	c.	20th, 7am.	48	28	Empress of Ireland	O	29.88	+0.5	NNW	4-5	r
20th, 6pm.	48	23	Imperator	O	30.02	-0.2	S	6-7	o	"	48	26	Imperator	O	29.78	+0.8	NNW	10-11	r
"	51	22	Deutonia	O	29.92	-0.7	SSE	6-7	o	"	49	25	Imperator	O	29.84	+1.2	NNW	4-5	r
"	49	21	Compania	H	30.19	+0.3	SSE	6-7	o	"	54	16	Compania	O	29.85	-0.5	SSW	6-7	o
"	48	20	Imperator	O	30.17	-0.3	S	4-5	m	"	50	12	Imperator	O	30.22	-0.4	SSW	1-3	b
"	49	16	Underland	O	30.26	0.0	SW	4-5	m	"	49	12	Imperator	H	30.27	0.0	SSE	1-3	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	...	65	42	b	b	9.5	Eng. land, S.E.	Margate	...	62	44	b	b	12.4
	St. Andrews	...	71	35	"	"	7.7		Raingate	...	69	47	b	b	11.9
Eng. N.E.	Harrogate	...	68	39	b	b	11.0		Folkestone	...	68	47	b	b	12.4
	Scarborough	...	62	44	c.b.	c.b.	11.8		Hythe	...	69	46	b	b	12.3
Eng. N.W.	Skegness	...	56	33	b	b	12.0		Littlestone	...	69	49	b	b	12.0
	Douglas (10 m.)	...	65	44	b	b	12.2		Hastings	...	64	48	b	b	12.6
Eng. W.	Morecambe	...	68	42	b	b	10.3		Bexhill-on-Sea	...	64	48	b	b	12.2
	Blackpool	...	67	41	b.m.b.c.	b.m.	12.0		Eastbourne	...	64	47	b	b	12.2
Mid- lands.	Southport	...	68	40	b.b.c.	b	11.0		Seaford	...	71	45	b	b	12.5
	Buxton	...	65	32	b	b	12.0	Eng. land, S.W.	Brighton	...	72	48	b	b	12.3
Wales.	Leamington Spa	...	69	36	b	b	12.3		Worthing	...	72	47	b	b	12.7
	Malvern	...	69	44	b	b	11.7		Littlehampton	...	72	41	b	b	10.7
England, E.	Rhyl	...	69	40	b	b	12.5		Southsea	...	72	41	b	b	12.0
	Colwyn Bay	...	66	42	b	b	12.2		Ryde	...	71	52	b	b	10.5
England, E.	Llandudno	...	67	47	b	b	12.0		Ventnor	...	70	51	b	b	12.8
	Aberystwyth	...	62	45	c.b.	b.c.c.	12.3		Bournemouth	...	73	42	b	b	12.5
England, E.	Tenby	...	69	?	b	b	11.7		Weymouth	...	71	47	b	b	12.2
	Lowestoft	...	55	44	b	b	12.0		Exmouth	...	71	42	b	b	12.0
England, E.	Felixstowe	...	58	41	b.m.	b.m.	12.2		Teignmouth	...	68	40	b	b	12.0
	Walton-on-Naze	...	56	42	b	b	12.3		Torquay	...	67	43	b	b	11.9
England, E.	Southend-on-Sea	...	67	44	b	b	12.5		Paignton	...	69	38	b	b	9.8
									Falmouth	...	65	47	b	b	11.8
England, E.									Bude	...	67	37	b	b	12.5
									Ilfracombe	...	64	43	b	b	11.0
England, E.									Weston-super-Mare	...	69	41	b	b	12.5

## 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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	32	52	12.2	72	37	23	-	b	b	b.b.x
City (Bunhill Row)	"	"	11.5	"	"	"	-	b	b	b
Westminster (St. James's Pk.)	31	46	12.4	71	44	36	-	b	b	b
Camden Sq. (Brit. Rainfall)	34	48	11.9	75	41	34	-	b	b	b
Hampstead (Reservoir)	"	54	12.1	70	49	32	-	b	b	b
Richmond Park	"	"	12.4							
Kew. (See front page.)	"	"								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)				1666 joules	329 Milliwatts.		61.5 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.	-	62	42	40	b.m.b.	b
Plymouth to 9 p.m.	-	68	44	36	b.c.	b.c.
Darwen	-	69	34	33	b.c.	b.c.
Manchester	-	72	42	33	b.f.	b
Birmingham	-	70	42	23	b	b
Oxford to 8 p.m.	-	72	39	30	b	b
S. Kensington (Museum Grounds to 8 p.m.)	-	72	45	32	b.b.	b

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

21st & 22nd April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.45 4.43	G.M.T. 11.52 11.52	G.M.T. 6.58 7.0
Greenwich	4.55 4.53	11.59 11.59	7.3 7.5
Wick	4.47 4.45	12.11 12.11	7.34 7.36
Valencia	5.35 5.33	12.40 12.40	7.46 7.46

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° or a little above at many places in Great Britain, and to 69° at Birr Castle. During the night it fell to 34° at Nottingham, 37° at Bath, and to below 40° at some other stations. Slight frost occurred locally on the grass. Bright sunshine was very abundant, a large portion of the Kingdom recording more than 12 hours. According to wireless reports fresh or strong winds from the Southward prevailed between the Irish coast and the 24th meridian; farther west the wind was Northerly.

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 wrapper. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

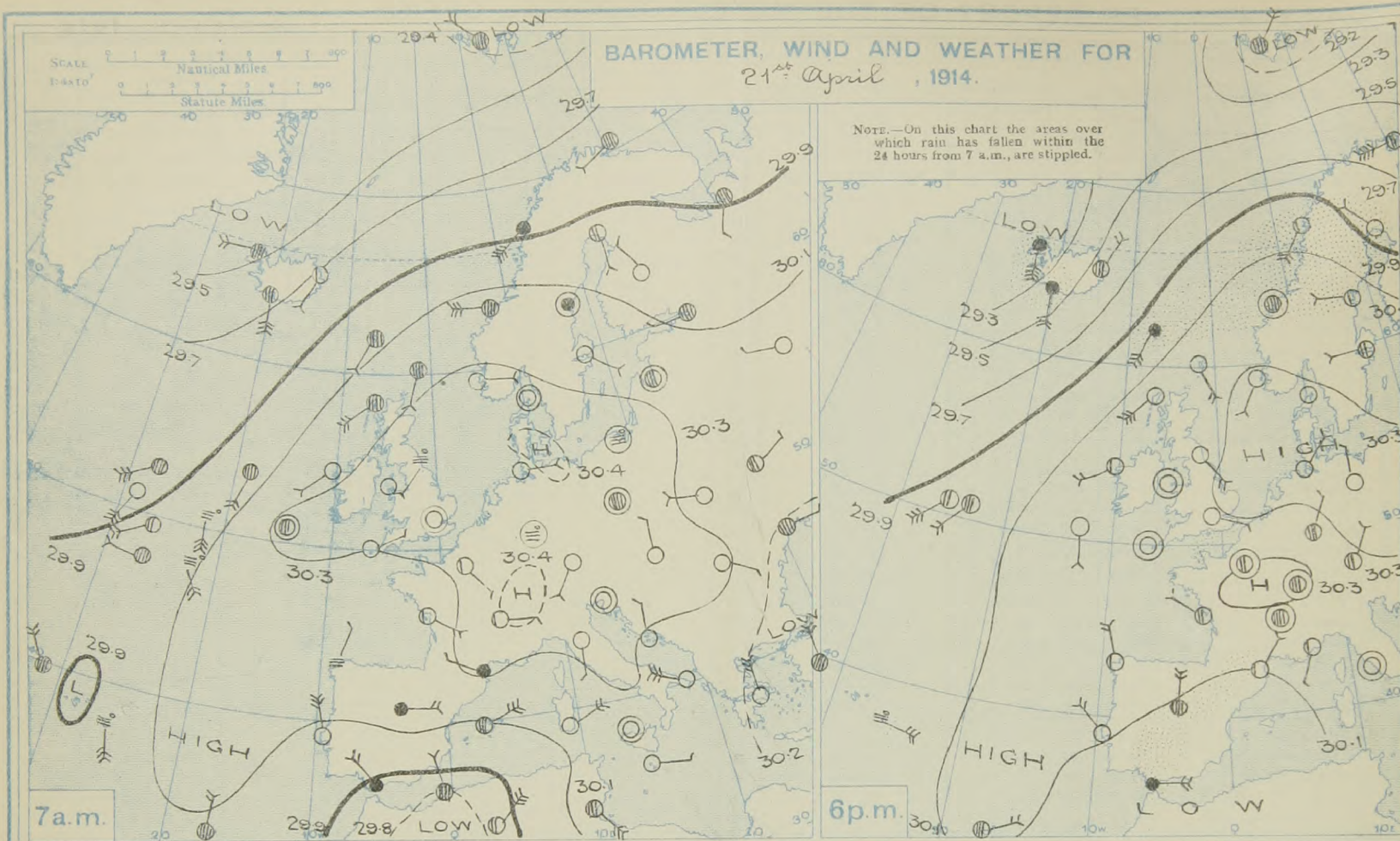


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday  
22nd April, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. M.S.L. Lat. 45°	Temp. F.	WIND.		Weather.	M.S.L. Lat. 45°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
			Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick ... ..	30.22	52	SSE	3	6	30.05	-0.4	49	-1	SW	2	b	1	55	45	opm.b	bc.b	bm				
	Stornoway ... ..	30.18	57	SW	6	byq	29.99	-0.5	53	+3	SSW	5	b	4	61	48	o.bq	byq	bq	8.2			
	Castlebay (Barra Isd.)	30.28	53	ESE	2	by	30.03	-0.2	51	+2	SSW	5	oz	5	55	48	om.bq	by	b.oz	10.7			
	Glasgow ... ..	30.26	64	WSW	2	b	30.18	-0.3	48	+3	ESE	1	bz	0	69	42	by.b	b	b.bz	12.3			
	Eskdalemuir ... ..	30.27	60	SW	1	by	30.24	-0.3	38	+1	0	0	bm	0	68	31	bm.b	by	b.bcm	11.9			
	Malin Head... ..	30.21	63	NW	2	m	30.08	-0.5	49	-4	SSW	3	m	2	69	47	by	by	bm	0			
	Blacksod Point ... ..	30.20	55	WSW	3	by	30.05	-0.5	51	-1	SW	5	cm	4	Trace	60	48	by	by	bc.cm	0		
	Valencia ... ..	30.27	57	S	2	bcy	30.19	-0.2	51	+8	S	2	oz	3	64	42	by	by	c.bz	12.5			
	Roche's Point ... ..	30.30	55	S	2	b	30.25	0	44	-1	M	1	c	1	59	39	by	by	bwrm	0			
	Birr Castle ... ..	30.23	69	S	1	b	30.20	0	45	+3	S	1	bc	0	71	41	b	b	bc	12.4			
	Donaghadee ... ..	30.27	63	SE	2	by	30.19	-0.3	48	+2	W	2	by	2	65	45	by	by	by	0			
	Liverpool Obsy. ... ..	30.29	58	SE	1	b	30.22	-0.2	49	0	SSE	1	bcy	1	68	47	bm	bm	bcm	10.7			
	Holyhead ... ..	30.29	59	0	0	b	30.23	-0.3	50	+3	SSW	3	bcm	1	62	46	by	bcy	by.bcm	12.5			
	Pembroke (St. Ann's Hd.)	30.30	60	W	1	b	30.25	+0.1	48	-2	M	1	bcm	1	62	47	bm	bm	bm	12.2			
	Newquay ... ..	30.27	62	NW	1	by	30.25	0.0	45	-9	SW	1	bcy	3	68	41	by	by	b.bcm	12.3			
	Scilly (St. Mary's) ... ..	30.28	59	0	0	bm	30.26	0.0	50	-5	0	0	bm	2	63	47	bm	bm	bm	12.2			
	Jersey (St. Aubin) ... ..	30.28	65	SE	1	b	30.29	0	54	-2	W	2	bm	1	66	50	bm	bm.b	b.bz	11.6			
	Portland Bill ... ..	30.29	55	NNW	2	b	30.25	0.0	53	-2	0	0	bc	1	56	49	b	b	b.bz	0			
	Dungeness ... ..	30.29	58	E	3	c	30.28	0.0	51	+2	S	2	cp	2	Trace	64	48	b	b.bz	bc.cp	0		
	Dover ... ..	30.29	56	NW	2	bc	30.26	0	52	-5	S	2	c	2	0.01	71	46	b	b.bz	ba.cp	12.2		
	Wick ... ..	30.19	54	SSW	3	b	30.05	-0.5	52	0	SSW	3	by	3	56	45	c.bm	bm.bz	bm.bz	0			
	Nairn ... ..	30.19	69	W	3	bc	30.08	0	53	-2	0	0	bc	0	73	44	q.bz	by	bcz	12.5			
	Aberdeen ... ..	30.23	65	SSW	3	b	30.14	-0.2	52	0	0	0	b	2	68	43	b	b	by	12.8			
	Leith ... ..	30.24	62	W	1	b	30.16	-0.5	42	-7	0	0	bm	0	69	37	by	by	by	0			
	North Shields ... ..	30.25	58	SE	3	b	30.20	-0.5	46	-1	SW	2	bc	2	64	44	by	by	m.bz	10.7			
	Spurn Head ... ..	30.32	51	SE	2	bc	30.25	+0.1	48	-3	S	1	bcw	2	0.01	59	44	bc	bc	b	12.7		
Yarmouth ... ..	30.32	52	NNE	1	b	30.23	-0.3	47	+1	WNW	1	b	0	57	45	b	b	bc	12.9				
Clacton-on-Sea ... ..	30.30	58	ENE	2	by	30.23	-0.1	48	-5	NW	2	oz	1	63	46	by	by	bcl.oz	11.8				
Nottingham... ..	30.30	69	S	1	b	30.24	0	45	+6	S	1	bm	0	72	39	b	b	b	11.5				
Bath ... ..	30.28	70	E	1	b	30.25	0	47	+3	SE	1	0	0	73	43	m.b	b	b.bz.cm	12.5				
London (Kew Obsy.)... ..	30.28	66	ESE	1	by	30.25	+0.1	50	+7	SSE	1	bcm	0	73	43	bm.bz	by.b	by.b	10.5				
ICELAND, FAEROE, &c.	Spitzbergen ... ..	29.13	20	NE	4	0	29.46	+0.8	21	+4	SE	1	c	0	21	12	GALES.						
	Isafjord... ..	29.26	42	S	9	r	29.06	-0.6	37	-1	SW	8	r	0	0	0	Duration and Extreme Force in British Islands.						
	Reykjavik† ... ..	29.29	42	SE	7	r	29.46	-0.1	39	0	S	2	c	0	0	0							
	Vestmanna†... ..	29.40	41	S	5	r	29.25	-0.1	37	-3	SSW	5	bc	3	0	0							
	Seydisfjord ... ..	29.52	45	NNE	3	c	29.20	-0.7	40	-2	0	0	c	0	0	0							
	Thorshavn ... ..	29.94	50	SSW	6	r	29.65	-0.3	49	+3	SSW	7	r	0	0	0							
NORTHERN EUROPE.	Vardö ... ..	29.53	37	W	8	bc	29.41	-0.6	35	0	SW	6	s	3	?	37	30						
	Bodö ... ..	30.05	42	SW	4	b	29.86	-0.4	44	-1	?E	6	r	4	0.63	45	36						
	Christiansund ... ..	30.21	46	0	0	0	30.13	+0.1	57	+10	SSW	1	b	5	0.45	57	45						
	Skudesnaes ... ..	30.32	48	SW	2	b	30.26	-0.1	47	0	E	2	b	1	54	42							
	Færder (X'ania Fjord)	30.26	48	SSE	2	b	30.27	0.0	45	-2	NE	2	m	1	52	43							
	The Scaw (Skagen)... ..																						
	Blaavands Huk ... ..																						
	Haparanda ... ..	29.59	46	NW	2	b	29.86	-0.4	36	-1	W	2	0	0	0.04	50	32						
Hernösand ... ..	30.19	54	WNW	2	b	30.17	-0.3	53	+7	0	0	b	0	Trace	59	44							
Stockholm ... ..	30.21	61	W	2	bc	30.22	+0.1	57	+3	SSW	2	b	0	66	50								
Wisby ... ..	30.27	49	WSW	2	b	30.30	-0.1	53	+6	SW	2	b	0	59	46								
Karlstad ... ..	30.23	39	SSW	2	b	30.27	0.0	47	-3	0	0	b	0	66	39								
St. Petersburg ... ..	30.09	42	W	2	0	30.08	+0.2	38	0	W	1	0	0	4	32								
CENTRAL EUROPE.	Berlin ... ..	30.34	64	M	1	b	30.37	+0.2	55	+1	S	1	b	0	72	45							
	Frankfurt ... ..	30.26	70	NE	1	c	30.32	+0.1	56	+2	ME	1	m	0	73	48							
	Munich ... ..	30.29	57	NE	2	bc	30.36	+0.1	48	+1	SSE	1	b	0	64	39							
	Vienna ... ..	30.35	61	M	2	b	30.38	+0.2	48	+2	0	0	b	0	70	46							
	Cuxhaven ... ..	30.36	57	ME	2	b	30.33	0.0	57	+7	E	1	bc	0	63	50							
	The Helder ... ..	30.32	57	NE	3	b	30.23	-0.2	57	+4	E	1	bc	1	61	53							
	Brussels ... ..	30.28	60	SE	1	bc	30.27	0.0	55	-3	SW	1	0	0	76	50							
FRANCE.	C. Gris Nez... ..	30.27	52	ME	3	bc	30.29	+0.1	51	0	S	3	c	2	Trace	59	50						
	La Hève ... ..	30.28	63	NNE	2	c	30.28	0	55	-3	0	0	bc	0	0.04	70	46						
	Ushant... ..																						
	Brest (St. Mathieu) ... ..	30.30	56	SE	2	m	30.31	+0.2	47	-5	ENE	1	m	3	?	59	45						
	Rochefort (Ile d' Aix)	30.29	59	NW	2	bc	30.29	+0.1	53	+3	SE	2	c	0	70	50							
	Biarritz ... ..	30.22	59	ESE	2	0	30.23	+0.1	53	+8	E	1	bc	2	66	50							
	Paris ... ..	30.29	62	SSE	2	b	30.31	+0.3	55	+3	SSW	1	b	0	71	46							
	Belfort ... ..	30.31	63	0	0	c	30.34	0	53	+5	0	0	m	0	71	46							
	Lyons ... ..	30.32	61	0	0	0	30.36	0	51	+4	0	0	r	0	66	46							
	Nice ... ..	30.28	59	SW	1	b	30.25	+0.1	60	+3	0	0	bc	2	70	54							
Perpignan ... ..	30.09	58	ME	2	b	30.29	+0.2	56	+6	W	2	b	0	64	45								
Sanguinaire... ..		63	E	1	m		0	59	0	E	2	m	3	64	50								
SOUTHERN EUROPE.	Corunna (8 a.m.) ... ..	30.16	61	NNW	3	b	30.25	0.0	54	+1	M	1	b	2	68	50							
	Madrid... ..	30.17	46	M	4	0	30.26	+0.5															





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.

- 0 { a } Southerly and South-Westerly winds, light to fresh; fair to  
b } dull, some rain locally; mild.
- 1 { Wind mainly Southerly, light; fair or bright; moderately  
2 { a } warm.  
b }
- 3 Same as No. 5.
- 4 { a } Light variable winds; fair or bright generally; rather warm.  
b }
- 5 { Light variable winds; some local thunder showers, otherwise  
cloudy to fair or bright; temperature rather high.
- 6 { a } Southerly and South-Westerly winds, light or moderate; fair  
7 { a } or fine and bright; moderately warm.  
b }
- 8 { a } Light variable winds; fine; moderately warm.  
b }
- 9 { a } Same as No. 0.  
b }
- 10 { a } Same as Nos. 6 and 7.  
b }

Western Channel and Bay. 11

Light variable winds; sea smooth; fine generally, some mist.

FURTHER OUTLOOK.

Millibars

1050

1040

1030

1020

1010

1000

990

980

970

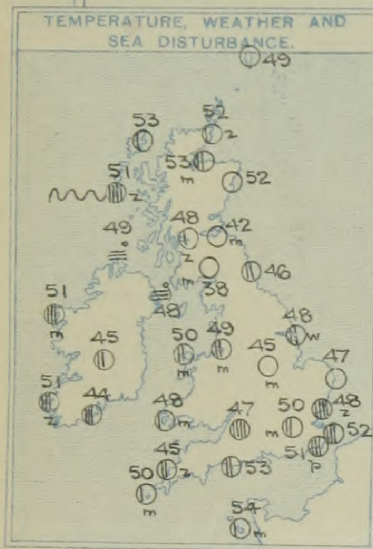


# SYNOPTIC CHART FOR 7 a.m., Wednesday, 22<sup>nd</sup> APRIL, 1914.

## GENERAL INFERENCE.

A very shallow local pressure irregularity which has developed between the English and Dutch coasts may give rise to a temporary thundery condition in the south-east of England, but there are no indications of any important change in the general distribution of pressure.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches.

31

30

29

28

27

26

25

24

23

22

21

20

19

18

17

16

15

14

13

12

11

10

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 40° 40°-50° 50°-60° Above 60°

Scale of Tints for APRIL.

## 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.

Isobars 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.

TS, thunderstorm.

SEA DISTURBANCE.—Rough High



## DAILY WEATHER REPORT.

Wednesday 22nd April, 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.	
21st 6 p.m.	50	23	<u>Ionian</u>	O	29.94	.00	SW	6-7	bc	21st 7 a.m.	49	26	<u>Victorian</u>	H	29.94	-.01	SW	4-5	b
"	50	22	<u>Victorian</u>	H	29.93	+.01	SW	4-5	c	"	47	26	<u>Manitou</u>	O	30.04	.00	WNW	1-3	o
"	50	12	<u>Montcalm</u>	O	30.38	.00	S	1-3	b	"	48	24	<u>Minneapolis</u>	O	30.02	+.03	WNW	4-5	m
" 7 a.m.	50	29	<u>Tartaris</u>	O	29.79	-.08	SSW	6-7	b	"	48	21	<u>Vaderland</u>	O	30.10	-.03	S	4-5	m
"	51	27	<u>Caledonian</u>	O	29.93	-.05	SW	6-7	o	"	50	20	<u>Ionian</u>	O	30.03	-.03	S	6-7	m
										"	52	18	<u>Scandinavian</u>	H	?	+.02	SSW	4-5	o

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban ...	-	65	53	b	b	12.0	England, S.E.	Margate ...	-	59	48	b	b	12.1
	St. Andrews ...	-	72	38	.	.	12.0		Ramsgate ...	-	63	46	b	b	11.7
Eng. N.E.	Harrogate ...	-	71	43	b	b	10.7		Folkestone ...	-	70	48	b	b	12.2
	Scarborough ...	-	66	44	b	b	11.4		Hythe ...	-	71	46	b	b	12.1
Eng. N.W.	Skegness ...	-	56	35	b	b	11.6		Littlestone ...	-	70	50	b	b	11.5
	Douglas (I.O.M.) ...	-	66	45	b	b	12.4		Hastings ...	-	63	50	b	b	12.6
Mid. lands.	Morecambe ...	-	66	40	b	b	9.4		Bexhill-on-Sea ...	-	65	45	b	b	11.6
	Blackpool ...	-	67	39	bm	bm	10.8		Eastbourne ...	-	68	44	b	b	12.0
Wales.	Southport ...	-	67	38	b3	b.	10.0		Seaford ...	-	61	49	b	b, b.c.c	11.7
	Buxton ...	-	69	?	b	b	11.7	England, S.W.	Brighton ...	-	70	48	b	b	12.4
England, E.	Leamington Spa ...	-	71	36	b	b	12.1		Worthing ...	-	70	48	b	b	9.8
	Malvern ...	-	72	45	b	b	11.5		Littlehampton ...	-	70	44	b	b	12.0
Wales.	Rhyl ...	-	68	40	b	b	12.0		Southsea ...	-	70	56	b	b	11.0
	Colwyn Bay ...	-	67	43	b	b	12.0		Ryde ...	-	70	52	.	b	12.8
England, E.	Llandudno ...	-	69	48	b	b	12.0		Ventnor ...	-	70	39	b	b	12.3
	Aberystwyth ...	-	62	44	c.b.c	b.b.c	12.0		Bournemouth ...	-	68	43	b	b3	12.5
England, E.	Tenby ...	-	68	?	b	b	12.5		Exmouth ...	-	?	44	b	b3	12.0
	Lowestoft ...	-	57	42	b	b	12.5		Teignmouth ...	-	66	44	b	b	12.2
England, E.	Felixstowe ...	-	61	43	bm	b	12.4		Torquay ...	-	66	45	b	b	11.8
	Walton-on-Naze ...	-	58	44	b3	b3	12.4		Paignton ...	-	64	41	b	b	9.8
England, E.	Southend-on-Sea ...	-	68	46	b	b	12.5		Falmouth ...	-	65	50	b	b	11.5
									Bude ...	-	71	40	b	b	12.0
									Ilfracombe ...	-	65	45	b	b	11.8
									Weston-super-Mare ...	-	72	43	b	b	12.1

## 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.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.) ...	40	76	11.9	74	45	31	-	b	b	b.c
City (Banhill Row) ...	38	75	11.8	73	48	40	-	b	b	b.c.c
Westminster (St. James's Pk.) ...	38	75	11.7	73	48	40	-	b	b	b.c.c
Camden Sq. (Brit. Rainfall)	38	75	11.7	73	48	40	-	b	b	b.c.c
Hampstead (Reservoir) ...	38	75	11.7	73	48	40	-	b	b	b.c.c
Richmond Park ...	38	75	11.7	73	48	40	-	b	b	b.c.c
Kew. (See front page.)	38	75	11.7	73	48	40	-	b	b	b.c.c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)				1465 Joules		28.8 Milliwatts.				

## Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.	Sunshine for Yesterday.
		Max.	Min.					
Dublin to 4 p.m.	-	68	45	41	b3.m	bm	b	4
Plymouth to 9 p.m.	-	68	45	36	b	b	b	12.6
Darwen "	-	72	46	26	.	b3.b	b	10.1
Manchester "	-	72	46	26	.	b3.b	b	10.1
Birmingham "	-	72	46	26	.	b3.b	b	10.1
Oxford to 8 p.m.	-	73	39	30	b3	b3	b3	.
S. Kensington (Museum Grounds to 6 p.m.)	-	74	45	30	b	b3	b3	.

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

22nd April 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.43	G.M.T. 11.52	G.M.T. 7.0
Greenwich ...	4.43	11.51	7.1
Wick ...	4.53	11.59	7.5
Valencia ...	4.51	11.55	7.6
	4.45	12.11	7.36
	4.43	12.10	7.38
	5.33	12.40	7.46
	5.31	12.39	7.48

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° or a little higher in many parts of the Kingdom, and bright sunshine was again very abundant, more than 12 hours being recorded over a very large area. Some rain, accompanied by lightning, occurred at Jersey during the night, and a very slight amount of rain fell at Dover. Lightning was observed at Clacton-on-Sea. Wireless reports show that as far west as the 29th meridian a moderate to strong Southerly to South-Westerly breeze prevailed.

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-laze, 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

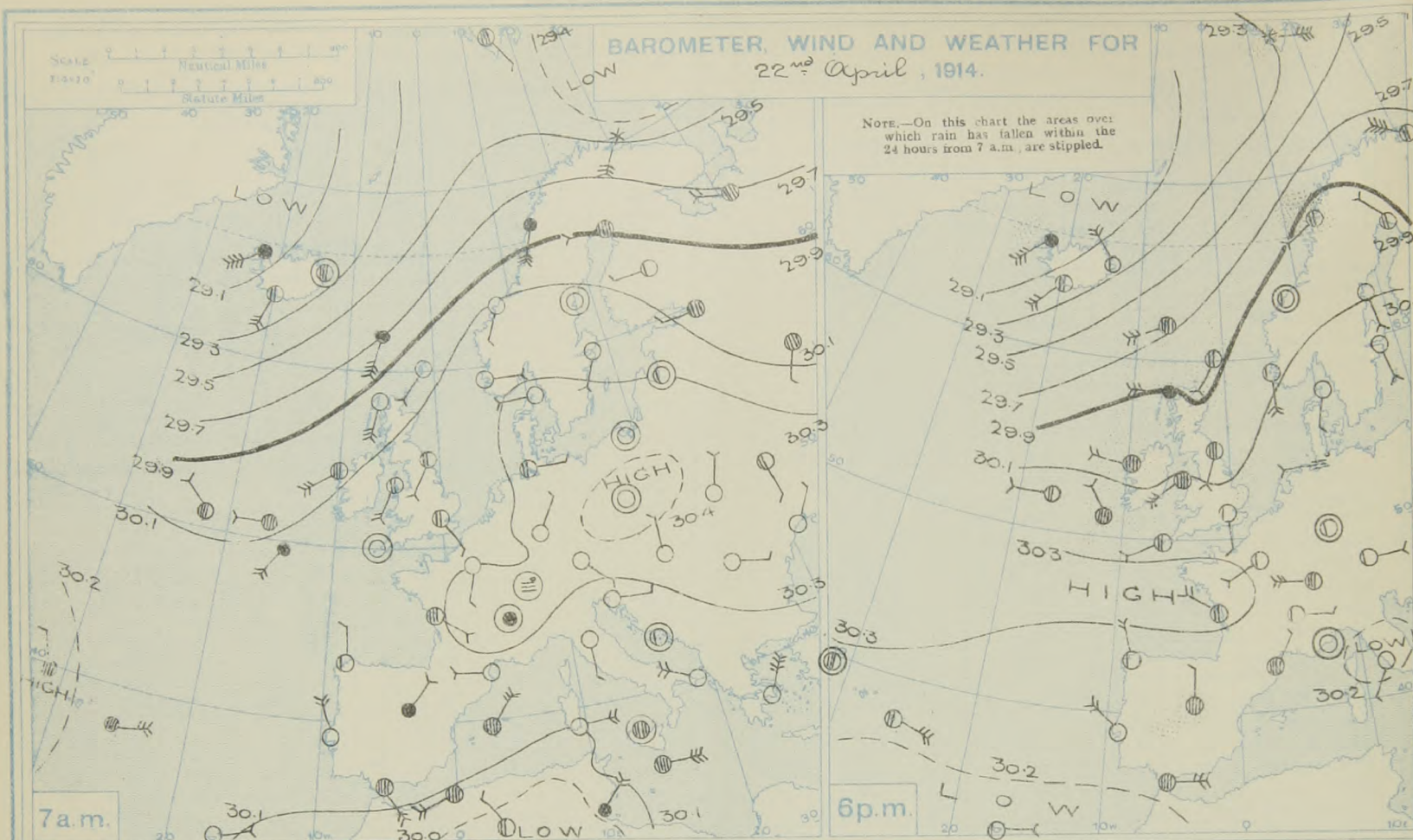


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
23rd April, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.						Sun- shine for Yester- day	
		Barom. M.S.L. Lat. 45°	Temp. F.	WIND		Weather.	M.S.L. Lat. 46°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon	Night.		
BRITISH ISLANDS.	Lerwick ...	29.84	45	SW	2	bc	29.79	+0.2	44	-5	SSW	3	c	3	0.22	54	39	b	b	c or bc.	Hours.	
	Stornoway ...	29.90	44	W	5	or	29.89	+0.1	43	-10	WSW	6	bcg	5	0.30	56	38	c or q.	or q.	bcg	3.0	
	Castlebay (Barra Isd.)	29.94	46	W	4	op	29.99	0.0	43	-8	WSW	5	bc p	5	0.27	51	39	orm	m or p	op bc p	0.9	
	Glasgow ...	29.96	58	SW	4	og	30.10	+0.4	42	-6	WSW	3	c	*	0.13	63	41	by, bc c	c o	od c.	7.8	
	Eskdalemuir ...	29.93	53	SSW	4	c	30.15	+0.3	41	+3	SW	4	c	*	0.08	63	36	bm	bc c	op c.	7.0	
	Malin Head...	29.99	46	WNW	4	r	30.12	+0.5	44	-5	W	5	b	4	0.15	60	42	cm	orm	bc m	*	
	Blacksod Point ...	30.08	49	WNW	3	og	30.18	+0.1	46	-5	W	3	bc p	3	0.19	52	43	cm or m	orm or g	cg p	*	
	Valencia ...	30.18	51	W	3	om	30.35	+0.4	47	-4	WSW	3	ot p	4	0.14	58	46	cg	orm	bc or p	2.0	
	Roche's Point ...	30.18	53	WSW	4	r	30.36	*	46	+2	W	3	c	3	0.02	58	44	cm	orm	p or bc c.	*	
	Birr Castle ...	30.09	53	SW	2	c	30.27	*	43	-2	WSW	1	c	*	0.04	64	40	bc	cd	c	5.3	
	Donaghadee ...	30.03	57	WSW	3	om	30.18	+0.2	42	-6	WNW	3	bc	2	0.02	65	40	bc m	cm	c or g, bc	*	
	Liverpool Obsy. ...	30.10	58	SW	3	bc	30.24	+0.4	46	-3	W	4	c	3	0.01	64	44	b	bc	p or bc	9.1	
	Holyhead ...	30.12	52	SW	5	og or g	30.27	+0.4	51	+1	W	5	cg	4	trace	59	44	b, bc, cg	bc, bc	or or bc	5.0	
	Pembroke (St. Ann's Hd.)	30.22	52	SW	3	c	30.33	+0.4	47	-1	WNW	4	cg p	4	0.02	56	45	bc m	bc m	cm g	8.0	
	Newquay ...	30.24	54	SW	1	bc g	30.33	+0.3	51	+6	NNW	2	c	3	0.02	62	45	bc, g	b, bc g	bc or p c.	7.3	
ICELAND, FAEROE, &c.	Spitzbergen ...	29.68	22	-	0	b	29.30	-12	26	+5	ESE	7	S	*	*	26	16	GALES. Duration and Extreme Force in British Islands.				
	Isafjord ...	29.03	40	SW	7	r	29.20	+0.4	35	-2	E	4	c	*	*	*	*					
	Reykjavik ...	29.17	40	WSW	5	o	29.30	+0.5	36	-3	WSW	5	c	*	*	*	*					
	Vestmanna ...	29.26	37	SW	5	bc	29.36	+0.6	37	0	WSW	3	bc	4	*	*	*					
	Seydisfjord ...	29.27	55	NW	4	b	29.29	+0.1	37	-3	WSW	1	b	*	*	*	*					
	Thorshavn ...	29.68	54	WSW	5	o	29.56	-0.2	41	-8	WSW	4	c	*	*	*	*					
	NORTHERN EUROPE.	Vardö ...	29.76	37	NW	8	o	29.90	-0.3	36	+1	S	2	c	2	-	37	32				
		Bodö ...	29.93	47	SW	2	bc	29.67	-13	51	+7	E	3	bc	2	0.51	51	41				
		Christiansund ...	29.94	54	-	0	b	29.62	-0.9	57	0	S	1	b	4	-	64	50				
		Skudesnaes ...	30.08	49	S	4	b	29.87	+0.1	47	0	S	6	o	3	-	52	45				
		Færder (X'lania Fjord)	30.15	48	SSW	3	b	29.92	-0.6	48	+3	S	4	m	2	-	52	45				
		The Scaw (Skagen)...	30.18	52	SSW	1	b	29.99	-0.3	51	+2	SSW	2	m	0	-	66	48				
		Blaavands Huk ...	30.17	54	SSW	1	m	30.07	-0.3	51	+2	SSW	3	c	2	-	59	48				
		Haparanda ...	29.90	49	NW	2	bc	29.96	-0.1	40	+4	S	2	b	*	-	52	32				
		Hernösand ...	30.09	54	S	2	b	29.89	-0.9	44	-9	N	2	b	*	-	66	34				
Stockholm ...		30.13	63	S	2	b	30.03	-0.4	58	+1	WSW	2	b	*	-	72	48					
CENTRAL EUROPE.	Wisby ...	30.19	60	SW	2	b	30.11	-0.3	54	+1	WSW	2	b	*	-	64	46					
	Karlstad ...	30.13	58	-	0	b	29.99	-0.4	49	+2	S	2	b	*	-	64	37					
	St. Petersburg ...	29.99	44	NW	1	b	30.01	?	41	+3	NNW	1	b	*	-	*	32					
	Berlin ...	30.20	72	-	0	b	30.29	+0.1	58	+2	-	0	m	*	-	77	55					
	Frankfurt ...	30.25	57	E	2	b	30.32	+0.3	54	+6	WNW	3	b	*	-	66	43					
	Munich ...	30.28	58	W	1	b	30.28	+0.2	47	-1	-	0	b	*	-	66	43					
FRANCE.	Cuxhaven ...	30.20	57	W	2	m	30.16	-0.1	55	-2	SW	2	b	0	-	72	50					
	The Helder ...	30.21	52	SSW	3	b	30.17	+0.2	52	-5	SSW	3	bc	2	-	68	48					
	Brussels ...	30.28	54	-	0	b	30.29	+0.2	53	-2	SW	1	bc	*	-	69	46					
	C. Gris Nez...	30.23	54	SSW	4	c	30.28	+0.1	48	-3	SW	5	o	3	-	64	37					
	La Hève ...	30.29	60	WSW	2	b	30.35	*	51	-4	W	3	o	3	-	68	45					
	Ushant...	30.30	51	W	2	o	30.38	*	52	+1	NNW	2	o	3	-	59	48					
	Brest (St. Mathieu) ...	30.34	55	SW	2	c	30.42	+0.2	52	+5	WNW	2	c	2	-	61	47					
	Rochefort (Ile d' Aix)	30.31	59	NW	3	b	30.39	+0.3	54	+1	NE	3	bc	*	-	75	52					
	Biarritz ...	30.26	60	NE	3	bc	30.37	+0.2	55	-3	SW	3	b	2	-	70	54					
	Paris ...	30.28	65	W	2	b	30.36	+0.3	53	-2	-	0	b	*	-	73	43					
SOUTHERN EUROPE.	Belfort ...	30.25	65	W	5	c	30.36	*	53	0	WSW	2	m	*	-	73	47					
	Lyons ...	30.27	66	E	1	b	30.35	*	60	+9	NNW	1	b	*	-	72	51					
	Nice ...	30.23	62	-	0	b	30.20	0.0	62	+2	E	1	b	1	-	73	55					
	Perpignan ...	30.27	62	NE	1	o	30.30	+0.1	64	+8	W	1	b	*	-	71	49					
	Sanguinaire...	#	63	N	2	m	*	*	55	-4	E	2	c	2	-	63	50					
	Corunna (8 a.m.) ...	30.23	60	NNW	3	b	30.31	0.0	54	0	N	1	f	3	-	61	48					
	Madrid ...	30.25	57	N	1	o	30.35	+0.4	57	+7	NE	4	b	*	trace	59	46					
	Lisbon (9 a.m.) ...	30.23	61	NW	4	o	30.26	+0.4	60	+3	NNW	5	o	5	-	70	55					
Gibraltar ...	30.22	60	E	5	o	30.22	*	59	-1	E	5	o	2	-	61	59						
Rome ...	30.19	61	SW	1	b	30.17	0.0	52	-2	N	1	b	*	-	73	50						
Azores (Horta, 8 a.m.)	30.22	*	S	2	c	30.29	+0.2	59	-1	NE	4	c	4	-	64	57						
Madeira (Funchal) ...	30.17	62	E	2	b	30.12	0.0	63	+2	E	2	bc	2	-	72	61						





**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**

0 a } Wind mainly Westerly or South-Westerly, light or moderate,  
b } fresh locally; mostly fair, some showers in places; moderate  
1 } temperature.  
2 a }  
b }

3 } Wind light or moderate from some Westerly point; some  
4 a } local showers and a good deal of cloud, fairer later; moderate  
b } temperature.  
5 }

6 a } Same as Nos. 0 to 2.  
b }

7 a } Same as Nos. 3 to 5.  
b }

8 a } Same as Nos. 0 to 2.  
b }

9 a }  
b }  
10 a }  
b }  
11 } North-Westerly or Westerly winds, light or moderate; sea  
slight; cloudy or fair generally.

**FURTHER OUTLOOK.**

Millibars  
1050—31

1040

1030

1020

1010

1000

990

980

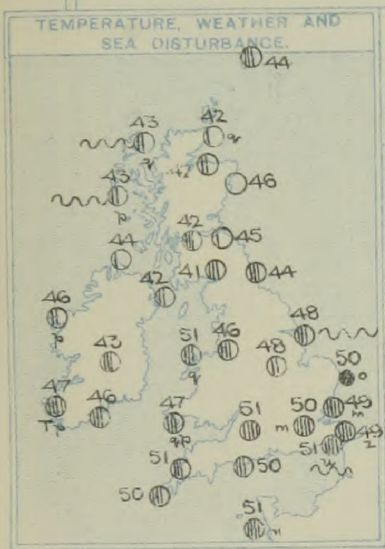
970



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

## GENERAL INFERENCE.

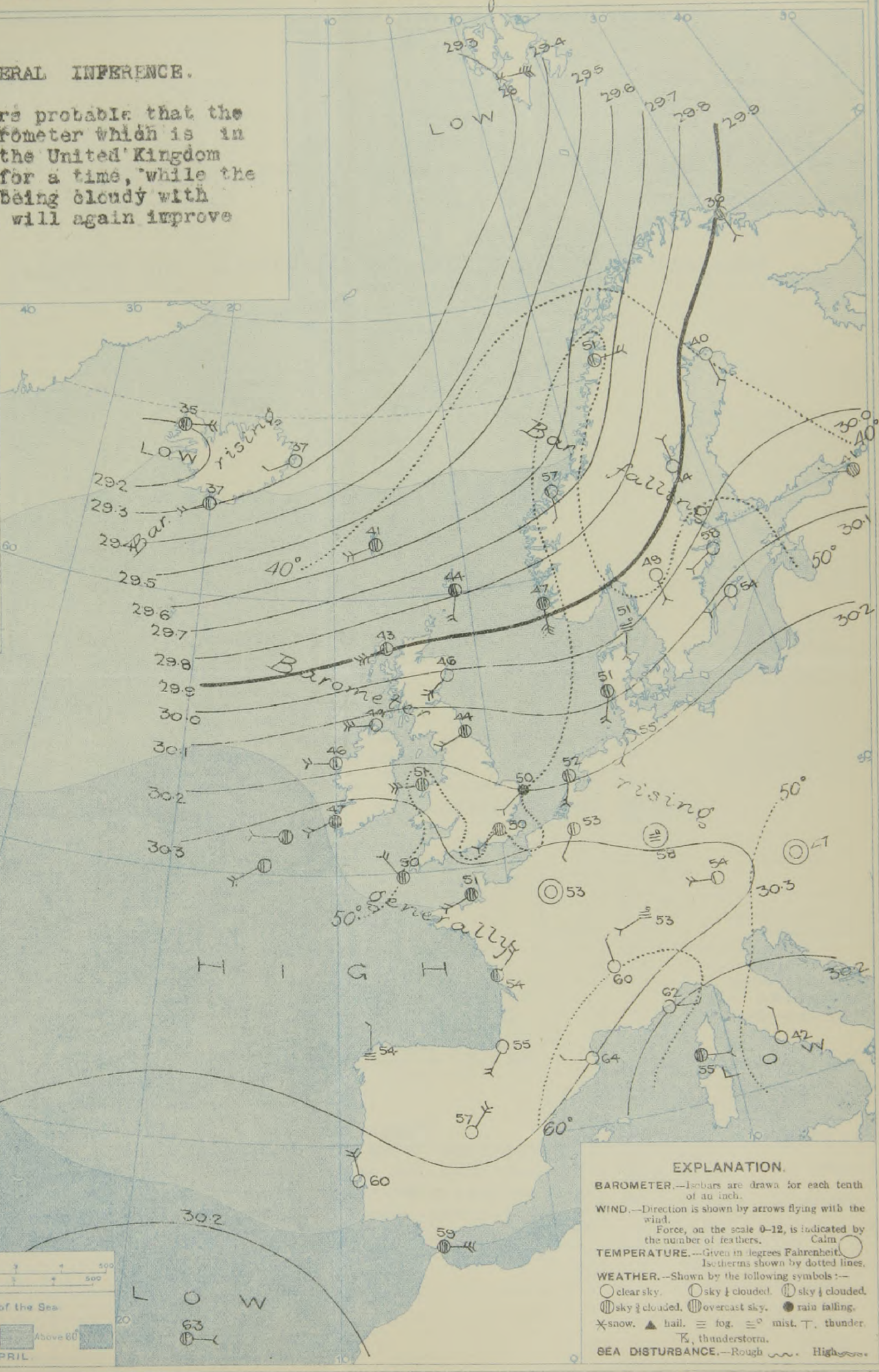
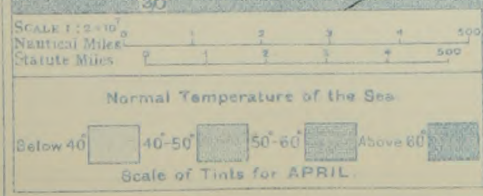
It appears probable that the rise of the barometer which is in progress over the United Kingdom will continue for a time, while the weather, after being cloudy with local showers, will again improve generally.



Inches.

30

29



## EXPLANATION.

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



## DAILY WEATHER REPORT.

Thursday, 23rd April, 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.	
23rd, 7am.	50	14	Lymie	O	30.39	+05	WSW	4-5	bc	22nd, 7am	50	21	Donimion	H	30.08	+04	WNW	1-3	c
"	51	13	Donimion	H	30.26	+02	W	1-3	c	"	50	16	Victorian	H	30.11	+06	W	1-3	o
22nd, 6pm	51	17	Victorian	H	30.16	+01	W	1-3	bc	"	49	15	Montcalm	O	30.09	-10	SW	4-5	r
"	50	12		H	30.20	+03	NW	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	0.15	65	44	dc.	c-ot	8.8	Margate	...	0.12	63	46	cp bc	cp	2.0
	St. Andrews	-	70	35	*	*	7.6		Ramsgate	0.14	61	45	o	r	0.9
Eng. N.E.	Harrogate	-	71	42	b	b	10.9	Folkestone	...	0.08	58	46	bc r	bc	1.9
	Scarborough	-	67	49	b	b	7.9		Hythe	-	61	48	b	b	1.7
Eng. N.W.	Skegness	-	62	41	b	bc	5.1	Littlestone	...	-	60	49	bc-c	c-b	4.0
	Douglas (I.O.M.)	-	62	48	b	b	7.8		Hastings	-	60	49	bc-c	c-b	3.9
Eng. N.W.	Morecambe	-	59	42	b	bc	7.2	Bexhill-on-Sea	...	-	50	50	b	om	5.5
	Blackpool	0.03	63	42	bm	bc-c	6.0		Eastbourne	-	63	52	bc b	bc b	8.0
Mid. lands.	Southport	-	63	40	z-bc	bc	7.0	Seaford	...	-	63	48	b	bm.	8.7
	Buxton	-	69	39	b	b	11.5		Brighton	-	59	51	c	c-o	7.2
Wales.	Leamington Spa	-	71	42	z	cz	8.8	Worthing	...	-	61	49	bc	bc-o	5.7
	Malvern	-	70	50	z	b	8.5		Littlehampton	-	63	48	b-bc	bc	7.3
England, S.W.	Rhyl	-	65	44	b	bc	7.8	Southsea	...	-	63	48	b-bc	bc	10.8
	Colwyn Bay	-	68	45	b	b	6.0		Ryde	-	64	52	b	b	10.0
England, S.W.	Llandudno	-	66	48	b	b	7.5	Ventnor	...	-	66	47	b	b	8.3
	Aberystwyth	-	59	46	c-b	bc-o	5.7		Bournemouth	-	66	45	bz	bz	10.8
England, S.W.	Tenby	-	68	41	bc	bc	6.5	Weymouth	...	-	64	46	b	m-bz	7.5
	Lowestoft	-	61	44	o-cu	c-o-c	3.8		Exmouth	-	60	44	b	b	8.1
England, S.W.	Felixstowe	0.02	60	42	ompt	c-bc	0.5	Teignmouth	...	-	69	43	bc	bc-b	5.3
	Walton-on-Naze	0.02	61	41	cgz po	o-bc-cg	0.5	Torquay	...	-	67	47	bc	b	6.0
England, S.W.	Southend-on-Sea	0.14	61	43	c-o	p-or	0.0		Paignton	-	67	42	m-bc	bc	3.6
								Falmouth	...	-	66	47	bc	bc	7.1
									Bude	-	60	40	w-bc-b	b-bc-f	10.0
								Ilfracombe	...	-	61	51	bc-c	bc	6.1
									Weston-super-Mare	-	62	47	b	b-bc-b	9.5

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
Greenwich (Royal Obs.) ...	% 61	% 83	Hr. 0.1	F. 66	F. 44	F. 28	In. 0.01	o-cp	o-cp	b-c
City (Bunhill Row) ...	*	*	0.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	85	0.5	65	46	40	-	ce	ce	ce
Camden Sq. (Brit. Rainfall)	*	*	*	*	*	*	*	*	*	*
Hampstead (Reservoir) ...	*	85	0.3	62	43	40	-	c-op	dp	o
Richmond Park ...	*	*	1.9	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.)	54	77	0.6	748 Joules		14.6 Milliwatts.		53.5 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
Dublin to 4 p.m.	-	67	47	43	b	bc	c-o.
Plymouth to 9 p.m.	-	59	45	37	c-bw	c-b	c-b.
Darwen	-	64	50	41	bc	bc	7.2
Manchester	-	70	46	37	b	b-bc	9.0
Birmingham	-	72	48	30	b	b	10.1
Oxford to 8 p.m.	-	70	46	37	bz bz w	bz bz cz bz bz	*
S. Kensington (Museum Grounds to 6 p.m.)	Trace	69	50	34	bc cz bz	cz bz o-z	o-p-c

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

Br. & L. 4th Apr. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.41 4.39	G.M.T. 11.51 11.51	G.M.T. 7.1 7.2
Greenwich	4.51 4.49	11.58 11.58	7.6 7.7
Wick	4.43 4.41	12.10 12.10	7.38 7.40
Valencia	5.31 5.29	12.39 12.39	7.48 7.50

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° in some parts of England, but remained below 60° on various parts of the south-western, southern and eastern coasts. Bright sunshine was less generally prevalent than of late; at several stations in the south-east there was very little. Showers were experienced in many localities, with thunder and lightning at Clacton-on-Sea.

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.

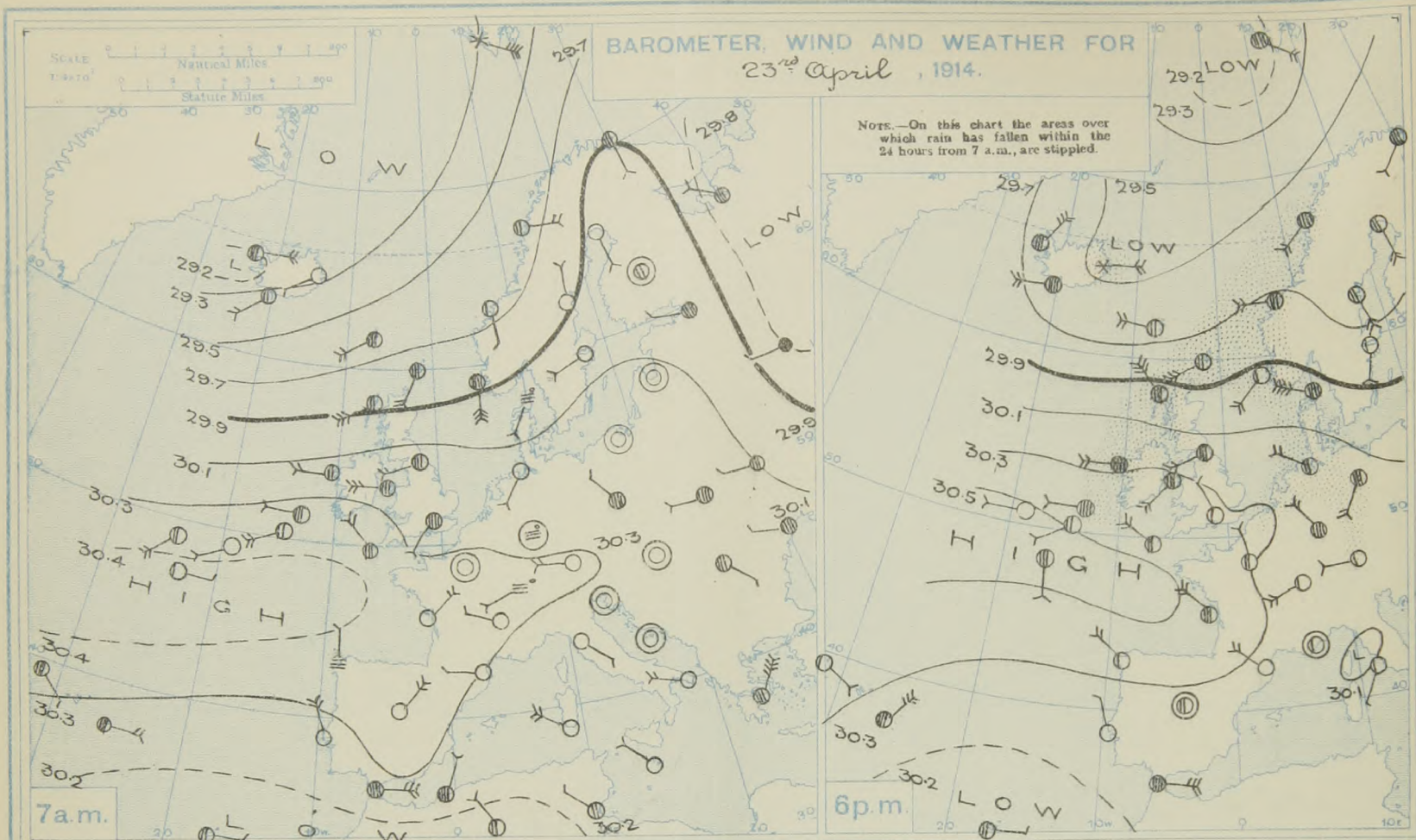
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24th April 1914.

† Received too late for insertion in Charts.





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

**No Warnings Issued.**

0	a	Wind mainly Westerly, moderate or light; some passing showers, otherwise fair or cloudy; moderate temperature.
	b	
1		
2	a	Wind mainly Westerly, light or moderate; mostly fair, cloudy or dull at times; moderate temperature.
	b	
3		
4	a	Same as Nos. 0 to 2.
	b	
5		
6	a	Same as Nos. 3 to 5.
	b	
7	a	Same as Nos. 0 to 2.
	b	
8	a	Same as Nos. 3 to 5.
	b	
9	a	Same as Nos. 0 to 2.
	b	
10	a	Same as Nos. 3 to 5.
	b	

Western Channel and Bay. 11

Wind North-Westerly, light or moderate; sea slight; fair generally.

**FURTHER OUTLOOK.**

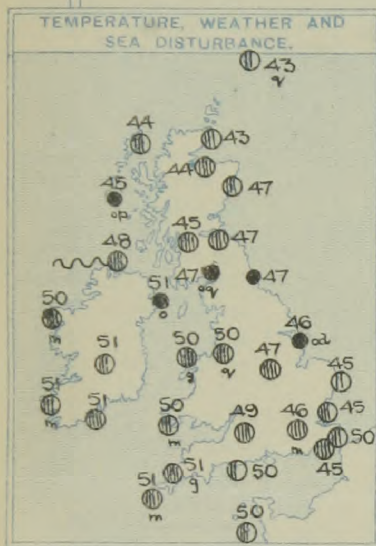
Millibars  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970



# SYNOPTIC CHART FOR 7 a.m., Friday, 24<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

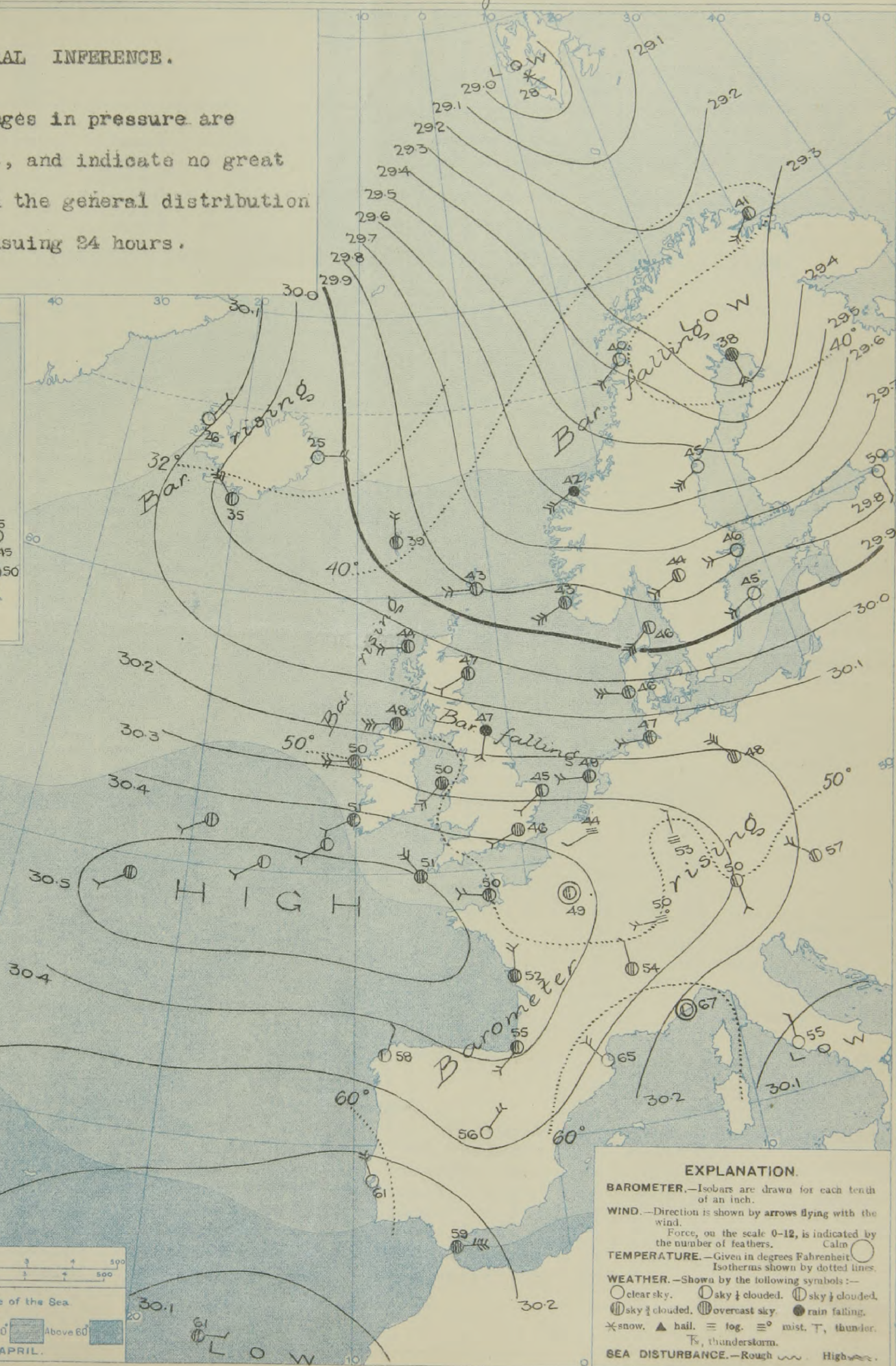
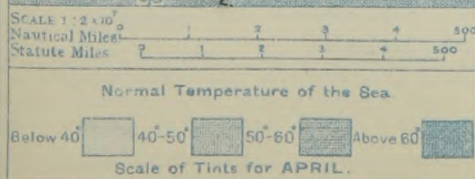
The changes in pressure are rather slight, and indicate no great alteration in the general distribution during the ensuing 24 hours.



ches  
-31

-30

-29



## 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.  
Ts, thunderstorm.

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



## DAILY WEATHER REPORT.

Friday, 24th April, 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.	
24th, 7 a.m.	49	22	Gymric	O	30.55	+0.4	WSW	1-3	c	23rd, 6 p.m.	48	16	Olympic	H	30.57	+0.2	S	1-3	c
" "	51	19	Royal George	O	30.47	-0.2	WSW	1-3	bc	" "	50	14	Laurentie	H	30.48	-0.2	WSW	1-3	bc
" "	50	16	Decatur	O	30.51	-0.1	WSW	1-3	b	" "	51	13	Royal George	O	30.48	+0.2	W	1-3	o
" "	51	12	Empress of Britain	H	30.55	0.0	WSW	1-3	b	23rd, 7 a.m.	49	22	Montcalm	O	30.22	+0.2	W	4-5	bc
23rd, 6 p.m.	50	18	Empress of Britain	H	30.51	0.0	W	1-3	b	" "	47	22	Olympic	H	30.45	+0.3	E	1-3	b
" "	50	17	Gymric	O	30.53	+0.3	WSW	4-5	b	" "	49	19	Laurentie	H	30.37	+0.4	WSW	1-3	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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
{ Oban ...	0.21	60	41	bc p.o.	bc.	4.0	Ramsgate ...	0.01	56	42	bc	bc.	2.7
{ St. Andrews ...	-	61	41	"	"	8.9	Folkestone ...	-	57	45	c-bc	bc-c.	1.8
Eng. N.E.							Hythe ...	-	57	46	o-bc	b	1.6
{ Harrogate ...	-	53	40	o-bc-b	bc	6.8	Littlestone ...	-	-	-	-	-	2.3
{ Scarborough ...	-	60	46	c-b	c-b	7.6	Hastings ...	0.02	57	47	o-bc	o-bc	1.0
{ Skegness ...	0.02	59	46	b-bc	b-bc	7.6	Bexhill-on-Sea ...	trace	57	48	bc	om-r	1.7
{ Douglas (Iom.) ...	0.03	55	41	bg	bg	10.0	Eastbourne ...	-	57	47	bc-o	o-bc	3.8
{ Morecambe ...	0.04	53	46	b	b	10.2	Seaford ...	-	55	46	m-bc	bc-bm	2.8
{ Blackpool ...	0.02	53	45	bc	bc-c	11.0	Brighton ...	0.01	58	48	o-bc	c-bc	2.5
{ Southport ...	0.02	55	45	bc-b	b-bc	11.0	Worthing ...	-	60	48	o-c	bc-b	2.6
Mid- lands.							Littlehampton ...	-	-	-	-	-	2.9
{ Buxton ...	-	53	41	bc	bc	6.6	Southsea ...	-	62	48	o-c	bc	4.5
{ Leamington Spa ...	0.02	58	45	o-bc	bc	7.2	Ryde ...	-	59	53	b	b	6.0
{ Malvern ...	-	56	48	b	b	7.0	Ventnor ...	-	59	53	-	-	5.2
Wales.							Bournemouth ...	-	61	47	c-bc-c	c-bc-c	5.3
{ Rhyl ...	0.07	56	45	c-b	bc	8.9	Bognor ...	-	-	-	-	-	3.6
{ Colwyn Bay ...	0.06	61	44	b	b	8.4	Weymouth ...	-	63	49	c-b	bc	5.6
{ Llandudno ...	0.05	58	44	b	b	8.3	Exmouth ...	-	63	48	b	b	8.5
{ Aberystwyth ...	0.05	52	46	o-c	c-bc	7.5	Teignmouth ...	-	59	50	bc	bc	7.0
{ Tenby ...	0.03	55	41	c-b	b	10.2	Torquay ...	-	59	50	c	c-bc	5.3
England, E.							Paignton ...	0.01	61	49	bc	b	3.4
{ Lowestoft ...	-	55	46	o	o-bc	3.4	Falmouth ...	-	56	49	c-b	bc	8.6
{ Felixstowe ...	0.02	57	45	o	bc	3.0	Bude ...	0.05	59	50	c-bc-b	b	9.5
{ Walton-on-Naze ...	0.03	56	46	omd-o	o-bc	2.6	Ilfracombe ...	0.04	53	48	bc-b	b	9.5
{ Southend-on-Sea ...	0.14	58	46	o-c	bc-b	3.7	Weston-super-Mare ...	-	55	49	b-bc-b	b-bc-b	8.0

## 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.) ...	49	65	3.8	61	41	3.0	-	o	c
City (Bunhill Row) ...	-	-	4.0	-	-	-	-	bc	bc
Westminster (St. James's Pk.) ...	54	69	4.4	60	43	3.7	-	bc	bc-b
Camden Sq. (Brit. Rainfall) ...	49	62	4.8	61	42	3.6	-	o	c-bc-b
Hampstead (Reservoir) ...	-	70	4.3	59	40	3.2	-	bc	bc
Richmond Park ...	-	-	5.2	-	-	-	-	-	o
Kew. (See front page.)	-	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	48	64	4.8	Total. 970 Joules		Average Rate. 18.9 Milliwatts.		Max. Rate. 65.0 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.	F.	F.	bc.	4.0
Plymouth to 9 p.m.	0.01	57	48	42	bc	4.0
Darwen "	0.13	53	39	38	bc or	4.0
Manchester "	-	57	45	44	c	4.0
Birmingham "	-	57	45	44	c	4.0
Oxford to 8 p.m.	-	60	47	41	bc-b.	4.0
S. Kensington (Museum Grounds to 6 p.m.)	trace	63	45	41	c-o.	4.0

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

24th & 25th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.39 4.37	G.M.T. 11.51 11.51	G.M.T. 7.2 7.4
Greenwich ...	4.49 4.47	11.58 11.58	7.7 7.9
Wick ...	4.41 4.38	12.10 12.10	7.40 7.42
Valencia ...	5.29 5.27	12.39 12.39	7.50 7.52

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° in many parts of the Kingdom. At night the thermometer fell to 30° at Nairn, but remained above 40° generally. Rain fell in Ireland and at some stations in Scotland and the north of England, the highest figure being 0.4 in. at Glasgow. Several hours of bright sunshine were recorded except in the south-east of England, where the duration was slight. Wireless reports show that West-South-Westerly winds, moderate or light, prevailed as far west as the 22nd 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.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
25th April 1914.

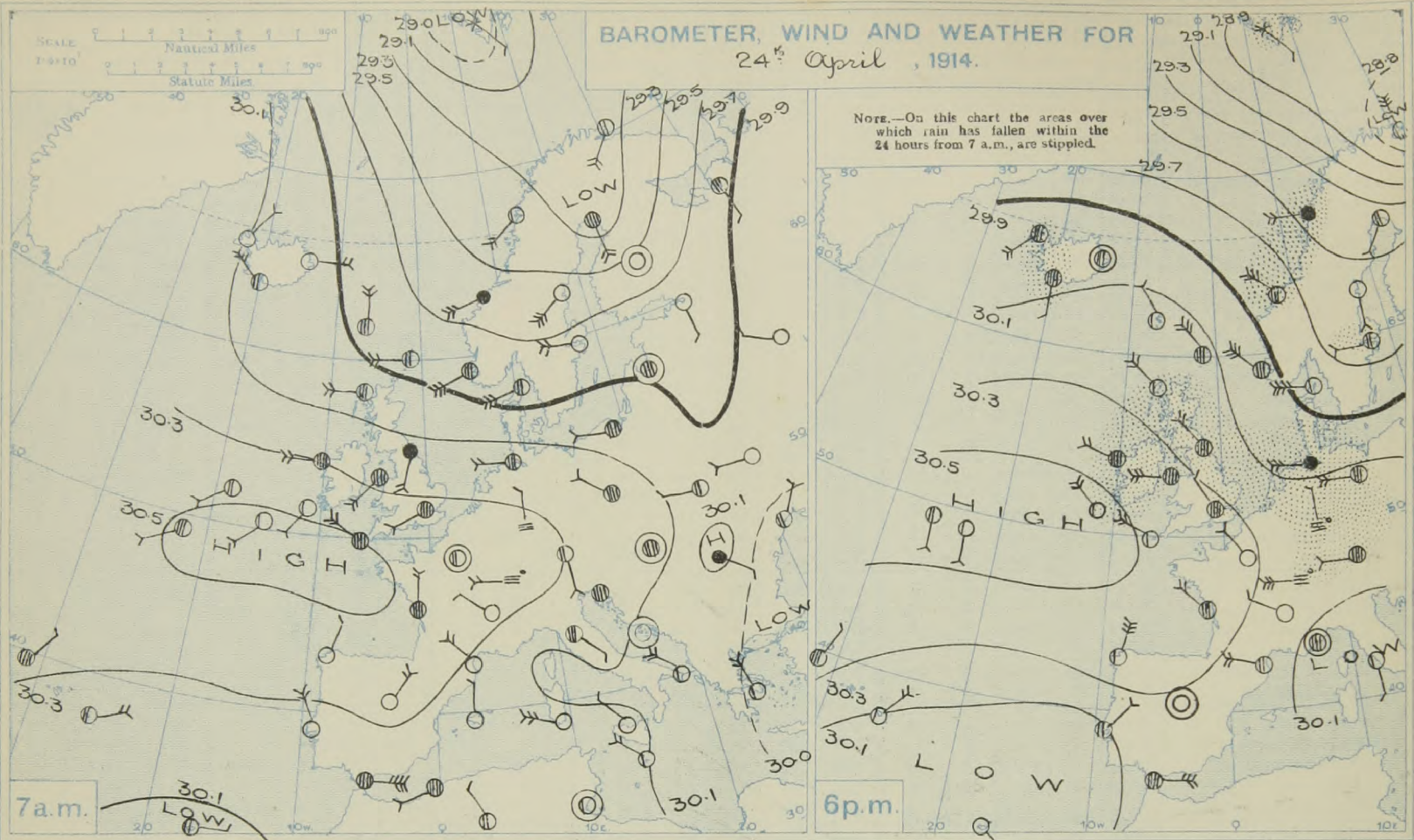
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Vester- day.
		Barom. M.S.L. Lat. 46°	Temp.	WIND		Weather	Barometer.		TEMP.		WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
				Dir.	Force 0-12.		M.S.L. Lat. 46°	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon	Night.				
BRITISH ISLANDS.	Lerwick ...	30.11	41	NW	5	cq	30.38	+0.3	40	-3	-	0	b	0	-	47	34	bcpq	bc.cpq	c.o.b.	1.6			
	Stornoway ...	30.22	42	NW	4	b	30.44	+0.4	45	+1	NW	2	0	2	0.01	50	39	cpq	bc.b.	b.o.	1.6			
	Castlebay (Barra Isd.)	30.23	48	NW	2	0	30.46	+0.4	47	+2	-	0	0	1	0.01	50	45	opd.o	adp.c.o	bc.o.	0.5			
	Glasgow ...	30.19	51	W	4	c	30.46	+0.8	45	0	ENE	1	bc	1	trace	53	42	adp.c.o	op.c	bc.b.bc.	3.1			
	Eskdalemuir ...	30.19	49	WNW	4	cq	30.46	+0.8	44	-3	-	0	0	1	0.04	54	40	ogq.o	opq	o.c.o	0.7			
	Malin Head...	30.25	48	NW	5	0	30.48	+0.6	48	0	NW	4	0	4	0.08	50	46	omdq	opm	om	1.6			
	Blacksod Point	30.38	51	WNW	3	opd	30.54	+0.5	49	-1	WNW	2	om	2	0.01	53	46	opd	opd	om	1.6			
	Valencia ...	30.51	51	WNW	4	om	30.56	+0.2	51	0	N	2	om	4	trace	54	50	c.o	om	om	4.3			
	Roche's Point	30.45	55	NNW	5	c	30.55	+	49	-2	N	2	0	2	0.01	61	49	c.c.be	bc.c	oc.opm	1.6			
	Birr Castle ...	30.39	51	W	2	0	30.53	+	48	-3	NW	1	c	1	trace	54	47	c	om	c	2.6			
	Donaghadee ...	30.27	52	NW	4	cq	30.48	+0.7	48	-3	N	2	c	2	0.02	55	48	opq	opq	op.c.	1.6			
	Liverpool Obsy...	30.27	49	W	5	0	30.43	+0.5	48	-2	NW	3	0	2	0.04	53	47	adq	c	o	0.0			
	Holyhead ...	30.31	52	W	5	cgmq	30.45	+0.6	49	-1	NNW	6	ogq	5	-	54	48	o.om	o.c.om	c.boc.	0.0			
	Pembroke (St. Ann's Hd.)	30.38	51	W	3	c	30.48	+0.4	50	0	NNW	3	c	3	-	53	46	cm	bm	cm	6.2			
	Newquay ...	30.41	53	W	3	b	30.45	+0.1	51	0	N	5	c	4	-	56	50	o	bc.b	bc.c	4.8			
	Scilly (St. Mary's)	30.47	54	WNW	4	bm	30.49	+0.3	51	0	N	4	c	4	-	57	49	om	bm	bmcm	4.7			
	Jersey (St. Aubin)	30.42	52	W	4	0	30.39	+	53	+3	NNW	3	b	3	-	55	49	c.o	o	o.bw	3.7			
	Portland Bill ...	30.32	54	W	1	b	30.38	+0.3	50	0	N	3	c	2	-	56	47	bc.c.o	bc	bc.b.	1.6			
	Dungeness ...	30.27	53	WSW	5	c	30.32	+0.4	51	+6	N	3	op	3	trace	56	43	o.b.cq	cq	cp.op	1.6			
	Dover ...	30.24	54	SW	2	0	30.33	+	48	-2	NNE	4	c	6	0.27	56	47	ogq.bc	bc.c.o	op.p.r.	4.2			
Wick ...	30.17	45	NW	3	c	30.44	+0.5	40	-3	SW	1	bm	2	0.03	50	34	cpq	cp.c.	bcp.bm	1.8				
Nairn ...	30.18	49	WNW	2	bc	30.46	+	43	-1	W	1	cm	2	0.03	50	33	p.c	c.be	bc	1.8				
Aberdeen ...	30.18	50	NNW	3	b	30.47	+0.8	43	-4	NW	2	b	2	0.03	53	35	cp	cp.bc	b	1.8				
Leith ...	30.16	55	W	3	c	30.45	+0.6	47	0	E	2	bc	1	0.07	56	44	o.c.o	og.c.	r	1.1				
North Shields	30.15	52	NW	3	0	30.45	+0.4	45	-2	N	2	c	2	0.08	60	44	c.ot	o.og	r.or	1.1				
Spurn Head ...	30.17	51	W	5	r	30.39	+1.0	48	+2	NNE	4	c	4	0.10	56	45	c	op	or	0.3				
Yarmouth ...	30.18	55	W	4	0	30.38	+0.6	48	+3	N	4	b	3	0.14	62	41	cm	cm.o	or.b.	1.8				
Clacton-on-Sea	30.23	57	W	3	og	30.35	+0.8	48	+3	N	2	c	2	0.02	59	44	c.bc.og	og	ogp.d.og	1.5				
Nottingham...	30.25	53	WNW	3	0	30.42	+	48	+1	NE	2	c	1	0.01	55	47	opm	opm	op.c.	0.0				
Bath ...	30.32	57	W	3	0	30.42	+	52	+3	N	3	0	1	-	60	49	og	q.o.c	c.b.o	3.3				
London (Kew Obsy.)...	30.26	60	NW	1	0	30.37	+0.6	52	+6	N	3	0	1	0.01	62	46	omac	o	op.o	2.3				
ICELAND, FAEROE, &c.	Spitzbergen ...	28.95	25	SE	1	S	29.04	+0.4	22	-6	ENE	7	0	1	32	21								
	Isafjord...	29.96	41	SW	4	c	29.65	-1.6	38	+12	SW	31	0	1										
	Reykjavik ...	30.07	42	-	0	0	29.80	-1.5	42	+9	S	4	0	1										
	Vestmanna ...	30.08	40	S	1	0	29.88	-1.3	44	+9	SSW	5	0	1										
	Seydisfjord ...	30.03	44	-	0	0	29.88	-0.6	39	+14	-	0	0	1										
	Thorshavn ...	30.14	50	NW	2	b	30.24	+0.1	44	+5	W	2	0	1										
NORTHERN EUROPE.	Vardö ...	28.76	36	N	6	0	29.24	+0.5	35	-6	NW	10	b	4	?	41	32							
	Bodö ...	29.45	36	W	4	r	29.84	+1.2	32	-8	NW	6	c	3	?	41	30							
	Christiansund ...	29.82	39	NW	5	c	30.16	+0.7	37	-5	N	1	c	4	0.24	43	34							
	Skudesnaes ..	29.95	42	NW	6	c	30.27	+0.6	40	-3	N	6	c	4	-	46	36							
	Færder (X'ianla Fjord)	29.72	46	W	3	b	30.08	+1.2	42	0	NNW	4	b	2	-	48	41							
	The Scaw (Skagen)...	29.81	44	WNW	7	b	30.06	+1.2	46	0	NNE	6	b	2	-	50	43							
	Blaavands Huk ...	30.01	45	WNW	4	bc	30.18	+0.8	43	-3	NNW	6	c	4	trace	50	41							
	Haparanda ...	29.38	36	SW	2	bc	29.56	+0.9	40	+2	N	2	bc	1	-	45	30							
	Hernösand ...	29.55	46	S	2	b	29.78	+1.0	43	-2	NW	6	b	1	-	54	34							
	Stockholm ...	29.65	41	W	2	bc	29.83	+0.8	42	-4	NNW	4	b	1	0.20	50	36							
CENTRAL EUROPE.	Wisby ...	29.75	45	WSW	4	bc	29.84	+0.5	43	-2	WNW	2	b	1	-	52	39							
	Karlstad ...	29.65	46	SW	2	c	30.00	+0.8	42	-2	NNW	6	b	1	trace	55	34							
	St. Petersburg ...	29.71	42	W	2	c	29.70	?	39	-11	SW	1	r	1	0.04	55	28							
	Berlin ...	30.11	54	W	4	c	30.09	+0.8	47	-1	NW	4	bc	1	0.08	61	43							
	Frankfurt ...	30.22	57	N	1	m	30.20	+0.3	53	0	NW	3	c	1	trace	61	50							
	Munich ...	30.17	55	W	2	0	30.17	-0.1	51	+1	W	4	0	1	trace	63	46							
	Vienna ...	30.10	58	WNW	2	c	30.10	?	52	-5	WNW	2	0	1	-	66	50							
	Cuxhaven ...	30.06	49	W	5	r	30.19	+0.7	46	-1	NNW	6	0	4	0.08	52	45							
	The Helder ...	30.14	50	W	4	0	30.33	+0.7	48	-1	N	4	bc	4	trace	52	46							
	Brussels ...	30.24	51	WNW	3	0	30.28	+0.5	48	+4	NW	3	0	1	0.16	58	43							
FRANCE.	C. Gris Nez...	30.25	50	WSW	6	0	30.28	+0.3	50	+2	N	4	0	4	0.28	54	48							
	La Hève ...	30.35	51	W	4	0	30.32	+	51	+3	N	4	c	3	-	57	45							
	Ushant...	30.49	52	NNW	3	b	30.49	+	52	0	NE	4	c	3	-	59	48							
	Brest (St. Mathieu) ...	30.49	53	NW	4	0	30.45	+0.5	52	+2	N	3	0	2	-	59	50							
	Rochefort (Ile d' Aix)	30.38	58	NW	3	c	30.35	+0.1	50	-2	N	3	0	1	-	59	50							
	Biarritz ...	30.40	58	NNW	3	c	30.32	+0.1	57	+2	NNW	3	c	2	-	64	54							
	Paris ...	30.32	59	NNW	3	b	30.28	+0.3	52	+3	N	2	0	1	trace	66	49							
	Belfort ...	30.28	58	W	6	m	30.25	+	45	-5	W	2	r	1	-	68	45							
	Lyons ...	30.28	60	NW	1	b	30.26	+	50	-4	NNW	1	0	1	-	64	46							
	Nice ...	30.07	63	-	0	c	29.99	-0.1	6															

GALES.  
Duration and Extreme Force  
in British Islands.

\* Information for these columns not usually received.

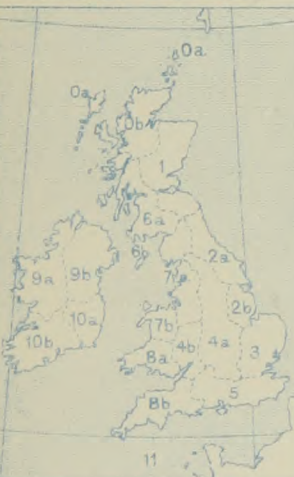
† Received too late for insertion in Charts.





FORECASTS FOR THE 24 HOURS NOON 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 Coe.	South Coe.
North Coe.	North Coe.

No Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Northerly to North-Westerly breezes, mostly

light to moderate; cloudy to fine, some slight

local passing showers; moderate temperature.

Light to moderate Northerly breezes northern part, freshening Easterly breezes southern part; cloudy to fine; sea slight or moderate; moderate temperature.

Millibars

1050

1040

1030

1020

1010

1000

990

980

970

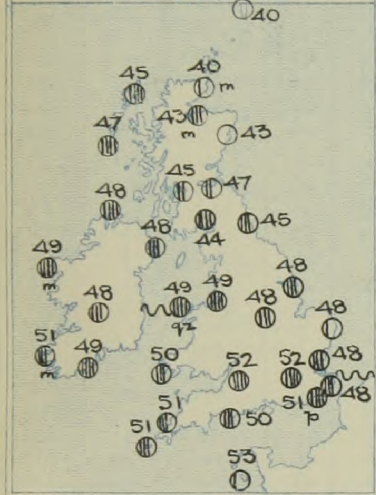


# SYNOPTIC CHART FOR 7 a.m., Saturday, 25<sup>th</sup> APRIL, 1914.

## GENERAL INFERENCE.

An anticyclonic type of weather is expected to prevail through the coming twenty-four hours, but a depression in the Iceland region will cause the Northerly wind to have a Westerly tendency.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



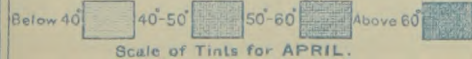
ches.  
31

30

29

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.

**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 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.	
24th, 6 p.m.	49	25	Oceanic	0	30.55	-0.02	S	1-3	bc.						In.	In.		(0-12).	
"	49	22	Sumner	0	30.58	+0.01	S	1-3	b.						In.	In.		(0-12).	
"	51	10	Odette	0	?	?	NW	4-5	b.						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.		In.	F.	F.			Hr.	
Oban ... ..	0.19	52	42	drop	bc	0.9	Margate ... ..	-	59	47	bc.c	c	2.1	
St. Andrews ... ..	-	57	41	*	*	2.0	Ramsgate ... ..	-	59	40	o	o	2.1	
Eng. N.E.	Harrogate ... ..	0.02	54	43	o bc.c.	c bc.c.	0.5	Folkestone ... ..	-	61	45	bc	bc	4.5
	Scarborough ... ..	-	56	44	or	of	0.0	Hythe ... ..	-	60	40	bc	o	4.5
	Skegness ... ..	0.02	58	40	cg bc	cg	0.7	Littlestone ... ..	-	*	*	*	*	7.1
	Douglas (I.O.M.) ... ..	0.09	52	46	opq	opq	0.0	Hastings ... ..	-	57	44	b bc	bc.c	6.5
Eng. N.W.	Morecambe ... ..	0.12	51	47	d.f	d.f	1.2	Bexhill-on-Sea ... ..	-	56	41	bc	o	5.7
	Blackpool ... ..	0.07	51	48	o	or	0.0	Eastbourne ... ..	-	54	45	b	b bc	7.6
	Southport ... ..	0.04	52	48	od.r	mr.	0.0	Seaford ... ..	-	54	43	o b	b	6.9
Mid- lands.	Buxton ... ..	0.15	53	42	cr	cr	0.0	Brighton ... ..	-	55	44	bc	bc.c	5.6
	Leamington Spa ... ..	-	56	42	o.c.b.o.	o	0.7	Worthing ... ..	-	58	42	b bc	bc	6.7
	Malvern ... ..	-	57	44	o	o	0.0	Littlehampton ... ..	-	*	*	*	*	8.9
								Southsea ... ..	-	60	43	o.c.b.	bc	7.1
Wales.	Rhyl ... ..	0.02	54	49	o	or	0.0	Ryde ... ..	-	59	52	bc	bc	6.5
	Colwyn Bay ... ..	0.03	54	48	o	o	0.0	Ventnor ... ..	-	59	44	*	*	9.0
	Llandudno ... ..	0.03	53	47	o	o	0.0	Bournemouth ... ..	-	65	40	c bc	b	6.0
	Aberystwyth ... ..	-	53	49	o.c	or.o	1.5	Bognor ... ..	-	*	*	bc	b	7.8
	Tenby ... ..	-	61	43	b	bc.o	7.0	Weymouth ... ..	-	63	43	c bc	b	6.6
England, E.	Lowestoft ... ..	0.01	56	40	or.c.o.	o.c.o.	1.9	Exmouth ... ..	-	60	44	b	b	6.4
	Felixstowe ... ..	-	58	40	bc	o	2.1	Teignmouth ... ..	-	65	42	o.c bc	b	5.0
	Walton-on-Naze ... ..	-	57	41	c.o.	c.ogm	2.0	Torquay ... ..	-	64	43	o	c bc.b.	3.5
	Southend-on-Sea ... ..	-	63	41	b bc.c.	c bc.o	3.4	Paignton ... ..	-	66	43	c bc	b	3.1
								Falmouth ... ..	-	59	47	o.c	c.b.	4.1
								Bude ... ..	-	57	49	o.c	b bc	3.7
							Ilfracombe ... ..	-	58	49	o.c.b	b	7.0	
							Weston-super-Mare ... ..	-	57	46	o.c.b	b bc.c.	5.8	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsv.) ...	70	66	Hr. 2.6	F. 62	F. 50	F. 45	In. 0.01	c.o	c.o	o.p.o
City (Bunhill Row) ...	70	66	2.5	*	50	*	*	*	*	*
Westminster (St. James's Pk.)	78	78	3.4	63	52	48	0.01	bc.c.	c	cr.b
Camden Sq. (Brit. Rainfall)	64	62	2.9	65	51	46	0.02	c	c.be	*
Hampstead (Reservoir) ...	*	66	2.5	61	48	36	0.02	c	c.bc.	bc.p.b
Richmond Park ...	*	*	3.7							
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.)				1021 Joules		19.8 Milliwatts.		68.5 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	59	47	45	bq.c.	c.og	p.og	*
Plymouth to 9 p.m.	-	63	41	37	bc	o	c.b.	6.1
Darwen "	0.40	49	44	43	c.or.	or	or	0.0
Manchester "	-	56	42	38	o	o	o.or	0.0
Birmingham "	-	56	42	38	o	o	o.or	0.0
Oxford to 8 p.m.	*	65	42	36	bc.bbc	c.og	og.c	*
S. Kensington (Museum Grounds to 6 p.m.)	-	63	43	39	bc.b.	c.o	o.c.o	*

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

25th & 26th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.37 4.35	G.M.T. 11.51 11.51	G.M.T. 7.4 7.4
Greenwich ...	4.47 4.45	11.58 11.58	7.9 7.11
Wick ...	4.38 4.35	12.10 12.10	7.42 7.45
Valencia ...	5.27 5.25	12.39 12.39	7.52 7.54

## NOTES ON YESTERDAY'S WEATHER.

Temperature reached 60° and upwards in various parts of southern England, 66° at Paignton. Slight showers fell in many places. The duration of bright sunshine was very variable, a number of stations reporting none, while Littlehampton and Ventnor had 9 hours, and Folkestone 9½ hours. As far west as the 22nd meridian ships experienced light Southerly and South-Westerly breezes, and fine 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



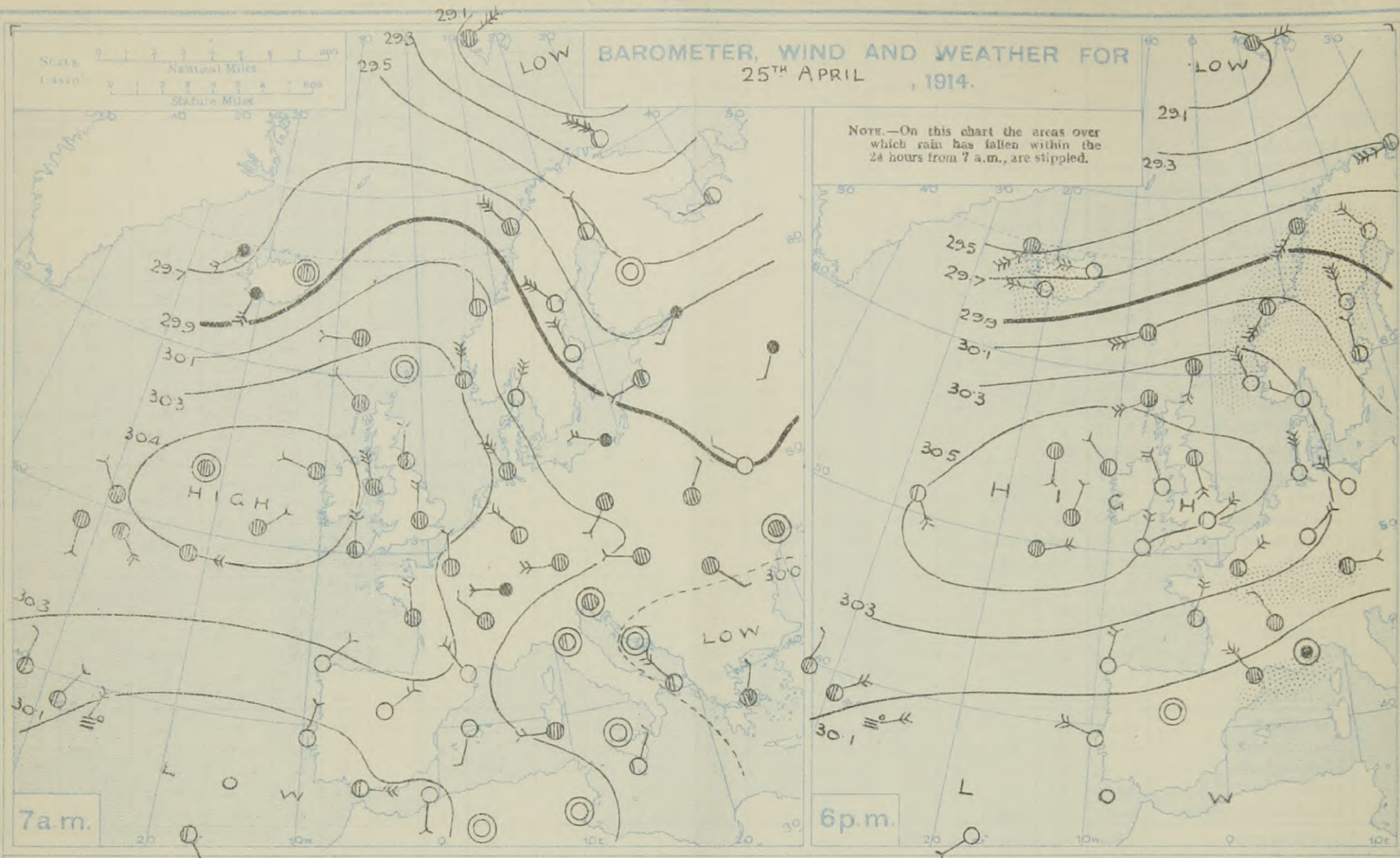
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
26th April 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 46°	Temp. F.	WIND		Weather.	Barometer. M.S.L. Lat. 46°	Change in 24 hours.	Temp. F.	Change in 24 hours.	WIND		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	30.33	48	SSW	4	o	30.22	-0.03	49	+9	SSW	5	o	5	-	0	39	b.b.c	o.c.g.	o.m.g.c.g.	1.6	
	Stornoway ...	30.48	49	WSW	5	o	30.43	+0.01	50	+5	W	4	o.g.	3	-	53	45	o.c	e.b.c.o	o.g.	5.2	
	Castlebay (Barra Isd.)	30.55	48	WSW	4	o	30.54	-0.00	50	+3	WSW	4	o	4	-	52	47	o.b.c	b.c.o	o.m	3.5	
	Glasgow ...	30.51	53	W	2	c	30.56	-0.00	47	+2	WSW	2	o	4	-	56	43	o.g.o.c	c	e.b.c.b	4.9	
	Eskdalemuir ...	30.51	52	WSW	3	b.c	30.57	+0.01	42	-2	-	0	c	4	-	57	32	o.c.o	c	b.c.b.c	4.9	
	Malin Head ...	30.56	50	NW	2	b	30.54	+0.01	48	0	NW	1	m	1	-	51	47	o.g.	b.m	o.m	4.9	
	Blacksod Point ...	30.59	51	NW	2	c	30.60	-0.00	50	+1	-	0	o.m	1	-	53	47	o.m.b.c	b.c.c	o.m	4.9	
	Valencia ...	30.56	53	NW	4	b	30.60	+0.01	46	+5	-	0	b.g.w	3	-	57	42	c	b.c	b.c	7.9	
	Roche's Point ...	30.56	54	S	2	b	30.62	-	49	-4	N	2	b	2	-	60	42	b.c	b.c.b	b.g	9.2	
	Birr Castle ...	30.54	58	NNW	1	b	30.60	-	39	-9	N	1	f	2	-	60	36	b.c	b	b.f	9.2	
	Donaghadee ...	30.57	50	NE	3	b	30.60	+0.01	45	-3	W	2	o.m	2	-	54	40	b.c	b	c	9.2	
	Liverpool Obsy. ...	30.54	49	W	1	b.c	30.59	-0.00	46	-3	WSW	1	b	1	-	53	44	b.c	c.o	b.c.b	2.2	
	Holyhead ...	30.56	52	NNW	3	b	30.61	-0.00	47	-2	N	2	b	1	-	55	47	o.c.f.b.c	b	b.c	9.0	
	Pembroke (St. Ann's Hd.)	30.53	51	NNE	3	b	30.59	+0.01	48	-2	NE	1	b.m	1	-	56	45	c.b	b	b.b.c	8.7	
Newquay ...	30.47	52	N	4	b	30.55	+0.01	51	0	E	1	b	3	-	53	41	e.b.c.b	b	b	8.7		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.09	16	ESE	5	o	29.07	-0.00	14	-8	SE	1	o	4	-	19	10					
	Isafjord ...	29.48	41	SW	3	o	29.71	+0.01	35	-3	W	7	c	4	-	4	4					
	Reykjavik ...	29.77	44	SW	3	r	29.87	+0.01	39	-3	WSW	4	r	4	-	4	4					
	Vestmanna ...	29.85	45	W	5	b	29.93	+0.01	39	-5	W	4	b.c	3	-	4	4					
	Seydisfjord ...	29.65	54	W	6	b	29.76	-0.04	40	+1	W	4	b	4	-	4	4					
	Thorshavn ...	30.12	47	WSW	6	o	30.07	-0.00	46	+2	W	6	r	4	-	4	4					
	Vardö ...	29.50	26	W	3	b.c	29.16	-0.08	32	-3	WSW	6	o	4	-	36	27					
	Bodö ...	29.78	36	SW	7	o	29.44	-0.08	40	+8	WSW	7	o	4	-	36	30					
	Christiansund ...	30.11	39	SW	6	c	29.83	+0.03	45	+8	WSW	7	o	6	-	39	37					
	Skudesnaes ...	30.41	40	NNW	6	b	30.24	-0.05	46	+6	W	4	o	4	-	45	37					
	Færder (X'ianta Fjord)	30.23	46	SW	4	c	30.06	-0.07	44	+2	SW	6	o	3	-	48	41					
	The Scaw (Skagen) ...	30.29	44	WNW	4	c	30.18	-0.03	46	0	W	7	c	2	-	52	39					
	Blaavands Huk ...	30.42	42	NNW	3	c	30.45	-0.00	44	+1	WNW	4	o	3	-	46	41					
	NORTHERN EUROPE.	Haparanda ...	29.84	35	NW	4	b	29.32	-0.21	31	-9	SW	6		4	-	41	28				
Hernösand ...		30.04	40	NNW	6	b	29.59	-	38	-5	SW	2	b	4	-	50	32					
Stockholm ...		30.08	43	N	2	b.c	29.95	-0.11	43	+1	WSW	4	o	4	-	43	32					
Wisby ...		30.12	42	NE	2	b	30.14	-0.06	44	+1	WSW	4	b	4	-	46	36					
Karlstad ...		30.19	42	NNE	2	b	29.99	-0.08	44	+2	W	3	o	4	-	50	34					
St. Petersburg ...		29.84	36	NW	1	b	29.94	+0.04	36	-3	WNW	1	c	4	-	37	30					
Berlin ...		30.24	52	NW	4	b	30.44	+0.03	44	-3	W	3	b	4	-	55	37					
Frankfurt ...		30.32	54	NE	3	b	30.51	+0.02	41	-12	NE	3	b	4	-	66	37					
Munich ...		30.25	45	E	2	c	30.45	+0.02	37	-14	NE	4	b	4	-	52	32					
Vienna ...		30.20	49	MW	3	o	30.38	+0.04	44	-8	NW	3	b	4	-	61	41					
Cuxhaven ...		30.41	45	N	6	b	30.49	+0.01	44	-2	NNW	3	o	4	-	43	43					
The Helder ...		30.50	46	N	4	c	30.53	+0.01	46	-2	NW	1	c	1	-	50	45					
Brussels ...		30.48	45	NNE	3	b	30.56	+0.02	43	-5	ENE	3	b	4	-	57	34					
CENTRAL EUROPE.		C. Gris Nez ...	30.46	47	NE	5	b.c	30.56	+0.03	45	-5	E	3	c	2	-	54	41				
	La Hève ...	30.43	48	NE	4	b	30.50	-	43	-8	NE	3	b	2	-	57	37					
	Ushant ...	30.49	54	NE	3	b	30.50	-	48	-4	E	3	b	3	-	59	45					
	Brest (St. Mathieu) ...	30.45	52	NE	4	b	30.51	+0.02	45	-7	NE	3	b	2	-	61	43					
	Rochefort (Ile d' Aix)	30.24	61	NNE	4	b.c	30.32	+0.01	46	-4	NE	6	b	4	-	66	45					
	Biarritz ...	30.21	58	NNW	4	c	30.19	+0.01	51	-6	NE	3	b	3	-	61	48					
	Paris ...	30.35	55	NNE	4	b	30.47	+0.01	44	-8	NNE	3	b	4	-	60	38					
	Belfort ...	30.23	47	E	2	m	30.30	-	46	+1	EHE	7	m	4	-	58	36					
	Lyons ...	30.17	51	NNW	1	o	30.22	-	45	-5	N	2	b	4	-	59	42					
	Nice ...	29.97	51	-	0	r	30.10	+0.07	48	-16	E	3	r	3	-	72	48					
	Perpignan ...	30.04	67	NW	5	o	30.07	+0.04	55	-7	W	3	o	4	-	72	52					
	Sanguinaire ...																					
	SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.19	64	NNE	3	b	30.11	-0.00	57	+1	E	1	b	3	-	70	50				
		Madrid ...	29.98	73	-	0	b	30.11	+0.01	53	-3	NE	2	b	4	-	73	46				
Lisbon (9 a.m.) ...		29.97	68	WNW	4	b	29.97	+0.03	61	-2	N	4	c	2	-	79	59					
Gibraltar ...																						
Rome ...		29.98	61	SW	1	b	30.03	-0.04	58	+1	N	1	b.c	4	-	73	48					
Azores (Horta, 8 a.m.)	30.11	61	NE	4	c	30.03	+0.01	58	+1	NE	3	o	3	-	63	57						
Madeira (Funchal) ...	30.06	61	SW	2	b	30.03	+0.01	63	+1	SW	2	b	2	-	66	57						

\* Information for these columns not usually received.





PILOT BALLOON ASCENTS for the PAST WEEK.  
Component Velocities to East and to North in Metres per Second.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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

No Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

		Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.	Compt. To E.	Compt. To N.
Station.		S. Farnborough		Aberdeen		Eskdalemuir.		Eskdalemuir.		S. Farnborough		Eskdalemuir		S. Farnborough	
Date and Hour.		20th 7h.	20th 8h.	20th 10h.	21st 10h.	22nd 7h.	22nd Noon.	24th 7h.		20th 7h.	20th 8h.	20th 10h.	21st 10h.	22nd 7h.	22nd Noon.
Heights in Kilometres	70	-9	-4												
	60	-7	-2												
	50	-6	-5												
	40	-7	-2												
	30	-4	-1	+6	+3	-8	+6	+4	+7					+13	-12
	20	-4	+1	+7	0	-1	+3	+3	+5	-1	+3			+13	-15
Heights in Kilometres	10	-4	-1	+4	+3	-5	+3	+2	+3	-1	+3	+9	+11	+8	-4
	0.5	-5	-3	0	+2	-4	+3	+2	+4	+4	0	+4	+5	+10	-2
	Ground	0	-1	0	0	-4	+4	+2	+4	+1	0	+3	+8	+5	+2
Station															
Date and Hour.															
Heights in Kilometres															

Millibares  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970

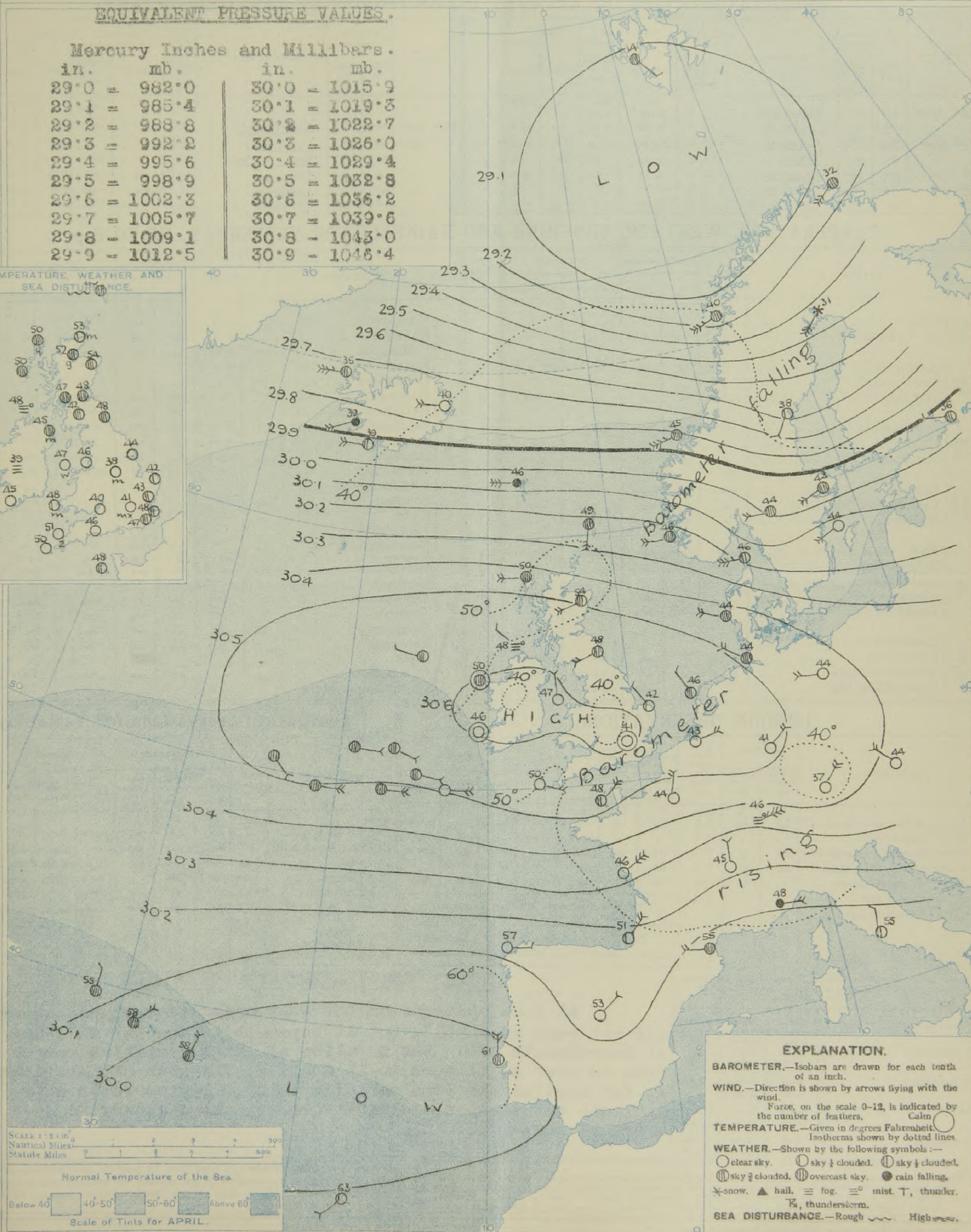
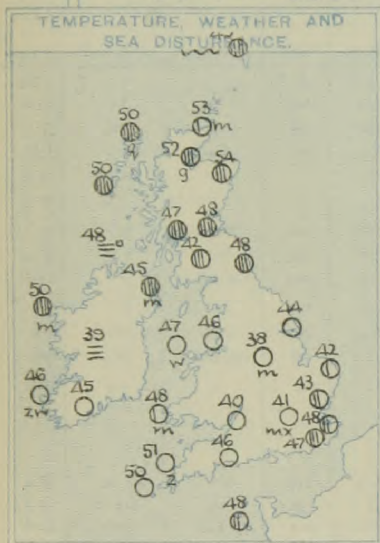


# SYNOPTIC CHART FOR 7 a.m., Sunday, 26<sup>th</sup> APRIL, 1914.

## EQUIVALENT PRESSURE VALUES.

Mercury Inches and Millibars.

in.	mb.	in.	mb.
29.0	= 982.0	30.0	= 1015.9
29.1	= 985.4	30.1	= 1019.3
29.2	= 988.8	30.2	= 1022.7
29.3	= 992.2	30.3	= 1026.0
29.4	= 995.6	30.4	= 1029.4
29.5	= 998.9	30.5	= 1032.8
29.6	= 1002.3	30.6	= 1036.2
29.7	= 1005.7	30.7	= 1039.6
29.8	= 1009.1	30.8	= 1043.0
29.9	= 1012.5	30.9	= 1046.4



## EXPLANATION.

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

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

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

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

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

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

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

snow. hail. mist. thunder.

**SEA DISTURBANCE.**—Rough High

SCALE 1" = 100 Nautical Miles  
Statute Miles

Normal Temperature of the Sea

Below 40° 40°-50° 50°-60° Above 60°  
Scale of Tints for APRIL.



## DAILY WEATHER REPORT.

Sunday, 26th April

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 7am	55	11	Columbia	H	In.	In.	(0-12).								In.	In.	(0-12).		
" "	49	11	Finland	H	30.60	+0.3	W	1-3	0	25th 10pm	49	15	Corinthian	H	30.55	-0.0	E	4-5	C
25th 6pm	50	28	Canada	H	30.55	+0.2	E	4-5	0	" 7am	48	30	Cymric	O	30.45	-0.1	S	1-3	0
" "	50	20	Bathia	O	30.47	+0.1	SE	4-5	bc	" "	50	29	Royal George	O	30.40	-0.3	SW	1-3	0
" "	49	20	Ascarica	H	30.52	+0.3	E	4-5	0	" "	48	28	Oceanic	O	30.44	-0.2	SSE	1-3	0
" "	54	16	Columbia	H	30.57	-0.1	S	1-3	0	" "	48	28	Lucania	H	30.39	+0.4	ESE	4-5	C
" "	49	16	Finland	H	30.55	-0.3	EME	4-5	0	" "	48	20	Finland	H	30.51	-0.2	E	4-5	0
" "	51	13	Ausonia	O	30.57	-0.2	NNE	1-3	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land. { Oban ... ..	In.	F.	F.			Hr.	{ Margate ... ..	In.	F.	F.			Hr.
{ St. Andrews ... ..							{ Ramsgate ... ..	0.17	54	48	b	b	9.0
Eng. N.E. { Harrogate ... ..	-	55	43	bc, bc	bc, bc	7.1	{ Folkestone ... ..	0.24	53	46	bc	bc	9.3
{ Scarborough ... ..	-						{ Hythe ... ..	0.18	54	42	n.o.b	b	8.8
{ Skegness ... ..	0.06	51	47	b	bc	11.9	{ Littlestone ... ..	0.14	56	?	b	b	9.0
Eng. N.W. { Morecambe ... ..	-	58	48	bc	bc, b	6.4	{ Hastings ... ..	-	57	49	bc, b	b	9.2
{ Blackpool ... ..	-	58	48	c	c	5.1	{ Bexhill-on-Sea ... ..	-	58	50	bc	b	9.4
{ Southport ... ..	-	56	47	c, bc	c, bc	5.0	{ Eastbourne ... ..	0.01	58	49	b, bc	b	8.5
Mid. lands. { Buxton ... ..	0.16	54	44	bc	bc	4.4	{ Seaford ... ..	0.06	60	49	b	b	9.1
{ Leamington Spa ... ..	-	58	48	c, bc	bc, b	7.7	{ Brighton ... ..	0.01	60	50	c	c, bc, b	8.6
{ Malvern ... ..	-	57	49	c, bc	bc	1.0	{ Worthing ... ..	-	59	48	c, bc	bc	7.6
Wales. { Rhyl ... ..	0.01	54	49	o, bc	bc, b	6.7	{ Littlehampton ... ..	-	*	*	*	*	7.0
{ Colwyn Bay ... ..	-						{ Southsea ... ..	-					
{ Llandudno ... ..	-						{ Ryde ... ..	-					
{ Aberystwyth ... ..	-	54	44	c, bc	bc, c	7.0	{ Ventnor ... ..	-					
{ Tenby ... ..	-	61	44	b	b	8.9	{ Bournemouth ... ..	-	63	48	c	bc, c	3.0
England, E. { Lowestoft ... ..	-						{ Bognor ... ..	*	*	*	bc	bc, b	7.3
{ Felixstowe ... ..	0.09	51	46	bc	bc, bc	9.0	{ Weymouth ... ..	-	62	47	bc	bc, bc	4.8
{ Walton-on-Naze ... ..	0.07	51	47	bc, bc	c, bc, bc	8.8	{ Exmouth ... ..	-					
{ Southend-on-Sea ... ..	-	56	49	b, bc, b	bc, b	9.2	{ Teignmouth ... ..	-	60	51	bc	bc	5.0
							{ Torquay ... ..	-	62	49	bc	bc, c	?
							{ Paignton ... ..	-	?	49	bc	bc	8.1
							{ Falmouth ... ..	-	59	49	b	bc	9.7
							{ Bude ... ..	-					
							{ Ilfracombe ... ..	-	58	49	bc	bc	8.1
							{ Weston-super-Mare ... ..	-					

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obsy.) ...	48	63	58	59	32	17	In.	bc	bc
City (Bunhill Row) ... ..	"	"	5.8	"	"	"	"	"	bc, bc
Westminster (St. James's Pk.)	56	71	5.7	58	39	33	"	b, bc	bc, bc
Camden Sq. (Brit. Rainfall)	51	58	7.0	63	34	28	"	bc, c	c, bc
Hampstead (Reservoir) ...	"	55	7.5	55	37	28	"	b	b
Richmond Park ... ..	"	"	5.6						bc
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.)				122.9 Joules		23.6 Milliwatts.			

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

26th, 27th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ... ..	G.M.T. 4.35	G.M.T. 11.51	G.M.T. 7.6
Greenwich ... ..	4.45	11.58	7.4
Wick ... ..	4.35	12.10	7.45
Valencia ... ..	5.25	12.39	7.54

## NOTES ON YESTERDAY'S WEATHER.

At some stations on the east coast of England temperature did not pass above 51°, but at Weymouth it touched 62°, and at Bournemouth 63°. The duration of bright sunshine ranged from an hour at Malvern to 12 hours at Skegness and Aberdeen. As far west as the 32nd meridian ships experienced an anti-cyclonic circulation of light breezes, and a cloudy to overcast sky.

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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

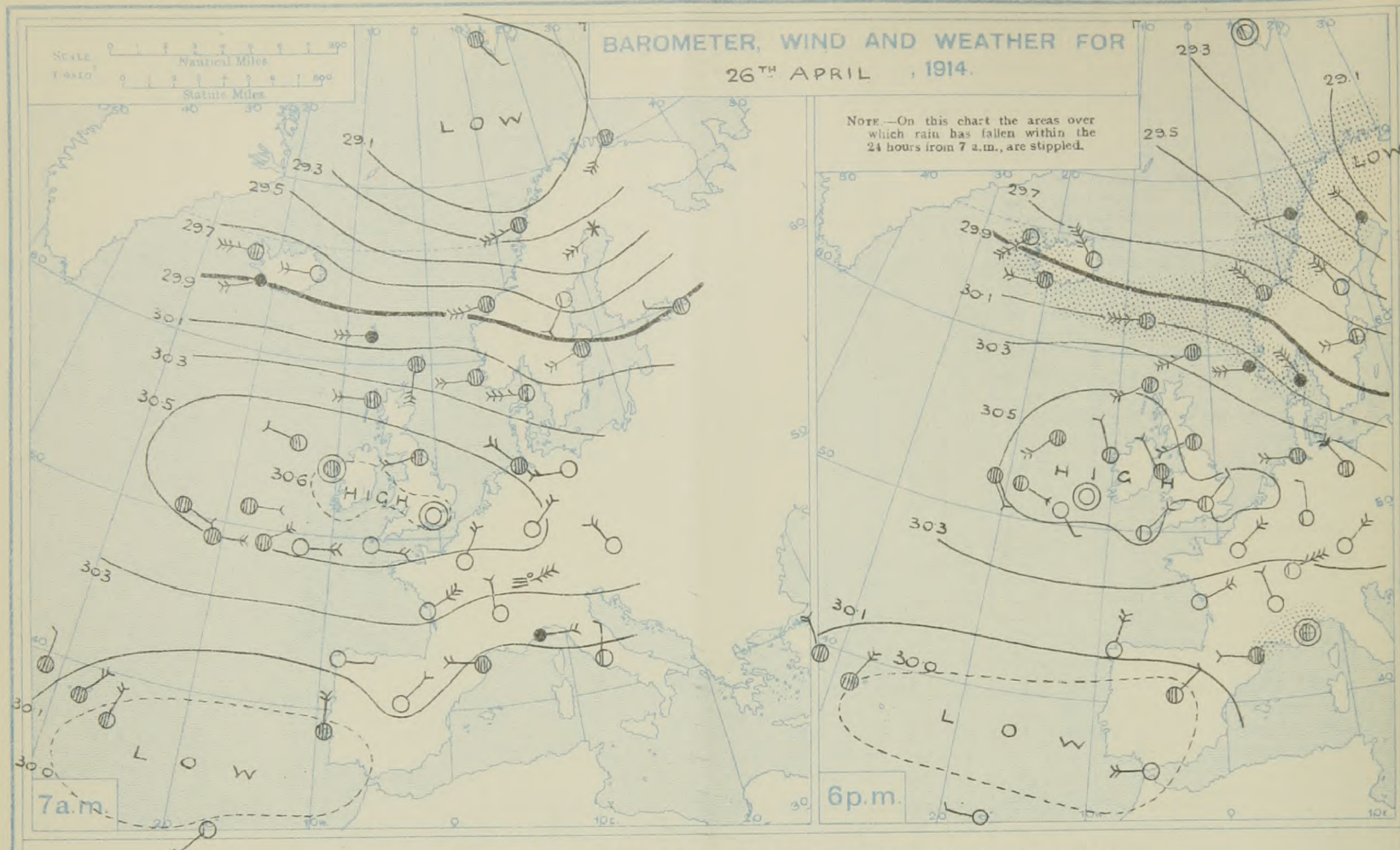


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
27th April, 1914.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. M.S.L. Lat. 45°.	Temp. F.	WIND.		Weather.	Barometer. M.S.L. Lat. 45°.	Change in 3 hours.	Temp. F.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.						
			Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick ...	30.21	49	WSW	7	0	30.32	+0.1	47	-2	WSW	4	cmg	3	Trace	50	45	cmg	odg	cm.cq	•		
	Stornoway ...	30.47	52	WSW	5	c	30.49	+0.2	49	-1	WSW	4	cg	4	—	55	47	odg	o.cq	o.cq	2.6		
	Castlebay (Barra Isd.)	30.55	50	WSW	3	o	30.52	•00	48	-2	WSW	4	o	4	—	51	46	o	o	o	0.0		
	Glasgow ...	30.51	52	W	4	bc	30.52	•00	45	-2	W	1	bz	•	Trace	57	42	odp.c	bcv.c	bc.b	4.3		
	Eskdalemuir ...	30.50	52	WNW	4	b	30.54	+0.01	40	-2	—	0	b	•	—	53	28	c	c.bbc	b	6.2		
	Malin Head...	30.58	50	NW	3	o	30.56	+0.01	49	+1	NW	2	o	2	—	52	47	cm	ov	o	•		
	Blacksod Point ...	30.59	55	NNW	2	bc	30.56	•00	49	-1	—	0	bz	1	Trace	58	42	o.cv	bcv	bcw	•		
	Valencia ...	30.54	57	NW	1	bz	30.53	•00	46	0	NE	1	bz	3	—	58	43	bz	bcg	bczw	12.5		
	Roche's Point ...	30.57	54	S	2	b	30.55	•	50	+5	M	2	bc	1	0.01	56	44	bz	bz	b.bbc	•		
	Birr Castle ...	30.54	60	M	1	bc	30.55	•	44	+5	MHE	2	b	•	—	64	38	c	bc	b.c	9.2		
	Donaghadee ...	30.53	51	N	2	cv	30.56	-0.02	49	+4	MW	2	c	1	—	54	45	c	cv	c.c.v.c	•		
	Liverpool Obsy. ...	30.54	49	WNW	2	o	30.53	•00	49	+3	WNW	1	o	2	—	54	46	b	bc	o	9.9		
	Holyhead ...	30.58	50	NNW	2	og	30.55	•	50	+3	M	3	cv	2	—	55	46	b.b.c	c.c.c.c	c.c.c.c	7.3		
	Pembroke (St. Ann's Hd.)	30.52	53	M	3	b	30.52	•00	49	+1	MHE	2	b	1	Trace	59	45	b	b	b	12.8		
	Newquay ...	30.49	53	M	2	b	30.47	•00	51	0	E	1	bz	3	—	56	42	b	b	b	12.3		
	Scilly (St. Mary's) ...	30.51	53	NE	2	b	30.47	+0.01	50	0	ESE	2	bmn	3	—	57	45	bcm	bmn	bmn	12.1		
	Jersey (St. Aubin) ...	30.46	53	E	4	b	30.44	•	51	+3	EME	3	b	3	—	56	45	b	b	bm	12.3		
	Portland Bill ...	30.49	49	—	0	b	30.47	-0.01	49	+3	EME	3	b	2	—	52	43	b	bc	b.b.c	•		
	Dungeness ...	30.51	49	NE	3	c	30.51	•00	48	-2	NE	3	b	3	—	53	39	c	c	bc.b	•		
	Dover ...	30.50	46	NNE	3	b	30.49	•	51	+3	NE	1	b	2	—	53	38	c.b.c.b	b.b.c.b	b	9.9		
ICELAND, FAEROE, &c.	Wick ...	30.36	52	WNW	5	c	30.44	+0.04	49	-4	WNW	2	cg	2	—	58	47	b.m.cmg	cmg	o.b.cq.c	•		
	Nairn ...	30.46	53	W	3	c	30.49	•	51	-1	W	2	bc	2	—	58	44	bcg	bcg	cg	6.0		
	Aberdeen ...	30.42	59	WNW	4	bc	30.47	+0.02	53	-1	SW	1	b	1	—	67	44	c.b.c.b	bc	bc.b	10.6		
	Leith ...	30.46	60	W	3	b	30.50	•	47	-1	W	2	b	•	—	62	44	o	c.b.c.b	b	•		
	North Shields ...	30.48	56	WSW	3	c	30.53	+0.02	46	+2	WSW	3	c	2	—	59	41	o	c	c.b.c	5.1		
	Spurn Head ...	30.45	53	SE	2	bc	30.43	+0.01	51	+7	M	1	o	2	—	59	43	bc	bc	bc	11.5		
	Yarmouth ...	30.51	50	SSE	3	b	30.51	•00	45	+3	W	1	cm	1	—	51	41	b	b	bc.c	11.9		
	Clacton-on-Sea ...	30.52	48	SE	2	bc	30.50	•00	46	+3	MMW	2	bz	0	—	51	40	bc.b	b.b.c	bc.bz	11.3		
	Nottingham ...	30.49	59	W	3	b	30.52	•	45	+7	SW	1	om	•	—	65	38	b.m.b.c	bc.bm	c	10.3		
	Bath ...	30.48	61	E	1	m	30.53	•	48	+8	ME	1	m	•	—	64	39	b	cg	z.b.c.b	9.9		
London (Kew Obsy.)...	30.49	60	NE	1	bc	30.52	+0.01	43	+2	—	0	bz	•	—	60	38	b.m.bz	bz.b.c	bc.bm	12.3			
NORTHERN EUROPE.	Spitzbergen ...	29.16	13	—	0	bc	29.35	+0.08	10	-4	ESE	1	b	•	•	14	7	•	•	•	•		
	Isafjord... ..	29.76	41	SW	9	bc	29.54	-0.07	33	-2	W	9	s	•	•	•	•	•	•	•	•		
	Reykjavik ...	30.04	43	WSW	5	c	29.80	-0.08	39	0	SW	4	c	•	•	•	•	•	•	•	•		
	Vestmanna ...	30.09	41	W	4	o	29.88	-0.08	39	0	SW	5	r	3	•	•	•	•	•	•	•		
	Seydisfjord ...	29.88	49	NW	9	bc	29.76	-0.08	42	+2	WSW	2	b	•	•	•	•	•	•	•	•		
	Thorshavn ...	30.10	49	W	8	c	30.18	-0.01	46	0	WNW	5	o	•	•	•	•	•	•	•	•		
CENTRAL EUROPE.	Vardö ...	37	3	b	29.27	+0.02	33	+1	W	4	bc	3	?	37	23	•	•	•	•	•	•		
	Bodö ...	37	2	r	29.69	+0.03	35	-5	WNW	4	c	2	0.16	41	32	•	•	•	•	•	•		
	Christiansund ...	29.85	42	MW	6	o	30.08	+0.05	43	-2	MW	5	c	6	0.51	45	39	•	•	•	•		
	Skudesnaes ..	30.21	46	W	6	r	30.27	+0.02	46	0	W	6	b	4	0.12	46	43	•	•	•	•		
	Færder (X'lantia Fjord)	29.93	51	W	2	b	30.09	+0.06	49	+5	WSW	2	b	3	—	52	43	•	•	•	•		
	The Scaw (Skagen)...	30.04	47	MW	7	r	30.12	+0.05	49	+3	WNW	6	b	2	—	50	45	•	•	•	•		
	Blaavands Huk ...	30.38	48	WNW	4	o	30.33	+0.01	48	+4	MW	5	o	3	—	50	43	•	•	•	•		
	Haparanda ...	29.12	36	MW	4	r	29.50	+0.08	33	+2	M	2	b	•	0.08	39	28	•	•	•	•		
FRANCE.	Hernösand ...	29.56	47	MW	6	b	29.71	+0.05	44	+6	WNW	9	b	•	Trace	54	37	•	•	•	•		
	Stockholm ...	29.69	50	W	4	bc	29.84	+0.06	46	+3	MW	6	b	•	—	52	41	•	•	•	•		
	Wisby ...	29.82	47	WSW	4	b	29.91	+0.07	45	+1	MMW	4	b	•	—	54	34	•	•	•	•		
	Karlstad ...	29.86	57	W	4	b	30.02	+0.06	49	+5	W	4	b	•	—	59	39	•	•	•	•		
	St. Petersburg ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Berlin ...	30.36	52	MW	4	c	30.32	+0.01	50	+6	W	5	c	•	—	55	44	•	•	•	•		
	Frankfurt ...	30.41	55	N	1	b	30.47	+0.01	47	+6	ME	1	b	•	—	59	41	•	•	•	•		
	Munich ...	30.38	48	NE	4	b	30.41	+0.01	44	+7	E	2	bc	•	—	54	32	•	•	•	•		
SOUTHERN EUROPE.	Vienna ...	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
	Cuxhaven ...	30.43	49	W	4	o	30.39	•00	50	+6	MW	3	o	0	—	50	44	•	•	•	•		
	The Helder ...	30.51	47	W	1	b	30.50	+0.01	50	+4	MW	2	bc	2	—	58	46	•	•	•	•		
	Brussels ...	30.49	48	ME	1	b	30.49	+0.01	47	+4	EME	1	b	•	—	56	38	•	•	•	•		
	C. Gris Nez... ..	30.49	46	ME	5	b	30.49	+0.01	47	+2	EME	3	b	1	+	52	39	•	•	•	•		
	La Hève ...	30.49	47	ME	3	b	30.43	•	47	+4	ME	3	b	2	—	55	41	•	•	•	•		
	Ushant... ..	30.42	51	EME	3	b	30.42	•	51	+3	EME	3	b	3	—	55	45	•	•	•	•		
	Brest (St. Mathieu) ...	30.33	52	MHE	4	b	30.42	+0.01	46	+1	EME	1	b	1	—	63	45	•	•	•	•		
	Rochefort (Ile d' Aix) ...	30.23	61	ME	4	b	30.27	+0.01	49	+3	EME	4	b	•	—	66	46	•	•	•	•		
	Biarritz ...	30.26	53	SW																			





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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

No

**Warnings Issued.**

Western Channel and Bay. 11

- 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 }

South-Westerly and Westerly breezes, fresh or strong at times locally; gusty, cloudy to fine, some mist; mild.

Light breezes, mainly Westerly; cloudy to fine; mild.

Calms and light variable breezes; cloudy to fine, local mist or haze; moderate day temperature, cool night, some ground frost.

Same as Nos. 1 and 2.

Same as Nos. 3 to 5.

Calms and light variable breezes, mainly Northerly; fine; moderate temperature.

Light Easterly breezes; smooth sea; fine, some mist; cool.

**FURTHER OUTLOOK.**

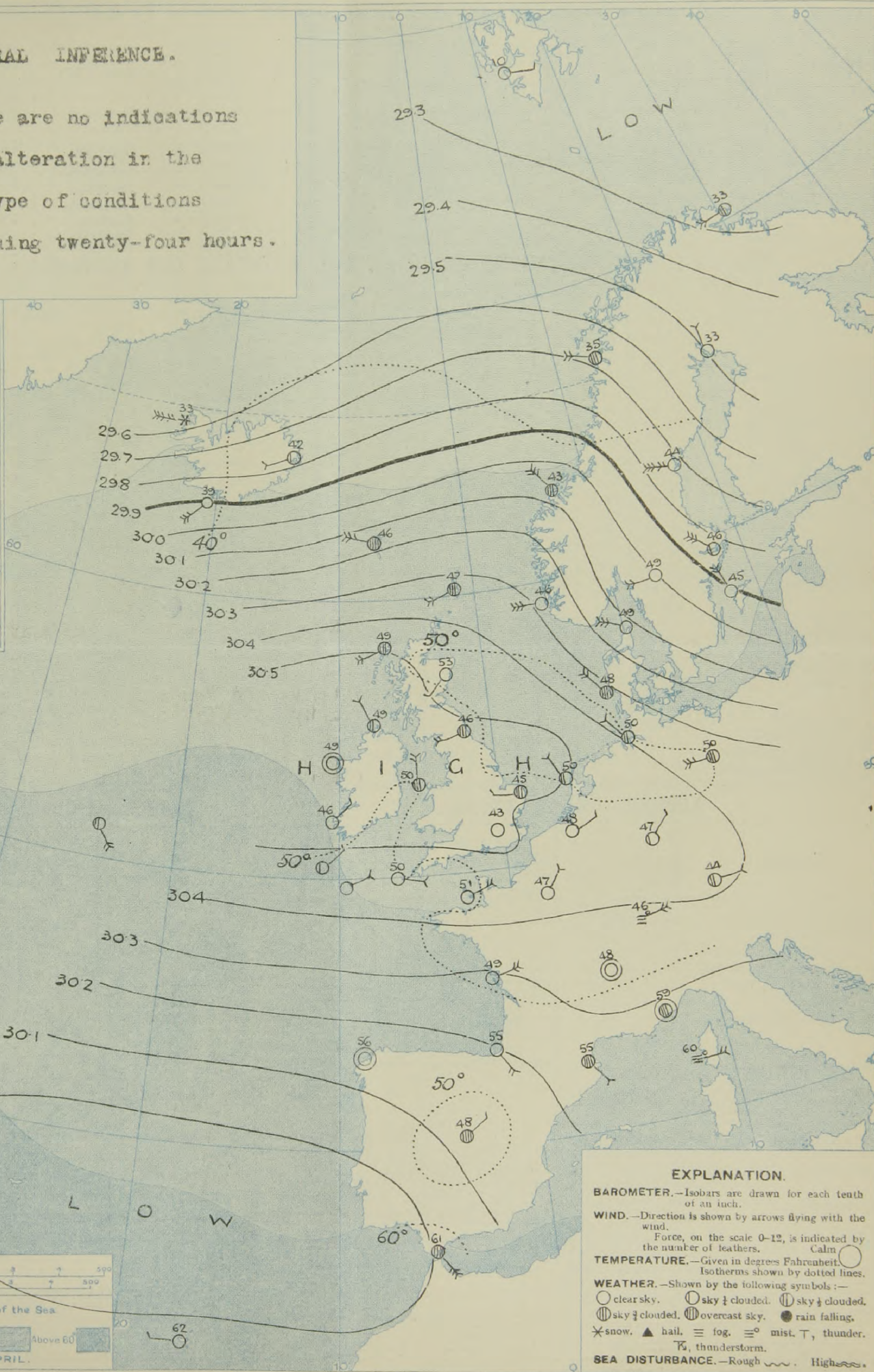
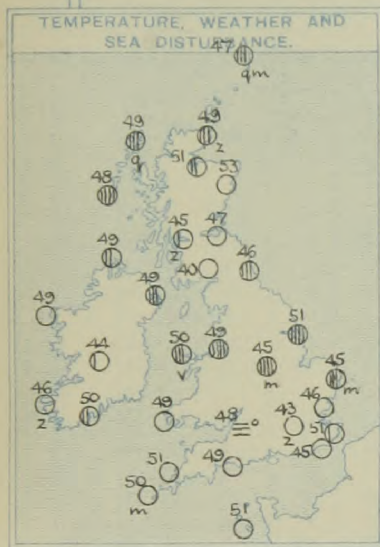
Fine weather is likely to continue.



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

## GENERAL INFERENCE.

There are no indications of a material alteration in the anticyclonic type of conditions during the ensuing twenty-four hours.



## EXPLANATION.

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

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

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

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

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



## DAILY WEATHER REPORT.

Monday, 27th April, 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.	
27th 7 a.m.	51	24	Tunisian	O	?	-02	SSE	4-5	bc	26th 6 p.m.	49	13	Ascania	H	30.49	-02	ENE	4-5	bc
"	49	16	Kronland	O	30.43	-01	ENE	4-5	b	"	51	12	Megantic	O	30.59	-03	-	0	b
"	49	9	Ascania	H	30.45	-01	ENE	4-5	b	"	50	23	Canada	H	30.56	+02	SE	1-3	o
26th 6 p.m.	51	20	Ausonia	O	30.47	-03	SE	1-3	o	"	49	20	Lusitania	H	30.46	+01	E	4-5	o
"	51	18	Canada	H	30.53	-03	ESE	4-5	c	"	51	18	Ausonia	O	30.56	-02	E	1-3	o
"	54	16	Narridian	O	30.51	-04	SW	4-5	o	"	49	16	Ascania	H	30.50	-00	ENE	4-5	o
"	50	14	Campania	O	30.51	-00	SE	1-3	b	"	55	14	Humidian	O	30.54	+03	WNW	1-3	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.			Hr.	Margate ...	In.	F.	F.			Hr.
(Oban ...)							Ramsgate ...		52	44	b	b	10.8
(St. Andrews ...)							Folkestone ...		50	42	b	b	10.0
Eng., N.E.							Hythe ...		53	41	b	b	9.3
(Harrogate ...)		64	36	b	b, bc, c	6.5	Littlestone ...						8.8
(Scarborough ...)		58	40	bc	bc	11.2	Hastings ...		53	38	b, bc	b	9.2
(Skegness ...)		57	33	b	b	10.9	Bexhill-on-Sea ...		51	39	b	b	10.8
(Douglas (10 m.) ...)		55	41	bc, o	o	1.5	Eastbourne ...		52	37	b	by	10.8
(Morecambe ...)							Seaford ...						
Eng., N.W.							Brighton ...		57	37	bc	bc, c	12.3
(Blackpool ...)		52	37	bc	c, o	4.1	Worthing ...		55	37	b	b	12.8
(Southport ...)		53	39	b, bc, bc	c, o	7.3	Littlehampton ...						12.2
Mid-lands.							Southsea ...		52	39	b	b	11.6
(Buxton ...)		57	36	b	b	11.7	Ryde ...		55	45	b	b	12.0
(Leamington Spa ...)		62	49	by	by, bc	10.5	Ventnor ...		60	41			12.7
(Malvern ...)		62	49	b	b	1.0	Bournemouth ...		63	36	b	b	11.5
Wales.							Bognor ...				b	b	11.5
(Rhyl ...)		53	36	b	b	9.8	Weymouth ...		56	40	b	by	12.3
(Colwyn Bay ...)		55	39	b	bc	9.8	Exmouth ...						
(Llandudno ...)		58	41	b	b	8.4	Teignmouth ...		54	39	b	b	11.8
(Aberystwyth ...)		56	43	b	by	11.4	Torquay ...		54	42	b	b	11.9
(Tenby ...)							Paignton ...		53	39	b	b	11.3
England, E.							Falmouth ...		55	46	b	b	12.0
(Lowestoft ...)		51	37	bc	b	12.2	Bude ...		58	38	b	b	12.0
(Felixstowe ...)		51	34	bc	bc, c	12.3	Ilfracombe ...		57	45	b	b	11.7
(Walton-on-Naze ...)		51	42	bc	c, bc, c	11.0	(Weston-super-Mare ...)		60	38	b	b	12.0
(Southend-on-Sea ...)		54	37	b	b	12.0							

## 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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	49	63	12.2	61	36	26	-	b	b	b, bc
City (Bunhill Row) ...			11.5							
Westminster (St. James's Pk.) ...	54	77	11.7	61	40	35	-	bc	b	bm
Camden Sq. (Brit. Rainfall) ...		67	11.9	65	39	35	-	-	-	-
Hampstead (Reservoir) ...		61	13.3	59	33	27	-	b	bc	bm
Richmond Park ...			11.0							
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.)				1671		Joules		32.2 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	-	61	41	39	bc	b
Plymouth to 9 p.m.						
Darwen "						
Manchester "	-	60	40		b, bc	bc, b
Birmingham "	-	61	39	26	b	c
Oxford to 8 p.m.		62	35	28	by, bm	bm, bc, bm
S. Kensington (Museum Grounds to 6 p.m.)		61	40	32	bc	bc, by, c

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

	27th & 28th April, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T.	G.M.T.	G.M.T.	
	4.33	11.51	7.8	
	4.30	11.50	7.10	
Greenwich ...	4.43	11.58	7.13	
	4.41	11.57	7.15	
Wick ...	4.32	12.10	7.48	
	4.29	12.09	7.50	
Valencia ...	5.22	12.39	7.56	
	5.20	12.38	7.57	

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 55° in many parts of this country, but rose to 65° at Nottingham, 67° at Aberdeen. Large records of bright sunshine were reported in most localities, 13.3 hrs. at Hampstead. As far west as the 25th meridian ships experienced an anticyclonic circulation of light breezes, with cloudy to cloudless 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-laze, 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. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

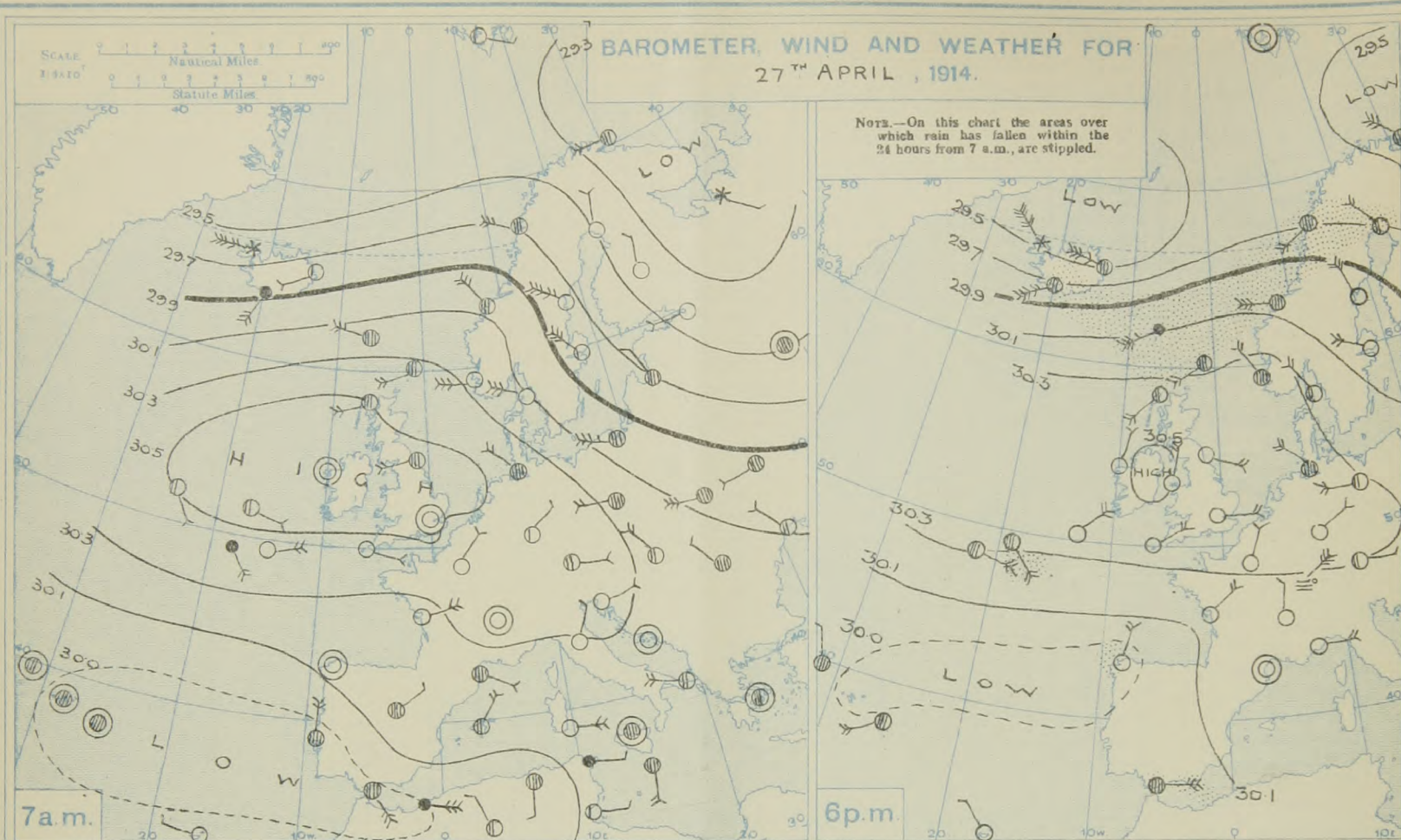


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 28th April, 1914.

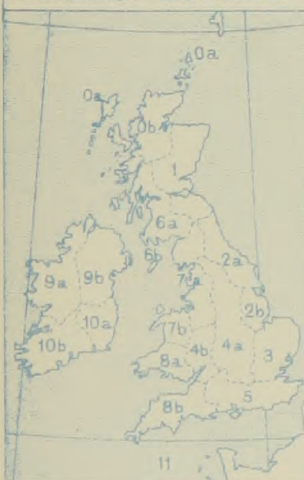
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°.	Temp. F.	WIND.		Weather.	M.S.L. Lat. 45°.	Change in 2 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-8.	Rain- fall.	TEMP.		WEATHER.			
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
	Lerwick ...	30.28	47	WSW	4	cq	30.09	-0.04	47	0	WSW	6	cq	5	0.09	52	45	dpd.c	cpdg	cmrq	Hours.
	Stornoway ...	30.42	51	SW	4	bcq	30.30	-0.02	47	-2	WSW	4	qz	4	Trace	55	46	c.bc	bcq	c.oqg	5.6
	Castlebay (Barra Isd.)	30.47	49	WSW	3	o	30.44	-0.01	48	0	W	3	o	3	-	51	47	dp.c.o	o	c	5.7
	Glasgow ...	30.44	56	W	2	b	30.26	-0.02	44	-1	W	1	c	0	-	59	42	b	b	bx.o	12.8
	Eskdalemuir ...	30.43	59	W	2	b	30.38	-0.03	38	-2	-	0	bmw	0	-	63	30	b	b	b	13.4
	Malin Head...	30.50	50	NNW	1	o	30.36	0.00	47	-2	-	0	b	1	-	52	43	ov	ov	bzw	0
	Blacksod Point ...	30.47	55	NNE	2	bz	30.34	0.00	49	0	-	0	bz	0	Trace	58	41	bz	bz	brw	0
	Valencia ...	30.43	56	WSW	2	bz	30.31	+0.01	46	0	-	0	b	3	-	64	40	bcy	bz	bzw	11.9
	Roche's Point ...	30.47	52	E	3	b	30.35	0	45	-5	N	1	b	1	Trace	56	44	b	b	b	0
	Birr Castle ...	30.44	61	NE	1	b	30.34	0	41	-3	NE	1	b	0	-	64	26	bc	b	bx	12.5
	Donaghadee ...	30.51	51	NNE	3	cu	30.38	-0.03	45	-4	N	2	o	2	-	53	45	cu	cu	o	0
	Liverpool Obsy. ...	30.46	50	NNW	1	b	30.36	-0.02	45	-4	SE	3	b	3	-	54	43	o	b	bm	6.4
	Holyhead ...	30.47	52	N	3	bu	30.37	-0.03	48	-2	N	1	bury	1	Trace	56	44	o.c	c.bc.b	bmw	6.5
	Pembroke (St. Ann's Hd.)	30.42	51	N	3	b	30.34	-0.03	51	+2	NE	3	bm	1	Trace	54	47	b	b	b	11.4
	Newquay ...	30.38	57	E	1	bz	30.27	-0.02	52	+1	-	0	bz	2	-	62	47	bz	bz	bz	12.3
	Scilly (St. Mary's) ...	30.39	54	ENE	3	bm	30.27	-0.02	52	+2	E	4	bm	4	-	60	48	bm	bm	bm	12.2
	Jersey (St. Aubin) ...	30.37	60	NE	3	b	30.28	0	54	+3	E	3	bm	3	-	63	49	b	b	bmw	13.0
	Portland Bill ...	30.40	51	E	3	b	30.32	-0.02	50	+1	NE	4	b	3	-	55	46	b	b	b	0
	Dungeness ...	30.46	52	NE	4	b	30.36	0.00	52	+7	E	4	b	4	-	52	43	b	bc	bc.b	0
	Dover ...	30.41	50	NE	3	b	30.34	0	52	+1	ENE	3	b	3	-	59	45	b	b	b	12.8
	Wick ...	30.38	50	SSW	2	bc	30.25	-0.02	49	0	WSW	3	bc	3	-	59	42	cq bc	bc	bc.m.bc	0
	Nairn ...	30.40	59	W	3	bu	30.28	0	49	-2	WSW	3	cq	2	-	63	43	bu	bu	bc	11.8
	Aberdeen ...	30.38	55	S	4	b	30.28	-0.02	49	-4	-	0	b	2	-	63	39	bc.b	b	b	11.9
	Leith ...	30.40	61	W	2	b	30.32	-0.03	47	0	WSW	3	o	0	-	65	44	b	b	b.bc.c	0
	North Shields ...	30.45	52	ESE	3	bz	30.35	0.00	46	0	SSW	2	m	2	-	55	44	c	b	bcy	10.0
	Spurn Head ...	30.46	51	SE	2	b	30.40	0.00	50	-1	SSW	3	b	2	-	58	46	c	bc	b	6.7
	Yarmouth ...	30.44	51	E	2	bm	30.41	0.00	52	+7	E	1	b	0	-	54	44	b	bm	b	8.3
	Clacton-on-Sea ...	30.45	54	E	2	b	30.41	0.00	53	+7	E	3	b	2	-	55	45	bz	bz	b	12.2
	Nottingham...	30.44	60	ESE	1	b	30.41	0	50	+5	ESE	1	b	0	-	64	43	am.c	am.b	b	5.5
	Bath ...	30.40	66	E	1	m	30.38	0	48	0	E	3	b	0	-	68	39	bz bc	bz	3 bc.bm	11.3
	London (Kew Obsy.)...	30.42	59	E	3	bz	30.38	0.00	49	+6	ENE	2	bz	0	-	63	42	bz	bz	bz.b	11.4
ICELAND, FAEROE, &c.																					
	Spitzbergen ...	29.61	9	-	0	b	29.63	0.00	13	+3	E	7	bc	0	0	16	-6	GALES. Duration and Extreme Force in British Islands.			
	Isafjord...	29.43	21	NW	10	5	29.82	+0.09	13	-20	NW	2	b	0	0	0	0				
	Reykjavik ...	29.78	28	W	9	5	29.88	+0.04	26	-13	W	6	o	0	0	0	0				
	Vestmanna ...	29.80	33	WSW	9	c	29.92	+0.04	29	-10	W	10	s	5	0	0	0				
	Seydisfjord ...	29.50	47	NNW	8	c	29.70	+0.05	23	-19	NNW	9	b	0	0	0	0				
	Thorshavn ...	30.05	46	WSW	7	r	29.93	+0.02	44	-2	NNW	6	c	0	0	0	0				
NORTHERN EUROPE.																					
	Vardö ...	29.43	29	NW	6	b	29.33	-0.04	29	-4	NNW	6	b	4	-	34	25				
	Bodö ...	29.65	33	SW	4	o	29.24	-0.04	41	+6	WSW	7	c	4	0.39	41	33				
	Christiansund ...	30.02	45	W	6	o	29.74	-0.12	46	+3	W	8	o	6	0.08	46	43				
	Skudesnaes ..	30.39	46	NW	2	o	30.24	-0.02	46	0	SW	2	o	3	-	50	43				
	Færder (X'ianla Fjord)	30.17	51	NW	2	bc	30.11	-0.02	47	-2	SW	5	o	3	-	52	46				
	The Scaw (Skagen)...	30.21	47	NW	3	bc	30.19	-0.02	46	-3	W	6	c	1	-	55	43				
	Blaavands Huk ...	30.38	46	NW	4	o	30.39	+0.01	45	-3	NW	2	f	2	Trace	50	43				
	Haparanda ...	29.75	33	NW	2	bc	29.44	-0.18	32	-1	S	2	s	0	0.04	43	32				
	Hernösand ...	29.97	45	NNW	6	b	29.73	-0.08	47	+3	SSW	2	o	0	-	50	37				
	Stockholm ...	30.02	52	NNW	4	c	30.01	-0.05	52	+6	WSW	2	b	0	-	54	34				
	Wisby ...	30.09	45	NNW	4	b	30.10	-0.02	47	+2	W	2	b	0	-	50	37				
	Karlstad ...	30.10	55	N	4	b	30.04	-0.02	45	-4	NNW	4	o	0	-	57	34				
	St. Petersburg ...	29.68	41	-	0	b	29.89	+0.07	37	-2	NW	2	b	0	-	51	27				
CENTRAL EUROPE.																					
	Berlin ...	30.30	55	W	4	bc	30.36	+0.02	43	-7	SW	2	o	0	-	59	43				
	Frankfurt ...	30.34	63	NE	2	b	30.38	0.00	50	+3	NE	2	m	0	-	64	45				
	Munich ...	30.30	55	E	1	bc	30.33	-0.02	47	+3	NE	3	b	0	-	61	37				
	Vienna ...	30.28	55	NNW	3	b	30.33	+0.04	62	+15	NW	2	c	0	-	66	47				
	Cuxhaven ...	30.41	49	NW	4	o	30.44	+0.02	47	-3	N	3	o	0	-	54	40				
	The Helder ...	30.48	53	N	2	b	30.44	0.00	49	-1	NE	1	c	1	-	57	48				
	Brussels ...	30.40	54	ENE	3	b	30.37	0.00	50	+3	ENE	1	b	0	-	65	42				
FRANCE.																					
	C. Gris Nez...	30.40	50	ENE	4	b	30.34	-0.01	48	+1	E	5	b	2	-	63	45				
	La Hève ...	30.36	58	NE	2	b	30.28	0	53	+6	E	2	m	1	-	66	45				
	Ushant...	30.29	52	ENE	5	b	30.23	0	51	0	ENE	3	b	3	-	57	45				
	Brest (St. Mathieu) ...	30.31	62	NE	4	b	30.24	-0.01	53	+7	ENE	3	b	2	-	75	48				
	Rochefort (Ile d' Aix)	30.20	67	NE	3	b	30.18	+0.01	56	+7	ENE	2	b	0	-	81	48				
	Biarritz ...	30.13	61	SW	3	c	30.10	0.00	57	+2	ESE	3	b	1	-	72	50				
	Paris ...	30.30	66	NE	2	b	30.28	-0.01	53	+6	NNE	2	b	0	-	71	45				
	Belfort ...	30.28	60	ENE	6	m	30.31	0	50	+4	ENE	6	m	0	-	67	42				
	Lyons ...	30.25	66	NNE	1	b	30.25	0	54	+6	-	0	b	0	-	71	46				
	Nice ...	30.25	59	E	3	b	30.21	+0.01	62	+3	E	1	c	1	-	66	50				
	Perpignan ...	30.25	55	-	0	b	30.22	+0.02	55	0	-	0	o	0	-	64	50				
	Sanguinaire...	30.25	62	N	3	m	30.22	0	60	0	E	2	m	2	-	66	54				
SOUTHERN EUROPE.																					
	Corunna (8 a.m.) ...	29.97	67	NNE	3	b	30.02	+0.02	57	+1	NNE	1	o	2	0.08	68	52				
	Madrid ... † ...	30.10	57	-	0	bc	30.17	+0.02	50	+2	NE	1	o	0	0.04	59	46				
	Lisbon (9 a.m.) ...	30.08	61	E	5	o	30.04	0	60	-1	E	5	r	2	0.04	62	59				
	Gibraltar ...	30.28	63	-	0	b	30.25	0.00	54	0	N	1	b	0	-	73	52				
	Rome ...	30.28	63	-	0	b	30.25	0.00	54	0	N	1	b	0	-	73	52				
	Azores (Horta, 8 a.m.)	29.99	66	SW	4	bc	29.95	-0.01	60	+3	SSW	4	c	3	-	68	57				
	Madeira (Funchal) ...	30.08	63	NW	1	b	30.07	+0.02	61	-1	NW	1	o	1	-	66	59				





**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 }<br>b }      | Westerly breezes, fresh or strong at times locally; cloudy to fine, local mist or haze; mild.              |
| 1 { a }<br>2 { b }  | Light variable breezes, mainly Westerly or South-Westerly; cloudy to fine, local mist or haze; mild.       |
| 3 { a }<br>4 { b }  | Light to moderate Easterly breezes; generally very fine, local mist or haze; temperature moderate to warm. |
| 5 { a }<br>6 { b }  | Same as Nos. 1 and 2.  |
| 7 { a }<br>8 { b }  | Same as Nos. 3 to 5.   |
| 9 { a }<br>10 { b } | Calms and light variable breezes; generally very fine, some haze; cool to moderate temperature.            |
| 11 { a }<br>b }     | Light to moderate Easterly breezes; slight sea; fine generally, local mist; moderate temperature.          |

**Fine Weather Continuing.**

Millibars

1050

1040

1030

1020

1010

1000

990

980

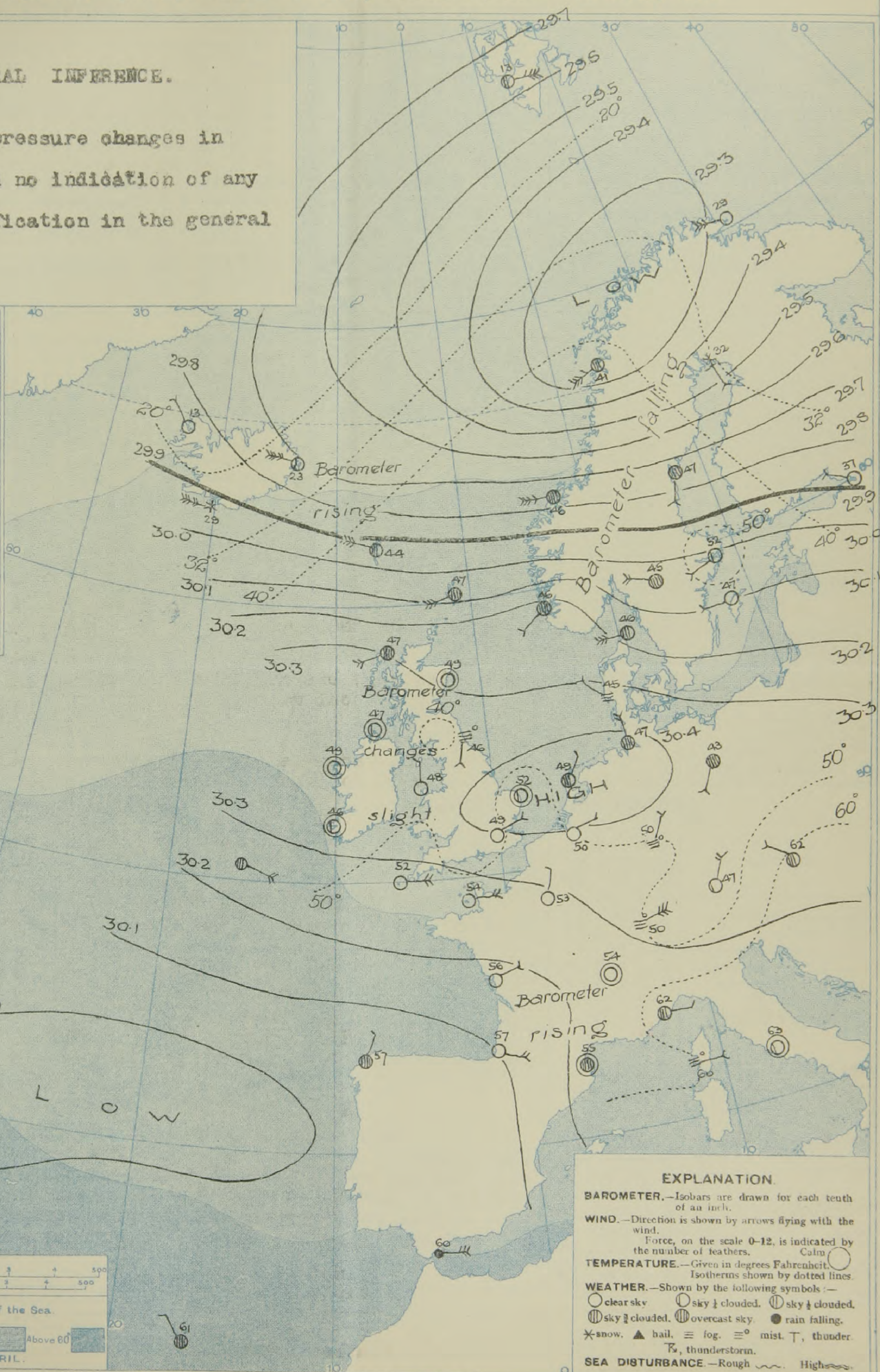
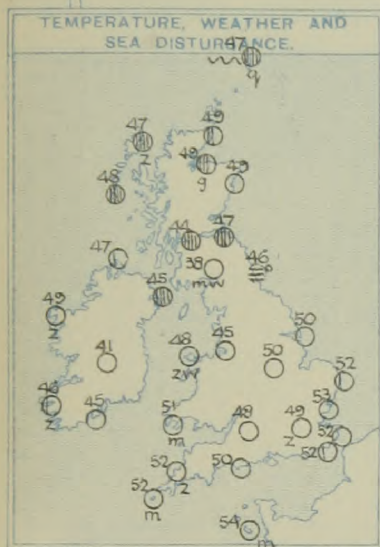
970



# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 28<sup>TH</sup> APRIL, 1914.

## GENERAL INFERENCE.

The pressure changes in progress afford no indication of any important modification in the general 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 1/2 clouded. ○ sky 3/4 clouded.  
● sky 3/4 clouded. ● overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T, thunderstorm.
- SEA DISTURBANCE.**—Rough High



## 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 7 a.m.	50	16	Monmouth	O	30.23	-.01	ESE	4-5	c	27th 6 p.m.	50	13	Monmouth	O	?	-.03	ME	4-5	b
27th 6 p.m.	48	21	Maryland	H	30.32	-.02	ESE	4-5	c	" 7 a.m.	49	18	Mount Temple	H	?	-.00	SE	4-5	r
"	49	18	Minnewaska	O	30.31	-.05	SE	4-5	c	"	51	17	Megantic	O	30.54	-.02	ESE	1-3	bc
"	49	14	Kronland	O	30.34	-.04	ENE	4-5	c	"	49	15	Minnewaska	O	30.43	-.02	ENE	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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	-	53	47	o.c.	o	0.3	Ramsgate ...	-	57	36	b	b	12.0
St. Andrews ...	-	67	43	"	"	12.5	Folkestone ...	-	55	40	b	b	12.2
Eng. N.E.							Hythe ...	-	57	43	b	b	12.2
Harrogate ...	-	62	42	c.b.c.b	b	7.7	Littlestone ...	-	61	37	b	b	11.8
Scarborough ...	-	59	47	c.b	b	10.1	Hastings ...	-	"	"	"	"	12.2
Skegness ...	-	54	40	"	b	9.6	Bexhill-on-Sea ...	-	60	40	b	b	12.6
Douglas ...	-	56	45	b	b	11.0	Eastbourne ...	-	57	41	b	b	12.6
Morecambe ...	-	60	43	b	b	12.5	Seaford ...	-	57	38	b	b	12.1
Blackpool ...	-	57	47	bc	b	12.7	Brighton ...	-	63	37	b	b	12.5
Southport ...	-	54	39	b	b	12.2	Worthing ...	-	63	39	b	b	12.1
Mid- lands.							Littlehampton ...	-	60	37	b	b	12.6
Buxton ...	-	61	40	bc	b	7.1	Southsea ...	-	"	"	"	"	12.3
Leamington Spa ...	-	54	39	3	3	11.8	Ryde ...	-	59	40	b	b	12.4
Malvern ...	-	64	45	b	b	12.0	Ventnor ...	-	59	50	b	b	12.0
Wales.							Bournemouth ...	-	57	43	"	"	12.4
Rhyl ...	-	55	39	bc	b	7.0	Bognor ...	-	61	36	b	b	12.1
Colwyn Bay ...	-	56	49	c	b	6.3	Weymouth ...	-	63	40	b	b	11.8
Llandudno ...	-	55	42	c.b	bc.b	12.5	Exmouth ...	-	62	40	b	b	12.0
Aberystwyth ...	-	65	48	b	b	11.8	Teignmouth ...	-	61	41	b	b	12.2
Tenby ...	-	59	42	b	b	12.5	Torquay ...	-	59	40	b	b	11.8
England. E.							Paignton ...	-	58	38	b	b	11.4
Lowestoft ...	-	55	40	o.c.b	b	8.4	Falmouth ...	-	60	43	b	b	12.0
Felixstowe ...	-	55	40	bm	bc	12.2	Bude ...	-	66	40	b	b	12.0
Walton-on-Naze ...	-	55	40	b	b	12.2	Ilfracombe ...	-	58	47	b	b	12.0
Southend-on-Sea ...	-	59	42	b	b	12.5	Weston-super-Mare ...	-	66	42	b	b	11.5

## 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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	51	72	Hr.	F.	F.	F.	In.	b	b	b
City (Bunhill Row) ...	"	"	67	65	41	26	"	b	b	bc.b
Westminster (St. James's Pk.)	52	70	7.0	64	45	39	"	b	b	bc.b
Camden Sq. (Brit. Rainfall)	51	72	7.9	67	41	34	"	bm	b	"
Hampstead (Reservoir) ...	"	"	10.6	62	43	39	"	bc	bc	bc
Richmond Park ...	"	"	10.4							
Kew. (See front page.)	"	"								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	56	73	7.6	Total.	Average Rate.	Max. Rate.				
				1514 Joules	25.2 Milliwatts.	53.5 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.	-	56	46	43	o.c.	o.c.
Plymouth to 9 p.m.	-	65	41	36	b	b
Darwen "	-	61	44	43	o.c.	bc
Manchester "	-	60	44	"	bc	bc
Birmingham "	-	62	44	37	c	c
Oxford to 8 p.m.	"	67	41	33	bm	bc
S. Kensington (Museum Grounds to 9 p.m.)	-	64	42	32	c.b.c.b	bc.b

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

28th-29th April 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.30 4.28	G.M.T. 11.50 11.50	G.M.T. 7.10 7.12
Greenwich ...	4.44 4.39	11.57 11.57	7.15 7.16
Wick ...	4.29 4.26	12.09 12.09	7.50 7.52
Valencia ...	5.20 5.18	12.38 12.38	7.57 7.58

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° and upwards in many parts of this country, to 67° at St. Andrews, and 68° at Bath. As a rule the day was brilliantly fine, with numerous records of from 12 to more than 13 hours of bright sunshine. As far west as the 25th meridian ships experienced light to moderate North-Easterly to South-Easterly breezes and fine to cloudy weather.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; 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.

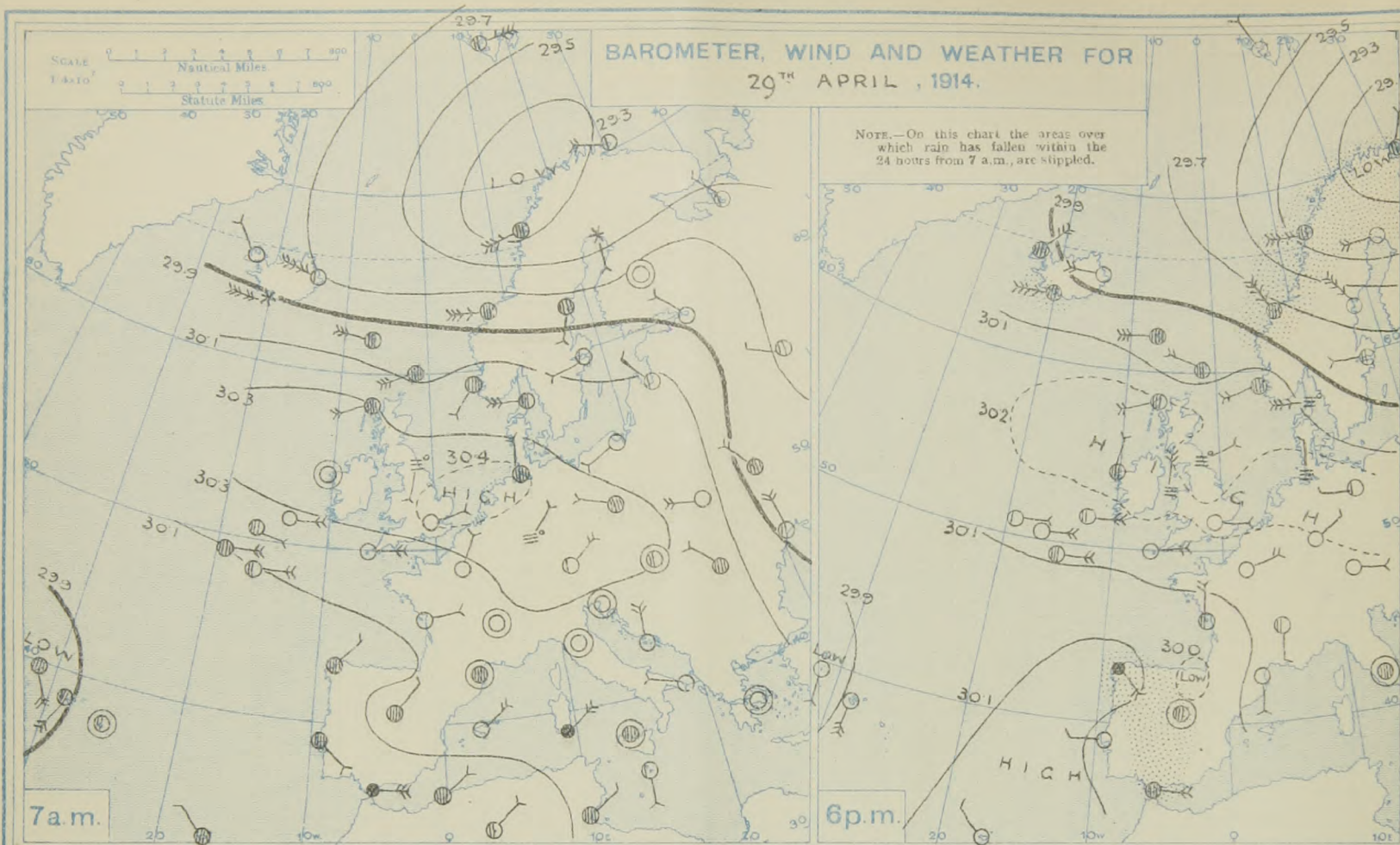
Wednesday.

29th April.

1914.

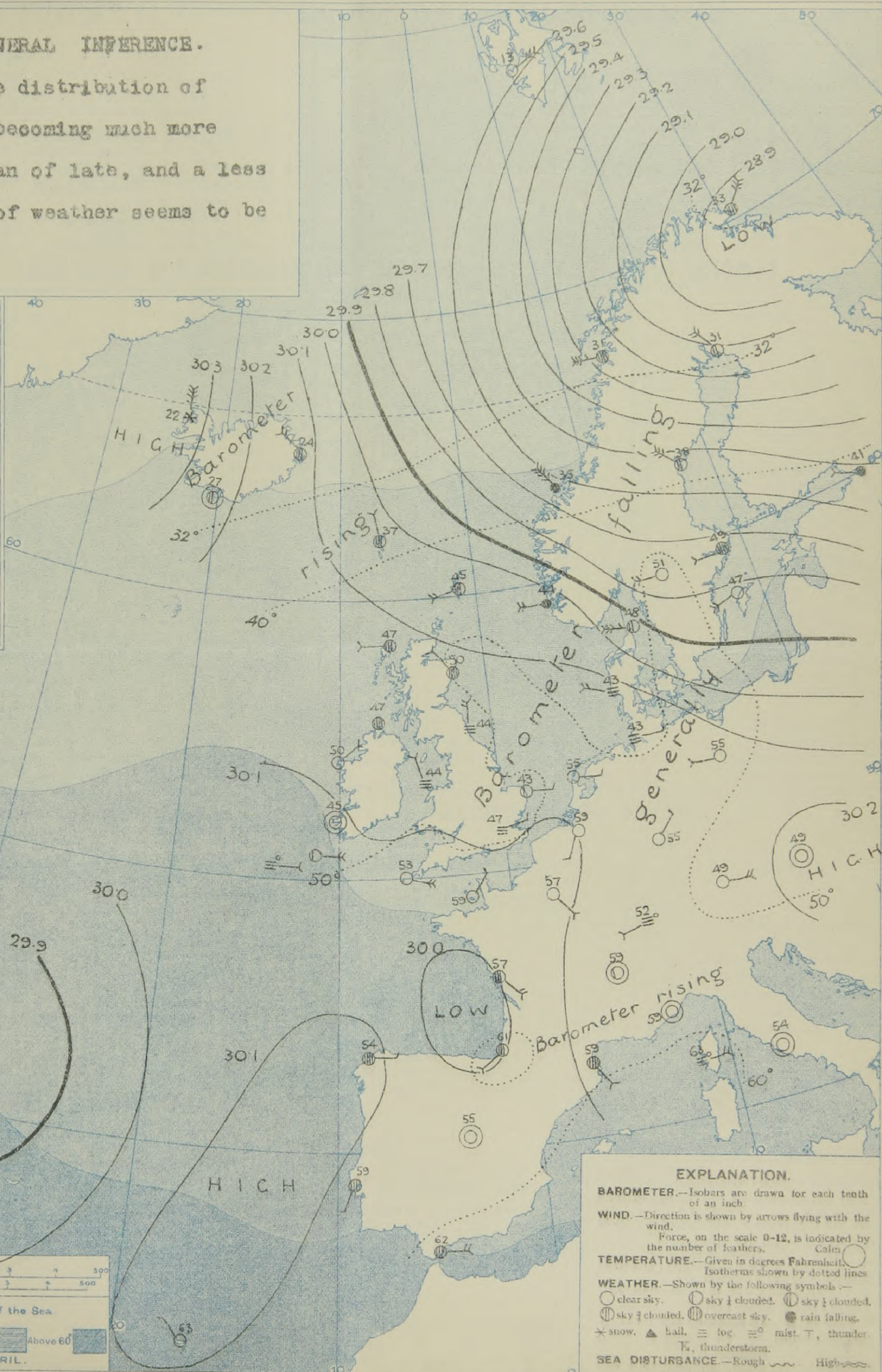
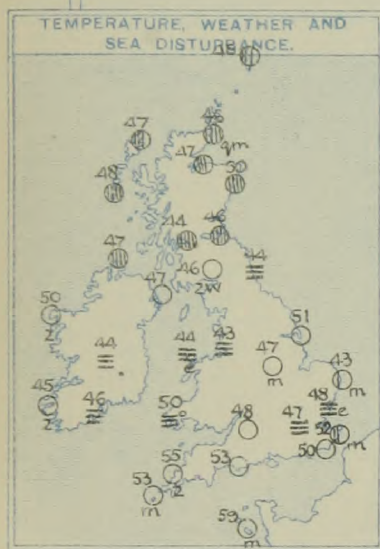
	STATIONS.	YESTERDAY EVENING					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°	Temp.	WIND		Weather.	M.S.L. Lat. 45°	Change in 8 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Weather.	Sea 0-9.	Rain- fall.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon	Night.		
BRITISH ISLANDS.	Lerwick ...	30.00	47	WNW	3	o	30.06	+0.1	45	-2	WSW	3	c	3	Trace	51	42	cq	emp	c.b.c	•	
	Stornoway ...	30.21	50	WSW	4	c	30.17	+0.1	47	0	W	2	c	2	-	52	46	oq	o.c	o.c	0.1	
	Castlebay (Barra Isd.)	30.24	50	WSW	3	bc	30.17	0.0	48	0	MW	1	o	2	-	51	47	o	o.b	bc.o	0.8	
	Glasgow ...	30.20	58	W	2	b	30.16	0.0	44	0	MW	1	o	2	-	61	40	o.c.b	b	b.o	8.0	
	Eskdalemuir ...	30.18	61	SW	2	b	30.15	0.0	46	+8	M	2	bzw	2	-	66	33	bmw.b	b	b	12.7	
	Malin Head...	30.25	49	ESE	2	o	30.11	0.0	47	0	-	0	o	1	-	52	44	cm	om	om	•	
	Blacksod Point ...	30.22	55	NNE	2	cq	30.11	0.0	50	+1	NE	2	bz	2	Trace	59	42	bz	bz	bw.bz	•	
	Valencia ...	30.17	57	NW	1	b	30.08	-0.1	45	-1	-	0	b	3	-	62	41	bz	bz	bz	13.4	
	Roche's Point ...	30.20	56	ESE	3	b	30.12	•	46	+1	E	1	f	2	0.01	58	44	b	bz	bz.fe	•	
	Birr Castle ...	30.17	69	S	1	b	30.11	•	44	+3	SE	1	f	2	-	69	40	b	b	bz	12.4	
	Donaghadee ...	30.25	50	NE	3	b	30.16	-0.1	47	+2	NNE	3	b	2	-	51	45	om	b	om.b	•	
	Liverpool Obsy. ...	30.21	48	NW	1	o	30.11	-0.2	43	-2	NW	1	f	1	Trace	61	42	b	bm	of	10.8	
	Holyhead ...	30.23	48	N	4	f	30.14	-0.1	44	-4	NW	2	fe	1	Trace	57	41	b.bf	bm.bf	fe	10.5	
	Pembroke (St. Ann's Hd.)	30.19	61	-	0	b	30.10	-0.2	50	-1	NNE	1	z	1	-	61	49	bm	bm	bm	11.7	
	Newquay ...	30.15	62	E	1	bz	30.04	-0.1	55	+3	-	0	bz	1	-	65	46	bz	bm	bz	12.9	
	Scilly (St. Mary's) ...	30.16	54	E	4	bm	30.06	-0.2	53	+1	ESE	4	bm	4	-	58	49	bm	bm	bm	12.6	
	Jersey (St. Aubin) ...	30.14	67	NE	3	bm	30.04	•	59	+5	NE	1	bm	0	-	70	52	bm	bm	bm	12.5	
	Portland Bill ...	30.18	54	E	3	b	30.06	-0.2	53	+3	E	3	b	2	-	56	47	b	b	b	•	
	Dungeness ...	30.22	54	E	5	bz	30.12	-0.1	50	-2	NNE	2	b	2	-	57	44	bz	bcz	b	•	
	Dover ...	30.20	50	?	3	bz	30.08	•	52	0	NW	1	bcm	2	0.02	58	42	b	b	z.bcmw	12.6	
ICE ND. FAER. &c.	Wick ...	30.18	51	WSW	3	o	30.13	+0.3	46	-3	WSW	3	omq	3	-	57	44	bc.cq	cq. om	cm. omq	•	
	Nairn ...	30.21	54	WNW	3	bc	30.15	•	47	-2	W	1	c	1	-	59	45	g.b.c	bcq	g.c	4.7	
	Aberdeen ...	30.22	51	SE	1	o	30.15	0.0	50	+1	NW	2	o	2	-	56	48	b	b.o	o	12.0	
	Leith ...	30.17	63	WSW	2	b	30.15	0.0	46	-1	E	1	o	2	-	67	45	bc.b	b	b.b.c.o	•	
	North Shields ...	30.16	57	ENE	2	m	30.13	0.0	44	-2	M	3	f	2	-	64	44	bz	bz	b.bz	9.8	
	Spurn Head ...	30.20	51	SSE	4	b	30.11	-0.2	51	+1	SSW	2	b	4	-	59	47	bc	b	b	11.6	
	Yarmouth ...	30.27	48	ESE	2	bc	30.13	-0.4	43	-9	E	1	bm	0	-	53	39	c	c.b	b	4.6	
	Clacton-on-Sea ...	30.25	51	E	3	b	30.11	-0.2	48	-5	E	1	fe	0	Trace	55	42	b.b.c. om	om.b.c	b.f	9.1	
	Nottingham ...	30.20	65	SSE	1	b	30.12	•	47	-3	WSW	1	bm	•	-	69	41	bm	b	b	12.4	
	Bath ...	30.18	64	SE	1	b	30.12	•	48	0	ME	1	b	•	-	70	42	z.b	bz	z.bm	12.5	
London (Kew Obsy.) ...	30.22	60	E	2	bz	30.13	0.0	47	-2	EME	1	f	•	-	65	44	bz.bz	bz	bz.f	12.4		
NORTHERN EUROPE.	Spitzbergen ...	29.61	14	NW	2	b	29.64	+0.4	13	0	EME	5	b	•	•	16	5	•	•	•	•	
	Isafjord ...	29.6	23	NE	5	o	30.36	+0.5	22	+9	M	8	S	•	•	•	•	•	•	•	•	
	Reykjavik ...	30.00	32	W	4	o	30.28	+0.8	26	0	M	7	b	•	•	•	•	•	•	•	•	
	Vestmanna ...	30.01	32	W	8	c	30.22	+0.5	27	-2	-	0	bc	4	•	•	•	•	•	•	•	
	Seydisfjord ...	29.84	38	WNW	4	b	30.15	+0.4	24	+1	NW	3	c	•	•	•	•	•	•	•	•	
	Thorshavn ...	30.00	41	W	6	o	30.04	+0.7	37	-7	NW	2	c	•	•	•	•	•	•	•	•	
	Vardö ...	29.04	31	ME	2	bc	28.89	+0.1	33	+4	ME	6	o	3	?	33	23	•	•	•	•	
	Bodö ...	29.23	30	W	9	c	29.27	+0.1	31	-10	W	7	o	4	?	41	25	•	•	•	•	
	Christiansund ...	29.76	40	NW	8	o	29.64	-0.4	35	-11	NW	8	r	7	0.63	46	34	•	•	•	•	
	Skudesnaes ...	30.15	45	WSW	4	o	30.02	-0.1	44	-2	W	4	r	3	-	48	43	•	•	•	•	
CENTRAL EUROPE.	Færder (X'ianta Fjord)	29.90	50	WSW	6	b	29.80	-0.2	48	+1	WSW	6	b	3	-	50	46	•	•	•	•	
	The Scaw (Skagen) ...	30.05	47	W	8	m	29.93	-0.3	48	+2	W	7	bc	2	-	52	45	•	•	•	•	
	Blaavands Huk ...	30.27	44	W	2	f	30.15	-0.3	43	-2	NW	3	f	2	-	48	43	•	•	•	•	
	Haparanda ...	29.15	42	W	4	b	29.12	0.0	31	-1	NW	4	bc	•	0.04	50	27	•	•	•	•	
	Hernösand ...	29.58	48	NW	8	b	29.58	-0.1	38	-9	NW	6	bc	•	-	57	36	•	•	•	•	
	Stockholm ...	29.76	55	W	2	bc	29.71	0.0	49	-3	W	2	o	•	-	61	43	•	•	•	•	
	Wisby ...	29.86	50	WSW	4	b	29.83	+0.1	47	0	WSW	4	b	•	0.24	?	?	•	•	•	•	
	Karlstad ...	29.84	57	W	4	b	29.75	-0.6	51	+6	W	4	b	•	-	61	43	•	•	•	•	
	St. Petersburg ...	29.73	44	SW	2	o	29.52	-0.2	41	+4	NW	2	r	•	-	•	•	•	•	•	•	
	Berlin ...	30.26	57	W	1	b	30.18	-0.3	55	+12	W	2	b	•	-	61	41	•	•	•	•	
FRANCE.	Frankfurt ...	30.19	68	NE	1	b	30.15	-0.1	55	+5	NE	1	b	•	-	70	48	•	•	•	•	
	Munich ...	30.17	57	E	2	b	30.16	-0.2	49	+2	E	3	b	•	-	64	41	•	•	•	•	
	Vienna ...	30.23	53	WNW	1	b	30.21	-0.1	49	-2	-	0	b	•	-	64	43	•	•	•	•	
	Cuxhaven ...	30.30	47	M	1	f	30.16	-0.2	43	-4	E	1	f	0	-	52	43	•	•	•	•	
	The Helder ...	30.28	53	NE	2	b	30.14	-0.3	55	+6	E	1	b	1	-	55	49	•	•	•	•	
	Brussels ...	30.19	56	EME	3	b	30.10	-0.1	59	+9	SSW	1	b	•	-	67	44	•	•	•	•	
	C. Gris Nez ...	30.20	51	ME	5	m	30.07	-0.1	53	+5	ME	3	m	2	-	61	48	•	•	•	•	
	La Hève ...	30.14	64	ME	2	m	30.05	•	59	+6	E	2	m	1	-	73	50	•	•	•	•	
	Ushant ...	30.14	56	EME	1	b	30.03	•	54	+3	EME	1	b	3	-	61	46	•	•	•	•	
	Brest (St. Mathieu) ...	30.11	63	WSW	1	m	30.02	-0.1	56	+3	-	0	b	0	-	77	53	•	•	•	•	
SOUTHERN EUROPE.	Rochefort (Ile d' Aix) ...	30.04	64	N	3	bc	30.00	+0.1	57	+1	SE	3	c	•	-	75	54	•	•	•	•	
	Biarritz ...	30.00	70	ESE	2	b	30.00	0.0	61	+4	SW	2	c	1	-	73	57	•	•	•	•	
	Paris ...	30.12	68	EME	2	b																







The distribution of pressure is becoming much more irregular than of late, and a less steady type of weather seems to be developing.



EXPLANATION.

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

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

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

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

WEATHER.—Shown by the following symbols:—

 clear sky.   
  sky  $\frac{1}{4}$  clouded.   
  sky  $\frac{1}{2}$  clouded.   
  sky  $\frac{3}{4}$  clouded.   
  overcast sky.   
  rain falling.

\* snow. ▲ hail. ≡ fog. ≡<sup>o</sup> mist. T, thunder

SEA DISTURBANCE.—Rough. High.

SEA DISTURBANCE.—Rough  High 

\_\_\_\_\_

### Normal Temperature of the Sea

Scale of Tints for APRIL.



## DAILY WEATHER REPORT.

Wednesday, 29th April, 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 7 a.m.	50°	13	Royal Edward	H	30.05	+0.01	E	1-3	m	28th 1 p.m.	51°	11	Lake Manitoba	H	30.30	-0.02	E	(0-12)	bc
"	51°	11	Merion	H	29.95	-0.04	E	4-5	b	"	49°	10	Mount Temple	H	?	0.00	ESE	4-5	bc
28th 6 p.m.	50°	19	Monmouth	O	?	-0.06	E	1-3	b	"	49°	14	Maryland	H	30.16	-0.02	E	4-5	c
"	50°	19	Royal Edward	H	30.13	-0.01	E	1-3	b	"	49°	23	Royal Edward	H	30.20	0.00	?	?	o
"	51°	12	Arabic	H	30.13	-0.02	E	1-3	bc	"	49°	19	Merion	H	30.21	-0.05	E	4-5	o
"	51°	10	Lake Manitoba	H	30.22	-0.06	E	4-5	b	"	48°	17	Maryland	H	30.21	-0.05	E	4-5	bc
										"	50°	17	Arabic	H	30.21	-0.01	ESE	1-3	c
										"	51°	13	Lake Manitoba	H	30.22	0.00	E	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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
(Oban ...)	-	55	48	c bc b	b	4.0	Ramsgate ...	-	56	43	b	b	12.4
(St. Andrews ...)	-	70	39	"	"	12.6	Folkestone ...	-	53	48	b	b	12.5
Eng. N.E.							Hythe ...	-	60	49	b	b	12.5
(Harrogate ...)	-	68	41	b	b bz	9.0	Littlestone ...	-	"	"	"	"	12.4
(Scarborough ...)	-	69	45	c b	bc b	11.3	Hastings ...	-	63	47	b	b	12.5
(Skegness ...)	-	56	43	b	b	11.5	Bexhill-on-Sea ...	-	61	47	b	b	12.0
(Douglas (L.M.) ...)	-	54	39	bc	bf	7.0	Eastbourne ...	-	59	43	b	b	12.0
(Morecambe ...)	-	58	43	b	b	10.4	Seaford ...	-	58	44	b	b	13.1
(Blackpool ...)	-	56	39	bm	c bc om	10.6	Brighton ...	-	69	48	b	b	12.4
(Southport ...)	-	61	38	b	b	10.6	Worthing ...	-	65	46	b	b	12.5
Mid- lands.							Littlehampton ...	-	"	"	"	"	12.7
(Buxton ...)	-	66	36	b	b	10.2	Southsea ...	-	65	45	b	b	12.5
(Leamington Spa ...)	-	67	40	b bz	b bz	11.9	Ryde ...	-	62	47	b	b	12.0
(Malvern ...)	-	69	53	b	b	11.0	Ventnor ...	-	61	47	b	b	12.5
Wales.							Bournemouth ...	-	66	39	b	b	12.3
(Rhyl ...)	-	55	38	b	b bm	9.0	Bognor ...	-	6	"	b	b	11.8
(Colwyn Bay ...)	-	55	40	b	bc o	9.8	Weymouth ...	-	65	45	b	b bz	12.2
(Llandudno ...)	-	63	42	b	f	10.5	Exmouth ...	-	61	46	b	b	12.2
(Aberystwyth ...)	-	59	44	c b	b bc	11.5	Teignmouth ...	-	60	43	b	b	12.5
(Tenby ...)	-	64	49	b	b	11.4	Torquay ...	-	61	46	b	b	12.3
England, E.							Paignton ...	-	59	46	b	b	12.1
(Lowestoft ...)	-	52	39	o	c b	2.9	Falmouth ...	-	62	50	b	b	12.2
(Felixstowe ...)	-	54	48	bc	bc	8.5	Bude ...	-	70	41	b	b	12.5
(Walton-on-Naze ...)	-	53	47	bc o	c bc b	8.6	Ilfracombe ...	-	63	46	b	b	11.8
(Southend-on-Sea ...)	-	60	47	b	b	12.5	Weston-super-Mare ...	-	71	44	b	b	12.1

## 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 Obs.) ...	54	91	12.4	64	44	38	b	b	b of
City (Bunhill Row) ...	"	"	12.0	"	"	"	"	"	"
Westminster (St. James's Pk.)	54	80	12.6	63	46	45	"	"	bm b
Camden Sq. (Brit. Rainfall)	49	80	11.6	67	45	41	"	"	"
Hampstead (Reservoir) ...	"	80	12.7	62	42	40	bc	bm	bm
Richmond Park ...	"	"	11.6	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
				Total.	Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				19.54 Joules	37.3 Milliwatts.		69.0 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.	b o	c o
Plymouth to 9 p.m.	-	54	45	41	b o	c o
Darwen "	-	65	50	43	b	b
Manchester "	-	67	43	40	bc	bc
Birmingham "	-	69	41	"	bz	bz
Oxford to 8 p.m.	-	69	42	26	b	b
S. Kensington (Museum Grounds to 6 p.m.)	-	64	45	36	bz	b

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

29th-30th April 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.28	11.50	7.12
	4.26	11.50	7.13
Greenwich ...	4.39	11.57	7.16
	4.37	11.57	7.17
Wick ...	4.26	12.9	7.52
	4.23	12.9	7.54
Valencia ...	5.18	12.38	7.58
	5.16	12.38	7.59

## NOTES ON YESTERDAY'S WEATHER.

Temperature did not exceed 55° in several parts of this country, but at a few stations it rose to 70° or 71°. The Hebrides had less than an hour of bright sunshine, but numerous stations registered more than 12 hrs. As far west as the 25th meridian ships experienced moderate to light Easterly breezes, and fine to cloudy weather.

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

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

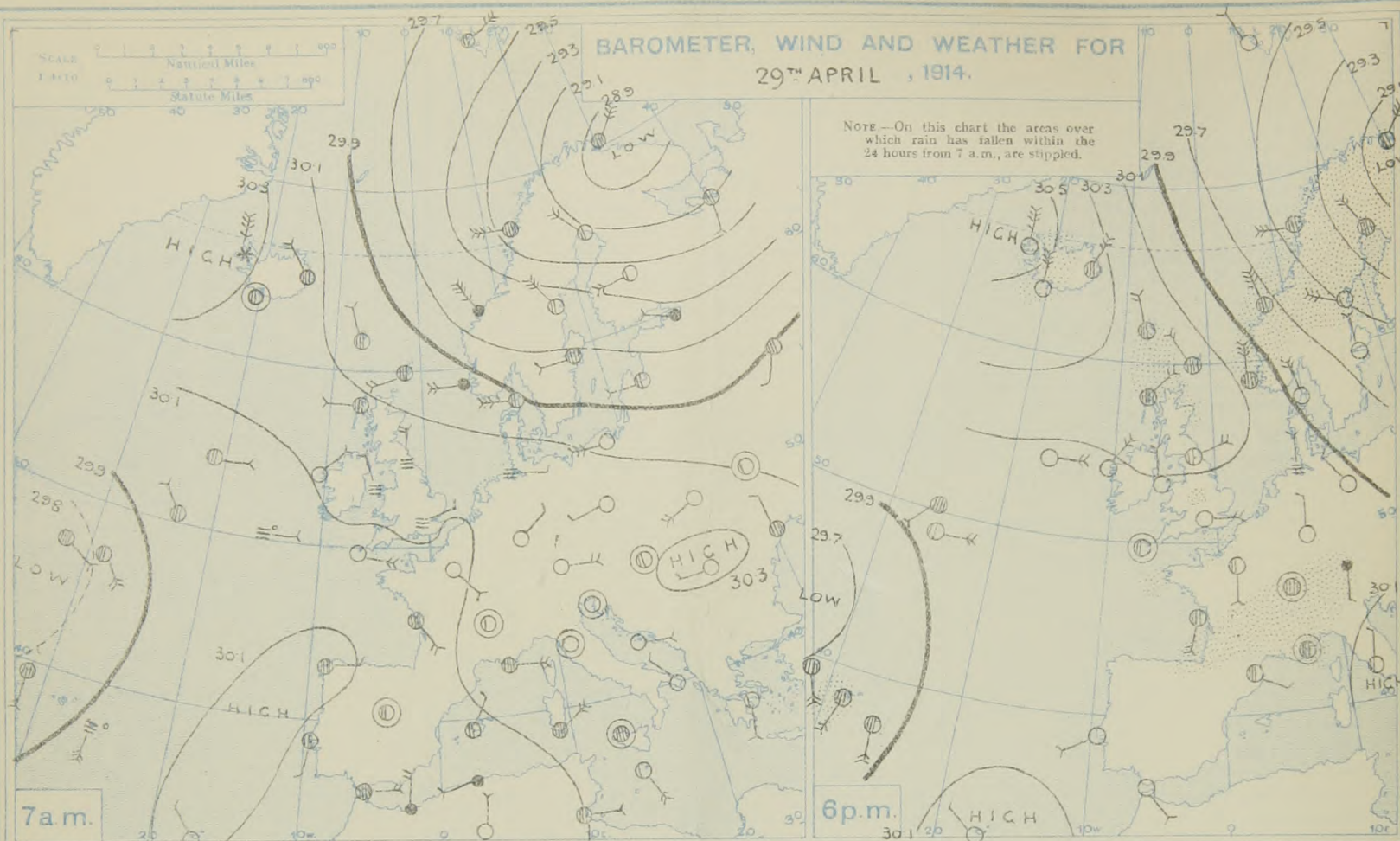
Thursday  
30th April, 1914.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. M.S.L. Lat. 45°.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Weather.	Sea 0-9.	Rain- fall.	Temp.		WEATHER.						
				Dir.	Force 0-12.		M.S.L. Lat. 45°.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.				Max.	Min.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Lerwick ...	30.16	40	NW	3	o	30.22	+0.3	37	-8	NW	3	bc	3	14.5	35	c	c-o	c-o-bc	0.8				
	Stornoway ...	30.19	47	NE	3	o	30.25	+0.3	42	-5	NE	4	o	4	52	38	cp	c-o-o	b-o	0.8				
	Castlebay (Barra Isd.)	30.14	49	NW	3	o	30.15	+0.2	45	-3	NE	5	bc	5	52	43	c-o-o	c-o-o	b-o	0.8				
	Glasgow ...	30.07	52	NE	4	o	30.12	+0.2	45	+1	ENE	3	o	1	58	44	c-o-bc	b-o-b	o	6.0				
	Eskdalemuir ...	30.07	53	E	3	b	30.12	0.0	44	-2	NE	3	o	1	61	38	bzw-c	c-bc-b	b-bco	11.7				
	Malin Head...	30.12	49	NNE	3	m	30.05	+0.1	47	0	NNE	1	m	1	52	46	om	bz	cy	0				
	Blacksod Point ...	30.05	53	NE	4	bz	30.05	0.0	49	-1	NE	3	bz	3	Trace	57	41	bz	bz	bz	0			
	Valencia ...	29.98	61	NW	2	bz	30.12	+0.1	48	+3	0	0	q	3	0.01	63	44	bz	bz	befr	13.0			
	Roche's Point ...	30.03	53	SE	3	b	30.00	0	49	+3	M	2	o	2	0.01	55	45	bf	b	bw-om	0			
	Birr Castle ...	30.00	63	NE	1	m	30.04	0	43	-1	NE	1	bc	1	66	39	b	z	c	7.7				
	Donaghadee ...	30.12	52	M	4	b	30.05	0.0	48	+1	SE	4	om	3	54	46	b	z	bcm-om	0				
	Liverpool Obsy. ...	30.02	48	WNW	1	bc	30.02	-0.1	46	+3	EHE	3	b	3	49	43	m	bcm	om	0.6				
	Holyhead ...	30.02	52	NNW	3	bm	29.96	0.0	50	+6	E	5	bm	4	52	43	fe bf	f-bm	b-bum	4.0				
	Pembroke (St. Ann's Hd.)	29.98	57	NNE	3	b	29.94	+0.1	50	0	NNE	1	bcm	1	Trace	65	48	bm	bm	b-o-bcm	11.8			
	Newquay ...	29.92	65	SW	1	b	29.88	+0.2	52	-3	0	0	bz	1	66	43	b	b	b	10.9				
	Scilly (St. Mary's) ...	29.96	57	0	0	bcm	29.93	+0.1	52	-1	NE	1	cm	2	62	50	bm	bmbcm	bcm-cm	10.5				
	Jersey (St. Aubin) ...	29.92	65	E	2	b	29.89	0	55	-4	E	1	om	0	71	53	bm	comt-b	bc-om	8.7				
	Portland Bill ...	29.94	59	0	0	bc	29.88	+0.1	51	-2	NE	4	o	3	Trace	60	50	b	b-bc	b-c-op	0			
	Dungeness ...	29.96	57	ENE	3	bc	29.93	+0.1	50	0	NE	4	ou	3	Trace	62	49	b	b	b-c-o	0			
	Dover ...	29.95	57	N	3	b	29.93	0	49	-3	NNE	4	om	3	66	47	bc-b	b	b-bcm	11.7				
Wick ...	30.17	45	NW	1	o	30.21	+0.3	41	-5	M	2	o	3	0.02	51	39	agp-om	omd	c-om	0				
Nairn ...	30.14	46	ENE	3	ogm	30.19	0	43	-4	ENE	1	om	2	54	41	bc-om	ogm	og	0.6					
Aberdeen ...	30.15	48	ESE	1	o	30.19	+0.1	43	-7	NE	2	o	2	0.11	57	42	c-o	c-o	odr	2.0				
Leith ...	30.09	54	E	3	o	30.13	+0.2	48	+2	ENE	2	o	1	59	46	c-b	b-bcc	o	7.0					
North Shields ...	30.11	51	ENE	3	bz	30.11	+0.2	47	+3	E	3	c	3	54	44	c-b	bf	cy-c	6.2					
Spurn Head ...	30.03	48	NE	4	f	30.05	0.0	47	-4	E	5	c	5	58	39	bf	f	odm	0					
Yarmouth ...	29.99	51	E	2	b	30.00	0.0	45	+2	ME	4	o	3	54	42	b	b	b-o	12.6					
Clacton-on-Sea ...	29.97	56	E	2	b	29.96	+0.2	47	-1	NNE	4	ogm	3	58	45	fe bz	bz-b	b-lagm	11.3					
Nottingham...	30.01	56	NE	4	b	30.04	0	45	-2	NE	4	dm	1	Trace	70	45	bm	bcm-b	bm-cd	8.7				
Bath ...	29.94	70	E	1	b	29.98	0	49	+1	ENE	4	o	1	73	47	bz	b	bm-o	12.8					
London (Kew Obsy.)...	29.94	63	E	3	bm	29.97	+0.2	46	-1	NE	4	om	1	70	45	f-bm	f-bm	bm-bcm	6.3					
ICELAND, FAEROE, &c.	Spitzbergen ...	29.61	14	MNW	2	b	29.80	+0.4	14	+1	0	c	1	14	3									
	Isafjord ...	30.58	26	N	7	b	30.59	-0.1	21	-1	M	2	b	1										
	Reykjavik ...	30.46	30	N	3	r	30.54	+0.1	24	-2	E	3	b	1										
	Vestmanna ...	30.36	29	N	5	b	30.48	+0.2	31	+4	M	1	bc	0										
	Seydisfjord ...	30.38	31	NNE	5	c	30.51	+0.2	20	-4	NNE	2	b	1										
	Thorshavn ...	30.20	36	NNW	3	c	30.33	+0.3	32	-5	NW	4	s	1										
NORTHERN EUROPE.	Vardö ...	29.09	30	ME	6	c	29.15	+0.4	30	-3	NNE	6	b	3	34	27								
	Bodö ...	29.43	34	W	5	c	29.56	+0.5	34	+3	NW	1	c	1	34	28								
	Christiansund ...	29.78	39	NW	7	c	29.91	+0.5	34	-1	NW	3	c	5	0.24	39	28							
	Skudesnaes ..	30.07	40	M	6	o	30.07	0.0	36	-8	M	5	c	3	0.08	48	34							
	Færder (X'ania Fjord)	29.86	45	NW	6	b	29.92	+0.1	40	-8	NW	1	bc	1	54	39								
	The Scaw (Skagen)...	29.88	45	NW	4	b	29.93	+0.3	42	-6	NNW	4	b	1	52	39								
	Blaavands Huk ...	30.03	46	M	2	o	30.08	+0.2	43	0	M	4	c	3	46	39								
	Haparanda ...	29.20	35	NW	4	o	29.25	+0.2	34	+3	NW	4	b	1	0.04	41	27							
Hernösand ...	29.80	35	WNW	6	b	29.64	+0.1	37	-1	NW	6	b	1	Trace	43	25								
Stockholm ...	29.63	46	M	2	b	29.77	+0.2	42	-7	WSW	2	b	1	59	34									
Wisby ...	29.67	47	WNW	4	b	29.86	+0.3	43	+4	MNW	2	b	1	50	39									
Karlstad ...	29.76	49	NW	4	o	29.87	0.0	40	-11	NW	4	b	1	59	30									
St. Petersburg ...	29.38	43	SW	1	o	29.41	+0.2	32	-9	NW	2	o	1	0.43	30									
CENTRAL EUROPE.	Berlin ...	29.95	68	NW	1	b	29.91	-0.1	55	0	E	2	b	1	73	50								
	Frankfurt ...	29.94	73	N	1	b	29.96	-0.1	58	+3	SW	2	m	1	77	52								
	Munich ...	29.98	63	S	1	r	30.01	+0.1	55	+6	W	3	bc	1	0.04	68	49							
	Vienna ...	30.00	60	S	1	b	29.98	+0.2	50	+1	0	0	b	1	68	46								
	Cuxhaven ...	30.02	49	M	2	o	30.01	+0.2	46	+3	NE	3	c	0	54	43								
	The Helder ...	29.99	57	NNE	3	b	30.00	+0.1	50	-5	NE	6	o	4	61	48								
	Brussels ...	29.93	65	NE	2	b	29.89	-0.1	60	+1	SSE	1	bc	1	77	50								
FRANCE.	C. Gris Nez...	29.95	54	ME	4	bc	29.92	+0.2	51	-2	ME	5	f	2	Trace	59	50							
	La Hève ...	29.95	55	SW	2	o	29.89	0	54	-5	0	0	o	0	0.24	75	52							
	Ushant...	29.94	59	ME	1	o	29.91	0	55	+1	M	1	o	2	0.12	61	50							
	Brest (St. Mathieu) ...	29.95	60	SE	2	o	29.89	+0.2	54	-2	M	3	m	1	73	52								
	Rochefort (Ile d' Aix) ...	29.96	59	SSW	3	c	29.95	+0.2	54	-3	WSW	2	o	1	72	54								
	Biarritz ...	29.96	59	SSW	2	bc	29.96	+0.1	55	-6	0	0	r	0	0.24	66	55							
	Paris ...	29.93	70	SSE	2	m	29.91	+0.1	56	-1	SSW	2	o	1	76	50								
Belfort ...	30.02	67	WSW	4	c	30.03	0	53	+9	0	0	o	1	0.04	70	52								
Lyons ...	30.03	65	SSW	2	bc	30.02	0	55	-4	0	0	r	1	0.04	71	54								
Nice ...	30.09	60	0	0	c	30.02	0.0	60	+1	0	0	c	3	Trace	70	54								
Perpignan ...	30.02	60	SE	1	c	29.99	+0.3	61	+2	0	0	o	1	68										

GALES.  
Duration and Extreme Force  
in British Islands.

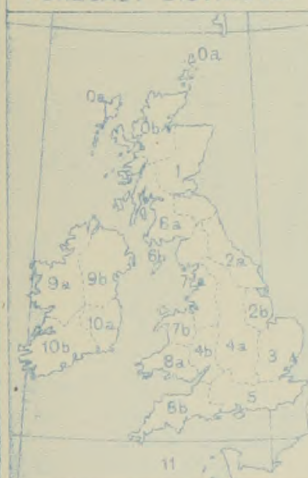
\* Information for these columns not usually received.





**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  
Warning Issued.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 } Light to moderate Easterly and North-Easterly breezes; dull to fine, some mist; cooler.

2 } Light to fresh Easterly breezes; fair to dull, some showers; cooler.

4 } North-Easterly breezes, fresh at times; dull to fair, some rain, local thunder and mist; cooler.

6 } Same as Nos. 0 and 1.

7 } Same as No. 2.

8 } Light North-Easterly breezes; dull to fair, some rain, local thunder and mist; cooler.

10 } Light North-Easterly to Northerly breezes; fine to dull, some coast mist or fog; cooler.

Light to fresh North-Easterly breezes Channel, light Northerly to Westerly breezes on Bay; sea slight or moderate; dull to fair, some rain, mist or fog; cooler.

Millimetres

1050-8

1044

1038

1028

1020

1010

1000

990

980

970

960

950

940

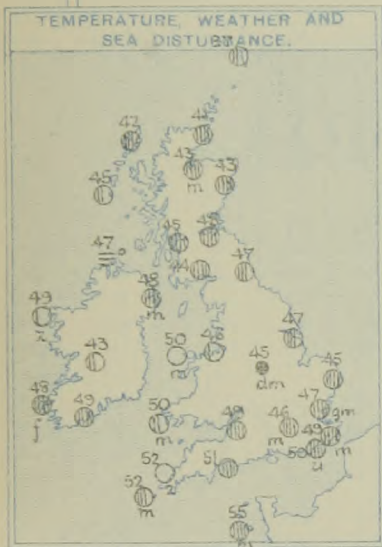
930



# SYNOPTIC CHART FOR 7 a.m., Thursday, 30<sup>TH</sup> APRIL, 1914.

## GENERAL INFERENCE.

With depressions between the Channel and the Azores a less settled Easterly type of conditions is likely to prevail over this country.

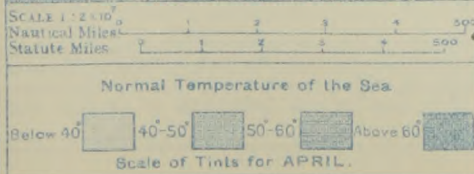


inches.

31

30

29



## EXPLANATION.

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

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

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

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

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



## 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 7 a.m.	50	20	Alsatian	H	29.95	+0.2	EME	4-5	o	29th 1 p.m.	51	11	Royal Edward	H	30.06	0.00	E	1-3	m
"	55	10	Hesperian	H	30.12	+0.2	ME	4-5	bc	" 7 a.m.	47	31	Alsatian	H	29.76	+0.5	ESE	4-5	o
29th 6 p.m.	49	26	Alsatian	H	29.92	+0.4	E	4-5	bc	"	47	28	Kronland	O	29.87	-0.08	SE	4-5	c
"	50	25	Monmouth	O	29.96	-0.06	SW	1-3	o	"	50	22	Monmouth	O	30.02	+0.1	MW	1-3	c
"	54	15	Hesperian	H	30.00	+0.2	E	4-5	b	"	53	20	Hesperian	H	30.06	+0.5	E	1-3	c

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scot- land.		In.	F.	F.				Margate ...	In.	F.	F.				
(Oban ...)	-	56	37	c.bc.b	b	7.0		Ramsgate ...	-	60	39	b	b	12.0	
(St. Andrews ...)	-	56	37	"	"	1.7		Folkestone ...	-	66	50	b	b	12.0	
Eng. N.E.								Hythe ...	-	68	46	b	b	12.2	
(Harrogate ...)	-	53	44	b	b.b.c.c.	9.6		Littlestone ...	-	"	"	"	"	12.2	
(Scarborough ...)	-	53	48	c.b	o.c	4.0		Hastings ...	-	69	47	b	b	12.6	
(Skegness ...)	-	60	39	b	b.b.c	9.1		Bexhill-on-Sea ...	-	63	49	b	b	12.8	
(Douglas (Ref M) ...)	-	60	40	of	b	8.5		Eastbourne ...	-	63	46	b	b	12.0	
Eng. N.W.								Seaford ...	-	73	45	b	b	12.3	
(Morecambe ...)	-	54	40	g.b	b.g	6.3		Brighton ...	-	69	47	b	b.b.c	12.0	
(Blackpool ...)	-	52	43	om	cm.o	0.4		Worthing ...	-	71	47	b	b	12.1	
(Southport ...)	-	50	42	om	o	0.0		Littlehampton ...	-	"	"	"	"	12.2	
Mid- lands.								Southsea ...	-	70	44	b	b	12.0	
(Buxton ...)	-	67	38	b.g	b.g.b.g	6.4		Ryde ...	-	69	54	b	b	12.0	
(Leamington Spa ...)	-	69	39	b	b.g	12.3		Ventnor ...	-	67	53	"	"	11.9	
(Malvern ...)	-	71	45	b	b	12.0		Bournemouth ...	-	72	42	b.g	b.g	11.7	
Wales.								Bognor ...	-	"	"	b	b.g	11.4	
(Rhyl ...)	0.01	48	42	b	b	0.1		Weymouth ...	-	69	49	b	b.g	12.0	
(Colwyn Bay ...)	-	49	44	b.c.m	b.c	2.5		Exmouth ...	-	61	43	b	b	12.0	
(Llandudno ...)	-	57	45	f	b	2.6		Teignmouth ...	-	65	43	b	b	12.3	
(Aberystwyth ...)	-	56	44	o.c.o	c.b.c	2.3		Torquay ...	-	65	46	b	b	12.0	
(Tenby ...)	-	72	42	b	b	11.9		Paignton ...	-	"	"	"	"	"	
England, E.								Falmouth ...	-	65	50	b.c.b	b.c.b	10.5	
(Lowestoft ...)	-	56	40	b	b	12.7		Bude ...	-	74	44	b	b.b.c	10.2	
(Felixstowe ...)	-	58	39	b.m	b	13.1		Ilfracombe ...	-	65	48	b	b.g	11.5	
(Walton-on-Naze ...)	-	56	44	b.m	b.g	10.2		Weston-super-Mare	-	72	47	b	b	12.0	
(Southend-on-Sea ...)	-	64	42	b.w.g	b	8.5									

## 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.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	%	%	Hr.	F.	F.	F.	In.	b	b	b.o
City (Bunhill Row) ...	50	94	8.6	70	44	33	-	"	"	"
Westminster (St. James's Pk.)	49	96	8.9	69	46	43	-	b	b	b.m
Camden Sq. (Brit. Rainfall)	45	90	9.7	72	45	41	-	b	b	"
Hampstead (Reservoir)	"	99	9.5	68	43	41	-	b.c	om	o
Richmond Park	"	"	8.2							
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.)				54	95	6.6	1298 Joules	247 Milliwatts.	630 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	-	58	45	44	of	o.c	c.b
Plymouth to 9 p.m.	-	71	50	40	c.b	b	bc
Darwen "	-	62	45	41	bcw	bc	bc.ou
Manchester "	-	63	43	"	b.g	b.g	bc.g
Birmingham "	-	70	47	29	b	b	c
Oxford to 8 p.m.	-	72	57	31	b.b.f.b	b	b
S. Kensington (Museum Grounds to 6 p.m.)	-	70	46	44	b.m.b	b.g	b.g

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

30th April, & 1st May, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.24 4.24	G.M.T. 11.50 11.50	G.M.T. 7.13 7.16
Greenwich ...	4.37 4.24	11.57 11.57	7.17 7.20
Wick ...	4.23 4.20	12.9 12.9	7.54 7.58
Valencia ...	5.16 5.13	12.38 12.38	7.59 8.2

## NOTES ON YESTERDAY'S WEATHER.

Temperature was very variable. It did not exceed 45° at Lerwick, and 48° at Rhyl, while it rose to 73° at Bath, and 74° at Bude. Very slight showers occurred locally, thunder at Buxton and Jersey, lightning at Clacton. Some northern and north-western stations had little or no bright sunshine, other districts large records, 12 to 13 hrs. in places. As far west as the 32nd meridian ships experienced light to moderate Easterly and South-Easterly breezes and fine to dull weather.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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. Single copies sold at M.O. and at the bookstalls at certain Railway Termini in London.



APRIL, 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.						Sun- shine for Yester- day.  Hours.
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
				At 32° Fabr. and M.S.L. Lat. 46°.	Dry Bulb.		Direc.	Force (0 to 12).	At 32° Fabr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Direc.	Force (0. to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
In.	"				In.	In.	"	"					In.	"	"								
1st	Ajazzunda	30.15	13	S	2	b	30.14	+02	4	-4	N	2	b		-	27	-2						
"	Lisbon	30.16	60	-	0	c	30.10	-01	56	-1	E	2	o	6	-	68	54						
4th	Lisbon	30.35	54	NW	4	b	30.38	+02	56	0	N	2	o	6	-	63	52						
5th	Madrid	30.23	66	N	1	bc	30.39	+03	54	+4	NW	1	b		-	66	43						
6th	Lisbon	30.38	57	N	4	b	30.30	+01	59	+4	NW	4	b	5	-	66	54						
7th	Lisbon	30.16	56	NW	6	b	30.08	-01	55	-4	NNE	4	b	5	-	73	52						
8th	Spitzbergen	30.01	-26	SE	1	b	29.98	00	-29	-15	SE	1	b		-	-11	-36						
9th	Biarritz	30.07	53	WNW	4	c	30.02	-03	48	-2	SSE	3	b	4	0.04	54	43						
13th	Madrid	29.92	59	E	2	o	29.89	+04	58	+9	-	0	o		0.08	63	49						
14th	Brest (St Mathew)						30.35	+05	47	-2	NE	3	o	2	-	61	46						
"	Lisbon	29.72	54	ENE	4	o	29.77	00	53	0	NE	4	f	7	-	?	?						
15th	St. Petersburg	29.60	39	SW	1	r	29.49	-01	34	-6	W	2	f		0.08		32						
"	Vienna	29.95	60	-	0	b	30.15	+08	45	-6	NW	4	r		0.16	72	45						
"	Rome	30.00	61	S	1	bc	29.97	-01	54	+4	N	1	b		-	75	50						
17th	Madrid	29.75	63	S	2	c	29.91	+04	50	-1	NE	1	o		-	66	48						
18th	St. Petersburg	30.25	38	NW	1	b	30.40	+03	32	+2	WNW	1	b		-								
20th	Lisbon	30.04	52	N	4	b	30.01	+02	57	+7	N	4	b	5	-	57	50						
21st	St. Petersburg	30.08	42	SW	9	b	30.06	00	38	+3	W	1	o		-		32						
"	Vienna	30.38	52	NW	1	b	30.34	+01	46	+4	N	1	b		-	63	41						
"	Rome	30.30	59	SW	1	o	30.22	00	52	+4	N	1	b		-	68	48						
22nd	The Shaw (Hagen)	30.31	49	W	2	b	30.30	+01	53	+2	WSW	2	b	0	-	57	45						
"	Plasavands Huk	30.38	49	N	1	b	30.34	-01	53	+4	ESE	1	b	1	-	55	36						
"	Ushant	30.29	54	S	3	m	30.30		51	-1	S	1	o	3	-	61	46						
23rd	Berlin	30.21	68	-	0	b	30.20	00	55	0	SW	3	b		-	75	50						
24th	Sanguinaires	30.13	62	N	1	b	29.98		55	0	E	2	m	2	-	64	54						
27th	St. Petersburg	29.56	42	WSW	3	r	29.45	-01	39	+3	W	2	b		-		30						
"	Vienna	30.34	50	NW	2	b	30.35	-01	47	+3	W	3	b		-	59	43						
"	Rome	30.19	61	N	1	o	30.28	+04	54	-1	N	1	b		-	72	50						
28th	Lisbon	30.01	60	S	3	o	30.02	+02	60	-1	SE	2	o	2	0.28	63	57						
30th	Botrunna	30.05	59	WSW	2	o	30.04	00	53	-1	W	2	c	3	0.32	66	50						

### GALES.

Duration and Extreme Force  
in British Islands

#### Additions

13th, Aberdeen 12th, 5 p.m.

Squalls SW g.

15th, Aberdeen 14th, 10 a.m.

Squalls NW g.







# WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS — APRIL, 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.										
11th	10th, 7am	50	15	Royal Edward	O	29.46	+08	W	6-7	b	3rd	2nd, 7am	50		Albatross						
27th	26th, "	54	11	Columbia	H	30.60	+03	W	1-3	0	"	" 6pm	50								
											5th	4th, 7am					29.20				
											"	" 6pm			California		29.42				
											6th	5th, 7am					29.39				
											"	" 6pm					29.27				
											10th	9th, "			Menominee		29.56	+10			
											11th	10th, 6pm	49	19	Royal Edward	O	29.73	+08	WNW	6-7	b
											12th	12th, 7am			Calcutta		29.75				
											13th	12th, 1pm			California		29.65				
											"	" 6pm					29.61				
											14th	13th, 7am	49		New York						
											"	" "			Megaba		30.28	+10			
											19th	18th, 6pm			Cameronia		30.18	+02			
											20th	19th "			Calcutta		30.11				
											22nd	21st, 7am					29.83				
											"	" 6pm	49	11	Montcalm		30.18				
											13rd	22nd, 7am					-01				
											24th	23rd, 6pm			Empress of Britain		30.41				
											"	24th, 7am					30.45				
											26th	26th, "	54		Columbia						
											29th	28th, "			Royal Edward				ESE	3	
											"	" 1pm		12	Lake Manitoba						