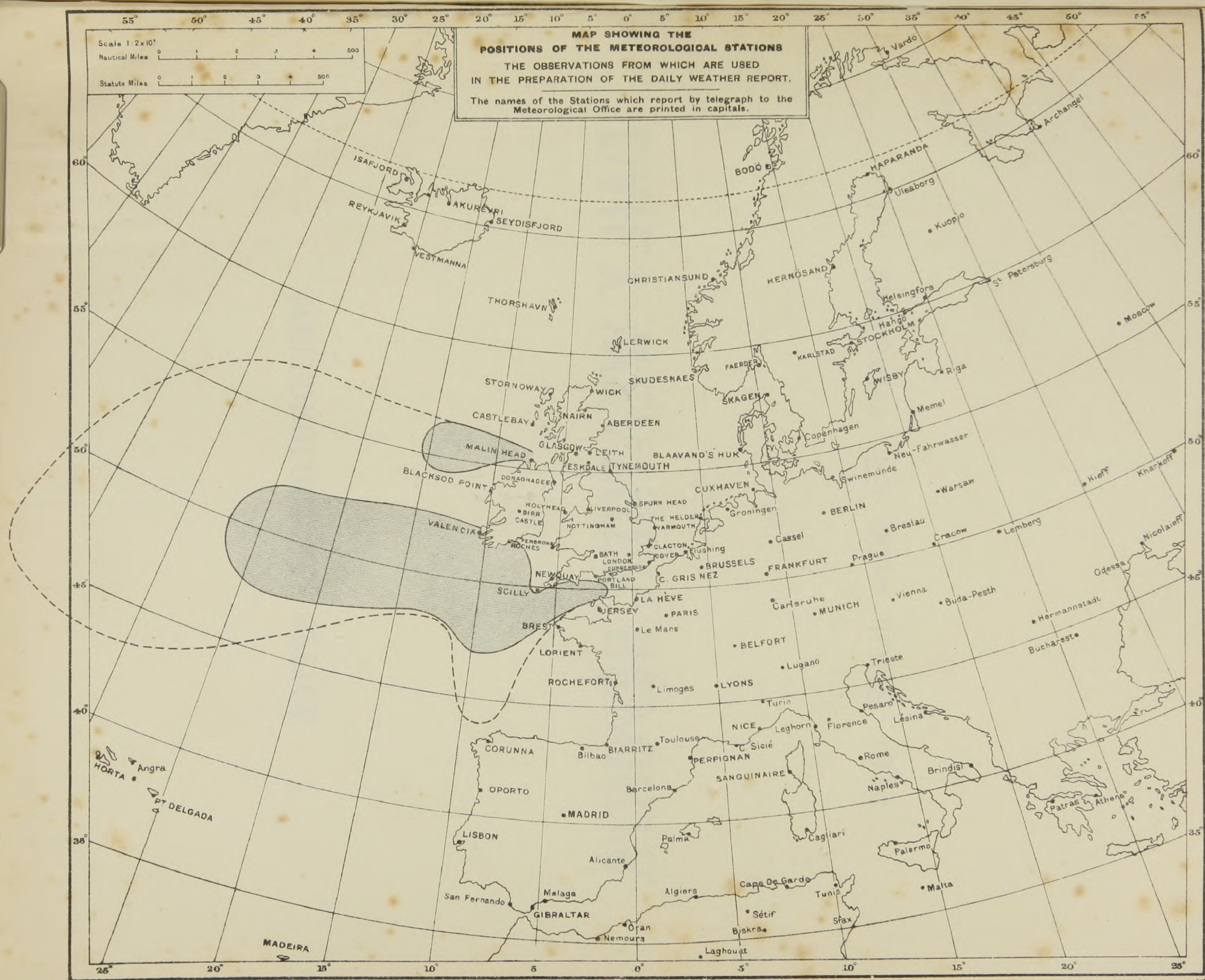
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1st JANUARY TO 30th JUNE 1914.



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

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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 Ochtertyre on January 26th, 1884. The highest value is 1053·5 millibars, the equivalent of 31·11 mercury inches. It was recorded at Aberdeen on January 31st, 1902.

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

(881—12.) Wt. 48791—8073. 5000. 4/14. D & S. G 3.

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 versâ*, 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 versâ*, 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°.

Mercury 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	935·1	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.

Millibars.	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.

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

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

‡ For converting estimates on the Beaufort scale into miles per hour (anemometer factor, 2·2).

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

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

b = blue sky, *i.e.*, sky quite clear, or not more than a quarter clouded.
bc = sky $\frac{1}{4}$ to $\frac{1}{2}$ clouded.
c = sky $\frac{1}{2}$ to $\frac{3}{4}$ clouded.
o = sky overcast, more than three-quarters clouded.
g = gloom.
m = mist.
f = fog.
r = rain.

d = drizzling rain.
e = wet air, without rain falling.
p = passing showers.
h = hail.
s = snow.
t = thunder.
l = lightning.
tl = thunderstorm.
tlr = thunderstorm, accompanied by rain.
q = squalls.

u = ugly threatening sky.
v = visibility, *i.e.*, great transparency, or clearness, of the air, rendering distant objects unusually visible.
w = unusually heavy dew.
x = hoar frost.
z = dust-haze, or smoke.

Scale for Sea Disturbance.

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

DAILY WEATHER REPORT. APPENDIX I.

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

FIRST QUARTER, JANUARY TO MARCH.

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

	STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE. Means of 1906-1910. Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Means of 1876-1910. Daily Maximum.	Daily Minimum.	Absolute Extremes. 1876-1910. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1876-1910. Days with Rain.	Total Fall.	BRIGHT SUNSHINE. 1881-1910. Average Duration.	Per Centage of Possible Duration.
		In.	°	°	°	°	°		°			In.	Hr.	%
JANUARY.	Sumburgh Head	29·686	39·1	37·6	42·5	35·4	52	1898	16	1910	27	3·94	—	—
	Stornoway	29·771	40·3	39·2	43·5	34·5	55	1890	11	1881	25	5·06	28	13
	Castlebay (Barra Isd.)	[29·812]‡‡	[43·2]‡‡	[41·4]‡‡	[46·0]‡‡	[38·7]‡‡	[52]‡‡	[1908, 09, 10]‡‡	[28]‡‡	[1910]‡‡	[27]‡‡	[3·39]‡‡	[36]‡‡	[16]‡‡
	Malin Head	29·878	41·8	40·9	[44·5]‡	[37·5]‡	[55]‡	[1898]‡	[23]‡	[1894]‡	[22]‡	[2·74]‡	—	—
	Blacksod Point	29·961	44·6	42·7	[46·5]‡	[38·8]‡	[56]‡	[1890]‡	[26]‡	[1891, 94]‡	[26]‡	[5·13]‡	—	—
	Valencia	30·069	44·4	42·4	48·8	40·0	56	1876, 78	20	1894	23	5·52	48	19
	Roche's Point	30·089	43·0	42·1	47·5	39·3	57	1889	20	1894	20	4·39	—	—
	Birr Castle	30·038	39·3	38·4	45·1	34·1	57	1880, 98	6	1881, 94	20	2·74	50	20
	Donaghadee	29·988	40·4	39·7	44·6	36·1	58	1898	14	1881	20	2·59	—	—
	Liverpool (Observatory)	30·042	38·3	36·5	43·1	35·0	58	1898	9	1881	17	2·09	[79]‡‡	[32]‡‡
	Holyhead	30·029	42·4	41·0	45·1	38·2	54	1899	20	1894	19	2·90	—	—
	Pembroke (St. Ann's Hd.)	30·074	42·9	41·2	45·7	39·2	53	1899, 1907	19	1881, 94, 07	19	3·20	55	22
	Scilly (St. Mary's)	30·280	45·7	43·2	49·0	42·5	57	1899	25	1894	20	2·97	60	23
	Jersey (St. Aubin's)	30·170	42·7	40·9	46·3	38·4	57	1877, 99	12	1891	20	2·92	69	26
	Portland Bill	30·076	42·9	41·6	45·2	38·2	[52]‡	[1901, 03, 05]‡	[23]‡	[1907]‡	16	2·20	—	—
	Dungeness	30·081	39·2	37·9	43·5	34·6	55	1878, 98	11	1893	16	[1·82]‡	—	—
	Dover	[30·002]‡‡	[37·2]‡‡	[36·1]‡‡	[43·1]‡‡	[33·1]‡‡	[53]‡‡	[1908]‡‡	[17]‡‡	[1910]‡‡	[14]‡‡	[1·92]‡‡	[84]‡‡	[33]‡‡
	Wick	29·763	37·3	36·1	42·4	33·0	60	1898	− 4	1881	21	2·42	—	—
	Nairn	29·811	37·5	36·1	42·6	31·9	59	1887	4	1910	18	1·98	[47]**	[21]**
	Aberdeen	29·857	36·7	35·2	42·1	33·0	59	1898	4	1881	18	2·09	51	23
	Leith	29·901	39·5	37·6	44·0	33·8	58	1898	9	1881	15	1·73	—	—
	North Shields	29·951	38·2	37·0	43·3	33·5	58	1880, 98	6	1881	14	1·53	—	—
	Spurn Head	29·996	37·7	36·7	41·9	34·6	[55]*	[1898]*	[13]*	[1881]*	15	1·20	—	—
	Yarmouth	30·042	37·3	36·1	41·5	33·4	57	1899	10	1881	17	1·59	[79]‡‡	[32]‡‡
	Clacton-on-Sea	30·084	37·2	36·2	41·5	33·6	[54]§	[1901, 05]§	[21]§	[1907]§	15	1·26	[77]¶	[30]¶
	Nottingham	30·047	36·7	35·6	42·4	32·3	58	1877	2	1881	19	1·77	[43]‖	[17]‖
	Bath	30·113	38·5	37·4	44·2	33·6	[57]†	[1883]†	[11]†	[1881]†	16	2·33	46	18
	Oxford	30·121	37·1	35·7	42·9	33·0	56	1877, 90, 1906	7	1881	15	1·79	51	20
	LONDON { Westminster	30·092	38·5	37·1	[44·6]¶	[34·6]¶	[56]¶	[1910]¶	[20]¶	[1908]¶	[12]¶	[1·50]¶	22	9
	LONDON { Kew	30·110	38·0	36·3	42·8	34·2	56	1877, 1910	9	1881	15	1·70	44	17
FEBRUARY.	Sumburgh Head	29·603	37·9	36·5	41·8	34·2	53	1910	17	1895	22	2·98	—	—
	Stornoway	29·690	38·5	37·5	43·8	34·0	55	1891	12	1892	22	4·28	60	23
	Castlebay (Barra Isd.)	[29·772]‡‡	[42·7]‡‡	[40·9]‡‡	[45·7]‡‡	[39·0]‡‡	[50]‡‡	[1909]‡‡	[29]‡‡	[1908]‡‡	[23]‡‡	[3·33]‡‡	[51]‡‡	[20]‡‡
	Malin Head	29·777	40·8	39·8	[44·4]‡	[37·2]‡	[59]‡	[1891]‡	[20]‡	[1895]‡	[19]‡	[2·31]‡	—	—
	Blacksod Point	29·879	43·0	41·1	[46·6]‡	[38·1]‡	[61]‡	[1891]‡	[24]‡	[1902]‡	[22]‡	[3·80]‡	—	—
	Valencia	29·969	43·4	41·2	49·1	39·9	58	1891	22	1895	22	4·96	71	26
	Roche's Point	29·967	42·1	41·6	48·0	39·3	56	1877, 89, 96	25	1895, 1900, 02	18	3·83	—	—
	Birr Castle	29·927	38·5	37·5	46·8	34·6	59	1891	6	1895	17	2·24	67	25
	Donaghadee	29·858	39·4	38·3	45·5	36·1	57	1897, 1903	16	1895	18	2·31	—	—
	Liverpool (Observatory)	29·895	37·8	36·2	44·2	35·6	62	1878	12	1895	16	1·76	[88]‡‡	[32]‡‡
	Holyhead	29·890	41·3	40·1	45·3	38·1	59	1891	17	1895	17	2·44	—	—
	Pembroke (St. Ann's Hd.)	29·934	42·0	40·4	45·6	39·0	56	1903	23	1895	17	2·57	77	28
	Scilly (St. Mary's)	30·139	44·7	42·1	49·0	42·1	57	1896, 99	27	1895	18	2·57	87	31
	Jersey (St. Aubin's)	30·022	42·0	39·8	47·1	38·8	62	1891	18	1895	18	2·51	92	33
	Portland Bill	29·928	41·5	40·1	45·7	38·4	[54]‡	[1905]‡	[25]‡	[1900]‡	13	1·87	—	—
	Dungeness	29·932	38·0	36·7	44·2	35·2	57	1897	11	1889	15	[1·40]‡	—	—
	Dover	[29·982]‡‡	[38·0]‡‡	[36·8]‡‡	[44·8]‡‡	[34·6]‡‡	[55]‡‡	[1909]‡‡	[26]‡‡	[1909]‡‡	[17]‡‡	[1·42]‡‡	[93]‡‡	[33]‡‡
	Wick	29·662	36·8	35·3	42·8	32·6	59	1878	2	1895	19	2·24	—	—
	Nairn	29·715	36·3	34·8	43·6	31·5	64	1891	0	1895, 97	16	1·73	[85]**	[33]**
	Aberdeen	29·759	37·0	35·4	43·1	33·1	64	1897	6	1895	17	2·11	76	29
	Leith	29·777	38·1	36·1	45·3	33·8	59	1882	12	1895	14	1·45	—	—
	North Shields	29·813	37·1	35·8	44·3	33·8	60	1898, 99	7	1895	14	1·43	—	—
	Spurn Head	29·850	37·5	36·4	42·8	35·4	[61]*	[1899]*	[20]*	[1895]*	13	1·26	—	—
	Yarmouth	29·898	37·1	35·8	42·6	33·9	58	1898	15	1895	16	1·58	[81]‡‡	[30]‡‡
	Clacton-on-Sea	29·933	36·8	35·8	43·1	34·1	[58]§	[1903]§	[20]§	[1901]§	12	1·35	[86]¶	[31]¶
	Nottingham	29·899	36·5	35·2	44·6	33·3	61	1899	2	1895	17	1·61	[62]‖	[23]‖
	Bath	29·965	37·4	36·4	46·2	34·3	[62]†	[1899]†	[16]†	[1902]†	14	2·12	73	26
	Oxford	29·965	36·7	35·3	45·2	34·0	64	1891	7	1895	14	1·69	70	25
	LONDON { Westminster	29·940	38·0	36·5	[46·0]¶	[35·3]¶	[56]¶	[1909, 10]¶	[23]¶	[1909]¶	[15]¶	[1·28]¶	37	13
	LONDON { Kew	29·958	37·4	35·6	44·8	35·1	62	1899	11	1895	14	1·59	60	22
MARCH.	Sumburgh Head	29·773	37·8	36·4	42·6	34·1	57	1893	18	1879	25	2·95	—	—
	Stornoway	29·824	38·4	37·4	45·0	34·1	57	1894, 1907	13	1881	23	3·90	104	29
	Castlebay (Barra Isd.)	[29·796]‡‡	[41·0]‡‡	[39·3]‡‡	[45·0]‡‡	[36·2]‡‡	[50]‡‡	[1908]‡‡	[28]‡‡	[1909]‡‡	[21]‡‡	[2·47]‡‡	[102]‡‡	[28]‡‡
	Malin Head	29·850	40·5	39·5	[45·9]‡	[37·7]‡	[62]‡	[1894]‡	[25]‡	[1906]‡	[20]‡	[2·35]‡	—	—
	Blacksod Point	29·904	43·0	41·3	[47·9]‡	[38·7]‡	[64]‡	[1894, 99]‡	[26]‡	[1891, 00, 09]‡	[24]‡	[4·00]‡	—	—
	Valencia	29·957	43·4	41·4	50·4	39·8	66	1899	26	1899, 01	21	4·23	124	34
	Roche's Point	29·964	42·4	41·4	49·4	39·3	61	1899	27	1890	16	3·02	—	—
	Birr Castle	29·937	39·2	38·3	49·3	34·6	66	1894	18	1891	17	2·41	110	30
	Donaghadee	29·912	39·8	38·7	47·2	36·5	64	1892	25	1892, 06	19	2·16	—	—
	Liverpool (Observatory)	29·932	39·1	37·2	46·8	36·7	65	1884, 94, 07	21	1886	16	1·83	[121]‡‡	[33]‡‡
	Holyhead	29·922	41·5	40·2	46·9	38·4	67	1894	27	1881	17	2·51	—	—
	Pembroke (St. Ann's Hd.)	29·940	41·1	40·1	46·5	38·9	58	1899	26	1888, 09	17	2·36	133	36
	Scilly (St. Mary's)	30·113	44·6	42·1	49·9	42·1	59	1893	30	1883, 90, 91	18	2·28	145	40
	Jersey (St. Aubin's)	29·995	42·3	40·3	49·7	39·8	66	1893, 94, 03	21	1890	17	2·40	152	42
	Portland Bill	29·922	41·4	40·1	47·6	38·6	[59]‡	[1900]‡	[26]‡	[1909]‡	14	1·74	—	—
	Dungeness	29·934	39·1	38·1	46·7	36·3	60	1903	12	1909	15	[1·63]‡	—	—
	Dover	[29·861]‡‡	[38·6]‡‡	[37·5]‡‡	[45·3]‡‡	[34·7]‡‡	[57]‡‡	[1910]‡‡	[17]‡‡	[1909]‡‡	[18]‡‡	[2·23]‡‡	[127]‡‡	[35]‡‡
	Wick	29·805	37·3	35·9	44·8	33·6	62	1894	10	1900	21	2·25	—	—
	Nairn	29·826	36·2	34·8	46·1	32·6	66	1907	6	1892	18	1·93	[122]**	[34]**
	Aberdeen	29·853	37·7	36·2	45·6	34·1	66	1889, 91, 92	10	1889	20	2·42	117	32
	Leith	29·861	38·9	36·9	47·7	34·5	68	1884	19	1879, 81, 89	16	1·68	—	—
	North Shields	29·888	37·8	36·4	46·7	34·3	67	1907	15	1889	15	1·74	—	—
	Spurn Head	29·893	38·5	37·4	45·3	36·2	[62]*	[1890, 93, 03]*	[24]*	[1886]*	15	1·33	—	—
	Yarmouth	29·913	38·0	36·6	45·3	35·2	65	1906	18	1892	16	1·66	[125]‡‡	[34]‡‡
	Clacton-on-Sea	29·945	37·9	37·2	45·9	35·4	[59]§	[1906]§	[19]§	[1909]§	13	1·32	[146]¶	[40]¶
	Nottingham	29·930	37·1	36·1	48·3	34·1	68	1884	14	1909	18	1·59	[116]‖	[32]‖
	Bath	29·968	37·8	36·6	49·5	34·5	[67]†	[1907]†	[13]†	[1909]†	14	2·05	119	33
	Oxford	29·978	38·1	36·5	49·1	34·5	69	1907	15	1891	14	1·52	115	32
	LONDON { Westminster	29·948	38·5	37·2	[49·6]¶	[36·1]¶	[68]¶	[1907]¶	[18]¶	[1909]¶	[18]¶	[1·78]¶	73	20
	LONDON { Kew	29·966	37·9	36·2	48·6	35·7	67	1896	17	1909	13	1·59	109	30

* Results for 30 years, 1881-1910.
† " 26 " 1876-1884 and 1899-1910.
‡ " 25 " 1886-1910.
At Birr Castle and Oxford the averages are for 8 a.m.

‡ Results for 11 years, 1900-1910.
§ " 10 " 1901-1910.
‖ " 7 " 1904-1910.

¶ Results for 6 years, 1905-1910.
** " 4 years, 1907-1910.
‡‡ " 3 " 1908-1910.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
MARCH, 1911.

(19358—24.) Wt 10665—7402. 4,000. 3/11. D & S.

SPAIN & PORTUGAL	Azores (Horta, 8 a.m.)	29·97	*	S	2	c	29·94	−·03	53	−2	N	4	r	3	0·51	63	52
	Madeira (Funchal) ...																

* Information for these columns not usually received.

† Received too late for insertion in Charts.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.*

Sunday, 1st March, 1914.

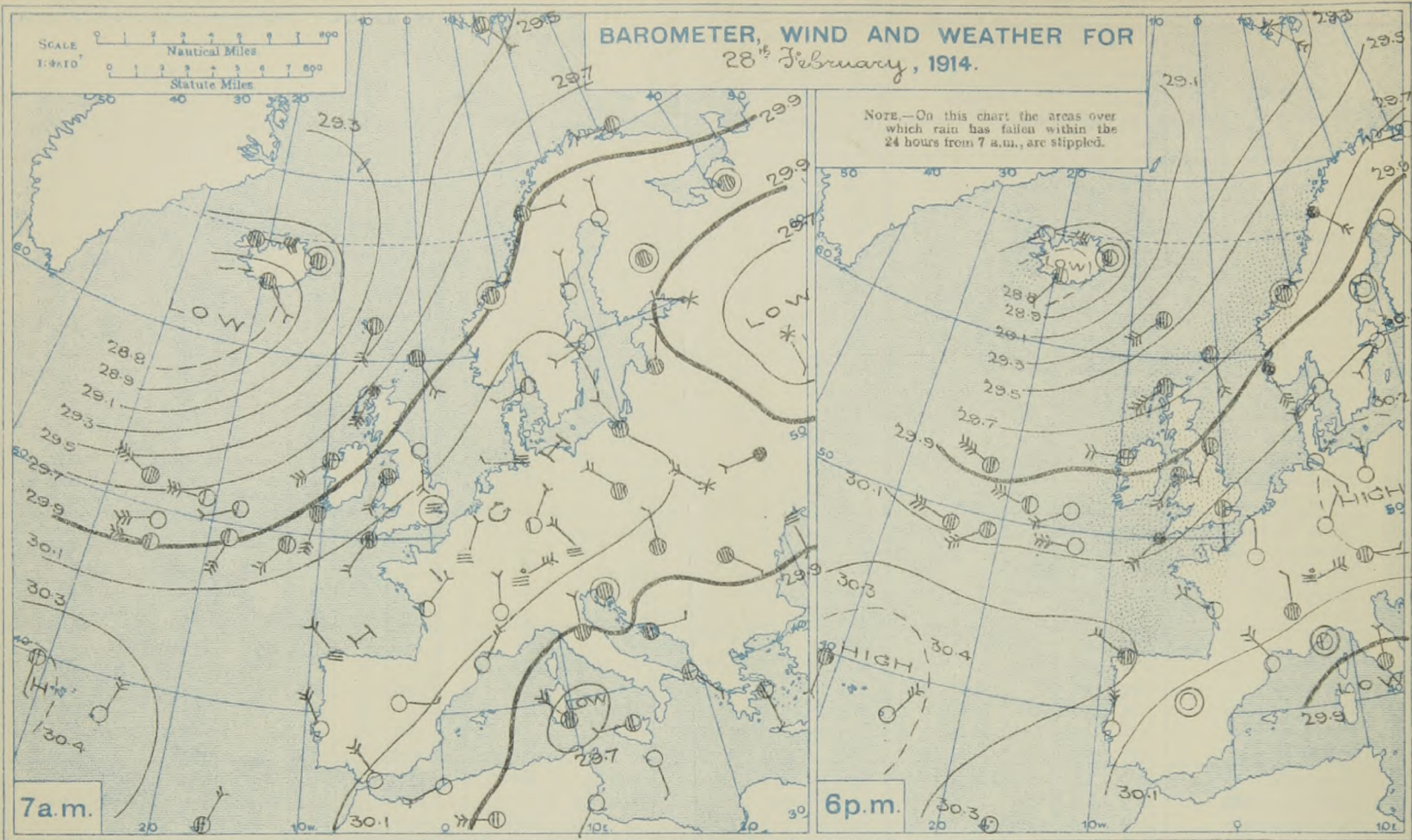
	STATIONS.	YESTERDAY EVENING. Barom. At 32° F. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° F. and M.S.L. Lat. 45°	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rain fall.	Temp. Max.	Temp. Min.	Weather. Morning. 7 a.m. to 1 p.m.	Weather. Afternoon 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°	°					In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.66	46	SSE	3	c	29.50	-.03	44	-2	S	3	c	2	trace	49	43	dp	c	bc.c	*
	Stornoway	29.65	48	SW	7	cq	29.61	.00	39	-9	WSW	3	c	3	0.07	51	39	odp.cq	bc.cq	cq	?
	Castlebay (Barra Isd.)	29.69	48	SW	4	dp	29.66	.00	43	-6	SW	4	dp	4	0.05	50	41	dp.bc	bc.dp	dp.b.dp	0.5
	Glasgow	29.83	47	SW	3	odg	29.76	-.01	40	-7	SW	4	bc	*	0.28	49	39	odp	od	od.c.bc.	0.0
	Eskdalemuir.. ...	29.88	44	S	4	odm	29.80	+.01	37	-7	SW	4	bc	*	0.58	46	36	odm	odm	odm.bc.	0.0
	Malin Head... ...	29.77	47	WSW	2	bc	29.76	.00	41	-7	WNW	5	bc	4	0.02	51	39	cm	bcm	cq/p	*
	Blacksod Point ...	29.81	47	W	4	cmp	29.88	.00	43	-7	WNW	3	cmp	3	0.05	53	39	cm	cmp	cmp	*
	Valencia	29.94	47	SW	3	c	30.00	-.02	41	-10	SW	3	mp	5	0.28	54	41	r.c	cp	cr	2.6
	Roche's Point ...	29.96	49	WSW	3	bc	30.05	*	40	-10	SW	2	o	3	0.31	51	39	rm	rm.bc.	cp.b.o.	*
	Birr Castle	29.87	47	S	1	c	29.96	*	35	-16	SSW	1	bc	*	0.31	51	35	ot	ot.cp	bcx	0.0
	Donaghadee ...	29.85	48	S	2	omr	29.85	.00	38	-10	SW	3	bc	3	0.09	50	38	cp	omr	omr.bc	*
	Liverpool Obsy. ...	29.99	50	SSW	3	o	29.94	+.02	42	-2	WSW	4	b	3	0.16	53	42	c	o	ot.b.	0.1
	Holyhead	29.95	47	SSW	4	ofcq	29.95	+.03	43	-4	W	5	cq	4	0.09	50	42	c.o.cm	c.ofc	ot.c.bc.	0.0
	Pembroke (St. Ann's Hd.)	29.99	?	SW	?	?	30.05	+.04	45	-2	WNW	5	bcq	5	0.05	48	44	cm	c	cq	0.0
	Newquay	30.04	50	S	3	o	30.13	+.04	46	-3	W	4	b	4	0.05	53	46	odf	o.c.o.	od.bc.	0.0
	Scilly (St. Mary's) ...	30.05	50	SW	4	cmd	30.14	+.04	46	-2	WNW	4	bc	5	0.02	52	45	cm.c.	c.cm	bc	0.1
	Jersey (St. Aubin) ...	30.16	49	SE	3	om	30.18	*	47	+12	W	2	ogm	2	–	52	35	bm	bm.cm	bmw.om	9.2
	Portland Bill ...	30.11	47	SSW	4	od	30.11	+.03	47	0	WSW	5	bc	4	0.06	49	45	bc.c.o.	odf	od.c.bc.	*
	Dungeness	30.15	44	SW	2	bm	30.05	.00	44	+1	WSW	3	bc	3	0.04	50	35	bcm	bcm	bx.ot.c	*
	Dover	30.12	43	SW	2	b	30.03	*	44	+5	W	2	bw	3	0.01	47	38	mx.b	bm	bzx.bw	9.5
	Wick	29.69	49	S	4	c	29.59	-.03	37	-9	S	2	bc	1	–	52	37	cm.c.	cm	cm bcm	*
	Nairn	29.72	49	SSW	2	c	29.63	*	38	-10	W	2	bc	2	–	56	37	b.bc	q.bc	bcx	4.1
	Aberdeen	29.80	47	S	3	o	29.66	-.02	42	-4	SW	3	o	2	trace	51	41	o	c.bc.o	dp	0.5
	Leith	29.83	51	WSW	2	o	29.72	-.01	42	-8	WSW	3	b	*	0.11	56	41	o.c.	c.odp	ot.c	*
	North Shields ...	29.92	52	SW	3	c	29.80	+.01	44	+13	WSW	3	bc	2	0.09	54	44	c.o	c	ct.o.c	0.1
	Spurn Head ...	30.03	47	SW	3	o	29.87	+.01	44	+4	SW	4	bc	3	0.04	52	39	c	c.o	o	0.0
	Yarmouth	30.13	45	SSW	2	bcm	29.94	-.03	43	+7	SW	2	bc	1	0.02	53	35	bcm	bcm	bcp	8.2
	Clacton-on-Sea ...	30.13	45	SSE	2	bcm	29.99	-.02	43	+4	WSW	2	bz	2	–	48	38	bc.bm.	bm.bcz	bcz.bz	8.8
	Nottingham... ...	30.05	49	SSW	3	o	29.95	*	43	+3	W	4	cp	*	0.03	50	39	cm.o.	o	oe	0.0
	Bath	30.08	48	S	1	r	30.07	*	45	+5	W	2	o	*	0.04	53	40	m.o	od	d.o.	0.0
	London (Kew Obsy.)...	30.12	48	S	1	cm	30.03	+.02	42	+13	SW	2	b	*	0.03	53	29	fx.f.b.	c.bc.cm	cmc.ot.	6.0
ICELAND, FAEROE, &c.	Spitzbergen	29.25	25	SE	4	s	28.81	-.02	33	+10	SE	9	o	*	?	33	22				
	Isafjord...	28.95	32	E	5	o	29.07	+.03	28	-4	E	2	o	*	*	*	*				
	Reykjavik	28.78	39	–	0	c	29.06	+.07	34	-6	SW	2	r	*	*	*	*				
	Vestmanna	28.78	41	SW	1	c	29.12	+.06	35	-7	W	3	o	6	*	*	*				
	Seydisfjord	28.88	41	–	0	c	28.90	+.01	40	0	S	3	b	*	*	*	*				
	Thorshavn	29.32	47	SW	6	c	29.23	-.05	42	-5	WSW	7	r	*	*	*	*				
SCANDINAVIA.	Haparanda	29.94	4	SSE	2	b	29.54	-.06	27	+27	S	2	f	*	–	27	0				
	Hernösand	29.94	30	–	0	b	29.68	-.08	23	+4	–	0	bc	*	–	34	19				
	Stockholm	30.10	30	SW	2	b	29.86	-.06	35	+15	SW	2	o	*	–	36	19				
	Wisby	30.15	32	NNW	2	b	30.00	-.05	34	+4	SW	4	b	*	–	37	30				
	Karlstad	30.07	34	NE	2	c	29.85	-.08	35	+16	SW	4	c	*	–	36	18				
	Vardö	29.71	28	W	2	b	29.36	-.12	27	-6	S	6	s	2	?	34	27				
	Bodö	29.55	36	SE	4	r	29.39	-.02	41	+9	SSW	2	bc	2	0.51	?	32				
	Christiansund ...	29.68	47	–	0	o	29.54	-.03	42	+2	–	0	r	4	0.16	46	39				
	Skudesnaes	29.94	42	SSE	6	r	29.65	-.05	41		S	6	r	5	0.43	41	39				
	Færder (X'tania Fjord)	30.01	38	SSW	4	o	29.78	-.05	39	+9	SSW	4	f	3	–	39	28				
	The Scaw (Skagen)...	30.09	39	SW	4	b	29.89	-.05	38	+4	SSW	3	m	1	–	39	34				
	Blaavands Huk ...	30.15	37	SW	3	f	29.95	-.06	39	+4	SSW	3	m	2	–	39	34				
GERMANY, &c.	Cuxhaven	30.20	39	SE	1	b	30.01	-.06	32	-3	S	2	mx	0	–	43	32				
	Berlin	30.23	39	N	1	b	30.17	-.02	30	-7	S	1	b	*	–	45	30				
	Frankfurt	30.20	45	NE	1	b	30.16	+.01	33	0	NE	1	m	*	–	48	32				
	Munich	30.20	37	E	1	o	30.20	-.01	30	-5	NE	4	f	*	trace	37	30				
	The Helder	30.18	39	S	1	b	29.97	-.05	37	+3	S	3	f	1	–	48	32				
	Brussels	30.17	38	ESE	1	b	30.07	-.01	35	+3	SW	1	c	*	–	44	31				
FRANCE.	C. Gris Nez... ...	30.14	43	SW	2	m	30.06	-.01	45	+5	WSW	5	bc	3	trace	48	39				
	La Hève	30.16	46	–	0	m	30.13	*	44	+5	WSW	3	c	3	0.04	52	37				
	Ushant...	30.15	50	SW	3	o	30.20	*	50	0	WNW	4	bc	5	0.08	50	45				
	Brest (St. Mathieu) ...	30.17	49	W	2	o	30.23	+.02	48	0	NW	4	bc	5	0.16	52	37				
	Lorient (Bec Melen)...	*	48	SW	2	c	*	*	46	+5	NW	3	bc	4	–	50	37				
	Rochefort (Ile d' Aix)	30.19	48	NW	3	b	30.24	+.02	39	-1	SW	3	r	*	0.04	50	39				
	Biarritz	30.18	53	NNE	3	b	30.27	+.01	50	+6	WNW	3	o	4	–	54	44				
	Paris	30.17	38	N	2	b	30.15	+.01	29	-3	SSW	1	f	*	–	44	29				
	Belfort	30.15	43	ENE	5	m	30.17	*	40	+4	ENE	2	m	*	–	46	36				
	Lyons	30.14	45	NNW	1	o	30.18	*	42	+3	NW	1	o	*	–	45	39				
	Nice	29.97	50	–	0	b	29.99	+.01	50	+1	–	0	b	3	–	59	45				
	Perpignan	30.06	50	NW	4	b	30.09	+.01	50	+5	NW	4	b	*	–	55	45				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.32	53	NW	3	o	30.44	.00	52	0	NW	3	bc	6	0.08	54	48				
	Lisbon (9 a.m.) ...	30.16	54	N	5	b	30.19	+.04	54	-1	NNW	5	b	5	–	61	52				
	Gibraltar							*													
	Azores (Horta, 8 a.m.)	30.46	*	NNE	3	c	30.47	+.01	51	+1	WSW	2	b	2	–	59	50				
	Madeira (Funchal) ...	30.22	58	?	?	b	30.23	+.01	58	-1	?	?	c	?	–	63	54				

GALES.

Duration and Extreme Force in British Islands

* Information for these columns not usually received.

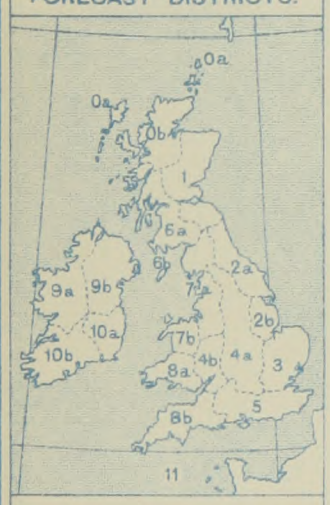
† Received too late for insertion in Charts.



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

		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.		South Farnboro'		South Farnboro'		Eskdalemuir		South Farnboro'		South Farnboro'		South Farnboro'.			
Date and Hour.		24th 10h.		24th 16h.		25th 13h.		26th 11h.		27th 7h.		27th 11h.			
Heights in Kilometres	7·0											−1	−8		
	6·0											−1	−9		
	5·0	−3	+6									−3	−4		
	4·0	−2	+4									−2	−2		
	3·0	0	+4									−1	−4		
	2·0	−1	+3	−2	−4			+5	−6	−3	−2	0	+2		
	1·0	−1	0	−1	−4	0	−7	+4	−3	0	+2	0	+3		
	0·5	−4	+5	−3	−3	0	−6	+4	−1	+2	+3	0	+6		
	Ground.	−1	0	−2	−3	0	−3	+2	−1	−1	+2	−1	+3		
Station.															
Date and Hour															
Heights in Kilometres															

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.

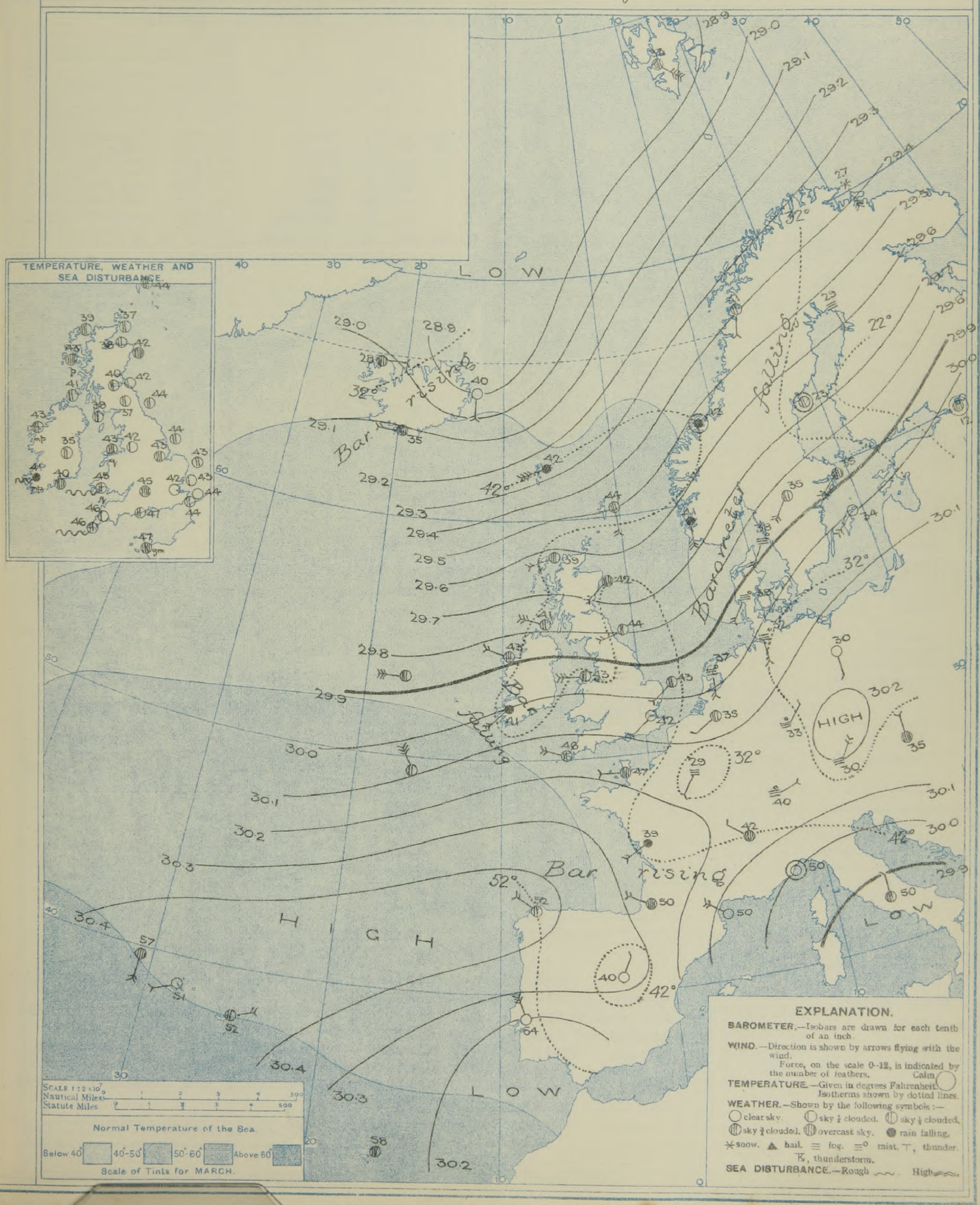
No WARNINGS ISSUED.

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

Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Sunday, 1st MARCH, 1914.



DAILY WEATHER REPORT. Sunday, 1st March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
28th 6pm	49	24	Cymric	O	30.06	+.06	WNW	6-7	c
" "	52	22	Columbia	H	29.86	+.05	WNW	8-9	c
" "	49	21	Merion	O	29.93	+.02	WSW	6-7	c
" "	50	18	Baltic	O	30.01	+.07	WNW	6-7	bc
" "	49	15	Ascania	O	30.09	+.11	W	6-7	b
" "	50	15	Canada	H	30.03	+.05	WSW	4-5	b
28th 6pm	49	13	Mesaba	O	30.07	+.02	WNW	6-7	bc
" 7am	51	26	Columbia	H	29.64	+.03	WNW	8-9	o
" "	49	25	St. Paul	O	29.76	+.22	WSW	6-7	b
" "	50	21	Cymric	O	29.78	+.06	W	6-7	b
" "	50	19	Merion	O	29.78	+.19	SSW	6-7	bo
" "	50	18	Canada	H	29.77	+.01	WSW	4-5	b
" "	49	13	Mount Royal	H	29.86	+.04	SW	4-5	c

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	-	51	41	o	o	0.0
	Scarborough	*					
	Skegness	-	51	?	bc	c	0.0
Eng. N.W.	Morecambe	-	52	43	og	og	0.0
	Blackpool	0.01	52	45	c.o.bc	o	2.5
	Southport	-	54	39	o	o	0.0
Midlands	Buxton	Trace	46	39	bc	c	0.0
	Leamington Spa	-	49	35	c	d	0.0
	Malvern	0.01	48	44	mg	g.d	0.0
Wales	Rhyl	-	58	42	bc.c	c.bo.c	1.1
	Colwyn Bay						
	Llandudno						
	Aberystwyth	-	52	48	o.c.o	o	0.0
	Tenby	-	50	48	f	o	0.0
England, E.	Lowestoft						
	Felixstowe	-	47	35	bf	bm	8.2
	Walton-on-Naze	-	49	40	bm.b	b.bcg	8.6
	Southend-on-Sea	-	54	37	b	b	8.8
England, S.E.	Margate	-	51	31	b	b	7.8
	Ramsgate	-	47	38	*	*	8.3
	Folkestone	-	52	38	b	b	8.5
	Hythe	-	52	29	b	b	8.0
	Littlestone	*	*	*	*	*	8.5
	Hastings	-	50	39	b	b	8.7
	Bexhill-on-Sea	-	52	37	b	b	8.6
	Eastbourne	-	48	30	f.b	bf	8.0
	Seaford	-	51	38	b	b	8.8
	Brighton	-	50	31	bg.b	b	8.3
	Worthing	-	52	32	b	b	9.0
	Littlehampton	-	*	*	*	*	9.1
	Southsea						
	Ryde						
	Ventnor						
	Bournemouth	-	51	37	b	od	1.7
England, S.W.	Weymouth	-	50	43	e.o	m.od	0.0
	Exmouth						
	Teignmouth	0.01	51	47	od	od	0.0
	Torquay						
	Paignton						
	Falmouth	0.12	52	49	oe	o	0.1
	Bude						
	Ilfracombe	0.08	53	48	ode	oe	0.0
	Weston-super-Mare						

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-day)	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	52	85	8.9	56	42	32	0.02	b	b	bcpb
City (Bunhill Row)	*	*	6.5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	92	7.1	55	42	32	0.02	bc	bc	rm.bc
Camden Sq. (Brit. Rainfall)	61	87	5.8	54	41	35	0.05	bm.b	bc	*
Hampstead (Reservoir)	*	85	6.5	57	40	?	0.04	c.or.c	bc.r	ce
Richmond Park	*	*	7.7							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	63	88	6.8							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
805 Joules	20.8 Milliwatts.	38.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.02	55	48	45	o.b	bcq	c.or	*
Plymouth to 9 p.m.	0.21	50	47	47	odg	od	op	0.0
Darwen "	0.01	49	42	40	ocu	ou	ou	0.0
Manchester "				*				
Birmingham "	0.02	49	41	36	o	o	o.or	0.0
Oxford to 8 p.m.	*	50	36	26	bm.b	o.c.o	o.or	*
S. Kensington (Museum Grounds to 6 p.m.)	-	55	35	22	bm	bg.b	bc.c	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

1st & 2nd Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.43	12.6	5.29
	6.40	12.5	5.30
Greenwich	6.49	12.13	5.37
	6.46	12.12	5.38
Wick	7.11	12.25	5.39
	7.8	12.24	5.41
Valencia	7.31	12.54	6.17
	7.28	12.53	6.18

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in many parts of the United Kingdom. Very little bright sunshine was registered in the west and north but on the south and east coasts of England the duration amounted to between 8 and 9 hours. Rain fell in all but the extreme northern districts. Wireless reports show that as far west as the 26th meridian ships experienced fresh to strong Westerly and Southerly winds, and fair weather.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 2nd March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° F. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° F. and M.S.L. Lat. 45°	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rain fall.	Temp. Max.	Temp. Min.	Weather. Morning. 7 a.m. to 1 p.m.	Weather. Afternoon 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°	°					In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.48	40	SSW	4	or	29.49	-.01	40	-4	SW	3	bc	2	0.23	46	36	bcp	bcp	or. bcp	*
	Stornoway	29.66	40	W	5	bcphq	29.71	.00	37	-2	W	4	orh	3	0.29	46	34	bcpq	bcphq	bcprh	?
	Castlebay (Barra Isd.)	29.76	40	W	4	ohp	29.78	.00	43	0	W	4	bc	4	0.16	45	37	op.chp	hp.c hp	bhs.bc	2.4
	Glasgow	29.80	40	WSW	3	o	29.85	-.00	35	-5	SW	4	cx	*	0.22	43	34	crhp	bc.c.o	cr.cp.o	2.5
	Eskdalemuir	29.84	34	SW	4	ors	29.89	.00	32	-5	SW	4	os	*	0.07	43	32	bc.c.	c.ors	c.ors	2.3
	Malin Head... ...	29.83	41	NW	5	c	29.88	+.01	38	-3	SW	5	c	5	0.04	43	35	cmp	cqph	cpq	*
	Blacksod Point ...	29.99	40	NW	3	bcph	30.06	+.03	42	-1	NW	6	cphq	4	0.26	46	35	cmp bc	bcph	cphq	*
	Valencia	30.15	44	W	5	bc	30.23	+.03	45	+4	WNW	4	c	5	0.12	47	40	c.b.	c.b.ph	bcp	5.6
	Roche's Point ...	30.11	42	N	4	c	30.19	*	39	-1	NW	3	b	2	0.09	47	37	cqpbc	bcpq.c.	bcp.b	*
	Birr Castle	30.01	40	W	2	c	30.10	*	35	0	W	2	bc	*	0.10	44	33	cp	cph	ch.bcx	4.2
	Donaghadee ...	29.89	37	WSW	3	cmp	29.95	+.02	35	-3	W	3	bc	3	0.12	46	33	cp	cmp	bc	*
	Liverpool Obsy....	29.91	40	WSW	5	o	29.99	+.02	38	-4	W	5	bcq	4	0.07	47	37	b	op	bcpq	4.8
	Holyhead	29.94	42	W	5	bcq	30.03	+.02	39	-4	W	4	b	4	0.14	46	38	bc c.b.o	bp c.bc	c.b.bc	3.6
	Pembroke (St. Ann's Hd.)	30.05	43	W	4	b	30.12	+.01	41	-4	WNW	5	bc	5	0.05	47	40	bcq	bcq	bq	5.9
	Newquay	30.08	45	W	6	b	30.16	+.03	42	-4	W	7	cqpv	6	0.05	52	41	bv.bcp	bcp.bv	bcpq	8.1
	Scilly (St. Mary's) ...	30.12	45	NW	6	bcqp	30.18	+.01	44	-2	NW	6	cpq	5	0.05	50	39	bv bcp	bcqp	cphq	6.7
	Jersey (St. Aubin) ...	30.14	48	W	4	c	30.13	*	41	-6	NW	3	o	3	0.07	52	40	cm.c.	cp.c	c.op.o	7.8
	Portland Bill ...	30.04	46	WNW	3	bcp	30.08	+.02	41	-6	NW	4	bc	3	0.01	49	41	bc	bcp	bcp	*
	Dungeness	30.05	45	WSW	3	bc	30.01	+.01	32	-12	NW	3	bx	2	–	44	31	c.bc	bc	b.bcx	*
	Dover	30.04	43	SW	4	b	30.01	*	36	-8	NW	4	b	2	–	54	35	b bc c.b	b	bx.b	8.0
	Wick	29.60	40	WSW	4	bc	29.63	.00	34	-3	SW	3	cx	3	Trace	46	32	bc.c	bc	bc.cx	*
	Nairn	29.69	38	W	2	bc	29.71	*	36	-2	W	3	c	2	0.08	44	33	p.bc	cpq	bc	4.2
	Aberdeen	29.70	42	WSW	3	b	29.74	.00	33	-9	SW	2	b	2	–	50	32	c b bc	bc.b	b.bc.bz	6.1
	Leith	29.78	42	WSW	2	c	29.79	.00	37	-5	WSW	4	c	*	0.04	46	35	cpq	cp	c.bc.c	*
	North Shields ...	29.83	45	W	3	bc	29.88	+.02	35	-9	WSW	3	c	2	0.02	48	34	bc	b.	or.c	6.9
	Spurn Head ...	29.92	44	SSW	2	bc	29.93	+.01	38	-6	W	5	b	4	Trace	47	35	bcq	bc	op.b	8.1
	Yarmouth	29.98	46	W	1	bcm	29.95	.00	34	-9	W	2	bcm	1	0.04	51	33	bc	bcm	bcp	9.5
	Clacton-on-Sea ...	30.00	49	W	2	bc	29.99	+.02	34	-9	W	2	bx	1	–	52	33	bz.bc	bc	bc.bx	9.3
	Nottingham... ...	29.94	43	WSW	5	o	29.99	*	33	-10	W	3	bm	*	0.01	50	32	c.b	bc.o	op.c.b	7.2
	Bath	30.02	45	W	4	bc	30.10	*	34	-11	WNW	2	b	*	–	53	34	o.bc.b	b.op.bc	bc	6.2
	London (Kew Obsy.)...	30.01	46	SW	2	bcm	30.04	+.03	34	-8	SW	2	bmx	*	0.03	51	34	b.bc	bc.bcm	bc.or.bmx	8.9
ICELAND, FAEROE, &c.	Spitzbergen	28.90	23	S	3	S	28.89	.00	19	-14	–	0	S	*	?	33	18				
	Isafjord...	29.13	32	–	0	o	29.19	.00	21	-7	–	0	b	*	*	*	*				
	Reykjavik	29.33	32	W	3	o	29.34	+.04	25	-9	W	5	S	*	*	*	*				
	Vestmanna	29.34	33	NW	9	c	29.38	+.04	24	-11	W	5	S	4	*	*	*				
	Seydisfjord	29.06	38	WSW	4	bc	29.09	.00	27	-13	WNW	3	b	*	*	*	*				
	Thorshavn	29.34	40	W	5	o	29.28	-.03	37	-5	WNW	6	o	*	*	*	*				
SCANDINAVIA.	Haparanda	29.42	29	S	2	c	29.13	-.06	32	+5	SW	4	S	*	0.12	34	25				
	Hernösand	29.43	32	–	0	b	29.30	+.04	39	+16	S	4	c	*	–	39	21				
	Stockholm	29.72	36	SSW	2	b	29.63	+.02	39	+4	W	4	o	*	–	41	34				
	Wisby	29.86	35	SW	2	bc	29.77	-.01	38	+4	WSW	4	bc	*	–	41	34				
	Karlstad	29.66	35	SW	4	o	29.64	+.04	34	-1	SSW	2	b	*	–	37	32				
	Vardö	29.21	28	SW	6	o	29.13	-.02	32	+5	WSW	2	b	2	–	32	23				
	Bodö	29.28	40	SSW	1	r	29.17	-.01	37	-4	SSW	2	b	2	0.43	43	36				
	Christiansund ...	29.37	42	SW	1	o	29.40	+.01	40	-2	SW	2	c	5	0.12	45	39				
	Skudesnaes	29.59	40	WSW	6	r	29.63	.00	38	-3	SW	4	c	4	0.43	41	37				
	Færder (X'lania Fjord)	29.54	38	SW	5	bc	29.63	+.03	38	-1	WSW	5	b	3	–	39	37				
	The Scaw (Skagen)...	29.69	43	W	3	o	29.73	+.02	37	-1	SW	1	f	0	–	43	36				
	Blaavands Huk ...	29.85	40	W	2	m	29.84	+.01	38	-1	SSW	3	b	2	Trace	41	37				
GERMANY, &c.	Cuxhaven	29.94	42	W	2	m	29.89	-.02	35	+3	SW	2	m	0	–	45	32				
	Berlin	29.97	33	S	3	b	29.91	-.01	41	+11	NW	2	o	*	Trace	46	30				
	Frankfurt	30.05	45	SW	1	bc	29.96	-.02	39	+6	–	0	r	*	Trace	50	33				
	Munich	30.11	36	SE	2	b	29.97	-.02	37	+7	SW	4	o	*	–	39	30				
	The Helder	29.99	42	SW	2	o	29.89	+.01	40	+3	W	3	c	2	0.04	46	30				
	Brussels	30.04	43	SSW	1	bc	29.96	-.01	37	+2	W	1	r	*	0.12	51	34				
FRANCE.	C. Gris Nez... ...	30.05	45	WSW	5	bc	30.01	+.02	39	-6	WNW	5	b	4	–	48	39				
	La Hève	30.13	45	WNW	1	b	30.08	*	41	-3	NW	4	bc	4	–	50	39				
	Ushant...	30.30	47	NW	5	bc	30.20	*	47	-3	NNW	5	c	4	–	50	43				
	Brest (St. Mathieu) ...	30.20	46	NW	4	c	30.25	+.04	44	-4	NW	5	c	5	0.16	54	41				
	Lorient (Bec Melen)...	*	47	W	3	c	*	*	41	-5	NW	4	bc	4	–	52	37				
	Rochefort (Ile d' Aix)	30.26	49	WNW	3	c	30.25	+.01	45	+6	WNW	4	bc	*	–	54	39				
	Biarritz	29.87	51	NW	3	o	30.23	+.01	50	0	N	4	c	4	0.08	52	46				
	Paris	30.11	45	ESE	1	bc	30.06	+.02	38	+9	WNW	2	b	*	0.04	53	29				
	Belfort	30.12	37	WSW	5	m	30.03	*	38	-2	WSW	4	f	*	?	50	38				
	Lyons	30.15	45	SW	1	b	30.09	*	41	-1	WNW	3	r	*	–	51	37				
	Nice	29.95	50	–	0	b	29.84	-.01	50	0	–	0	c	2	–	63	46				
	Perpignan	30.10	56	NW	3	b	30.12	+.01	47	-3	NW	4	c	*	–	59	46				
	Sanguinaire... ...	*	56	W	1	m	*	*	49	-1	E	2	m	4	–	59	46				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.41	53	NW	3	b	30.48	.00	48	-4	NE	6	o	6	0.08	54	41				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.14	57	W	5	b	30.10	*	51		W	4	bw	1	–	65	49				
	Azores (Horta, 8 a.m.)	30.44	*	SSE	5	b	30.47	+.02	57	+6	ESE	5	o	4	–	61	51				
	Madeira (Funchal) ...																				

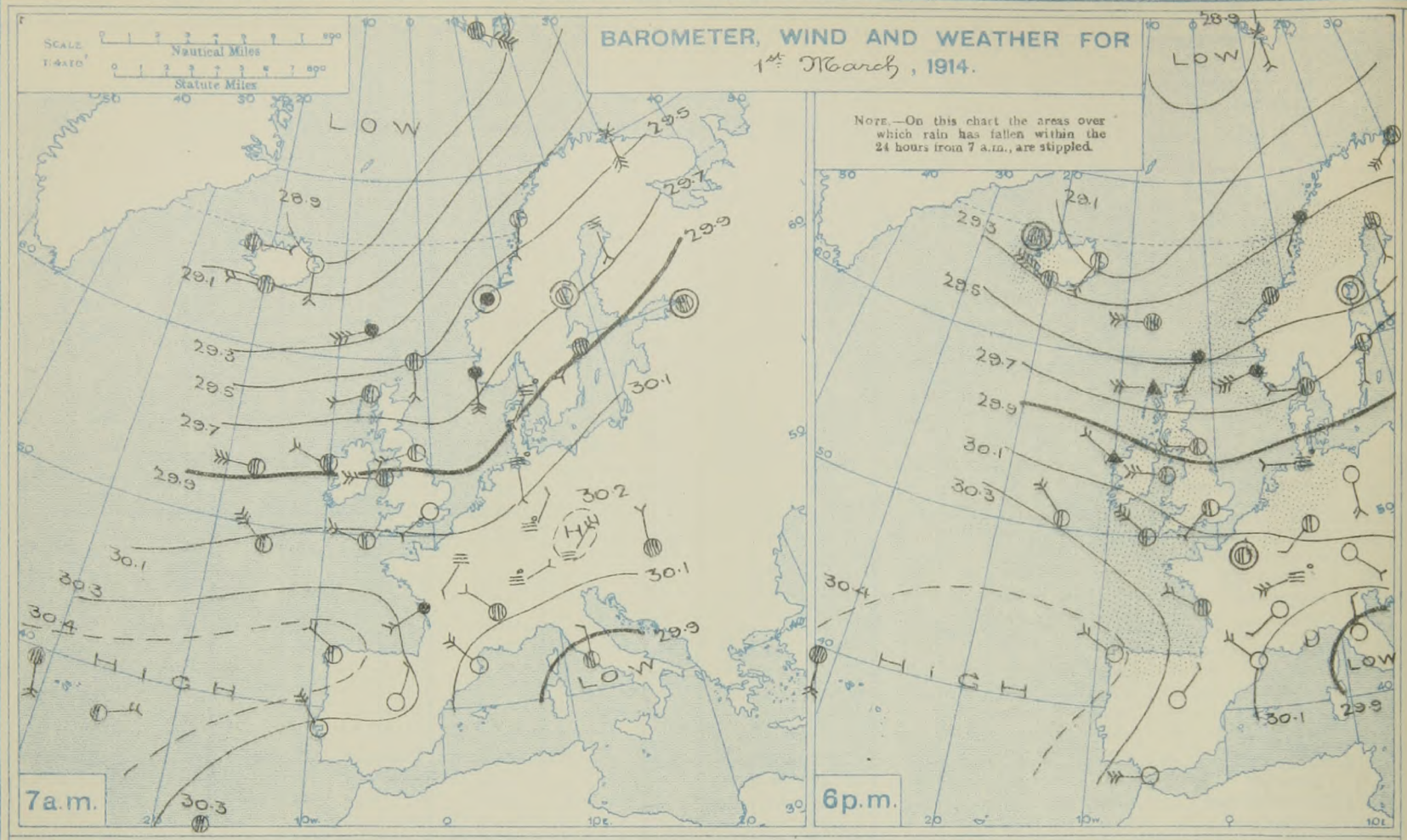
GALES.

Duration and Extreme Force in British Islands

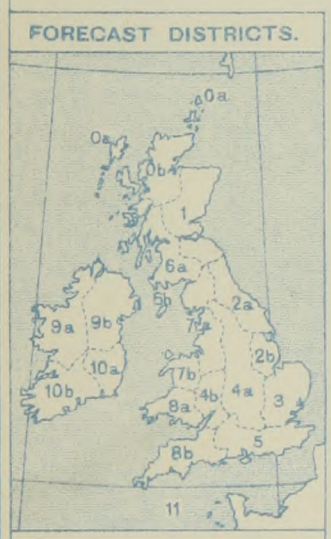
Scilly
2 p.m. gust 45 mph
9 p.m. do. 50 mph

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.



STORM WARNINGS.

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

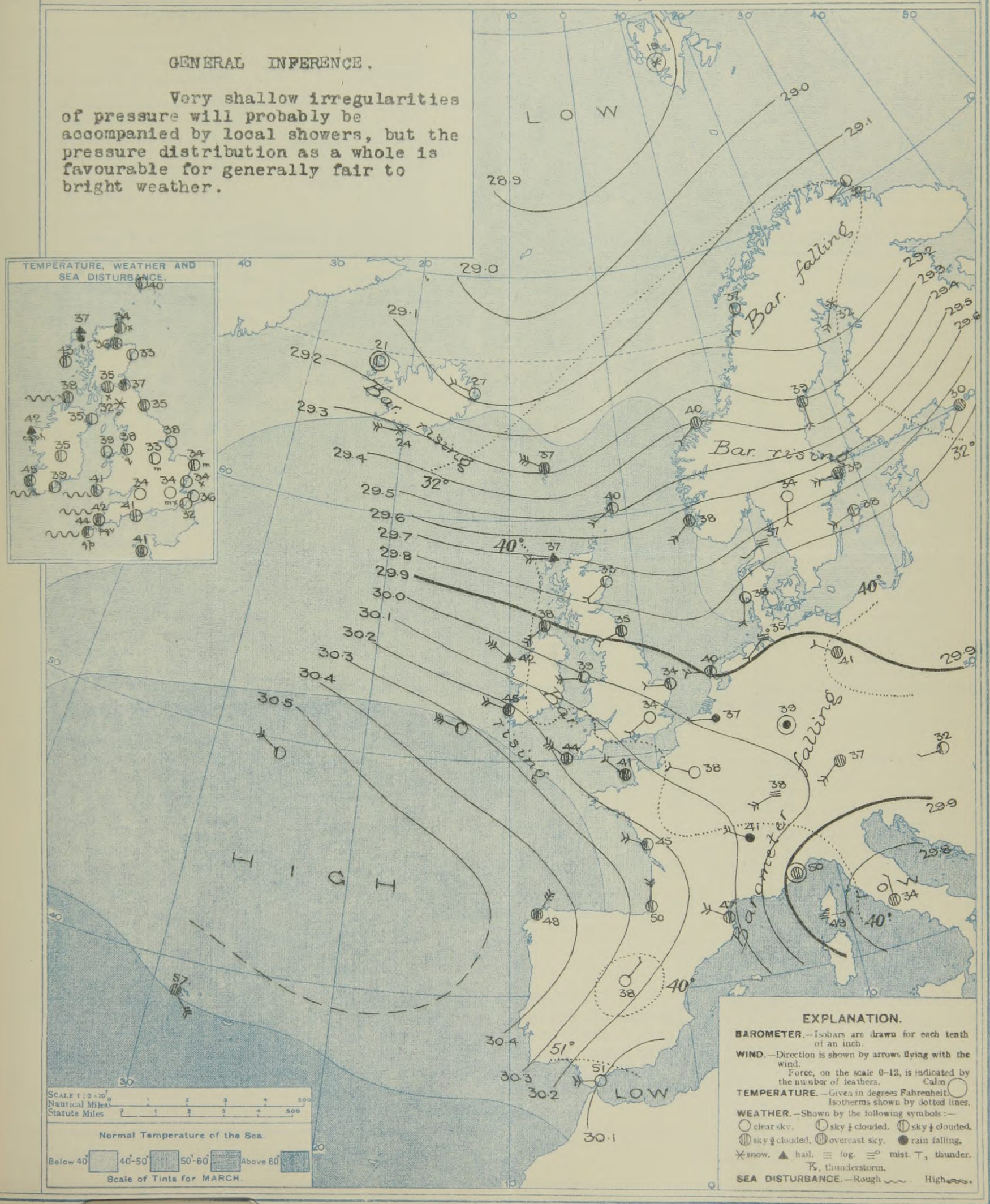
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b; 1; 2 a, b	Wind light to moderate, between West and North-West; mostly fair, but local showers of rain, sleet or snow; temperature lower than of late.
3; 4 a, b; 5	Wind between West and North-West, light or moderate; fair to bright generally, some local showers; temperature lower than of late.
6 a, b; 7 a, b	Same as Nos. 0 to 2.
8 a, b; 9 a, b; 10 a, b	Wind between West and North-West, moderate, fresh at times; mostly fair, but some local showers of hail or rain; lower temperature.
Western Channel and Bay. 11	North-Westerly and Westerly winds, moderate or fresh; sea rather rough to moderate; some showers, otherwise fair.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Monday, 2nd MARCH, 1914.



DAILY WEATHER REPORT. Monday, 2nd March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
2nd 7am.	49	25	?	O	30.58	+.01	WNW	4-5	b.
" "	51	13	Hesperian	O	30.36	+.10	WNW	6-7	b
1st 6pm.	50	14	Lusitania	H	30.32	+.06	NW	8-9	bc
" "	54	12	Lake Manitoba	O	29.89	+.02	WNW	6-7	bc
" "	51	10	Hesperian	O	30.14	+.05	WNW	6-7	c

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
1st. 1pm.	54	13	Columbia	H	29.98	+.02	WNW	8-9	c
" 7am.	53	17	do	H	29.88	-.01	W	6-7	c
" "	49	16	Mesaba	O	30.57	+.09	NW	6-7	bc
" "	51	11	Canada	H	30.07	+.02	WSW	4-5	bc

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban						
	St. Andrews				*	*	
Eng., N.E.	Harrogate	0.05	47	40	bc.c	bc.c	5.8
	Scarborough	*	50	42	c.b	bc	7.0
Eng., N.W.	Morecambe						
	Blackpool	0.10	50	41	r.o.c	c.or	2.0
	Southport	?	48	41	bc.b.o	op.cr	4.8
Midlands.	Buxton	0.19	46	37	b	bc.r	6.0
	Leamington Spa	0.07	51	40	b	c	8.0
	Malvern	–	51	41	b	bc.b.bc	7.7
Wales.	Rhyl	0.14	49	41	bc	c.or	5.2
	Colwyn Bay	0.09	49	40	bc	bcph	4.7
	Llandudno	0.24	49	40	b	bc	4.8
	Bettws y-Coed						
	Aberystwyth	0.18	47	43	c.bc	pq	4.1
	Tenby						
	Skegness	0.03	51	?	b	b	8.6
England, E.	Lowestoft	0.01	53	40	bc	bc	9.4
	Felixstowe	–	53	42	bc.b	bc.bm	9.1
	Walton-on-Naze	–	52	42	b.bc.b	b.bc.b	8.7
	Southend-on-Sea	–	54	40	bc.b	b	6.8

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	–	51	39	bz	bz	4.8
	Ramsgate	–	51	40	*	*	8.1
	Folkestone	–	54	40	b	b	6.4
	Littlestone	*	*	*	*	*	8.1
	Hastings	0.04	52	41	op.bc.b	b	8.3
	Bexhill-on-Sea	0.02	51	42	bc	bc.b	8.5
	Eastbourne	0.03	49	37	b.bc	c.o.b	8.1
	Seaford						
	Brighton	0.02	53	43	b.bc	b	7.9
	Worthing	0.02	55	41	b	b	8.3
	Littlehampton	0.01	*	*	*	*	8.6
	Southsea	–	50	40	b	bc	8.9
	Ryde	–	52	44	b	b	9.0
	Ventnor	0.05	55	43	*	*	9.0
	Bournemouth	0.06	54	41	b.o	o	7.8
England, S.W.	Weymouth	0.07	53	44	b	b.bcp	7.1
	Exmouth						
	Teignmouth	0.02	54	43	b	cpq.b	7.1
	Torquay	0.04	52	43	b	bc	7.5
	Paignton	0.02	53	42	b	bcp	7.5
	Falmouth	0.05	52	41	bcph	c.bcph	8.3
	Bude	0.07	51	43	b	b	7.1
	Ilfracombe	0.09	50	44	b	bcp.bc	7.5
	Weston-super-Mare	0.07	50	42	b	b.bc.b	7.2

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	56	82	8.8	53	34	25	–	b	b	b.cpx
City (Bunhill Row)	*	*	7.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	62	89	8.3	53	33	29	0.03	bc	bc	bcr.x.b
Camden Sq. (Brit. Rainfall)	*	85	7.5	53	32	30	0.05	–	–	*
Hampstead (Reservoir)	*	86	8.7	52	31	?	0.11	bc	bc	r.bx.b
Richmond Park	*	*	8.9							
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.)	909 Joules	23.4 Milliwatts.	46.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.09	45	39	37	bc	bcp	bcp	
Plymouth to 9 p.m.								
Darwen "								
Manchester "				*				
Birmingham "	0.07	49	39	35	r	b	bc	6.8
Oxford to 8 p.m.	*	52	42	36	od.b	bv	b.opbc	*
S. Kensington (Museum Grounds to 6 p.m.)	0.01	52	42	35	b.bc	bc	bcg	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

2nd & 3rd March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.40	12.5	5.30
	6.38	12.5	5.32
Greenwich	6.46	12.12	5.38
	6.44	12.12	5.40
Wick	7.8	12.24	5.41
	7.5	12.24	5.43
Valencia	7.28	12.53	6.18
	7.26	12.53	6.20

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° or a little higher in many parts of England, and the duration of bright sunshine was very large over the Kingdom generally, more than 8 hours at many stations, and more than 9 hours at some places in the east. Slight to moderate amounts of rain were experienced in most parts of the British Isles.

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 3rd March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.41	37	WSW	4	o	29.19	−.03	35	−5	SSW	4	bc	3	0.31	43	32	bc.oph	bc.ogs	opshq	*
	Stornoway	29.67	40	WNW	5	bcqp	29.53	−.04	39	+2	WNW	7	cpq	5	0.50	45	35	bcqp	bcqp	bc.cpq	?
	Castlebay (Barra Isd.)	29.80	43	W	5	cp	29.65	−.04	42	−1	W	5	r	5	0.24	46	40	bcq	cp	opr	3.6
	Glasgow	29.85	41	WSW	4	o	29.71	−.05	39	+4	W	4	o	*	0.27	45	35	pr.cs.bc	bc.cp.o	cpl.op	4.7
	Eskdalemuir ...	29.91	39	WSW	3	c	29.78	−.02	39	+7	WSW	5	op	*	0.06	43	32	os.c	o.c.bc.	o.cp.o	3.6
	Malin Head... ...	29.92	44	NW	6	c	29.77	−.05	43	+5	W	6	cq	6	0.18	46	38	bcqp	cqp	cmq	*
	Blacksod Point ...	30.09	46	WNW	4	c	30.01	−.02	44	+2	WNW	5	cpm	4	0.26	47	40	bcph	bcp	cpm	*
	Valencia	30.23	46	WNW	5	c	30.18	−.02	46	+1	W	6	c	5	0.08	49	42	cph	bcqp	cph	4.7
	Roche's Point ...	30.20	45	NW	3	bc	30.20	*	44	+5	NW	3	o	2	0.07	47	39	bcqp	bcqp	b.op	*
	Birr Castle	30.11	44	W	2	c	30.04	*	42	+7	W	3	c	*	0.06	47	35	cp	cp	c	5.3
	Donaghadee ..	29.97	44	WNW	3	bcm	29.86	−.02	40	+5	W	3	cm	3	0.01	47	34	c	bcmp	bc.cm	*
	Liverpool Obsy. ...	30.01	42	W	4	bc	29.91	−.02	42	+4	WSW	5	o	4	Trace	45	38	bcq	bcq	cq	4.5
	Holyhead	30.06	44	W	5	bcq	29.97	−.01	43	+4	W	6	cqq	5	Trace	47	38	bc.c.o	c.bc.c	b.bc.co	4.8
	Pembroke (St. Ann's Hd.)	30.13	45	W	4	bc	30.07	−.07	44	+3	WNW	5	cqq	5	—	46	40	bc	bc	bc	7.2
	Newquay	30.18	45	NW	7	bc	30.13	?	46	+4	NW	6	o	6	Trace	47	42	bcv	bcv	c	7.6
	Scilly (St. Mary's) ...	30.22	46	NW	6	cq	30.17	−.01	46	+2	NW	6	cq	6	0.02	49	42	cqp	cq	bcpq	7.2
	Jersey (St. Aubin) ...	30.19	44	WNW	3	c	30.15	*	45	+4	WNW	4	ogpm	4	0.03	49	40	bc	bc	c.opm	8.5
	Portland Bill ...	30.13	46	WNW	4	c	30.08	−.02	45	+4	WNW	4	c	3	0.02	48	40	bc	bcph	bc.c.	*
	Dungeness	30.05	41	NW	2	bc	30.02	−.02	37	+5	W	2	o	2	—	48	31	bc	c.bc	bcx.o	*
	Dover	30.06	39	WSW	1	bc	30.00	*	39	+3	W	3	c	2	Trace	47	34	b	b.bc.b	c	8.4
	Wick	29.59	34	WSW	4	bc	29.41	−.06	34	0	WSW	4	cpsq	3	0.10	44	34	c.bcp	bcpq	cpq	*
	Nairn	29.70	40	W	2	cq	29.53	*	35	−1	W	3	ou	3	0.41	43	34	p.bc	p.bc	rq	4.7
	Aberdeen	29.72	42	WSW	2	b	29.55	−.05	38	+5	WSW	3	b	2	—	49	32	b.bc	bc.b	b.bc	5.5
	Leith	29.82	42	W	3	bc	29.66	−.04	39	+2	WSW	4	o	*	Trace	48	36	c	ogp.c	c.op	*
	North Shields ...	29.87	41	W	3	c	29.76	−.02	41	+6	WSW	3	c	2	—	47	34	c	c	bc.c	6.2
	Spurn Head ...	29.93	44	WNW	4	c	29.83	−.02	41	+3	W	5	cq	4	—	47	39	c	c	bcm	7.3
	Yarmouth	29.98	42	W	2	cm	29.97	−.03	37	+3	WSW	1	c	1	—	51	32	bc	bcm	bc.c	7.6
	Clacton-on-Sea ...	30.03	42	WSW	2	c	29.97	−.03	38	+4	WSW	3	c	2	—	45	34	b.bc	bc.c	c.bc.c	6.7
	Nottingham... ...	30.02	43	WNW	4	c	29.92	*	40	+7	W	3	o	*	—	45	33	bc	c	bc	3.4
	Bath	30.11	45	W	1	c	30.05	*	42	+8	W	3	o	*	—	49	34	b.bc.c.o	o.c	o.c	6.8
	London (Kew Obsy.)...	30.07	44	W	2	o	30.02	−.04	38	+4	WSW	1	cm	*	Trace	47	34	bmx.bbc	bc.c.o.	o.bc.b.sm	7.7
ICELAND, FAEROE, &c.	Spitzbergen	29.10	21	SE	2	o	29.32	+.04	12	−7	—	o	c	*	*	21	10				
	Isafjord...	29.39	22	W	4	c	29.58	+.01	20	−1	—	o	s	*	*	*	*				
	Reykjavik	29.45	26	WNW	5	s	29.52	+.02	21	−4	—	o	b	*	*	*	*				
	Vestmanna	29.42	25	NW	5	s	29.50	−.01	23	−1	—	o	b	3	*	*	*				
	Seydisfjord	29.10	25	WNW	4	s	29.30	+.07	29	+2	N	3	s	*	*	*	*				
	Thorshavn	29.20	31	W	4	o	29.14	+.01	29	−8	NW	2	s	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.15	34	—	o	r	29.28	+.02	30	−2	?NNW	6	o	3	—	34	25				
	Bodö	29.21	38	SSW	4	r	29.19	−.01	36	−1	SE	1	b	1	0.08	38	36				
	Christiansund ...	29.27	40	—	o	o	29.10	−.01	36	−4	—	o	o	4	0.04	43	36				
	Skudesnaes	29.60	37	W	8	r	29.39	−.02	38	o	SW	4	c	4	0.39	43	34				
	Færder (X'iania Fjord)	29.63	37	SW	4	b	29.47	−.05	38	o	SW	6	bc	3	—	39	36				
	The Scaw (Skagen)...	29.72	35	W	3	b	29.60	−.04	37	o	SW	5	c	1	—	45	34				
	Blaavands Huk ...	29.84	39	WNW	1	b	29.73	−.03	40	+2	SW	4	m	3	—	41	36				
	Haparanda	29.25	32	SW	2	o	29.43	+.02	19	−13	SSW	2	b	*	0.08	34	16				
	Hernösand	29.48	35	S	2	b	29.45	−.03	31	−8	—	o	b	*	—	45	28				
	Stockholm	29.70	36	SW	2	b	29.66	−.01	32	−7	SSW	2	b	*	—	43	30				
	Wisby	29.78	35	SW	2	b	29.74	−.01	32	−6	W	2	o	*	—	41	32				
	Karlstad	29.69	36	W	4	bc	29.57	−.02	35	+1	SSW	6	o	*	—	43	30				
	St. Petersburg ...	29.77	33	SW	2	r	29.77	+.01	32	+3	SW	1	o	*	—	33	23				
CENTRAL EUROPE.	Berlin	29.88	41	W	1	bc	29.92	+.01	33	−8	W	2	o	*	—	45	32				
	Frankfurt	29.96	41	NW	1	m	30.06	+.02	34	−5	SW	1	m	*	—	48	34				
	Munich	29.95	35	W	2	r	29.97	+.01	33	−4	NW	3	s	*	?	39	32				
	Vienna	29.86	37	N	1	c	29.86	+.02	37	+6	WNW	2	r	*	Trace	46	34				
	Cuxhaven	29.90	40	W	2	b	29.83	−.02	33	−2	SSW	2	mx	o	—	43	30				
	The Helder	29.97	40	W	2	b	29.88	−.03	41	+1	SW	3	c	3	—	43	37				
	Brussels	30.06	34	SW	1	b	30.01	−.02	35	−2	SW	1		*	0.04	44	32				
FRANCE.	C. Gris Nez... ...	30.05	43	W	5	bc	30.02	−.02	41	+2	W	5	c	4	—	46	39				
	La Hève	30.11	44	NW	3	c	30.16	*	42	+1	WSW	3	o	4	0.04	50	39				
	Ushant...	30.27	46	NNW	5	c	30.27	*	47	0	NW	4	c	4	0.12	50	41				
	Brest (St. Mathieu) ...	30.28	48	NW	5	c	30.23	−.02	45	+1	NW	4	c	4	0.04	50	43				
	Rochefort (Ile d' Aix)	30.25	45	NW	4	bc	30.23	+.01	45	0	NW	4	bc	*	0.08	48	43				
	Biarritz	30.28	46	NW	4	bc	30.29	.00	41	−9	N	3	r	4	0.39	50	37				
	Paris	30.12	41	NNW	2	b	30.11	−.01	32	−6	S	2	bc	*	Trace	48	30				
	Belfort	30.07	32	WSW	5	f	30.14	*	28	−10	—	o	m	*	0.16	46	27				
	Lyons	30.13	39	NW	2	c	30.15	*	34	−7	NNW	2	o	*	—	46	33				
	Nice	29.75	47	—	o	c	29.74	−.02	37	−13	—	o	r	3	0.79	57	37				
	Perpignan	30.10	48	NW	3	bc	30.10	−.01	41	−6	NW	4	b	*	—	51	39				
	Sanguinaire	*	53	W	6	m	*	*	49	o	W	7	m	7	—	57	46				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.49	48	N	3	bc	30.52	.00	46	−2	NE	2	o	4	0.12	52	39				
	Madrid	30.24	47	NNW	4	bc	30.47	+.02	34	−4	—	o	b	*	—	50	32				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.08	57	NW	5	b	30.28	*	48	−3	NE	4	b	1	—	64	47				
	Rome	29.82	48	SW	1	c	29.71	+.05	50	+9	S	1	o	*	0.04	57	48				
	Azores (Horta, 8 a.m.)	30.47	*	S	5	o	30.49	+.02	56	−1	SSE	4	o	3	0.04	59	55				
	Madeira (Funchal) ...																				

GALES.

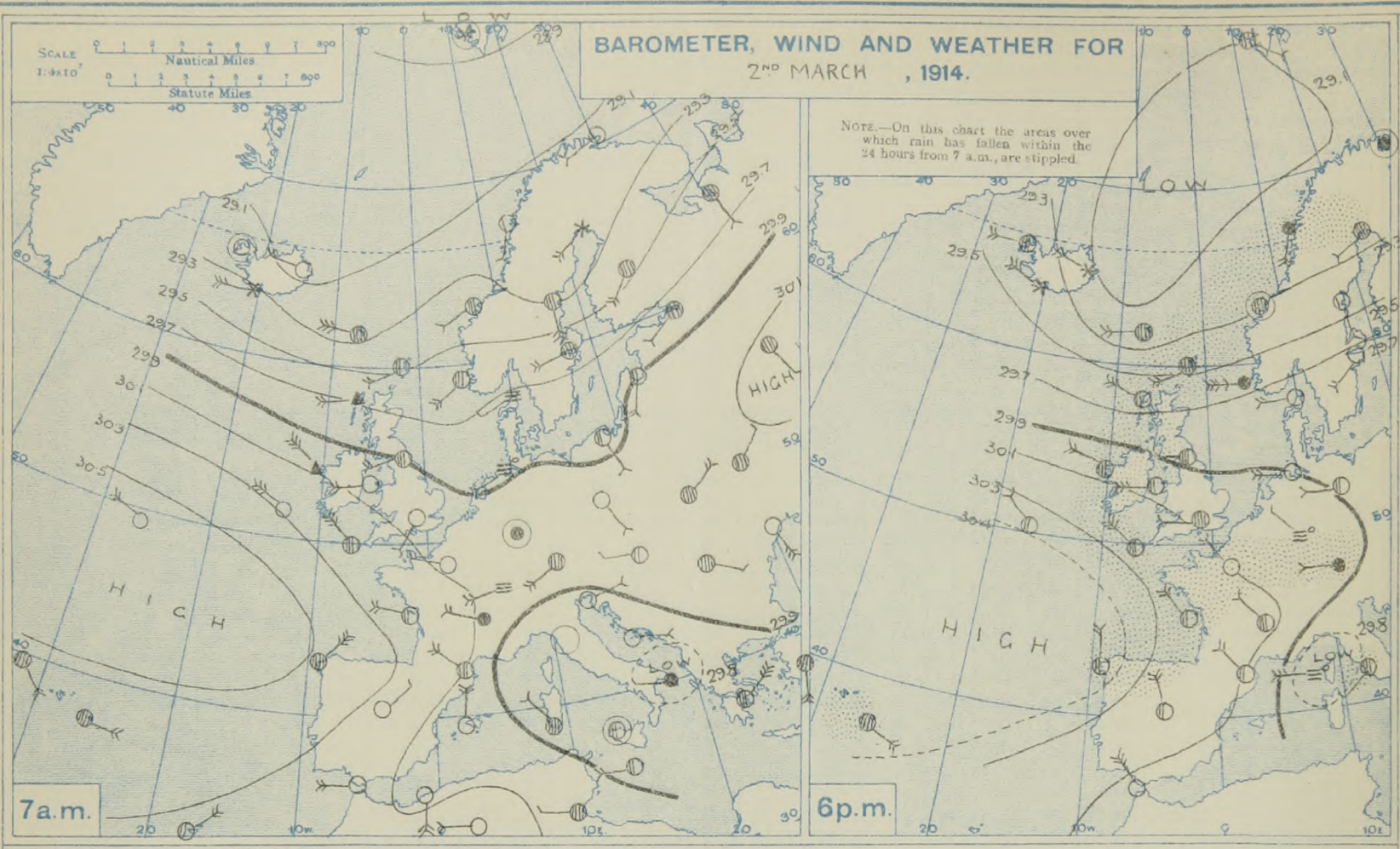
Duration and Extreme Force in British Islands.

Stornoway
Night, squalls force eight

Scilly
Noon gust 42mph.

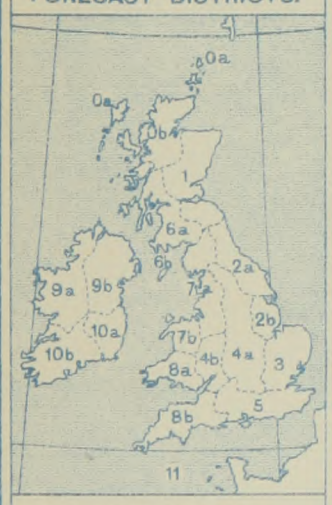
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

0 {a, b}, 1 — Wind Westerly to North-Westerly, fresh or strong at times; much cloud, some showers of rain, sleet or snow; rather low temperature.

2 {a, b}, 3, 4 {a, b}, 5 — Wind Westerly to North-Westerly, light or moderate generally, fresh at times locally; a good deal of cloud, some local showers, but mostly dry; temperature undergoing little change.

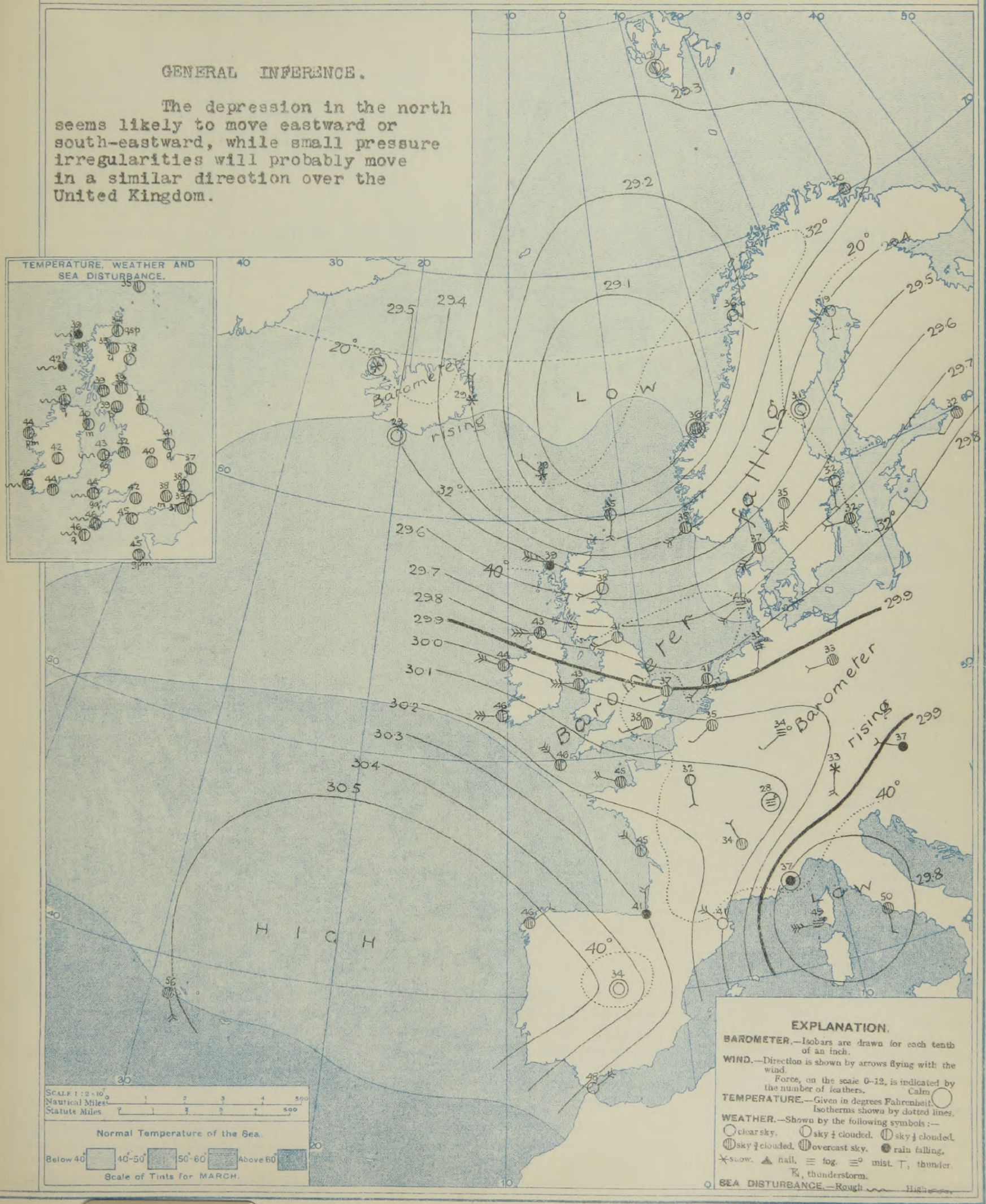
6 {a, b}, 7 {a, b} — Same as Nos. 0 and 1.

8 {a, b}, 9 {a, b}, 10 {a, b} — Westerly to North-Westerly winds, fresh or strong to moderate; changeable, some showers, hail locally; temperature moderately low.

Western Channel and Bay. 11 — North-Westerly winds, strong to moderate; sea rather rough; some showers locally, but mostly cloudy.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 3rd MARCH, 1914.



DAILY WEATHER REPORT. Tuesday, 3rd March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
2nd. 6pm	50	17	Hesperian	O	30.44	+.01	NW	6-7	bc.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.19	47	40	bcp	c	3.5
	St. Andrews	–	47	33	*	*	4.9
Eng., N.E.	Harrogate	–	44	32	c.bc	bc	4.4
	Scarborough	*	48	35	bc	bc	8.0
	Skegness	–	46	?	b	bc.o	6.2
Eng., N.W.	Morecambe	0.07	48	37	bc	bcp	2.1
	Blackpool	0.02	46	39	op.c	c	4.1
	Southport	0.10	46	38	b.bc	b.bc	5.0
Midlands.	Buxton	0.21	40	33	bcs	bc	2.6
	Leamington Spa	–	46	32	c	c.b	4.3
	Malvern	–	45	36	b.bc	c.bc	4.3
Wales.	Rhyl	0.03	45	37	bc	bc.c	8.1
	Colwyn Bay	0.08	45	32	bc	bc	6.5
	Llandudno	0.07	47	41	b	b	4.3
	Aberystwyth	–	46	41	o.c.b	bc.o	4.0
	Tenby	–	48	45	b	b	9.0
England, E.	Lowestoft	0.02	46	36	bc	c.bc.c	7.6
	Felixstowe	–	46	34	b.bcm	bc.cm	8.3
	Walton-on-Naze	–	46	33	b.bc	bc.c	8.3
	Southend-on-Sea	–	44	33	bc.b	b.bc.c	6.7

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	–	46	38	b	b	8.1
	Ramsgate	–	45	34	*	*	8.5
	Folkestone	–	47	34	b.o	o.b	6.5
	Hythe	–	46	32	b	b	7.3
	Littlestone	*	*	*	*	*	8.1
	Hastings	0.02	46	33	op.b	b.bc	8.9
	Bexhill-on-Sea	0.01	48	32	bc	bc.c	9.0
	Eastbourne	0.01	47	36	b.bc	b.bc	8.7
	Seaford	–	47	38	b	b	8.1
	Brighton	–	47	35	bc.c	c.bc.c	8.2
	Worthing	–	48	32	b	b	7.5
	Littlehampton	*	*	*	*	*	9.3
	Southsea	–	48	35	b	bcf	9.0
	Ryde	–	46	37	b	b	8.5
	Ventnor	0.01	51	35	*	*	9.1
	Bournemouth	–	48	32	b	bc	8.7
England, S.W.	Weymouth	–	48	36	b	b.bc	7.2
	Exmouth	0.03	50	36	bc.c	b	7.6
	Teignmouth	–	49	37	b	bcpdq	6.7
	Torquay	–	49	36	b	bc	7.7
	Paignton	0.04	50	36	b	bc	8.9
	Falmouth	0.05	49	39	bv	bv.c	7.9
	Bude	0.08	54	43	prh.bc	bc	7.4
	Ilfracombe	0.01	47	40	bc	bc	7.5
	Weston-super-Mare	–	46	37	b	bc.b.bc	5.2

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	58	85	3.6	47	36	29	–	bc	bc	bc.o
City (Bunhill Row)	*	*	5.4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	57	88	4.8	47	36	31	–	bc	bc	bc.om
Camden Sq. (Brit. Rainfall)	59	87	6.1	49	35	31	–	b	b.bc	*
Hampstead (Reservoir)	*	91	6.3	47	34	?	–	bc	bc	o
Richmond Park	*	*	7.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	66	91	5.8							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
708 Joules	18.1 Milliwatts.	49.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.03	47	34	32	bx.c	bc	bcp	*
Plymouth to 9 p.m.	0.01	49	37	31	bc	bc	bc	8.1
Darwen ,,	0.08	41	32	30	orh.c	ou.bc	ou.cp	1.9
Manchester ,,	0.08	45	35	*	c.orc	c	bc.c	2.7
Birmingham ,,	–	44	33	25	c	c	c.o	3.8
Oxford to 8 p.m.	*	47	31	24	c.bx	b.bc	bc.c	*
S. Kensington (Museum Grounds to 6 p.m.)	0.03	48	34	26	b.bcc	c.o	cg.o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

3rd & 4th March 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.38	12.5	5.32
	6.36	12.5	5.34
Greenwich	6.44	12.12	5.40
	6.42	12.12	5.42
Wick	7.5	12.24	5.43
	7.3	12.24	5.45
Valencia	7.26	12.53	6.20
	7.24	12.53	6.22

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 45° or above over the greater part of the Kingdom and touched or slightly exceeded 50° locally over the southern half of England. Much bright sunshine was recorded generally, but rain fell either during the day or night in Ireland, Scotland and a few parts of England; at Nairn the measurement was 0·4 in., and at Stornoway 0·5 in.

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, 4th March, 1914.

	STATIONS.	Yesterday Evening. Barom. M.S.L. Lat. 45°.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	This Morning 7 a.m., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.26	34	WSW	2	bc	29.30	−.01	36	+1	WNW	2	o	2	0.12	37	30	bc.os	cps	bcs	*
	Stornoway	29.56	40	NW	5	cq.prh	29.51	−.03	38	−1	W	2	o	2	0.27	43	35	cprhq	cphrq	c.odp	?
	Castlebay (Barra Isd.)	29.63	44	WNW	4	op	29.51	−.02	43	+1	WSW	1	o	2	0.30	45	41	Hr.op	op	o.c.o	0.0
	Glasgow	29.61	42	WNW	5	od	29.57	−.01	41	+2	WSW	1	oy	*	0.42	43	38	orsp	orspq	op.c.oy	0.0
	Eskdalemuir ...	29.66	40	W	6	cq	29.58	.00	40	+1	WSW	1	o	*	0.80	41	37	ors	oq.p	or.cq.bc	0.0
	Malin Head... ...	29.72	45	WNW	6	c	29.52	−.05	46	+3	W	3	o	3	0.29	46	43	bcq.p	cq.p	odm	*
	Blacksod Point ...	29.86	48	W	4	omr	29.61	−.05	49	+5	W	5	orm	4	0.62	49	42	omp	omr	orm	*
	Valencia	30.06	49	SW	5	om	29.79	−.06	51	+5	WSW	5	om	5	0.13	51	46	c.om	omr	orm	0.2
	Roche's Point ...	30.07	48	WNW	4	c	29.81	*	50	+6	WSW	3	o	3	0.03	50	43	op.cq	c.oq.p	op	*
	Birr Castle	29.93	46	W	2	r	29.69	*	49	+7	WSW	3	r	*	0.28	49	42	c	c.or	or	1.2
	Donaghadee ...	29.79	46	NW	4	c	29.58	−.02	47	+7	W	2	om	3	0.07	49	40	cmq	cq	cp.odm	*
	Liverpool Obsy. ...	29.82	45	WSW	6	bc	29.62	−.02	46	+4	WSW	5	oqe	5	0.01	48	42	cm	cmq	opq	0.0
	Holyhead	29.92	46	WSW	5	omg	29.68	−.03	48	+5	WSW	4	om	3	0.25	49	43	oqm	op.c.om	or.om	0.6
	Pembroke (St. Ann's Hd.)	29.92	47	W	5	c	29.77	−.02	48	+4	WSW	7	opqm	6	0.14	48	39	cqg	cq	cq	0.2
	Newquay	30.11	47	NW	6	o	29.89	−.06	49	+3	W	6	odf	5	0.09	49	46	o.c	bc.o	od.orq	1.4
	Scilly (St. Mary's) ...	30.16	48	WNW	6	ceg	29.94	−.04	49	+3	W	6	orm	6	0.03	51	45	bcq.p	c	cp.opm	2.9
	Jersey (St. Aubin) ...	30.13	47	WNW	4	o	29.99	*	48	+3	W	6	ogme	4	0.18	50	42	c.oq.p	qp.c.o	c.opq	0.0
	Portland Bill ...	30.05	45	WNW	3	bc	29.84	−.04	46	+1	WSW	5	o	3	0.01	48	44	c	bc.c	bc.cp	*
	Dungeness	29.96	45	W	3	o	29.77	−.03	46	+9	WSW	5	ogr	5	0.21	49	37	o.c.o	o.c.o	c.cr	*
	Dover	29.94	45	WSW	4	bzg	29.74	*	46	+7	SW	5	od	4	0.10	47	39	b.bc	g	bc.c.od	0.9
	Wick	29.40	37	WNW	3	c	29.45	.00	34	*	WNW	2	c	3	0.20	41	32	cpsq	cpsq	cpsq	*
	Nairn	29.53	38	NW	4	ouq	29.50	*	39	+4	W	2	cg	2	0.30	40	34	bc.rs.c	cq.p	cpq	0.5
	Aberdeen	29.53	37	WNW	3	o	29.52	.00	38	o	WNW	3	o	2	0.17	42	36	c.op	or	o.bc.o	0.4
	Leith	29.58	44	WSW	4	r	29.52	.00	41	+2	WSW	2	c	*	0.06	47	39	or.o.c	c.od	o.c	*
	North Shields ...	29.64	43	W	5	c	29.58	−.02	43	+2	WSW	3	o	2	0.09	47	40	cr	c	cr.o	0.2
	Spurn Head ...	29.73	45	W	6	c	29.61	−.02	44	+3	WSW	3	or	4	0.06	45	38	cq	cq	cq	0.0
	Yarmouth	29.82	45	WSW	3	cm	29.62	−.03	43	+6	SW	2	or	1	0.01	48	35	o.bcm	bcm	o	1.3
	Clacton-on-Sea ...	29.89	45	W	4	og	29.70	−.05	44	+6	WSW	3	org	2	0.03	47	37	c	c.og	org	0.2
	Nottingham... ...	29.85	46	W	5	o	29.65	*	47	+7	W	3	ome	*	–	47	40	om	om	o	0.0
	Bath	30.01	46	W	2	o	29.79	*	48	+6	W	6	r	*	0.02	49	41	op	op	orq	0.0
	London (Kew Obsy.)...	29.95	45	W	2	o	29.74	−.02	47	+9	W	2	o	*	0.05	47	38	orm.o	o	or.o	0.0
ICELAND, FAEROE, &c.	Spitzbergen	29.43	17	SE	3	bc	29.54	+.04	21	+9	ENE	5	s	*	*	21	12				
	Isafjord...	29.55	19	W	1	o	29.62	+.04	21	+1	N	9	o	*	*	*	*				
	Reykjavik	29.49	26	E	2	c	29.47	−.01	13	−8	–	o	b	*	*	*	*				
	Vestmanna	29.46	29	–	o	b	29.40	−.01	24	+1	N	1	b		*	*	*				
	Seydisfjord	29.44	28	N	2	s	29.42	−.03	25	−4	–	o	o	*	*	*	*				
	Thorshavn	29.28	34	WNW	3	bc	29.27	−.03	33	+4	NW	2	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.41	27	SW	6	bc	29.17	.00	33	+3	SSW	2	o	2	–	30	27				
	Bodö	29.21	33	E	4	c	29.20	−.01	33	−3	E	3	b	2	–	36	32				
	Christiansund ...	29.20	36	–	o	b	29.10	−.02	36	o	NW	2	c	4	–	39	32				
	Skudesnaes	29.25	36	W	6	o	29.33	+.02	33	−5	–	o	c	4	?	39	28				
	Færder (X'lania Fjord)	29.26	37	SSW	6	o	29.28	+.03	33	−5	W	2	b	2	–	38	32				
	The Scaw (Skagen)...	29.40	39	WSW	7	s	29.34	+.02	34	−3	WSW	1	b	0	0.08	39	32				
	Blaavands Huk ...	29.52	40	SW	4	o	29.49	.00	39	−1	W	3	bc	2	0.04	41	36				
	Haparanda	29.48	32	S	4	c	29.50	+.01	30	+11	S	2	f	*	–	34	18				
	Hernösand	29.41	34	S	4	o	29.30	−.04	30	−1	SE	4	s	*	–	37	28				
	Stockholm	29.56	33	S	2	b	29.36	−.04	36	+4	SSE	4	o	*	–	39	30				
	Wisby	29.67	34	SW	4	b	29.47	−.06	37	+5	S	4	c	*	–	37	32				
	Karlstad	29.44	35	SW	4	o	29.27	−.04	33	−2	WSW	2	b	*	0.04	37	32				
	St. Petersburg ...	29.82	31	S	2	o	29.78	−.01	28	−4	S	1	s	*	–	32	27				
CENTRAL EUROPE.	Berlin	29.87	37	SW	3	bc	29.69	−.04	36	+3	S	3	c	*	Trace	46	33				
	Frankfurt	30.00	39	SW	3	c	29.86	−.03	37	+3	SW	6	m	*	0.04	45	34				
	Munich	30.10	30	W	3	c	30.04	−.01	29	−4	SW	5	c	*	0.08	36	27				
	Vienna	29.97	37	WNW	2	bc	29.97	+.01	34	−3	W	3	b	*	–	39	32				
	Cuxhaven	29.71	42	SW	3	o	29.56	.00	39	+6	W	3	o	o	0.20	43	33				
	The Helder	29.79	42	SW	4	o	29.65	−.01	43	+2	WSW	3	c	4	0.04	43	41				
	Brussels	29.93	40	WSW	1	o	29.80	−.06	41	+6	SW	4	r	*	0.08	45	35				
FRANCE.	C. Gris Nez... ...	29.95	45	WSW	5	o	29.76	−.06	46	+5	WSW	6	r	5	0.28	46	41				
	La Hève	30.06	44	WSW	4	o	29.94	*	45	+3	WSW	4	r	5	0.28	46	41				
	Ushant...	30.24	50	NW	5	o	30.08	*	52	+5	W	6	o	7	0.04	52	43				
	Brest (St. Mathieu) ...	30.24	48	NW	4	c	30.10	−.01	50	+5	W	4	o	3	0.12	50	45				
	Rochefort (Ile d' Aix)	30.21	48	NW	5	c	30.21	−.01	47	+2	WNW	4	r	*	0.12	50	45				
	Biarritz	30.32	50	NW	4	c	30.32	.00	50	+9	NW	4	o	4	0.71	50	41				
	Paris	30.06	42	WSW	2	o	29.98	−.04	42	+10	SW	3	r	*	0.04	48	32				
	Belfort	30.17	33	WSW	4	m	30.03	*	?41	+13	WSW	2	s	*	0.04	41	28				
	Lyons	30.16	38	NW	2	c	30.19	*	37	+3	E	1	f	*	0.04	45	34				
	Nice	29.81	41	–	o	bc	29.94	+.08	42	+5	–	o	c	3	–	48	36				
	Perpignan	30.12	46	NW	3	o	30.18	+.01	48	+7	NW	5	c	*	0.08	51	41				
	Sanguinaire	*	49	W	2	r	*	*	49	o	E	3	o	6	0.04	54	46				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.51	51	WNW	3	o	30.52	.00	48	+2	W	3	o	4	–	52	41				
	Madrid...	30.37	48	NW	2	bc	30.49	+.02	37	+3	–	o	b	*	–	50	30				
	Lisbon (9 a.m.) ...	30.49	49	NNW	4	b	30.49	+.01	49	+3	N	4	b	5	–	55	46				
	Gibraltar	30.39	51	E	3	b	30.38	*	44	−4	E	3	b	1	–	59	43				
	Rome	29.78	48	SW	1	o	29.63	+.01	41	−9	WSW	2	c	*	0.04	54	41				
	Azores (Horta, 8 a.m.)	30.49	*	S	5	b	30.50	−.02	58	+2	S	4	o	3	0.04	59	56				
	Madeira (Funchal) ...																				

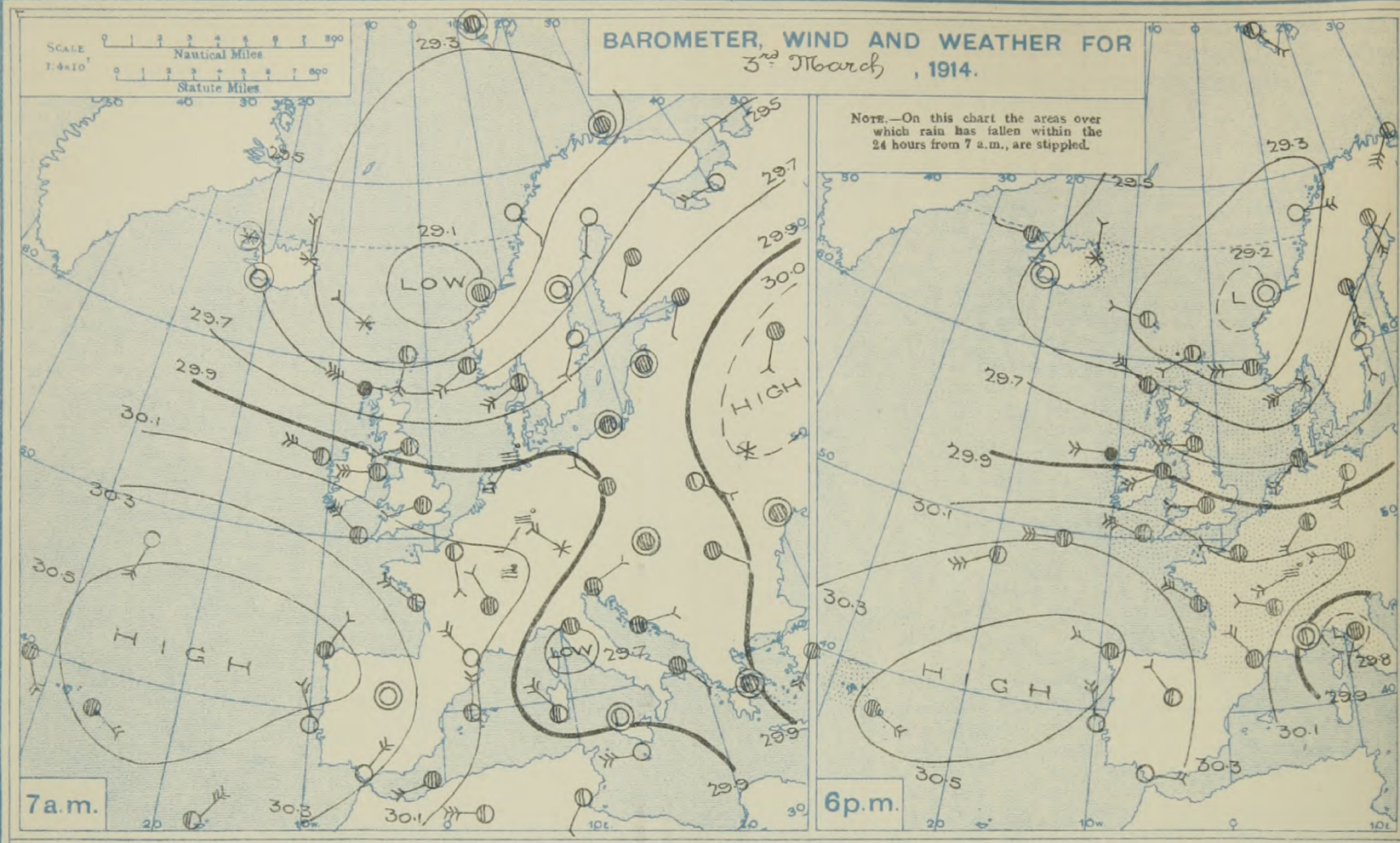
GALES.

Duration and Extreme Force in British Islands.

Bath 6am. W 8.

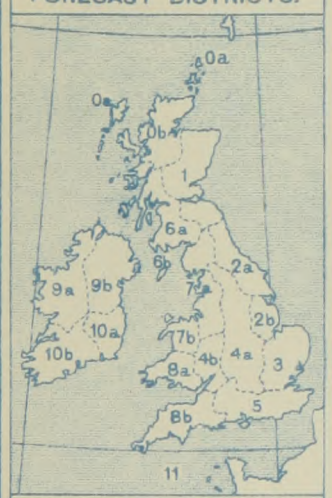
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

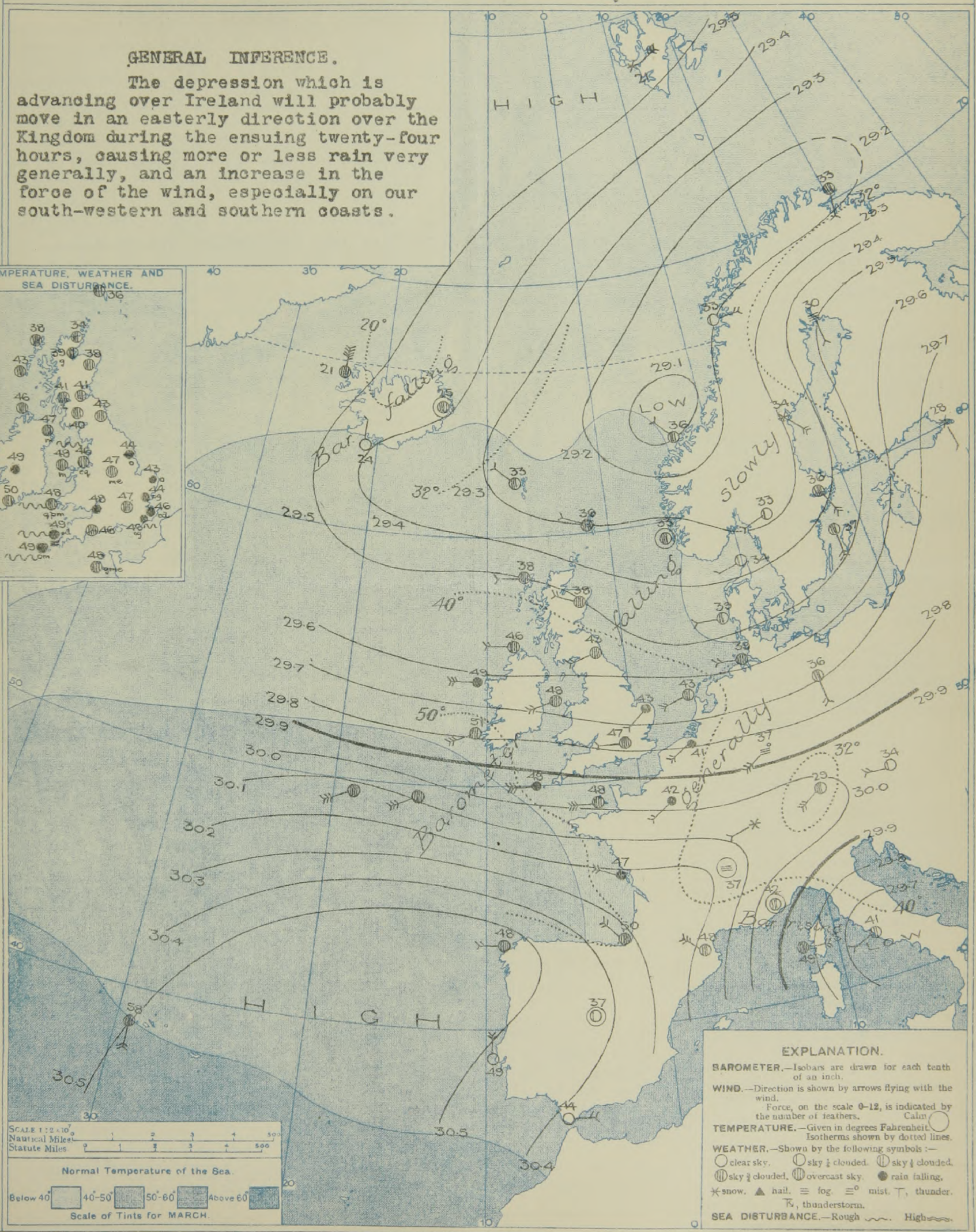
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b, 1	Wind mainly Westerly, light or moderate; cloudy or dull generally, some mist and rain; moderate temperature.
2 a, b, 3	Wind between West and South-West, light to moderate or fresh; much cloud, some rain; moderately mild.
4 a, b, 5	Wind Westerly or South-Westerly, moderate to fresh or strong, high at times on the Channel; cloudy or overcast, some rain; rather mild.
6 a, b	Same as Nos. 0 and 1.
7 a, b	Same as Nos. 3 and 4.
8 a, b	Same as No. 5.
9 a, b	Same as Nos. 3 and 4.
10 a, b	South-Westerly to North-Westerly winds, moderate to strong; some rain and mild, then fairer and rather colder.
Western Channel and Bay. 11	Westerly winds, moderate to high; sea rough; much cloud, some rain and mist.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 4th MARCH, 1914.



DAILY WEATHER REPORT.

Wednesday, 4th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
4th. 7am.	49	18	Finland	O	30.14	.00	WSW	6-7	o
" "	49	13	Lapland	H	30.01	-.08	WSW	6-7	o
3rd 6pm	48	19	Lapland	H	30.32	-.05	WSW	6-7	c
3rd. 6pm	49	13	Finland.	O	30.35	-.02	W	6-7	o
" 7am.	47	24	Lapland.	H	30.42	-.03	SSW	4-5	b

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.88	45	39	rq	r. p	0.0
Scotland.	St. Andrews				*	*	
Eng. N.E.	Harrogate	0.01	44	36	o	c.opq	0.0
Eng. N.E.	Scarborough	*	48	36	of	of	0.7
Eng. N.E.	Skegness	–	46	?	g	cg	0.0
Eng. N.W.	Morecambe	0.04	46	39	o	o	0.0
Eng. N.W.	Blackpool	–	45	43	o	o	0.0
Eng. N.W.	Southport	–	45	40	o	o	0.0
Midlands.	Buxton	0.04	41	37	c	cr	0.0
Midlands.	Leamington Spa	–	47	35	c.b.o	o	0.0
Midlands.	Malvern	–	47	41	c	c	0.0
Wales.	Rhyl	–	47	40	c.o.c	c	0.3
Wales.	Colwyn Bay	–	46	42	o	o	0.0
Wales.	Llandudno	–	47	44	o	o	0.0
Wales.	Aberystwyth	–	47	42	o	o	0.2
Wales.	Tenby	–	49	46	o	o	0.5
England. E.	Lowestoft	–	48	34	o.c	c.o	1.0
England. E.	Felixstowe	–	47	36	m.o.c	cm.oq	0.3
England. E.	Walton-on-Naze	–	47	35	o.c	o.c	0.2
England. E.	Southend-on-Sea	–	44	35	o	o	0.0
England. S.E.	Margate	–	47	35	c	c	0.0
England. S.E.	Ramsgate	–	47	33	*	*	0.2
England. S.E.	Folkestone	–	48	34	o.b	o	0.0
England. S.E.	Hythe	–	48	30	o	o	0.6
England. S.E.	Littlestone	*	*	*	*	*	0.6
England. S.E.	Hastings	–	48	35	o.c	o	0.1
England. S.E.	Bexhill-on-Sea	–	49	35	o	c.o	0.1
England. S.E.	Eastbourne	–	48	38	o.bc	o	0.2
England. S.E.	Seaford	–	47	41	bc	bc	0.2
England. S.E.	Brighton	–	49	37	o.c.o	o	0.2
England. S.E.	Worthing	–	49	35	bc.o	o	0.0
England. S.E.	Littlehampton	–	*	*	*	*	0.1
England. S.E.	Southsea	–	49	38	o.bc	bc	0.3
England. S.E.	Ryde	–	48	40	o	o	0.0
England. S.E.	Ventnor	–	48	39	*	*	0.3
England. S.E.	Bournemouth	–	49	36	o	o	0.0
England. S.W.	Weymouth	–	49	39	c	c	0.0
England. S.W.	Exmouth						
England. S.W.	Teignmouth	0.03	50	39	c	cpq	0.6
England. S.W.	Torquay	0.03	58	38	c.o	c.o	0.4
England. S.W.	Paignton	0.05	51	37	op	bcp	0.8
England. S.W.	Falmouth	0.09	50	39	o.c.b	bc	3.9
England. S.W.	Bude	0.02	50	43	c	o	0.7
England. S.W.	Ilfracombe	–	47	44	o	o	0.0
England. S.W.	Weston-super-Mare	–	47	39	c.bc	cp.c	0.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	68	85	0.0	49	41	38	0.14	o	o	or.o
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	70	90	0.0	50	41	39	0.06	bc	o	om.o
Camden Sq. (Brit. Rainfall)	68	86	0.0	50	41	38	0.08	o	o	*
Hampstead (Reservoir)	*	92	0.0	47	39	?	0.07	o	o	or.o
Richmond Park	*	*	0.0							
Kew. (See front page.)										

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Stations.	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	407 Joules	103 Milliwatts.	280 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.01	49	40	39	bc.o	o.c	cp.o	*
Plymouth to 9 p.m.	0.09	49	42	37	or	op	c.bv	0.3
Darwen "	0.04	42	38	36	our	oru	oru	0.0
Manchester "	0.01	46	42	*	c.o	o	o.or	0.0
Birmingham "	–	46	37	31	*	o	o	0.0
Oxford to 8 p.m.	*	47	36	28	b.o	o.c.o	c.o	*
S. Kensington (Museum Grounds to 6 p.m.)	–	48	36	28	o	o	oz.o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

4th. & 5th. Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.36 / 6.36	12.5 / 12.5	5.34 / 5.36
Greenwich	6.42 / 6.40	12.12 / 12.12	5.42 / 5.44
Wick	7.3 / 7.0	12.24 / 12.24	5.45 / 5.48
Valencia	7.24 / 7.22	12.53 / 12.53	6.22 / 6.24

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 50° on the extreme south-west coasts, but remained as low as 40° at Nairn. Rain has fallen at almost all stations, the quantity being heavy in some parts of Ireland and Scotland. Scarcely any bright sunshine was recorded over the Kingdom generally, but at Falmouth the figure was 3·9 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 5th March 1914.

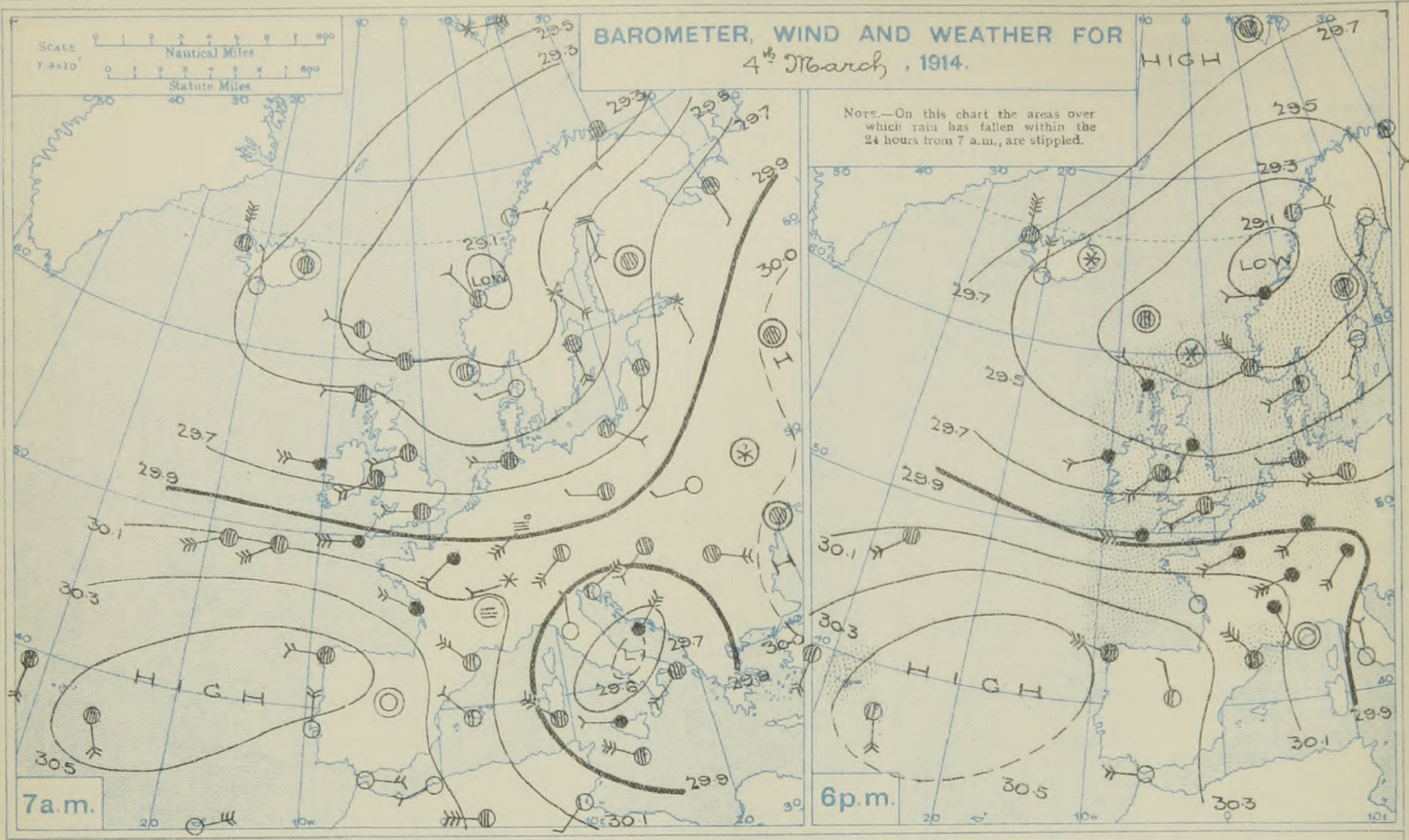
	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M. G.M.T. Barometer. M.S.L. Lat. 45°	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.24	34	–	0	s	29.23	+.03	34	−2	WNW	3	bc	2	0.33	40	32	bc	bc.o	bopsx	*
	Stornoway	29.38	41	NW	2	or	29.45	−.01	36	−2	W	2	o	2	0.16	43	35	op	or	c.odp	?
	Castlebay (Barra Isd.)	29.42	44	WNW	3	op	29.46	−.03	44	+1	WSW	3	o	3	0.11	47	40	od	d.op	op.bc.o	0.2
	Glasgow	29.39	47	WSW	3	om	29.52	+.03	39	−2	W	3	o	*	0.07	47	38	o	odp.om	odp.o	0.0
	Eskdalemuir ...	29.46	48	SW	5	or	29.57	+.06	38	−2	W	2	o	*	0.20	48	38	odm	odm	odm.or	0.0
	Malin Head... ...	29.45	47	W	4	m	29.56	−.01	39	−7	W	3	r	3	0.20	50	38	omd	omd	odm	*
	Blacksod Point ...	29.59	49	WSW	3	omd	29.52	−.14	47	−2	SW	3	odm	3	0.17	51	44	omd	omd	odm	*
	Valencia	29.71	50	WSW	4	om	29.73	−.06	48	−3	SW	4	om	4	0.07	52	47	omp.c	omd	odm	0.0
	Roche's Point ...	29.71	52	W	3	c	29.75	*	48	−2	W	3	o	3	0.01	55	47	og	eg	c.o.	*
	Birr Castle	29.61	51	WSW	2	c	29.65	*	45	−4	WSW	2	r	*	0.11	52	45	or.c	c	c.or	0.0
	Donaghadee ...	29.50	52	W	3	c	29.60	+.03	43	−4	W	3	c	3	0.04	53	43	ompd	c	c.omp.c	*
	Liverpool Obsy. ...	29.56	51	WSW	5	o	29.63	+.03	45	−1	W	4	o	3	0.05	52	44	od	odq	oq	0.0
	Holyhead	29.60	49	SW	4	oz	29.66	−.01	46	−2	W	4	om	3	0.01	50	46	or.ocm	c.o.c.o	op.c.om	0.1
	Pembroke (St. Ann's Hd.)	29.70	47	W	6	o	29.73	+.01	47	−1	W	4	c	4	0.03	48	46	opmq	fq	odm	0.0
	Newquay	29.80	49	SW	5	odf	29.81	+.01	47	−2	NW	5	om	4	0.08	50	46	odf	odf	odf.om	0.0
	Scilly (St. Mary's) ...	29.83	50	W	6	omd	29.87	+.01	48	−1	WNW	5	odm	6	0.04	51	46	omp	omd	fe.odm	0.0
	Jersey (St. Aubin) ...	29.93	49	WSW	6	ogqme	29.89	*	48	0	W	4	odm	4	0.05	51	47	ogmqp	ogme.g	oq.odm	0.0
	Portland Bill ...	29.80	49	WSW	5	c	29.79	+.02	48	+2	WSW	4	o	3	0.01	49	46	or	o	c.o	*
	Dungeness	29.74	47	WSW	4	oz	29.71	.00	47	+1	WSW	4	c	4	Trace	48	?45	op.c	op.c	q.c	*
	Dover	29.72	49	SW	4	c	29.69	*	48	+2	W	3	bc	3	0.02	54	46	op.c	o.c	c.bc.c	0.0
	Wick	29.30	40	S	2	c	29.38	+.04	34	0	SW	2	cps	2	0.16	43	32	c.bc.om	cmqpd	op.cp.s	*
	Nairn	29.33	41	W	1	og	29.43	*	36	−3	W	1	bc	2	0.02	44	34	oe	cp	bop	0.0
	Aberdeen	29.36	42	SSW	2	r	29.44	+.02	37	−1	W	2	b	2	0.12	45	36	o	or	or.o.b	0.0
	Leith	29.36	50	WSW	3	o	29.48	+.03	40	−1	W	2	o	*	0.06	50	40	o	or	o.	*
	North Shields ..	29.43	49	SW	2	r	29.52	+.04	42	−1	W	3	c	2	0.03	52	42	or	g	r.o.c	
	Spurn Head ...	29.53	49	WSW	4	c	29.53	+.02	46	+2	W	4	o	4	0.02	49	39	fd	or.c.	bc	0.1
	Yarmouth	29.61	51	W	2	o	29.58	.00	50	+7	W	3	o	1	0.08	52	42	omr	omr	o	0.0
	Clacton-on-Sea ...	29.66	51	WSW	3	c	29.65	+.01	45	+1	W	3	o	2	0.03	53	43	ogr.o	o.c	c.o	0.0
	Nottingham... ...	29.59	53	W	5	o	29.62	*	47	0	WNW	4	cpm	*	0.02	55	46	opm	o.cm	o	0.1
	Bath	29.74	50	W	3	r	29.74	*	48	0	W	3	o	*	0.07	52	47	opd	opd	d.r.om	0.0
	London (Kew Obsy.)...	29.71	52	WSW	2	o	29.70	.00	49	+2	W	2	o	*	0.01	53	47	o.od	od.o	od.om.o	0.0
ICELAND, FAEROE, &c.	Spitzbergen	29.71	18	–	0	o	29.81	+.04	6	−15	–	0	b	*	*	21	1				
	Isafjord...	29.74	17	N	9	o	29.76	−.01	15	−6	N	9	o	*	*	*	*				
	Reykjavik	29.55	25	NNE	7	b	29.45	−.04	20	+7	NNE	8	b	*	*	*	*				
	Vestmanna	29.46	23	N	4	b	29.34	−.03	26	+2	NE	1	c	1	*	*	*				
	Seydisfjord	29.46	28	–	0	s	29.48	−.01	17	−8	SW	1	c	*	*	*	*				
	Thorshavn	29.23	31	–	0	c	29.30	.00	29	−4	NW	3	b	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.55	33	S	2	bc	29.63	.00	32	−1	–	0	o	o	–	39	23				
	Bodö	29.12	36	E	4	bc	29.06	−.02	33	0	E	4	b	2	–	37	32				
	Christiansund ...	29.10	35	W	2	r	29.01	−.03	33	−3	–	0	b	4	0.43	37	32				
	Skudesnaes	29.30	38	NW	6	o	29.08	+.02	34	+1	NNW	6	c	2	0.39	41	33				
	Færder (X'iania Fjord)	29.30	37	WSW	6	b	29.05	−.10	36	+3	S	2	o	2	–	37	38				
	The Scaw (Skagen)...	29.39	36	WSW	3	bc	29.08	−.12	35	+1	S	4	s	1	0.08	39	34				
	Blaavands Huk ...	29.51	41	W	2	o	29.21	−.07	41	+2	WNW	6	c	4	0.12	41	36				
	Haparanda	29.48	34	SSW	2	b	29.33	−.08	32	+2	S	2	bc	*	Trace	39	28				
	Hernösand	29.20	32	–	0	o	29.17	−.02	16	−14	NNW	2	b	*	0.12	39	14				
	Stockholm	29.38	32	SSW	2	b	29.28	−.06	30	−6	SSW	2	b	*	0.12	36	27				
	Wisby	29.48	34	SSW	2	b	29.33	−.08	32	−5	S	2	bc	*	Trace	39	28				
	Karlstad	29.34	33	–	0	b	29.14	−.06	34	+1	SE	2	s	*	–	43	30				
	St. Petersburg ...	29.74	31	S	2	o	29.64	−.04	29	+1	SSE	2	o	*	–	32	27				
CENTRAL EUROPE.	Berlin	29.65	41	W	3	c	29.42	−.07	43	+7	SW	3	o	*	0.20	43	36				
	Frankfurt	29.80	43	SW	4	r	29.41	−.01	49	+12	SW	7	o	*	0.08	45	37				
	Munich	29.96	35	SW	4	r	29.89	−.01	37	+8	SW	6	r	*	0.20	37	28				
	Vienna	29.84	40	W	1	bc	29.78	−.02	40	+6	W	4	r	*	0.04	45	37				
	Cuxhaven	29.58	41	W	1	o	29.27	−.06	44	+5	WSW	6	r	3	0.16	45	39				
	The Helder	29.62	43	SW	2	f	29.52	+.01	45	+2	WSW	4	r	4	0.16	46	43				
	Brussels	29.73	47	W	4	r	29.70	.00	47	+6	WNW	3	r	*	0.16	48	41				
FRANCE.	C. Gris Nez... ...	29.73	47	WSW	6	o	29.71	−.01	47	+1	WSW	7	o	6	0.12	48	46				
	La Hève	29.89	46	WSW	5	f	29.84	*	46	+1	WSW	4	o	4	0.28	46	41				
	Ushant...	29.96	50	W	6	f	29.92	*	50	−2	WNW	4	f	3	0.04	52	45				
	Brest (St. Mathieu) ...	29.99	49	WSW	5	f	29.95	+.01	48	−2	WNW	4	o	4	–	52	46				
	Rochefort (Ile d' Aix)													*							
	Biarritz	30.35	51	W	4	o	30.23	−.01	50	0	WSW	4	o	4	0.16	52	46				
	Paris	29.91	50	WSW	3	o	29.89	+.01	49	+7	SW	3	o	*	0.08	50	41				
	Belfort	30.02	37	WSW	6	r	29.95	*	43	+2	WSW	7	r	*	0.28	43	37				
	Lyons	30.19	41	SE	1	r	30.13	*	43	+6	SSW	1	r	*	0.20	46	37				
	Nice	29.96	45	–	0	b	29.96	+.01	47	+5	–	0	b	2	–	55	41				
	Perpignan	30.18	54	NW	6	o	30.18	−.01	52	+4	NW	3	c	*	0.04	57	48				
	Sanguinaire	*	51	N	4	m	*	*	49	0	E	3	m	6	–	54	43				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.48	50	WNW	6	o	30.32	.00	53	+5	WSW	3	o	6	0.47	54	45				
	Madrid	30.34	54	NNW	1	bc	30.38	+.02	39	+2	–	0	b	*	–	55	34				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.34	54	W	4	b	30.30	*	53	+9	NW	4	c	1	–	63	43				
	Rome	29.89	45	N	2	b	29.96	+.03	39	−2	NE	2	b	*	–	61	39				
	Azores (Horta, 8 a.m.)	30.51	*	SSW	4	c	30.47	−.01	57	−1	SSW	4	c	2	0.04	61	54				
	Madeira (Funchal) ...																				

GALES.

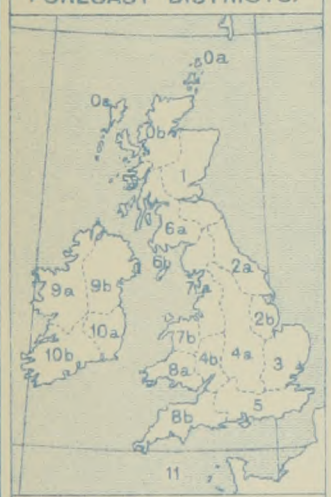
Duration and Extreme Force in British Islands.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.



STORM WARNINGS.

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

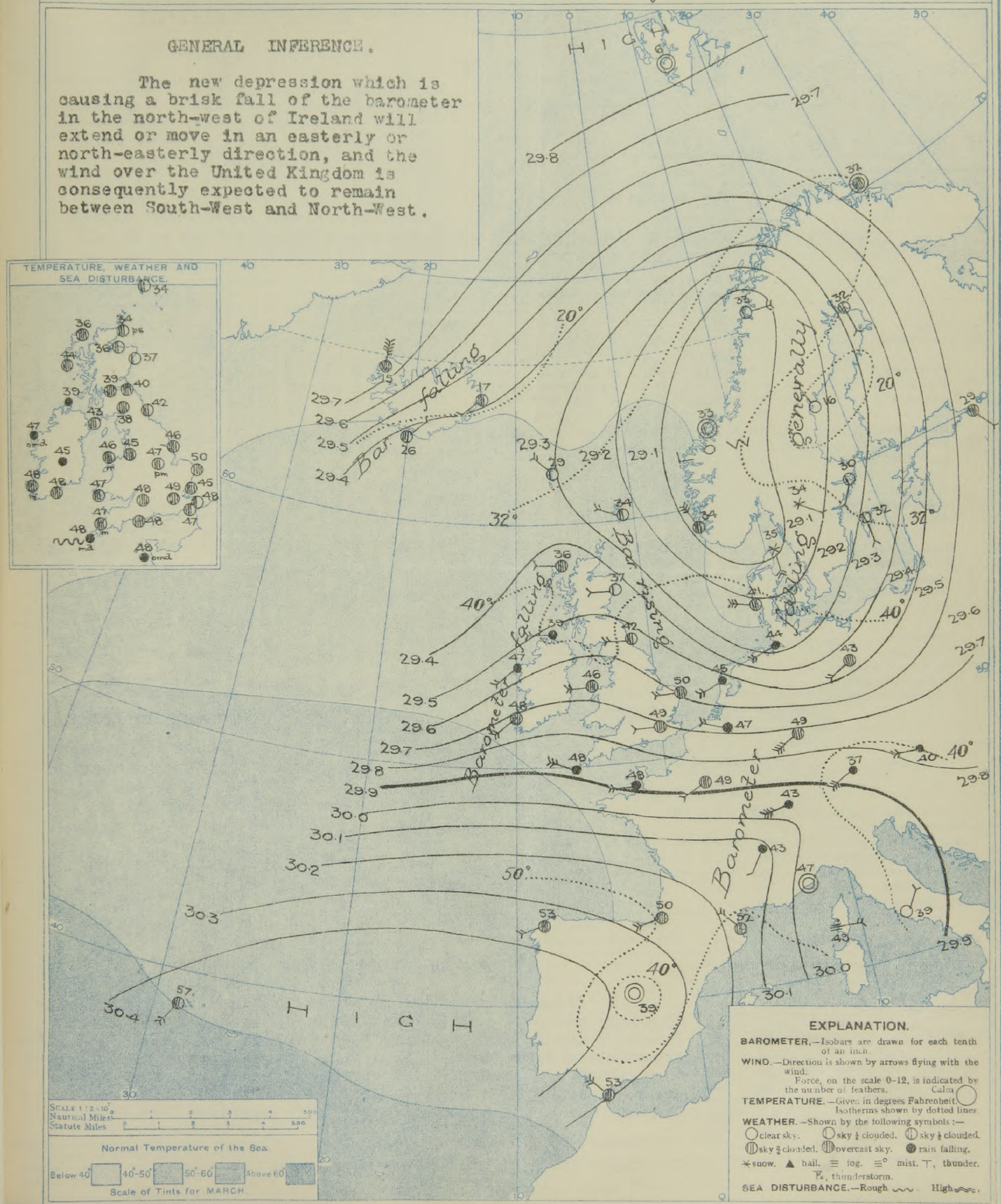
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b; 1	Wind between West and South-West, light or moderate, then increasing; fine; then cloudy or dull, with some rain; milder.
2 a, b; 3; 4 a, b; 5	Wind between West and South-West, light or moderate, freshening somewhat later; fair or cloudy to-day, some rain to-night or to-morrow; mild.
6 a, b; 7 a, b	Same as Nos. 0 and 1.
8 a, b	Westerly and South-Westerly winds, moderate to fresh or strong; changeable, some rain and mist; mild.
9 a, b; 10 a, b	South-Westerly to Westerly winds, moderate to fresh or strong; much cloud, some rain and mist; rather mild.
Western Channel and Bay. 11	Westerly and South-Westerly winds, moderate to strong; sea rather rough; cloudy or dull, some rain and mist.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 5th MARCH, 1914.



DAILY WEATHER REPORT. Thursday, 5th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	
5th 7am.	51 15	9 15	H.M.S.	O	29.83	−.02	WNW	4	o
	Dry bulb 49°		Wet bulb 48° Sea Temp. 50°. Sea Disturbance 3. Bar falling.						
4th 6pm	49 54	5 15	H.M.S	O	29.80	−	W	5	aqm
" "	Dry bulb 51°		Wet bulb 50° Sea Temp. 50° Sea Disturbance 4.						
" "	47	26	New York	H	30.12	−.03	SW	4–5	o

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban						
	St. Andrews	0.07	48	37	*	*	0.1
Eng., N.E.	Harrogate	0.02	50	42	op	op.c	0.0
	Scarborough	*	51	42	o.c	o.c	0.3
	Skegness	0.08	52	?	d	bc	0.1
Eng., N.W.	Morecambe	0.19	48	43	od	od	0.0
	Blackpool	0.11	47	44	o	or	0.0
	Southport	0.13	48	44	or	or.o	0.0
Midlands.	Buxton	0.61	48	39	cr	cr	0.0
	Leamington Spa	0.03	55	42	op	o	0.0
	Malvern	–	53	49	c	c	0.1
Wales.	Rhyl	0.13	54	43	r.o	or	0.0
	Colwyn Bay	0.26	53	45	p	bc.o	0.4
	Llandudno	0.33	51	47	or	o	0.6
	Aberystwyth	0.42	48	44	or.o	or	0.0
	Tenby	0.22	50	46	d	d	0.0
England, E.	Lowestoft	0.08	53	41	op	op	0.0
	Felixstowe	0.06	53	40	dm.o.c	cmx	0.2
	Walton-on-Naze	0.05	53	40	c.o	o.c.cg	0.2
	Southend-on-Sea	0.11	54	35	o	o.c	0.0

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.06	54	41	o.c	o.c	0.0
	Ramsgate	0.10	53	41	*	*	0.0
	Folkestone	0.14	52	41	or.o	o	0.0
	Hythe	0.18	52	37	c.or	o	0.0
	Littlestone	*	*	*	*	*	0.4
	Hastings	0.20	49	42	or	o	0.0
	Bexhill-on-Sea	0.23	49	43	o	o	0.0
	Eastbourne	0.19	49	43	o	or	0.0
	Seaford	0.19	47	42	r	c	0.0
	Brighton	0.07	49	42	o	o.c.o	0.2
	Worthing	0.05	50	43	o	o	0.2
	Littlehampton	0.01	*	*	*	*	0.0
	Southsea	0.06	53	42	or.c	o	0.0
	Ryde	–	52	45	o	o	0.3
	Ventnor	0.06	50	43	*	*	0.0
	Bournemouth	0.01	53	43	o	o	0.2
England, S.W.	Weymouth	0.03	50	45	o.c	cm	0.0
	Exmouth						
	Teignmouth	0.09	54	44	cp	c	0.0
	Torquay	0.05	53	44	c.o	o	0.0
	Paignton	0.08	53	45	o.od	o	0.0
	Falmouth	0.25	51	46	rq	dqe	0.0
	Bude	0.20	51	46	dm	dm	0.0
	Ilfracombe	0.24	50	46	od	odf	0.0
	Weston-super-Mare	0.20	49	40	rd	om	0.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	81	83	0.0	53	49	43	0.01	o	o	od.o
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	80	88	0.0	53	50	44	0.01	od	bc	or.o
Camden Sq. (Brit. Rainfall)	81	85	0.0	54	49	44	0.02	o	or	*
Hampstead (Reservoir)	*	91	0.0	51	47	?	0.01	o	od	od.o
Richmond Park	*	*	0.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	86	92	0.0							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
275 Joules	6.9 Milliwatts.	19.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.13	55	46	45	orq	odg	o	*
Plymouth to 9 p.m.	0.15	51	46	44	o	or	o	0.0
Darwen "	0.66	48	41	40	oru	oru	or	0.0
Manchester "	0.35	50	44	*	or.o	o.or	or.o	0.0
Birmingham "	0.07	52	43	39	o.or	r	o	0.0
Oxford to 8 p.m.	*	53	43	39	o.or	o.or	or.o.cq	*
S. Kensington (Museum Grounds to 6 p.m.)	0.07	53	44	39	o	od.o	o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

5th & 6th March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.34 / 6.32	12.5 / 12.5	5.36 / 5.38
Greenwich	6.40 / 6.38	12.12 / 12.12	5.44 / 5.46
Wick	7.0 / 6.57	12.24 / 12.24	5.48 / 5.50
Valencia	7.22 / 7.20	12.53 / 12.53	6.24 / 6.26

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 50° in many parts of the Kingdom, and over England and Ireland the night was mild. Scarcely any bright sunshine was recorded, and most localities experienced some rain. As a rule, however, the quantity was very slight. According to wireless reports a moderate to fresh or strong Westerly or South-Westerly breeze prevailed between the Irish coasts and the 25th 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 6th March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.18	35	WSW	2	c	28.58	−.12	37	+3	SW	3	or	4	0.75	39	30	bcps	bc	c.ohq	*
	Stornoway	29.03	39	SE	5	r	28.75	−.08	38	+2	W	8	cq	5	0.32	43	35	odqp	or	eprhq	?
	Castlebay (Barra Isd.)	29.02	48	WNW	5	oqp	28.90	−.11	42	−2	W	8	o	7	0.21	48	38	opg	oqp	opchq	0.0
	Glasgow	29.13	44	W	2	dm	29.05	−.07	37	−2	W	6	olsq	*	0.35	47	36	op	rhpdm	opchq	0.0
	Eskdalemuir ...	29.17	44	WSW	4	od	29.13	−.04	39	+1	WSW	5	oq	*	0.27	48	37	or.o	ogr	or.od	0.0
	Malin Head... ...	29.15	47	SSW	6	r	29.07	−.05	40	+1	WNW	9	o	8	0.17	48	38	omd	omr	ogq	*
	Blacksod Point ...	29.36	50	W	6	om	29.41	.00	44	−3	WNW	6	cpmq	4	0.24	51	41	omd	omd	ompq	*
	Valencia	29.58	52	WSW	5	omr	29.60	.00	50	+2	WSW	4	o	5	0.12	52	48	omp	omd	omd	0.0
	Roche's Point ...	29.56	53	W	4	o	29.55	*	50	+2	W	3	bc	3	0.05	53	48	opg	og	op.c.bc	*
	Birr Castle	29.43	52	SW	4	c	29.44	*	44	−1	W	5	c	*	0.15	53	44	or	or.c	cpq	0.0
	Donaghadee ...	29.21	52	WSW	5	cmqp	29.25	+.01	42	−1	NW	5	bcq	4	0.18	53	40	omr	omqp	cq.bcp	*
	Liverpool Obsy. ...	29.33	51	WSW	5	r	29.31	−.03	47	+2	WSW	6	bcq	5	0.19	53	44	or	orq	oq	0.0
	Holyhead	29.39	50	SSW	5	omg	29.39	+.01	47	+1	W	6	opgmq	6	0.16	51	45	c.omr	op.opm	opd.pd	0.0
	Pembroke (St. Ann's Hd.)	29.54	48	WSW	6	o	29.52	−.02	48	+1	WSW	5	cq	5	0.15	49	46	cro	odmq	omq	0.0
	Newquay	29.69	49	SW	6	odrfg	29.63	−.01	50	+3	SW	6	ofq	5	0.23	50	47	om	odrfq	odr.f	0.0
	Scilly (St. Mary's) ...	29.69	50	W	6	omd	29.67	−.01	50	+2	W	5	odm	6	0.07	51	46	omd	omd	odm.d	0.1
	Jersey (St. Aubin) ...	29.84	49	WSW	4	ogm	29.73	*	49	+1	WSW	5	omge	4	0.13	50	47	odpm	ome.om	opmq	0.0
	Portland Bill ...	29.66	47	WSW	6	o	29.55	−.01	49	+1	W	6	c	4	0.02	49	46	c.o	or	c.obcp	*
	Dungeness	29.57	47	SW	5	r	29.49	.00	47	0	SW	6	cq	6	0.12	49	46	c.o	or	pq.r.e	*
	Dover	29.53	47	SW	6	orq	29.47	*	47	−1	SW	5	oq	3	0.08	53	46	bc.c	c.or	or.o	0.7
	Wick	29.10	38	SSE	4	r	28.69	−.09	36	+2	WSW	6	cmps	5	0.18	40	32	cps.cm	cp.orm	cmqps	*
	Nairn	29.06	37	SW	1	dz	28.79	*	36	0	WNW	5	oci	4	0.22	43	33	og	r	spq	0.4
	Aberdeen	29.16	37	SSE	4	r	28.87	−.05	37	0	WSW	4	b	2	0.34	44	34	bc.o	ors.r	ors.b	0.5
	Leith	29.10	43	NNW	1	r	29.00	−.04	39	−1	WSW	5	c	*	0.16	50	38	og	or	od.opq	*
	North Shields ...	29.24	42	S	3	o	29.09	+.02	43	+1	WSW	7	c	2	0.13	47	41	c	or	r.o.c	0.2
	Spurn Head ...	29.32	46	SW	3	c	29.24	.00	46	0	W	5	cq	4	0.22	50	43	o	orm	cp	0.0
	Yarmouth	29.45	47	SW	2	omr	29.32	.00	50	0	SW	3	c	1	0.11	52	41	omr	omr	or.c	0.2
	Clacton-on-Sea ...	29.50	48	WSW	5	og	29.40	.00	49	+4	WSW	4	oq	3	0.05	52	43	o.c.o	ogpd	ogp.og	1.0
	Nottingham... ...	29.39	49	WSW	4	r	29.29	*	49	+2	W	6	o	*	0.12	53	46	c.orm	dr.m	o.c.b	0.0
	Bath	29.60	51	W	2	r	29.51	*	50	+2	W	6	o	*	0.09	53	47	m.op.r	r	orq	0.0
	London (Kew Obsy.)...	29.54	50	SW	3	or	29.45	−.01	49	0	W	3	o	*	0.07	53	49	o	o.or	or.oq.o	0.0
ICELAND, FAEROE, &c.	Spitzbergen	29.93	3	–	0	o	30.02	+.02	10	+4	SSE	1	o	*	*	10	−17				
	Isafjord...	29.73	19	N	9	s	29.92	+.06	20	+5	N	9	c	*	*	*	*				
	Reykjavik	29.43	27	NNE	7	o	29.67	+.04	27	+7	NNE	6	o	*	*	*	*				
	Vestmanna	29.25	28	N	7	o	29.53	+.03	30	+4	NE	7	bc	3	*	*	*				
	Seydisfjord	29.47	27	NNE	2	s	29.48	+.04	29	+12	NE	5	s	*	*	*	*				
	Thorshavn	29.15	31	NNW	1	bc	28.92	+.03	34	+5	NNE	4	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.59	30	SSE	4	o	29.63	+.02	30	−2	SSE	2	o	2	?	32	25				
	Bodö	29.16	31	E	2	b	29.21	+.01	32	−1	E	4	b	2	–	36	30				
	Christiansund ...	29.07	35	–	0	b	29.01	−.04	30	−3	SE	1	b	3	–	37	30				
	Skudesnaes	29.18	36	SSE	2	c	28.89	−.10	35	+1	SE	8	s	4	0.12	36	34				
	Færder (X'iania Fjord)	29.10	34	WSW	2	b	29.10	−.01	27	−9	NE	2	f	2	0.32	36	27				
	The Scaw (Skagen)...	29.14	37	NW	8	b	29.08	−.02	36	+1	S	1	c	0	0.16	41	32				
	Blaavands Huk ...	29.28	39	NW	4	o	29.08	−.08	36	−5	SSE	4	c	3	0.04	41	34				
	Haparanda	29.40	30	S	2	c	29.39	−.01	28	−4	SE	2	s	*	0.04	32	27				
	Hernösand	29.22	32	S	2	o	29.23	.00	31	+15	NNE	2	s	*	Trace	37	14				
	Stockholm	29.03	32	SSW	4	s	29.12	+.02	32	+2	N	2	s	*	0.16	36	30				
	Wisby	28.78	33	E	2	s	29.08	+.04	35	+3	N	4	o	*	0.35	37	32				
	Karlstad	29.08	32	–	0	bc	29.15	+.02	26	−8	–	0	o	*	0.12	34	21				
	St. Petersburg ...	29.50	29	SE	2	bc	29.24	−.08	24	−5	E	3	bc	*	–	25	19				
CENTRAL EUROPE.	Berlin	29.44	45	W	5	o	29.25	−.08	40	−3	S	2	o	*	0.16	50	39				
	Frankfurt	29.67	50	SW	5	r	29.50	.00	49	0	SW	5	o	*	0.39	54	48				
	Munich	29.80	45	SW	6	o	29.59	−.04	44	+7	SW	7	r	*	0.28	45	37				
	Vienna	29.66	49	W	5	c	29.49	−.06	50	+10	W	4	r	*	0.16	50	40				
	Cuxhaven	29.43	41	W	3	o	29.15	−.03	44	0	W	5	rq	2	0.08	45	39				
	The Helder	29.50	42	SW	1	r	29.28	+.01	46	+1	SW	4	c	4	0.35	46	41				
	Brussels	29.57	47	SW	6	r	29.49	.00	49	+2	WSW	5	o	*	0.67	49	46				
FRANCE.	C. Gris Nez... ...	29.61	46	SW	7	r	29.48	−.01	47	0	SW	6	o	7	0.83	48	46				
	La Hève	29.76	46	WSW	4	o	29.66	*	47	+1	W	6	f	6	0.12	48	43				
	Ushant...	29.84	52	W	4	f	29.84	*	52	+2	W	5	f	4	0.04	52	45				
	Brest (St. Mathieu) ...	29.91	49	WSW	5	m	29.85	+.02	51	+3	W	5	f	4	0.04	52	48				
	Rochefort (Ile d' Aix)	30.06	50	W	4	r	29.93	−.01	51	0	W	5	f	*	0.20	54	50				
	Biarritz	30.20	53	WSW	3	o	30.05	−.01	52	+2	SW	3	f	4	0.47	52	50				
	Paris	29.83	51	SW	4	o	29.63	−.01	51	+2	SW	3	o	*	0.04	55	49				
	Belfort	29.92	45	WSW	7	o	29.77	*	45	+2	WSW	7	r	*	0.43	46	43				
	Lyons	30.02	52	S	1	o	29.95	*	46	+3	S	3	r	*	0.08	57	43				
	Nice	29.93	46	–	0	b	29.78	−.04	45	−2	–	0	c	2	–	59	41				
	Perpignan	30.11	57	NW	3	bc	30.02	−.04	59	+7	NW	3	o	*	–	65	52				
	Sanguinaire	*	53	SW	1	m	*	*	49	0	W	5	m	6	–	57	43				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.32	57	WSW	3	o	30.32	.00	55	+2	WSW	3	o	3	0.04	59	50				
	Madrid...	30.25	55	NW	2	b	30.34	+.03	45	+6	–	0	b	*	–	59	39				
	Lisbon (9 a.m.) ...	30.41	54	NNW	3	b	30.39	+.02	55	+5	NNW	3	c	5	–	59	50				
	Gibraltar	2																			
	Rome	29.99	50	SW	1	bc	29.88	+.03	48	+9	–	0	b	*	–	57	39				
	Azores (Horta, 8 a.m.)	30.42	*	SSW	4	c	30.36	−.01	55	−2	SSW	4	o	2	0.04	63	55				
	Madeira (Funchal) ...																				

GALES.

Duration and Extreme Force in British Islands.

Stornoway
Night squalls W.S.W. 9.

Castlebay
11p.m.-7am W. 9.

Glasgow
3am-6am. W. 8.

Malin Head
10p.m.-7am W.N.W. 10 at 4am.

Donaghadee
7p.m. N.W. 8

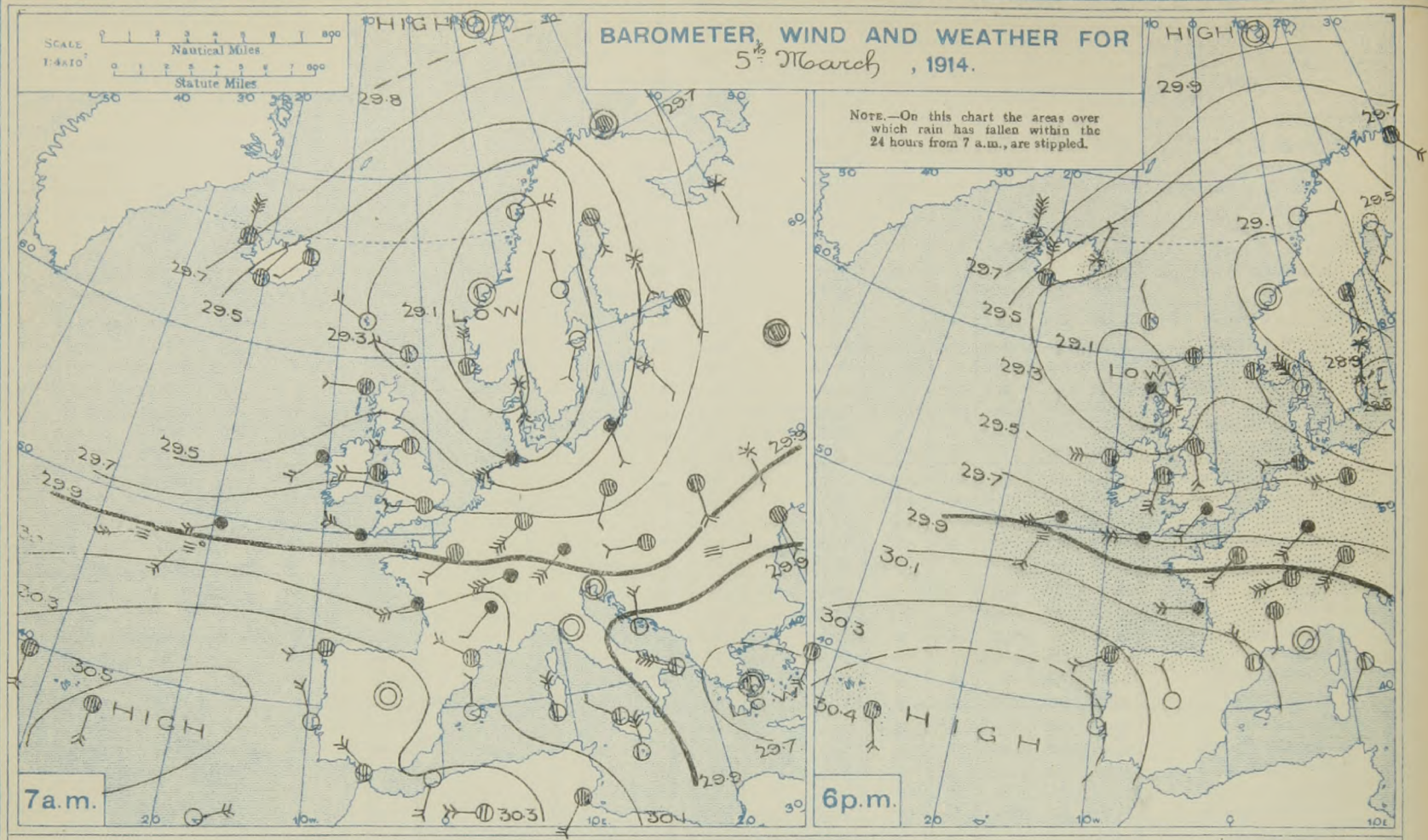
Liverpool
Between Midt and 7am. gust 65mph.

Dungeness
9p.m.-1am. S.W. 8.

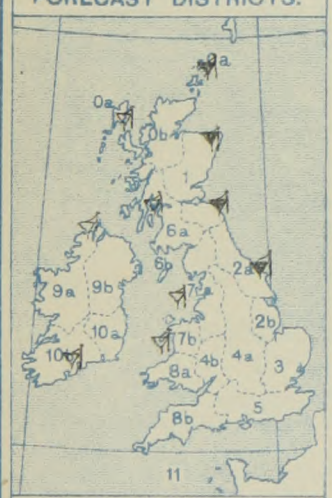
Hexham
3am-5am. gust 56 mph at 4am.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.



STORM WARNINGS.

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

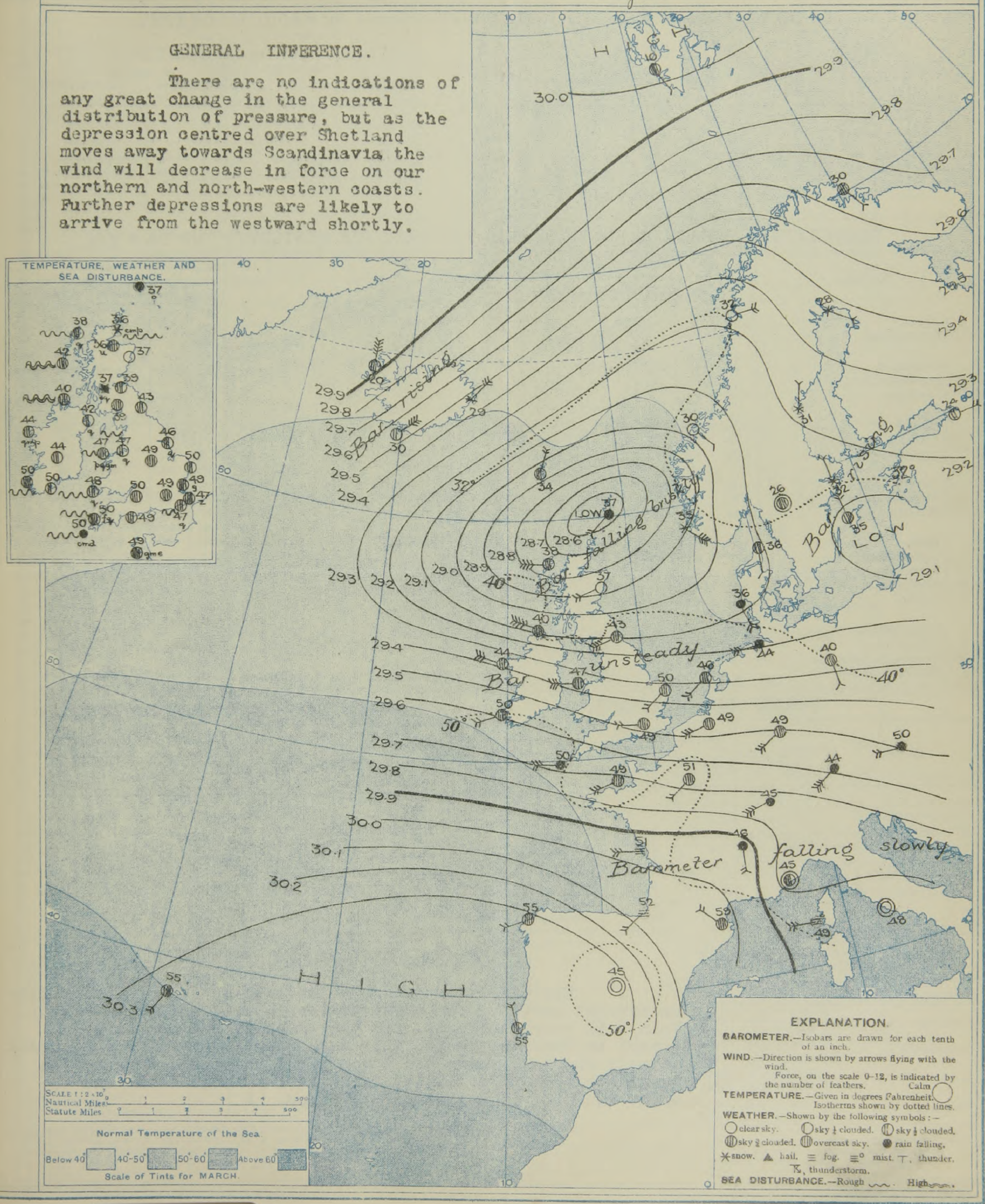
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

SOUTH CONE HOISTED IN DISTRICTS 0, 6, 7, 9, & 10 AT 11·10 A.M. YESTERDAY
IN DISTRICTS 0, 1 & 2 AT 8·10 A.M. TO-DAY

0 a, b; 1; 2 a, b	Wind mainly between West and North-West, strong to a gale, then moderating; variable weather, some showers and squalls of snow, sleet or rain; moderately cold.
3; 4 a, b; 5	Wind mainly Westerly, fresh or strong at times; changeable, some local showers, but mostly fair; mild, then rather colder.
6 a, b	Same as Nos. 0 to 2.
7 a, b; 8 a, b	Same as Nos. 3 to 5.
9 a, b	Same as Nos. 0 to 2.
10 a, b	Westerly to South-Westerly winds, moderate, fresh at times; changeable, some rain; rather mild.
Western Channel and Bay. 11	Westerly winds, fresh or strong to moderate; sea rather rough; much mist and fog, otherwise fair generally.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Friday, 6th MARCH, 1914.



DAILY WEATHER REPORT. Friday, 6th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
5th 6pm	49	15	New York	H	29.90	-04	SW	4-5	m
" "	50	14	Cedric	H	29.65	-03	WSW	6-7	r

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
5th 7am.	48	25	Finland	O	30.04	·00	WSW	6-7	m
" "	48	20	New York	H	30.02	-04	WSW	4-5	m
" "	49	19	Cedric	H	29.79	-·11	WSW	4-5	r

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.30	47	36	d.r	od	0.0
	St. Andrews				"	"	
Eng. N.E.	Harrogate	0.28	48	40	op.c	or	0.0
	Scarborough	"	47	41	o	or	0.0
	Skegness	0.16	52	?	o	r	0.0
Eng. N.W.	Morecambe	0.39	47	40	or	or	0.0
	Blackpool	0.35	48	42	o.or	orq	0.0
	Southport	0.36	48	43	or	or.o	0.0
Midlands.	Buxton	0.52	47	40	cr	crq	0.0
	Leamington Spa	0.07	?	47	op	op	0.0
	Malvern	0.02	52	48	c.o	o.c	0.0
Wales.	Rhyl	0.20	55	45	o.op	o.cp	0.0
	Colwyn Bay	0.15	55	45	p	p	0.0
	Llandudno	0.20	51	47	or	or	0.0
	Aberystwyth	0.33	48	46	or.o	or.r	0.0
	Tenby	-	49	42	or	r	0.0
England. E.	Lowestoft	0.08	51	46	c.op	or	0.1
	Felixstowe	0.02	52	46	cm.o	m.o	0.2
	Walton-on-Naze	0.01	53	46	c.o	cd.cr	0.8
	Southend-on-Sea	-	51	42	bc.c	o	0.3

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England. S.E.	Margate	0.02	54	48	op	op	0.0
	Ramsgate	?	54	?	"	"	0.0
	Folkestone	0.10	51	41	o	or	0.5
	Hythe	0.09	52	46	bc.o	r.bc.o	0.0
	Littlestone	"	"	"	"	"	0.7
	Hastings	0.11	51	46	o	or.o.c	0.0
	Bexhill-on-Sea	0.08	51	47	o	o	0.0
	Eastbourne	0.06	48	44	og.bc	orq	0.1
	Seaford	0.10	47	44	r.o	or	0.0
	Brighton	0.05	48	47	o	or.o	0.0
	Worthing	0.03	50	46	o	rq	0.0
	Littlehampton	0.05	"	"	"	"	0.0
	Southsea	0.06	52	47	o.or	o	0.0
	Ryde	0.06	51	47	o	o	0.0
	Ventnor	0.08	51	41	"	"	0.0
	Bournemouth	-	51	46	o	o	0.0
England. S.W.	Weymouth	0.01	50	48	oc	od	0.0
	Exmouth	0.02	53	48	bc.c	cpq	0.5
	Teignmouth	0.01	52	48	c	cpq	0.0
	Torquay	0.01	52	45	o	c.o	0.0
	Paignton	0.05	51	48	o	or	0.1
	Falmouth	0.13	50	47	o.c	orq	0.6
	Bude	0.22	50	46	dp	r.d	0.0
	Ilfracombe	0.24	50	47	odr	orm	0.0
	Weston-super-Mare	0.09	50	45	r.c.b	cr	0.3

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	87	70	0.0	53	49	42	0.04	o	op	op.c
City (Bunhill Row)	"	"	0.0	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	89	79	0.0	53	50	48	0.05	op.	op	r.bc
Camden Sq. (Brit. Rainfall)	88	74	0.0	52	49	43	0.09	o	od.or	"
Hampstead (Reservoir)	"	78	0.0	51	47	?	0.10	o	or	c.or.c
Richmond Park	"	"	0.0							
Kew, (See front page.)										
S. Kensington (Roof of M.O.)	94	81	0.0							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
228 Joules	5.7 Milliwatts.	14.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.16	53	45	44	op	orq	ogq	0.0
Plymouth to 9 p.m.	0.14	51	47	47	odq	or	orq	0.0
Darwen "	0.53	49	41	40	or	or	or	0.0
Manchester "	0.40	51	44	"	o.or.o	or	or	0.0
Birmingham "	0.14	50	47	45	"	r	o.rq	0.0
Oxford to 8 p.m.	"	51	47	43	o	o.c.o	o.or.o	"
S. Kensington (Museum Grounds to 6 p.m.)	0.05	53	50	45	o	o.od.o	od.or	"

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

6th. 7th March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.32	12.5	5.38
	6.29	12.4	5.39
Greenwich	6.38	12.12	5.46
	6.35	12.11	5.47
Wick	6.57	12.24	5.50
	6.54	12.23	5.52
Valencia	7.20	12.53	6.26
	7.17	12.52	6.28

NOTES ON YESTERDAY'S WEATHER.

The wind blew with the force of a gale or strong gale on several parts of our north-western coasts during the night. Rain fell very generally, but the quantity was not large except in Shetland. Scarcely any bright sunshine was recorded; at most stations there was none. The thermometer rose to a maximum of 50° or a little higher over a large area, and the night was mild in England and Ireland.

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 7th March, 1914.

	STATIONS.	Yesterday Evening: Barom. M.S.L. Lat. 45°.	Temp.	Wind: Direc.	Force 0-12.	Weather.	This Morning 7 a.m., G.M.T.: Barometer: M.S.L. Lat. 45°	Change in 3 hours.	Temp.: Dry Bulb.	Change in 24 hours.	Wind: Direc.	Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours: Rainfall.	Temp.: Max.	Min.	Weather: Morning.	Afternoon.	Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	28.94	36	WNW	5	org	29.11	+.04	34	-3	SW	8	bc	3	0.11	41	32	bcp	oqps	cs.b.bc	*
	Stornoway	29.24	40	NW	7	bcq	29.40	+.01	36	-2	NW	5	bc	5	0.19	44	35	bcq	bcphq	bcphql	?
	Castlebay (Barra Isd.)	29.33	43	WNW	4	chf	29.45	.00	39	-3	WNW	3	b	3	0.02	46	38	og.cp	chp	hp.c.b	5.8
	Glasgow	29.28	40	NW	4	b	29.46	+.02	36	-1	W	2	b	*	0.03	45	35	opbcq	bc.b	bl.bc	5.8
	Eskdalemuir	29.27	38	WNW	6	c	29.47	+.01	34	-5	W	4	b	*	0.13	44	32	oq	opp.bc	bcq.b	4.2
	Malin Head	29.38	44	NW	6	bc	29.48	.00	37	-3	SSW	2	c	3	0.12	45	37	bcq	bcqp	cph	*
	Blacksod Point	29.54	44	NW	3	omw	29.56	.00	43	-1	WSW	2	cm	2	0.02	47	40	cmpc	bcz.om	opm	*
	Valencia	29.63	45	–	0	m	29.62	+.01	48	-2	W	4	o	5	0.20	50	44	omr	omr	om	0.0
	Roche's Point	29.62	47	NNW	4	o	29.60	*	48	-2	WSW	3	bc	3	0.03	52	43	bc.c.oq	p.oq.c	o.b.bc	*
	Birr Castle	29.56	44	W	4	c	29.57	*	40	-4	SW	1	c	*	0.05	49	39	c	c	bc.cp	3.5
	Donaghadee	29.41	42	NW	4	bcq	29.53	+.01	37	-5	W	3	bcm	3	0.05	48	37	bcq	bcqp	bcm	*
	Liverpool Obsy.	29.42	44	WSW	6	bc	29.54	+.02	40	-7	WSW	3	o	3	Trace	47	40	bcq	bq	o	5.7
	Holyhead	29.51	46	W	6	cgq	29.59	-.02	42	-5	W	4	cg	5	Trace	48	42	o.c.op	c.bc.o.c	cp.o.cp	4.7
	Pembroke (St. Ann's Hd.)	29.60	46	W	2	c	29.55	-.03	47	-1	WSW	5	cpmq	5	0.09	50	44	c	cmq	c	1.5
	Newquay	29.62	50	WNW	5	odf	29.68	.00	50	0	W	4	om	4	0.13	51	49	odf	bc.odf	orf	0.2
	Scilly (St. Mary's)	29.68	51	WNW	6	omd	29.71	.00	50	0	WNW	6	cm	6	0.04	52	49	omd	omqd	odm.cm	0.0
	Jersey (St. Aubin)	29.72	51	WSW	5	ome	29.76	*	50	+1	WSW	5	odm	4	0.06	53	49	ogmpd	ome	me.odm	0.0
	Portland Bill	29.59	49	W	4	c	29.65	.00	48	-1	WSW	4	op	3	0.02	51	47	c	c	bc.cp	*
	Dungeness	29.47	52	W	6	bcq	29.64	+.02	44	-3	W	2	c	3	–	52	42	bcq	bcq	bcq.c	*
	Dover	29.46	51	W	5	c	29.64	*	41	-6	SW	3	c	4	–	57	39	z.o.c	bc.c	c.bc.c	3.7
	Wick	29.05	39	WNW	6	bc	29.25	+.03	37	+1	WNW	4	cpsmq	3	0.19	41	34	cmqps	bcphq	cphsq	*
	Nairn	29.17	39	WNW	5	cq	29.37	*	35	-1	W	3	oq	2	0.07	44	33	qp.bc	bq	cpq	6.2
	Aberdeen	29.09	40	WNW	6	b	29.31	+.03	37	0	WNW	5	b	2	0.04	45	33	b.orsp	bcqp.b	bq.bc.b	6.0
	Leith	29.22	44	W	2	bc	29.39	+.03	36	-3	WSW	3	b	*	0.03	49	35	cpq	c.bc	bc.b	*
	North Shields	29.19	46	WNW	4	c	29.43	+.04	37	-6	WNW	4	c	2	0.01	47	37	cr	c	bz	
	Spurn Head	29.24	45	WNW	8	c	29.49	+.03	40	-6	WNW	5	bcq	5	–	50	39	cq	bcq	bcq	3.8
	Yarmouth	29.35	46	W	5	bcq	29.56	+.01	39	-11	W	2	bc	1	–	53	37	c.bc	bcq	bc	1.6
	Clacton-on-Sea	29.40	51	W	6	o	29.58	+.02	41	-8	WSW	3	c	2	–	56	41	og.o	o.c	c.bcq	2.2
	Nottingham	29.40	45	WNW	7	b	29.57	*	38	-11	W	2	cm	*	–	52	38	o.c.bc	bc.b	c	5.8
	Bath	29.54	49	W	4	o	29.61	*	45	-5	W	2	r	*	0.01	55	43	og.c	oq	od	4.1
	London (Kew Obsy.)	29.46	50	WNW	4	bcq	29.63	+.01	41	-8	W	2	cm	*	–	55	40	o.c.bc.cmq	cq.bcq	bcq.om	2.8
ICELAND, FAEROE, &c.	Spitzbergen	30.06	12	SE	1	o	30.10	+.01	-2	-12	SE	1	b.	*	*	12	-6				
	Isafjord	30.06	19	N	9	s	30.14	+.04	23	+3	N	9	c	*	*	*	*				
	Reykjavik	29.79	26	NNE	10	b	29.89	+.08	27	0	N	6	b	*	*	*	*				
	Vestmanna	29.65	28	NE	10	b	29.76	+.03	26.	-4	–	0	b	1	*	*	*				
	Seydisfjord	29.62	24	W	4	s	29.75	+.03	29	0	–	0	s	*	*	*	*				
	Thorshavn	29.12	34	N	5	c	29.24	+.04	34	0	N	2	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.67	28	SE	6	o	29.60	-.02	26	-4	E	8	s	4	?	30	26.				
	Bodö	29.25	31	E	4	c	29.26	.00	26	-6	E	4	o	2	–	34	25				
	Christiansund	28.87	34	ESE	1	b	29.03	+.04	32	+2	SE	1	b	3	–	36	30				
	Skudesnaes	28.70	33	E	4	o	29.01	+.06	30	-5	N	2	b	2	?	36	28				
	Færder (X'iania Fjord)	28.66	32	E	6	s	28.90	+.12	31	+4	NNE	6	s	3	?	34	27				
	The Scaw (Skagen)	28.68	37	WSW	2	c	28.78	+.10	35	-1	NNE	6	s	1	p.20	37	32				
	Blaavands Huk	28.73	41	WSW	8	;	29.03	+.24	38	+2	WNW	8	c	7	0.08	43	34				
	Haparanda	29.34	27	E	4	s	29.25	-.01	23	-5	NE	2	c	*	0.16	32	21				
	Hernösand	29.17	28	NNE	4	s	29.11	.00	25	-6	N	4	s	*	–	32	25				
	Stockholm	29.02	31	SE	4	o	28.81	-.03	29	-3	ENE	6	s	*	0.16	34	27				
	Wisby	29.02	33	N	2	o	28.63	-.08	33	-2	ENE	2	o	*	0.20	36	30				
	Karlstad	28.88	31	E	2	s	28.91	+.06	28	+2	NE	4	o	*	0.32	32	25				
	St. Petersburg	29.06	29	E	2	s	29.06	+.01	27	+3	E	1	s	*	0.04	32	23				
CENTRAL EUROPE.	Berlin	29.18	48	SW	6	o	29.24	+.03	40	0	W	8	b	*	0.24	52	37				
	Frankfurt	29.47	52	SW	5	o	29.58	+.06	45	-4	NW	6	bc	*	0.08	55	43				
	Munich	29.58	48	SW	5	o	29.60	+.01	44	0	W	4	o	*	0.43	50	43				
	Vienna	29.49	52	NE	3	o	29.42	+.02	51	+1	E	4	bc	*	0.08	52	50				
	Cuxhaven	29.04	43	W	8	b	29.19	+.04	41	-3	W	8	b	4	0.04	46	39				
	The Helder	29.25	44	WSW	7	bc	29.45	+.05	42	-4	W	6	bc	6	0.04	46	42				
	Brussels	29.47	50	W	6	r	29.62	+.04	42	-7	WSW	2	b	*	0.16	52	41				
FRANCE.	C. Gris Nez	29.49	48	WSW	6	o	29.67	+.03	45	-2	WSW	6	c	5	Trace	50	45				
	La Hève	29.63	47	WSW	6	f	29.77	*	46	-1	WSW	5	o	5	0.12	48	45				
	Ushant	29.84	52	W	6	f	29.84	*	53	+1	W	4	r	4	0.16	53	46				
	Brest (St. Mathieu)	29.85	51	W	5	f	29.84	.00	51	0	WSW	5	r	4	0.08	54	48				
	Rochefort (Ile d' Aix)	29.98	51	W	6	r	29.99	+.01	51	0	W	5	f	*	0.04	52	50				
	Biarritz	30.15	52	WSW	3	f	30.17	.00	53	+1	WNW	3	o	4	0.28	54	50				
	Paris	29.67	55	WSW	3	o	29.76	+.03	52	+1	WSW	3	o	*	0.04	56	50				
	Belfort	29.70	48	WSW	7	r	29.83	*	47	+2	WSW	7	r	*	0.63	49	45				
	Lyons	29.85	51	–	0	r	29.97	*	52	+6	–	0	r	*	0.16	57	46				
	Nice	29.72	48	–	0	b	29.73	+.02	49	+4	–	0	b	2	–	57	43				
	Perpignan	30.00	58	NW	3	b	30.05	+.02	58	-1	NW	3	b	*	–	65	56				
	Sanguinaire	*	54	W	3	m	*	*	55	+6	E	3	m	7	–	57	49				
SOUTHERN EUROPE.	Corunna (8 a.m.)	30.32	59	WSW	3	o	30.28	.00	52	-3	SW	3	o	2	–	61	48				
	Madrid	30.08	65	NE	1	b	30.25	+.02	48	+3	–	0	b	*	–	66	43				
	Lisbon (9 a.m.)																				
	Gibraltar	30.23	59	W	6	b	30.10	*	55		NW	5	b	1	–	66	52				
	Rome	29.77	52	S	1	o	29.74	.00	43	-5	NE	1	bc	*	–	59	43				
	Azores (Horta, 8 a.m.)	30.29	*	SSW	4	c	30.13	-.04	58	+3	SSW	4	o	3	0.08	61	55				
	Madeira (Funchal)	30.28	56	ENE	4	b	30.26	+.01	53	+2	ENE	4	b	4	–	66	51				

GALES.

Duration and Extreme Force in British Islands.

Castlebay. 7am-8am. W.8.

Glasgow 8am-2pm. W.8, squalls 9

Malin Head. 7p.m-4am. NW.8

Eskdalemuir. 8am-2pm. squalls WSW 8

Donaghadee. Between 7am-1pm. NW.9

Southport. 10am-5pm W.8, gust 60mph

Liverpool. 10am-4pm. WSW.8

Holyhead. 9am. gust W.55mph. Between 1pm & 6pm W.8.

Scilly 6pm squalls WNW 8

Dungeness. 11am-4pm. SW.8

Wick 11am-5pm. NW.9.

Nairn. Noon-4pm. WNW 8.

Aberdeen. 1pm-3pm. WNW 9. 2pm. Gust 65mph.

Hexham. 8am-3pm. W.9. Noon Gust 69 mph.

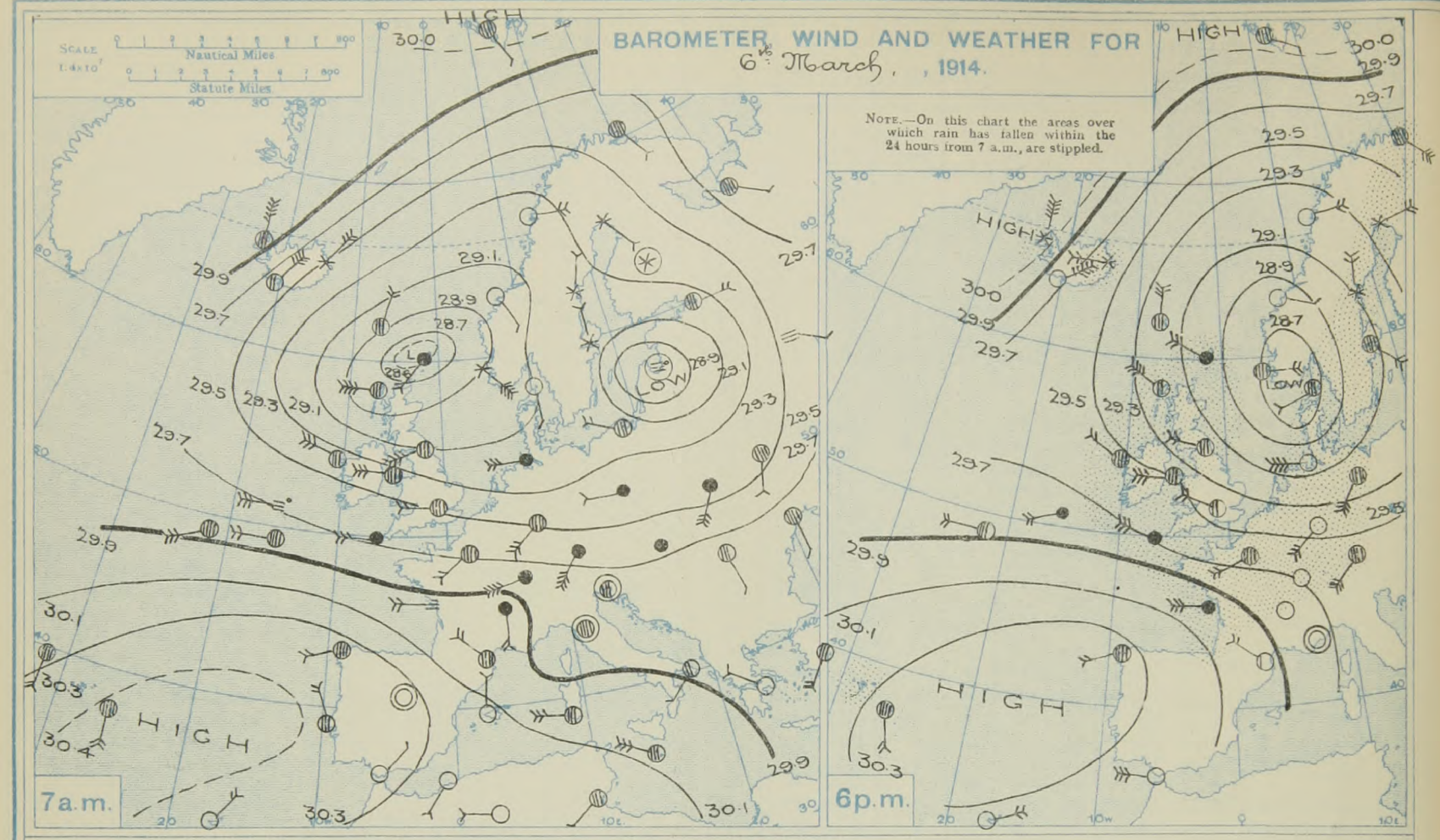
North Shields Noon-1pm. W.8.

Spurn Head. 10am-8pm. W.10. 3pm Gusts W.11.

Nottingham. 2pm. W.NW. 10.

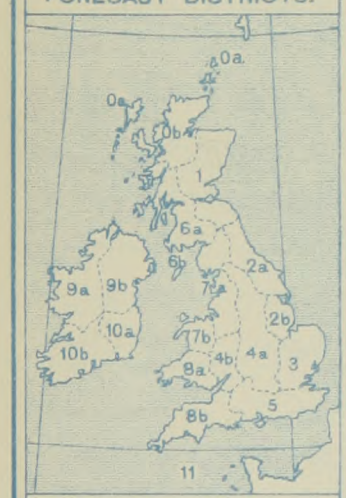
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

0 {a, b}, 1 — North-Westerly to Westerly winds, fresh or moderate, then light; some local showers of rain, sleet or snow, otherwise fair; temperature rather low.

2 {a, b}, 3, 4 {a, b}, 5 — Wind mainly Westerly, moderate or light; much cloud, some rain, fairer later; temperature about the normal.

6 {a, b} — Same as Nos. 0 and 1.

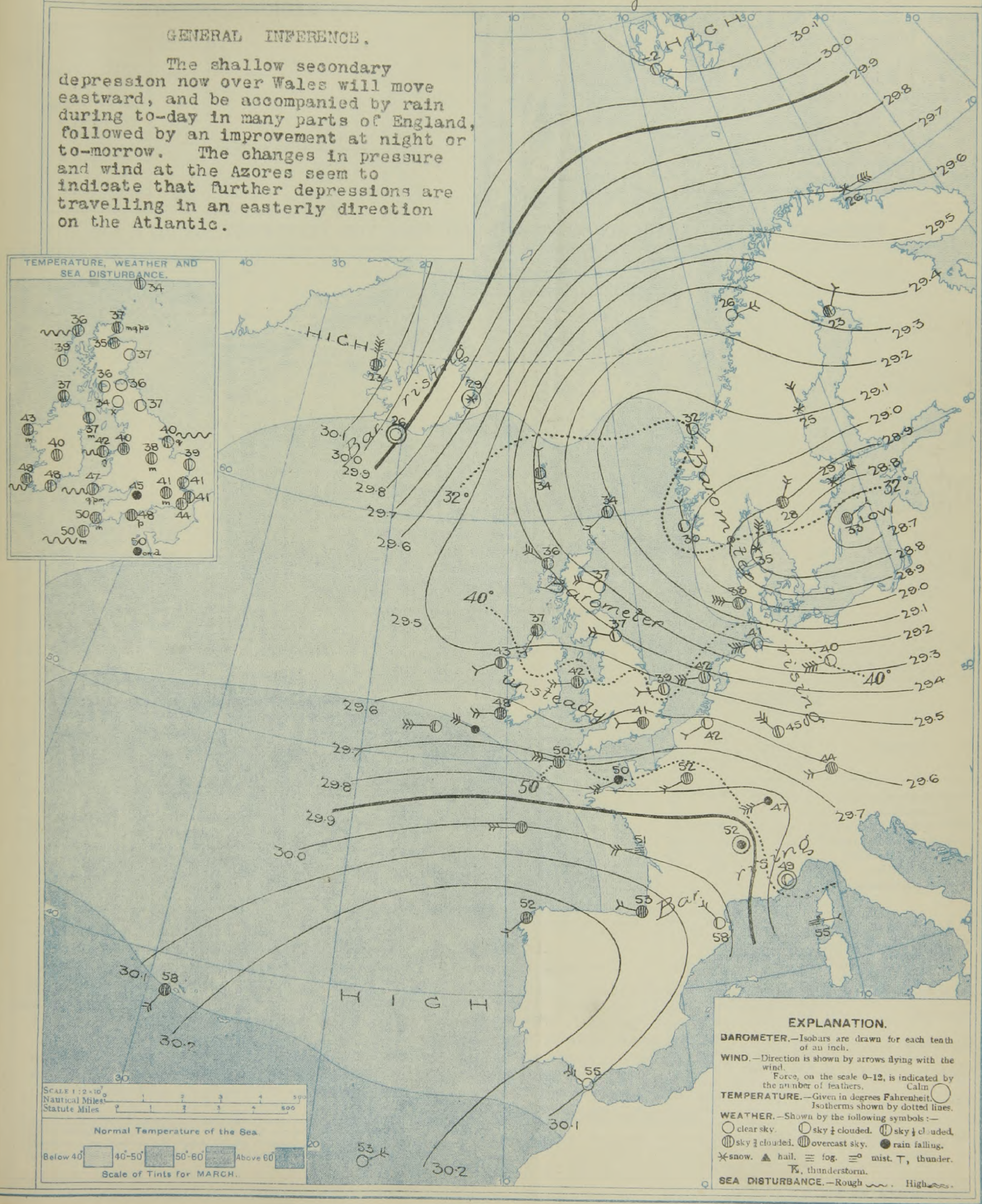
7 {a, b}, 8 {a, b} — Wind mainly Westerly, moderate; some rain, then fair to fine; moderate temperature.

9 {a, b}, 10 {a, b} — Wind between West and South-West, light or moderate; changeable, some rain; moderate temperature.

Western Channel and Bay. 11 — Westerly winds, fresh or strong to moderate; sea rather rough; some rain and mist, then fine.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 7th MARCH, 1914.



DAILY WEATHER REPORT. Saturday, 7th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
7th 7am	51	14	Alacinia	O	29.68	+.01	W	6-7	bc
" "	51	11	Arabic	H	29.67	-.03	WNW	6-7	r
" "	46 38	9 35	H.M.S.	–	30.05	-.07	W	5	o
	Dry bulb 55° wet bulb 54° Sea Temperature 52°. Sea Disturbance 5.								
6th 7pm	44 3	9 32	H.M.S.	–	30.35	-.01	WNW	4	o
	Dry bulb 54° wet bulb 50°. Sea Temperature 52° Sea Disturbance 4.								
" 6pm	49	20	Oceanic	O	29.78	+.01	W	4-5	c
6th 6pm	50	15	Arabic	H	29.74	-.04	WSW	4-5	r
" "	47 39	6 20	H.M.S.	–	29.85	?	WNW	6-	o
	Dry bulb 53° wet bulb 53° Sea Temperature 55°. Sea Disturbance 6.								
" 7am	49	20	Arabic	H	29.83	-.03	WSW	6-7	o
" "	49	15	Oceanic	O	29.67	-.01	W	4-5	o
" "	50	15	Victorian	O	29.67	+.02	W	6-7	m
" "	49	9	New York	H	29.78	-.07	WSW	4-5	m

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.07	46	40	p.c	bc	5.2
	St. Andrews	–	47	37	*	*	7.7
Eng., N.E.	Harrogate	0.13	45	38	bc.ep.b	bep.b	7.4
	Scarborough	*	50	42	bc	bc	8.0
	Skegness	–	52	?	w.bc	bc.b	2.8
Eng., N.W.	Morecambe	0.10	47	41	bc	bc	1.4
	Blackpool	0.06	48	41	epq.c	c	3.0
	Southport	0.09	48	44	o.bc.cq	o.bc.cq	3.8
Midlands.	Buxton	0.50	48	40	cr	bc	2.6
	Leamington Spa	0.01	55	44	o.c.b	c.b	2.7
	Malvern	0.01	52	46	c.bc	bc	3.1
Wales.	Rhyl	0.03	48	44			4.0
	Colwyn Bay	0.04	47	43	p.bc	b.d.c	4.5
	Llandudno	0.04	49	47	o	o	2.6
	Aberystwyth	0.02	48	46	r.o	o.c	0.0
	Tenby	0.02	51	46	o	o	0.2
England, E.	Lowestoft	0.02	53	46	o.c	c.b	1.6
	Felixstowe	0.06	56	46	bc.cq	c.bcq	2.1
	Walton-on-Naze	0.03	56	46	cm.c	bc.c.bc	2.1
	Southend-on-Sea	–	52	43	c.bc	b.bc.c	4.2

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.02	56	47	e.bc	bc.b.c	2.8
	Ramsgate	0.03	57	41	c.bc	bc.c	2.9
	Folkestone	0.07	56	45	o	b.o	3.8
	Hythe	0.06	53	47	c.b.o	b	4.3
	Littlestone	*	*	*	*	*	3.9
	Hastings	0.09	54	47	or	bc.b	3.7
	Bexhill-on-Sea	0.06	55	47	c.bc	bc.b	4.5
	Eastbourne	0.18	51	47	o.bc	o.bc.b	1.8
	Seaford	0.11	49	48	o	b	5.3
	Brighton	0.06	55	47	o.c.bc	bc	3.5
	Worthing	0.10	57	47			5.4
	Littlehampton	0.04	*	*	*	*	5.1
	Southsea	0.07	58	48	c.bc	bc	5.5
	Ryde	–	57	51	c.bc	bc	6.0
	Ventnor	0.09	54	42	*	*	5.5
	Bournemouth	0.05	53	48	o.c.bco	bc.o	3.4
England, S.W.	Weymouth	0.03	55	48	o.c.bc	b.bco	4.6
	Exmouth	0.01	51	49	bc.b	b.t.c	3.6
	Teignmouth	0.02	57	51	cq	bq.c	3.3
	Torquay	0.05	56	50	o	bc.co	4.0
	Paignton	0.03	57	50	od.bc	bcp	4.0
	Falmouth	0.13	55	50	dq.cq	oq.rq	1.3
	Bude	0.20	52	47	pd.c	pd.r	0.0
	Ilfracombe	0.16	52	48	o	orm	0.0
	Weston-super-Mare	–	51	46	b	b.bcp	7.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	62	85	3.4	57	40	30	0.01	bc	bc	bc.or
City (Bunhill Row)	*	*	1.6	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	71	94	3.5	57	40	35	0.01	bc	bc	bc.or
Camden Sq. (Brit. Rainfall)	64	88	3.2	56	39	35	0.01	bc	bc.c	*
Hampstead (Reservoir)	*	93	2.3	53	38	?	–	c	bc	bc.or
Richmond Park	*	*	4.5							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	65	82	3.8							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
624 Joules	15.6 Milliwatts.	50.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.01	49	45	43	epq	cq.b	bcq	*
Plymouth to 9 p.m.	0.13	52	49	48	od	or	od	0.0
Darwen "	0.21	49	38	38	orci	opci.b	b.op	1.5
Manchester "								
Birmingham "	0.03	51	41	44	*	c	c	2.5
Oxford to 8 p.m.	*	57	46	43	o.c	c.bc	c	*
S. Kensington (Museum Grounds to 6 p.m.)	0.01	56	50	43	o.bc	bc.cq	cq.bcq	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

7th & 8th MAR., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.29	12.4	5.39
	6.26	12.4	5.44
Greenwich	6.35	12.11	5.47
	6.33	12.11	5.49
Wick	6.54	12.23	5.52
	6.51	12.23	5.54
Valencia	7.17	12.52	6.28
	7.15	12.52	6.30

NOTES ON YESTERDAY'S WEATHER.

Gales, mainly from the Westward, were experienced yesterday or in the night on most parts of our coasts. Rain fell at most stations in the west and north, but the amount was not large. Temperature rose to a maximum of 55° or a little higher over a considerable portion of England, the highest figure reported being 58° at Southsea. In most parts of the Kingdom the sun shone for several hours; at Weston-super-Mare the record was 7 hrs., at St. Andrews 7·7 hrs., and at Scarborough 8 hrs.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 8th March, 1914.

	STATIONS.	Yesterday Evening. Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 a.m., G.M.T. Barometer. M.S.L. Lat. 45°	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Afternoon	Night.	Sunshine for Yesterday.
		In.	F.				In.	In.	F.						In.	F.	F.				Hours.
British Islands.	Lerwick	29.26	37	NW	3	bc	29.39	+.02	35	+1	WNW	2	c	2	0.03	40	33	ops	c.bq	qphl	*
	Stornoway	29.44	38	WSW	4	bc	29.46	.00	29	-7	–	0	bx	0	0.09	44	29	bqphq	bc	bc.bx	?
	Castlebay (Barra Isd.)	29.47	42	WNW	3	c	29.40	-.01	39	0	N	2	c	2	0.01	44	37	c.o	o.bc	c.bc	3.0
	Glasgow	29.48	33	WSW	2	o	29.41	-.05	33	-3	E	2	osq	*	–	43	30	b.bc.c.o	o.c.oz	bc.b.oz	2.7
	Eskdalemuir ...	29.51	37	WSW	3	c	29.41	-.03	32	-2	–	0	ors	*	0.04	44	32	bc	cp	cx.cs	5.2
	Malin Head... ...	29.47	46	NW	4	bc	29.35	-.01	36	-1	SSE	2	c	2	0.12	41	35	cmr	bcph	cp	*
	Blacksod Point ...	29.53	45	–	0	ov	29.32	+.03	41	-2	WNW	1	cp	2	0.24	47	39	cv	ov	omr.cm	*
	Valencia	29.57	49	WSW	4	om	29.45	+.01	44	-4	NW	3	am	4	0.20	51	44	c.omp	om	om	0.9
	Roche's Point ...	29.61	50	N	1	o	29.41	*	46	-2	NW	2	o	2	0.19	53	46	o.cpq	cq.o	or.oq	*
	Birr Castle	29.56	46	SW	1	c	29.35	*	42	+2	SW	2	c	*	0.15	47	39	c	cp	or.c	0.0
	Donaghadee ...	29.53	43	W	3	bc	29.36	-.05	38	+1	SE	4	omr	4	0.13	45	36	cm	bcph	bc.omr	*
	Liverpool Obsy. ...	29.59	42	W	3	b	29.35	-.06	41	+1	SE	2	mr	2	0.27	45	40	p.bc	o	or	2.6
	Holyhead	29.60	44	SW	3	cq	29.36	-.03	45	+3	SW	3	opd	2	0.31	48	42	c.o.bc.c	c.bc.c	c.orpo	3.0
	Pembroke (St. Ann's Hd.)	29.68	47	SW	2	o	29.37	-.02	48	+1	SW	7	oqdm	6	0.21	49	45	cqpm	bc	ogm	2.5
	Newquay	29.69	49	SW	3	od	29.53	-.02	50	0	SW	6	ogm	6	0.35	52	47	c.b	b.o	or	5.2
	Scilly (St. Mary's) ...	29.70	49	W	3	omr	29.54	-.02	50	0	WSW	6	our	6	0.14	54	48	bcm	bc.omr	omrqp	4.3
	Jersey (St. Aubin) ...	29.80	50	WSW	3	fe	29.73	*	49	-1	SW	4	om	4	0.17	52	49	omr	omd.mr	omd.om	0.0
	Portland Bill ...	29.64	48	WSW	5	bc	29.51	-.03	47	-1	SW	7	or	5	0.06	51	46	bc	bc	bc.or	*
	Dungeness	29.63	47	SW	4	oq	29.54	-.04	47	+3	SW	5	orq	5	0.28	51	43	c.or.c	c.orq	or.cr	*
	Dover	29.63	44	–	0	cm	29.50	*	48	+7	SW	6	orq	6	0.17	48	43	c.or	opm.b	coprq	0.6
	Wick	29.36	37	WNW	3	c	29.41	-.02	40	+3	WSW	2	bcx	2	0.08	48	28	cqphs	cphs	bcphx	*
	Nairn	29.43	37	WNW	2	bcq	29.43	*	28	-7	–	0	bc	1	–	43	26	bc.c	bcq	bcxc	6.3
	Aberdeen	29.41	40	W	3	b	29.43	-.01	31	-6	WNW	1	o	2	–	45	31	cq	bc.b	b.bc.oz	9.7
	Leith	29.45	42	WSW	3	o	29.41	-.03	33	-3	SSE	1	o	*	–	47	32	b	bc.c.o	c	*
	North Shields ...	29.48	43	WNW	4	o	29.42	-.04	37	0	SSW	2	r	3	0.02	47	35	c	c	ber	4.8
	Spurn Head ...	29.51	44	W	3	c	29.44	-.07	43	+3	S	3	or	4	0.08	47	37	c	cpm	c	4.5
	Yarmouth	29.58	45	WSW	2	bcm	29.51	-.03	41	+2	SE	3	omr	2	0.15	49	37	bc	bcm	bc.omr	6.8
	Clacton-on-Sea ...	?29.60	43	SW	2	c	29.47	?	45	+4	SSW	4	or	3	0.23	45	40	c.op	op.c	omr	0.0
	Nottingham... ...	29.58	46	W	2	o	29.39	*	40	+2	E	2	r	*	0.24	46	37	cm	com	o.c.bm	0.3
	Bath	29.66	49	W	3	o	29.50	*	51	+6	WSW	5	r	*	0.18	54	45	d.o	o	p.o.rdq	0.6
	London (Kew Obsy.)...	29.64	45	–	0	om	29.47	-.05	49	+8	SW	3	od	*	0.20	49	41	omr	omd.r	om.c.or	0.0
Iceland, Faeroe, &c.	Spitzbergen	30.14	-3	SE	2	c	30.15	.00	0	+2	–	0	o	*	–	3	-8				
	Isafjord...	30.17	23	N	8	c	30.18	-.03	18	-5	N	7	bc	*	*	*	*				
	Reykjavik	29.95	27	NE	8	bc	30.01	.00	24	-3	N	6	b	*	*	*	*				
	Vestmanna	29.82	32	SE	5	b	29.86	.00	24	-2	NW	2	b	2	*	*	*				
	Seydisfjord	29.87	28	N	3	s	29.89	.00	25	-4	NNE	4	s	*	*	*	*				
	Thorshavn	29.41	36	N	2	c	29.47	-.01	30	-4	N	2	b	*	*	*	*				
Northern Europe.	Vardö	29.66	26	ESE	8	o	29.72	+.01	24	-2	ESE	8	o	4	?	28	23				
	Bodö	29.32	26	E	2	b	29.39	+.01	22	-4	E	4	b	1	–	28	19				
	Christiansund ...	29.21	33	–	0	b	29.30	+.02	28	-4	–	0	b	3	–	37	27				
	Skudesnaes	29.21	35	SSW	4	c	29.30	+.01	32	+2	–	0	b	2	?	36	28				
	Færder (X'iania Fjord)	29.25	31	N	2	bc	29.36	+.02	27	-4	ENE	1	o	2	–	32	27				
	The Scaw (Skagen)...	29.26	34	NNE	1	b	29.33	+.02	35	0	SSE	2	o	0	Trace	35	30				
	Blaavands Huk ...	29.34	39	WNW	6	bc	29.43	+.02	39	+1	WNW	3	c	3	0.16	39	34				
	Haparanda	29.31	25	NE	2	o	29.41	+.01	20	-3	ENE	2	c	*	–	28	19				
	Hernösand	29.19	26	NE	4	o	29.29	+.02	24	-1	N	4	o	*	0.12	28	23				
	Stockholm	28.96	29	N	4	s	29.22	+.05	26	-3	NNW	4	s	*	0.16	30	25				
	Wisby	28.91	32	NNW	6	s	29.23	+.08	30	-3	NNW	6	o	*	0.04	34	30				
	Karlstad	29.17	27	NE	2	b	29.37	+.02	19	-9	NW	2	b	*	–	30	16				
	St. Petersburg ...	28.99	31	E	3	s	28.96	+.01	33	+6	SE	2	o	*	0.08	32	27				
Central Europe.	Berlin	29.42	40	W	5	b	29.60	+.05	36	-4	SW	2	b	*	0.04	48	36				
	Frankfurt	29.63	44	NE	1	r	29.71	+.01	45	0	SW	2	r	*	0.20	54	43				
	Munich	29.71	44	SW	4	o	29.78	+.01	44	0	SW	6	r	*	0.47	48	43				
	Vienna	29.62	43	W	3	r	29.74	+.02	39	-12	NNW	2	r	*	0.59	54	37				
	Cuxhaven	29.44	39	W	4	b	29.52	+.01	39	-2	SW	2	m	0	–	43	36				
	The Helder	29.56	42	W	2	bc	29.56	-.01	42	0	SSW	2	o	2	–	45	41				
	Brussels	29.66	43	WSW	2	o	29.63	-.03	44	+2	SSW	3	r	*	0.24	48	42				
France.	C. Gris Nez... ...	29.64	46	W	6	c	29.55	-.07	47	+2	SW	7	r	5	0.39	48	43				
	La Hêve	29.76	47	WSW	4	c	29.70	*	47	+1	WSW	6	o	5	0.32	50	45				
	Ushant...	29.84	52	W	4	f	29.73	*	52	-1	SW	5	o	4	0.04	53	46				
	Brest (St. Mathieu) ...	29.85	51	WSW	4	f	29.77	-.02	50	-1	SW	4	f	5	0.12	54	48				
	Rochefort (Ile d' Aix)	30.03	52	W	5	o	29.98	.00	50	-1	WSW	4	o	*	0.04	54	48				
	Biarritz	30.15	53	SW	3	o	30.06	-.03	52	-1	SE	3	o	5	–	54	50				
	Paris	29.79	54	WSW	2	c	29.83	?	50	-2	SW	4	o	*	0.04	59	50				
	Belfort	29.80	48	WSW	6	r	29.91	*	46	-1	WSW	7	o	*	0.39	49	45				
	Lyons	29.98	52	–	0	o	30.02	*	46	-6	–	0	bc	*	0.04	54	45				
	Nice	29.78	52	–	0	b	29.90	+.04	46	-3	–	0	c	0	–	63	45				
	Perpignan	30.03	61	NW	3	b	30.06	+.01	52	-6	W	2	c	*	–	68	50				
	Sanguinaire							*													
Southern Europe.	Corunna (8 a.m.) ...	30.24	57	W	3	o	30.12	.00	50	-2	S	3	f	3	–	59	46				
	Madrid...	30.06	69	WSW	1	b	30.13	+.02	48	0	SW	1	f	*	–	70	45				
	Lisbon (9 a.m.) ...	30.15	52	NW	4	b	30.14	+.02	52	-15	–	0	o	5	–	67	50				
	Gibraltar							*													
	Rome	29.83	55	–	0	bc	29.91	+.03	50	+7	NE	1	o	*	–	63	43				
	Azores (Horta, 8 a.m.)	30.02	*	SSW	5	o	29.88	+.01	55	-3	W	4	bc	3	0.20	63	54				
	Madeira (Funchal) ...	30.20	60	SW	5	r	30.11	+.01	60	+7	SW	5	o	3	?	64	59				

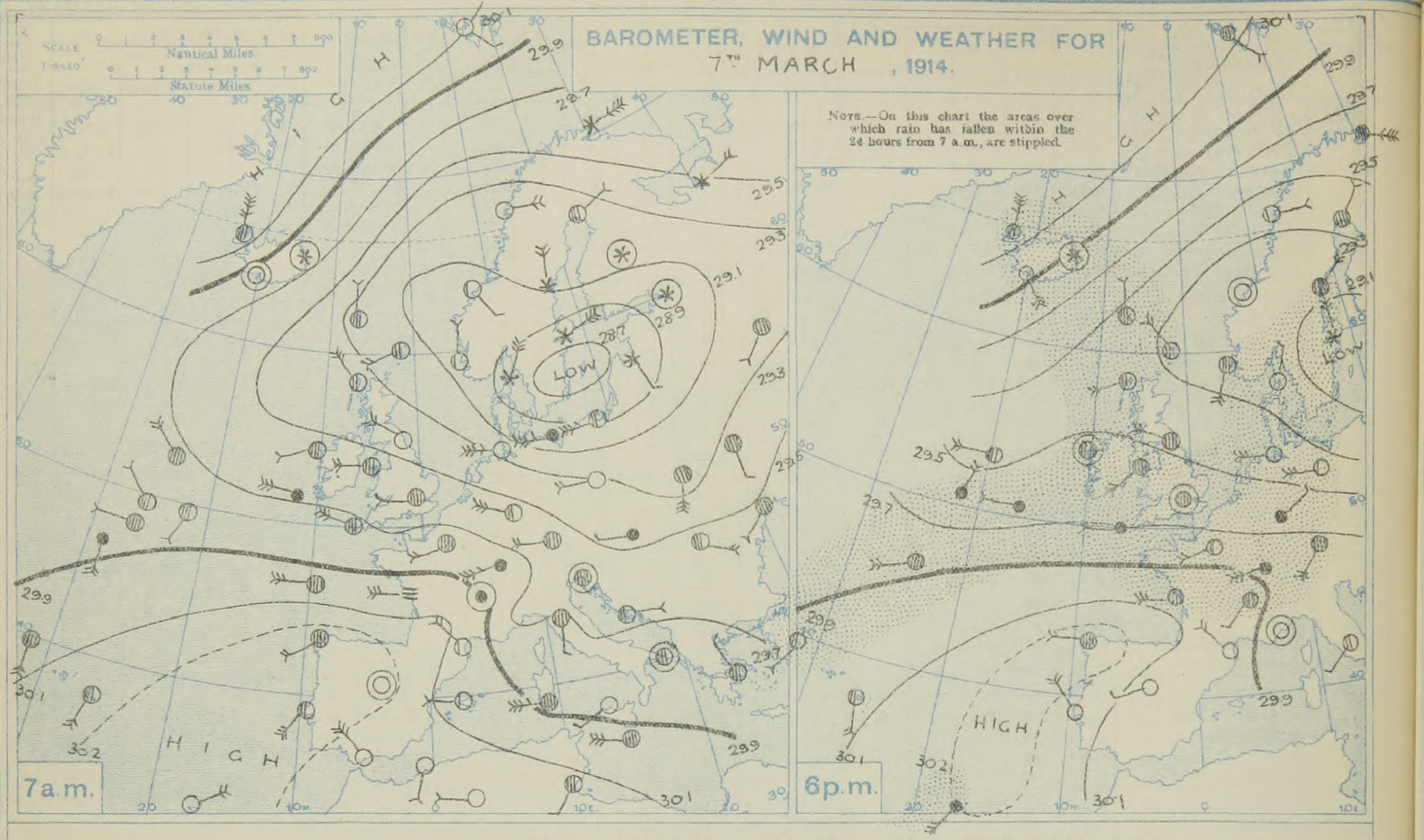
GALES.

Duration and Extreme Force in British Islands.

Aberdeen 1 p.m.
Squalls WNW. 52 mph

* Information for these columns not usually received.

† Received too late for insertion in Charts.

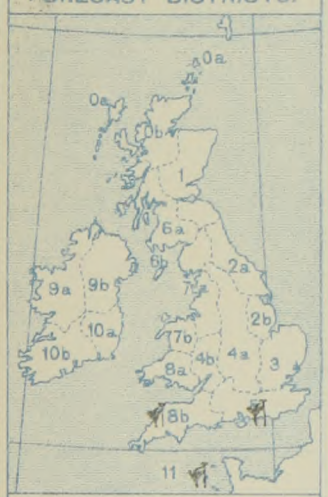


PILOT BALLOON ASCENTS FOR THE PAST WEEK.

Component Velocities to East and to North in Metres per Second.

			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.
0 a/b	Station		Eskdalemuir		Eskdalemuir											
1	Date and Hour		5h.	7h.	7h.	13h.										
2 a/b	Heights in Kilometres															
3																
4 a/b		3·0			+11	−3										
		2·0	+16	−6	+10	−2										
5		1·0	0	−6	+10	0										
		·5	–	–	+8	+1										
6 a/b		Ground	+3	0	+5	+3										
7 a/b	Station															
	Date and Hour															
8 a/b	Heights in Kilometres															
9 a/b																
10 a/b																
11																

FORECAST DISTRICTS.



STORM WARNINGS.

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

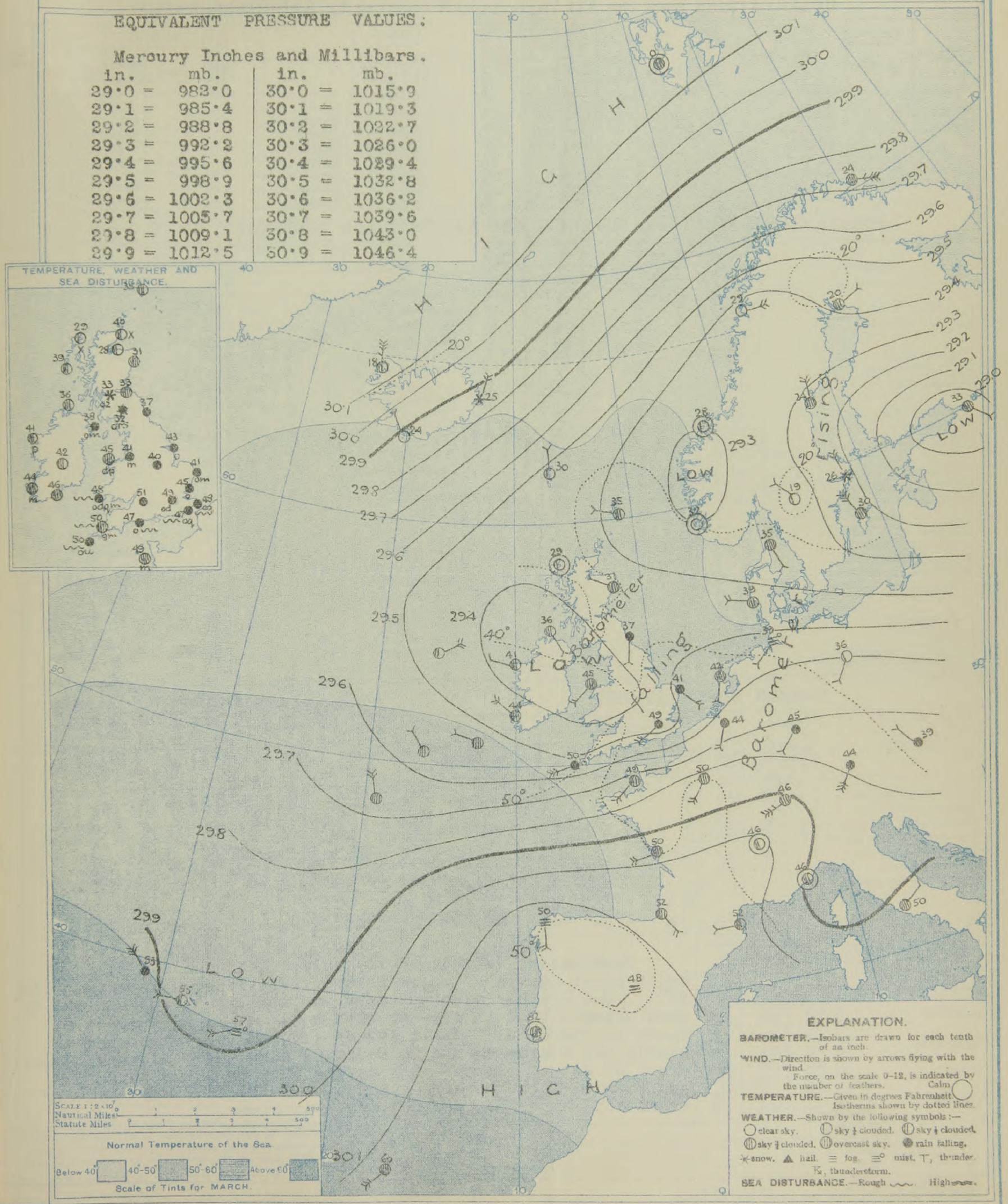
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone

South Cone hoisted at 9·7 a.m.

Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Sunday, 8TH MARCH, 1914.



DAILY WEATHER REPORT. Sunday, 8th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
8th, 7 a.m.	50	12	Haverford	H	29.57	-01	WNW	1-3	o
7th, 6 p.m.	47	24	Minnewaska	H	29.60	-04	WSW	4-5	o
" "	50	21	California	H	29.56	-02	NNE	4-5	r
" "	53	19	Numidian	H	29.46	-14	W	4-5	c
" "	50	17	Alaunia	O	29.58	-01	WNW	4-5	o
" "	50	16	Haverford	H	29.61	-03	WNW	1-3	r
" "	50	15	Carmania	H	29.56	-03	W	1-3	r

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
7th, 7 a.m.	47	28	Minnewaska	H	29.77	-07	S	4-5	r
" "	48	26	Oceanic	O	29.75	-03	W	1-3	o
" "	49	25	California	H	29.70	-08	NW	1-3	c
" "	50	25	Victorian	O	29.71	-04	NNW	4-5	bc
" "	52	23	Numidian	H	29.68	-01	NNW	4-5	o
" "	49	20	Carmania	H	29.73	-02	SSW	1-3	c
" "	49	19	Haverford	H	29.81	-01	W	1-3	b

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	0.03	48	35	b.bc.	cp.bc.	4.2
	Scarborough	*					
	Skegness	–	49	*	bc.	op	3.1
Eng. N.W.	Morecambe	0.01	47	41	b	bc	4.2
	Blackpool	0.02	47	42	b.bc.o.	c.o.c.	3.8
	Southport						
Midlands.	Buxton	0.06	43	35	bc.r.	bc.	1.1
	Leamington Spa	0.02	46	36	c.b.	c.b.	0.1
	Malvern	0.07	46	40	op	c.bc.	0.1
Wales.	Rhyl						
	Colwyn Bay						
	Llandudno						
	Aberystwyth	–	45	39	o.c.o	o.c	0.0
	Tenby	0.16	52	47	c.	bc.	2.8
England, E.	Lowestoft						
	Felixstowe	–	46	40	o	m.o.c.	0.1
	Walton-on-Naze	0.01	45	39	o.cd	c.o.c	0.2
	Southend-on-Sea	–	47	39	o	o	0.0

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.02	46	39	op	op	0.0
	Ramsgate	0.05	45	36	*	*	0.0
	Folkestone	0.04	48	39	or.o	r.o	0.5
	Hythe	0.05	50	36	c.b.r.	o	0.5
	Littlestone	*	*	*	*	*	0.5
	Hastings	0.10	53	40	or	bc.c.	2.1
	Bexhill-on-Sea	0.05	53	41	od	c	2.0
	Eastbourne	0.06	57	42	o.bcp	bc.	2.3
	Seaford	0.04	50	44	c.	bc.	2.1
	Brighton	0.02	50	37	op.c	c	1.3
	Worthing	0.02	51	42	o.bc	bc	0.6
	Littlehampton	0.01	*	*	*	*	3.3
	Southsea						
	Ryde						
	Ventnor				*	*	
	Bournemouth	–	57	44	o.c.	bc.c.	4.3
England, S.W.	Weymouth	–	56	46	od.bc	b.	5.0
	Exmouth						
	Teignmouth	–	57	48	c.bc.b	b.bc	7.6
	Torquay						
	Paignton	0.05	57	48	bc	b	7.5
	Falmouth	0.06	56	49	c.b.	bc.d.o.	7.1
	Bude						
	Ilfracombe	0.05	52	46	o.c.bc.	bc.c.	2.0
	Weston-super-Mare						

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	91	92	0.0	52	41	40	0.21	o.or	or	orm
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	92	92	0.0	52	42	42	0.23	d.tm	omd	tm.o
Camden Sq. (Brit. Rainfall)	87	91	0.0	52	42	42	0.40	o.or	od.o	*
Hampstead (Reservoir)	*	95	0.0	50	39	?	0.36	or	or	or
Richmond Park	*	*	0.0							
Kew. (See front page.)										

Vertical Component of Solar Radiation per square centimetre during Yesterday.

	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	179 Joules	4.5 Milliwatts.	22.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	–	49	39	37	bc	bc	bc.	0.0
Plymouth to 9 p.m.	0.15	56	47	47	or	c.b.	b.	6.5
Darwen "	0.02	45	37	35	ou.r.c.	bc.	bc.op	1.7
Manchester "	0.01	46	40	*	or.c	o.bc.	c.bc.	0.3
Birmingham "	–	44	38	34	*	o	o	
Oxford to 8 p.m.	*	47	38	30	c.or	or.o.or	or.o.	*
S. Kensington (Museum Grounds to 6 p.m.)	0.08	51	41	31	or	odm.om	om.omf	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

8th & 9th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.26 / 6.26	12.4 / 12.4	5.44 / 5.43
Greenwich	6.33 / 6.31	12.11 / 12.11	5.49 / 5.51
Wick	6.51 / 6.49	12.23 / 12.23	5.54 / 5.56
Valencia	7.15 / 7.13	12.52 / 12.52	6.26 / 6.32

NOTES ON YESTERDAY'S WEATHER.

Temperature varied considerably, rising to 57° at some south coast stations, while several localities had maxima below 45°. The weather also was very variable, dull and sunless in many places, fine in others, with sunshine ranging up to 9¾ hours at Aberdeen. Small amounts of rain were measured at nearly all stations, and in Scotland there were showers of hail, sleet or snow. As far west as the 30th meridian ships experienced light to strong South-Westerly to North-Westerly winds and changeable weather, rain at times.

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, 9th March 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.41	37	WNW	3	bc	29.49	+01	35	0	NNW	1	c	1	005	42	32	bc	bc	ps.bc.c	*
	Stornoway	29.44	38	N	1	bc	29.48	+02	29	0	W	1	bx	1	–	44	29	bc	bc	bc.bx.	?
	Castlebay (Barra Isd.)	29.41	43	NW	2	b	29.45	00	36	-3	–	0	b	1	–	46	36	cx.bc	bc.b	bcx	7.8
	Glasgow	29.40	34	NE	1	drs	29.52	+02	27	-6	E	1	c	*	006	36	25	odrs	odrs	o.c.bmx	0.0
	Eskdalemuir ...	29.38	33	NNE	2	drs	29.55	+02	23	-9	NNW	1	b	*	011	34	22	os	os.o	os.bc.b.	0.0
	Malin Head... ...	29.41	40	ENE	2	bc	29.50	00	36	0	W	2	c	1	001	44	34	cg	bc	cp	*
	Blacksod Point ...	29.41	42	WNW	3	c.v.p	29.55	00	39	-2	NNW	2	bcp	1	008	44	37	cp.bc	bc.v.p	bcp	*
	Valencia	29.51	44	NW	2	ov	29.59	+06	39	-5	N	3	bc	4	002	47	37	cv	cv	cp	2.3
	Roche's Point ...	29.50	45	NW	4	b	29.55	*	39	-7	NNW	3	o	2	001	49	38	o.c	o.c.o	c.o	*
	Birr Castle	29.43	42	W	3	c	29.55	*	34	-8	NW	1	m	*	–	47	31	c	c	bcf	2.5
	Donaghadee ...	29.38	40	NE	3	c	29.51	+05	33	-5	W	2	b	2	007	41	32	omp	c	c.bc.b	*
	Liverpool Obsy. ...	29.38	44	WSW	3	o	29.49	+03	38	-3	NNW	1	c	1	002	47	38	r.o	c.bc.	c	0.6
	Holyhead	29.41	45	WSW	4	cog	29.51	+02	40	-5	ENE	3	ozg	2	trace	48	40	c.o.c.o.c	c.bc.o.c	c.o.p.c	0.7
	Pembroke (St. Ann's Hd.)	29.47	45	WSW	2	c	29.51	+01	40	-8	N	1	cv	1	004	48	40	ogdm	cp	cp	0.0
	Newquay	29.48	50	SW	4	r	29.46	-01	39	-11	N	2	ogdm	5	088	50	38	ogtm	ogtm	ogtm	0.0
	Scilly (St. Mary's) ...	29.48	49	W	5	omr	29.46	00	41	-9	NE	5	omr	6	078	51	40	omr	omr	cp.omr	0.0
	Jersey (St. Aubin) ...	29.69	51	SW	4	og	29.57	*	49	0	S	4	og	4	008	55	48	o.c	c.og	c.o.p.og	2.2
	Portland Bill ...	29.51	49	SW	6	or	29.47	-01	43	-4	NE	5	o	4	036	52	41	or	or	or.od	*
	Dungeness	29.54	48	SSW	7	ogp	29.51	-01	48	+1	SW	6	oq	5	020	49	47	ogp	ogp	orq	*
	Dover	29.53	47	SW	6	r	29.50	*	47	-1	SW	6	omr	6	035	48	46	or	or	or	0.0
	Wick	29.42	35	NW	2	bc	29.48	+02	28	-12	SW	2	czx	3	002	42	27	c.cz	bcm	bcps.x	*
	Nairn	29.42	34	–	0	bc	29.50	*	24	-4	–	0	bcz	1	–	40	23	b.bc	bcz	bcx	6.9
	Aberdeen	29.41	39	–	0	o	29.50	+02	32	+1	NW	2	b	2	trace	42	30	c.o	o	op.s.p.b	0.1
	Leith	29.37	35	NNE	2	s	29.50	+04	30	-3	W	2	b	*	019	38	29	og.od	ors	or.o	*
	North Shields ...	29.29	37	SSW	2	r	29.49	+04	33	-4	WNW	2	c	2	034	39	32	rz	rz	r.o.c.	
	Spurn Head ...	29.34	45	NW	3	o	29.46	+03	38	-5	NNW	4	c	4	020	47	37	or	o	o	0.0
	Yarmouth	29.41	50	W	2	om	29.47	+02	41	0	WSW	2	omr	1	090	55	40	omr.c	omr	omr	0.1
	Clacton-on-Sea ...	29.44	50	WSW	4	oz	29.51	+04	40	-5	WNW	2	ogr	1	040	52	40	or.og	ogp	ogr	0.0
	Nottingham... ...	29.39	48	W	4	c	29.49	*	40	0	N	1	cm	*	009	53	39	r.o.cm	cm	om	0.5
	Bath	29.50	51	W	2	r	29.50	*	39	-12	–	0	r	*	074	54	39	r	r	r.od	0.0
	London (Kew Obsy.)...	29.49	51	SW	3	or	29.52	+03	40	-9	N	2	otm	*	072	53	39	od.og.o	or	or.otm	0.0
ICELAND, FAEROE, &c.	Spitzbergen	30.21	-11	–	0	b	30.18	+01	-5	-5	–	0	b	*	*	3	-20				
	Isafjord...	30.10	17	N	7	bc	30.11	+05	18	0	N	5	o	*	*	*	*				
	Reykjavik	29.99	23	NNW	2	b	29.94	-02	12	-12	–	0	bc	*	*	*	*				
	Vestmanna	29.89	25	N	6	b	29.80	-01	22	-2	N	7	b	1	*	*	*				
	Seydisfjord	29.86	23	NW	3	o	29.73	-02	23	-2	SW	3	s	*	*	*	*				
	Thorshavn	29.54	34	N	3	c	29.50	+01	33	+3	NW	3	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.76	22	E	4	o	29.69	-04	22	-2	NE	6	o	4	?	25	21				
	Bodö	29.47	24	E	3	b	29.50	+01	22	0	E	4	b	2	–	28	19				
	Christiansund ...	29.37	31	N	1	b	29.38	00	32	+4	SW	1	r	4	004	32	27				
	Skudesnaes	29.35	36	–	0	b	29.41	+01	32	0	NNW	2	c	2	?	41	30				
	Færder (X'iania Fjord)	29.42	30	SE	2	o	29.44	+01	31	+4	SSE	2	o	2	–	31	27				
	The Scaw (Skagen)...	29.41	36	N	1	o	29.43	00	32	-3	ENE	2	o	0	–	39	30				
	Blaavands Huk; ...	29.43	39	S	1	m	29.36	-01	36	-3	E	1	f	1	004	41	34				
	Haparanda	29.45	19	ENE	2	o	29.40	-01	8	-12	N	2	c	*	–	24	7				
	Hernösand	29.42	25	–	0	c	29.48	+01	17	-7	–	0	c	*	004	30	10				
	Stockholm	29.41	26	W	2	bc	29.47	+01	22	-4	W	2	b	*	–	36	19				
	Wisby	29.45	31	NW	6	c	29.45	-01	32	+2	SW	2	bc	*	–	32	27				
	Karlstad	29.45	21	–	0	b	29.47	00	25	+6	–	0	o	*	–	32	16				
	St. Petersburg ...	29.13	32	–	0	f	29.25	+07	24	-9	W	2	o	*	–	33	21				
CENTRAL EUROPE.	Berlin	29.56	41	S	1	o	29.53	+03	47	+11	SW	3	o	*	043	48	36				
	Frankfurt	29.71	50	SW	6	o	29.72	00	50	+5	SW	6	c	*	008	52	45				
	Munich	29.81	49	W	5	c	29.91	+01	39	-5	S	2	bc	*	020	52	37				
	Vienna	29.78	42	SW	1	c	29.84	+02	50	+11	W	3	c	*	–	50	39				
	Cuxhaven	29.41	41	S	2	r	29.39	00	43	+4	W	3	r	0	024	45	39				
	The Helder	29.40	45	SW	5	o	29.48	+04	42	0	SW	2	r	2	063	46	41				
	Brussels	29.61	48	SW	5	r	29.60	00	49	+5	SW	5	o	*	012	51	44				
FRANCE.	C. Gris Nez... ...	29.57	47	SW	7	r	29.52	-02	47	0	SW	7	r	6	039	48	36				
	La Hève	29.68	50	WSW	5	o	29.63	*	47	0	SW	5	o	5	–	52	45				
	Ushant...	29.64	52	SW	6	o	29.48	*	51	-1	S	6	f	5	–	52	46				
	Brest (St. Mathieu) ...	29.70	50	SW	5	o	29.52	-05	56	0	S	5	f	4	004	54	48				
	Rochefort (Ile d' Aix)	29.92	51	SW	4	o	29.76	+04	47	-3	SSE	3	c	*	–	54	46				
	Biarritz	29.88	54	NE	3	b	29.77	-04	50	-2	E	3	o	4	–	63	46				
	Paris	29.78	53	SW	4	o	29.74	-01	48	-2	SSW	3	o	*	–	55	47				
	Belfort	29.90	47	WSW	7	o	29.90	*	41	-5	WSW	2	c	*	–	50	39				
	Lyons	29.97	53	–	0	bc	29.91	*	44	-2	–	0	bc	*	–	62	38				
	Nice	29.91	56	NE	1	b	30.00	+02	48	+2	NE	3	c	2	–	61	45				
	Perpignan	29.95	57	E	2	b	29.90	-01	51	-1	NE	2	o	*	–	68	45				
	Sanguinaire	*	55	W	2	m	*	*	54		E	3	bc	4	–	59	50				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.97	59	SSW	3	c	29.69	-08	54	+4	SSE	6	o	3	–	61	50				
	Madrid...	30.01	60	WSW	2	o	30.02	00	47	-2	SW	1	o	*	–	68	46				
	Lisbon (9 a.m.) ...	30.03	53	SSE	3	o	29.87	00	58	+6	SSW	5	o	5	012	58	52				
	Gibraltar	30.11	57	NW	5	bc	30.04	*	57		W	3	bc	1	–	64	56				
	Rome	30.01	54	S	1	b	30.06	+02	54	+4	SE	1	o	*	–	63	50				
	Azores (Horta, 8 a.m.)	29.95	*	NW	4	r	30.27	+06	50	-5	NNW	4	bc	4	012	59	48				
	Madeira (Funchal) ...	30.03	62	SW	5	o	29.95	-01	62	+2	SW	5	o	4	004	63	54				

GALES.

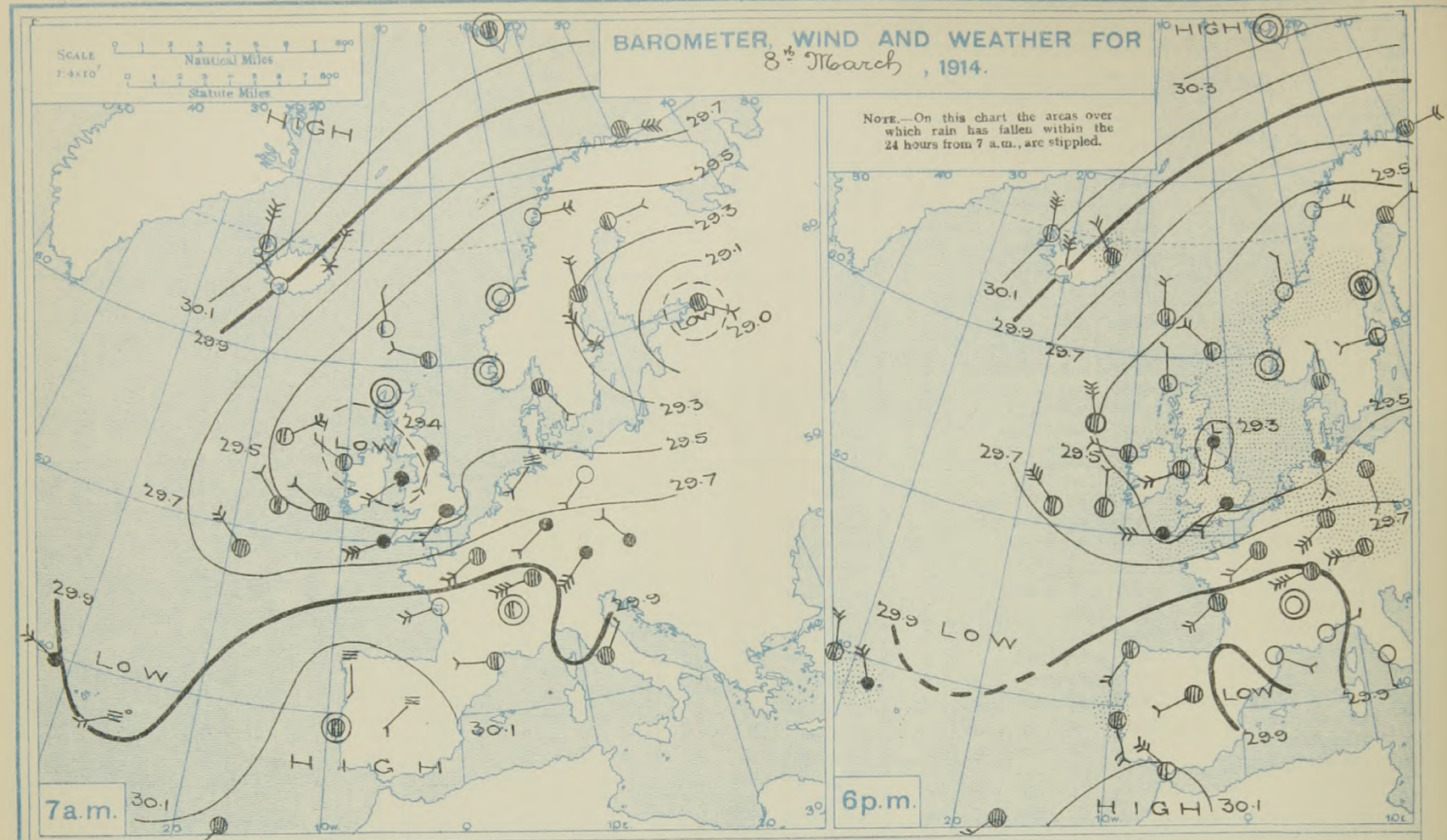
Duration and Extreme Force in British Islands.

Falmouth 6 p.m. SSW 8.

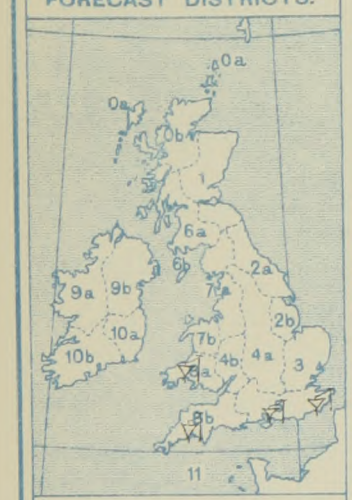
Dungeness 9 a.m.-5 p.m. SSW 8.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.



STORM WARNINGS.

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

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

South Cone hoisted at 9.7 a.m. in Districts 5 & 8.

0 {a, b}, 1, 2 {a, b}: Light variable or Northerly winds; mostly fair or fine; temperature low, sharp frost at night, with mist or fog locally.

3, 4 {a, b}: Wind variable or Northerly, light; some rain and mist, then fairer, but foggy or misty in places; cold, frost locally at night.

5: Wind variable, decreasing in force on Channel; some rain and mist, then improving; but misty or foggy in many places; temperature low, some frost at night.

6 {a, b}, 7 {a, b}: Same as Nos. 0 to 2.

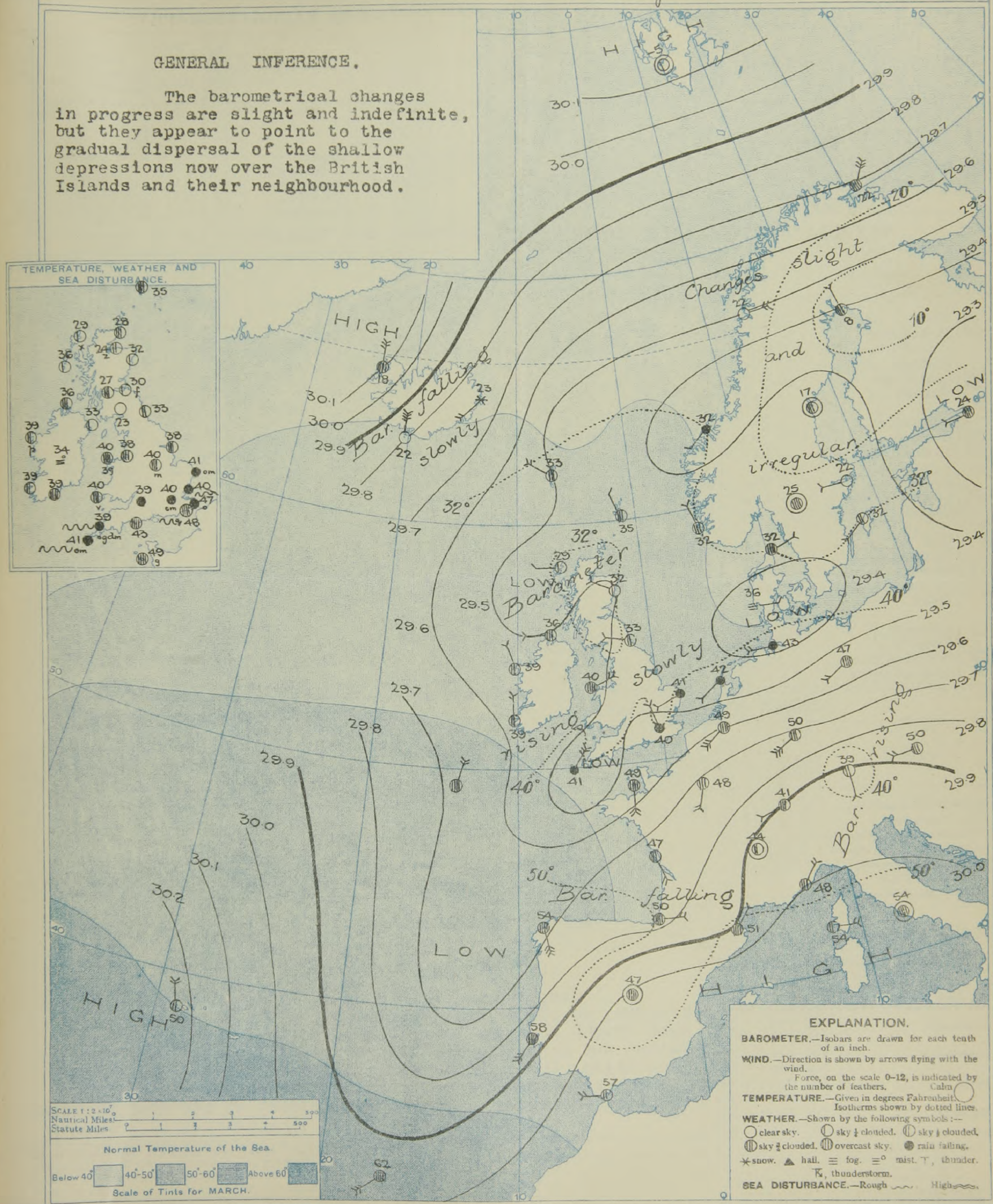
8 {a, b}: Wind mainly Northerly, light or moderate; some rain and mist, then fair, fog or mist locally; temperature low, some frost at night.

9 {a, b}, 10 {a, b}: Northerly or variable winds, light; mostly fair, some mist; temperature low, frost inland at night.

Western Channel and Bay. 11: Wind variable, decreasing in force; sea rather rough to moderate; some rain and mist or fog, then fairer, fog locally.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Monday, 9th MARCH, 1914.



DAILY WEATHER REPORT. Monday, 9th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	
9th, 7 a.m.	51	13	Carthaginian	O	29.58	+.10	NNW	6-7	bc.
" "	49	13	Manitou	O	29.68	+.08	NNE	4-5	o
8th, 6 p.m.	50	16	Mauretania	O	29.69	+.22	NW	6-7	c
" "	49	15	Minnewaska	H	29.64	-.03	N	4-5	?
" "	54	12	Numidian	H	29.51	-.02	NNW	6-7	c
" "	51	11	California	H	29.50	.00	N	1-3	c

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	
8th, 6 p.m.	55	8	Ionian	O	29.44	.00	W	1-3	o
" 1 p.m.	51	12	Turcoman	H	29.43	+.01	NE	4-5	bc.
" 7 a.m.	48	19	Minnewaska	H	29.65	+.01	NNW	4-5	o
" "	50	16	California	H	29.51	-.01	NW	1-3	c
" "	54	15	Numidian	H	29.48	-.01	ENE	4-5	bc

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	0.28	42	32	os.c.	c.bc.o.	0.2
	Scarborough	*	41	37	or	o	0.0
	Skegness	0.27	51	?	r	bc.	0.0
Eng. N.W.	Morecambe						
	Blackpool	0.23	42	39	o.or.o	o.bc.c.	0.6
	Southport	0.18	46	39	r.o	o.c.o.c	0.0
Midlands.	Buxton	0.19	45	35	bc	bc	0.0
	Leamington Spa	0.35	54	40	o.c.o	o	0.1
	Malvern	0.28	52	49	p	c.o.	0.0
Wales.	Rhyl	0.20	49	40			0.3
	Colwyn Bay	0.17	47	42	od	bc.o.	0.2
	Llandudno	0.19	48	44	c.	bc.	1.3
	Aberystwyth	0.39	47	40	o	o	0.0
	Tenby						
England. E.	Lowestoft	0.29	55	39	or.cp	c.o.c.	0.1
	Felixstowe	0.30	54	41	m.or.c.	cm.or	0.1
	Walton-on-Naze	0.22	52	41	o.c.	cd.or	0.0
	Southend-on-Sea	0.13	52	39	d.eo	o	0.1

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.16	51	40	o	o.or.	0.0
	Ramsgate	0.09	50	40	bc.	o	0.0
	Folkestone	0.15	48	44	or	o	0.0
	Hythe						
	Littlestone	*	*	*	*	*	0.0
	Hastings	0.19	49	45	or	od	0.0
	Bexhill-on-Sea	0.16	49	45	or	or	0.0
	Eastbourne	0.25	49	45	odq	odq	0.0
	Seaford						
	Brighton	0.24	48	46	r.o.or.	or	0.0
	Worthing	0.27	49	46	qr	qr	0.0
	Littlehampton	0.17	*	*	*	*	0.0
	Southsea	0.26	53	46	o	or	0.0
	Ryde						
	Ventnor	0.30	54	44	*	*	0.0
	Bournemouth	0.20	50	45	d	or	0.0
England, S.W.	Weymouth	0.18	50	47	oe.d	d.o	0.0
	Exmouth						
	Teignmouth	0.21	53	47	od.r	or	0.0
	Torquay	0.34	56	47	d.o	or.o	0.0
	Paignton	0.40	53	47	r	r	0.0
	Falmouth	0.76	51	48	orq	orq	0.0
	Bude	0.54	51	46	or	or	0.0
	Ilfracombe	0.54	52	42	or	or	0.0
	Weston-super-Mare	0.50	51	45	or	r	0.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-Day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	90	97	0.0	53	39	39	0.71	o	or	or
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	95	98	0.0	53	40	43	0.70	od.	r	rm
Camden Sq. (Brit. Rainfall)	-	95	0.0	53	39	40	0.72	-	-	*
Hampstead (Reservoir)	*	100	0.0	51	36	?	0.71	or	or	or
Richmond Park	*	*	0.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	-	93	0.0							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
213 Joules	5.3 Milliwatts.	15.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.17	49	43	41	r.c	cq.b.	cq	0.0
Plymouth to 9 p.m.								
Darwen "								
Manchester "	0.21	47	39	*	o.or	omr	oc.	0.0
Birmingham "	0.34	51	40	37	r	r.o	o	0.0
Oxford to 8 p.m.	*	52	44	41	oor	or	or	*
S. Kensington (Museum Grounds to 6 p.m.)	0.17	53	45	41	oc.d.o	o.op.	o.or	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

9th & 10th March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.24 / 6.22	12.4 / 12.4	5.43 / 5.45
Greenwich	6.31 / 6.29	12.11 / 12.11	5.51 / 5.53
Wick	6.49 / 6.47	12.23 / 12.23	5.56 / 5.59
Valencia	7.13 / 7.11	12.52 / 12.52	6.32 / 6.34

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 50° in many parts of the Kingdom, to 55° at Great Yarmouth and 56° at Torquay. Much bright sunshine was recorded in the Hebrides and at Nairn, but generally the weather was dull, with rain in many localities, the quantity being large in the south and east. According to wireless reports light to moderate winds from the North-Westward prevailed as far west as the 19th 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 10th March 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.52	36	NW	2	c	29.48	-.01	33	-2	W	2	bc	1	0.01	43	31	bc	bc	cs bx	*
	Stornoway	29.56	34	NNE	2	o	29.63	+.02	33	+4	NW	2	bc	2	0.04	42	29	bc.odp	osp	o bcps	?
	Castlebay (Barra Isd.)	29.55	37	NW	3	c	29.63	+.01	34	-2	N	1	bc	2	0.08	41	32	bcp	cps.bc	csp.bc.	2.7
	Glasgow	29.53	37	W	1	or	29.58	+.02	29	+2	W	1	bcx	*	trace	40	25	cm.	cg.opg	pbc.bx	1.6
	Eskdalemuir ...	29.56	29	NNW	1	b	29.60	+.02	24	+1	–	0	c	*	–	39	18	b.bc	bc	c.bc.c.	7.8
	Malin Head... ...	29.54	40	NNE	5	bc	29.63	+.03	36	0	N	3	c	3	0.05	43	35	bc	bcpq	cmps	*
	Blacksod Point ...	29.67	42	N	5	bchpu	29.75	+.01	37	-2	NNW	3	bc	2	0.07	45	33	c.op.	bcrph	bcph	*
	Valencia	29.67	42	NNW	5	c	29.86	+.04	37	-2	NNW	4	cp	4	0.11	45	35	bc	cph	cp	5.5
	Roche's Point ...	29.60	44	N	4	b	29.82	*	37	-2	WNW	3	b	2	0.01	47	36	c.bc	bcp.b	b	*
	Birr Castle	29.59	40	NW	1	c	29.76	*	30	-4	W	1	b	*	0.02	47	30	c	cph	bx	6.4
	Donaghadee ...	29.54	40	WNW	3	c	29.61	+.02	35	+2	W	4	cm	2	0.02	41	32	bc	cp	bcp.bc.	*
	Liverpool Obsy. ...	29.52	39	N	2	bc	29.60	+.03	36	-2	W	4	cp	3	0.02	41	35	o.cm	o3	op	0.0
	Holyhead	29.56	41	NNE	2	bc	29.68	+.04	39	-1	WNW	5	cm	4	0.10	46	36	bcm	bc	bc.cph	5.8
	Pembroke (St. Ann's Hd.)	29.53	42	NNW	1	bc	29.73	+.03	39	-1	NW	4	bq	4	–	45	38	cv	cgv	bc	0.1
	Newquay	29.50	42	NNW	5	o	29.76	+.04	42	+3	N	5	bcv	5	0.22	44	36	orsmo	c.bc	bcpv	1.4
	Scilly (St. Mary's) ...	29.50	42	NNW	5	c	29.78	+.06	41	0	NNW	5	bc	5	0.25	45	37	bcp	cq	cq.bcp.	0.9
	Jersey (St. Aubin) ...	29.40	50	SW	4	orm	29.74	*	41	-8	NW	3	bm	3	0.24	51	40	opd.or	opd.op	ot.o bc	0.0
	Portland Bill ...	29.39	38	N	5	c	29.66	+.06	41	-2	NW	4	b	3	0.72	43	36	or	or.c	c.bc.	*
	Dungeness	29.36	48	SSW	4	r	29.59	+.04	36	-12	W	1	bc	1	0.54	49	35	opq	or	ot.c.bx	*
	Dover	29.35	47	SSW	6	or	?	*	37	-10	WNW	4	b	3	0.69	48	35	op	or	ot.b	0.0
	Wick	29.52	38	SSE	2	c	29.55	+.01	30	+2	W	2	bcx	2	–	41	28	bcz	bc c.	cm.bc.	*
	Nairn	29.50	37	–	0	bcz	29.58	*	32	+8	W	1	cg	2	0.41	42	23	b	br	bcs	8.7
	Aberdeen	29.54	37	SE	1	bc	29.56	+.02	28	-4	W	1	b	2	–	43	28	b.bc	bc.b	bc.bx	4.8
	Leith	29.51	36	ESE	2	c	29.56	+.03	32	+2	WSW	2	of	*	–	40	29	o.bc	cz	f	*
	North Shields ...	29.52	40	NNE	2	bc	29.55	+.02	29	-4	WNW	3	b	3	–	43	28	bc	c	bx	3.9
	Spurn Head ...	29.46	39	N	2	o	29.51	+.02	37	-1	NW	5	c	5	0.03	42	35	o	or	c	0.0
	Yarmouth	29.44	37	NE	2	or	29.50	+.03	37	-4	WNW	4	bc	2	0.55	42	36	orm	or	or.bc	0.0
	Clacton-on-Sea ...	29.38	38	NNE	3	org	29.56	+.06	36	-4	WNW	2	bcm	1	0.68	40	35	org	org	or.bcm	0.0
	Nottingham... ...	29.48	39	N	2	r	29.60	*	32	-8	W	2	bm	*	0.05	41	29	codm	cm	dm o.	0.0
	Bath	29.47	39	N	2	o	29.69	*	34	-5	NW	1	b	*	0.39	41	32	rs	or.	o.b.	0.0
	London (Kew Obsy.)...	29.42	35	NE	2	orm	29.64	+.06	34	-6	NW	2	bmx	*	0.57	40	34	ogrm	orms	ormcmx	0.0
ICELAND, FAEROE, &c.	Spitzbergen	30.13	-6	–	0	s	30.05	-.02	-1	+4	–	0	o	*	*	0	-6				
	Isafjord...	30.06	22	N	3	o	30.05	.00	17	-1	E	2	bc	*	*	*	*				
	Reykjavik	29.92	25	NNE	2	b	29.90	.00	17	+5	–	0	b	*	*	*	*				
	Vestmanna	29.79	27	N	3	b	29.78	-.01	27	+5	N	2	b	1	*	*	*				
	Seydisfjord	29.79	28	W	2	s	29.75	+.01	26	+3	NW	3	o	*	*	*	*				
	Thorshavn	29.49	32	WNW	5	s	29.49	+.01	30	-3	N	2	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.61	22	NE	6	s	29.54	-.02	22	0	NE	8	s	4	?	23	19				
	Bodö	29.55	21	E	2	b	29.58	.00	20	-2	ENE	2	bc	1	–	23	16				
	Christiansund ...	29.48	34	–	0	c	29.47	+.01	34	+2	–	0	c	3	0.04	34	30				
	Skudesnaes	29.54	32	–	0	b	29.53	-.01	31	-1	E	2	b	1	–	39	30				
	Færder (X'iania Fjord)	29.52	32	WSW	2	b	29.56	+.02	22	-9	NNE	2	f	1	–	32	21				
	The Scaw (Skagen)...	29.55	34	S	1	c	29.53	.00	34	-2	ESE	1	c	0	–	37	28				
	Blaavands Huk ...	29.50	34	ENE	1	o	29.40	?	33	-3	ENE	3	o	2	0.08	37	32				
	Haparanda	29.39	21	N	2	bc	29.35	-.01	19	+11	NNW	2	o	*	–	21	7				
	Hernösand	29.49	16	–	0	b	29.52	+.01	6	-11	–	0	b	*	–	25	1				
	Stockholm	29.50	28	N	2	o	29.55	.00	25	+3	WSW	2	s	*	trace	30	21				
	Wisby	29.50	31	N	2	c	29.56	.00	31	-1	WNW	2	c	*	–	36	28				
	Karlstad	29.52	29	WSW	2	c	29.58	+.02	22	-3	–	0	bc	*	–	34	16				
	St. Petersburg ...	29.41	23	W	1	s	29.47	+.02	19	-5	WSW	1	o	*	–	32	18				
CENTRAL EUROPE.	Berlin	29.56	52	S	2	o	29.36	-.04	49	+2	S	3	o	*	0.12	54	46				
	Frankfurt	29.63	54	–	0	m	29.51	+.02	52	+2	SW	5	c	*	0.16	55	48				
	Munich	29.71	52	SSW	1	c	29.64	-.01	48	+9	SW	2	c	*	–	57	39				
	Vienna	29.69	50	W	1	bc	29.65	-.01	39	-11	W	1	b	*	–	59	37				
	Cuxhaven	29.47	41	E	1	r	29.23	-.06	36	-7	E	4	r	2	0.67	45	36				
	The Helder	29.43	38	NE	3	r	29.35	+.04	40	-2	W	4	c	3	0.32	43	37				
	Brussels	29.47	51	SSW	3	r	29.51	?	41	-8	WNW	3	o	*	0.16	56	40				
FRANCE.	C. Gris Nez... ...	29.39	47	SSW	6	r	29.57	+.04	39	-8	WNW	3	bc	5	0.47	50	39				
	La Hêve	29.43	50	SSW	5	o	29.67	*	41	-6	NW	4	o	4	0.08	52	37				
	Ushant...	29.57	?	N	5	c	29.77	*	?	?	N	5	c	4	–	50	41				
	Brest (St. Mathieu) ...	29.47	45	N	5	o	29.79	+.04	45	-5	N	4	bc	3	0.35	54	41				
	Rochefort (Ile d' Aix)	29.61	52	SSW	5	r	29.73	+.06	45	-2	N	5	o	*	0.24	59	45				
	Biarritz	29.80	63	S	3	o	29.73	.00	50	0	SSE	3	o	2	0.20	64	48				
	Paris	29.50	59	SSW	5	o	29.64	+.06	43	-5	WNW	3	o	*	trace	61	42				
	Belfort	29.68	57	WSW	4	o	29.64	*	49	+8	WSW	3	o	*	0.12	62	41				
	Lyons	29.72	55	S	8	b	29.63	*	54	+10	S	2	o	*	–	66	44				
	Nice	29.97	51	–	0	r	29.88	-.03	48	0	–	0	r	?	0.24	54	48				
	Perpignan	29.79	53	NE	2	o	29.66	-.05	50	-1	NE	1	o	*	0.04	57	49				
	Sanguinaire	*	55	S	3	c	*	*	53	-1	SE	3	m	3	–	63	50				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.65	60	SSE	3	o	30.01	+.08	51	-3	NNW	6	o	6	0.12	61	46				
	Madrid...	30.05	53	S	2	r	29.80	+.01	48	+1	S	2	o	*	0.16	54	47				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.00	57	SW	3	o	29.88	*	58	+1	W	5	r	2	0.33	66	56				
	Rome	30.06	55	S	1	b	29.99	+.05	55	+1	SE	1	bc	0	–	64	52				
	Azores (Horta, 8 a.m.)	30.36	*	NNE	4	b	30.47	.00	48	-2	NW	3	c	1	–	55	48				
	Madeira (Funchal) ...	29.97	55	N	5	b	30.06	+.05	51	-11	N	5	r	4	0.28	66	50				

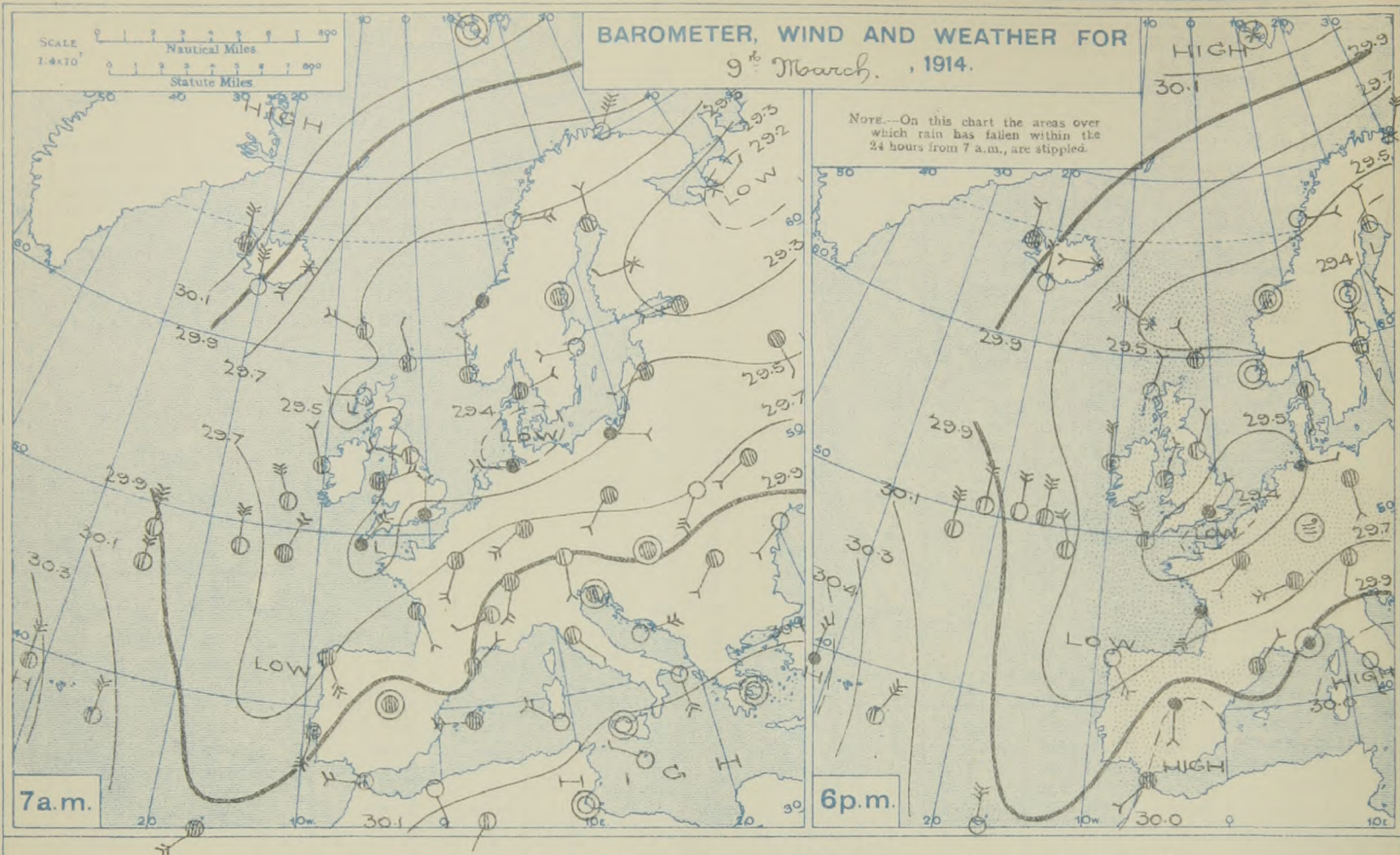
GALES.

Duration and Extreme Force in British Islands.

* Information for these columns not usually received.

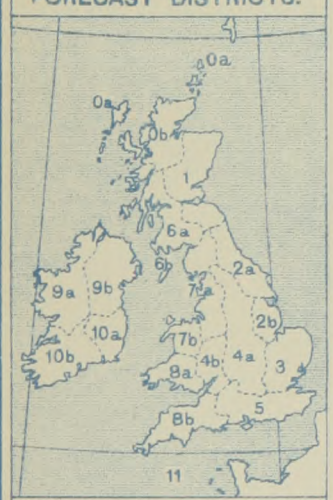
† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 9th March, 1914.



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

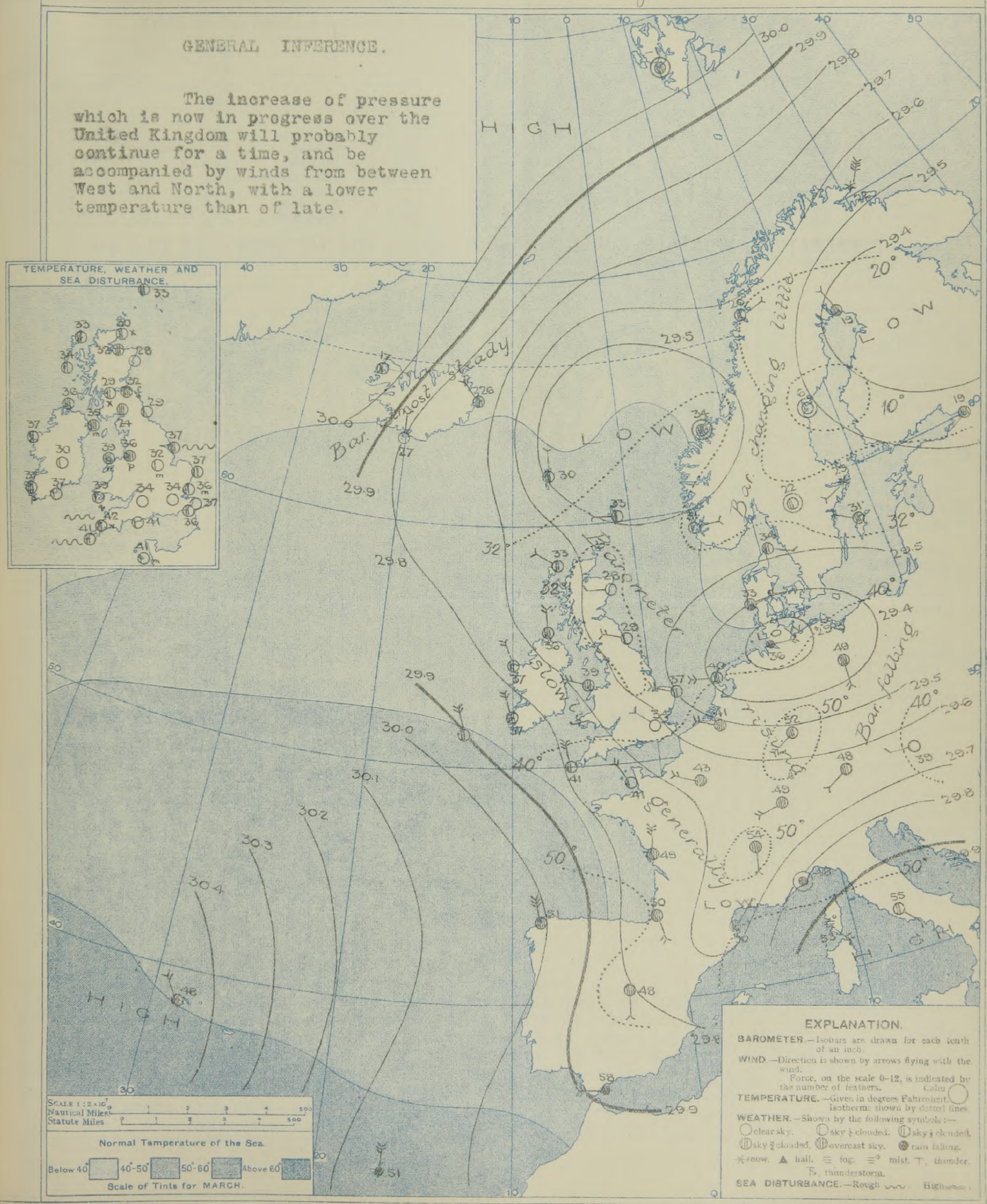
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b; 1	Wind light, mainly between North-West and West; mostly fair or fine; temperature low, sharp frost at night.
2 a, b	Light North-Westerly wind; some local showers of sleet or snow, otherwise fair; cold, frost at night.
3	Same as No. 5.
4 a, b	Same as No. 2.
5	Wind mainly North-Westerly, light or moderate; fair or bright generally; temperature low, frost at night.
6 a, b	Same as Nos. 0 and 1.
7 a, b	Same as No. 2.
8 a, b	Same as No. 5.
9 a, b; 10 a, b	Wind light or moderate between North and North-West; mostly fair, some local showers; temperature low, frost at night.
Western Channel and Bay. 11	Wind North-Westerly or Northerly, fresh to moderate or light; sea rather rough to moderate; fair generally.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 10th MARCH, 1914.



DAILY WEATHER REPORT. Tuesday, 10th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
10th, 7 a.m.	51	13	Dominion	H	29.90	+02	NNW	4-5	bc.
9th, 6 p.m.	50	20	Canada	O	30.01	+05	NNW	4-5	bc
" "	49	16	Manitou	O	29.99	+01	N	4-5	m
" "	49	15	Corinthian	H	29.80	-08	WNW	6-7	b.
" "	49	15	Zeeland	O	29.92	+10	N	4-5	bc
" "	49	13	Marquette	H	29.80	+01	NNW	4-5	bc.
" 1 p.m.	49	12	Zeeland	O	29.74	+04	NE	6-7	bc

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
9th, 7 a.m.	49	23	Mauretania	O	?	?	N	6-7	bc.
" "	47	23	Olympic	H	29.99	-01	N	4-5	b
" "	49	17	Marquette	H	29.80	+02	N	6-7	bc.
" "	50	16	Empress of Britain	O	29.46	+06	N	4-5	bc.
" "	50	20	Dominion	H	29.86	+01	NNW	4-5	bc.
" "	49	15	Minneapolis	O	29.59	+10	N	6-7	c
" "	49	10	Minnewaska	H	29.55	-01	NNE	6-7	?

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban	–	41	34	bc.cs.	bc.	2.4
	St. Andrews	0.04	42	27	b	b	7.9
Eng., N.E.	Harrogate	–	40	33	o.c.	c.o.	0.0
	Scarborough	*	43	35	o	o	0.0
	Skegness	0.15	49	*	og	d.h.	0.0
Eng., N.W.	Morecambe	0.02	44	35	bc.	b	4.5
	Blackpool	–	44	33	o	c	2.6
	Southport	0.11	43	34	o.c.	c.o.c.	0.5
Mid-lands.	Buxton	0.01	43	33	c	c	0.0
	Leamington Spa	0.25	43	38	od	od	0.0
	Malvern	0.25	50	36	r	o	0.0
Wales.	Rhyl	–	42	39	o	o	0.0
	Colwyn Bay	–	43	38	c.bc.	bcp.bc.	2.2
	Llandudno	–	45	40	o	bc.	2.7
	Aberystwyth	–	45	40	o.c.o.	o.c.	0.1
	Tenby	0.10	49	44	o	p	0.0
England, E.	Lowestoft	0.91	43	36	op	or	0.0
	Felixstowe	0.77	41	36	m.or	m.or	0.0
	Walton-on-Naze	0.93	40	38	omd.or	or.ogr	0.0
	Southend-on-Sea	0.90	41	37	r	r	0.0

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.50	50	41	or	or	0.0
	Ramsgate	0.45	49	40	r	r	0.0
	Folkestone	0.54	48	46	or	r	0.0
	Hythe	0.36	50	47	c.or	r	0.0
	Littlestone	*	*	*	*	*	0.0
	Hastings	0.63	49	47	or.o	or	0.0
	Bexhill-on-Sea	0.56	49	47	or	r	0.0
	Eastbourne	0.57	50	47	o	orq	0.0
	Seaford	0.61	50	36	r	r	0.0
	Brighton	0.71	48	47	or	or	0.0
	Worthing	0.70	49	44	r	r	0.0
	Littlehampton	0.37	*	*	*	*	0.0
	Southsea	0.96	50	42	or	or	0.0
	Ryde	0.70	50	40	r	r	0.0
	Ventnor	0.78	48	37	*	*	0.0
	Bournemouth	1.00	42	36	or	or	0.0
England, S.W.	Weymouth	0.92	41	36	or	or.c.	0.0
	Exmouth	0.77	40	38	b.or	o	0.0
	Teignmouth	0.95	41	35	ors	or.c.	0.0
	Torquay	0.87	41	39	r.o	o	0.0
	Paignton	0.96	45	34	ors.r	r.c.	0.1
	Falmouth	0.83	44	35	or.c	o.c.	0.8
	Bude	0.70	51	35	r	o.bc.or	0.2
	Ilfracombe	0.65	43	37	or.o	du.ce	0.0
	Weston-super-Mare	0.60	45	37	r	o	0.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	95	78	0.0	41	34	28	0.72	or	or	or.c.bz
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	97	85	0.0	42	34	33	0.55	r	r	rs. b
Camden Sq. (Brit. Rainfall)	98	80	0.0	41	32	31	0.53	or	or.os	*
Hampstead (Reservoir)	*	83	0.0	47	31	?	0.45	or	ors	ors.cxb
Richmond Park	*	*	0.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	95	78	0.0							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
57 Joules	1.4 Milliwatts.	5.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.01	46	35	33	bcp.o	fc.b.	bc.	0.1
Plymouth to 9 p.m.	0.73	50	37	36	o	or	c.b	0.1
Darwen ,,	0.08	40	32	31	ou.r	ou	ou.c.	0.0
Manchester ,,				*				
Birmingham ,,	0.07	43	36	37	*	r	o	0.0
Oxford to 8 p.m.	*	51	35	33	or.ogm	ogm.ors	ors.or	*
S. Kensington (Museum Grounds to 6 p.m.)	1.12	51	35	32	o.or	orgf.	or.ors	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

10th & 11th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.22 / 6.20	12.4 / 12.3	5.45 / 5.47
Greenwich	6.29 / 6.26	12.11 / 12.10	5.53 / 5.55
Wick	6.47 / 6.44	12.23 / 12.22	5.59 / 6.1
Valencia	7.11 / 7.8	12.52 / 12.51	6.34 / 6.35

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 45° generally, but touched 50° at some stations in the extreme south. A considerable quantity of precipitation, partly consisting of sleet and snow, fell over the greater part of England and Ireland; at several stations in the south of England the figure exceeded 0·5 in. Except in some Irish and Scottish localities and in north Wales the day was very cloudy or quite overcast. Wireless reports show that a moderate to fresh or strong breeze prevailed between the Irish coast and 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; 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 11th March, 1914.

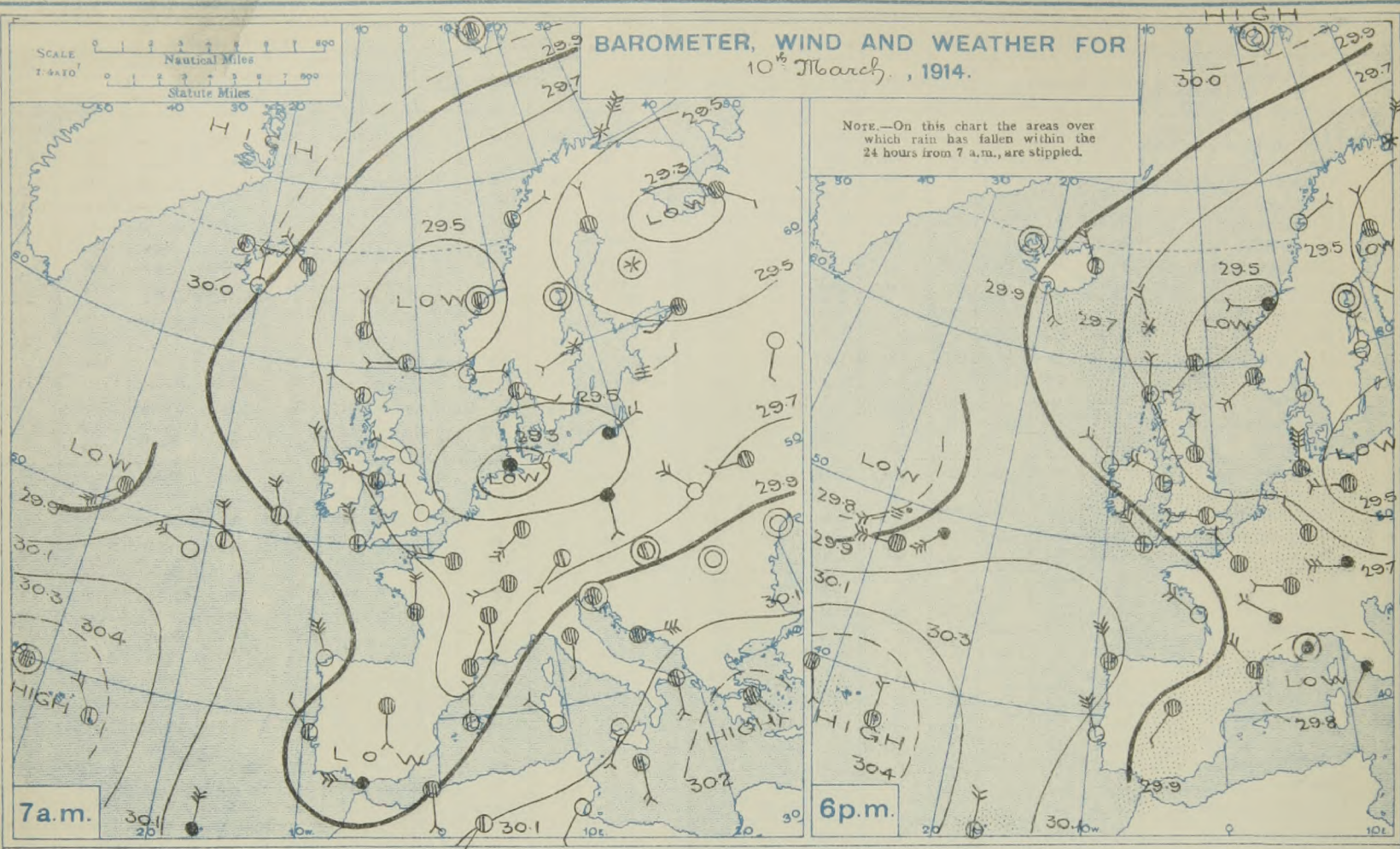
	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rain-fall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sun-shine for Yester-day.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.50	37	SW	2	c	29.64	+.07	33	0	WNW	2	c	1	0.24	40	30	bcps	bc os	os.bc.	*
	Stornoway	29.70	34	N	3	csp	29.81	+.04	33	0	W	2	c	2	0.20	40	31	cps	cps	cps	?
	Castlebay (Barra Isd.)	29.74	37	WSW	3	bc	29.83	+.01	36	+2	–	0	bc	1	0.14	42	33	sp.bc	sp.bc	bsp.bc	5.0
	Glasgow	29.70	37	WNW	3	b	29.86	+.05	32	+3	W	2	bc	*	0.01	42	28	bcv	chp.bc	bbc.cx	5.6
	Eskdalemuir ...	29.73	32	NNW	1	bc	29.90	+.05	26	+2	SW	2	bc	*	–	37	22	c.o	asp.bc	bc.bx	2.1
	Malin Head... ...	29.78	34	W	2	bc	29.87	+.01	36	0	WSW	2	bc	2	0.01	41	32	cps	cpsv	cps.x	*
	Blacksod Point ...	29.87	41	NW	3	c	29.88	–.01	41	+4	SW	1	cv	2	0.12	43	33	bcsph	bcpsh	c.bc.	*
	Valencia	29.95	40	–	0	cv	29.96	–.02	38	+1	ENE	1	c	4	0.09	46	36	cph	cph	c.bp	5.6
	Roche's Point ...	29.93	41	N	4	bc	30.00	*	36	–1	NE	1	o	1	0.01	45	35	b.bc	bcps	b.o.	*
	Birr Castle	29.85	40	NW	1	c	29.96	*	31	+1	–	0	f	*	–	43	30	c	c	xf	7.3
	Donaghadee ...	29.78	38	NW	3	bc	29.93	+.03	31	–4	W	3	bx	2	0.01	42	29	bc	bc	bcx	*
	Liverpool Obsy. ...	29.76	37	WNW	3	bc	29.92	+.04	34	–2	WSW	4	bcsp	3	0.15	43	33	ohs.bc	os b.	bcs	3.9
	Holyhead	29.78	41	WNW	4	bc	29.94	+.03	37	–2	W	4	bc	3	0.03	43	36	c.bc.c	c.bcph	cph.o.c	7.3
	Pembroke (St. Ann's Hd.)	29.83	42	WNW	4	c	29.99	+.03	39	0	WNW	3	bv	3	–	43	38	bq	bc	cqp	8.8
	Newquay	29.85	43	W	6	bcv	30.00	+.03	43	+1	NW	5	bc	5	0.03	45	40	bcv	bcph	bcp	7.5
	Scilly (St. Mary's) ...	29.91	42	NW	6	bcq	30.02	+.02	43	+2	WNW	4	bc	4	0.09	47	38	cpq	cpsq	bcq.bc	7.5
	Jersey (St. Aubin) ...	29.89	46	WNW	3	b	30.06	*	40	–1	NW	3	b	3	0.14	48	35	c.opb	b.bc	cphs.b	9.3
	Portland Bill ...	29.84	42	WNW	5	bc	30.00	+.04	40	–1	NW	4	b	3	0.02	46	38	bc	bc.cp	bcph	*
	Dungeness	29.76	40	WSW	4	o	29.94	+.03	31	–5	NW	2	bx	2	–	49	28	c.bc	bc	bc.bx	*
	Dover	29.78	37	WNW	3	b	29.82	*	35	–2	NW	2	bx	2	0.01	44	29	b	b.bc.b	b.bx	5.8
	Wick	29.61	33	W	3	s	29.74	+.06	32	+2	W	2	bcm	3	0.05	40	29	bc	bc.c.os	cq.bcm	*
	Nairn	29.67	36	W	1	cg	29.80	*	32	0	W	1	bc	2	0.03	38	29	bv	cv	cps	5.3
	Aberdeen	29.67	37	WNW	2	b	29.78	+.04	33	+5	W	2	b	2	–	42	28	b.bc	bc.b	b	7.0
	Leith	29.68	37	W	2	c	29.83	+.04	33	+1	W	2	bq	*	0.01	38	31	c.ops	cps	cq.bc.	*
	North Shields ...	29.68	38	N	3	o	29.86	+.06	30	+1	WNW	3	b	3	0.04	44	28	b	oh	o.bbx	5.3
	Spurn Head ...	29.68	39	N	2	c	29.84	+.07	33	–4	WNW	4	bcmx	4	–	43	33	bc	c	bc	7.1
	Yarmouth	29.72	37	SW	2	cm	29.87	+.02	31	–6	W	2	bmx	1	0.08	45	30	bc	bc.osp	c.bmx	5.7
	Clacton-on-Sea ...	29.72	38	W	3	bc	29.91	+.06	32	–4	W	2	bx	1	0.06	45	31	bc	cpst	bc.bx	6.5
	Nottingham... ...	29.75	37	WNW	4	b	29.93	*	32	0	W	3	bmx	*	–	44	29	bcm	bcm	bm.c.	3.9
	Bath	29.81	41	W	2	o	30.00	*	33	–1	W	1	b	*	trace	46	32	b.bc.co	ops.c	c.bx	7.3
	London (Kew Obsy.)...	29.79	39	W	2	bc	29.97	+.08	31	–3	W	1	bmx	*	0.02	45	30	o.c.bcq	b.psu.cp	tc.bc.bmx	6.7
ICELAND, FÆROE, &c.	Spitzbergen	30.06	–9	–	0	b	30.02	.00	–21	–20	SE	1	b	*	*	–1	–26				
	Isafjord...	29.93	23	–	0	b	29.70	–.06	23	+6	–	0	c	*	*	*	*				
	Reykjavik	29.84	29	NE	2	bc	29.50	–.08	33	+16	E	7	o	*	*	*	*				
	Vestmanna	29.80	36	SSE	3	b	29.59	–.04	36	+9	E	8	r	2	*	*	*				
	Seydisfjord	29.84	30	NW	3	c	29.82	–.01	21	–5	–	0	c	*	*	*	*				
	Thorshavn	29.60	34	NNW	3	s	29.75	+.03	26	–4	–	0	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.54	23	NE	6	s	29.57	+.01	21	–1	NE	4	o	4	?	23	19				
	Bodö	29.64	21	ENE	2	b	29.74	+.04	15	–5	E	2	b	2	–	25	12				
	Christiansund ...	29.49	33	W	2	r	29.65	+.04	31	–3	NE	1	c	3	0.16	37	30				
	Skudesnaes	29.63	36	SW	4	o	29.66	.00	36	+5	SSE	6	c	3	0.12	37	30				
	Færder (X'iania Fjord)	29.59	27	–	0	b	29.67	+.04	23	+1	–	0	f	0	–	27	21				
	The Scaw (Skagen)...	29.60	33	NNE	1	b	29.69	+.03	32	–2	SW	2	c	0	–	34	32				
	Blaavands Huk ...	29.64	32	NNE	2	bc	29.80	+.04	35	+2	SSW	2	o	1	–	36	28				
	Haparanda	29.45	17	N	2	o	29.49	+.01	17	–2	NNW	2	o	*	–	19	16				
	Hernösand	29.55	17	–	0	b	29.64	+.04	17	+11	NW	2	b	*	–	25	5				
	Stockholm	29.54	27	N	2	b	29.63	+.03	20	–5	W	2	b	*	–	30	16				
	Wisby	29.51	30	NE	2	o	29.68	+.06	30	–1	WNW	2	b	*	–	34	28				
	Karlstad	29.58	23	–	0	b	29.68	–.02	14	–8	–	0	o	*	–	27	5				
	St. Petersburg ...	29.58	17	SW	1	b	29.48	–.04	16	–3	NE	1	f	*	–	19	7				
CENTRAL EUROPE.	Berlin	29.45	46	N	3	o	29.86	+.10	34	–15	NW	3	o	*	0.08	57	34				
	Frankfurt	29.71	43	NW	1	c	29.97	+.04	34	–18	SW	1	m	*	0.08	54	34				
	Munich	29.73	41	W	5	r	30.02	+.06	33	–15	SW	4	o	*	0.67	59	32				
	Vienna	29.48	50	W	2	bc	29.88	+.09	39	0	WNW	3	r	*	0.04	61	39				
	Cuxhaven	29.56	36	N	9	o	29.83	+.04	34	–2	W	3	bcx	0	0.08	43	32				
	The Helder	29.70	38	NW	1	c	29.84	+.02	37	–3	SSW	2	c	2	0.04	41	32				
	Brussels	29.78	37	N	2	o	29.93	+.05	32	–9	SW	2	b	*	trace	46	31				
FRANCE.	C. Gris Nez... ...	29.75	43	WNW	5	bc	29.95	+.04	38	–1	W	4	b	3	–	45	37				
	La Hève	29.89	43	NW	4	b	30.00	*	37	–4	WSW	4	o	4	0.28	48	34				
	Ushant...	29.96	46	NNW	5	c	?	*	46	–2	WNW	4	c	3	–	50	41				
	Brest (St. Mathieu) ...	29.98	45	NW	3	c	30.13	+.04	45	0	NW	4	bc	3	–	50	41				
	Rochefort (Ile d' Aix)	29.95	47	NW	4	bc	30.13	+.04	44	–1	NNW	3	b	*	–	52	41				
	Biarritz	29.97	50	N	3	c	30.16	+.04	44	–6	ENE	2	c	3	0.12	50	39				
	Paris	29.84	44	NW	3	b	30.02	+.04	34	–9	SSW	2	b	*	trace	49	32				
	Belfort	29.84	34	W	2	o	30.05	*	34	–15	W	4	m	*	0.39	57	33				
	Lyons	29.88	41	NW	3	r	30.07	*	36	–18	NW	3	b	*	0.71	55	36				
	Nice	29.77	50	–	0	r	29.71	.00	50	+2	–	0	o	2	0.28	52	48				
	Perpignan	29.80	52	NW	3	o	30.06	+.04	46	–4	NW	3	o	*	0.28	65	44				
	Sanguinaire	*	57	SE	3	o	*	*	54	+1	E	2	o	2	–	61	52				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.12	52	NNW	6	o	30.33	+.04	39	–12	NE	1	b	3	–	54	36				
	Madrid...	29.74	51	SW	1	o	30.10	+.09	40	–8	NNE	3	b	*	0.04	52	37				
	Lisbon (9 a.m.) ...	29.98	50	NNW	5	b	30.08	+.06	48	–4	N	5	b	5	–	57	45				
	Gibraltar						*														
	Rome	29.95	34	SW	1	r	29.88	+.03	35	–20	SE	1	o	*	–	64	34				
	Azores (Horta, 8 a.m.)	30.47	*	SW	4	o	30.37	–.01	59	+11	WSW	4	o	2	0.04	59	48				
	Madeira (Funchal) ...	30.28	54	N	4	bc	30.31	+.02	53	+2	N	4	o	4	0.04	57	52				

GALES.

Duration and Extreme Force in British Islands.

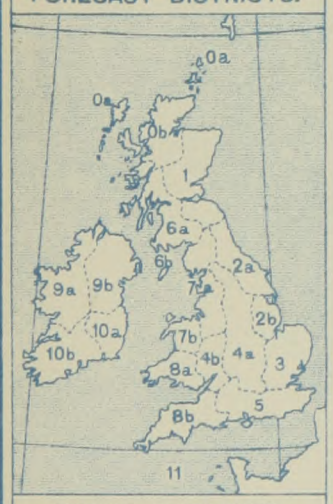
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS:

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

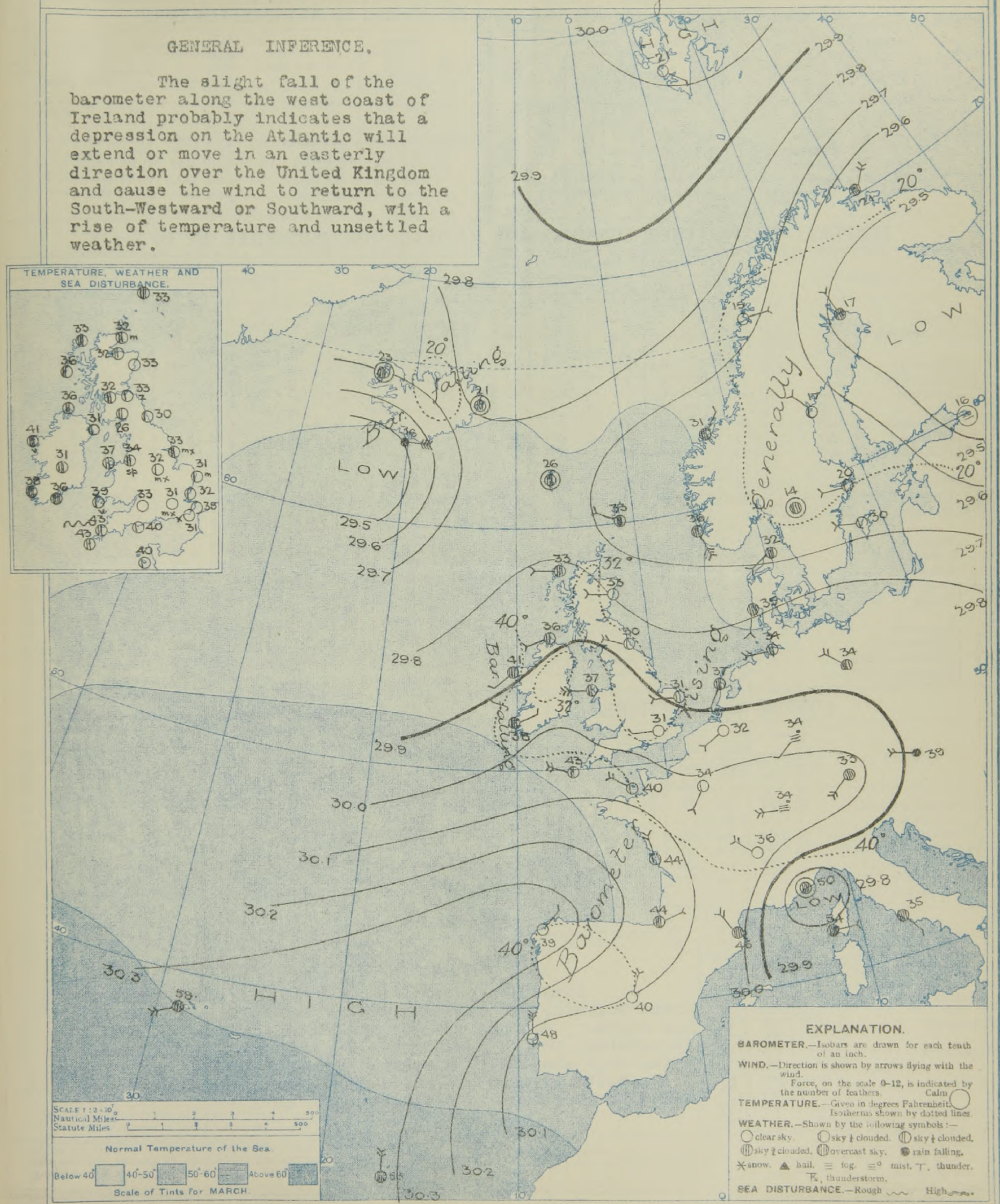
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b; 1	Wind Westerly to South-Westerly, light; mostly fair or bright to-day, less fine, and milder to-morrow.
2 a, b; 3	Wind mainly Westerly, light or moderate, backing towards South-West later; mostly fair or bright, but some local showers of sleet or snow; cold to-day; becoming milder to-morrow, and unsettled.
4 a, b; 5	Wind mainly Westerly to South-Westerly, light; fair or bright generally to-day with a low temperature, becoming milder and less fine to-morrow.
6 a, b	Same as Nos. 0 and 1.
7 a, b; 8 a, b	Westerly to South-Westerly or Southerly winds, light or moderate, then freshening; fair or fine and cold to-day; milder, with some rain to-morrow.
9 a, b; 10 a, b	Light to fresh or strong winds, mainly between West and South; becoming cloudy or overcast generally, with rain at times, and a rising temperature.
Western Channel and Bay. 11	North-Westerly to South-Westerly wind, light or moderate, then increasing; sea moderate to rather rough; fair or bright to-day, less fine to-morrow.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 11th MARCH, 1914.



DAILY WEATHER REPORT. Wednesday, 11th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
10th, 6 p.m.	48	29	Canada	O	29.76	-.03	SW	4-5	m
" "	47	28	Minneapolis	O	29.87	+.11	W	8-9	o
" "	48	23	Manitou	O	29.99	-.10	SW	6-7	r
" "	48	23	Zeeland	O	30.04	-.18	SW	6-7	o
" "	51	10	Dominion	H	29.90	+.01	WNW	1-3	bc.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
10th, 1 p.m.	49	10	Corinthian	H	29.94	+.01	WNW	4-5	b.
" "	49	6	Olympic	H	29.88	-.01	WNW	1-3	bc.
" 7 a.m.	50	28	Columbia	O	29.88	-.17	SW	6-7	o
" "	48	20	Manitou	O	30.22	+.02	WNW	4-5	b.
" "	49	18	Zeeland	O	30.17	+.05	NNW	4-5	bc.

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	–	42	30	bcs.	c.bc.	6.3
	St. Andrews	–	41	27	*	*	2.3
Eng. N.E.	Harrogate	–	41	28	b.bc.b.	b.bc.b.	4.1
	Scarborough	*	46	34	c.b	c.b.	5.0
	Skegness	0.05	44	*	b	bc	4.3
Eng. N.W.	Morecambe	–	43	30	b	b	6.5
	Blackpool	0.05	43	34	cph	cph	7.2
	Southport	0.04	43	33	bch.c.	c.bs.b.	5.6
Midlands.	Buxton	0.02	39	28	bcs	bcs	2.7
	Leamington Spa	0.02	43	30	c	c	4.0
	Malvern	–	45	37	b	bc	8.0
Wales.	Rhyl	0.29	42	34	cr.bc.	bc.o	2.3
	Colwyn Bay	0.10	44	35	ph	bc.b.bc.	6.0
	Llandudno	0.09	44	39	bhp	bhp	6.5
	Aberystwyth	–	42	32	h.o.c.	c.bc	6.2
	Tenby	0.07	45	36	b	c.b.	8.5
England, E.	Lowestoft	0.16	46	34	c.bc.c.	c.ops.	6.1
	Felixstowe	0.08	45	35	bm	bc.cu	5.8
	Walton-on-Naze	0.11	44	35	bm.bc.c.	cp.cg	6.1
	Southend-on-Sea	0.15	41	33	b	b.bc	7.0

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.29	45	37	b	b.sq.	8.1
	Ramsgate	0.46	44	36	b	bc	8.8
	Folkestone	0.33	46	36	r.b.	o.b.	6.9
	Hythe	0.63	47	38	b	s.bc.	8.3
	Littlestone	*	*	*			7.4
	Hastings	0.22	46	35	or.bc.b	b.bc.	6.0
	Bexhill-on-Sea	0.16	50	35	b	bc.c.	8.2
	Eastbourne	0.19	46	35	b	bc.b.	7.8
	Seaford	0.06	49	?	b	b	8.7
	Brighton	0.05	47	36	b.bc.c.	c.bcz	7.7
	Worthing	0.09	48	34	b.	h.b.bc.	8.2
	Littlehampton	0.02	*	*			9.4
	Southsea	–	47	35	b.bc.	p.bcs	7.6
	Ryde	0.05	46	36	b	b	8.5
	Ventnor	trace	48	34	*		9.3
	Bournemouth	–	47	33	b	b	8.7
England, S.W.	Weymouth	–	46	34	b	b.bc	8.7
	Exmouth						
	Teignmouth	–	47	35	b	bqhp.b.	8.7
	Torquay	0.01	46	34	b	bc	7.8
	Paignton	–	48	34	b	b	7.6
	Falmouth	0.05	48	37	b	c.bc.rh	8.3
	Bude	0.05	47	35	b	b	8.0
	Ilfracombe	0.09	50	36	bc	bc	5.7
	Weston-super-Mare	0.01	45	37	bh	b.bch.b.	7.7

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	F.°	F.°	F.°	In.			
				24 Hours ended 9 a.m. To-day.						
Greenwich (Royal Obsy.)	62	78	4.8	46	29	19	0.02	b	r.rs.sk	b.bx
City (Bunhill Row)	*	*	5.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	72	92	5.4	46	29	29	0.01	bc	csp	bx.
Camden Sq. (Brit. Rainfall)	62	66	6.4	47	28	28	–	b	bc	*
Hampstead (Reservoir)	*	80	6.3	45	28	18	–	bc	bcsp	bcxbm
Richmond Park	*	*	6.9							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	62	83	5.9							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
771 Joules	18.8 Milliwatts.	58.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.02	43	32	30	bx.c.	c.b.	bcph	0.0
Plymouth to 9 p.m.	0.03	47	34	27	c.b	c.b	c.bv.b	7.4
Darwen "	0.03	40	29	28	bc.os	o.b.pght	bc.ohs	5.0
Manchester "	0.10	43	31	*	c.os	bc	bcsc.os	3.8
Birmingham "	0.02	44	32	27	*	c	rs.s.c	5.2
Oxford to 8 p.m.	*	45	32	27	or.o.bc	bc	bc.c.pts	*
S. Kensington (Museum Grounds to 6 p.m.)	0.05	45	35	28	b.bz	bz.cpts	ogpts.o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

11th & 12th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.20 / 6.18	12.3 / 12.3	5.47 / 5.48
Greenwich	6.26 / 6.24	12.10 / 12.10	5.55 / 5.56
Wick	6.44 / 6.41	12.22 / 12.22	6.1 / 6.3
Valencia	7.8 / 7.5	12.51 / 12.51	6.35 / 6.37

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 40° in some parts of Great Britain, but exceeded 45° at many places in the west and south. Showers of snow and sleet occurred in most localities, but as a whole the day was very bright, sunshine being very abundant. According to wireless reports a strong South-Westerly wind prevailed on the Atlantic between the 20th and 30th meridians in about latitude 48°.

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.

Thursday, 12th March, 1914.

	STATIONS.	Yesterday Evening. Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	This Morning 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.				In.	In.	F.						In.	F.	F.				Hours.
BRITISH ISLANDS.	Lerwick	29.80	38	N	2	bc	29.67	-.04	37	+4	ESE	5	bcq	4	0.09	40	32	c	bc	bc.c	*
	Stornoway	29.77	41	SSE	3	o	29.35	-.03	38	+5	SE	5	or	5	0.32	45	32	b.r.c	bc.o	c.o.p	7
	Castlebay (Barra Isd.)	29.71	42	SSE	5	og	29.30	+.02	46	+10	WSW	4	cp	5	0.34	46	36	bc	bcog	ogr.cp	7.2
	Glasgow	29.89	39	SW	2	cq	29.45	-.04	33	+1	NE	2	odg	*	0.20	44	31	bc	bc.c	c.os.ts	8.0
	Eskdalemuir	29.90	34	SSW	3	bc	29.48	-.06	34	+8	SSW	2	or	*	0.20	42	25	bc	bcph	os.or	6.9
	Malin Head	29.69	40	SE	6	bc	29.37	+.08	45	+9	SW	6	c	4	0.28	45	34	bc	cg	cgr	*
	Blacksod Point	29.50	43	S	6	or	29.52	+.04	47	+6	WNW	5	cp	4	0.43	50	40	ogp	ogp.or	ogr.cp	*
	Valencia	29.58	48	S	5	rm	29.67	+.03	49	+11	WSW	5	bc	5	0.96	52	38	orm	orm	omr	0.0
	Roche's Point	29.76	46	S	5	r	29.67	*	49	+13	WSW	4	c	5	0.39	49	36	or	rm	r.o.cm	*
	Birr Castle	29.69	41	SE	2	r	29.59	*	45	+14	SW	2	bc	*	0.25	50	31	c	or	or.bc	0.2
	Donaghadee	29.84	41	SSW	3	c	29.45	+.03	47	+16	W	4	c	4	0.37	47	29	bc	bc	omr.cp	*
	Liverpool Obsy.	29.94	40	WSW	1	bc	29.50	-.08	47	+13	WSW	5	oq	4	0.32	48	34	rs.bc	b	oq	5.1
	Holyhead	29.90	42	S	5	ogvq	29.55	+.05	48	+11	W	6	cqz	5	0.47	49	37	c.bc.c	c.bc.o	or.o.c.	6.1
	Pembroke (St. Ann's Hd.)	29.91	44	SSW	4	o	29.64	+.03	48	+9	WSW	5	cqm	6	0.43	48	39	bv	c	ogr	3.5
	Newquay	29.97	44	SSW	2	or	29.74	?	50	+7	SW	3	om	4	0.68	50	43	cv	o.orm	or	0.8
	Scilly (St. Mary's)	29.94	47	SW	5	orm	29.77	+.03	50	+7	W	5	mr	5	0.37	51	41	bcp	cpr	oqp.fr	1.9
	Jersey (St. Aubin)	30.13	47	W	3	c	29.88	*	48	+8	SW	5	omd	5	0.47	49	40	cpq	cgp.c	or.omd	4.0
	Portland Bill	30.01	45	SW	4	c	29.67	-.03	49	+9	SW	8	or	6	0.71	49	40	bc	bc	c.or	*
	Dungeness	30.04	42	WSW	3	bc	29.77	-.05	44	+13	SSW	7	orq	7	0.36	48	31	b.bc	bc	c.bcqr	*
	Dover	30.05	39	W	2	bz	29.74	*	43	+8	SW	7	r	6	0.31	45	36	b	b.bc.b	b.bc.or	8.0
	Wick	29.83	36	W	2	bc	29.50	-.05	38	+6	SSE	7	omr	5	0.07	41	27	bcmpf	bcm	c.omr	*
	Nairn	29.82	34	–	0	bcz	29.42	*	37	+5	–	0	rsg	2	0.01	44	28	b	bc	z.c.	9.4
	Aberdeen	29.85	38	–	0	b	29.53	-.06	37	+4	SSE	5	r	4	0.12	45	32	b	bc.b	b.bc.or	9.6
	Leith	29.83	41	SSW	2	bc	29.44	-.09	35	+2	ESE	2	d	*	0.11	44	33	bz	b.bcz	cz	*
	North Shields	29.91	42	WNW	2	b	29.51	-.13	37	+7	SSW	3	r	2	0.08	44	29	bc	b	bc.r	8.9
	Spurn Head	29.93	42	W	3	c	29.55	-.15	40	+7	S	6	orq	5	0.16	45	33	bc	c	bc	8.3
	Yarmouth	30.00	41	WSW	2	bm	29.73	-.05	41	+10	S	4	or	3	0.11	45	29	bc	bm	bm.or	8.4
	Clacton-on-Sea	30.01	41	W	1	bc	29.71	-.10	43	+11	SSW	6	orq	5	0.12	46	31	b.bc	bc	bc.orq	9.0
	Nottingham	29.98	39	SSW	1	b	29.56	*	43	+11	SW	2	r	*	0.26	45	31	bcm	bm	bc.op	7.5
	Bath	30.01	44	W	2	o	29.66	*	49	+16	W	3	r	*	0.22	50	32	b.bc.c	c.o	or.d.	8.4
	London (Kew Obsy.)	30.04	42	W	1	cm	29.68	-.10	45	+14	SSW	4	or	*	0.38	45	31	x.bm.bc	bc.cm	cm.er	7.7
ICELAND, FAEROE, &c.	Spitzbergen	29.97	-25	SE	1	b	29.81	-.04	-27	-6	ESE	1	b	*	*	-21	-33				
	Isafjord	29.41	33	SE	5	o	29.23	-.02	36	+13	E	8	s	*	*	*	*				
	Reykjavik	29.23	35	E	9	o	29.03	-.01	36	+3	E	6	r	*	*	*	*				
	Vestmanna	29.27	37	E	10	r	29.06	+.03	39	+3	E	10	r	5	*	*	*				
	Seydisfjord	29.67	36	NE	3	c	29.42	-.02	39	+18	E	5	c	*	*	*	*				
	Thorshavn	29.78	39	ESE	4	c	29.50	-.06	39	+13	SE	7	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.63	20	NE	4	c	29.60	-.02	21	0	NW	8	o	4	?	21	15				
	Bodö	29.86	19	E	2	bc	29.81	-.06	21	+6	E	4	s	2	?	23	14				
	Christiansund	29.89	28	–	0	b	29.93	+.01	26	-5	SE	2	b	3	–	32	25				
	Skudesnaes	29.75	34	–	0	c	29.78	+.01	34	-2	SSE	4	c	2	?	37	32				
	Færder (X'iania Fjord)	29.75	31	SE	2	o	29.88	+.05	26	+3	NE	6	o	2	–	32	23				
	The Scaw (Skagen)	29.78	35	WSW	4	c	29.81	+.01	34	+2	–	0	o	0	0.04	37	28				
	Blaavands Huk	29.85	37	W	2	b	29.88	+.02	37	+2	W	2	bc	1	0.04	41	34				
	Haparanda	29.61	19	NW	2	c	29.82	+.04	4	-13	NNW	2	b	*	trace	21	3				
	Hernösand	29.76	19	N	2	b	29.94	+.03	11	-6	–	0	b	*	–	25	7				
	Stockholm	29.78	24	W	2	b	29.92	+.05	16	-4	N	2	c	*	–	28	14				
	Wisby	29.78	34	WSW	2	c	29.88	+.02	33	+3	WSW	2	o	*	0.04	34	30				
	Karlstad	29.79	22	–	0	b	29.94	+.08	21	+7	NE	2	c	*	–	28	12				
	St. Petersburg	29.54	20	NW	2	c	29.69	+.06	17	+1	NW	2	s	*	–	?	?				
CENTRAL EUROPE.	Berlin	29.97	39	S	1	b	30.06	+.04	36	+2	W	3	o	*	0.04	43	34				
	Frankfurt	30.08	36	NW	3	c	30.20	+.01	33	-1	SW	1	m	*	trace	46	32				
	Munich	30.11	34	SW	2	c	30.28	+.04	33	0	W	5	s	*	0.08	37	28				
	Vienna	30.04	39	WNW	2	o	30.12	+.06	37	-2	WNW	4	c	*	–	63	37				
	Cuxhaven	29.91	36	SW	2	b	29.97	+.02	34	0	SW	3	bx	0	–	43	34				
	The Helder	29.97	37	WSW	2	bc	29.89	-.07	35	-2	S	4	o	2	0.04	41	32				
	Brussels	30.09	34	W	1	b	29.99	-.08	35	+3	S	4	r	*	0.08	43	31				
FRANCE.	C. Gris Nez	30.06	42	WSW	5	bc	29.80	-.06	42	+4	SSW	7	r	7	0.12	45	39				
	La Hève	30.10	41	WNW	1	bz	29.88	*	42	+5	SW	8	r	7	0.32	46	39				
	Ushant	30.04	50	SW	4	o	29.92	*	52	+6	SW	5	f	4	0.24	52	46				
	Brest (St. Mathieu)	30.15	48	W	4	c	29.96	+.01	50	+5	SW	6	r	5	0.43	52	48				
	Rochefort (Ile d'Aix)	30.28	48	WNW	3	bc	30.20	+.01	48	+4	SW	5	o	*	–	52	44				
	Biarritz	30.26	49	NE	3	b	30.28	.00	43	-1	ESE	2	b	2	–	54	39				
	Paris	30.13	41	SW	2	bc	30.08	-.03	41	+7	SSW	4	r	*	0.04	48	34				
	Belfort	30.14	35	WSW	5	c	30.28	*	34	0	W	2	o	*	–	45	30				
	Lyons	30.20	40	NW	2	b	30.36	*	31	-5	W	1	b	*	–	47	31				
	Nice	29.76	49	–	0	b	29.93	+.10	44	-6	–	0	b	2	–	63	41				
	Perpignan	30.18	50	NW	3	b	30.32	+.03	37	-9	W	2	b	*	–	55	36				
	Sanguinaire	*	51	W	3	o	*	*	51	-3	E	3	m	7	–	54	48				
SOUTHERN EUROPE.	Corunna (8 a.m.)	30.30	50	NW	3	b	30.32	.00	46	+7	E	3	o	3	–	52	39				
	Madrid	30.09	50	NE	5	b	30.38	+.05	37	-3	NNE	2	b	*	–	52	32				
	Lisbon (9 a.m.)	30.20	50	NNE	6	b	30.28	+.04	51	+3	N	4	b	5	–	59	45				
	Gibraltar	29.96	54	E	5	r	30.02	*	53		SE	2	o	3	0.69	61	50				
	Rome	29.89	59	SW	2	r	30.02	+.09	52	-9	N	1	o	*	0.04	64	52				
	Azores (Horta, 8 a.m.)	30.34	*	SSW	5	o	30.15	-.02	60	+1	SW	5	o	5	–	61	52				
	Madeira (Funchal)	30.36	55	NE	3	b	30.37	+.01	54	+1	NE	3	b	3	–	61	52				

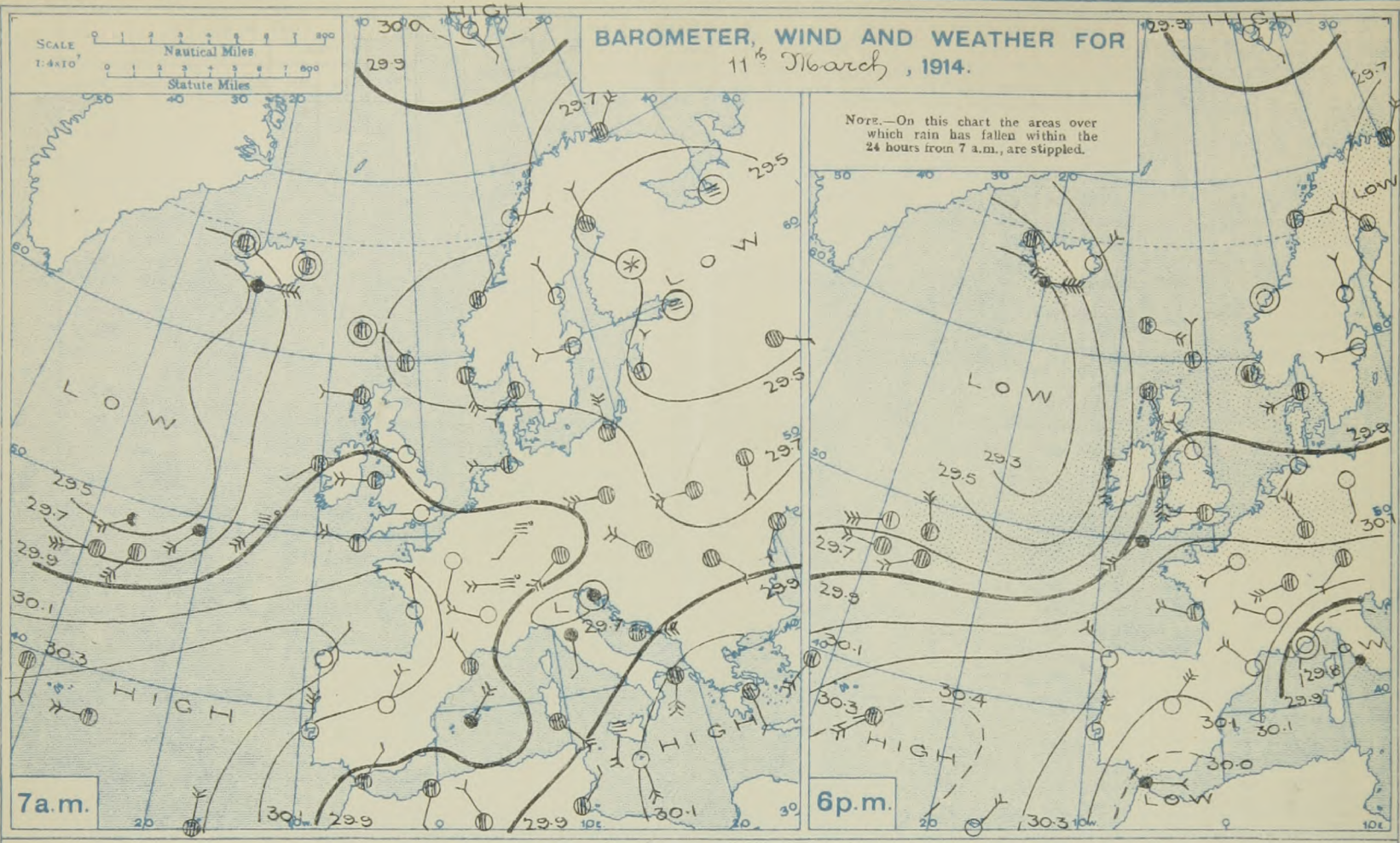
GALES.

Duration and Extreme Force in British Islands.

Portland Bill.
2 a.m.–7 a.m.
SW. 8.

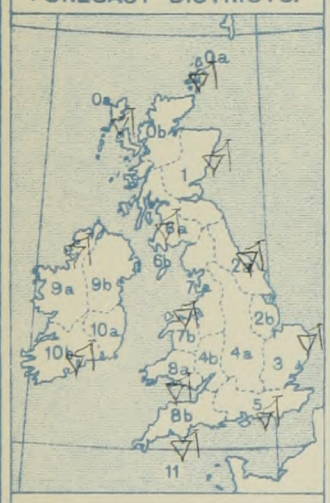
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

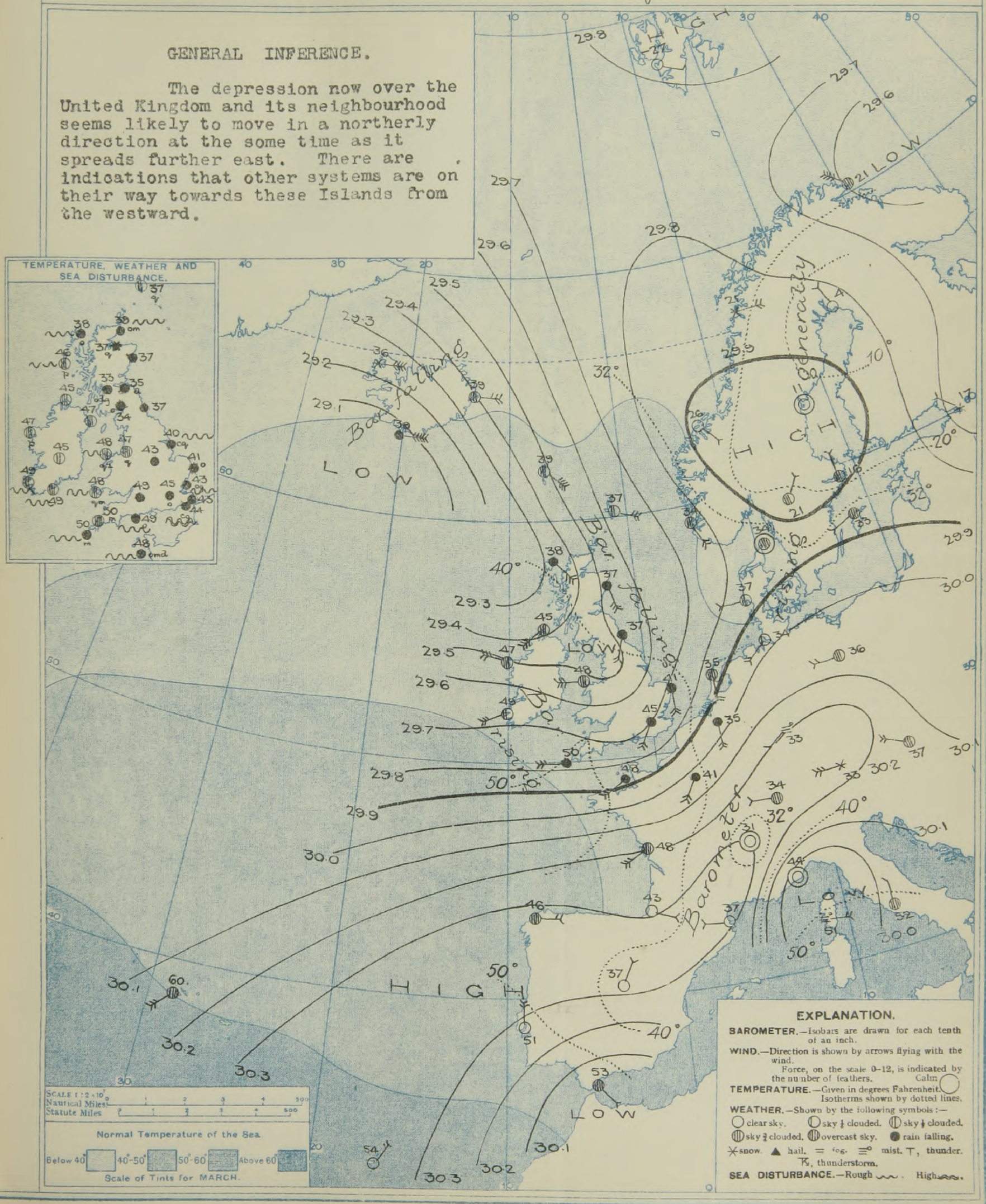
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted at 2.23pm in Dists. 0, 2b 6 to 11, and at 7.20pm in Dists. 1 to 3 & 5.

0 a, b; 1	Wind mainly Southerly or South-Easterly, high or strong, then moderating; rain at times, sleet locally; temperature rising.
2 a, b; 3; 4 a, b; 5	Wind between South and South-West or West, strong or high, then moderating; rain at times, then improving temporarily; rather mild.
6 a, b	Wind mainly between South and South-East, varying in force; changeable, some rain or sleet; temperature rising.
7 a, b; 8 a, b; 9 a, b; 10 a, b	Wind between West and South, strong to moderate; changeable, some rain, mist locally; rather mild.
Western Channel and Bay. 11	Westerly and South-Westerly winds, decreasing temporarily in force; sea rough; some rain and mist, fairer intervals.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 12th MARCH, 1914.



DAILY WEATHER REPORT. Thursday, 12th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
11th, 6 p.m.	48	29	Carthaginian	O	29.59	·00	WSW	6-7	bc
" "	47	29	Manitou	O	29.78	+·02	W	4-5	o
" "	48	25	Andania	H	29.66	·00	NNW	4-5	c.
" "	47	25	Philadelphia	H	29.78	·00	WSW	4-5	o
" "	51	11	Virginian	H	29.59	·00	SW	6-7	m.
11th, 7 a.m.	49	20	Mount Temple	H	29.50	-·03	WSW	4-5	r
11th, 7 a.m.	46	29	Philadelphia	H	29.77	-·06	WSW	6-7	o
" "	47	27	Zealand	O	29.68	-·16	SW	6-7	m.
" "	47	27	Manitou	O	29.73	-·05	WSW	6-7	r
" "	48	26	Carthaginian	O	29.50	-·08	WSW	4-5	r
" "	47	26	Columbia	O	29.54	+·01	WSW	8-9	c.
" "	50	15	Virginian	H	29.79	-·02	SW	6-7	m.

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0·03	45	30	bc.t.	bc	6·6
	St. Andrews	–	47	30	b	b	9·5
Eng. N.E.	Harrogate	–	45	25	b	b	9·6
	Scarborough	*	48	30	c.b.	c.b.	8·6
	Skegness	–	45	*	b	b	4·1
Eng. N.W.	Morecambe	0·04	42	28	sr	bc.b	6·1
	Blackpool	0·05	45	35	cph	bc.c.	8·1
	Southport	0·04	45	34	b.bc.	bc.c.	8·8
Midlands.	Buxton	0·03	41	28	bcs	bc	6·0
	Leamington Spa	–	47	27	bc	bc	7·7
	Malvern	–	48	37	b	bc	6·7
Wales.	Rhyl	0·10	45	33	c.bc	bc.c.	7·1
	Colwyn Bay	0·24	46	33	bc	bc	7·4
	Llandudno	0·12	45	38	b	b	7·3
	Aberystwyth	0·07	45	35	r.o.c.	c.bc	6·5
	Tenby	0·03	46	41	b	op	5·0
England, E.	Lowestoft	0·02	45	36	b.bc.	bc.b.	9·0
	Felixstowe	0·01	46	31	b.bc.	bc.bm	9·2
	Walton-on-Naze	–	45	36	bm.b.bc.	bc.c.bm.	9·3
	Southend-on-Sea	–	48	29	b	bc	7·7
England, S.E.	Margate	0·04	45	32	b	b	7·6
	Ramsgate	–	45	30	b	b.bc.b.	8·5
	Folkestone	–	45	32	b.o.	o.b.	6·2
	Hythe	–	49	27	b	b	8·0
	Littlestone	*	*	*	*	*	9·3
	Hastings	–	47	31	b	b	9·9
	Bexhill-on-Sea	–	47	30	b	bc	8·6
	Eastbourne	–	47	30	b	b	9·9
	Seaford	–	45	?	b	b	9·2
	Brighton	–	47	32	b.bc.c.	c.bc.c.	8·8
	Worthing	–	48	28	b	bc	8·3
	Littlehampton	–	*	*	*	*	8·5
	Southsea	–	47	33	b.bc.	bc.	7·4
	Ryde	–	46	38	b	b	7·0
	Ventnor	–	47	33	*	*	9·5
	Bournemouth	–	49	31	b.bc.	bc.c.o.	6·9
England, S.W.	Weymouth	–	49	33	b	bc	7·5
	Exmouth	0·16	49	32	b	c.bc	5·0
	Teignmouth	0·07	49	33	bc.b.bc	c	4·0
	Torquay	0·05	49	31	c.bc.	c.o.	3·2
	Paignton	0·09	48	29	cpbc.	bcp	3·7
	Falmouth	0·05	49	37	o.bc	o	2·5
	Bude	0·09	49	44	pth.bc.	c.or	4·0
	Ilfracombe	0·10	47	35	bc	bc.od.	1·6
	Weston-super-Mare	–	47	36	b	b.bc.c.	7·5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-day)	Temperature. In Screen. Min. (24 hours ended 9 a.m. To-day)	Temperature. Min. on Grass. (24 hours ended 9 a.m. To-day)	Rainfall. (24 hours ended 9 a.m. To-day)	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	54	90	6·7	49	35	23	0·34	b.bc	b.bc	bcx, or
City (Bunhill Row)	*	*	5·6	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	92	6·6	49	37	32	0·31	bc	bc	r
Camden Sq. (Brit. Rainfall)	56	94	7·4	48	35	34	0·37	b	bc.b	*
Hampstead (Reservoir)	*	99	7·7	46	33	?	0·37	bc	bc	or
Richmond Park	*	*	7·9							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	56	94	7·4							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
972 Joules	23·5 Milliwatts.	56·5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0·01	47	31	28	s.bx	bc.	c.o.	0·0
Plymouth to 9 p.m.								
Darwen "	0·08	43	29	28	c.o.s.b.	bc	bc	7·1
Manchester "	0·02	44	31	*	o.s.f.	bc.f.bc.	bc.	4·6
Birmingham "	–	45	30	22	*	b	c	7·0
Oxford to 8 p.m.	*	47	29	23	bcm.bx	bx.bc	bc.c.	*
S. Kensington (Museum Grounds to 6 p.m.)	trace	47	31	19	b.bx	bm.cy	q.bcy	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

12th & 13th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·18 / 6·16	12·3 / 12·3	5·48 / 5·50
Greenwich	6·24 / 6·22	12·10 / 12·10	5·56 / 5·58
Wick	6·41 / 6·38	12·22 / 12·22	6·3 / 6·5
Valencia	7·5 / 7·3	12·51 / 12·51	6·37 / 6·39

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50° over the Kingdom generally, below 45° at several northern stations. Much bright sunshine was recorded, more than 9 hours in several localities. Rain fell late in the day or at night, and the measurements were considerable or large over the greater portion of England and Ireland. According to wireless reports a moderate to strong wind between West and South-West prevailed on the Atlantic between the 20th and 30th meridians, in latitude 48°.

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.

Friday, 13th March, 1914.

	STATIONS.	Yesterday Evening. Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.65	41	ESE	6	orq	29.86	+04	43	+6	S	6	o	5	0.27	43	36	bcp.c	cq.orq	orq.oc	*
	Stornoway	29.55	45	WSW	4	bcp	29.74	-02	43	+5	S	3	bc	3	0.08	50	38	o.bcp	bcp	bc	?
	Castlebay (Barra Isd.)	29.61	46	W	4	cp	29.66	-04	45	-1	SE	5	og	6	0.01	49	43	cp.bcp	bcp	cp.b.og	7.5
	Glasgow	29.68	43	WSW	2	bc	29.83	-03	38	+5	ESE	2	o	*	0.24	45	32	o.cdp	odp.cp	bcp.b.o	1.2
	Eskdalemuir ...	29.74	43	WSW	3	bc	29.89	-03	36	+2	—	0	om	*	0.07	48	30	or.o	o.c.bc	c.om	3.1
	Malin Head... ...	29.67	45	WSW	5	bc	29.57	-12	41	-4	SSW	5	r	3	0.12	48	40	bm	bcm	omr	*
	Blacksod Point ...	29.74	49	W	3	bc	29.50	-07	50	+3	SSW	6	omr	4	0.28	52	44	bcp	bc	bc.omr	*
	Valencia	29.82	51	SW	1	bc	29.57	-10	51	+2	SSE	4	omr	4	0.40	52	48	bc	bc	cmr	3.0
	Roche's Point ...	29.87	50	W	3	c	29.73	*	49	0	SSW	4	o	5	0.19	54	48	bc.c	cm	or fd.m	*
	Birr Castle	29.81	47	SW	1	c	29.64	*	51	+6	SSE	1	c	*	0.11	54	42	cp	c	c.cp	6.2
	Donaghadee ...	29.75	50	SW	3	bc	29.75	-05	45	-2	SSE	3	mr	3	0.11	53	39	bcp	bc	bcmr	*
	Liverpool Obsy. ...	29.81	48	WSW	4	b	29.89	-03	42	-5	SE	3	or	3	0.13	51	41	b	bc	b.or	7.2
	Holyhead	29.82	49	SW	3	bq	29.82	-04	47	-1	S	5	orqm	3	0.21	53	44	bc.c.bq	b.op.bc	bc.otm	8.3
	Pembroke (St. Ann's Hd.)	29.90	47	SW	3	c	29.87	-01	48	0	SSW	5	f	5	0.17	50	46	cqm	cm	cm	4.2
	Newquay	29.93	49	SW	2	of	29.93	-02	51	+1	SW	3	omq	4	0.22	53	48	or.o	c.bc.of	b.or	1.8
	Scilly (St. Mary's) ...	29.94	50	W	3	fe	29.91	-03	50	0	SSW	5	om	5	0.26	52	49	orm	orm.fe	fe.or	0.0
	Jersey (St. Aubin) ...	30.00	51	WSW	5	odm	30.11	*	51	+3	SW	3	ome	3	0.24	52	47	omd	omi.od	omd.oe	0.0
	Portland Bill ...	29.92	49	WSW	4	bc	30.02	.00	49	0	SW	5	me	4	0.21	50	45	cp	c.bc	bc.cfr	*
	Dungeness	29.85	48	SW	5	c	30.09	+01	46	+2	SSW	2	or	2	0.16	50	42	crq	cq	cf.fm	*
	Dover	29.84	49	WSW	3	b	30.08	*	45	+2	SSW	3	fr	2	0.09	57	42	or.o	bc.b	bc.mr	4.0
	Wick	29.57	41	SSE	3	bc	29.83	+03	41	+3	SSE	2	bcm	3	0.12	42	37	or.cmp	cp.bcm	cm.bcm	*
	Nairn	29.60	43	W	1	bc	29.81	*	36	-1	SW	1	bc	1	0.08	48	32	p.cq	d.bc	bcx	3.8
	Aberdeen	29.63	40	—	0	b	29.88	+02	32	-5	SW	1	b	2	0.19	44	31	or	c.bc.bm	bm	1.3
	Leith	29.65	47	W	2	bc	29.84	-01	39	+4	SE	1	o	*	0.01	48	35	og	o.c.	c	*
	North Shields ...	29.69	48	WSW	3	bc	29.93	+01	39	+2	SW	3	bc	2	0.05	52	32	r.bcp	b	b.bq	5.3
	Spurn Head ...	29.74	45	WNW	4	bc	29.98	+01	41	+1	SSW	1	bcmw	2	Trace	49	37	cm	bcm	bm	2.0
	Yarmouth	29.78	50	W	2	bcm	30.06	.00	40	-1	WSW	2	bc	1	0.13	54	33	o	o.bcm	bc	1.5
	Clacton-on-Sea ...	29.80	52	W	2	bc	30.05	+02	43	0	S	1	cm	0	0.10	56	40	or.og	cg.c.bc	b.bc.cm	3.0
	Nottingham... ...	29.83	51	NW	2	o	29.99	*	40	-3	SE	1	tm	*	0.04	55	37	r.ocm	c.om	o.c.bc	3.7
	Bath	29.90	50	W	3	c	29.98	*	49	0	S	1	r	*	0.10	56	42	d.o.c	o.c.bc	c.or	6.3
	London (Kew Obsy.)...	29.87	52	W	2	bc	30.03	.00	44	-1	SW	1	otm	*	0.07	57	41	ora.c.bc	bc	bc.bomr	3.7
ICELAND, FAEROE, &c.	Spitzbergen	29.82	-23	SE	1	b	29.84	+01	-16	+11	SE	1	c	*	*	-16	-35				
	Isafjord...	29.15	37	E	9	r	29.32	+07	33	-3	—	0	b	*	*	*	*				
	Reykjavik	29.09	37	ESE	3	r	29.38	+04	33	-3	E	2	c	*	*	*	*				
	Vestmanna	29.11	38	SW	7	r	29.40	+02	35	-4	—	0	bc	3	*	*	*				
	Seydisfjord	29.36	38	E	5	s	29.39	+04	37	-2	S	1	b	*	*	*	*				
	Thorshavn	29.45	40	SE	6	r	29.61	+05	42	+3	SSW	3	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.59	22	N	6	o	29.56	.00	23	+2	NNW	6	s	4	?	23	18				
	Bodö	29.92	28	—	0	c	29.95	+02	37	+16	NW	3	bc	2	0.20	37	21				
	Christiansund ...	29.95	31	—	0	b	30.11	+04	30	+4	—	0	b	3	—	34	26				
	Skudesnaes	29.94	34	ESE	6	c	30.16	+04	32	-2	SE	6	b	3	—	39	30				
	Færder (X'tania Fjord)	30.03	27	NE	4	b	30.27	+06	21	-5	N	4	b	1	—	30	19				
	The Scaw (Skagen)...	29.99	31	E	8	b	30.23	+08	27	-7	ENE	5	b	1	—	39	25				
	Blaavands Huk ...	29.82	37	SE	2	m	30.13	+12	34	-3	E	3	o	2	—	41	32				
	Haparanda	29.84	10	W	2	bc	29.82	.00	14	+10	W	2	c	*	—	18	4				
	Hernösand	29.97	23	—	0	bc	30.11	+05	16	+5	S	2	b	*	—	27	10				
	Stockholm	30.01	20	N	2	b	30.15	+05	15	-1	W	2	b	*	—	25	12				
	Wisby	29.95	28	NE	2	o	30.17	+08	27	-6	NNE	4	b	*	0.04	34	23				
	Karlstad	30.05	21	—	0	b	30.26	+04	9	-12	—	0	b	*	—	27	5				
	St. Petersburg ...	29.88	21	W	1	o	29.93	+02	18	+1	NNE	1	s	*	—	32	17				
CENTRAL EUROPE.	Berlin	29.95	41	S	3	o	30.00	+12	37	+1	N	3	o	*	0.16	46	34				
	Frankfurt	29.97	39	SW	6	r	30.20	+08	44	+11	SW	1	m	*	0.43	45	33				
	Munich	30.15	36	S	4	o	30.30	+06	41	+8	SW	4	c	*	0.24	41	32				
	Vienna	30.19	37	WSW	1	bc	30.09	+02	43	+6	W	5	c	*	0.20	43	34				
	Cuxhaven	29.74	35	SE	5	r	30.08	+06	37	+3	NE	2	m	0	0.24	43	34				
	The Helder	29.71	44	W	4	c	30.10	+10	42	+7	SW	1	b	2	0.20	45	34				
	Brussels	29.93	48	WSW	3	o	30.15	+08	48	+13	SW	1	o	*	0.32	50	35				
FRANCE.	C. Gris Nez... ...	29.88	47	WSW	6	bc	30.10	+02	45	+3	SSW	4	f	4	0.24	50	42				
	La Hève	29.99	47	WSW	5	f	30.12	*	49	+7	SW	4	o	3	0.32	48	42				
	Ushant...	30.07	52	SW	5	f	30.03	*	53	+1	SW	4	o	5	—	54	45				
	Brest (St. Mathieu) ...	30.07	51	WSW	5	f	30.12	-01	50	0	SSW	4	o	4	0.04	54	48				
	Rochefort (Ile d' Aix)	30.23	51	SW	5	f	30.28	+02	51	+3	SSW	3	o	*	0.04	51	48				
	Biarritz	30.32	54	S	2	c	30.32	+01	52	+9	ESE	2	b	3	—	59	43				
	Paris	30.03	50	SW	4	o	30.19	+03	51	+10	S	2	o	*	0.16	51	41				
	Belfort	30.21	43	WSW	7	o	30.32	*	43	+9	WSW	4	f	*	0.20	46	34				
	Lyons	30.29	46	—	0	o	30.36	*	46	+15	—	0	o	*	—	52	31				
	Nice	30.25	46	—	0	b	30.28	+03	43	-1	—	0	c	2	—	57	39				
	Perpignan	30.35	54	—	0	b	30.36	.00	57	+20	NW	3	m	*	—	61	37				
	Sanguinaire	*	52	N	3	m	*	*	51	0	E	2	m	4	—	57	46				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.33	60	SE	2	o	30.36	.00	54	+8	S	3	o	2	—	61	46				
	Madrid...	30.18	60	—	0	b	30.43	+04	42	+5	ENE	1	b	*	—	61	36				
	Lisbon (9 a.m.) ...	30.29	53	N	5	b	30.35	+06	53	+2	N	2	c	5	—	63	50				
	Gibraltar							*													
	Rome	30.24	54	N	1	b	30.26	+02	43	-9	N	1	b	*	—	64	43				
	Azores (Horta, 8 a.m.)	30.11	*	SSW	6	c	30.30	+03	58	-2	SW	4	bc	4	0.04	64	55				
	Madeira (Funchal) ...	30.39	57	NE	3	b	30.42	+02	55	+1	NE	3	b	3	—	63	54				

GALES.

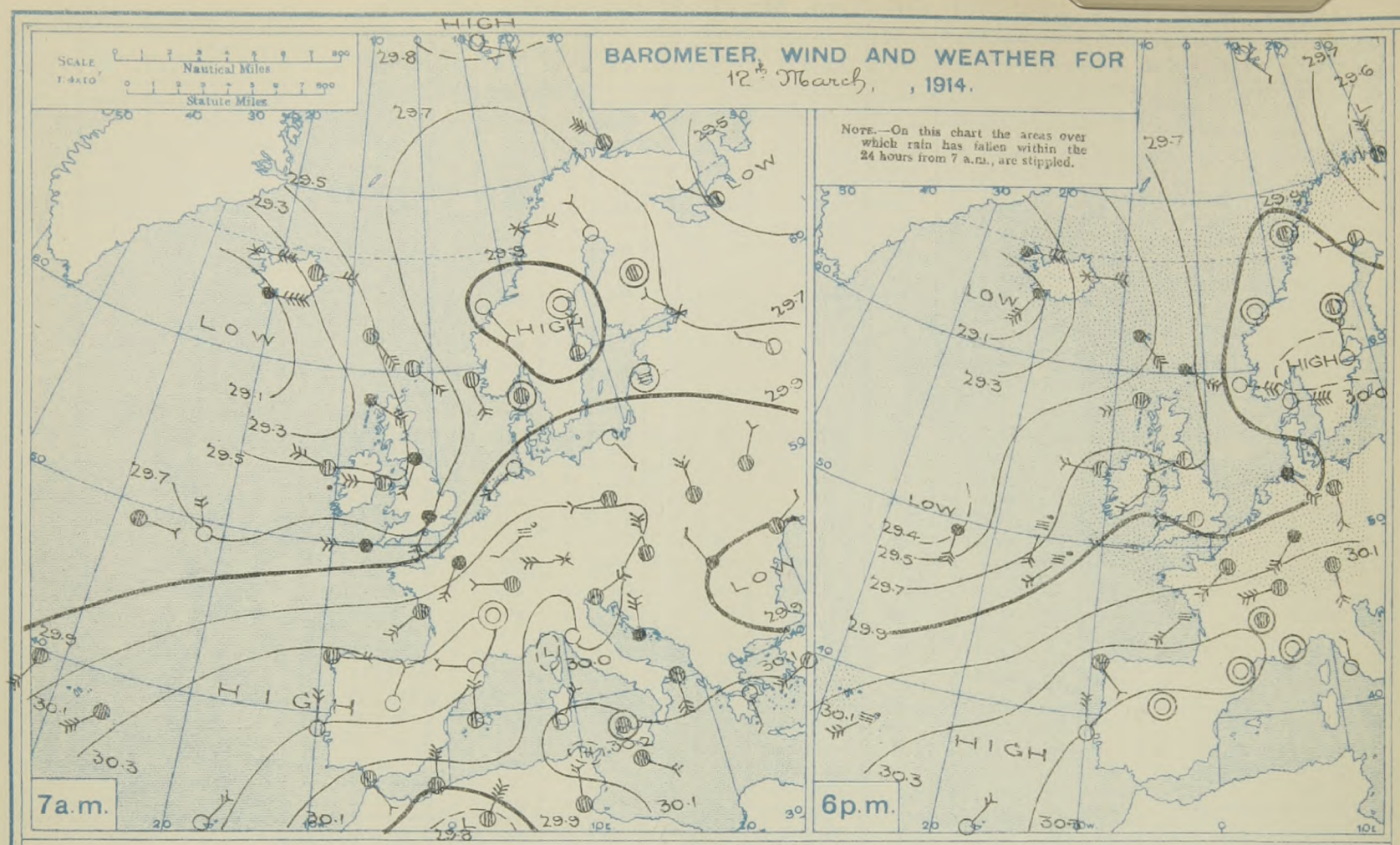
Duration and Extreme Force in British Islands.

Dungeness. 8 a.m.-11 a.m.

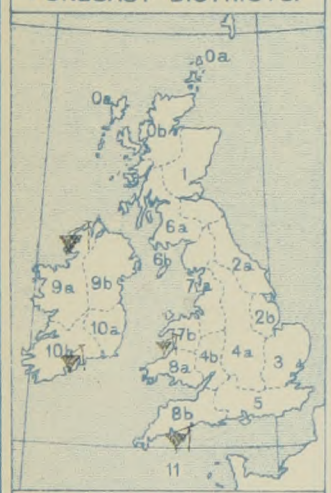
SSW 9 at 8 a.m.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.



STORM WARNINGS.

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

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

South Cone hoisted at 8 0am, in Dists. 7b to 11.

0 {a, b}, 1, 2 {a, b}: Southerly winds, increasing in force; weather becoming dull, with rain at times; temperature rising.

3, 4 {a, b}, 5: Wind South-Westerly or Southerly, becoming stronger; much cloud, rain at times, local mist; mild.

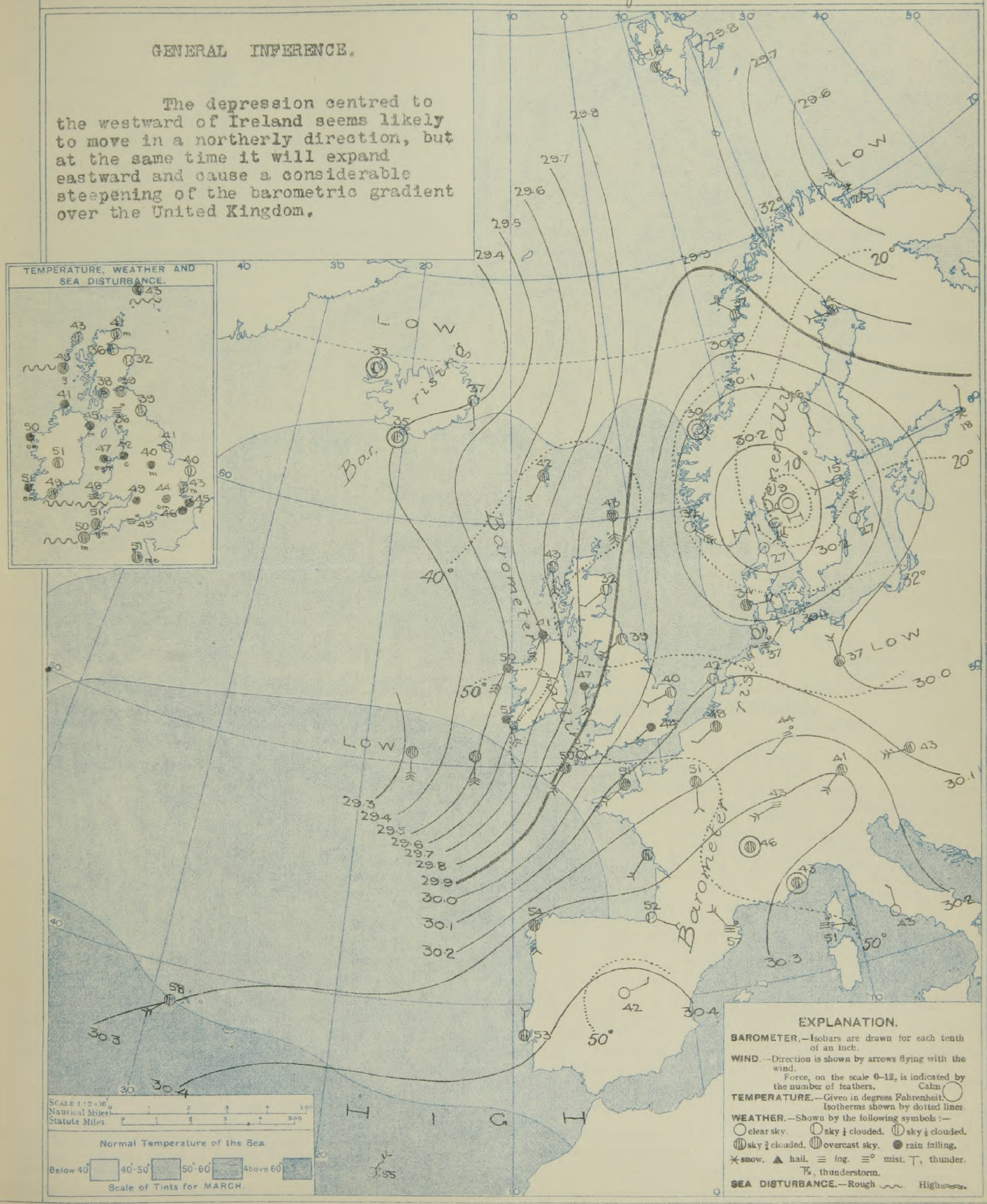
6 {a, b}: Same as Nos. 0 to 2.

7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b}: Wind Southerly to South-Westerly, increasing greatly in force, reaching a gale in places; rainy, mist or fog locally, then improving; mild.

Western Channel and Bay. 11: Southerly and South-Westerly winds, increasing to a gale; sea rough; rainy and misty, then fairer.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Friday, 13th MARCH, 1914.



DAILY WEATHER REPORT. Friday, 13th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
13th, 7 a.m.	50	11	Andania	H	29.49	-.02	SSW	6-7	o
" "	50	16	Empress of Ireland	H	29.32	-.02	S	6-7	o
12th, 6 p.m.	49	21		H	29.40	.00	SSW	6-7	r
" "	50	15	Andania	H	29.67	+.09	SSW	4-5	m.
" "	48	13	Philadelphia	H	29.84	+.02	SW	4-5	m.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
12th, 6 p.m.	51	12	Royal Edward	O	29.80	-.06	W	4-5	o
" 1 p.m.	49	14	Mount Temple	H	?	?	S	1-3	f
" 4 p.m.	49	26	Empress of Ireland	H	29.68	-.03	E	1-3	o
" "	49	20	Andania	H	29.68	+.01	NNW	4-5	b
" "	48	19	Philadelphia	H	29.79	-.01	WSW	4-5	bc.

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.25	49	35	bc p.c	p.bc	4.3
	St. Andrews	0.25	49	32	*	*	6.8
Eng. N.E.	Harrogate	0.20	51	31	s.c bc.b	b.bc	4.0
	Scarborough	*	54	35	c.b.	c.b.	6.0
	Skegness	0.28	53	*	bc	bc.b.	1.4
Eng. N.W.	Morecambe	0.37	50	35	bc	b	5.0
	Blackpool	0.29	51	35	r.o.c	bc.c.	8.2
	Southport	0.28	52	34	b.bc.b.	b	7.7
Midlands.	Buxton	0.49	50	30	bc.r.o	bc.	6.7
	Leamington Spa	0.30	56	38	c.b.	b.bc.	6.5
	Malvern	0.23	55	40	bc	b	5.9
Wales.	Rhyl	0.32	53	37	c.bc	bc.c.	7.8
	Colwyn Bay	0.26	54	37	bc.b.	b.bc.	6.0
	Llandudno	0.11	52	41	b	b	7.8
	Aberystwyth	0.36	50	41	r.o.c	c.bc.	5.0
	Tenby	0.62	54	49	bc	b	6.4
England. E.	Lowestoft	0.26	54	34	or.c.	c.bc.	1.5
	Felixstowe	0.28	56	36	m.or.c.	bc.bm	4.2
	Walton-on-Naze	0.25	55	36	og.c.	b.bc	3.4
	Southend-on-Sea	0.15	52	36	r.o.c.	b.bc	3.1

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.14	56	35	r.c.	b.bc.	1.5
	Ramsgate	0.15	57	34	bc.r.	b.	2.2
	Folkestone	0.43	56	37	r.o.	b	2.7
	Hythe	0.40	52	34	or.c.b.	b	2.8
	Littlestone	*	*	*	*	*	3.3
	Hastings	0.43	52	39	or	bc.b	2.2
	Bexhill-on-Sea	0.38	52	31	r.o.c.	c.bc.b	2.3
	Eastbourne	0.41	53	41	o	o.bc	1.2
	Seaford	0.45	50	?	r	bc	2.9
	Brighton	0.43	51	39	c.bc.	c.bc	1.2
	Worthing	0.49	54	42	o	bc.	2.8
	Littlehampton	0.36	*	*	*	*	1.7
	Southsea	0.45	55	37	o.c.b.	bc.	2.5
	Ryde	0.68	54	41			1.3
	Ventnor	0.59	52	41	*	*	2.0
	Bournemouth	0.46	57	40	c.bc	bc	3.0
England, S.W.	Weymouth	0.53	53	43	c	bc.b.	3.7
	Exmouth	–	57	38	b	b	5.0
	Teignmouth	0.24	58	42	c.	b.	4.2
	Torquay	0.33	57	44	o	c.bc.	4.0
	Paignton	0.36	56	43	r.c	bc.	2.9
	Falmouth	1.12	55	44	r.q.o.	o.c	1.0
	Bude	0.40	54	43	r	o.bc.	1.8
	Ilfracombe	0.88	54	45	o.c.bc	bc	3.8
	Weston-super-Mare	0.70	52	40	c.bc.b.	b.bc.	6.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	64	96	2.6	58	41	36	0.10	o	b.bc	bc.g.or
City (Bunhill Row)	*	*	1.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	68	100	2.3	58	42	36	0.10	bc	bc	bc.r
Camden Sq. (Brit. Rainfall)	64	97	2.8	58	43	36	0.11	o.c.	bc	*
Hampstead (Reservoir)	*	95	3.1	56	41	?	0.12	c.bc	bc	bc.or
Richmond Park	*	*	3.8							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	63	98	2.9							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
518 Joules	12.5 Milliwatts.	57.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.08	55	42	40	r.q.c.b.	bc.p	c.b.	0.0
Plymouth to 9 p.m.								
Darwen "	0.65	48	33	29	c.o.sr	or.u.b	bc.u	4.0
Manchester "	0.28	53	37		or.o	o.bc	bc.b.	5.0
Birmingham "	0.27	54	37	36	r	o.c	c	6.0
Oxford to 8 p.m.	*	57	39	37	o.or.o	o.c.bc	bc.c	*
S. Kensington (Museum Grounds to 6 p.m.)	0.33	57	40	19	or.o.	om.bam.	am.cg	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

13th & 14th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.16	12.3	5.50
	6.14	12.3	5.52
Greenwich	6.22	12.10	5.58
	6.19	12.10	5.59
Wick	6.38	12.22	6.5
	6.35	12.22	6.8
Valencia	7.3	12.51	6.39
	7.0	12.51	6.41

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 55° in many parts of England, but remained below 45° in some Scottish localities. In Ireland, Scotland, Wales and the south-west of England several hours of bright sunshine were recorded; in the east and south the figure was lower. Rain fell at almost all stations, but the quantity was generally slight or moderate At Valencia, however, it was as much as 0·40 in.

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.

Saturday, 14th March 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.73	44	SE	8	o	29.32	-.05	44	+1	SE	8	oq	6	0.25	46	40	o.cq	o	otq	*
	Stornoway	29.37	45	SE	5	or	29.14	-.08	43	0	SE	3	c	3	0.16	47	43	op	or	oc.	?
	Castlebay (Barra Isd.)	29.31	47	SSE	6	op	29.00	-.09	44	-1	E	5	r	5	0.34	48	44	ogr	r.op	opc.or	0.0
	Glasgow	29.49	47	SSE	2	odm	29.00	-.24	45	+7	SE	4	od	*	0.39	48	38	odr.o	d.r	op.o	0.0
	Eskdalemuir ...	29.56	46	S	6	rq	29.10	-.25	42	+6	S	8	rq	*	0.64	47	35	om.od	od.or	otq	0.0
	Malin Head... ...	29.29	50	SSW	6	c	28.84	-.10	41	0	SE	2	c	2	0.20	52	40	omq	cmpq	cmr	*
	Blacksod Point ...	29.24	50	SW	7	cpm	29.00	+.03	46	-4	W	6	omp	5	0.63	52	42	or.cpm	cpm	cmp.or	*
	Valencia	29.48	51	SSW	5	om	29.14	-.08	47	-4	SW	6	op	6	0.85	54	40	rm	c.cm	omr	0.4
	Roche's Point ...	29.60	50	SW	4	o	29.27	*	46	-3	WSW	4	bc	5	0.50	53	42	rm.o	c.om	rm.bc.	*
	Birr Castle	29.48	49	SW	4	c	29.12	*	44	-7	SW	5	c	*	0.23	55	41	or.c.	cp	or.cp	0.9
	Donaghadee ...	29.47	48	S	3	opm	28.83	-.24	45	0	SW	4	omr	4	0.30	49	43	orm	omp	bmp.or	*
	Liverpool Obsy. ...	29.65	49	S	3	r	29.20	-.04	45	+3	SSW	5	bcqp	4	0.20	52	42	or	od	opq	0.0
	Holyhead	29.61	49	S	5	odpm	29.22	+.04	47	0	SSW	8	cq3g	8	0.32	50	46	or.fe.r	r.o.cpq	bc.ero	0.0
	Pembroke (St. Ann's Hd.)	29.71	48	SW	6	c	29.36	-.02	47	-1	SW	7	cpm	7	0.39	50	42	f	cqpm	cqpm	0.0
	Newquay	29.83	51	SW	5	cm	29.48	-.07	45	-6	SW	6	oqp	6	0.17	54	44	o.orm	op.bcc	cp.cpq	0.6
	Scilly (St. Mary's) ...	29.80	51	WSW	5	cm	29.46	-.03	50	0	W	6	cqp	7	0.12	53	48	cm	cm	om.cqp	2.6
	Jersey (St. Aubin) ...	30.07	52	SW	4	ogp	29.68	*	51	0	SW	5	o	5	0.12	55	48	ome	o.c.op	ogp.o	0.1
	Portland Bill ...	29.88	50	SW	6	bcpr	29.54	-.04	50	+1	SW	7	c	6	0.22	51	48	f.o	c.op	cd.r	*
	Dungeness	29.99	50	SSW	4	op	29.69	-.05	50	+4	SSW	7	oqp	7	0.13	50	45	crm	opd	cq.cqp	*
	Dover	29.97	49	SSW	5	r	29.68	*	49	+4	S	5	or	6	0.10	49	45	fr.o	op.	r.d.opo	0.0
	Wick	29.51	44	SSE	8	r	29.18	-.09	44	+3	SSE	4	cm	5	0.19	44	39	bcm	omr	omr.cm	*
	Nairn	29.45	46	SSE	4	og3	29.15	*	45	+9	SE	2	omd	2	0.06	49	35	cg.o	r.o3	ou	0.6
	Aberdeen	29.59	43	SSE	6	rq	29.24	-.10	44	+12	SSE	4	r	4	0.23	46	32	bc.o	or	or	0.0
	Leith	29.51	47	SSE	3	r	29.08	-.20	46	+7	SE	4	cp	*	0.08	50	39	or	or	c	*
	North Shields ...	29.64	46	SE	3	r	29.26	-.16	48	+9	SSW	6	c	4	0.11	50	39	cr	r.o	r.cr.c.	0.0
	Spurn Head ...	29.74	47	S	3	c	29.42	-.15	47	+6	S	6	or	5	0.18	48	40	ofr	fr.cm	c.b.	0.0
	Yarmouth	29.91	46	S	3	om	29.63	-.05	47	+7	S	6	o	4	0.21	50	33	orm	orm	bc.o.	0.0
	Clacton-on-Sea ...	29.94	49	SSW	3	og	29.63	-.13	48	+5	S	6	og	4	0.10	49	43	cm.org	ogr.og	ogp	0.0
	Nottingham... ...	29.76	51	SSW	5	bc	29.44	*	48	+8	SW	5	cp	*	0.27	54	39	rm.o	opc.	bc.c.	0.0
	Bath	29.85	52	SW	7	r	29.51	*	48	-1	SW	4	bc	*	0.26	54	48	r.od	op.rh	or.bc	0.2
	London (Kew Obsy.)...	29.91	52	SW	3	or	29.59	-.10	49	+5	SW	4	otq	*	0.16	55	44	ormd.om	om.or	or.cotq	0.0
ICELAND, FAEROE, &c.	Spitzbergen	29.85	-14	–	0	b	29.88	.00	-26	-10	ESE	1	b	*	*	-9	-31				
	Isafjord...	29.47	37	E	2	c	29.59	+.01	36	+3	E	2	o	*	*	*	*				
	Reykjavik	29.52	37	E	1	bc	29.43	-.01	32	-1	N	4	o	*	*	*	*				
	Vestmanna	29.47	38	SE	1	c	29.29	-.04	34	-1	N	4	o	3	*	*	*				
	Seydisfjord	29.54	39	W	1	c	29.38	-.07	34	-3	E	3	s	*	*	*	*				
	Thorshavn	29.55	44	SE	5	o	29.13	-.04	43	+1	SSE	4	r	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.65	24	NNW	8	o	29.67	.00	23	0	NW	8	bc	5	?	25	18				
	Bodö	30.02	36	W	2	o	29.82	-.07	37	0	SSW	6	c	4	?	37	32				
	Christiansund ...	30.12	34	SE	1	b	29.79	-.10	31	+1	SE	3	b	3	–	37	28				
	Skudesnaes	30.13	33	SSE	8	b	29.69	-.09	38	+6	SE	8	o	4	–	38	32				
	Færder (X'iania Fjord)	30.34	26	S	1	b	30.08	-.07	28	+7	ESE	4	o	3	–	28	21				
	The Scaw (Skagen)...	30.31	32	S	4	o	30.02	-.08	35	+8	SSE	7	o	2	–	36	27				
	Blaavands Huk ...	?	37	SE	2	m	?	?	34	0	E	3	o	2	–	41	32				
	Haparanda	29.92	22	N	2	bc	29.89	+.01	14	0	NW	2	b	*	–	28	14				
	Hernösand	30.14	29	NW	2	b	30.06	-.02	13	-3	–	0	b	*	–	29	7				
	Stockholm	30.26	30	W	2	b	30.23	-.02	25	+10	WSW	2	b	*	–	30	14				
	Wisby	30.33	32	NNW	2	b	30.36	-.02	30	+3	NW	2	b	*	–	32	27				
	Karlstad	30.35	25	–	0	b	30.21	-.04	8	-1	–	0	b	*	–	34	3				
	St. Petersburg ...	29.97	20	WSW	1	s	30.01	+.04	22	+4	NW	1	b	*	–	32	14				
CENTRAL EUROPE.	Berlin	30.32	39	E	3	b	30.19	-.08	36	-1	SE	4	o	*	trace	45	34				
	Frankfurt	30.21	52	SW	1	r	30.09	-.04	50	+6	SW	3	m	*	0.24	57	44				
	Munich	30.28	46	W	3	o	30.21	-.02	45	+4	SW	2	o	*	0.12	50	41				
	Vienna	30.30	44	NNW	3	bc	30.41	+.01	35	-8	ENE	1	o	*	0.08	54	36				
	Cuxhaven	30.20	41	SE	4	o	29.93	-.05	42	+5	S	3	m	o	0.16	43	37				
	The Helder	30.03	47	SSE	3	r	29.79	-.07	49	+7	S	4	o	2	0.24	50	43				
	Brussels	30.09	53	SSW	3	r	29.87	-.12	50	+2	SSW	3	o	*	0.20	53	42				
FRANCE.	C. Gris Nez... ...	30.01	49	SSW	5	o	29.72	-.10	49	+4	S	7	r	5	0.16	50	45				
	La Hève	30.08	51	SW	5	o	29.76	*	48	-1	SW	7	r	6	0.04	52	46				
	Ushant...	29.99	53	NNE	6	o	29.68	*	52	-1	WSW	7	o	7	0.08	54	46				
	Brest (St. Mathieu) ...	30.08	52	S	5	o	29.73	+.04	50	0	SW	6	o	7	0.16	54	48				
	Rochefort (Ile d' Aix)	30.30	52	SW	3	c	30.09	-.06	49	-2	SSW	4	o	*	–	57	48				
	Biarritz	30.33	57	WNW	3	o	30.14	-.03	57	+5	SSW	3	c	4	–	66	48				
	Paris	30.17	55	SSW	3	o	29.97	-.08	51	0	S	4	o	*	trace	57	50				
	Belfort	30.30	48	WSW	4	f	30.22	*	47	+4	WSW	2	o	*	0.04	56	43				
	Lyons	30.29	55	–	0	b	30.23	*	46	0	–	0	b	*	–	64	44				
	Nice	30.26	47	–	0	b	30.22	-.02	49	+6	–	0	b	1	–	57	43				
	Perpignan	30.23	63	W	2	b	30.19	-.03	46	-11	SW	1	b	*	–	70	43				
	Sanguinaire	*	51	N	2	m	*	*	49	-2	E	2	m	2	–	61	48				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.41	61	SW	3	o	30.32	.00	54	0	WSW	6	o	6	?	63	48				
	Madrid...	30.25	65	–	0	bc	30.40	+.01	44	+2	–	0	b	*	–	65	37				
	Lisbon (9 a.m.) ...	30.42	54	NNW	4	b	30.47	+.03	56	+3	NW	4	bc	5	–	63	52				
	Gibraltar	30.33	58	NW	6	c	30.36	*	54	–	NW	6	b	1	–	66	54				
	Rome	30.23	55	–	0	b	30.18	+.01	45	+2	–	0	b	*	–	64	43				
	Azores (Horta, 8 a.m.)	30.40	*	SW	4	o	30.56	+.01	59	+1	SW	3	c	2	–	64	54				
	Madeira (Funchal) ...	30.50	60	NE	3	bc	30.53	+.02	55	0	NE	3	b	3	–	63	54				

GALES.

Duration and Extreme Force in British Islands.

Lerwick 3p.m.-7a.m. SE.10 between 9p.m. and Midt.

Eskdalemuir. 7a.m. 14th. Squall S. 8.

Roche's Pt. 10p.m.-5a.m. SW.8.

Holyhead 4a.m. S.10. Gusts 77 m.p.h. 7a.m. SSW 8.

Pembroke. 11p.m.-6a.m. SSW 9 at 3a.m.

Scilly 2p.m. Gust 40 m.p.h. 5a.m. Gust 45 m.p.h.

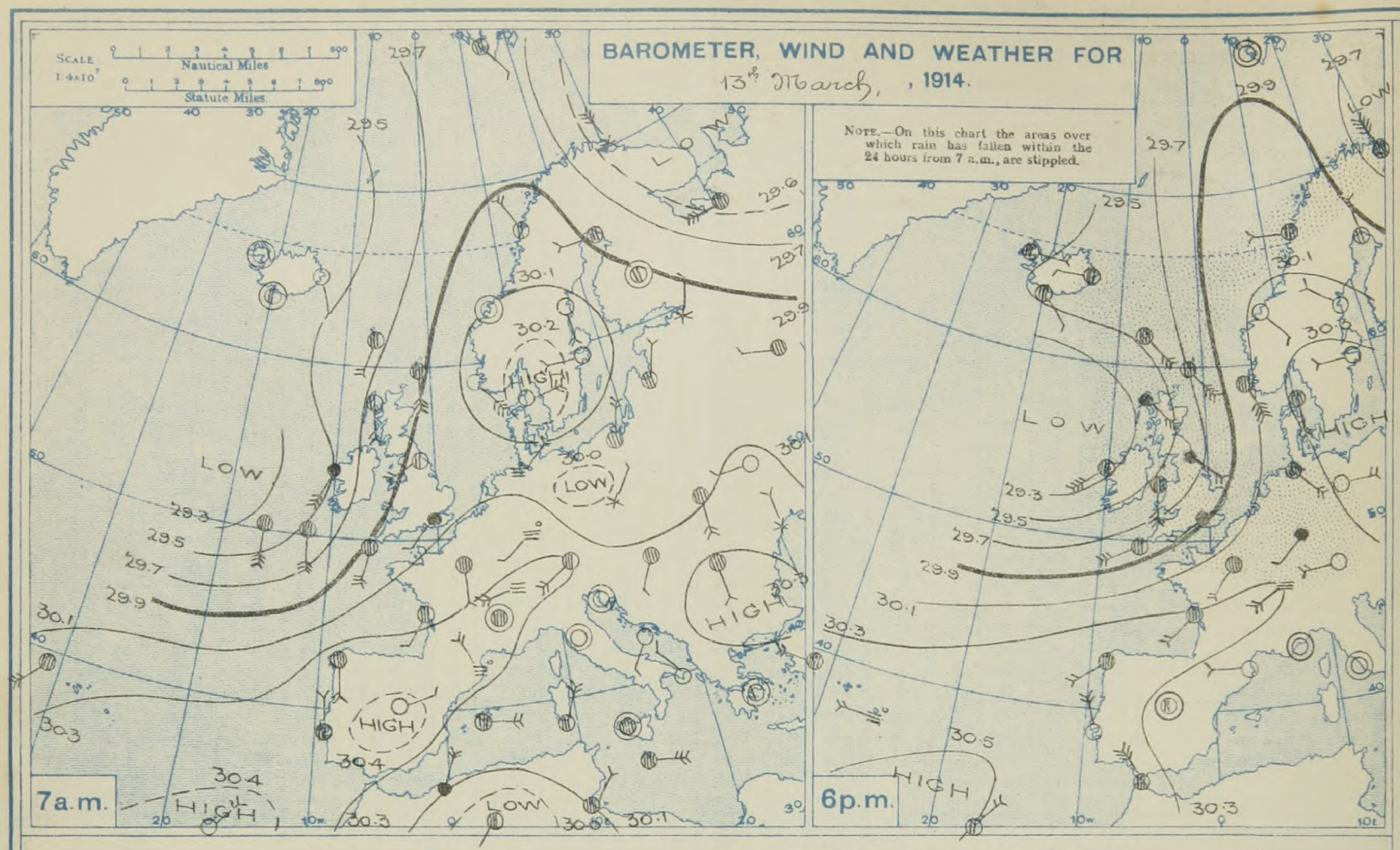
Wick. 2p.m.-11p.m. SSE 8.

Aberdeen. 6p.m. Squall SSE. 39 m.p.h.

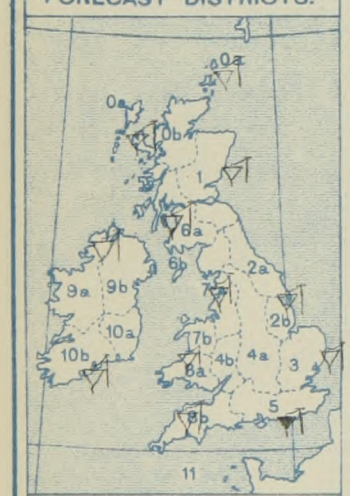
Bath. 5p.m. SW 8.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.



STORM WARNINGS.

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

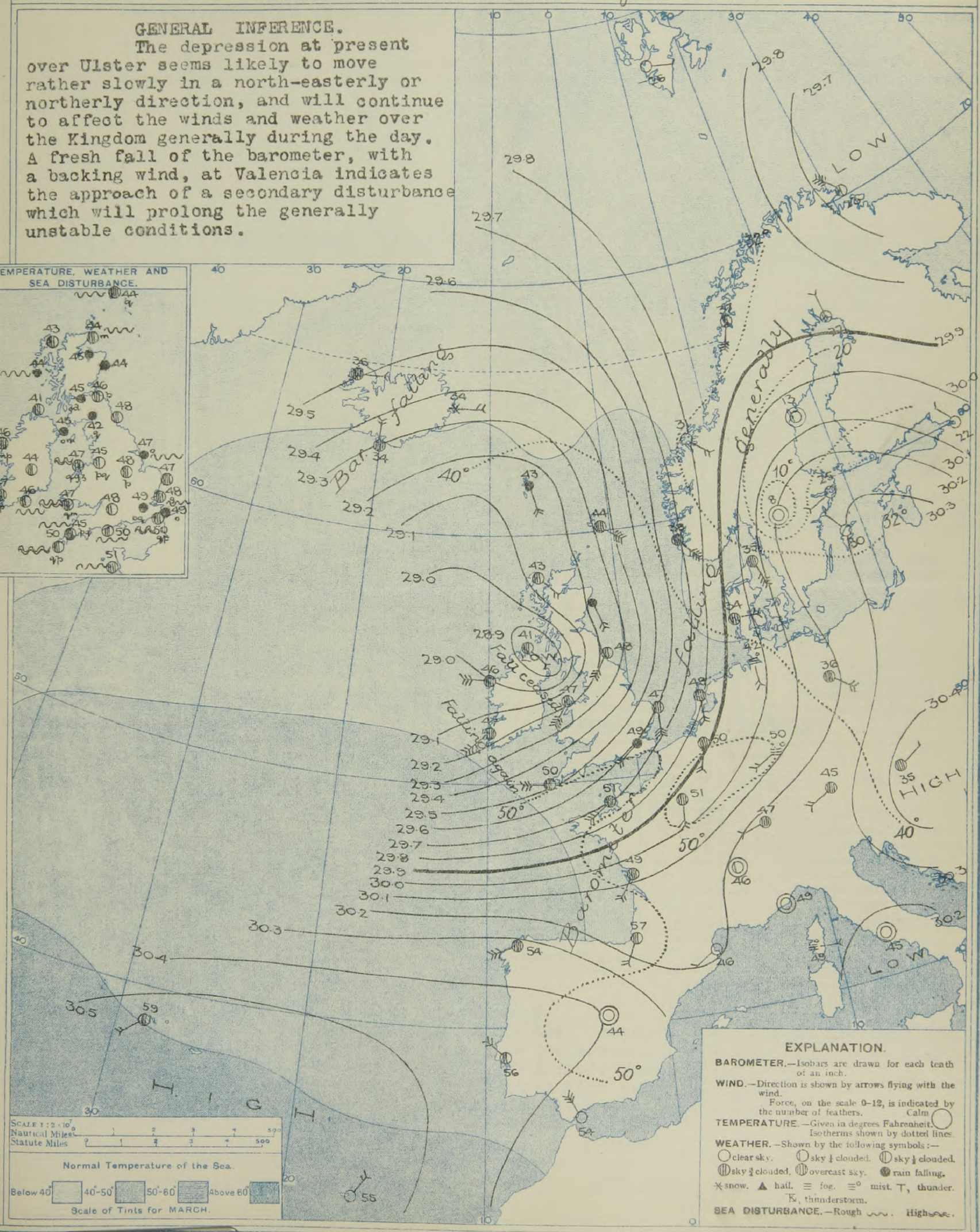
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted at 8.0 am yday in Dists 5 to 11; at 2.25 pm in Dists 0, 6 & 7; at 7.20 pm in Dists 1, 2 & 3; at 8.20 am today in Dist. 5.

0 a, b, 1	Wind South-Easterly or Southerly to South-Westerly, strong to a gale at times; mostly rainy; rather mild.
2 a, b, 3, 4 a, b, 5	Wind between South and South-West or West, fresh or strong generally, a gale at times in places; squally, some rain, fair intervals; mild.
6 a, b	Same as Nos. 0 and 1.
7 a, b, 8 a, b	Same as Nos. 2 to 5.
9 a, b, 10 a, b	Wind South-Westerly or Southerly, veering to West or North-West later; changeable, rain at times; mild, then cooler.
Western Channel and Bay. 11	South-Westerly to Westerly winds, strong to a gale; sea very rough; some rain and mist.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 14th MARCH, 1914.



DAILY WEATHER REPORT. Saturday, 14th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0·27	49	41	dp	or	0·0
	St. Andrews	0·23	46	33	*	*	0·0
Eng., N.E.	Harrogate	0·26	49	36	or	dp·c.	0·0
	Scarborough	*	45	41	or	or	0·0
	Skegness	0·19	50	*	c	rp	0·0
Eng., N.W.	Morecambe	0·24	52	39	r	r	0·0
	Blackpool	0·22	51	40	or	or	0·0
	Southport	0·17	52	40	or	omr	0·0
Midlands.	Buxton	0·19	49	35	bc·omr	cr	0·0
	Leamington Spa	–	54	36	o·c·bp	c·bp	0·0
	Malvern	0·35	53	41	r·o	pdpc.	0·0
Wales.	Rhyl	0·26	54	41	r·o	o.c.o.	0·1
	Colwyn Bay	0·20	54	44	r	r	0·0
	Llandudno	0·18	54	46	o	o	0·0
	Aberystwyth	0·23	52	45	r·o·c.	o·or	0·0
	Tenby	0·51	50	47	or	r	0·0
England. E.	Lowestoft	0·17	47	38	or	or·c	0·0
	Felixstowe	0·10	50	38	m·or	cpm·o.	0·0
	Walton-on-Naze	0·10	48	40	omd·or	o·cp·og	0·0
	Southend-on-Sea	0·14	51	41	r·o·c.	o	0·0

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0·11	53	40			0·0
	Ramsgate	0·16	51	40	r	bc	0·0
	Folkestone	0·16	48	42	r·or	or·o.	0·0
	Hythe	0·15	50	37	r	rbc·o	0·0
	Littlestone	*	*	*	*	*	0·0
	Hastings	0·20	49	42	orf	o	0·0
	Bexhill-on-Sea	0·16	41	42	m	o	0·0
	Eastbourne	0·20	50	43	o	oq	0·0
	Seaford	0·18	49	?	r	c	0·0
	Brighton	0·15	50	40	or·o	o	0·0
	Worthing	0·18	50	40	o	d	0·0
	Littlehampton	0·27	*	*	*	*	0·0
	Southsea	0·22	54	44	omc·b.	pc b·o	0·3
	Ryde	0·20	54	50			0·1
	Ventnor	0·36	52	44	*	*	0·0
	Bournemouth	0·22	53	45	or·o	or·o.	0·0
England, S.W.	Weymouth...	0·29	52	46	m·od	cd.	0·0
	Exmouth	0·10	55	48	bcp	b·bc.	0·0
	Teignmouth	0·18	54	47	cpr	cqr·c.	0·3
	Torquay	0·17	53	47	o	c	0·3
	Paignton	0·19	53	45	or	r·bc	0·3
	Falmouth	0·20	54	48	odq	c·bc.dq	1·0
	Bude	0·27	56	47	or·po.	o·bcp	1·1
	Ilfracombe	0·34	55	47	or·c.	cp·bc.	0·0
	Weston-super-Mare ...	0·19	54	43	r·op	bc·c.	0·1

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.) ...	78	86	0·0	55	47	43	0·10	0·or	or·o	or·o·or
City (Bunhill Row)	*	*	0·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	87	92	0·0	55	48	45	0·12	r	oe·r	bc·r.
Camden Sq. (Brit. Rainfall)	81	83	0·0	55	47	43	0·12	or·o	o·or	*
Hampstead (Reservoir) ...	*	86	0·0	58	45	?	0·11	or	or	bc·or
Richmond Park ...	*	*	0·0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	81	84	0·0							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
203 Joules	4·9 Milliwatts.	15·5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0·15	55	44	41	c·or	opc.	c·b	0·0
Plymouth to 9 p.m.	0·30	51	48	45	oq	odq	oq	0·3
Darwen ,,	0·26	49	38	34	c·our	our	or·u	0·0
Manchester ,,	0·20	53	39	*	c·or	or·op	op	0·0
Birmingham ,,	0·22	52	41	37	o·or	o	r·o	0·0
Oxford to 8 p.m.	*	55	42	33	c·or·orgm	orgm·oor	o·c·or	*
S. Kensington (Museum Grounds to 6 p.m.)	0·12	54	44	32	or	or·omd	od·oro	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

14th & 15th March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·14	12·3	5·52
	6·11	12·2	5·54
Greenwich	6·19	12·10	5·59
	6·17	12·9	6·2
Wick	6·35	12·22	6·8
	6·32	12·21	6·11
Valencia	7·0	12·51	6·41
	6·58	12·50	6·43

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° or above in most parts of these Islands, touching 56° at Bude. Rain has fallen very generally; more than 0·5 in. over a large portion of Ireland, and about 0·25 in. in several British localities. Scarcely any bright sunshine was reported except at Scilly, where the record was 2·6 hours. A Southerly to South-Westerly gale was experienced on various parts of our western and northern coasts.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 15th March, 1914.

	STATIONS.	Yesterday Evening: Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 A.M., G.M.T.: Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours: Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.15	45	SE	4	o	29.06	·00	41	−3	SSW	2	bc	2	0.07	46	39	orm	opq	cm.bc	*
	Stornoway	29.05	45	NW	4	op	29.34	+·07	42	−1	WNW	6	bcq	5	0.15	47	42	op	op	op.bcq	0.0
	Castlebay (Barra Isd.)	29.13	47	WNW	4	o	29.48	+·06	41	−3	WNW	5	cp	5	0.08	48	40	r.o	o.c.o	op.bcp	0.3
	Glasgow	29.10	44	WSW	4	odg	29.46	+·08	40	−5	WNW	5	b	*	0.19	45	40	odq	qd.od	od.cp.b	0.0
	Eskdalemuir ...	29.16	40	SSW	5	orq	29.53	+·09	37	−5	WSW	4	bc	*	0.56	44	36	orq	orq	orq.bc	0.2
	Malin Head... ...	29.17	46	SW	6	r	29.57	+·02	42	+1	WSW	5	o	6	0.48	47	40	orm	orm	cpq	*
	Blacksod Point ...	29.43	49	NW	7	cpm	29.66	−·02	44	−2	WNW	3	opm	3	0.14	50	41	bcp	bcp	cpm.o	*
	Valencia	29.76	48	WNW	8	cm	29.69	−·13	45	−2	SSE	3	odm	5	0.32	51	38	orm	orm.c	orm	0.0
	Roche's Point ...	29.57	49	NNW	9	c	29.77	*	45	−1	SSW	4	r	4	0.13	51	40	or	r.cp	c.od	*
	Birr Castle	29.45	47	W	5	c	29.72	*	40	−4	SSW	1	c	*	?0.05	51	38	c	cpq	[illegible]	5.3
	Donaghadee ...	29.20	46	W	4	orm	29.62	+·04	40	−5	WNW	4	bc	3	0.35	46	40	orm	orm	bcpq	*
	Liverpool Obsy. ...	29.30	45	WSW	3	o	29.69	+·04	43	−2	WSW	6	bcq	5	0.02	52	42	bcq	bcpq	bcq	5.2
	Holyhead	29.32	45	SW	4	ogm	29.76	+·01	44	−3	W	5	bcq	6	Trace	50	43	bc.com	c.bc.om	[illegible]	6.3
	Pembroke (St. Ann's Hd.)	29.46	48	W	7	c	29.85	−·01	46	−1	W	6	cgpq	6	0.22	48	37	cmq	cmqr	[illegible]	2.8
	Newquay	29.59	50	WNW	8	oq	29.92	−·02	44	−1	SW	4	odm	6	0.16	50	44	o.cp	o.cpq	[illegible]	1.7
	Scilly (St. Mary's) ...	29.71	50	WNW	10	cmpq	29.91	−·03	46	−4	SW	5	orm	7	0.09	51	44	ompq	ompq	cpq.om	1.8
	Jersey (St. Aubin) ...	29.73	50	WSW	8	dmq	30.06	*	47	−4	WSW	6	c	5	0.06	53	45	oq.c.b	c.odmq	oq.c	3.7
	Portland Bill ...	29.47	49	W	8	r	29.92	+·03	47	−3	WSW	7	bc	6	0.27	50	46	cp	or	or.c.bc	*
	Dungeness	29.44	47	SW	10	o	?29.86	+·08	47	−3	WSW	4	c	4	0.18	49	45	cpq	cpq	orq.c	*
	Dover	29.43	46	SSW	8	r	29.85	*	46	−3	WSW	5	bc	3	0.15	49	44	r.o	bc.or	r.o.c.bc	1.7
	Wick	28.95	44	SE	4	o	29.16	+·06	42	−2	WNW	5	orm	4	0.18	46	41	cm.odm	opm	opm.r	*
	Nairn	28.97	45	SW	2	og	29.29	*	41	−4	W	3	cdq	3	0.02	50	39	bc.c	cge	p.o	1.1
	Aberdeen	29.02	43	S	4	o	29.25	+·07	43	−1	WNW	6	bcq	3	0.22	48	42	rq.bc.r	r.cp	op.bcq	1.2
	Leith	29.06	45	SW	4	o	29.40	+·10	42	−4	W	4	b	*	0.12	49	41	orq	op.c	or.c	*
	North Shields ...	29.18	48	WSW	4	c	29.46	+·08	42	−6	WNW	6	b	3	–	54	42	bc	bc	c.b	6.6
	Spurn Head ...	29.27	46	SSW	2	c	29.59	+·10	44	−3	WNW	7	cqu	6	–	53	42	o	o.c	c	[illegible]
	Yarmouth	29.36	48	S	5	r	29.67	+·08	46	−1	W	5	bc	3	0.21	51	41	c	c.bcp	or.bc	1.8
	Clacton-on-Sea ...	29.35	45	S	8	r	29.76	+·12	45	−3	WSW	3	bc	2	0.23	50	44	ogrq.c	cq.org	orq.bc	1.9
	Nottingham... ...	29.29	44	SW	3	c	29.71	*	44	−4	SW	3	cp	*	0.04	51	40	c.o	op.c	c.bc	3.4
	Bath	29.39	46	W	7	o	29.88	*	45	−3	W	3	o	*	0.37	52	44	oprq	r.o.c	p.oq	1.8
	London (Kew Obsy.)...	29.31	49	SW	5	o	29.85	+·06	45	−4	SW	2	bc	*	0.22	52	45	orq.cq	cq.or.oq	oq.bc.bc	2.1
ICELAND, FAEROE, &c.	Spitzbergen	29.89	−20	–	0	b	29.76	−·01	−3	+23	–	0	s	*	*	−3	−33				
	Isafjord...	29.52	26	NE	4	o	29.44	−·01	23	−13	–	0	o	*	*	*	*				
	Reykjavik	29.42	31	N	3	bc	29.41	·00	25	−7	–	0	c	*	*	*	*				
	Vestmanna	29.32	33	N	8	b	29.37	+·02	27	−7	N	3	b	1	*	*	*				
	Seydisfjord	29.23	36	–	0	s	29.20	+·01	27	−7	S	3	o	*	*	*	*				
	Thorshavn	29.13	45	–	0	m	29.06	−·01	42	−1	WSW	2	m	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.75	22	NNW	6	o	29.82	+·03	23	0	N	4	o	3	?	23	19				
	Bodö	29.69	33	E	4	b	29.43	−·08	31	−6	ESE	7	b	4	–	39	28				
	Christiansund ...	29.50	41	–	0	o	29.16	−·03	42	+11	S	1	o	3	–	42	31				
	Skudesnaes	29.37	39	SE	8	r	29.13	−·02	40	+2	SSE	6	o	4	0.55	41	37				
	Færder (X'iania Fjord)	29.73	31	E	4	s	29.35	−·12	36	+8	SSE	5	f	3	?	36	27				
	The Scaw (Skagen)...	29.65	37	SSE	8	m	29.35	−·07	40	+5	SSE	4	m	2	0.20	40	34				
	Blaavands Huk ...	29.15	41	SSE	6	r	29.35	+·04	42	+4	WSW	4	b	3	0.24	45	36				
	Haparanda	29.84	20	S	2	o	29.83	−·01	13	−1	SE	2	o	*	–	28	9				
	Hernösand	29.88	30	–	0	b	29.65	−·05	33	+20	SE	4	c	*	–	41	12				
	Stockholm	30.01	39	SSE	4	bc	29.63	−·08	34	+9	SSE	4	o	*	–	36	25				
	Wisby	30.06	32	SW	2	c	29.68	−·08	36	+6	S	2	o	*	–	39	30				
	Karlstad	29.86	33	E	2	o	29.49	−·11	33	+25	ESE	2	r	*	0.43	36	7				
	St. Petersburg ...	30.00	23	WNW	1	b	30.09	−·02	24	+2	SW	2	o	*	–	32	?				
CENTRAL EUROPE.	Berlin	29.92	49	SE	3	o	29.80	·00	47	+11	S	4	b	*	0.04	47	36				
	Frankfurt	29.78	57	SW	4	o	29.92	·00	46	−4	SW	8	o	*	0.16	59	46				
	Munich	29.95	50	NE	3	c	30.14	+·02	43	−2	SW	5	c	*	0.24	57	41				
	Vienna	30.12	42	SSE	5	b	30.15	+·03	38	+3	ENE	2	o	*	–	46	37				
	Cuxhaven	29.61	49	S	6	r	29.56	+·05	43	+1	NW	6	o	3	0.08	54	42				
	The Helder	29.52	46	SSW	7	bc	29.61	+·03	45	−4	SW	6	r	3	0.28	52	43				
	Brussels	29.65	47	SSW	7	b	29.85	+·11	45	−5	WNW	4	r	*	0.24	54	44				
FRANCE.	C. Gris Nez... ...	29.50	46	SW	8	r	29.84	+·09	47	−2	WSW	7	bc	7	0.35	52	46				
	La Hève	29.67	48	NNW	7	r	30.01	*	46	−2	W	7	o	7	0.08	52	39				
	Ushant...	29.99	48	W	9	bc	30.08	*	50	−2	W	4	r	8	0.12	54	45				
	Brest (St. Mathien) ...	29.92	50	W	8	o	30.13	·00	47	−3	W	6	r	7	0.16	54	45				
	Rochefort (Ile d' Aix)	30.17	51	W	8	bc	30.30	+·03	50	+1	W	4	c	*	–	54	48				
	Biarritz	30.35	52	WSW	4	o	30.41	·00	51	−6	WSW	5	c	7	0.12	57	46				
	Paris	29.88	50	SW	5	b	30.08	+·06	46	−5	SW	3	o	*	0.04	56	45				
	Belfort	29.92	55	WSW	8	r	30.20	*	42	−5	WSW	7	o	*	0.04	64	40				
	Lyons	30.17	48	W	9	r	30.28	*	45	−1	W	1	c	*	–	64	42				
	Nice	30.16	49	–	0	b	30.10	·00	46	−3	–	0	r	2	Trace	63	45				
	Perpignan	30.21	56	NW	6	o	30.32	·00	50	+4	NW	5	b	*	–	64	48				
	Sanguinaire							*													
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.45	58	SSW	5	b	30.55	·00	50	−4	SSW	3	o	7	–	59	48				
	Madrid													*							
	Lisbon (9 a.m.) ...	30.56	53	NNW	4	b	30.60	+·04	52	−4	NNE	3	c	6	–	61	50				
	Gibraltar							*													
	Rome	30.15	55	SW	1	b	30.11	·00	46	+1	N	1	o	*	–	64	45				
	Azores (Horta, 8 a.m.)	30.62	*	SSW	4	c	30.59	−·02	59	0	SSW	4	o	2	–	64	59				
	Madeira (Funchal) ...	30.58	59	ENE	3	b	30.56	+·01	56	+1	ENE	3	b	3	–	64	55				

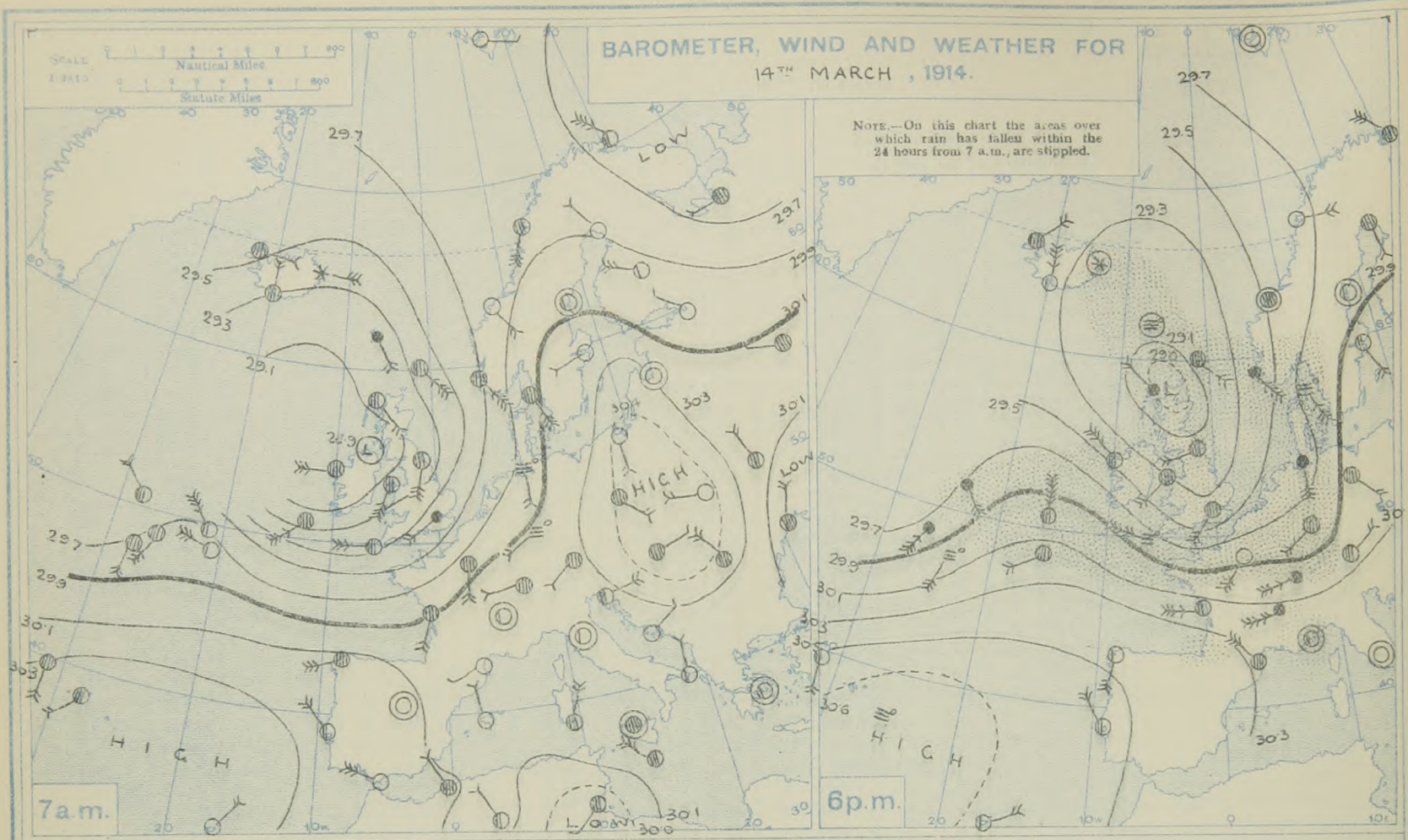
GALES.

Duration and Extreme Force in British Islands.

Lerwick	7am–10am.	SE 9 at 8am
Stornoway.	During night	squalls 8
Eskdalemuir.	7am–Noon.	S. 9. at 9am.
Valencia	2pm–6pm.	W. 10 at 3pm.
Roche's Point	1pm–7pm.	NW 9 at 4pm
Holyhead.	11pm.	W. 9.
Pembroke	10am–2pm.	SSW 9 at Noon
	9pm.	W. 8
Newquay	6p.m.	WNW. 8
Scilly	11am–6p.m.	W. 10 at 2pm
	2pm.	Squalls 11 gust 73mph
	6pm–1am	SSW 9 at 7pm
	7pm.	squalls 10 gust 73mph.
Falmouth.	11am–6pm.	W. 9
Jersey	2pm–6pm.	WSW. 8
Portland Bill	2pm–4am.	SW. 9
Dungeness	4pm–9pm	SW 10 at 4pm
Dover	4pm–7pm	SSW 9 at 7pm
Aberdeen.	2pm.	Squall 42mph SE
	7am.	" 43mph WNW
Shields	4am.	W. 8
Hexham	9am–10am.	SW 8
	9am	gust 51mph
Spurn Head	Midt–2am.	WNW 8 at 1am
Clacton-on-Sea	5pm–8pm.	S 8 at 5pm
Bath	5pm.	W. 10
	11pm.	W. 9
Nottingham.	3.30pm–4.25pm.	8.
	4.0pm.	Squall 72mph
S. Kensington.	10.30am.	gust 40mph
	0.50pm	" 42mph

Information for these columns not usually received.

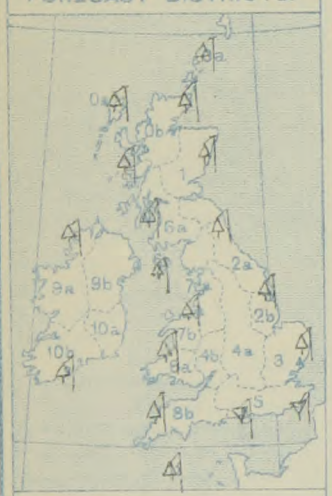
† Received too late for insertion in Charts.



PILOT BALLOON ASCENTS for the PAST WEEK.
COMPONENT VELOCITIES to EAST and to NORTH in METRES per SECOND

			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.
0 a/b	Station		Eskdalemuir		Eskdalemuir		South Farnboro'		South Farnboro'		Ziparon		Eskdalemuir		South Farnboro'	
1	Date and Hour		9h	11h	10h	13h.	10h	10h.	11h	7h.	11h	10h.	11h	13h.	14h	11h.
2 a/b	Heights in Kilometres.															
3		6·0	+20	+8												
		5·0	+8	+2					+12	-12						
4 a/b		4·0	+3	0			+14	+1	+9	-7						
		3·0	+2	-1			+11	-2	+9	-7	+7	-7				
		2·0	+1	0			+11	-8	+7	-7	+8	-7	+9	-5	+20	+17
5		1·0	0	+2	+3	-2	+7	-6	+5	-5	+3	-6	+3	-2	+20	+16
		0·5	0	0	+3	-2	+6	-5	+6	-7	+6	-5	+5	-1	+16	+11
6 a/b		Ground	0	0	+2	0	+4	-3	+3	0	+4	-1	+5	0	+7	+6
7 a/b	Station															
	Date and Hour															
8 a/b	Heights in Kilometres.															
9 a/b																
10 a/b																

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

South Cone. South Cone.

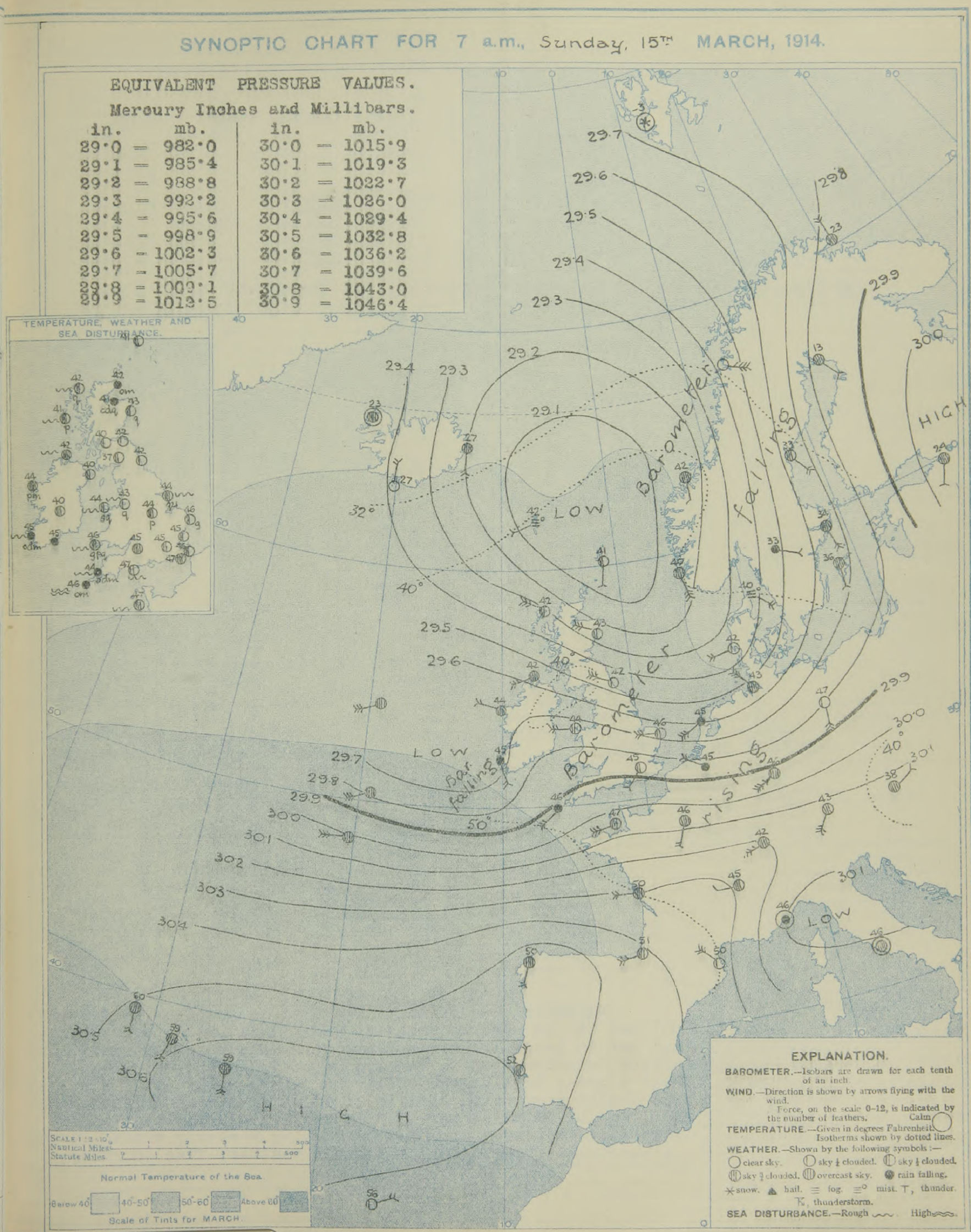
North Cone. North Cone.

South Cone hoisted yesterday morning at 8·20 in District 5. North Cone hoisted last evening at 7.15 p.m. in Districts 0 to 3 and 6 to 11

Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Sunday, 15TH MARCH, 1914.



DAILY WEATHER REPORT. Sunday, 15th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	
15th 7am	51	11	Haverford	O	29.76	-.07	WSW	4-5	o
14th 6p.m	48	26	Lusitania	H	29.93	.00	SSW	8-9	r
" "	48	25	New York	O	29.75	-.18	SW	6-7	o
" "	51	24	Caledonia	H	29.79	-.21	SE	6-7	r
" "	47	24	Gothland	H	29.85	-.09	SSW	6-7	m
" "	50	15	Cedric	O	30.08	+.15	N	12	c
" "	48	15	Minnetonka	H	30.15	-.06	WSW	4-5	o

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	
14th 7a.m	50	28	Caledonia	H	30.25	.00	NW	4-5	c
" "	47	27	Gothland	H	30.17	+.01	SSW	4-5	o
" "	48	26	Montrose	H	29.88	.00	SW	6-7	o
" "	49	21	New York	O	29.97	+.37	WNW	8-9	bc
" "	48	20	Minnetonka	H	30.02	+.04	WNW	6-7	b
" "	51	13	Cedric	O	28.93	-.13	WSW	8-9	?

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban						
	St. Andrews				*	*	
Eng., N.E.	Harrogate	0.07	51	40	bc.b.bc	bc.c.or	4.0
	Scarborough	*					
	Skegness	0.26	51	?	r.b.o	r.b.o	2.3
Eng., N.W.	Morecambe	0.10	52	44	b	b.bc.o	6.5
	Blackpool	–	51	45	bc.c.or	or	6.5
	Southport	0.10	54	44	bc.o.bc	bc.o	7.2
Midlands.	Buxton	0.18	49	39	bcr	bc	3.9
	Leamington Spa	0.18	52	?	c.b.or	or	2.2
	Malvern	0.36	48	42	p.o	p.bc	2.5
Wales.	Rhyl	0.04	52	46	c.bc	bc.c	5.7
	Colwyn Bay						
	Llandudno						
	Aberystwyth	0.17	48	42	r.o.c	c.o	1.3
	Tenby	0.56	51	43	bcv	p.bc	3.3
England, E.	Lowestoft						
	Felixstowe	0.17	50	44	m.qr.c	cm.oqr	2.6
	Walton-on-Naze	0.19	48	44	od.oqg	cp.oqr	2.3
	Southend-on-Sea	0.09	52	43	r.c.bc	bcrq	3.2

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.10	51	?	rq	rq	1.8
	Ramsgate	0.13	49	45	d	o	2.7
	Folkestone	0.20	49	45	r.o.c	b.or	2.2
	Hythe	0.33	51	46	r	bcru	2.3
	Littlestone	*	*	*	*	*	2.5
	Hastings	0.32	50	46	or	bc.or	2.4
	Bexhill-on-Sea	0.27	49	46	o	or	2.0
	Eastbourne	0.25	49	46	op	bc.orq	2.0
	Seaford	0.28	49	?	o.or	o	1.9
	Brighton	0.32	49	46	oq.o	cq	3.0
	Worthing	0.21	51	46	o.bc	bcqr	2.8
	Littlehampton	0.17	*	*	*	*	0.9
	Southsea						
	Ryde						
	Ventnor				*	*	
	Bournemouth	0.60	51	46	o.c	c.or	2.8
England, S.W.	Weymouth	0.46	51	45	cr	r.o	2.6
	Exmouth						
	Teignmouth	0.46	52	44	qp.bcp	r	2.6
	Torquay						
	Paignton	0.56	52	43	bcp.r	r	3.1
	Falmouth	0.59	50	44	or.bcq	orq	2.2
	Bude						
	Ilfracombe	0.71	50	43	or	r.o	0.0
	Weston-super-Mare						

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	62	63	2.5	54	44	37	0.15	c.bc.o	or	or.bc
City (Bunhill Row)	*	*	1.4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	73	79	2.2	52	45	41	0.18	or	or	bc
Camden Sq. (Brit. Rainfall)	69	65	2.0	53	44	39	0.42	c.cp	o.or	*
Hampstead (Reservoir)	*	93	1.6	49	41	?	?	or	or	c
Richmond Park	*	*	2.9							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	69	68	2.2							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
581 Joules	13.8 Milliwatts.	54.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.10	53	43	41	qr.c	c.b	c	*
Plymouth to 9 p.m.	0.35	51	44	43	bc	bc	orq	2.2
Darwen "	0.19	51	41	39	or.c	cu.b	bc.or	3.9
Manchester "								
Birmingham "	0.24	48	39	41	r.c	r.c	c.o	1.6
Oxford to 8 p.m.	*	51	43	41	oc.or.bc	bc.or.c	c.or	*
S. Kensington (Museum Grounds to 6 p.m.)	0.33	52	46	42	or	bc.oq	oqr	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

15th & 16th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.11 / 6.8	12.2 / 12.2	5.54 / 5.56
Greenwich	6.17 / 6.14	12.9 / 12.9	6.2 / 6.4
Wick	6.32 / 6.29	12.21 / 12.21	6.11 / 6.14
Valencia	6.58 / 6.55	12.50 / 12.50	6.43 / 6.45

NOTES ON YESTERDAY'S WEATHER.

Mildness was general. Temperature mounting to between 50° and 54° in most localities. Rain fell nearly everywhere, but not in large amounts. There were many bright periods, the bright sunshine records ranging up to 7·2 hours at Southport. Over a great part of the country a severe S.Wly. to N.Wly. gale was experienced, with squalls of 72 miles per hour at Warlingham, and of 78 miles per hour at Scilly. As far west as the 30th meridian ships experienced varying Westerly winds, strong to hurricane force, with changeable weather, fine to rainy.

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, 16th March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.16	42	W	5	cq	29.21	+.02	36	-5	WNW	3	or	2	0.15	47	34	bc.op	cq	ops	*
	Stornoway	29.43	38	WSW	3	cp	29.45	+.08	38	-4	NW	5	bc	4	0.14	46	35	bcpq	bcp	ch.cp	?
	Castlebay (Barra Isd.)	29.43	41	WNW	4	cp	29.54	+.10	39	-2	NNW	5	chp	5	0.14	45	37	cp.bc	c.op	cpd.ch	4.8
	Glasgow	29.49	42	SW	2	odp	29.35	+.12	36	-4	N	2	o	*	0.57	46	32	b.p.bcc	c.b.pcp	orps	5.6
	Eskdalemuir ...	29.52	38	SW	4	ou	29.24	+.05	33	-4	N	6	prs	*	0.52	44	32	bp.c	bc.c.o	o.ors	4.8
	Malin Head... ...	29.42	42	SSW	2	o												bc	opm		*
	Blacksod Point ...	29.43	49	WSW	5	opm												opm	opm		*
	Valencia	29.64	50	SW	4	om	29.86	+.14	45	0	NW	6	omqp	6	0.08	53	39	om	om	omp	0.0
	Roche's Point ...	29.65	52	NW	4	b	29.73	*	42	-3	NW	7	bc	5	0.05	56	42	d.cm	cq.om	o.bcq	*
	Birr Castle	29.52	49	SW	3	c	29.65	*	38	-2	W	5	c	*	0.19	51	38	or	or.c	cqp	0.0
	Donaghadee ...	29.49	43	SW	2	orm	29.31	+.21	38	-2	N	6	crq	5	0.13	49	38	bc	cp	omr.cq	*
	Liverpool Obsy. ...	29.54	43	SSE	2	or	29.10	-.13	40	-3	SW	3	or	3	0.25	49	39	bc	cp	or	1.5
	Holyhead	29.55	46	SSW	3	ofc	29.25	+.13	44	0	NW	9	oq.gm	9	0.11	49	42	ct od.c	opdm	o.cp.cq	0.1
	Pembroke (St. Ann's Hd.)	29.73	48	SSW	5	c	29.44	+.04	42	-4	WNW	8	cq.r	7	0.13	50	38	cqq.p	ogm	cq.m	0.0
	Newquay	29.78	50	W	5	om	29.68	+.08	46	+2	NW	9	bc	8	0.10	51	44	orm	om	o.cqp	0.0
	Scilly (St. Mary's) ...	29.80	51	W	6	om	29.75	+.04	46	0	WNW	8	cqp	6	0.17	52	45	om	om	omp.cq	0.0
	Jersey (St. Aubin) ...	29.88	51	WSW	5	ome	29.69	*	49	+2	W	7	c	5	0.10	52	46	c.ogd	d.ogme	oepq.c	0.0
	Portland Bill ...	29.69	49	WSW	6	o	29.50	+.01	47	0	W	8	bc	6	0.11	50	45	c.bc	c.ow	e.o.bcq	*
	Dungeness	29.71	48	SW	6	r	29.38	-.03	47	0	W	6	cq	6	0.40	50	45	c	c.or	or.q.r.c	*
	Dover	29.68	46	SSW	6	orm	29.34	*	47	+1	WSW	5	c	5	0.34	52	44	bc	orm	r.o.c	4.5
	Wick	29.37	40	SW	3	c	29.32	+.03	33	-9	W	2	bcm	1	0.05	45	31	bcmq	bcqp	cph	*
	Nairn	29.42	40	W	1	bc	29.39	*	35	-6	–	0	cq	1	Trace	47	39	gq.c	g.bc	bcxc	5.3
	Aberdeen	29.43	43	W	3	c	29.33	+.05	35	-8	NW	3	bc	2	–	49	33	bcq	b.bc	c.b.bc	6.4
	Leith	29.48	46	W	2	bc	29.29	+.10	38	-4	N	4	r	*	0.46	49	36	b.bcp	c	o	*
	North Shields ...	29.52	46	W	4	c	29.13	?	41	-1	NNW	1	r	2	0.26	49	40	bc	c	orr	5.0
	Spurn Head ...	29.59	45	SW	2	c	29.14	-.15	44	0	W	4	c	4	0.35	47	41	cq	c	or	1.2
	Yarmouth	29.67	45	S	2	orm	29.24	-.10	45	-1	SW	2	ornr	1	0.12	50	44	bc	bc.orm	omr	3.6
	Clacton-on-Sea ...	29.66	45	SSW	4	org	29.27	-.13	46	+1	WSW	5	c	4	0.14	51	44	bc.c	c.ogr	ogr.c	3.2
	Nottingham... ...	29.58	44	ESE	2	r	29.18	*	42	-2	WSW	4	cmp	*	0.21	49	42	c.o	or	od	1.1
	Bath	29.70	51	W	6	o	29.38	*	43	-2	W	10	c	*	0.20	54	43	orq	r.o	orq	0.2
	London (Kew Obsy.)...	29.66	50	SW	2	cm	29.35	-.05	46	+1	W	5	bcq	*	0.11	51	45	bc.cpo	or.cm	cm.or.o.bcq	2.4
ICELAND, FAEROE, &c.	Spitzbergen	29.76	6	–	0	s	29.84	+.03	8	+11	NNW	1	s	*	*	9	-3				
	Isafjord...	*	24	NE	3	o	29.54	+.04	18	-5	–	0	c	*	*	*	*				
	Reykjavik	29.42	35	W	2	o	29.49	+.05	27	+2	N	3	b	*	*	*	*				
	Vestmanna	29.40	33	NW	2	b	29.47	+.01	32	+5	W	5	bc	1	*	*	*				
	Seydisfjord	29.27	26	W	5	c	29.35	-.01	21	-6	WNW	7	b	*	*	*	*				
	Thorshavn	29.17	39	W	5	o	29.26	+.04	33	-9	NW	2	s	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.86	23	W	2	o	29.76	.00	23	0	ESE	2	o	2	–	25	16				
	Bodö	29.27	33	E	6	c	29.15	-.03	30	-1	E	6	c	3	–	34	30				
	Christiansund ...	29.06	43	–	0	c	29.01	-.03	44	-1	–	0	o	3	0.08	45	37				
	Skudesnaes	29.16	41	W	4	c	29.19	-.02	39	-1	W	2	o	4	0.20	41	37				
	Færder (X'tania Fjord)	29.17	38	WSW	5	o	29.15	-.02	36	0	W	2	bc	4	0.24	39	34				
	The Scaw (Skagen)...	29.32	42	W	6	r	29.26	-.02	38	-2	SW	3	b	1	0.12	43	37				
	Blaavands Huk ...	29.55	41	WSW	5	m	29.30	-.10	40	-2	SSE	2	m	2	–	42	37				
	Haparanda	29.64	21	SE	2	o	29.37	-.04	23	+10	E	2	s	*	0.04	23	13				
	Hernösand	29.36	32	SE	2	o	29.12	-.05	33	0	–	0	s	*	0.43	43	30				
	Stockholm	29.39	37	S	4	o	29.25	-.01	37	+3	SW	3	o	*	0.08	37	32				
	Wisby	[illegible]	40	SSW	4	o	29.37	-.03	40	+4	SW	6	bc	*	0.04	41	34				
	Karlstad	29.27	37	SE	2	r	29.19	-.02	36	+3	SW	2	o	*	0.16	37	32				
	St. Petersburg ...	29.77	31	SSE	2	o	29.55	-.07	33	+9	S	1	f	*	0.08	33	23				
CENTRAL EUROPE.	Berlin	29.85	46	W	2	b	29.52	-.11	44	-3	S	3	o	*	0.20	54	43				
	Frankfurt	30.00	48	SW	5	c	29.63	-.14	45	-1	SW	6	r	*	0.08	52	45				
	Munich	30.13	46	W	5	o	29.86	-.06	42	-1	SSW	4	o	*	–	50	36				
	Vienna	30.12	45	W	1	o	29.95	-.12	41	+3	SW	1	c	*	–	50	39				
	Cuxhaven	29.71	43	W	4	b	29.28	-.13	45	+2	WSW	4	r	1	0.20	46	41				
	The Helder	29.74	44	SSW	4	c	29.27	-.12	44	-1	S	4	r	3	0.12	46	43				
	Brussels	29.78	46	SSW	5	r	29.39	-.22	46	+1	SW	4	r	*	0.43	52	45				
FRANCE.	C. Gris Nez... ...	29.71	46	SSW	7	r	29.35	-.12	48	+1	WSW	7	r	7	0.51	48	46				
	La Hève	29.86	47	SW	4	o	29.58	*	46	0	W	7	r	7	0.08	50	45				
	Ushant...	29.96	53	W	4	o	29.84	*	50	0	NW	7	o	7	0.04	53	45				
	Brest (St. Mathieu) ...	29.99	52	W	6	f	?	+.06	50	+3	NW	6	o	7	0.12	54	47				
	Rochefort (Ile d'Aix)	30.15	50	SW	6	f	30.00	-.05	52	+2	WSW	8	o	*	0.39	52	48				
	Biarritz	30.37	50	WSW	4	r	30.30	+.02	53	+2	WSW	5	o	6	0.43	54	46				
	Paris	29.99	48	SSW	5	o	29.62	-.12	51	+5	SW	5	o	*	0.04	52	46				
	Belfort	30.18	46	WSW	7	o	29.87	*	46	+4	WSW	7	r	*	–	57	42				
	Lyons	30.27	49	–	0	o	30.08	*	43	-2	S	1	o	*	0.88	54	42				
	Nice	30.11	47	–	0	b	30.04	.00	51	+5	–	0	c	1	0.16	57	43				
	Perpignan	30.27	54	NW	4	c	30.19	.00	59	+9	NW	5	o	*	–	60	50				
	Sanguinaire	*	54	W	3	m	*	*	50		E	2	m	5	–	59	48				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.47	57	SSW	3	o	30.47	.00	54	+4	SW	6	o	6	?	59	50				
	Madrid...	30.36	62	NW	3	c	30.45	+.02	49		NW	1	c	*	–	63	45				
	Lisbon (9 a.m.) ...	30.62	53	WNW	5	b	30.56	+.01	54	+2	NNW	3	c	6	–	64	52				
	Gibraltar	30.52	59	W	5	bc	30.41	*	57		NW	6	c	2	–	65	55				
	Rome	30.09	52	–	0	r	30.06	+.04	48	+2	N	1	o	*	0.32	63	45				
	Azores (Horta, 8 a.m.)	30.58	*	SSW	5	b	30.59	+.03	60	+1	SSW	3	o	2	–	64	59				
	Madeira (Funchal) ...	30.59	59	N	3	b	30.51	+.01	60	+4	N	3	b	3	–	64	56				

GALES.

Duration and Extreme Force in British Islands.

Glasgow.
9 a.m W 8.

Roche's Point.
3 a.m – 7 a.m NW. 8.

Holyhead.
7 a.m NW 9

Pembroke. 1 a.m – 7 a.m
Ex. W 9 at 4 a.m.
Ex. WNW 10 at 5 a.m.

Newquay.
3 a.m – 7 a.m NW 9.

Scilly.
3 a.m – 7 a.m. WNW 8
Squall force 9.

Jersey. Night.
W 8

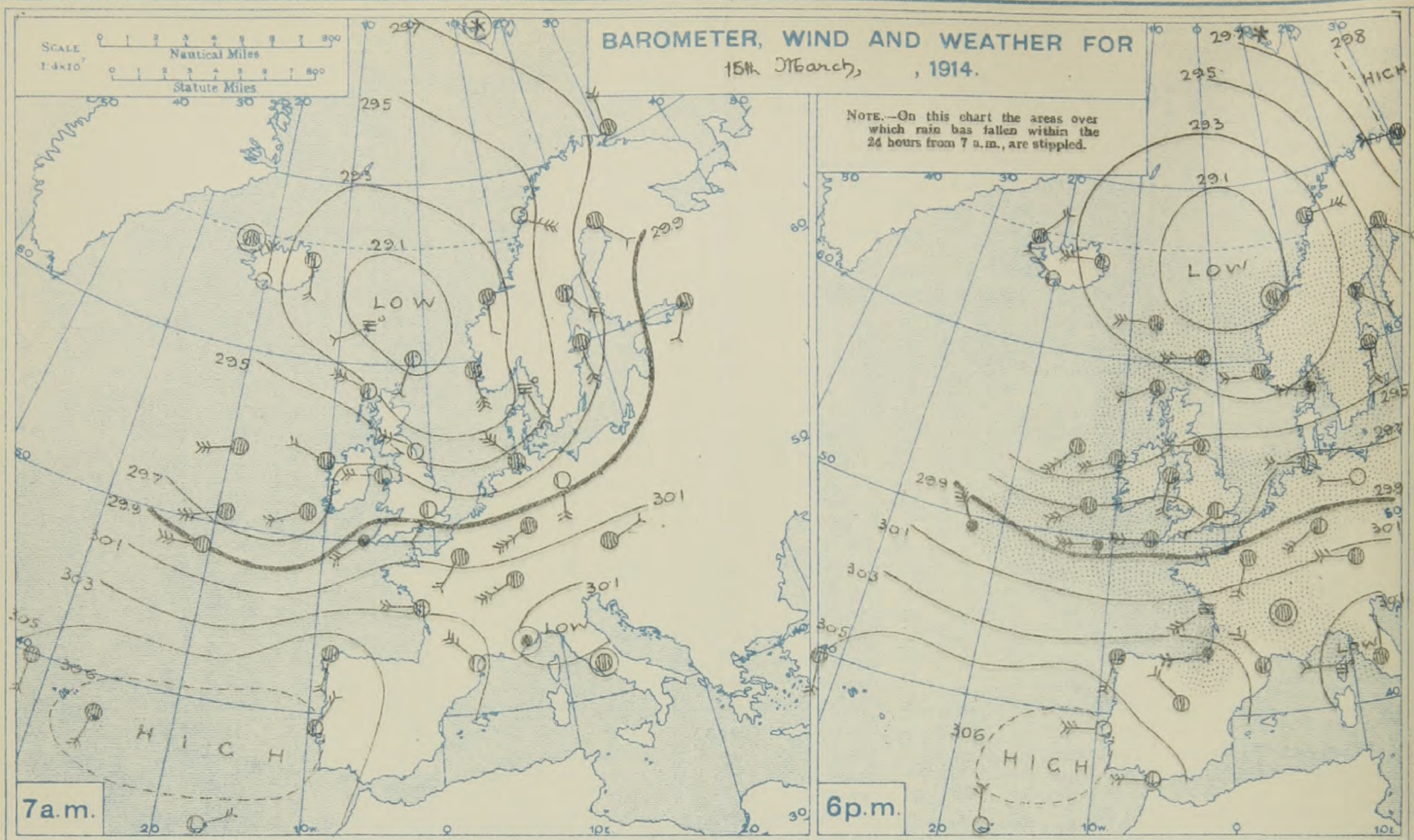
Portland.
6 a.m – 7 a.m W 8.

Dungeness
4 a.m – 6 a.m WSW 8

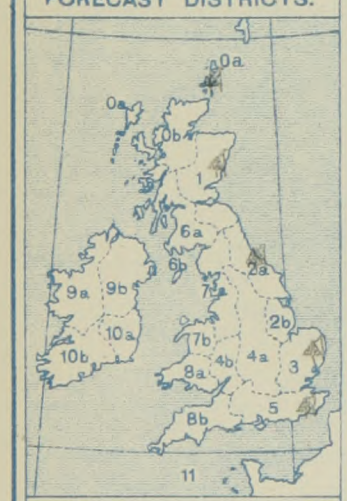
Bath. 7 a.m.
W 10.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.



STORM WARNINGS.

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

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

NORTH CONE HOISTED

Districts 2-5 at 8.25am to-day

do 0-1 at 10.45am to-day

0 {a, b} 1 — Northerly and North-Westerly winds, freshening, strong in places; cold, changeable, some snow showers.

2 {a, b} 3 — Wind shifting to the North-Westward and increasing to a gale, with squalls of hail or sleet. Becoming colder.

4 {a, b} 5 — Westerly to North-Westerly gales and high winds, with squalls of hail or sleet. Wind moderating gradually later and weather improving. Becoming colder.

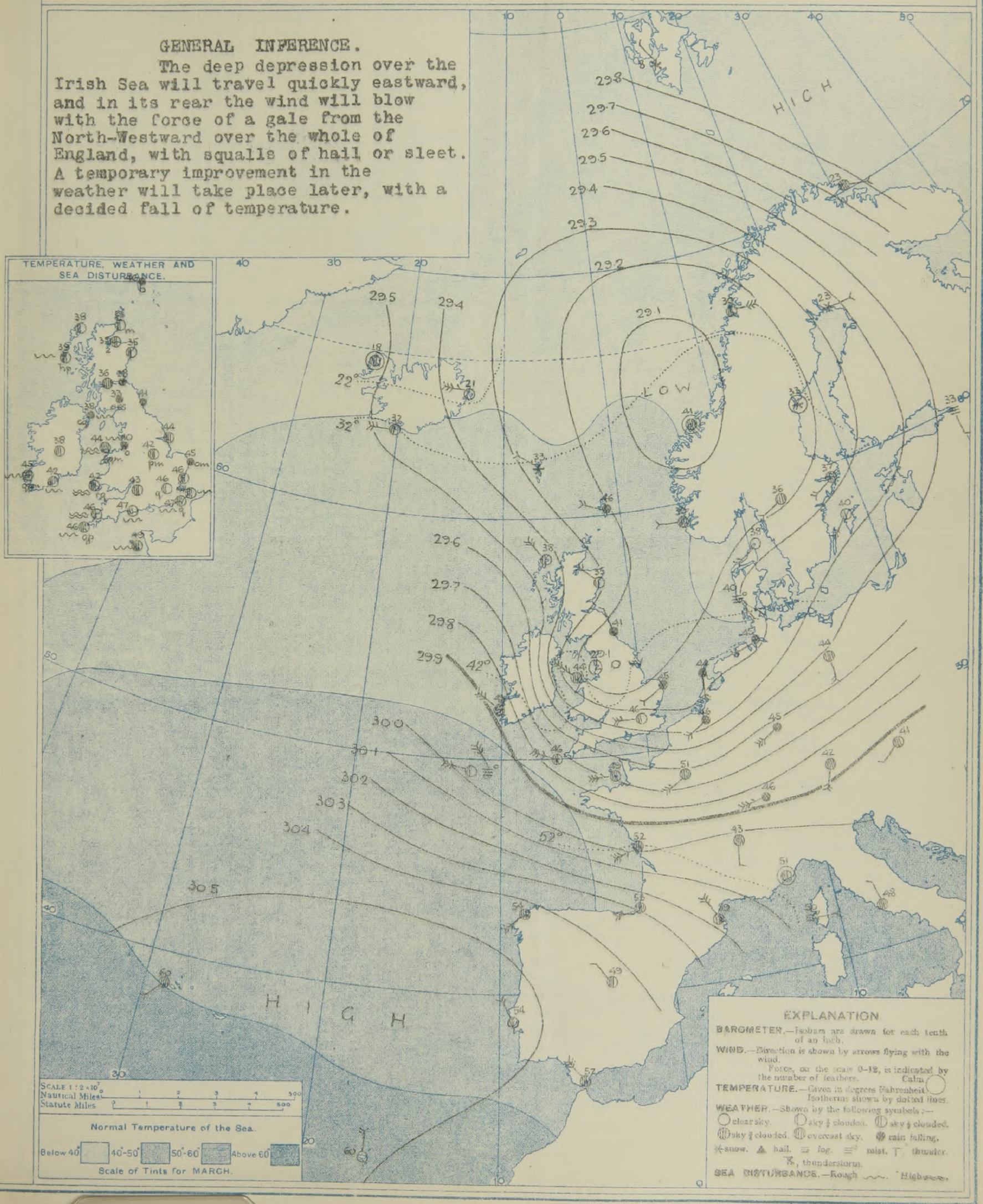
6 {a, b} — Same as Nos. 0 and 1.

7 {a, b} 8 {a, b} 9 {a, b} — North-Westerly gales, with squalls of hail or sleet. Wind moderating and backing later and weather improving temporarily. Colder.

10 {a, b} Western Channel and Bay. 11 — North-Westerly gales and very rough sea, with squally, showery weather. Wind moderating somewhat later and weather improving temporarily. Colder.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Monday, 16TH MARCH, 1914.



DAILY WEATHER REPORT. Monday, 16th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
16th 7a.m	49	11	Gothland	H	29.96	+.08	WNW	6-7	bc
" "	49	10	Lapland	O	29.95	+.18	NW	6-7	m
15th 6p.m	49	22	Cedric	O	30.01	+.13	NW	6-7	r
" "	48	16	Gothland	H	29.80	-.08	W	4-5	m
" "	54	14	Caledonia	H	29.23	-.13	SW	8-9	o
" "	50	14	Haverford	O	29.78	-.09	W	6-7	o
15th 6p.m	51	12	Lusitania	H	29.80	-.07	WSW	6-7	o
" "	49	11	Mount Royal	O	29.78	-.01	W	6-7	r
" 1p.m	54	11	California	O	29.17	-.05	SSE	1-3	r
" 7a.m	48	20	Gothland	H	29.89	+.01	W	6-7	o
" "	53	19	Caledonia	H	29.53	+.01	WSW	6-7	o
" "	50	19	Lusitania	H	29.91	.00	WSW	6-7	o

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	0.11	46	39	bcp.c	o	2.2
	Scarborough	*	52	43	c.b	c.b	4.5
	Skegness	-	49	?	b.bc	c	1.5
Eng. N.W.	Morecambe						
	Blackpool	0.08	48	43	c.o	or	1.4
	Southport	0.04	46	43	bc.o	p.or	1.5
Midlands.	Buxton	?	47	38	bc	bc	?
	Leamington Spa	0.23	48	41	c.b.or	or	2.3
	Malvern	0.19	50	42	bc.c	c.o.c	0.0
Wales.	Rhyl	0.05	49	43			1.3
	Colwyn Bay	-	49	43	bc	bc.o	0.9
	Llandudno	0.04	50	44	c	o.c	0.6
	Aberystwyth	0.09	49	42	om	p.om	0.0
	Tenby						
England, E.	Lowestoft	0.05	52	43	bc.c	c.or	3.3
	Felixstowe	0.18	50	43	bcq	m.or	2.7
	Walton-on-Naze	0.30	49	42	c.o	od.or	2.6
	Southend-on-Sea	0.07	51	43	b.bc	or.o	3.8

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.09	51	44	bc	op	2.0
	Ramsgate	0.18	51	38	*	*	2.7
	Folkestone	0.20	52	44	bc.o	or	2.7
	Hythe						
	Littlestone	*	*	*	*	*	4.0
	Hastings	0.26	52	45	or.bc	or	3.9
	Bexhill-on-Sea	0.25	50	46	bc	or	3.8
	Eastbourne	0.21	50	45	b.o	oge	4.0
	Seaford						
	Brighton	0.18	50	46	bc.c.or	or.o	3.8
	Worthing	0.16	50	45	bcr	r	3.0
	Littlehampton	0.06	*	*	*	*	2.5
	Southsea	0.24	52	45	b	or	2.2
	Ryde	0.14	51	45	b	or	3.0
	Ventnor	0.14	56	44	*	*	1.6
	Bournemouth	0.10	51	45	c	or	1.2
England, S.W.	Weymouth	0.12	51	48	cp	p.o	0.3
	Exmouth						
	Teignmouth	0.08	55	45	cp.or	cq	0.7
	Torquay	0.08	56	45	o	c.o	0.7
	Paignton	0.10	55	44	cp	c	0.0
	Falmouth	0.20	53	44	orq	oq	0.0
	Bude	0.10	52	44	o.odp	odp	0.0
	Ilfracombe	0.18	52	45	or.o	o.c	0.0
	Weston-super-Mare	0.10	52	43	cr.c	b.bc.o	0.1

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-Day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	94	73	3.3	51	44	40	0.16	b	o.or	or.o
City (Bunhill Row)	*	*	2.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	86	86	2.5	52	45	42	0.14	r	r	r.d.o
Camden Sq. (Brit. Rainfall)	-	79	2.3	51	44	39	0.17	-	-	*
Hampstead (Reservoir)	*	78	2.6	49	41	?	?	or	or	or
Richmond Park	*	*	3.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	-	79	2.4							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
513 Joules	12.1 Milliwatts.	58.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.13	49	40	38	op.bc.o	or	op	0.0
Plymouth to 9 p.m.								
Darwen ,,								
Manchester ,,	0.06	48	43	*	or.bc	bc.c.o	c.op	1.5
Birmingham ,,	0.04	47	40	37	*	c.	o.or	1.5
Oxford to 8 p.m.	*	51	43	37	bq.b	c.our	op	*
S. Kensington (Museum Grounds to 6 p.m.)	0.08	51	45	34	odqpbc	bc	op.bc	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

16th & 17th Mar 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.8	12.2	5.56
	6.5	12.2	5.58
Greenwich	6.14	12.9	6.4
	6.12	12.9	6.6
Wick	6.29	12.21	6.14
	6.26	12.21	6.16
Valencia	6.55	12.50	6.45
	6.53	12.50	6.46

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 50° and 55° in several parts of England and the south of Ireland, and reached 56° at Torquay and Roche's Point. Considerable amounts of bright sunshine were recorded in Scotland and the north-east of England, elsewhere the duration was small. Rain fell generally Wireless reports show that as far west as the 20th meridian ships experienced strong to high winds from the Westward and 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.

Tuesday, 17th March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 8 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon	Weather. Night	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.36	37	NW	4	cq	29.51	+.01	35	-1	WNW	3	bcq	2	0.17	40	31	bcshq	cshq	cph.bc	*
	Stornoway	29.69	40	NW	6	bcphq	29.58	-.07	38	0	SW	5	op	4	0.16	44	35	bcphq	bcphq	bc.ephq	?
	Castlebay (Barra Isd.)	29.79	41	WNW	5	bc	29.60	-.09	43	+4	WSW	4	op	5	0.06	44	37	csh.bc	bch.bc	cp.b.hp	5.0
	Glasgow	29.73	39	WNW	4	b	29.76	-.05	37	+1	SW	3	o	*	0.02	43	34	o.c.bc.b	b.bc	cp.b.oc	6.3
	Eskdalemuir ...	29.74	36	W	5	b	29.82	-.03	33	0	SW	3	o	*	0.05	43	32	ors.c	c.bc.b	b.ops.c	6.5
	Malin Head... ...	29.83	43	NW	7	c	29.68	-.06	39	-1	SW	5	r	3	0.22	44	36	bcqph	cqph	omqr	*
	Blacksod Point ...																				*
	Valencia	30.18	45	WNW	5	bc	29.93	-.12	46	+1	SW	5	og	5	0.03	49	41	bchq	bcq	bcp	7.0
	Roche's Point ...	30.11	45	NW	5	bc	29.98	*	42	0	WSW	3	o	3	0.02	48	38	bcq	bcpq	b.op	*
	Birr Castle	30.03	43	NW	4	bc	29.88	*	39	+1	S	1	c	*	0.02	48	36	c	bc	bc.cp	7.7
	Donaghadee ...	29.86	40	NW	5	bcqph	29.84	-.04	36	-2	W	3	c	3	0.06	45	35	cpqh	bcphq	oph.bc	*
	Liverpool Obsy. ...	29.84	41	WNW	6	b	29.91	-.02	40	0	WSW	4	o	3	0.02	45	39	bcq	bqh	bc	4.0
	Holyhead	29.91	41	WNW	5	bcq	29.95	-.04	41	-3	WSW	4	cz	3	0.06	46	39	opc.bc	oph.cq	bc.b.bz	5.0
	Pembroke (St. Ann's Hd.)	29.99	45	NW	5	b	30.04	-.04	44	+2	W	4	bc	4	0.04	46	38	cqr	cqa	bq	5.6
	Newquay	30.02	45	NW	8	bqu	30.08	-.03	43	-3	W	6	oqu	7	–	47	43	bcq.bq	bqu	bcq.cq	7.1
	Scilly (St. Mary's) ...	30.09	46	NW	7	bc	30.13	-.03	45	-1	WSW	4	bcp	5	0.02	49	41	bcq	bcqp	bc.bcp	8.4
	Jersey (St. Aubin) ...	29.96	49	WNW	5	c	30.15	*	43	-6	WNW	3	b	3	0.02	51	42	c.b	bc.c	cqhr.b	8.2
	Portland Bill ...																				*
	Dungeness	29.71	44	WNW	5	bc	30.00	+.03	36	-11	NW	2	bx	1	0.04	50	33	cqp	cq	c.bxc	*
	Dover	29.71	42	NW	5	c	29.95	*	39	-8	WNW	4	b	3	0.08	47	35	c.bc.oi	oqr.c.b	c.bc.b.	4.2
	Wick	29.53	38	NW	6	bc	29.59	-.03	33	0	SW	1	cx	2	0.10	42	32	phs.cq	bcqps	cmqph	*
	Nairn	29.65	38	WNW	3	cq	29.63	*	36	+1	W	2	bc	2	0.04	45	32	bcq	pq.c	p.bc	6.5
	Aberdeen	29.60	38	WNW	5	b	29.67	-.01	35	0	WSW	2	b	2	–	45	34	bc.o.cq	bchp.b.	b	5.5
	Leith	29.69	42	W	3	b	29.72	-.04	38	0	SW	3	c	*	Trace	47	36	c.bc	b	b.bc	*
	North Shields ...	29.66	42	NW	4	b	29.80	.00	37	-4	WSW	3	b	3	0.15	46	35	r.c	bc	bx	3.3
	Spurn Head ...	29.65	42	NNW	5	bc	29.83	.00	38	-6	WNW	6	bcm	5	0.04	47	38	oqr	bcq	bcq	0.6
	Yarmouth	29.61	43	NW	6	bcq	29.88	.00	35	-10	W	2	b	1	0.20	47	34	cqp	cqp	bc.c	1.3
	Clacton-on-Sea ...	29.64	43	NW	5	bc	29.94	+.01	36	-10	W	3	b	2	0.10	47	35	c.o.i.c	c.oqr.c	o.c.bcx	2.2
	Nottingham... ...	29.75	44	NW	6	b	29.93	*	37	-5	WSW	3	bm	*	0.03	47	35	c.or	o.c.bm	b	0.8
	Bath	29.89	45	NW	5	bc	30.05	*	37	-6	W	2	b	*	Trace	50	35	qp.o.	o.c.bcq	c.bc.bm	3.4
	London (Kew Obsy.)...	29.78	45	NW	4	bcq	30.01	+.02	37	-9	W	3	bmz	*	0.02	47	36	bcq.cq.mq	oq.c.bcq	bcq.bmz	0.5
ICELAND, FAEROE, &c.	Spitzbergen	29.91	0	SE	1	o	29.93	+.02	-2	-10	–	0	o	*	*	8	-11				
	Isafjord...	29.51	20	NW	2	b	29.28	-.02	30	+12	E	5	o	*	*	*	*				
	Reykjavik	29.52	30	SSE	3	bc	29.12	-.11	30	+3	E	4	o	*	*	*	*				
	Vestmanna	29.52	31	–	0	b	29.12	-.11	34	+2	ESE	9	r	2	*	*	*				
	Seydisfjord	29.53	26	WNW	3	b	29.41	-.04	15	-6	–	0	b	*	*	*	*				
	Thorshavn	29.42	36	NW	4	s	29.42	-.05	31	-2	–	0	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.65	21	E	4	o	29.65	.00	17	-6	NE	6	o	3	?	23	19				
	Bodö	29.15	28	E	4	b	29.17	.00	28	-2	ESE	4	b	2	–	34	27				
	Christiansund ...	29.08	40	SW	1	o	29.16	-.02	39	-2	W	3	r	4	0.12	43	37				
	Skudesnaes	29.24	38	WNW	8	o	29.37	+.02	36	-3	NNW	8	c	4	0.12	41	34				
	Færder (X'tania Fjord)	29.08	34	NW	1	bc	29.17	+.03	34	-2	SE	1	bc	2	–	37	32				
	The Scaw (Skagen)...	29.12	36	W	2	b	29.19	+.04	39	+1	NW	3	o	o	–	43	34				
	Blaavands Huk ...	29.28	40	NNW	3	b	29.42	+.03	39	-1	NW	6	bc	5	Trace	41	?				
	Haparanda	29.28	23	E	4	s	29.32	+.03	19	-4	NE	4	o	*	0.04	27	18				
	Hernösand	29.10	34	–	0	o	29.17	+.04	28	-5	NW	2	o	*	0.08	36	27				
	Stockholm	29.13	38	SSW	2	o	29.06	+.01	33	-4	WNW	2	o	*	–	39	30				
	Wisby	29.14	38	S	2	o	29.05	+.01	35	-5	N	4	o	*	0.08	43	34				
	Karlstad	29.10	36	–	0	o	29.13	+.02	34	-2	–	0	r	*	Trace	41	32				
	St. Petersburg ...	29.34	36	SW	1	o	29.23	-.06	34	+1	SE	1	s	*	–	?	?				
CENTRAL EUROPE.	Berlin	29.08	45	SW	4	o	29.49	+.10	39	-5	NW	6	c	*	0.32	48	36				
	Frankfurt	29.38	45	SW	7	o	29.85	+.04	39	-6	NW	3	c	*	0.35	54	39				
	Munich	29.60	38	W	7	r	29.89	+.11	34	-8	NW	5	c	*	0.24	52	24				
	Vienna	29.49	50	WNW	5	r	29.59	+.08	44	+3	W	5	c	*	0.12	55	44				
	Cuxhaven	29.19	43	N	6	o	29.55	+.04	40	-5	WNW	7	bcq	4	0.39	46	37				
	The Helder	29.36	42	NNW	7	o	29.78	+.04	41	-3	W	5	bc	6	0.39	45	39				
	Brussels	29.65	39	NNW	8	r	29.94	+.04	37	-9	WSW	1	b	*	0.28	50	35				
FRANCE.	C. Gris Nez... ...	29.72	44	NW	6	c	29.98	+.03	40	-8	WNW	6	b	5	0.04	48	39				
	La Hève	29.88	42	NW	6	o	30.08	*	42	-4	NW	3	bc	4	–	50	37				
	Ushant...	30.15	49	N	7	bc	30.23	*	46	-4	WNW	3	c	4	0.04	52	41				
	Brest (St. Mathieu) ...	30.13	48	NW	6	c	30.22	-.02	46	-4	NW	3	bc	5	–	54	48				
	Rochefort (Ile d' Aix)	30.07	50	NW	7	o	30.24	.00	46	-6	NNW	3	b	*	0.12	52	46				
	Biarritz	30.14	56	WNW	5	o	30.28	+.01	46	-7	SE	1	bc	5	0.28	57	43				
	Paris	29.77	42	NW	5	o	30.08	+.02	37	-14	WSW	2	b	*	0.12	55	37				
	Belfort	29.73	43	WSW	7	o	30.04	*	35	-11	W	5	c	*	0.24	48	34				
	Lyons	29.93	50	W	2	o	?30.10	*	38	-5	NW	5	o	*	0.04	59	39				
	Nice	29.74	55	W	5	b	29.67	+.02	51	0	–	0	b	3	–	63	46				
	Perpignan	30.01	62	NW	5	bc	30.14	+.01	46	-13	NW	5	bc	*	–	70	45				
	Sanguinaire	*	56	W	3	bc	*	*	53	+3	W	5	o	6	–	57	48				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.38	59	SW	6	o	30.35	.00	45	-9	N	1	b	6	0.12	61	41				
	Madrid...	30.22	68	WNW	3	b	30.25	+.01	47	-2	NE	1	c	*	–	68	45				
	Lisbon (9 a.m.) ...	30.45	55	NW	3	o	30.30	-.02	55	+1	NNW	3	o		0.04	63	54				
	Gibraltar	30.33	59	NW	5	b	30.24	*	62	-5	NW	5	b	2	–	71	52				
	Rome	29.91	54	–	0	o	29.68	+.04	54	+6	S	1	o	*	0.08	63	48				
	Azores (Horta, 8 a.m.)	30.58	*	SW	4	f	30.52	+.02	54	-6	NNE	4	r	2	0.04	64	54				
	Madeira (Funchal) ...																				

GALES.

Duration and Extreme Force in British Islands.

Malin Head.
7am - Noon M. 8.

Rochel's Point.
Squalls NW. 8 in Morning and Afternoon

Holyhead.
1p.m M.W. 8.

Pembroke.
7a.m - 10a.m W. 8.

Newquay
6p.m NW. 8.

Scilly.
7a.m - 3p.m NW. 8
Squalls force 9.

Dungeness.
8a.m - 4p.m. Ex. WNW, 9 @ 8a.m

Dover.
3p.m - 7p.m. Ex. SW 66m.p.h @ 5p.m

Wick.
2p.m - Midt. SW 8 in Squalls

Aberdeen.
4p.m. Sq. NW 48.m.p.h.

Yarmouth.
2p.m - 5p.m NW 8.

Clacton-on-Sea.
3p.m. NW 8.

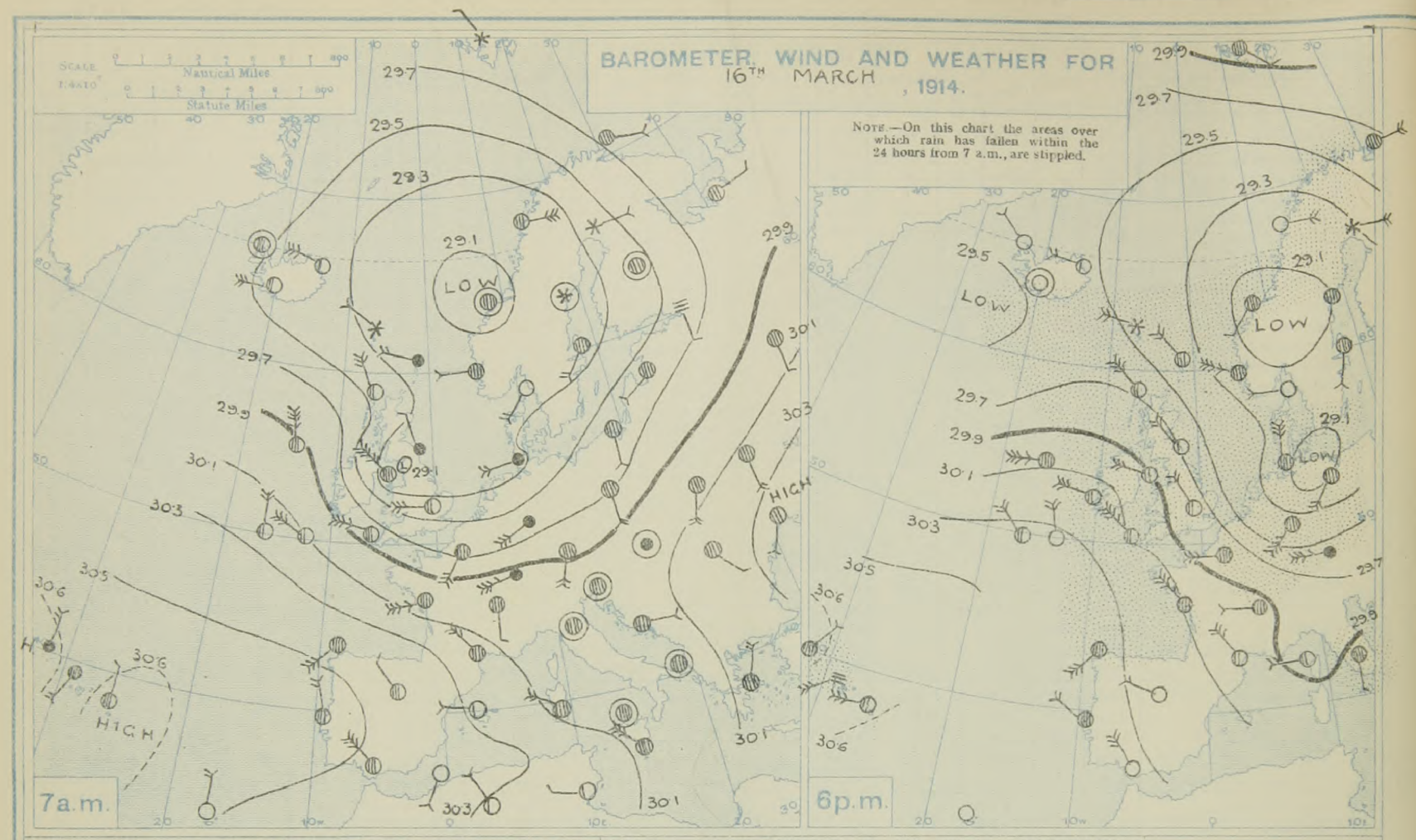
Nottingham.
Noon. NW 8.

Bath.
9a.m W 9

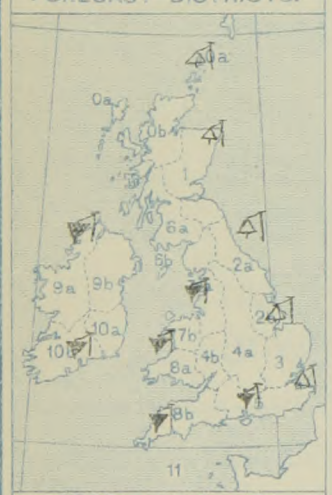
S. Kensington.
7.30a.m. Gust 15 metres per sec.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.



STORM WARNINGS.

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

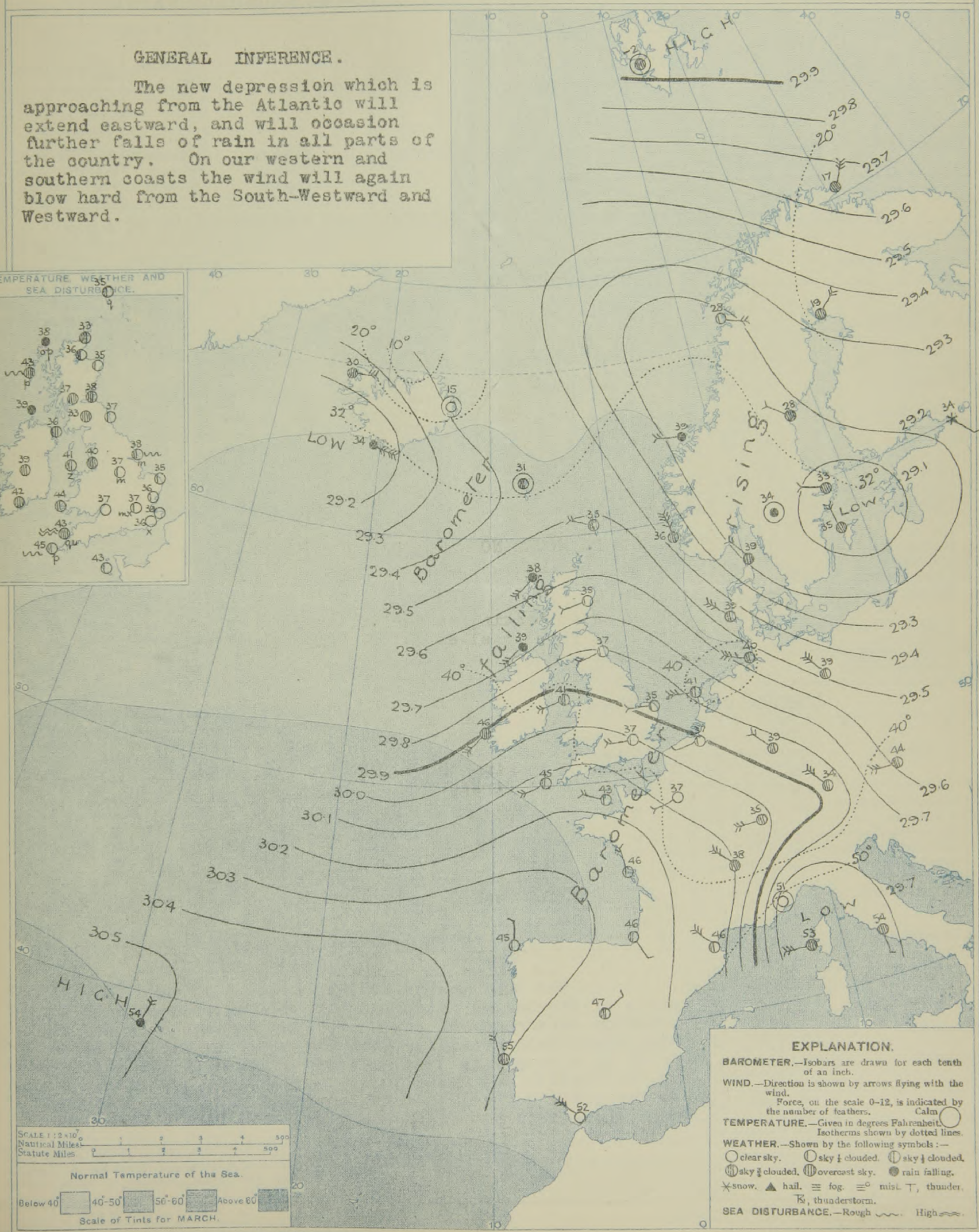
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

North Cone hoisted y'day 8.25 a.m. in Dists. 2, 3 & part of 6, @ 10.45 a.m. in Dists. 0 & 1; South Cone hoisted today @ 8.50 a.m. in Dists. 5 (part of) 8 & 10, @ 10.15 a.m. in Dists. 7 & 9.

0 a, b; 1; 2 a, b	Wind backing to the Southward and freshening; fair at first, some rain or sleet later; temperature remaining below the normal.
3; 4 a, b; 5	Wind backing to the South-Westward and increasing in strength; fair at first, then becoming squally and rainy; moderate temperature.
6 a, b; 7 a, b	Same as Nos. 0 to 2.
8 a, b	South-Westerly to Westerly winds, increasing to a gale; squally and rainy at first, improving temporarily later; temperature above the normal.
9 a, b	South-Westerly and Westerly winds, increasing considerably in strength; squally and rainy at first, improving later; moderate temperature.
10 a, b	Same as No. 8.
Western Channel and Bay. 11	Increasing South-Westerly to Westerly winds, with a rough sea; fair at first, then squally and rainy; moderate temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 17TH MARCH, 1914.



DAILY WEATHER REPORT. Tuesday, 17th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
16th 6 p.m.	53	16	Scotian	O	? 30.08	+.02	W	8-9	c
" "	49	15	Mount Royal	O	30.27	+.05	NW	4-5	bc
" "	49	12	Montrose	H	30.32	+.05	NNW	4-5	b
" "	49	8	Gothland	H	30.09	+.01	NW	6-7	bc

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
16th 7 a.m.	50	17	Haverford	O	30.25	+.13	NNW	6-7	b
" "	49	15	Montrose	H	30.17	+.06	N	4-5	bc
" "	54	13	Scotian	O	29.72	+.29	NNW	8-9	c
" "	49	13	Mount Royal	O	29.94	+.08	N	6-7	b

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban	0.30	47	36	bcp.bc	bc	5.2
	St. Andrews	0.14	46	37	*	*	7.4
Eng. N.E.	Harrogate	0.18	45	36	cp	bc.b	3.0
	Scarborough	*	?	40	o	o.c	2.5
	Skegness	0.26	45	?	o.br	r.b.or	1.7
Eng. N.W.	Morecambe	0.51	48	40	bc.o	bc	5.2
	Blackpool	0.34	46	40	r.oq.c	b.bcq	5.1
	Southport	0.25	45	40	bcp.o.c	bc.b	4.9
Midlands	Buxton	0.50	45	36	cr	bcr	2.3
	Leamington Spa	0.10	46	40	or	or.c.b	2.3
	Malvern	0.08	48	41	q	bc	3.7
Wales	Rhyl	0.25	45	37	or.c	c.bc	3.3
	Colwyn Bay	0.16	46	40	bc	bc.b	3.0
	Llandudno	0.37	45	43	ou	bc	1.4
	Aberystwyth	0.06	48	38	r.o.c	c.bc	3.7
	Tenby	0.04	48	45	b	b	7.2
England E.	Lowestoft	0.26	47	41	bc.cor	or.c.bc	1.9
	Felixstowe	0.27	47	40	bcsqp	cqp.bc	2.1
	Walton-on-Naze	0.21	47	41	cq.cp	op.c.bc	2.1
	Southend-on-Sea	0.12	51	42	bc.b.bc	o.bc	2.8

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England S.E.	Margate	0.06	48	?	b.bc.c	c	1.9
	Ramsgate	0.26	47	41	b.bc.op	oq	2.6
	Folkestone	0.29	48	42	bcr	or.bc	2.8
	Hythe	0.39	?	?	bc.op	bc	2.6
	Littlestone	*	*	*	*	*	3.9
	Hastings	0.21	49	43	or.c	bc.b	3.3
	Bexhill-on-Sea	0.16	49	44	r.cq	bc.b	3.7
	Eastbourne	0.28	49	44	oq.bc	q.bc	4.2
	Seaford	0.19	49	?	bc.o	c	3.9
	Brighton	0.16	51	46	c	c.bc	5.1
	Worthing	0.11	50	45			6.4
	Littlehampton	0.14	*	*	*	*	0.5
	Southsea						
	Ryde	0.08	48	44	*	*	5.8
	Ventnor	0.08	50	43	*	*	6.4
	Bournemouth	-	49	43	b.bc	bq	7.4
England S.W.	Weymouth	0.08	49	45	c.bc	bc.b	6.8
	Exmouth						
	Teignmouth	0.06	49	43	q.bc	bcq	7.2
	Torquay	0.04	50	45	c.bc	bc	7.5
	Paignton	0.05	49	43	bchp	bchp	8.5
	Falmouth	0.16	49	45	bc.bq	bq	8.9
	Bude	-	50	44	*	*	6.8
	Ilfracombe	0.19	48	42	o.c	ch.bc	1.0
	Weston-super-Mare	0.16	49	42	c.b.bc	bcp.bc	5.5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	81	73	1.3	46	35	27	0.02	o.or	or.o	bc
City (Bunhill Row)	*	*	0.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	77	77	0.7	47	35	33	0.01	r.o	op.	p.b
Camden Sq. (Brit. Rainfall)	81	77	0.3	48	34	31	0.01	ow	od.o	*
Hampstead (Reservoir)	*	78	0.9	45	32	?	0.02	c.or	bcx	bc
Richmond Park	*	*								
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	85	73	0.9							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
301 Joules	7.1 Milliwatts.	36.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.11	47	39	38	qr.c	q.cb	q.b	*
Plymouth to 9 p.m.	0.08	50	43	38	b	cbq	c.bq	8.3
Darwen "	0.51	44	35	35	or	ou.b	bc	2.9
Manchester "	0.21	48	40	*	or.c	cp	c.bc.or	1.7
Birmingham "	0.08	48	40	38	*	p	c	2.4
Oxford to 8 p.m.	*	49	40	36	bcmqp	oqp	o.bc.bq	*
S. Kensington (Museum Grounds to 6 p.m.)	0.09	51	43	38	bc.o	op.org	bc.b	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

17th & 18th March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.5	12.2	5.58
	6.2	12.1	6.0
Greenwich	6.12	12.9	6.6
	6.9	12.8	6.7
Wick	6.26	12.21	6.16
	6.23	12.20	6.18
Valencia	6.53	12.50	6.46
	6.30	12.49	6.48

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 45° and 50° in most parts of the United Kingdom. Considerable amounts of bright sunshine were recorded in the western and northern districts. Rain again fell generally, but the quantity was not large. A fresh to strong gale from West and North-West was experienced on the English and Welsh coasts. Wireless reports show that as far west as the 17th meridian ships experienced strong to high winds from the North-Westward, with fair weather.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 18th March

	STATIONS.	Yesterday Evening: Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 a.m., G.M.T.: Barometer M.S.L. Lat. 45°	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours: Rainfall.	Temp. Max.	Temp. Min.	Weather Morning.	Weather Afternoon	Weather Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.34	39	SSE	3	c	29.15	-.04	42	+7	SSE	3	bc	2	0.18	43	34	bc	cp	omrbc	*
	Stornoway	29.26	43	S	4	dp	29.02	-.01	41	+3	SW	3	od	3	0.19	44	38	cpq	c.dp	od	?
	Castlebay (Barra Isd)	29.19	44	SSE	6	dp	28.97	.00	40	-3	W	3	o	4	0.05	45	39	dp.c.dp	dp.dp	d.dp.o	1.0
	Glasgow	29.39	41	S	2	od	29.08	.00	36	-1	SW	2	odm	*	0.13	42	36	odp	odp	odp	0.0
	Eskdalemuir ...	29.45	40	S	6	otq	29.10	-.05	35	+2	SSW	2	o	*	0.58	41	33	o.otq	otq	ord.o	0.4
	Malin Head... ...	29.18	44	SSW	5	c	29.09	.00	36	-3	W	4	bc	4	0.16	45	35	cq	cqp	bcp	*
	Blacksod Point ...	29.18	39	WNW	6	r	29.14	-.01	36		WNW	3	cg	3	0.55	?	35			cqmph	*
	Valencia	29.36	41	WNW	6	om	29.27	-.01	39	-7	WNW	5	mr	5	0.42	49	38	omp	omp	cbp	0.0
	Roche's Point ...	29.32	47	SSW	7	r	29.30	*	37	-5	W	4	bc	4	0.28	48	34	op	rm	r.o.bc	*
	Birr Castle	29.26	43	S	3	c	29.21	*	32	-7	SW	1	c	*	0.42	46	30	c.or	or.cp	cp.xp	0.2
	Donaghadee ...	29.39	44	SW	3	omp	29.15	+.02	35	-1	SW	2	c	2	0.02	45	35	cp	omp	omp.c	*
	Liverpool Obsy. ...	29.56	44	SSW	3	o	29.17	.00	35	-5	W	5	r	4	0.23	48	34	bc	cg	or	2.4
	Holyhead	29.50	45	SSW	7	cmqg	29.22	.00	38	-3	W	5	cgq	4	0.26	48	37	c.o.om	pc.o.om	cp.op.c	0.0
	Pembroke (St. Ann's Hd.)	29.60	45	S	7	c	29.28	-.01	39	-5	WNW	4	bcq	5	0.23	47	36	pc	cq	cqhp	0.4
	Newquay	29.62	44	S	5	c	29.32	.00	42	-1	W	6	cq	6	0.31	48	38	bc.c	cp	op.otq	1.20
	Scilly (St. Mary's) ...	29.56	47	SSW	6	cg	29.35	-.01	38	-7	NW	6	cqp	6	0.50	49	37	cg	cg	cqph.c	1.2
	Jersey (St. Aubin) ...	29.89	46	SW	3	oq	29.41	*	41	-2	W	5	oq	4	0.25	50	38	bc.c	op.o	c.oq.o	4.8
	Portland Bill ...	29.76	46	SW	5	o	29.28	+.03	41	-3	WNW	6	cq	5	0.15	47	41	c	cp	cp.cq	*
	Dungeness	29.84	45	SW	4	c	29.36	-.05	44	+8	S	7	bcq	7	–	49	34	bc.c	c	c.b.bcq	*
	Dover	29.81	43	SW	5	c	?29.33	*	42	+3	S	6	bc	6	0.01	50	40	b	bcp.bc	c.bc	7.5
	Wick	29.31	43	S	4	o	?28.96	-.03	41	+8	SSE	5	bcm	2	–	43	32	c	cmp	o.bcm	*
	Nairn	29.32	43	–	0	c	29.04	*	41	+5	–	0	og	1	Trace	48	35	bc.c	bc.c	cg	2.7
	Aberdeen	29.39	43	SSW	1	o	29.12	-.03	42	+7	SSE	4	o	2	0.01	45	35	c.og	o	o.c.op	0.2
	Leith	29.40	42	SSE	2	c	29.07	-.05	41	+3	SSE	3	r	*	0.02	47	37	o.c	o	c.op	*
	North Shields ...	29.52	44	SW	4	o	29.14	-.06	41	+4	SSW	5	c	3	–	47	32	c.o	c.o	o.c	?
	Spurn Head ...	29.62	45	SW	3	c	29.21	-.16	42	+4	S	6	cq	5	–	46	36	bcq	c	c	5.5
	Yarmouth	29.75	45	SW	2	bc	29.37	-.10	43	+8	S	6	c	4	–	48	35	bc	bc	bc.c	7.4
	Clacton-on-Sea ...	29.78	45	SSW	4	c	29.35	-.10	43	+7	S	6	c	5	–	49	35	b.bc	bc.c	bc.c	6.7
	Nottingham... ...	29.67	43	SW	4	o	29.17	*	42	+5	SSE	4	d	*	0.01	49	36	bc	c.o	o.c.b	3.7
	Bath	29.73	44	SSW	4	o	29.28	*	37	0	W	3	o	*	0.20	49	35	b.bc.o	op	or	3.7
	London (Kew Obsy.)...	29.78	44	SW	2	bc	29.25	-.10	42	+5	SSE	4	or	*	0.04	50	37	bmx.bc.c	cps.p.bc	bc.cbcot	6.7
ICELAND, FÆROE, &c.	Spitzbergen	30.02	4	–	0	0	30.04	+.01	-1	+1	ESE	1	b	*	*	4	-4				
	Isafjord...	29.25	32	E	7	c	29.41	+.01	27	-3	E	6	c	*	*	*	*				
	Reykjavik	29.05	35	–	0	o	29.13	+.02	35	+5	ME	2	o	*	*	*	*				
	Vestmanna	29.01	33	–	0	S	29.06	+.07	36	+2	E	7	o	1	*	*	*				
	Seydisfjord	29.35	29	–	0	bc	29.33	.00	21	+6	NW	2	b	*	*	*	*				
	Thorshavn	29.28	40	S	1	r	29.13	-.02	40	+9	E	5	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.78	19	E	6	o	29.95	+.04	16	-1	–	0	S	2	?	19	14				
	Bodö	29.25	27	E	5	o	29.43	+.07	25	-3	E	6	bc	2	–	30	23				
	Christiansund ...	29.37	35	W	2	c	29.40	.00	32	-7	S	1	b	4	0.12	39	32				
	Skudesnaes	29.52	34	–	0	o	29.38	-.02	37	+1	SSE	6	o	4	–	41	34				
	Færder (X'iania Fjord)	29.35	36	WNW	1	c	29.49	+.01	31	-3	NW	1	b	2	–	37	30				
	The Scaw (Skagen)...	29.38	39	NW	5	bc	29.51	+.02	36	-3	SSW	1	b	0	–	43	32				
	Blaavands Huk ...	29.60	39	WNW	5	b	29.56	-.01	40	+1	SW	3	m	2	0.08	41	34				
	Haparanda	29.44	16	NE	4	bc	29.71	+.07	5	-14	NE	4	o	*	Trace	19	5				
	Hernösand	29.32	25	NW	4	c	29.55	+.07	21	-7	N	4	c	*	–	28	18				
	Stockholm	29.27	31	N	2	o	29.48	+.06	28	-5	N	2	o	*	Trace	39	28				
	Wisby	29.25	36	NNW	2	r	29.49	+.08	32	-3	N	4	o	*	0.04	36	32				
	Karlstad	29.30	35	–	0	c	29.49	+.08	33	-1	–	0	bc	*	0.04	37	32				
	St. Petersburg ...	29.10	35	ENE	2	r	29.17	+.06	33	-1	NE	1	S	*	0.35	?	?				
CENTRAL EUROPE.	Berlin	29.67	37	W	3	b	29.77	+.01	34	-5	S	2	b	*	0.12	43	34				
	Frankfurt	29.91	41	NW	3	bc	29.81	-.05	34	-5	–	0	m	*	–	45	32				
	Munich	29.97	36	W	4	bc	29.90	-.04	32	-2	SSE	3	b	*	Trace	41	28				
	Vienna	29.81	38	WNW	4	b	29.91	+.05	35	-9	W	3	b	*	0.12	48	34				
	Cuxhaven	29.70	39	WNW	3	b	29.64	-.01	36	-4	S	3	b	0	–	41	34				
	The Helder	29.78	42	SW	3	b	29.52	-.08	37	-4	S	4	b	2	Trace	45	37				
	Brussels	29.86	39	SW	3	b	29.57	-.12	37	0	SSE	4	o	*	–	48	36				
FRANCE.	C. Gris Nez... ...	29.85	45	SW	6	c	29.38	-.11	40	0	S	6	bc	4	–	46	39				
	La Hève	29.88	46	SW	2	o	29.31	*	41	-1	S	6	r	6	–	52	37				
	Ushant...	29.68	?48	SW	7	c	29.46	*	?48	?+2	WNW	6	o	7	0.24	48	46				
	Brest (St. Mathieu) ...	?	47	SW	5	c	29.49	.00	45	-1	W	6	c	4	0.24	52	41				
	Rochefort (Ile d' Aix)	30.02	47	SW	3	o	29.62	+.03	45	-1	W	7	o	*	0.16	55	43				
	Biarritz	30.05	49	MNE	2	o	29.79	+.03	47	+1	NW	6	r	4	0.16	55	43				
	Paris	29.95	45	SW	2	b	29.54	-.12	40	+3	SSE	4	o	*	–	53	37				
	Belfort	30.02	40	W	4	m	29.82	*	30	-5	ENE	4	c	*	–	44	27				
	Lyons	30.09	38	–	0	b	29.81	*	31	-7	–	0	bc	*	–	49	30				
	Nice	29.75	50	W	4	b	29.88	+.01	47	-4	–	0	b	3	–	64	41				
	Perpignan	30.05	49	MNE	2	bc	29.82	-.01	42	-4	W	1	o	*	–	56	36				
	Sanguinaire	*	51	W	7	m	*	*	49	-4	E	2	m	6	–	54	45				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.25	55	N	2	bc	29.98	.00	45	0	WSW	6	r	5	0.16	57	39				
	Madrid...	30.04	57	–	0	c	29.95	+.02	43	-4	WSW	1	bc	*	–	59	41				
	Lisbon (9 a.m.)† ...	30.15	55	WSW	3	o	30.09	+.04	52	-3	ENE	4	o	5	–	61	50				
	Gibraltar	30.14	57	NW	5	bc	30.06	*	54	+2	NW	4	bc	2	–	65	52				
	Rome	29.69	48	NE	2	b	29.84	+.05	43	-11	N	2	b	*	0.12	54	43				
	Azores (Horta, 8 a.m.)	30.50	*	NNE	4	o	30.49	+.01	51	-3	NW	3	bc	2	0.04	61	50				
	Madeira (Funchal) ...	30.28	61	N	3	o	30.28	+.01	58	+2	N	3	o	3	–	66	55				

GALES.

Duration and Extreme Force in British Islands.

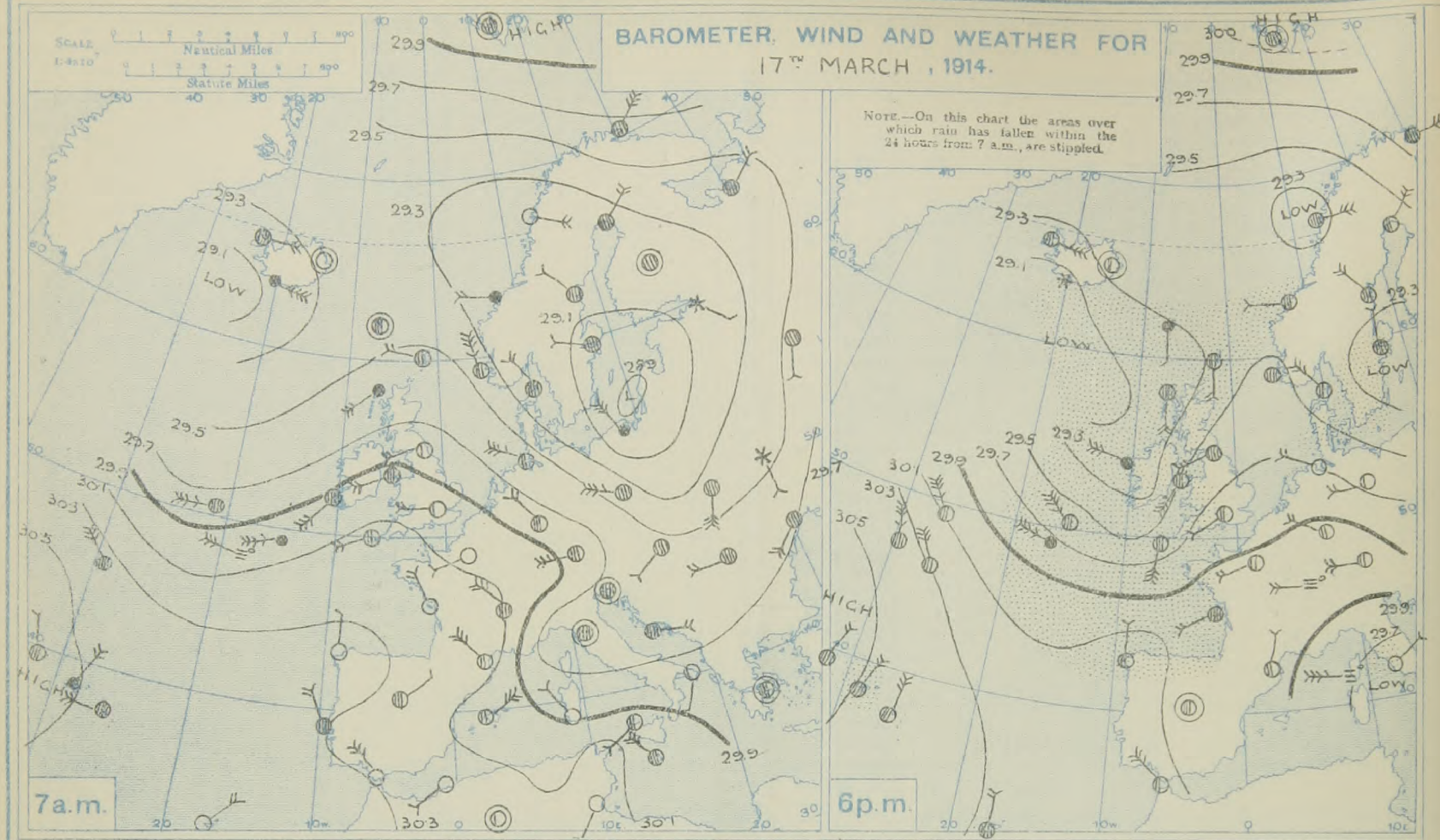
Pembroke
8 p.m. – 11 p.m. S. 8.

Scilly
10 p.m. – Midt WNW 8

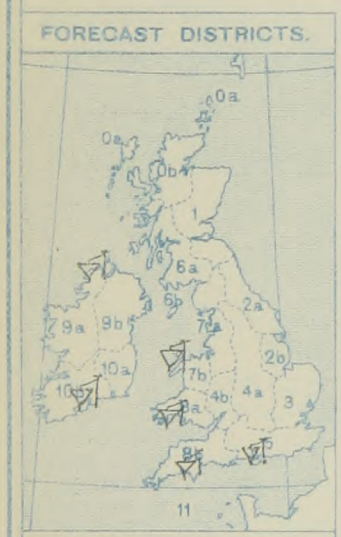
Portland Bill
2 a.m. – 5 a.m. WSW 8

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



STORM WARNINGS.

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

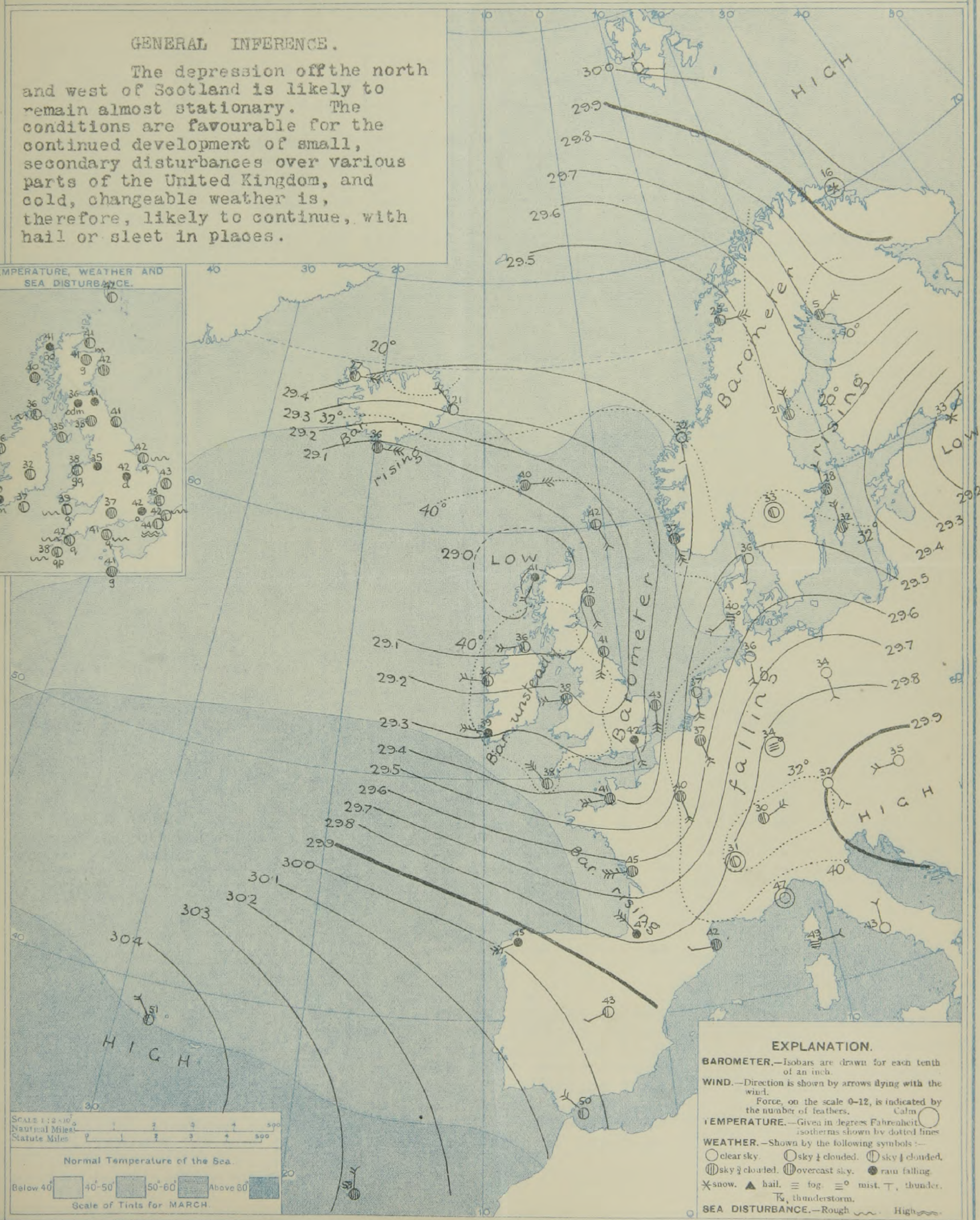
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted yesterday at 8 50 a.m in Dists 5 (part), 8 & 10; & at 10 15 a.m in Dists 7 & 9.

0 a, b; 1; 2 a, b	Moderate breezes, chiefly from the Southward or South-Westward; cold, changeable, some showers, hail or sleet in places.
3; 4 a, b; 5	Southerly to South-Westerly winds, moderate or fresh; cold, changeable, some showers, hail or sleet in places, fine intervals. South-Westerly to Westerly winds, strong on coast; cold, changeable, some showers, hail or sleet in places, fine intervals.
6 a, b; 7 a, b; 8 a, b; 9 a, b; 10 a, b	Westerly winds, fresh or strong in places; cold, changeable, some showers, hail or sleet locally, fine intervals.
Western Channel and Bay. 11	Strong Westerly and North-Westerly winds and a rough sea; squally, showery, some fine intervals; colder.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 18th MARCH, 1914.



DAILY WEATHER REPORT. Wednesday, 18th March 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
17th 6p.m	50°46'	8°27'	H.M.S		29.33		SSW	6	o
	Dry Bulb 47°		Wet Bulb 47°	Sea Temperature 49°		Sea Disturbance 6			
" "	48	29	Alsatian	O	30.40	+.03	NNW	8-9	o
" "	49	25	Haverford	O	30.02	-.03	NW	8-9	c
" "	47	25	Kroonland	H	30.24	-.02	NW	6-7	c
" "	49	16	Sicilian	O	29.73	+.02	WNW	8-9	r

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
17th 6p.m	50	15	Royal George	H	29.52	-.04	NW	8-9	c
" 7a.m	46	29	Kroonland	H	30.41	*	NW	6-7	bc
" "	50	20	Royal George	H	29.75	-.16	W	8-9	o
" "	49	18	Mount Royal	O	29.75	-.15	SW	6-7	o
" "	48	18	Lapland	O	29.86	+.09	WNW	6-7	m
" "	49	14	Sicilian	O	29.90	-.16	WSW	8-9	r

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.18	47	35	q pr	op	0.0
Scotland.	St. Andrews	-	46	34	*	*	2.2
Eng. N.E.	Harrogate	-	45	33	bc.c	c	2.6
Eng. N.E.	Scarborough	*	50	37	c.b	c.b	5.3
Eng. N.E.	Skegness	-	49	40	b.bc	bc.c	5.0
Eng. N.W.	Morecambe	0.05	47	38	bc	bc.o	3.2
Eng. N.W.	Blackpool	0.03	47	38	c.bc	c.o	3.5
Eng. N.W.	Southport	-	48	38	bc.c.b	o	3.7
Midlands.	Buxton	0.14	43	33	b, er	bc	2.9
Midlands.	Leamington Spa	-	46	34	c.b	bc	1.2
Midlands.	Malvern	0.02	47	37	b.bc.c	op.c.bc	4.3
Wales.	Rhyl	0.03	48	38	c.bc.or	o	2.8
Wales.	Colwyn Bay	-	48	39	b.bcp	bc	5.3
Wales.	Llandudno	-	49	43	o	bc	3.0
Wales.	Aberystwyth	0.02	45	40	r.o.c	c.o	1.2
Wales.	Tenby	0.01	48	44	bcq	gu	0.5
England, E.	Lowestoft	-	49	36	b.bc.c	c.bc.c	8.4
England, E.	Felixstowe	-	49	36	bq	bcmq	7.2
England, E.	Walton-on-Naze	-	48	35	b.bc	bc.c.bc	7.9
England, E.	Southend-on-Sea	0.01	49	34	b	bc.o.bc	6.5

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.02	49	39	b	b	7.0
England, S.E.	Ramsgate	0.02	48	35	b	bc.o.c	7.0
England, S.E.	Folkestone	0.01	51	35	b.bc	bc.o.bc	7.0
England, S.E.	Hythe	-	51	33	b	b	7.5
England, S.E.	Littlestone	*	*	*	*	*	8.0
England, S.E.	Hastings	-	49	34	b	b.bc	8.4
England, S.E.	Bexhill-on-Sea	-	48	34	b	b	8.1
England, S.E.	Eastbourne	-	47	36	b	b.bc.b.o	8.4
England, S.E.	Seaford	-	47	?	b	b	8.3
England, S.E.	Brighton	-	48	36	b.bc	bc.c	6.7
England, S.E.	Worthing	-	49	34	bc	bc	7.9
England, S.E.	Littlehampton	0.02	*	*	*	*	7.4
England, S.E.	Southsea	0.02	50	38	b	bcp.c	7.3
England, S.E.	Ryde	-	49	39	b	b	6.5
England, S.E.	Ventnor	-	49	37	*	*	7.0
England, S.E.	Bournemouth	-	50	34	b.bc	c.o	5.7
England, S.W.	Weymouth	0.01	51	37	b	bch.c	5.7
England, S.W.	Exmouth						
England, S.W.	Teignmouth	0.01	49	39	bc.c	cp	3.5
England, S.W.	Torquay	-	49	36	bc	c.o	3.5
England, S.W.	Paignton	0.02	50	36	b.bc	cp	3.5
England, S.W.	Falmouth	0.04	49	38	bc	cq	3.2
England, S.W.	Bude	0.01	50	43	cp.bc	cp.c	2.6
England, S.W.	Ilfracombe	0.01	49	43	o	o	0.0
England, S.W.	Weston-super-Mare	0.01	49	40	b.p.b	bc.c	4.5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	58	86	7.3	51	39	33	0.09	b.bc	bcp.bc	bc.o
City (Bunhill Row)	*	*	3.4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	61	86	5.8	51	40	39	0.05	bc.e	o.bcr	o
Camden Sq. (Brit. Rainfall)	59	90	5.2	50	39	37	0.07	b.bc	bc.o.op	*
Hampstead (Reservoir)	*	91	5.6	47	37	?	0.06	bc	or	o
Richmond Park	*	*	6.6							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	59	80	6.0							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
969 Joules	22.6 Milliwatts.	57.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.02	49	37	34	b.op	o.cq	cp	*
Plymouth to 9 p.m.	0.09	49	39	33	c.bq	c.b	oq	3.1
Darwen "	0.04	45	34	31	c.or	ou.bc	bc	2.1
Manchester "				*				
Birmingham "	-	47	34	30	*	bc	c.o	3.9
Oxford to 8 p.m.	*	48	34	26	bq.bxc	c	c.o.c	*
S. Kensington (Museum Grounds to 6 p.m.)	0.01	50	36	27	b.bz	bc.c.o	op.c	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

18th & 19th Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.2 / 6.0	12.1 / 12.1	6.0 / 6.2
Greenwich	6.9 / 6.7	12.8 / 12.8	6.7 / 6.9
Wick	6.23 / 6.20	12.20 / 12.20	6.18 / 6.20
Valencia	6.50 / 6.48	12.49 / 12.49	6.48 / 6.50

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 45° and 50° over the United Kingdom generally, and to 51° at some of our south coast stations, where the amount of bright sunshine was large. Rain was again experienced in most districts, and a fresh gale from between South and West occurred on our south and south-west coasts. Wireless reports show that between the Irish coasts and the 20th meridian the wind was strong to a gale from the Westward, with changeable, showery weather; further to the westward the wind was North-Westerly and the weather fine.

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 19th March, 1914.

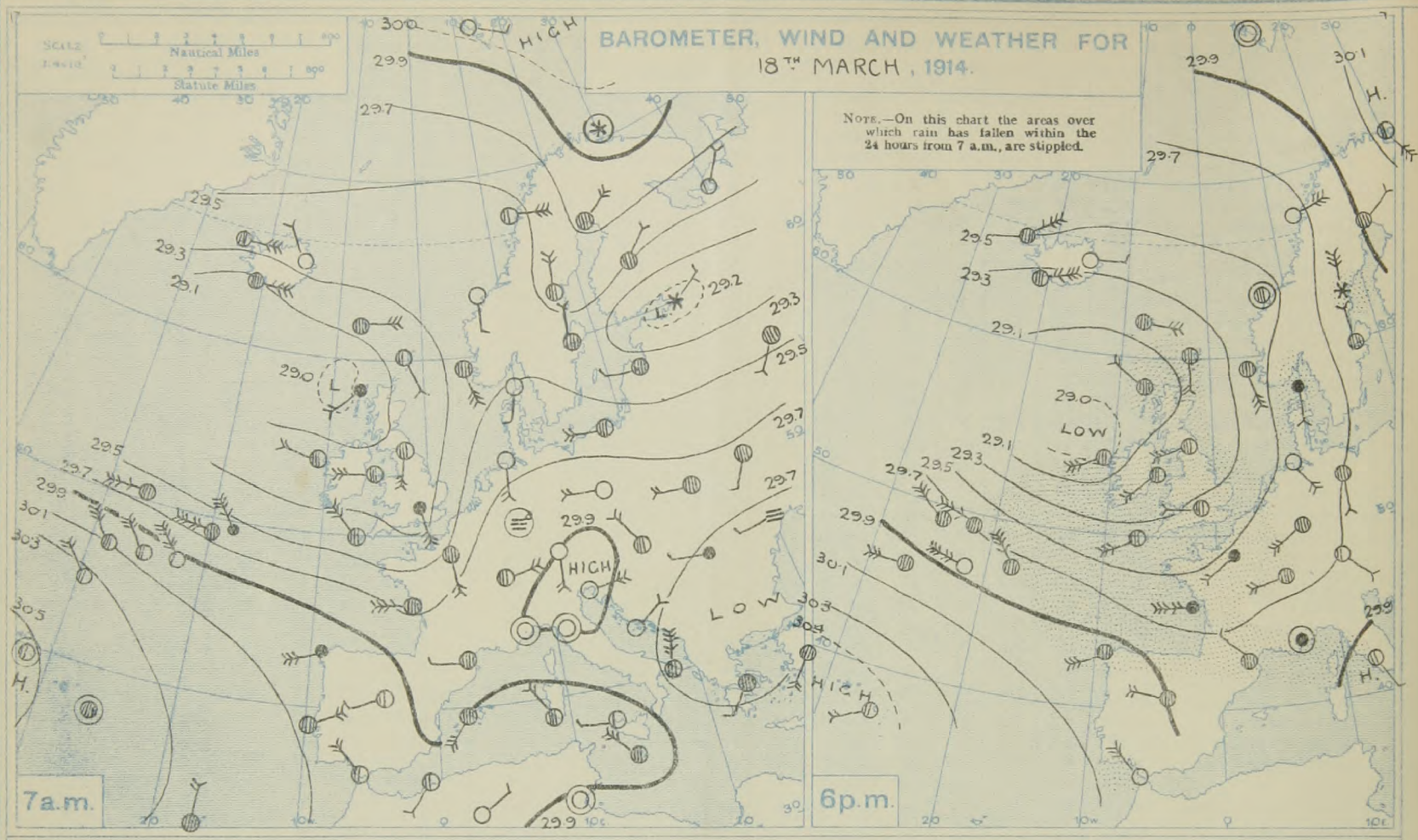
	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 46°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 46°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.19	44	SSE	3	c	29.20	+.01	40	-2	SE	6	or	4	0.22	46	38	cp.c.	h.bc	org.ep	*
	Stornoway	29.09	41	NW	3	o	29.07	+.03	36	-5	SW	3	c	3	0.22	43	34	od.c.	c.o	op.c	?
	Castlebay (Barra Isd.)	29.07	42	SE	1	c												o	o.c.		
	Glasgow	29.11	38	SW	2	bcq	29.11	.00	33	-3	E	2	o	*	0.11	40	30	drsp.o.	ohp.c	bbq.ox	0.0
	Eskdalemuir ...	29.15	34	W	2	bc	29.12	.00	32	-3	SE	3	o	*	0.04	38	30	o.ots.o.	o.ops.c.	osl.o	0.1
	Malin Head... ...	29.01	41	SSW	3	c	29.00	+.01	34	-2	E	1	bc	2	–	45	32	bc	bcm	bcmx	*
	Blacksod Point ...	28.98	37	WSW	6	cphq	29.02	+.07	39	+3	WNW	2	bc	3	0.23	42	34	cqph	cqph	cmp.bc.	*
	Valencia	29.19	43	WSW	5	cv	29.12	.00	42	+3	W	5	bc	6	0.12	46	38	cph	cv	bcp	3.1
	Roche's Point ...	29.23	42	W	3	cp	29.12	*	37	0	W	4	c	4	0.04	44	35	scp.bc	cpg	bcp.eg	*
	Birr Castle	29.12	38	SW	2	c	29.00	*	34	+2	SSW	1	c	*	0.26	42	31	os.cp	csp	cs.c	2.8
	Donaghadee ...	29.12	42	SW	3	bc	29.03	-.03	32	-3	W	3	om	2	0.01	45	32	bc	bc	bcpl	*
	Liverpool Obsy. ...	29.21	38	SW	3	o	29.12	-.02	35	0	SSE	3	c	2	0.06	45	33	bcq	b	or	5.6
	Holyhead	29.20	41	SW	4	cpg	29.08	-.01	40	+2	SW	4	cg	2	Trace	45	38	c.bc.b.	bc.ch.o	tl, b.p.c	6.2
	Pembroke (St. Ann's Hd.)	29.26	42	W	5	c	29.12	-.05	42	+3	W	5	cq	5	0.06	43	38	bcq	cgq	cq	5.5
	Newquay	29.32	42	WSW	5	ohp	29.16	-.02	43	+1	WSW	5	cqph	6	0.05	46	39	bcv	bcv	bcqp	4.9
	Scilly (St. Mary's) ...	29.34	42	WSW	6	cq	29.20	-.01	41	+3	WNW	5	cqp	6	0.19	46	37	cqps	cq	cqph	5.6
	Jersey (St. Aubin) ...	29.43	42	SW	4	c	29.32	*	43	+2	SW	5	c	4	0.07	47	40	gfvr.c.	tc.op.c	cqp	4.1
	Portland Bill ...	29.35	42	SW	5	bc	29.22	-.03	41	0	SW	4	cqp	4	0.24	46	40	c.bc	cph.bc	bcqph	*
	Dungeness	29.37	44	W	4	bc	29.32	?	42	-2	S	4	cq	4	0.32	46	37	gr.c.	cq	cv.rq	*
	Dover	29.38	41	SW	4	bc	29.31	*	40	-2	S	5	op	5	0.20	46	35	bccp	c.b.bc.	bc.ohr	3.6
	Wick	29.07	43	SSE	4	o	29.12	+.05	39	-2	SSE	3	bc	3	0.08	44	37	omp	omq	omp.bc	*
	Nairn	29.06	35	SW	1	tm	29.12	*	29	-12	–	0	bc	1	0.19	44	27	p.o.	d.rs.r	d.cx	0.0
	Aberdeen	29.06	41	SSE	4	o	29.16	+.02	37	-5	SSW	2	bc	3	0.02	44	30	o	or	o.bc	0.1
	Leith	29.10	40	WSW	2	o	29.10	.00	35	-6	ESE	2	c	*	0.14	41	31	or	og	o.c.bc	*
	North Shields ...	29.16	41	WSW	4	c	29.16	.00	34	-7	SSW	4	bc	2	0.02	43	33	orq	bc	bcx	?
	Spurn Head ...	29.24	42	W	3	bc	29.22	-.01	36	-6	S	5	bcx	3	0.03	45	33	op	bc	bcm	0.1
	Yarmouth	29.32	44	SW	2	bc	29.31	.00	37	-6	S	2	bc	1	0.05	45	35	omr	omr.bc	bcx	1.1
	Clacton-on-Sea ...	29.33	43	SW	3	c	29.30	-.01	41	-2	S	4	bc	3	0.04	46	40	c.or.o	o.bc.c.	c.bc	1.5
	Nottingham... ...	29.27	41	SW	2	b	29.20	*	35	-7	SSE	3	c	*	0.04	46	32	r.o.c.b	b	b.	4.5
	Bath	29.34	40	S	4	bc	29.9	*	37	0	S	4	b	*	0.08	47	35	o.bcph	oph.bc.	o.c.bc	6.0
	London (Kew Obsy.)...	29.38	38	W	2	c	29.27	-.02	36	-6	S	2	omrs	*	0.13	48	33	or.o.c.bc	bc.u.p.c.	c.bc.bomr	3.8
ICELAND, FAEROE, &c.	Spitzbergen	30.01	-3	–	0	b	29.72	-.11	3	+4	–	0	o	*	*	3	-9				
	Isafjord...	29.50	31	NE	7	o	29.67	+.02	29	+2	E	7	o	*	*	*	*				
	Reykjavik	29.29	34	NNE	2	c	29.49	+.04	23	-12	–	0	c	*	*	*	*				
	Vestmanna	29.21	35	ENE	9	c	29.45	+.03	24	-12	–	0	b	2	*	*	*				
	Seydisfjord	29.40	30	E	1	b	29.52	+.03	30	+9	–	0	s	*	*	*	*				
	Thorshavn	29.14	42	ENE	5	o	29.21	+.02	42	+2	E	4	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	30.12	13	SE	6	bc	30.19	-.01	15	-1	SSE	6	b	4	–	16	13				
	Bodö	29.60	24	ENE	6	b	29.66	.00	22	-3	ENE	6	b	2	–	27	19				
	Christiansund ...	29.47	40	–	0	c	29.54	+.04	38	+6	–	0	b	3	–	40	32				
	Skudesnaes	29.48	39	SSE	6	o	29.39	-.01	40	+3	SE	6	o	4	–	43	36				
	Færder (X'iania Fjord)	29.61	36	S	1	m	29.61	.00	36	+5	ESE	5	o	2	0.20	36	30				
	The Scaw (Skagen)...	29.63	39	S	2	r	29.56	+.01	39	+3	SSE	7	r	2	0.20	41	34				
	Blaavands Huk ...	29.50	40	SSE	4	bc	29.53	+.05	39	-1	SSW	2	m	2	Trace	43	36				
	Haparanda	29.90	8	NE	2	c	30.04	+.02	0	-5	E	2	bc	*	–	10	0				
	Hernösand	29.78	18	N	6	s	29.93	+.05	12	-9	NE	2	b	*	0.08	22	7				
	Stockholm	29.71	29	N	2	o	29.87	+.03	27	-1	ESE	2	o	*	–	32	23				
	Wisby	29.72	35	NNW	2	o	29.86	+.04	32	0	SSE	2	o	*	–	36	30				
	Karlstad	29.65	35	–	0	o	29.76	+.02	33	0	E	2	o	*	–	39	30				
	St. Petersburg ...	29.95	28	NE	2	s	29.79	+.07	22	-11	NNE	2	s	*	0.04	33	21				
CENTRAL EUROPE.	Berlin	29.70	45	S	2	o	29.65	-.01	35	+1	S	2	b	*	–	48	34				
	Frankfurt	29.62	45	SW	5	o	29.62	+.01	38	+4	–	0	m	*	–	50	34				
	Munich	29.70	39	SE	2	bc	29.60	-.04	33	+1	W	2	c	*	–	45	30				
	Vienna	29.81	39	SE	1	b	29.71	-.04	34	-1	SSE	2	bc	*	–	45	34				
	Cuxhaven	29.51	41	SE	4	b	29.54	.00	35	-1	S	3	mx	?	–	46	34				
	The Helder	29.36	39	SSW	4	r	29.39	-.03	38	+1	SSE	2	o	2	0.20	50	34				
	Brussels	29.50	36	SSE	2	b	29.45	+.01	37	0	SSW	2	o	*	0.08	48	34				
FRANCE.	C. Gris Nez... ...	29.41	43	SW	6	c	29.34	-.04	39	-1	S	5	c	4	0.59	45	36				
	La Hève	29.45	39	S	4	o	29.36	*	37	-4	SSW	4	c	4	0.08	45	36				
	Ushant...	29.46	43	W	6	c	29.34	*	45	-3	W	6	c	7	0.12	?48	37				
	Brest (St. Mathieu) ...	29.48	45	WNW	4	c	29.35	-.03	43	-2	WNW	5	o	5	0.20	50	41				
	Rochefort (Ile d' Aix)	29.57	45	W	9	r	?29.52	.00	43	-2	W	5	c	*	0.28	50	41				
	Biarritz	29.76	48	W	5	o	29.74	+.02	45	-2	WSW	5	r	6	0.63	50	39				
	Paris	29.52	40	SSW	1	o	29.52	+.02	37	-3	SSW	3	o	*	0.24	50	35				
	Belfort	29.67	37	WSW	4	o	29.70	*	34	+4	WSW	6	o	*	?	50	30				
	Lyons	29.72	41	–	0	o	29.71	*	34	+3	–	0	b	*	–	49	31				
	Nice	29.75	40	–	0	r	29.61	+.02	42	-5	WSW	2	b	4	1.54	59	36				
	Perpignan	29.80	43	NW	1	o	29.76	-.01	38	-4	SW	1	o	*	0.16	56	34				
	Sanguinaire	*	53	W	5	o	*	*	49	0	W	5	c	5	0.55	54	45				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.95	46	WSW	6	o	29.89	.00	50	+5	SW	6	o	6	0.24	54	41				
	Madrid...	29.90	50	WNW	4	o	30.04	+.01	41	-2	NNW	3	bc	*	–	54	37				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.06	54	NW	5	b	30.19	*	50	-4	NW	5	c	2	0.02	62	50				
	Rome	29.92	50	SE	1	bc	29.61	+.01	48	+5	SE	2	r	*	0.12	57	43				
	Azores (Horta, 8 a.m.)	30.47	*	SSW	4	b	30.39	-.02	58	+7	WSW	4	o	1	–	63	51				
	Madeira (Funchal) ...																				

GALES.

Duration and Extreme Force in British Islands.

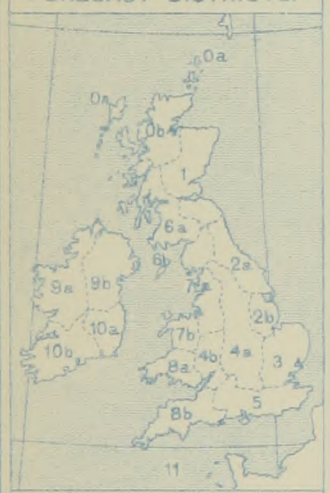
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS

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

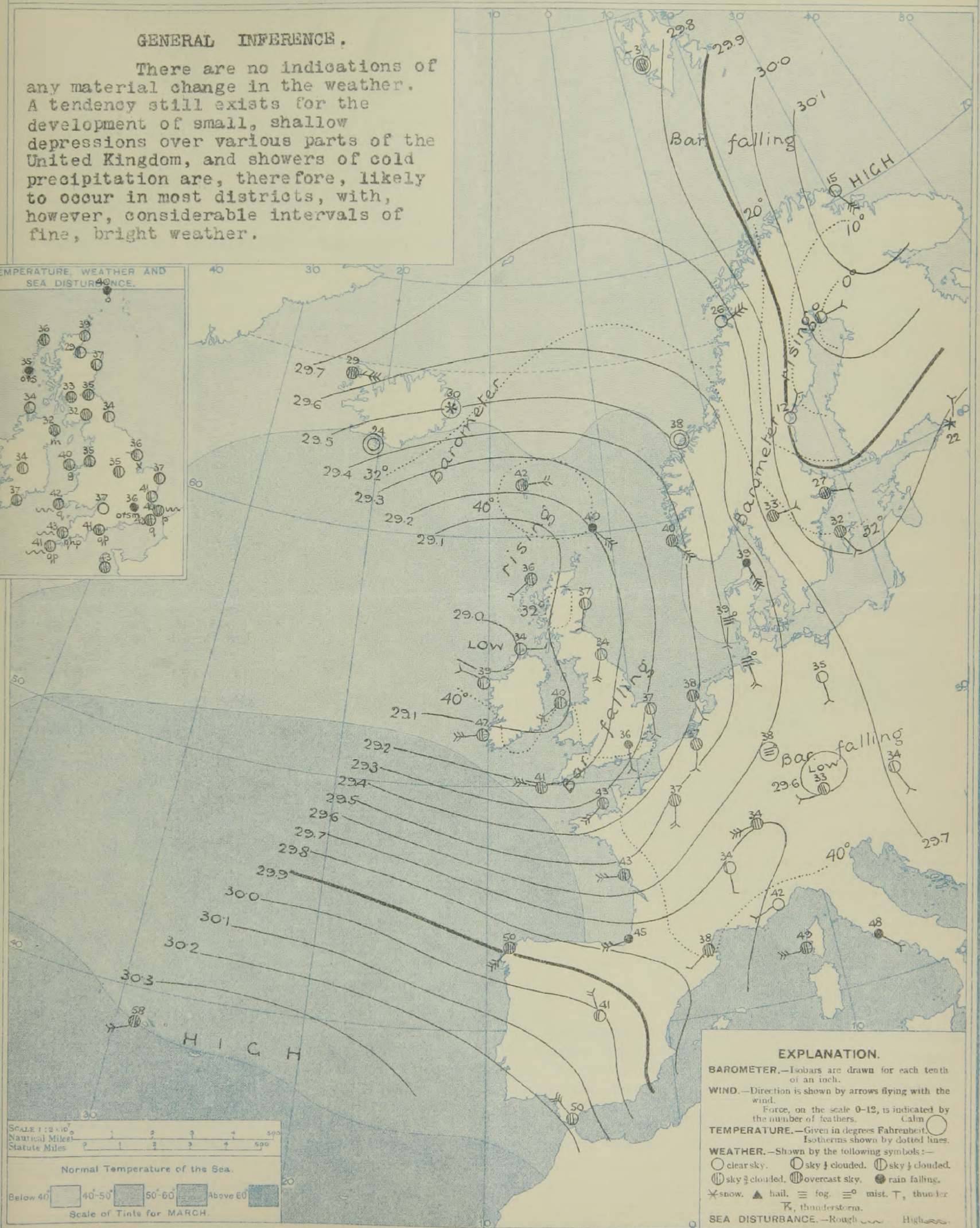
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b, 1	Southerly and South-Easterly winds, light or moderate; fine at first, some snow or sleet showers later; remaining cold.
2 a, b, 3, 4 a, b, 5	Southerly or South-Westerly winds, moderate; changeable, some hail or sleet showers, fine intervals; cold to-day, rather milder to-morrow.
6 a, b	Variable or light Westerly breezes; fair at first, some snow or sleet showers later; remaining cold.
7 a, b	Same as Nos. 2 to 5.
8 a, b	Westerly and North-Westerly winds, strong in places; changeable, some hail showers, fine intervals; cold to-day, rather milder to-morrow.
9 a, b	Same as No. 6 a.
10 a, b	Same as No. 8.
Western Channel and Bay. 11	Fresh to strong Westerly and North-Westerly winds, with squally, showery weather and a rough sea; becoming rather milder

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 19th MARCH, 1914.



GENERAL INFERENCE.

There are no indications of any material change in the weather. A tendency still exists for the development of small, shallow depressions over various parts of the United Kingdom, and showers of cold precipitation are, therefore, likely to occur in most districts, with, however, considerable intervals of fine, bright weather.

DAILY WEATHER REPORT. Thursday, 19th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).			°	°			In.	In.		(0-12).	
18th 6 p.m.	47	25	St Paul	H	29·88	·00	W	6-7	o	18th 7 a.m.	48	27	Baltic	H	30·11	-·09	NW	6-7	c
" "	49	23	Baltic	H	29·76	-·08	NW	6-7	o	" "	48	26	Haverford	O	30·11	+·04	NW	6-7	bc
" "	49	20	Cymric	H	29·62	-·06	WSW	8-9	o	" "	50	25	Scotian	O	29·57	+·02	W	8-9	o
" "	48	20	Mount Royal	O	29·58	+·01	WNW	10-11	c	" "	48	24	Cymric	H	29·98	-·01	NW	10-11	b
" "	48	18	Sicilian	O	29·71	·00	NW	8-9	o	" "	48	21	Kroonland	H	29·96	-·16	WNW	6-7	c
" "	48	17	Kroonland	H	29·72	·00	NW	6-7	o	" "	49	19	Mount Royal	O	29·63	+·02	WNW	10-11	o
" 7 a.m.	46	29	St Paul	H	30·34	-·07	NW	4-5	bc	" "	49	17	Sicilian	O	29·77	+·02	NW	8-9	r

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0·31	44	37	o.c.o	bc	0·3
Scotland.	St. Andrews	0·25	42	36	*	*	0·0
Eng., N.E.	Harrogate	0·09	43	33	ps.o.c	bc.b.bc	2·3
Eng., N.E.	Scarborough	*	42	36	o.c	c.b	1·4
Eng., N.E.	Skegness	0·03	49	38	or.b	bc.b	2·0
Eng., N.W.	Morecambe	0·10	45	38	or	bc	4·0
Eng., N.W.	Blackpool	0·24	45	37	orp.bc	bc.cph	4·6
Eng., N.W.	Southport	0·21	45	36	p.o.bc	bc.b.bc	6·4
Mid-lands.	Buxton	0·25	42	32	bcs	bc	4·2
Mid-lands.	Leamington Spa	0·04	47	36	bc	bc	6·0
Mid-lands.	Malvern	0·19	46	38	bc	bc.b	5·7
Wales.	Rhyl	0·18	45	34	v.bc	bc.b.bc	5·8
Wales.	Colwyn Bay	0·25	45	34	bc	bc.o	5·8
Wales.	Llandudno	0·40	45	37	b	b	6·0
Wales.	Aberystwyth	0·20	43	36	r.o.c	c.bc	7·2
Wales.	Tenby	0·39	44	38	b	oh.c	6·0
England, E.	Lowestoft	0·06	45	39	or	or.c.b	1·2
England, E.	Felixstowe	0·07	46	40	cqp	op.c.bc	2·5
England, E.	Walton-on-Naze	0·08	46	40	cqr.cp	cp.bcm	1·9
England, E.	Southend-on-Sea	0·02	47	39	o	o.b.bc	2·8
England, S.E.	Margate	0·07	47	40	op	bc	3·9
England, S.E.	Ramsgate	0·10	47	38	bc.cq.o	c.bc	2·7
England, S.E.	Folkestone	0·14	47	39	r.o.c	ch.c	2·9
England, S.E.	Hythe	0·08	49	39	bcr.bc	bc	3·5
England, S.E.	Littlestone	*	*	*	*	*	3·9
England, S.E.	Hastings	0·20	47	40	or.bc	bc	3·8
England, S.E.	Bexhill-on-Sea	0·17	46	39	r.c	bc	3·9
England, S.E.	Eastbourne	0·21	?	38	oq	b.bc	3·9
England, S.E.	Seaford	0·08	46	39	o	bc	3·8
England, S.E.	Brighton	0·10	47	41	o.c	c.bc.c.o	4·9
England, S.E.	Worthing	0·17	47	40	bc	bc.c.o	4·7
England, S.E.	Littlehampton	0·01	*	*	*	*	4·3
England, S.E.	Southsea	0·07	48	39	o.bc	bc.c	5·3
England, S.E.	Ryde	0·08	47	39			5·5
England, S.E.	Ventnor	0·04	50	36	*	*	5·5
England, S.E.	Bournemouth	0·26	49	36	c.bc	or	5·2
England, S.W.	Weymouth	0·22	50	36	bcp	bcph	6·7
England, S.W.	Exmouth	0·18	47	36	bcp	b.bc	4·5
England, S.W.	Teignmouth	0·26	47	36	bcp	bc	5·2
England, S.W.	Torquay	0·33	46	36	bc	p.bc	7·2
England, S.W.	Paignton	0·24	48	35	bcsp	bc	8·2
England, S.W.	Falmouth	0·46	46	36	oph.c	c.b	3·5
England, S.W.	Bude	0·22	49	37	bcphr	bcphr	4·6
England, S.W.	Ilfracombe	0·35	45	35	bch.bc	bcp.bc	6·5
England, S.W.	Weston-super-Mare	0·23	47	37	b	bc.b.bc	7·1

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-Day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	53	93	3·5	49	32	21	0·10	o.c	cprs	bc.o
City (Bunhill Row)	*	*	2·4	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	98	3·4	49	36	33	0·12	oe.bc	bc.ohr	oe
Camden Sq. (Brit. Rainfall)	57	94	3·8	47	34	30	0·09	o.c	bc	*
Hampstead (Reservoir)	*	94	3·1	45	33	?	0·14	bc.os	bc.os	o
Richmond Park	*	*	3·3							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	57	97	3·3							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
761 Joules	17·7 Milliwatts.	58·5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0·15	44	33	31	rs.b	bc	bc	*
Plymouth to 9 p.m.	0·30	47	35	31	bcr	c.b	c.bv	7·9
Darwen "	0·35	40	32	32	ors	ors.bc	bc.os.b	3·5
Manchester "	0·28	44	34	*	c.ors	os.o.c	bc.cr	2·7
Birmingham "	0·10	45	33	32	rs	c	c	5·6
Oxford to 8 p.m.	*	47	36	32	c.orbc	bc.c	c.cp.c	*
S. Kensington (Museum Grounds to 6 p.m.)	0·06	47	40	34	c.oms	c.bc.c	c.om	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

19th & 20th March, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.0	12.1	6.2
	5.58	12.1	6.3
Greenwich	6.7	12.8	6.9
	6.5	12.8	6.10
Wick	6.20	12.20	6.20
	6.18	12.20	6.21
Valencia	6.48	12.49	6.50
	6.46	12.49	6.51

NOTES ON YESTERDAY'S WEATHER.

At many of our western and northern stations the thermometer failed to reach 45°. Considerable amounts of bright sunshine were recorded in the west and north of England. Showers of hail or sleet occurred in most districts, a thunderstorm occurred at Holyhead, and lightning was seen at several places in the west and north. Wireless reports show that as far west as the 30th meridian ships experienced gales and strong winds from the North-Westward, with changeable, showery 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 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 20th March, 1914.

	STATIONS.	Yesterday Evening: Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 A.M., G.M.T.: Barometer M.S.L. Lat. 45°	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours: Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.34	41	ESE	3	bc	29.37	·00	41	+1	ESE	9	oq	6	0.15	45	37	bc	bcphq	cphlq	*
	Stornoway	29.14	42	SE	3	b	29.20	+·01	39	+3	E	3	bc	3	–	44	36	cb	b	b.bc	?
	Castlebay (Barra Isd.)	29.03	41	ESE	4	o	29.12	+·02	41	+6	NNE	2	bc	3	0.10	41	34	rshp	hp.o	sp.o.bc	0.0
	Glasgow	29.10	37	E	2	og	29.04	–·02	34	+1	ENE	2	o	*	0.04	41	32	rsp.o	orhp.o	o.c.opc	0.0
	Eskdalemuir ..	29.16	36	SE	1	om	29.01	–·03	33	+1	NE	3	o	*	0.01	39	28	o	o.os.om	om.o	0.3
	Malin Head... ...	29.04	39	WSW	2	cmd	28.98	+·04	38	+4	E	5	c	3	0.15	43	33	bcps	bcv	cmqph	*
	Blacksod Point ...	29.10	43	NNW	2	bcv	28.95	–·03	41	+2	NNW	5	cp	4	0.03	46	37	bcv.p.	bc.o	bcp	*
	Valencia	29.08	43	N	1	cv	29.08	+·04	43	+1	NNW	4	bcv	4	0.05	46	37	bch	bcv	bc	5.6
	Roche's Point ...	29.12	45	NW	3	o	29.02	*	36	–1	NW	2	c	2	0.02	47	34	cpbc	c.o	o.b.bc.c	*
	Birr Castle	29.08	41	W	1	c	28.99	*	30	–4	W	1	c	*	–	45	26	c	c	bcx.c	4.0
	Donaghadee ...	29.09	40	ENE	2	bc	28.99	·00	39	+7	ENE	4	bcm	3	0.01	43	?32	bc.or	bcp	bc.bcm	*
	Liverpool Obsy. ...	29.07	38	SSW	1	o	28.95	–·02	34	–1	ENE	2	om	2	0.04	44	34	op	ohlr	o	0.6
	Holyhead	29.07	40	NW	3	cg	28.97	–·02	38	–2	E	2	cg	1	Trace	46	34	cpbcp	bc.cp.o.	bx.cpd	5.0
	Pembroke (St. Ann's Hd.)	29.11	42	WNW	4	bc	28.87	–·03	37	–5	NE	2	c	2	0.03	44	36	cq	cqph	cq	4.7
	Newquay	29.14	45	W	5	c	28.75	·00	39	–4	N	7	oqp	7	0.37	46	33	cpq.bc	bc.c.	bc.cq	5.0
	Scilly (St. Mary's) ...	29.16	45	WNW	5	cqp	28.76	+·04	40	–1	NNE	8	omqr	6	0.88	48	36	cqp	cqp	cv.oqr	5.1
	Jersey (St. Aubin) ...	29.25	46	W	5	bc	28.68	*	48	+5	S	5	ot	5	0.25	49	39	c.bc	cqr.bc	oqr.o	2.8
	Portland Bill ...	29.14	44	WSW	4	bc	28.63	–.17	37	–4	NE	7	or	5	0.71	46	37	cqp	c.bc	bcp.or	*
	Dungeness	29.18	42	SSW	4	oq	28.87	–·10	41	–1	SE	5	oqr	5	0.48	45	38	crq	orhq	qp.bq.r	*
	Dover	29.17	40	SW	4	r	28.84	*	39	–1	E	5	r	6	0.38	43	36	op	ophr	r.o.c.r	0.0
	Wick	29.21	41	SE	6	c	29.18	·00	42	+3	ENE	5	cmq	5	0.03	42	37	bc.cmp	c	cmq.b	*
	Nairn	29.14	40	E	2	ogz	29.13	*	35	+6	ESE	2	dm	2	0.03	46	28	bz	b.bcz	o.de	8.4
	Aberdeen	29.19	41	SE	5	bc	29.08	–·02	40	+3	NE	4	o	4	0.17	44	36	cothp	ohpbc.	bc.oph	2.3
	Leith	29.11	39	ESE	3	bc	28.98	–·04	38	+3	N	3	r	*	0.12	45	34	o	bc.b	bc.c.or	*
	North Shields ...	29.11	38	SSE	4	c	28.96	–·05	36	+2	NW	3	o	2	0.01	44	34	c.o	cz	z.oz	?
	Spurn Head ...	29.12	40	S	3	c	28.97	–·02	35	–1	SE	3	of	3	0.12	40	34	or	c	c.or	1.4
	Yarmouth	29.17	41	S	4	c	28.97	–·10	41	+4	SE	3	o	2	0.17	44	34	bc.o	or.c.	cr.o	2.4
	Clacton-on-Sea ...	29.17	41	SSW	4	c	28.91	–·10	42	+1	SSE	4	o	4	0.30	42	36	bc.ors	o.c.	copcqp	0.1
	Nottingham... ...	29.11	35	SSE	1	c	28.95	*	32	–3	E	3	fex	*	0.19	44	28	c.o	c.ors.c	c.bom	0.2
	Bath	29.13	42	W	3	bc	28.80	*	34	–3	E	4	s	*	0.13	48	33	o.c	o.c.bc.	c.bers	4.6
	London (Kew Obsy.)...	29.16	41	SW	2	od	28.85	–·14	37	+1	E	3	omr	*	0.25	46	34	omrs.o.c	o.or.od	cd.bcbom	1.7
ICELAND, FAEROE, &c.	Spitzbergen	29.32	26	SSE	7	o	29.42	+·02	21	+18	SSW	5	s	*	*	26	1				
	Isafjord...	29.69	32	E	1	b	29.80	+·01	26	–3	–	0	o	*	*	*	*				
	Reykjavik	29.62	34	–	0	bc	29.76	+·04	19	–4	–	0	b	*	*	*	*				
	Vestmanna	29.55	37	–	0	b	29.71	+·04	26	+2	–	0	bc	1	*	*	*				
	Seydisfjord	29.64	34	NE	2	c	29.78	+·04	30	0	–	0	c	*	*	*	*				
	Thorshavn	29.30	42	ENE	3	o	29.47	+·04	40	–2	ENE	3	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	30.12	15	SSW	8	b	29.97	·00	14	–1	S	6	s	3	?	16	10				
	Bodö	29.74	24	ENE	5	c	29.81	+·04	25	+3	E	4	b	2	–	27	21				
	Christiansund ...	29.61	41	–	0	b	29.64	–·01	39	+1	ESE	2	o	3	–	45	36				
	Skudesnaes	29.52	40	SE.	4	o	29.40	–·01	39	–1	ESE	4	m	4	0.04	45	36				
	Færder (X'iania Fjord)	29.67	37	ENE	4	o	29.55	–·03	36	0	E	6	r	3	0.12	37	34				
	The Scaw (Skagen)...	29.61	41	SE	3	o	29.49	–·01.	39	0	ESE	5	bc	1	0.08	41	37				
	Blaavands Huk ...	29.46	38	ESE	4	o	29.33	–·05	34	–5	ESE	3	m	2	0.08	43	32				
	Haparanda	30.08	10	E	2	o	30.09	–·01	?	?	S	2	o	*	–	16	0				
	Hernösand	30.03	20	N	2	o	30.06	+·01	23	+11	NNE	2	s	*	0.04	23	10				
	Stockholm	29.93	33	SSE	4	o	29.86	–·02	35	+8	SE	4	o	*	–	36	27				
	Wisby	29.91	36	SE	2	c	29.76	–·04	37	+5	ESE	2	c	*	–	43	32				
	Karlstad	29.79	35	E	4	o	29.72	–·04	35	+2	E	4	o	*	0.04	37	32				
	St. Petersburg ...	30.02	20	NE	1	o	30.11	+·03	19	–3	NW	1	s	*	–	32	19				
CENTRAL EUROPE.	Berlin	29.55	46	S	1	o	29.50	–·01	35	o	S	2	b	*	–	48	34				
	Frankfurt	29.56	45	S	1	c	29.38	–·03	40	+2	SE	2	r	*	0.08	43	37				
	Munich	29.66	37	SW	3	o	29.55	–·01	37	+4	SW	2	c	*	Trace	39	28				
	Vienna	29.65	40	SSE	3	r	29.63	+·01	35	+1	ESE	1	f	*	0.04	48	34				
	Cuxhaven	29.49	38	S	2	b	29.28	–·03	37	+2	SE	3	o	o	0.04	46	35				
	The Helder	29.34	40	SSE	3	bc	29.10	–·03	37	–1	SE	2	o	2	0.16	46	34				
	Brussels	29.26	39	SSE	5	b	29.07	–·15	39	+2	SE	4	o	*	0.16	47	35				
FRANCE.	C. Gris Nez... ...	29.17	42	SSE	5	o	28.89	–·16	38	–1	E	5	r	3	0.24	46	37				
	La Hève	29.26	42	W	5	o	28.79	*	44	+7	SSE	6	r	4	0.04	46	37				
	Ushant...	29.26	.?	W	3	o	28.59	*	50	+5	W	6	o	7	0.08	48	41				
	Brest (St. Mathieu) ...	29.31	45	WNW	4	o	28.61	–·08	49	+6	WSW	7	o	7	0.32	50	43				
	Rochefort (Ile d' Aix)	29.47	49	WSW	6	r	29.12	–·09	51	+8	WSW	8	r	*	0.87	51	43				
	Biarritz	29.63	53	SW	4	o	29.33	–·04	60	+15	SW	6	c	7	0.75	60	45				
	Paris	29.32	43	WNW	4	r	28.99	–·15	48	+11	S	4	r	*	0.20	48	37				
	Belfort	29.87	44	WSW	4	o	29.35	*	45	+11	WSW	6	o	*	0.04	47	34				
	Lyons	29.65	43	S	4	r	29.44	*	48	+14	S	6	o	*	0.08	50	34				
	Nice	29.73	43	W	2	b	29.69	–·02	47	+5	E	1	o	4	–	55	41				
	Perpignan	29.75	48	S	1	bc	29.53	–·08	42	+4	–	0	o	*	–	57	32				
	Sanguinaire	*	51	W	6	o	*	*	55	+6	S	4	r	5	–	55	49				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...																				
	Madrid	30.00	52	–	0	o	29.80	–·04	46	+5	WSW	4	o	*	Trace	52	44				
	Lisbon (9 a.m.) ...	30.08	55	SW	5	r	29.99	+·01	55	0	WSW	5	o	6	0.12	57	54				
	Gibraltar							*													
	Rome	29.85	50	SW	2	o	29.88	+·03	50	+2	S	1	c	*	0.12	57	48				
	Azores (Horta, 8 a.m.)	30.38	*	SW	3	bc	30.39	+·01	60	+2	WSW	4	o	2	–	66	58				
	Madeira (Funchal) ...	30.42	60	NW	2	o	30.38	+·02	59	+4	NW	2	o	3	–	63	55				

GALES.

Duration and Extreme Force in British Islands.

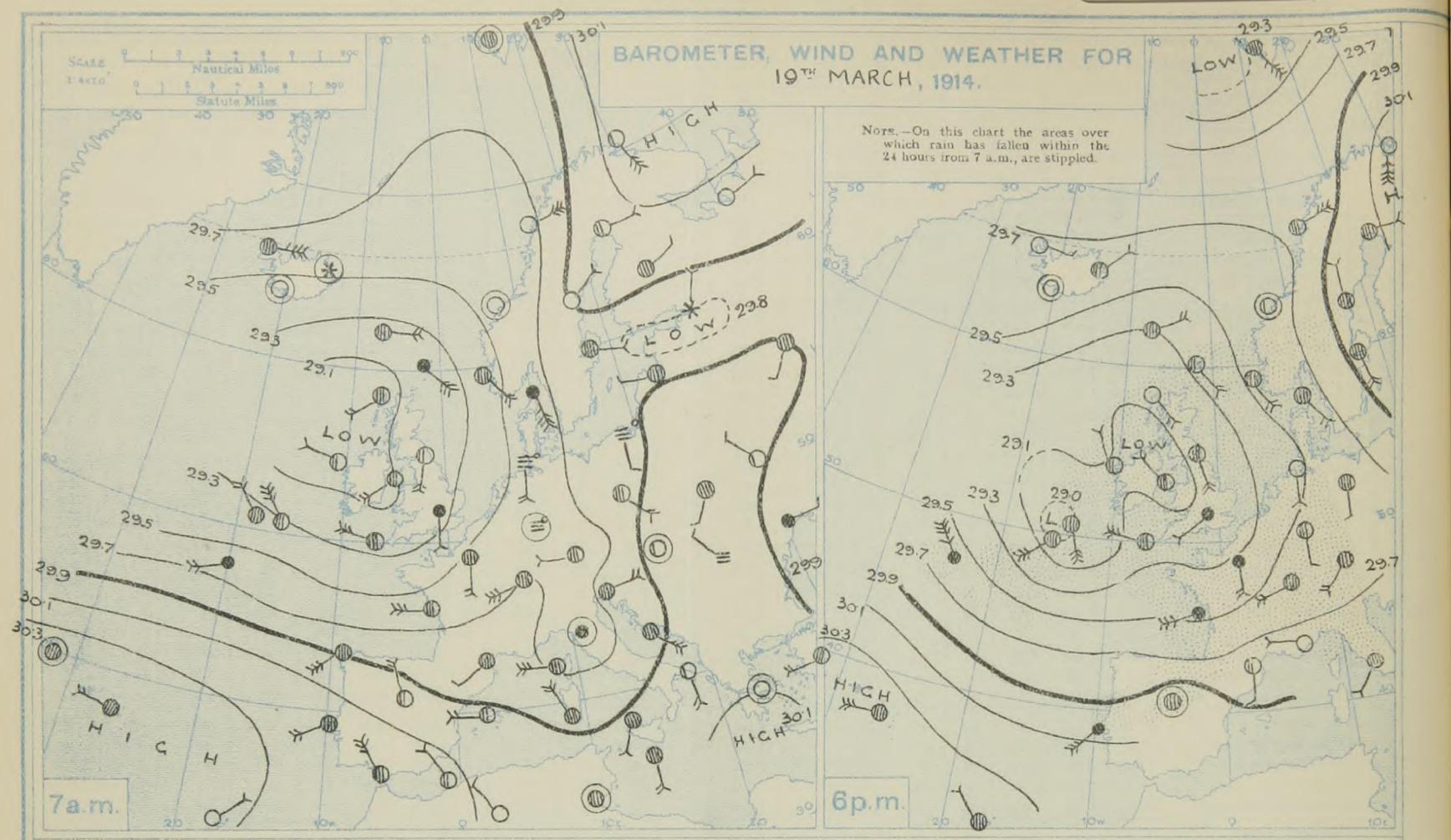
Lerwick.
2a.m.-7a.m ESE 9

Scilly
4a.m-7a.m NNE 8
Gust 55 mph.

Dungeness Noon
Squall S. 8.

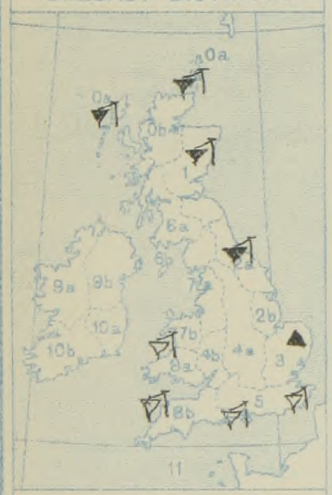
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

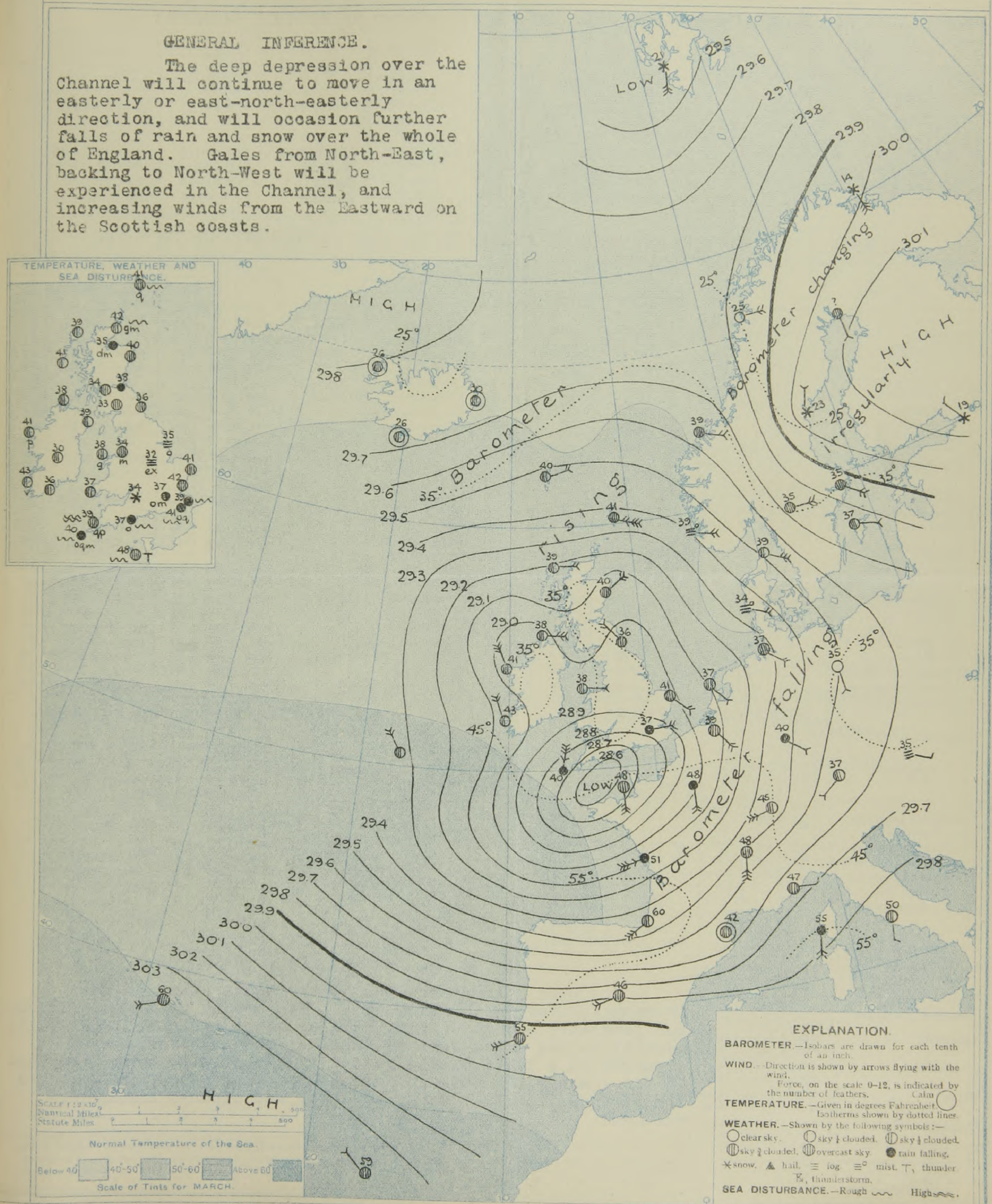
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted yesterday at 7.15pm in Dists 5 & 8; to-day at 8.45a.m in Dists 0, 1 & 2; & North Cone hoisted today at 10.40a.m in District 3.

0 a, b; 1; 2 a, b	Easterly and North-Easterly winds, increasing in force, a gale in places; cold, cloudy, some snow or sleet showers.
3; 4 a, b; 5	Easterly to North-Easterly and Northerly winds, increasing in force; rain and sleet to-day, improving somewhat in the course of to-morrow; remaining cold.
6 a, b; 7 a, b	North-Easterly winds, freshening; cold, cloudy, some snow or sleet showers.
8 a, b	Northerly gales, with hail and sleet showers; wind moderating later and weather improving temporarily; remaining cold.
9 a, b; 10 a, b	Freshening Northerly and North-Westerly winds; cold, changeable, some hail or sleet showers.
Western Channel and Bay 11	Gales from between West and North, with rainy weather. Wind moderating somewhat later, and weather improving temporarily; sea very rough.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Friday, 20th MARCH, 1914.



DAILY WEATHER REPORT. Friday, 20th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
20th 7 a.m	50	17	Olympic	O	29.32	+.09	NW	4-5	c
19th 6 p.m	48	22	Sicilian	O	29.56	+.17	NW	8-9	r
" "	49	13	St Paul	H	29.01	+.11	SW	6-7	o
" "	50	12	Cymric	H	28.96	-.17	SSE	6-7	o
" "	51	10	Virginian	O	29.09	-.02	WNW	1-3	o
19th 7 a.m	48	19	Sicilian	O	29.56	-.05	WSW	4-5	r
" "	48	19	St. Paul	H	29.49	-.05	W	4-5	o
" "	50	18	Baltic	H	29.44	-.04	NW	4-5	o
" "	50	16	Cymric	H	29.38	-.02	NW	6-7	c

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.01	43	33	cd.bc	bc	1.0
	St. Andrews	–	43	29	"	"	3.1
Eng. N.E.	Harrogate	0.06	39	30	s.o.c	c.bc	1.0
	Scarborough	"	42	32	o	o	2.4
	Skegness	0.04	41	35	bcrs	cg	1.3
Eng. N.W.	Morecambe	0.11	45	34	bc	bc.or	2.4
	Blackpool	0.12	44	34	or.c	bch	1.3
	Southport	0.20	44	33	o.c	chp.bc	1.0
Midlands.	Buxton	0.13	40	31	bc	bc	3.4
	Leamington Spa	0.03	46	33	bc	bc	2.7
	Malvern	0.07	42	37	p	p.bc.b	1.5
Wales.	Rhyl	0.15	44	34	c.cp.c	c.bc.c	0.8
	Colwyn Bay	0.25	44	35	c.bcp	bcp	3.0
	Llandudno	0.23	45	37	o	bc	1.8
	Aberystwyth	0.07	43	36	o.c	c.or	4.0
	Tenby	0.10	46	39	bc	bc	4.3
England. E.	Lowestoft	0.15	45	38	c.or	or.c	1.9
	Felixstowe	0.17	43	36	bcqp.c	op.c	0.7
	Walton-on-Naze	0.27	42	35	crq.rs	cqp.c	0.5
	Southend-on-Sea	0.48	41	34	osqr	o.bcr	0.4

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England. S.E.	Margate	0.43	43	35	or	oh.or	0.0
	Ramsgate	0.16	42	34	o	or	0.1
	Folkestone	0.35	44	37	o.bcr	r.o	0.1
	Hythe	0.50	45	35	bc.o	hru	0.0
	Littlestone	"	"	"	"	"	0.0
	Hastings	0.54	43	35	or	thr.c	0.2
	Bexhill-on-Sea	0.38	45	36	o	or	2.5
	Eastbourne	0.36	46	36	ogr	ogr	0.1
	Seaford	1.02	43	35	r	r	0.0
	Brighton	0.61	43	37	orhs.o	r.o.c	0.1
	Worthing	0.78	43	36			0.6
	Littlehampton	0.44	"	"	"	"	0.5
	Southsea	0.41	46	36	bcr.cd	bcp.c	1.8
	Ryde	0.67	46	37			1.5
	Ventnor	0.45	47	36	"	"	2.0
	Bournemouth	0.10	47	36	c.o.c	bc	4.2
England. S.W.	Weymouth	0.11	49	39	p.c.bc	bc	5.4
	Exmouth	0.15	49	38	bc.b	bc	4.1
	Teignmouth	0.11	49	35	bchp	bcp	3.7
	Torquay	0.08	48	37	bc	p.bc	4.7
	Paignton	0.16	47	35	cph.bc	bcp	4.7
	Falmouth	0.16	48	37	cph	c.bc	5.4
	Bude	0.22	49	37	c.bc	bcph	3.5
	Ilfracombe	0.51	46	36	bcph	bcph	4.6
	Weston-super-Mare	0.16	45	36	cr.b	bchp	3.5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max. (24 hours ended 9 a.m. To-Day.)	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	78	96	1.2	46	33	26	0.22	c	oprs	o.rs
City (Bunhill Row)	"	"	?	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	79	99	1.0	45	37	34	0.20	c	bc	r
Camden Sq. (Brit. Rainfall)	78	98	1.3	46	35	29	0.22	o.c	bc.b	"
Hampstead (Reservoir)	"	100	0.6	44	33	?	0.19	bc.or	os	os
Richmond Park	"	"	1.8							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	82	98	0.5							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
588 Joules	13.6 Milliwatts.	43.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.13	42	35	33	h.op	ph.c	cph	*
Plymouth to 9 p.m.	0.16	49	38	35	bcv	or	bch	4.3
Darwen "	0.04	40	32	31	bc.or	our.bh	chsr	0.3
Manchester "	0.01	45	35	"	c	c.bc	bc.orh	1.5
Birmingham "	–	42	33	30	"	o	c	1.8
Oxford to 8 p.m.	"							"
S. Kensington (Museum Grounds to 6 p.m.)	0.11	44	36	24	orsh	o.c	c.op.o	"

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

20th & 21st Mar, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.58	12.1	6.3
	5.56	12.0	6.4
Greenwich	6.5	12.8	6.16
	6.3	12.7	6.11
Wick	6.18	12.20	6.21
	6.16	12.19	6.23
Valencia	6.46	12.49	6.51
	6.44	12.48	6.52

NOTES ON YESTERDAY'S WEATHER.

Over a large portion of the United Kingdom the thermometer failed to reach 45°. The amount of bright sunshine was generally small. Rain, hail or sleet again fell generally, heavily in the south-west of England, and thunderstorms occurred in a few isolated places. Wireless reports show that as far west as the 20th meridian ships experienced moderate to fresh winds from West or North-West, and cloudy, changeable 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 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 21st March 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer M.S.L. Lat. 45°	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather Morning.	Afternoon	Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.37	39	ENE	3	cp	29.28	–.05	42	+1	NNE	5	c	4	0.13	42	37	cphq	cph	cp.bc.c	*
	Stornoway	29.32	40	ENE	4	cph	29.36	–.01	35	–4	NW	2	b	2	0.17 †	45	34	bc orq	or cphq	bc.b	?
	Castlebay (Barra Isd.)	29.22	42	NNE	4	o	29.33	.00	39	–2	N	2	bc	2	–	45	37	bc o	o	o.b	1.6
	Glasgow	29.05	38	ENE	4	od	29.19	+.04	38	+4	NNW	3	c	*	1.09	41	34	rsp c.o	odp	op.c.op.	0.5
	Eskdalemuir ...	29.00	37	NE	4	c	29.10	+.04	35	+2	N	6	odq	*	0.17	40	32	o.ops.o	o.or.c	c.odq	0.7
	Malin Head... ...	29.11	41	N	4	bc	29.31	+.01	41	+3	N	5	bc	5	0.01	44	38	cgq	bcqp	bcq	*
	Blacksod Point ...	29.22	44	NNE	4	cph	29.43	+.02	41	0	N	3	bcph	3	0.16	46	39	cp	cm	cphl	*
	Valencia	29.30	44	NNW	4	c	29.52	+.04	45	+2	NW	3	bc	4	0.22	47	38	cqht	chtl	cptl	2.7
	Roche's Point ...	29.18	41	N	4	c	29.43	*	42	+6	NNW	4	b	3	0.06	46	35	cpgq	cpgq	c.bl.b	*
	Birr Castle	29.15	39	NW	2	c	29.39	*	37	+7	NW	2	c	*	0.04	45	29	ch.c	cp	c	2.5
	Donaghadee ...	29.03	42	N	4	bc	29.23	+.05	42	+3	N	5	beq	5	0.06	44	38	bc	cp	cp.beq	*
	Liverpool Obsy. ...	28.98	40	WNW	3	c	29.10	+.05	40	+6	NW	6	orq	4	0.07	44	34	bcm	bc	or	5.6
	Holyhead	29.02	43	NNW	5	omq	29.27	+.06	43	+5	NW	7	cgq	8	0.16	45	37	osc.o.bc	bc.cp.o	cp.orq	4.3
	Pembroke (St. Ann's Hd.)	29.07	42	NNW	2	c	29.32	+.04	42	+5	NW	6	cq	6	0.03	45	37	c	cp	cgp	7.1
	Newquay	29.05	42	W	2	oph	29.35	+.08	45	+6	NW	7	c	7	0.13	47	38	cph.bc	bc.cph	cqp	5.3
	Scilly (St. Mary's) ...	29.10	46	NW	7	cq	29.43	+.08	46	+6	NW	8	beqp	7	0.07	48	38	cqp	cqph	cqphl	5.5
	Jersey (St. Aubin) ...	29.07	46	WNW	5	bc	29.30	*	44	–4	WNW	5	oqp	4	0.13	51	41	oqr.c	c.oqq.c	cqp	1.8
	Portland Bill ...	29.00	44	WNW	6	bcq	29.18	+.03	42	+5	WNW	6	c	5	0.15	44	40	or	cq.bc	bc.c	*
	Dungeness	28.77	38	WNW	4	c	29.12	+.01	40	–1	W	3	bc	3	0.33	49	35	qr.o	or.bc	pq.bcx	*
	Dover	28.76	37	NNW	7	oeq	29.11	*	37	–2	SW	4	bc	2	0.45	49	33	r.o	op.rq	r.o.c.bx	0.6
	Wick	29.26	43	E	5	bc	29.22	–.03	42	0	NNE	6	cmq	5	0.10	43	37	omp.cm	bc.mp	bcmqp	*
	Nairn	29.23	42	E	4	og	29.24	*	40	+5	ENE	4	oqmi	4	0.17	43	34	r.o	p.c	cqp	0.2
	Aberdeen	29.15	41	NE	6	o	29.10	.00	39	–1	NNE	5	rq	5	0.29	44	38	or hpq	ohpq	oqp	0.2
	Leith	29.03	38	NNE	3	r	29.11	+.03	41	+3	NW	4	o	*	0.59	42	36	or	or	or.o	*
	North Shields ...	28.96	41	NE	3	bc	28.95	+.02	40	+4	NNW	6	o	5	0.42	43	36	or	r.o	c.org	2.5
	Spurn Head ...	28.85	38	NNE	5	r	28.92	.00	37	+2	W	6	or	5	0.37	41	34	or	or	or.cq	0.0
	Yarmouth	28.69	40	NW	4	o	29.04	.00	34	–7	WSW	2	bc	1	0.40	45	32	omqr	omqr.o	or.bcx	0.2
	Clacton-on-Sea ...	28.73	38	NW	4	o	29.07	.00	38	–4	WSW	4	c	3	0.38	46	34	oqr	oqth.o	o.c.bcx	0.3
	Nottingham... ...	28.91	38	N	3	c	29.06	*	33	+1	W	3	bmx	*	0.07	43	30	f.m.ors	r.om.c	c.bm	0.0
	Bath	28.99	42	NW	3	o	29.17	*	37	+3	W	3	bc	*	0.43	46	32	sr.o	og	o.cr.bc	1.2
	London (Kew Obsy.)...	28.92	39	NW	2	o	29.10	+.02	36	–1	SW	2	cm	*	0.35	39	32	omr.omrs	oms.r.o	o.bc.b	0.0
ICELAND, FAEROE, &c.	Spitzbergen	29.69	2	NNW	1	o	29.70	+.02	1	–20	N	1	o	*	*	21	–2				
	Isafjord...	29.76	29	–	0	o	29.82	+.01	26	0	E	3	c	*	*	*	*				
	Reykjavik	29.76	33	–	0	c	29.64	–.04	32	+13	E	3	o	*	*	*	*				
	Vestmanna	29.13	34	E	2	b	29.57	–.05	35	+9	ESE	7	bc	2	*	*	*				
	Seydisfjord	29.80	36	NE	1	o	29.76	–.02	31	+1	–	0	o	*	*	*	*				
	Thorshavn	29.54	44	ENE	4	bc	29.48	–.03	37	–3	NNE	2	c	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.93	15	SW	6	b	29.93	+.01	22	+8	SW	6	bc	4	–	22	9				
	Bodö	29.85	31	E	4	c	29.82	–.01	34	+9	ENE	2	bc	2	–	34	25				
	Christiansund ...	29.52	40	–	0	b	29.47	–.01	39	0	SE	2	b	3	–	43	37				
	Skudesnaes	29.34	40	ENE	4	c	29.12	–.03	42	+3	E	6	o	3	–	46	27				
	Færder (X'iania Fjord)	29.50	37	ESE	5	o	29.40	.00	37	+1	E	6	r	3	0.20	37	36				
	The Scaw (Skagen)...	29.39	41	ESE	7	o	29.26	–.01	41	+2	ESE	7	o	3	0.08	43	37				
	Blaavands Huk ...	29.02	42	ESE	7	r	29.05	+.04	43	+9	SSE	6	m	4	0.16	45	32				
	Haparanda	30.12	20	S	2	o	30.15	+.01	12	–4	S	2	c	*	–	21	7				
	Hernösand	30.03	29	ENE	4	c	29.97	–.02	29	+6	–	0	o	*	Trace	30	21				
	Stockholm	29.81	35	SE	4	o	29.76	–.01	35	0	SE	4	o	*	–	39	32				
	Wisby	29.73	39	SSE	2	bc	29.66	–.03	38	+1	SSE	4	b	*	–	41	36				
	Karlstad	29.61	35	E	4	o	29.59	–.02	37	+2	ENE	6	o	*	0.08	39	34				
	St. Petersburg ...	30.17	20	SE	1	b	30.20	+.01	14	–5	ESE	1	m	*	–	20	14				
CENTRAL EUROPE.	Berlin	?29.41	45	SE	4	c	29.53	–.02	41	+6	SE	4	o	*	–	48	35				
	Frankfurt	29.15	50	S	7	o	29.33	+.07	41	+1	SW	3	m	*	0.08	50	39				
	Munich	29.23	48	S	3	c	29.38	+.01	34	–3	W	2	r	*	0.43	55	34				
	Vienna	29.39	47	SSE	2	bc	29.31	+.01	48	+13	S	3	o	*	–	52	35				
	Cuxhaven	29.02	47	SSE	7	o	29.11	+.07	43	+6	SSW	4	b	1	0.04	47	37				
	The Helder	28.80	44	SSE	3	r	29.07	+.11	41	+4	SW	6	bc	3	0.55	46	37				
	Brussels	28.80	43	SW	6	o	29.21	+.06	37	–2	SSW	2	o	*	0.32	55	35				
FRANCE.	C. Gris Nez... ...	28.73	40	NW	6	o	29.12	+.01	41	+3	WSW	5	bc	5	0.43	52	38				
	La Hève	29.03	42	NW	7	r	29.24	*	42	–2	WNW	5	c	5	0.32	48	37				
	Ushant...	29.25	48	NW	7	r	29.42	*	46	–4	NW	6	c	7	0.12	50	39				
	Brest (St. Mathieu) ...	29.24	48	WNW	5	c	29.45	+.06	45	–4	NW	6	o	5	0.20	50	41				
	Rochefort (Ile d' Aix)	29.32	47	WNW	9	r	29.51	+.08	45	–6	NW	6	r	*	0.24	52	43				
	Biarritz	29.52	50	W	8	r	29.67	+.05	46	–14	WSW	7	r	7	0.43	60	41				
	Paris	29.02	44	SW	6	o	?29.28	+.01	39	–9	SSW	3	o	*	0.12	55	37				
	Belfort	29.25	42	WSW	4	o	29.43	*	36	–9	WSW	4	o	*	0.16	46	32				
	Lyons	29.41	43	–	0	o	29.54	*	40	–8	W	1	b	*	0.20	51	37				
	Nice	29.38	49	W	6	f	29.34	.00	43	–4	W	4	b	6	0.55	50	41				
	Perpignan	29.45	51	W	3	o	29.58	+.02	47	+5	W	5	b	*	0.08	59	40				
	Sanguinaire	*	54	SW	6	f	*	*	51	–4	SW	6	c	6	0.24	55	45				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.75	54	WSW	8	o	30.05	+.08	49	–3	WNW	7	o	8	0.16	55	43				
	Madrid													*							
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.11	58	W	6	o	30.16	*	54		NW	5	c	2	0.26	59	53				
	Rome	29.71	55	SE	2	o	29.53	+.01	54	+4	SW	2	bc	*	0.43	61	50				
	Azores (Horta, 3 a.m.)	30.39	*	WSW	4	o	30.41	–.01	60	0	SW	4	o	2	–	68	57				
	Madeira (Funchal) ...	30.36	62	NW	3	o	30.32	+.02	58	–1	NW	3	bc	3	–	63	57				

GALES.

Duration and Extreme Force in British Islands.

Scilly.
8 a.m. – 11 a.m. N. 8.
5 p.m. Squall NW 8.
8 p.m. Squall force 9.
10 p.m. – 7 a.m. NW 8
3 a.m. Gust 60 m.p.h.

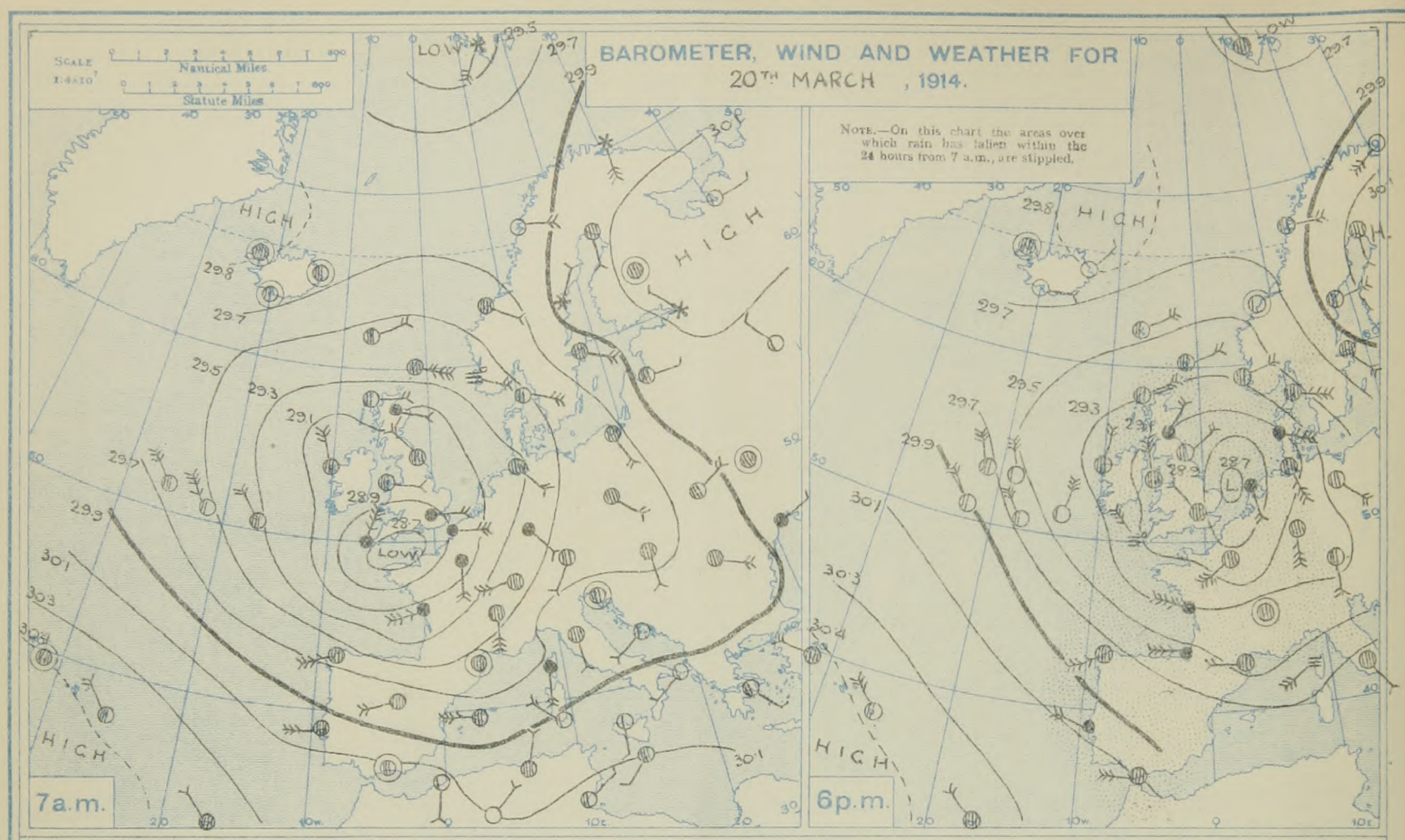
Newquay
7 a.m. Squalls gale force.

Portland Bill.
1 p.m. – 3 p.m. NNW. 8.

Aberdeen.
Squalls force 8 throughout.

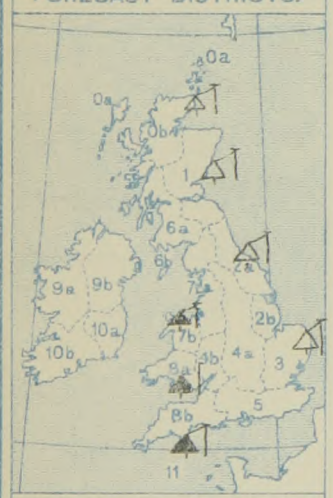
Yarmouth
1 p.m. – 3 p.m. E. 8.
2 p.m. E. 9.

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



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

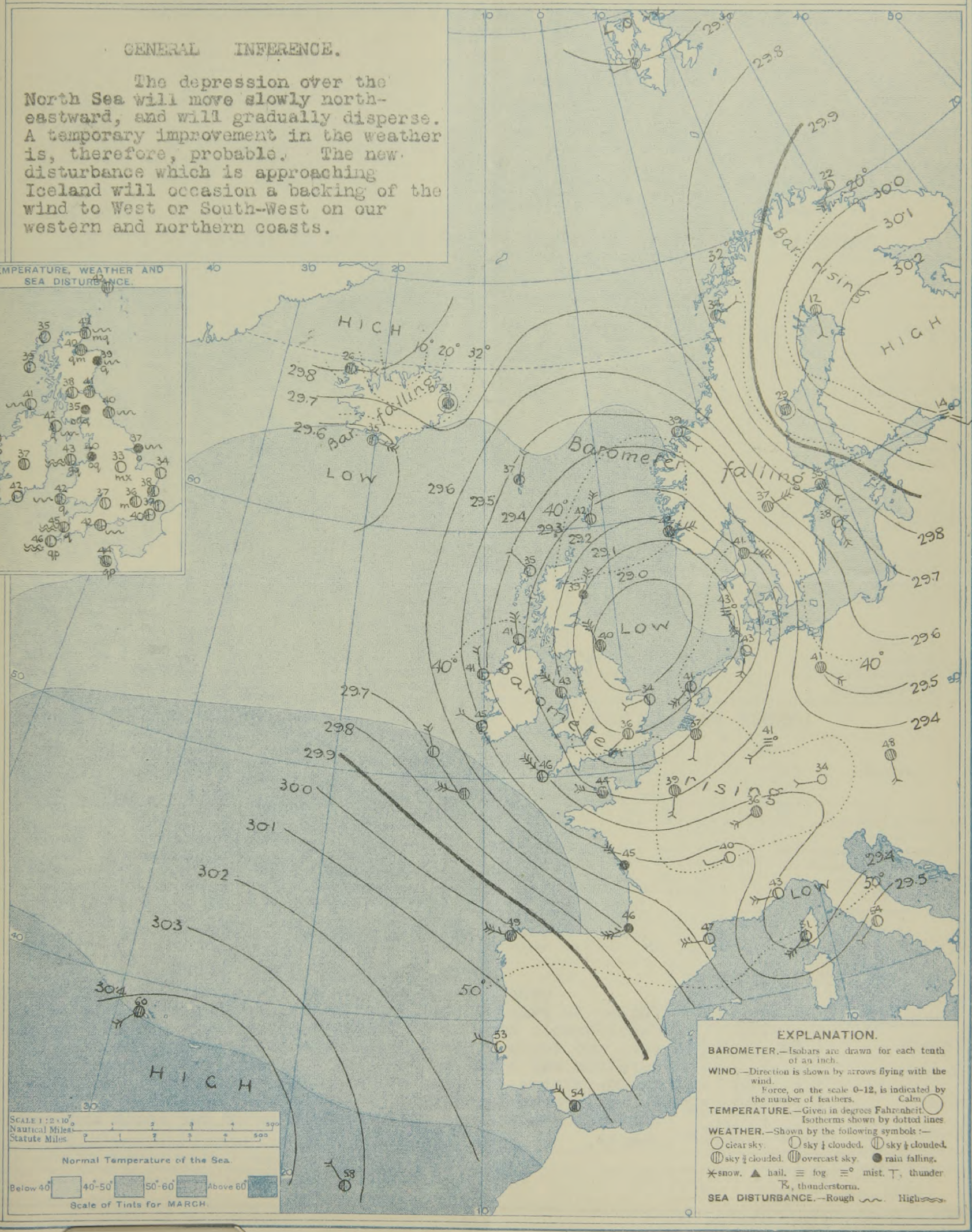
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

North Cone hoisted yesterday at 8.45 a.m. in Dists. 0, 1 & 2; at 10.40 a.m. in Dist. 3; today at 8.55 a.m. in Dists. 7 & 8.

0 a, b; 1	Fresh or strong Northerly winds, with hail or sleet squalls. Wind backing later to the Westward and weather improving temporarily. Frost to-night.
2 a, b; 3; 4 a, b; 5	Westerly and North-Westerly winds, moderate or fresh; mostly fair, but hail or sleet showers locally. Ground frost to-night.
6 a, b	Light or moderate breezes, backing to the Westward or South-Westward; fair generally. Ground frost to-night.
7 a, b; 8 a, b	North-Westerly winds, strong to a gale at first, with some hail or sleet showers. Wind moderating and backing later and weather improving temporarily. Ground frost to-night.
9 a, b; 10 a, b	Same as No. 6 a.
Western Channel and Bay. 11	North-Westerly winds, strong to a gale in force, with squally, showery weather and a rough sea. Remaining cold.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 21st MARCH, 1914.



DAILY WEATHER REPORT. Saturday, 21st March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
21st 7a.m	51	12	Hesperian	H	29.70	+.02	NNW	4-5	bc
" "	49	11	Montreal	O	29.63	+.05	WNW	6-7	c
20th 6p.m	50	22	Olympic	O	29.93	+.05	NW	4-5	bc
" "	53	20	Scandinavian	H	29.70	.00	NNW	6-7	c
" "	53	18	Pretorian	H	29.56	-.02	NNW	6-7	b
" "	50	17	Hesperian	H	29.75	+.01	NW	6-7	bc
20th 6p.m	51	13	Turcoman	O	29.39	+.15	NNE	6-7	b
" 7a.m	51	25	Scandinavian	H	29.62	+.02	NW	6-7	c
" "	50	21	Hesperian	H	29.65	+.05	NW	8-9	bc
" "	51	15	Virginian	O	29.18	+.01	NNW	6-7	bc

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.06	44	33	bp.bc	c	1.0
	St. Andrews	0.42	42	34	*	*	0.0
Eng. N.E.	Harrogate	–	43	31	o.c.bc	bc.c	3.6
	Scarborough	*	43	34	o.c	o.c	1.3
	Skegness	0.53	40	35	crs.r	r	0.0
Eng. N.W.	Morecambe	0.01	46	32	bc	bc.o	7.0
	Blackpool	–	44	30	c.c	c.o	5.9
	Southport	–	43	31	bcz.b	bc.c	4.1
Mid. lands.	Buxton	–	42	27	bc.o	bc	2.6
	Leamington Spa	0.18	46	31	os	os.c.b	0.3
	Malvern	–	44	38	z.	c.bc	1.5
Wales.	Rhyl	–	43	31	bc	bc	6.7
	Colwyn Bay	–	44	30	o.bc.b	b.bc	3.8
	Llandudno	–	43	33	o	bc	3.7
	Aberystwyth	–	43	34	c.bc	c.o	7.5
	Tenby	–	47	42	b	b	7.7
England, E.	Lowestoft	0.37	47	33	or	or.c.o	1.0
	Felixstowe	0.42	46	36	m.ogr	cp.o	0.3
	Walton-on-Naze	0.35	47	37	ogr.bc	cpg.o	0.5
	Southend-on-Sea	0.46	45	34	r.o.c	oru	0.4

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.78	50	34	or.bc	or	1.2
	Ramsgate	0.86	49	35	r.o.c	r	1.0
	Folkestone	0.58	50	36	r.o.cr	r8	0.8
	Hythe	0.66	51	31	r	r.bc	0.9
	Littlestone	*	*	*	*	*	1.3
	Hastings	0.49	51	37	or.bc	or.o	1.0
	Bexhill-on-Sea	0.75	50	38	or	o	1.1
	Eastbourne	0.53	50	38	omr	ogpr	0.9
	Seaford	0.48	43	36	o.or	o	1.3
	Brighton	0.34	50	36	gp.o	o	0.4
	Worthing	0.45	50	36	r.bc	or.o	0.3
	Littlehampton	0.43	*	*	*	*	0.1
	Southsea	0.91	41	37	or	o	0.0
	Ryde	0.80	44	35	r	r.bc	0.0
	Ventnor	0.57	48	35	*	*	0.5
	Bournemouth	0.75	44	33	rsh.o	c	0.9
England, S.W.	Weymouth	0.65	44	34	b.o.bc	bc	1.5
	Exmouth	0.71	46	33	r.bc	bc	3.5
	Teignmouth	0.83	49	33	os.c.bc	bc.b	3.6
	Torquay	1.03	46	34	o	c.bc.c	4.1
	Paignton	0.90	47	33	os	bc	4.5
	Falmouth	0.38	47	35	bcgph	bcgph	5.9
	Bude	0.41	49	34	c.bc	bcd	5.5
	Ilfracombe	0.01	46	37	c.b	b.bc	5.3
	Weston-super-Mare	0.30	46	34	os.bc	b.bc	3.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	24 Hours ended 9 A.M. To-Day. F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	96	86	0.0	39	32	23	0.31	or.rs	ors.o	o.bmcz
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	99	93	0.0	45	32.	30	0.37	rs.r	r	o
Camden Sq. (Brit. Rainfall)	100	87	0.0	39	31	26	0.37	os	os.o	*
Hampstead (Reservoir)	*	91	0.0	36	30	?	0.27	os	bcz	c
Richmond Park	*	*	0.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	93	87	0.0							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
178 Joules	41 Milliwatts.	27.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	–	44	30	28	b	c.b	c.b	*
Plymouth to 9 p.m.								
Darwen "	–	40	31	30	c.o	c.o.b	bc	0.0
Manchester "	0.04	44	33	*	or.c	bc.c	bc.c	3.5
Birmingham "	0.17	41	31	28	*	o	o	0.0
Oxford to 8 p.m.	*	40	33	26	bmbos	os	os.o	*
S. Kensington (Museum Grounds to 6 p.m.)	0.54	40	33	26	o.omr	ors.o	od	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

21st & 22nd Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.56 / 5.54	12.0 / 12.0	6.4 / 6.6
Greenwich	6.3 / 6.1	12.7 / 12.7	6.11 / 6.13
Wick	6.16 / 6.13	12.19 / 12.19	6.23 / 6.25
Valencia	6.44 / 6.42	12.48 / 12.48	6.52 / 6.54

NOTES ON YESTERDAY'S WEATHER.

Over a large portion of the country the thermometer failed to reach 45 deg., and in London it remained below 40 deg. Considerable amounts of bright sunshine were recorded in the west and south-west of Great Britain, but elsewhere the duration was small. Rain, hail or snow fell generally, thunderstorms occurred at Valencia, and lightning was seen at Roche's Point and Scilly. A gale from between North and East was experienced on several parts of our south and east coasts.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 22nd March, 1914.

	Stations.	Yesterday Evening. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 a.m., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 8 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.17	40	NE	5	or	29.13	·00	43	+1	ESE	6	orq	5	0.38	44	38	cp	cp·or	orq	*
	Stornoway	29.30	44	NNW	4	b	29.29	·00	39	+4	NW	4	bc	3	0.05	46	35	bchp	bc·b	bcpq	†
	Castlebay (Barra Isd.)	29.28	44	NNW	2	b	29.30	·00	41	+2	NNE	3	cp	3	–	46	39	bc	bc·b	bcp	9.6
	Glasgow	29.20	43	NW	3	bc	29.24	+·02	38	0	WNW	2	c	*	–	47	34	c·bc	bc	bc·b·ox	5.8
	Eskdalemuir ...	29.20	38	WNW	3	bc	29.25	+·02	34	−1	NE	3	c	*	–	44	30	odq·fq	cq·bf	bc·bx.c	0.7
	Malin Head... ...	29.27	43	NW	3	bc	29.30	+·02	42	+1	NNW	3	c	2	0.02	46	39	bc	bc	cmp	*
	Blacksod Point ...	29.34	46	WNW	2	bcv	29.41	+·04	40	−1	–	0	bc	1	0.16	48	35	bcvph	bcv	bcvp	*
	Valencia	29.37	44	WSW	3	ov	29.46	+·05	40	−5	N	1	bcv	3	0.05	49	34	bc	bcv	c·bp	6.3
	Roche's Point ...	29.38	46	N	3	c	29.44	*	38	−4	N	2	bc	2	0.04	49	38	cp	cp	cp·bc.	*
	Birr Castle	29.34	42	NW	1	c	29.40	*	29	−8	N	1	bc	*	–	50	29	c	c	bcx	8.6
	Donaghadee ...	29.28	45	N	2	bc	29.31	+·02	36	−6	NW	3	bc	3	–	47	35	b	bc	bcx	*
	Liverpool Obsy. ...	29.28	42	W	4	b	29.32	+·03	38	−2	W	2	b	2	0.03	46	36	dp·bc.	b	p.b	6.1
	Holyhead	29.32	45	W	3	bz	29.35	+·03	42	−1	WNW	4	bc	3	–	48	42	o·c·bc·b	bc·b.	c·o·c·bc.	9.5
	Pembroke (St. Ann's Hd.)	29.37	45	W	5	c	29.37	+·02	40	−2	NW	1	b	1	–	48	38	cq	bcq	bcq	7.2
	Newquay	29.41	47	WNW	4	bc	29.36	+·07	44	−1	N	2	b	4	trace	48	40	bc	bc	bc	7.6
	Scilly (St. Mary's) ...	29.42	46	WNW	5	bc	29.34	+·05	42	−4	N	3	bc	3	–	51	39	bc	bc	bc	8.4
	Jersey (St. Aubin) ...	29.49	49	WNW	5	b	29.28	*	43	−1	E	3	ogm	4	0.04	51	42	c·bc	qrh·b.	dp·bc.	8.3
	Portland Bill ...	29.36	46	WNW	5	bc	29.29	+·01	40	−2	NE	2	b	3	0.16	48	39	bcp	bc	b·bc.	*
	Dungeness	29.30	43	WNW	3	cp	29.35	·00	36	−4	–	0	b	1	0.05	48	33	dp·c	cp·c.	c·b·bcx	*
	Dover	29.27	41	W	2	cp	29.33	*	42	+5	–	0	bx	2	0.08	46	32	b·bcp	bcp·c.	cp·bx	5.1
	Wick	29.13	40	N	5	r	29.09	+·01	40	−2	W	2	cmpd	3	0.15	43	39	cmq	cq·oqr	od·cm.	*
	Nairn	29.18	43	N	2	cg	29.18	*	40	0	NNW	1	c	2	0.03	46	37	q·bc	bc	gp	3.4
	Aberdeen	29.08	39	NW	5	r	29.14	+·04	40	+1	NW	4	bc	3	0.11	40	38	orq	orq	orq·bc.	0.0
	Leith	29.16	44	NW	3	bc	29.19	+·02	38	−3	WSW	3	o	*	trace	45	36	og·c.	c·bc.	bc	*
	North Shields ...	29.11	43	WNW	6	c	29.21	+·02	35	−5	W	4	bc	3	0.10	43	34	r·o	o·c.	bcx	0.0
	Spurn Head ...	29.15	42	WNW	4	c	29.25	+·02	37	0	W	3	bcm	4	0.08	42	35	horq	or·c.	c·bm.	0.0
	Yarmouth	29.20	40	W	2	omr	29.30	+·02	39	−1	W	2	bcx	1	0.07	44	32	o	omr	or·bcx	5.2
	Clacton-on-Sea ...	29.25	40	W	2	or	29.31	·00	33	−5	WNW	1	bx	1	0.20	46	32	c·bc·o.	or	c·bc·or	2.3
	Nottingham... ...	29.26	43	W	4	b	29.31	*	31	−2	W	2	bx	*	0.07	46	29	c·orsm	o·c·bm	b	0.0
	Bath	29.36	45	W	1	b	29.39	*	31	−6	–	0	o	*	0.01	50	28	bc·or	o·c·bc·b.	bc·omx	4.6
	London (Kew Obsy.)...	29.31	45	WNW	1	bc	29.36	+·03	31	−5	–	0	bmx	*	0.06	47	28	encomd	omd·o·c·bc	bc·bmx	1.2
ICELAND, FAEROE, &c.	Spitzbergen	29.94	−4	NNW	4	b	30.20	·00	−9	−10	SE	2	b	*	*	1	−13				
	Isafjord...	29.79	32	E	8	o	29.91	+·03	31	+5	E	8	c	*	*	*	*				
	Reykjavik	29.62	36	E	3	o	29.76	+·02	30	−2	E	2	c	*	*	*	*				
	Vestmanna	29.60	35	E	10	b	29.70	+·03	33	−2	–	0	b	2	*	*	*				
	Seydisfjord	29.76	33	–	0	s	29.81	·00	29	−2	NE	3	s	*	*	*	*				
	Thorshavn	29.39	41	NE	2	o	29.30	−·03	39	+2	NNE	2	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.95	26	N	2	bc	30.06	+·01	23	+1	SW	8	b	4	–	26	12				
	Bodö	29.83	30	E	4	b	29.73	+·04	33	−1	E	4	b	2	–	34	27				
	Christiansund ...	29.38	44	–	0	c	29.45	+·01	45	+6	–	0	o	3	–	45	39				
	Skudesnaes	29.30	42	E	4	o	29.29	·00	42	0	ESE	2	o	2	–	45	39				
	Færder (X'iania Fjord)	29.48	36	ESE	6	r	29.41	−·02	35	−2	ENE	5	r	2	0.63	39	34				
	The Scaw (Skagen)...	29.42	41	SE	4	o	29.30	−·03	39	−2	NNE	4	r	1	0.16	43	37				
	Blaavands Huk ...	29.31	39	SSE	2	m	29.26	−·01	35	−8	–	0	m	0	–	43	32				
	Haparanda	30.10	21	S	2	c	30.09	−·02	17	+5	SE	2	b	*	–	21	12				
	Hernösand	29.95	29	N	4	o	29.90	−·01	32	+3	E	2	o	*	0.08	39	27				
	Stockholm	29.75	36	SE	6	o	29.63	−·02	34	−1	E	6	o	*	–	37	32				
	Wisby	29.64	41	ESE	4	o	29.46	−·08	37	−1	E	6	o	*	0.04	43	36				
	Karlstad	29.62	37	E	6	o	29.52	·00	35	−2	E	4	o	*	trace	41	32				
	St. Petersburg ...	30.23	25	SE	2	o	30.17	−·01	32	+18	SE	2	o	*	–	32	12				
CENTRAL EUROPE.	Berlin	29.32	43	SW	1	o	29.34	+·04	39	−2	S	2	o	*	0.28	52	39				
	Frankfurt	29.41	43	SW	3	bc	29.43	+·04	39	−2	SW	3	o	*	0.04	48	37				
	Munich	29.51	37	W	5	c	29.56	+·01	37	+3	W	5	c	*	0.08	41	34				
	Vienna	29.45	42	W	4	q	29.54	+·03	41	−7	W	4	c	*	0.08	52	39				
	Cuxhaven	29.31	43	S	1	b	29.27	·00	38	−5	SW	1	o	0	–	50	36				
	The Helder	29.24	42	SSW	1	c	29.29	+·03	42	+1	WSW	2	c	2	0.08	46	37				
	Brussels	29.32	39	WSW	3	o	29.39	−·02	36	−1	–	0	b	*	0.08	48	36				
FRANCE.	C. Gris Nez... ...	29.30	43	WNW	5	c	29.34	+·01	39	−2	SE	1	b	2	0.12	45	37				
	La Hève	29.45	45	W	6	o	29.35	*	38	−4	E	2	o	2	0.04	46	36				
	Ushant...	29.49	34	W	4	c	29.26	*	?	?	NE	5	o	3	0.39	48	39				
	Brest (St. Mathieu) ...	29.53	50	W	4	c	29.30	+·08	42	−3	N	3	c	3	0.43	52	41				
	Rochefort (Ile d' Aix)	29.69	50	W	6	c	29.26	−·04	47	+2	SW	5	o	*	0.67	52	41				
	Biarritz	29.90	49	W	6	o	29.51	−·04	45	−1	SSW	3	o	6	0.32	52	43				
	Paris	29.44	44	WSW	3	b	29.39	−·02	40	+1	SSE	2	r	*	0.04	50	34				
	Belfort	29.53	37	WSW	4	o	29.56	*	32	−4	–	0	s	*	0.16	42	32				
	Lyons	29.65	42	W	1	o	29.59	*	40	0	S	2	o	*	0.04	50	37				
	Nice	29.48	45	W	6	c	29.60	+·01	44	+1	–	0	o	5	–	59	41				
	Perpignan	29.82	43	W	4	b	29.54	−·11	41	−6	NW	1	o	*	0.12	55	34				
	Sanguinaire							*													
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.08	52	WNW	6	bc	29.74	·00	50	+1	WNW	8	o	8	0.20	55	46				
	Madrid...	30.02	53	WNW	3	b	29.81	−·04	41	+1	WSW	3	o	*	?	54	39				
	Lisbon (9 a.m.) ...	30.17	53	WSW	4	c	29.99	−·01	55	+2	W	4	c	6	0.12	59	52				
	Gibraltar							*													
	Rome	29.63	52	SW	2	b	29.69	−·04	45	−9	N	1	b	*	0.08	59	45				
	Azores (Horta, 8 a.m.)	30.42	*	SSE	3	bc	30.38	−·01	58	−2	WSW	3	o	2	–	70	54				
	Madeira (Funchal) ...	30.31	61	N	3	bc	30.28	+·01	60	+2	N	3	c	3	–	60	57				

GALES.

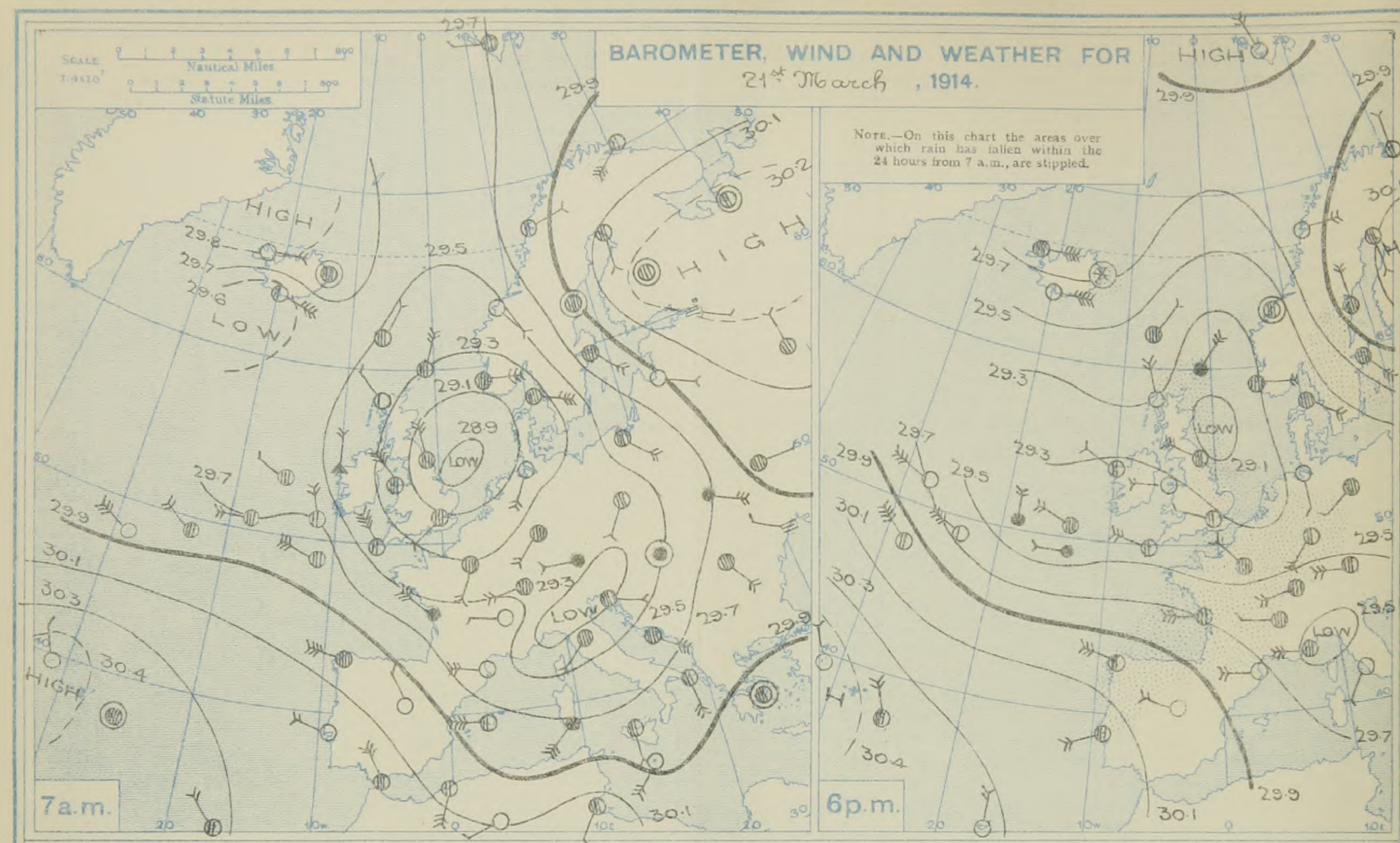
Duration and Extreme Force in British Islands.

Scilly. 7 a.m.–9 a.m. NW 8.

Aberdeen. Between 1 p.m. & 6 p.m. Sqs. 8.

* Information for these columns not usually received.

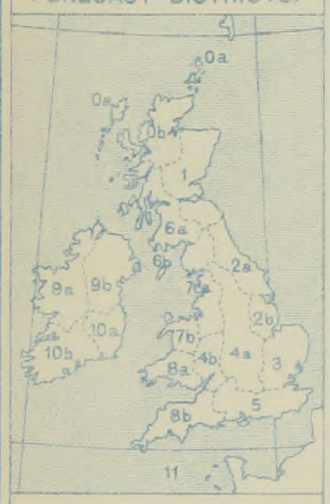
† Received too late for insertion in Charts.



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

		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.
0 a	Station	Eskdalemuir		S. Farnborough.											
0 b															
1	Date and Hour.	16th	13 h.	17th	7h.										
2 a	Heights in Kilometres.														
2 b															
3	5·0			+13	−14										
	4·0			+10	−11										
4 a	3·0			+11	−12										
4 b	2·0			+9	−7										
5	1·0	+6	−11	+15	−12										
	0·5	+5	−7	+14	−6										
6 a	Ground	+6	−6	+5	+1										
6 b															
7 a	Station.														
7 b	Date and Hour														
8 a	Heights in Kilometres														
8 b															
9 a															
9 b															
10 a															
10 b															
11	Ground														

FORECAST DISTRICTS.



STORM WARNINGS.

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

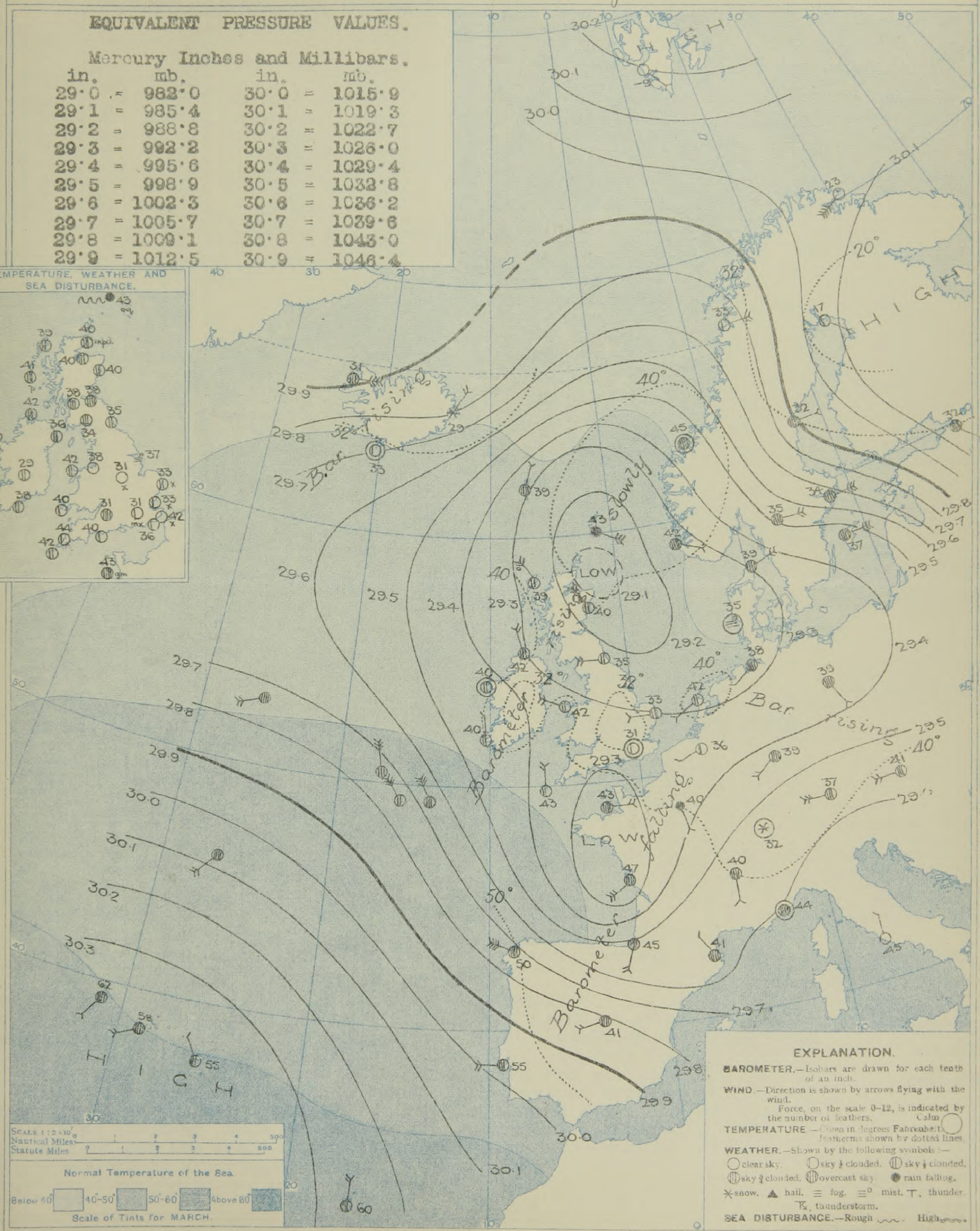
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

North Cone hoisted yesterday at 8.55a.m in Dists. 7 & 8; but lowered today at 8.30a.m in these Districts.

Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Sunday, 22nd MARCH, 1914.



DAILY WEATHER REPORT. Sunday 22nd March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
22nd 7am.	49	22	Mauretania	H	29.88	−.03	WNW	4-5	c
" "	49	16	Montreal	O	29.74	+.04	NW	6-7	bc
" "	49	17	Ascania	H	29.81	+.02	N	4-5	b
" "	50	17	Ausonia	O	29.73	+.12	NNW	6-7	c
" "	49	14	Marquette	O	29.70	+.10	NW	6-7	c
21st "	48	28	Olympic	O	29.85	+.07	WNW	6-7	b
21st 6pm	48	28	Virginian	O	29.93	+.04	NW	8-9	bc

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
21st. 6pm.	50	19	Turcoman	O	29.32	.00	N	4-5	r
" "	50	?14	Cameronia	H	29.39	−.10	WNW	4-5	o
" "	49	13	Montreal	O	29.36	−.07	W	1-3	r
" 7am.	50	18	Cameronia	H	29.70	−.17	W	4-5	c
" "	53	15	Scandinavian	H	?	+.06	WNW	1-3	c
" 6pm	53	11	do	H	?	.00	—	0	b
" "	49	10	Marquette	O	29.58	−.02	W	4-5	o

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	0.05	45	33	o.c.o	o.c	0.4
	Scarborough	*					
	Skegness	0.17	42	35	dz.cr	cdg	0.0
Eng. N.W.	Morecambe	0.01	46	36	c	b	6.1
	Blackpool	0.11	47	35	or.c.	c.bc	5.6
	Southport	0.04	46	37	c.bc	b	7.0
Midlands.	Buxton	0.10	41	32	c.os	o.bc	0.4
	Leamington Spa	0.07	47	31	o	o.bc	0.7
	Malvern	0.04	47	38	r.o.c	bc.b	3.0
Wales.	Rhyl	0.07	46	35	o.c	c	3.7
	Colwyn Bay						
	Llandudno						
	Aberystwyth	0.40	45	38	r.o.c	c.bc	6.2
	Tenby	0.20	49	45	b	b	9.1
England. E.	Lowestoft						
	Felixstowe	0.06	43	33	bem	bem.or	3.4
	Walton-on-Naze	0.07	44	33	mq.bc.c	cp.ogd	2.7
	Southend-on-Sea	0.03	46	34	bc.o.bc	ber.bc	1.6

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England. S.E.	Margate	0.11	45	32	b.bc	bc.c.r	4.2
	Ramsgate	0.05	43	31	b.bc.o	r	3.5
	Folkestone	0.07	46	33	bc.o	r.b	3.1
	Hythe	0.44	47	29	b	or.bc	2.6
	Littlestone	*	*	*	*	*	3.7
	Hastings	0.05	45	43	b.bc.o	op.bc.b	2.4
	Bexhill-on-Sea	0.16	46	38	r.o	r.o.bc	2.2
	Eastbourne	0.03	45	35	bc.o.bp	o.bcp	2.4
	Seaford	0.06	46	35	o	or	1.7
	Brighton	0.05	47	38	b.bc	bc.cp.b	2.5
	Worthing	0.09	47	30	bc.r	o.bc.b	2.5
	Littlehampton	0.08	*	*	*	*	2.8
	Southsea						
	Ryde						
	Ventnor				*	*	
	Bournemouth	0.10	50	34	o.c.bc	bc.b	5.8
England. S.W.	Weymouth	0.21	50	36	v.c.bc	bc	6.0
	Exmouth						
	Teignmouth	0.14	50	37	o.bc	b	8.8
	Torquay	0.08	50	37	bc	bo	9.2
	Paignton	0.06	50	36	bcp.b	bc	9.3
	Falmouth	0.08	50	38	cph	bc	8.9
	Bude						
	Ilfracombe	0.15	48	39	c.b	bc	6.4
	Weston-super-Mare						

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
	%	%	Hr.	F.°	F.°	F.°	In.			
				24 Hours ended 9 a.m. To-day.						
Greenwich (Royal Obsy.)	85	82	0.2	46	29	18	0.06	or	orh.o	o.c.bx
City (Bunhill Row)	*	*	0.1	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	94	95	0.4	47	29	28	0.05	odr.o	or	or.bx.b
Camden Sq. (Brit. Rainfall)	96	90	0.7	47	28	22	0.10	a.c.or	or.c	*
Hampstead (Reservoir)	*	85	1.2	45	31	*	0.07	bc.or	bc	bex.b
Richmond Park	*	*	1.3							
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.)	388 Joules	8.9 Milliwatts.	41.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.01	49	36	33	op.c.b	bc	bop	*
Plymouth to 9 p.m.	0.19	48	35	31	bc	bcq	bc	9.1
Darwen "	0.05	42	31	29	c.ors	ou.c	bc	1.5
Manchester "	0.03	46	35	*	or.o	o.c.bc	bc	2.3
Birmingham "	0.09	46	32	34	rs	r	o.c	1.3
Oxford to 8 p.m.	*	47	33	24	bmors	ors.c	c.bc.b	*
S. Kensington (Museum Grounds to 6 p.m.)	0.08	46	33	22	om	or.od	odacb	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

22nd & 23rd Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.54	12.0	6.6
	5.52	12.0	6.8
Greenwich	6.1	12.7	6.13
	5.59	12.7	6.15
Wick	6.13	12.19	6.25
	6.10	12.19	6.27
Valencia	6.42	12.48	6.54
	6.40	12.48	6.56

NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 50 deg. at all except the most south-western and southern stations, only rising to 40 deg. at Aberdeen. Frost occurred at night in many parts of England and Ireland. Rain fell over the greater portion of the Kingdom, but the west and south-west of England, Wales and Ireland recorded much bright sunshine and in most other districts there was a moderate amount. According to wireless reports a Westerly to North-Westerly wind, moderate to a gale in force, prevailed between the Irish coast and the 28th 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 23rd March 1914.

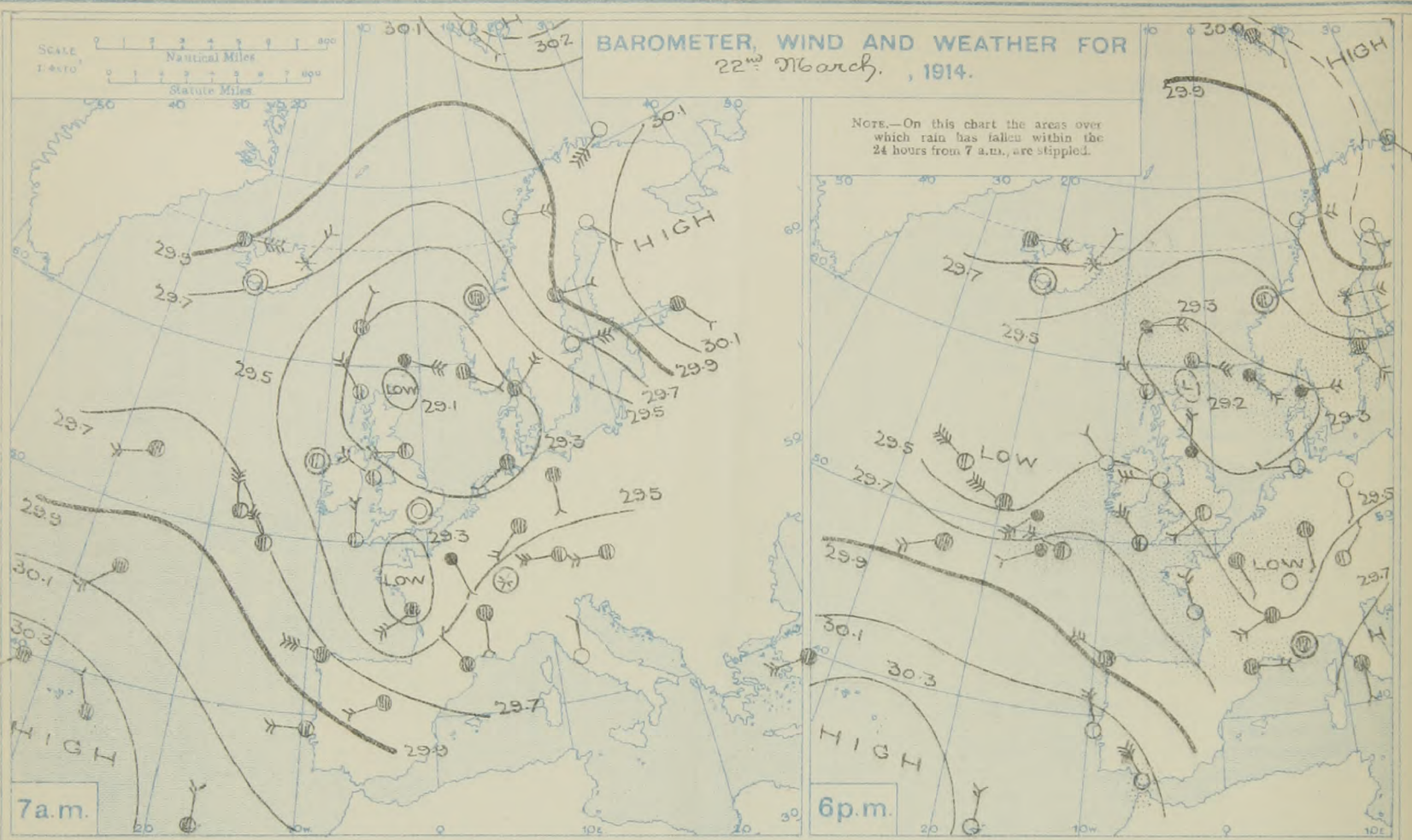
	STATIONS.	Yesterday Evening. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	This Morning 7 a.m., G.M.T. Barometer. M.S.L. Lat. 45°.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.28	43	ESE	6	cq	29.35	·00	41	−2	SSE	2	c	2	0.02	44	39	omq	ocq	cq	*
	Stornoway	29.33	42	NW	4	bc	29.36	−·02	32	−7	−	0	bcx	0	0.04	46	31	bc	bc	bcx	?
	Castlebay (Barra Isd.)	29.38	45	WNW	4	bc	29.29	−·03	43	+2	SE	5	og	6	0.01	47	39	cpbc	bchbc	bc.bog	7.5
	Glasgow	29.35	42	WNW	4	b	29.43	−·01	43	−5	ESE	2	cm	*	−	47	33	cbc	bc	bg.omx	5.5
	Eskdalemuir ...	29.36	38	WNW	4	bc	29.45	·00	26	−8	−	0	b	*	0.01	45	26	cbcc	cbc.	bc.b.bx	3.2
	Malin Head... ...	29.43	43	NNW	3	bc	29.27	−·06	38	−4	SW	5	c	3	0.05	45	35	bcp	bc	cdm	*
	Blacksod Point ...	29.50	46	NW	2	bv	29.24	−·02	45	+5	W	4	cm	3	0.06	49	38	bcv	bcv	bc.opq	*
	Valencia	29.61	47	WNW	4	bcv	29.40	+·03	48	+8	WSW	3	bcm	4	0.29	48	39	cbp	cbp	bcv	7.5
	Roche's Point ...	29.58	47	NNW	3	bc	29.36	*	45	+7	NW	4	o	3	0.09	49	38	bc	bc	b.op	*
	Birr Castle	29.54	43	NW	1	c	29.34	*	41	+12	SSW	2	r	*	0.06	50	29	c	cph	c.or	7.9
	Donaghadee ...	29.45	45	NW	3	bc	29.42	−·04	37	+1	NW	3	cx	2	0.08	48	33	bcqph	bcph	bcx	*
	Liverpool Obsy. ...	29.43	43	W	4	b	29.49	−·02	38	0	S	2	o	1	Trace	46	36	b	bph	bc.o	9.3
	Holyhead	29.47	45	W	5	b	29.47	−·03	43	+1	S	4	cgm	3	−	48	39	cbc	cbc.bcp	bbc.co	9.0
	Pembroke (St. Ann's Hd.)	29.54	41	W	3	b	29.50	−·05	45	+5	SW	5	cpqg	5	0.02	46	40	bx	bc	b	9.2
	Newquay	29.56	45	NW	5	bc	29.53	−·05	43	−1	S	4	om	4	0.03	47	42	bcv	bcv	bc.op	8.4
	Scilly (St. Mary's) ...	29.59	46	NW	5	bc	29.53	−·05	46	+4	SSW	5	orm	5	0.10	50	40	bcqjp	bc	bc.opq	8.6
	Jersey (St. Aubin) ...	29.54	48	WNW	4	bc	29.72	*	45	+2	SW	4	bc	4	0.01	51	41	b	b	bcpbc	7.2
	Portland Bill ...	29.51	46	WNW	4	bc	29.62	−·01	46	+6	WSW	4	c	3	−	52	42	bc.c	c.bc.	bc.c	*
	Dungeness	29.44	46	WSW	3	c	29.64	+·04	41	+5	SW	3	bc	3	Trace	49	31	bc	c.bc	bcp.bx	*
	Dover	29.45	42	NW	1	c	29.63	*	38	−4	WSW	1	b	2	−	49	34	b	bbc.c	c.bc.bx	9.0
	Wick	29.24	43	WNW	3	c	29.33	+·04	36	−4	WSW	2	bm	3	0.04	45	35	cpm	cpgm	c.bc.bm	*
	Nairn	29.31	43	NW	2	bc	29.38	*	32	−8	−	0	b	1	0.01	47	30	d.c	bc	bcx	2.2
	Aberdeen	29.27	43	WNW	4	o	29.40	+·02	34	−6	−	0	b	2	−	46	33	c.oq	c.op	oq.b	1.7
	Leith	29.28	43	WNW	3	bc	29.41	+·02	36	−2	WSW	1	bq	*	−	48	35	o	c.bc	bc.b	*
	North Shields ...	29.31	42	N	3	r	29.46	+·03	34	−1	WSW	3	b	2	0.14	44	33	r.o.	r.oq	r.o.bx	0.3
	Spurn Head ...	29.34	44	WNW	4	bc	29.50	+·03	38	+1	W	4	bcm	3	−	47	35	bc	bc	bcm	8.5
	Yarmouth	29.39	45	W	2	bcm	29.57	+·03	34	+1	WSW	2	bc	1	0.01	50	32	bc	bcm	bc.tl.	9.7
	Clacton-on-Sea ...	29.42	44	WSW	2	c	29.60	+·04	35	+2	WSW	1	b	1	Trace	49	33	bc.c	bc.cpc	c.bm.bx	8.6
	Nottingham... ...	29.43	44	WNW	4	b	29.56	*	31	0	SW	1	bmx	*	Trace	49	31	bc	c.b	b	7.5
	Bath	29.51	45	W	2	b	29.60	*	37	+6	SSW	1	o	*	Trace	50	31	m.o.c	o.bc.cp	bbc.o	5.1
	London (Kew Obsy.)...	29.48	42	SW	2	bcm	29.63	+·03	35	+4	SW	1	cmx	*	0.03	49	30	bmxbcc	cbcpcm	bcm.bmx	5.1
ICELAND, FAEROE, &c.	Spitzbergen	29.98	−4	SE	1	o	29.74	−·11	1	+10	−	0	s	*	*	−2	−11				
	Isafjord...	29.84	30	E	4	o	29.72	−·04	31	0	E	3	c	*	*	*	*				
	Reykjavik	29.67	34	E	2	b	29.46	−·05	33	+3	E	3	o	*	*	*	*				
	Vestmanna	29.60	35	−	0	b	29.35	−·06	39	+8	E	5	o	2	*	*	*				
	Seydisfjord	29.74	31	NE	2	s	29.60	−·01	32	+3	NE	4	s	*	*	*	*				
	Thorshavn	29.28	41	E	4	r	29.28	−·03	42	+3	ENE	4	r	*	*	*	*				
NORTHERN EUROPE.	Vardö	30.00	26	SE	4	bc	29.88	−·02	24	+1	SW	6	o	3	−	27	12				
	Bodö	29.71	32	E	4	b	29.69	−·02	32	−1	ESE	1	b	1	−	36	30				
	Christiansund ...	29.40	44	−	0	c	29.43	+·01	38	−7	SE	1	b	3	−	48	37				
	Skudesnaes	29.29	36	SE	4	r	29.40	+·01	37	−5	−	0	o	2	0.12	46	36				
	Færder (X'tiania Fjord)	29.38	36	NE	6	o	29.43	+·04	34	−1	NE	2	o	1	0.55	36	32				
	The Scaw (Skagen)...	29.28	36	E	4	r	29.41	+·06	36	−5	SSW	2	r	0	0.32	41	34				
	Blaavands Huk ...	29.32	40	WSW	2	m	29.44	+·02	40	+5	SW	3	r	2	Trace	43	34				
	Haparanda	30.05	19	S	2	o	29.97	−·01	21	+4	SSE	2	f	*	−	21	14				
	Hernösand	29.85	30	E	4	s	29.74	−·02	33	+1	SE	6	s	*	0.32	39	28				
	Stockholm	29.47	35	ESE	6	o	29.65	+·04	36	+2	SSE	2	f	*	0.16	37	32				
	Wisby	29.39	38	SSE	4	o	29.62	+·02	39	+2	SE	4	o	*	0.24	45	34				
	Karlstad	29.43	33	E	4	o	29.52	+·04	37	+2	ESE	4	o	*	0.04	37	32				
	St. Petersburg ...	30.11	27	E	2	c	30.06	+·01	27	−5	ESE	3	o	*	−	32	21				
CENTRAL EUROPE.	Berlin	29.45	41	S	1	b	29.63	+·04	35	−4	S	1	b	*	−	48	32				
	Frankfurt	29.49	44	S	1	o	29.63	+·08	37	−2	N	1	s	*	0.28	50	37				
	Munich	29.52	39	NE	2	bc	29.68	+·06	39	+2	SW	4	c	*	−	48	34				
	Vienna	29.61	42	S	1	b	29.68	+·04	34	−7	N	1	f	*							
	Cuxhaven	29.39	44	W	1	b	29.52	+·02	34	−4	SSW	2	bx	0	−	45	32				
	The Helder	29.41	42	SW	2	b	29.54	+·05	42	0	SW	3	c	2	−	46	41				
	Brussels	29.49	41	WSW	1	r	29.67	+·07	35	−1	SW	1	b	*	0.04	50	33				
FRANCE.	C. Gris Nez... ...	29.46	45	WSW	3	bc	29.64	+·04	42	+3	WSW	4	b	3	0.04	50	41				
	La Hève	29.52	44	NW	4	c	29.73	*	41	+3	WSW	4	bc	5	0.04	46	39				
	Ushant...	29.68	48	N	4	c	29.69	*	48	?	SW	3	f	3	0.16	50	43				
	Brest (St. Mathieu) ...	29.65	47	WNW	4	bc	29.74	−·03	46	+4	SW	3	r	3	0.08	52	45				
	Rochefort (Ile d' Aix)	29.56	49	NNW	6	bc	29.89	+·05	46	−1	W	3	o	*	0.28	52	45				
	Biarritz	29.71	51	NW	7	o	29.99	+·01	49	+4	WSW	3	c	5	0.12	54	45				
	Paris	29.45	43	−	0	r	29.77	+·08	34	−6	S	2	b	*	0.16	45	33				
	Belfort	29.48	43	WSW	4	o	29.71	*	34	+2	WSW	4	s	*	0.04	48	34				
	Lyons	29.51	43	N	1	o	29.89	*	40	0	NW	1	b	*	0.04	44	40				
	Nice	29.56	41	−	0	c	29.73	+·07	41	−3	−	0	c	4	0.28	46	36				
	Perpignan	29.52	48	E	3	o	29.91	+·07	48	+7	NW	4	b	*	0.08	58	46				
	Sanguinaire	*	49	SW	5	r	*	*	50		SW	4	c	6	0.47	54	48				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.72	52	WNW	5	o	30.09	·00	50	0	SSW	3	o	6	−	54	45				
	Madrid...													*							
	Lisbon (9 a.m.) ...	30.16	51	NNW	4	b	30.28	+·02	52	−3	−	0	b	6	−	57	48				
	Gibraltar	30.11	52	NW	6	b	30.13	*	48		NW	5	bw	2	0.08	60	47				
	Rome	29.73	55	S	2	o	29.71	·00	50	+5	SE	1	o	*	0.20	59	50				
	Azores (Horta, 8 a.m.)	30.34	*	SSW	4	c	30.23	−·01	61	+3	WSW	4	o	3	−	66	61				
	Madeira (Funchal) ...	30.29	60	N	3	b	30.29	+·01	58	−2	N	3	c	3	−	64	55				

GALES.

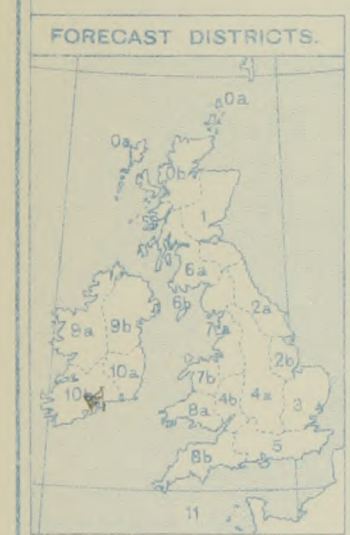
Duration and Extreme Force in British Islands.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.



STORM WARNINGS.

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

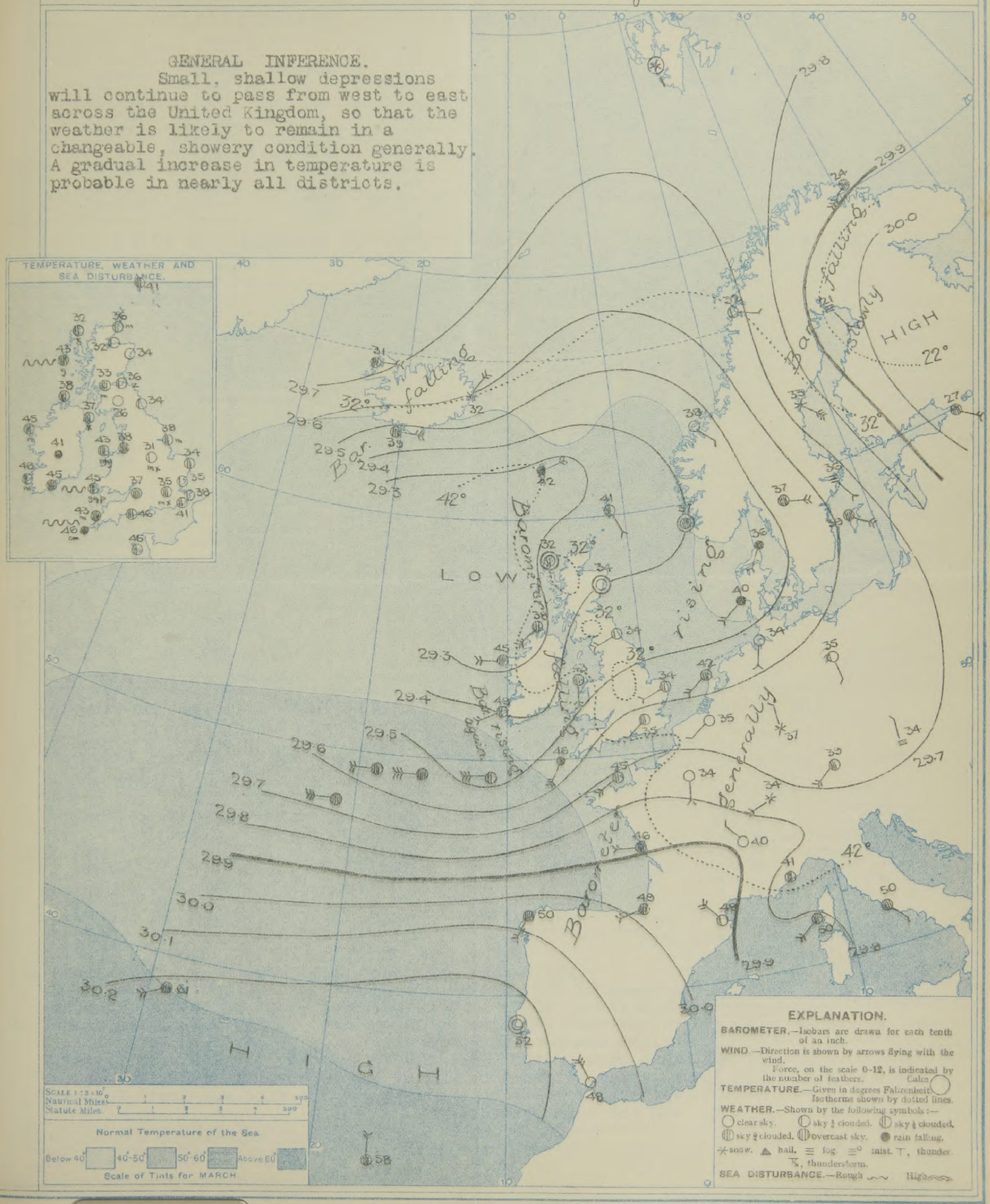
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

SOUTH CONE HOISTED in District 10 at 7.35pm yesterday.

0 a, b, 1	Light winds from between South and West: fine and cold at first, some snow or sleet showers later: rather milder.
2 a, b, 3, 4 a, b, 5	South-Westerly and Westerly winds, light or moderate: changeable, some showers: becoming milder.
6 a	Light South-Easterly to South-Westerly winds: changeable, some snow or sleet showers: rather milder.
6 b, 7 a, b	Same as Nos. 2 to 5.
8 a, b	South-Westerly to Westerly winds, fresh on coast: changeable, some showers, misty in places: becoming milder.
9 a, b, 10 a, b	Westerly and South-Westerly winds, moderate or fresh: changeable, some showers: rather milder.
Western Channel and Bay. 11	Moderate to fresh Westerly and South-Westerly winds and a rather rough sea: mild, changeable, some showers.

FURTHER OUTLOOK. Changeable weather is likely to continue.

SYNOPTIC CHART FOR 7 a.m., Monday, 23rd MARCH, 1914.


GENERAL INFERENCE.
Small, shallow depressions will continue to pass from west to east across the United Kingdom, so that the weather is likely to remain in a changeable, showery condition generally. A gradual increase in temperature is probable in nearly all districts.
TEMPERATURE, WEATHER AND SEA DISTURBANCE.
LOW
HIGH
HIGH
Bar. falling
Bar. rising
Bar. generally
Bar. rising again
Bar. falling again
Bar. falling slowly
Bar. rising
Bar. generally
Bar. rising
Bar. falling
Bar. falling
Bar. falling

DAILY WEATHER REPORT. Monday, 23rd March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
23rd 7am.	48	20	Marquette	O	29.63	-.01	W	6-7	o
" "	48	19	Mesaba	H	29.68	-.02	W	4-5	c
" "	49	15	Philadelphia	H	29.55	.00	W	6-7	o
" "	49	10	Vaderland	O	29.45	-.03	W	6-7	bc
22nd 6pm	52	23	Sardinian	H	29.39	+.03	WNW	8-9	bc
" "	48	23	Mesaba	H	29.80	.00	WNW	4-5	o
" "	50	19	Ausonia	H	29.49	-.07	WNW	8-9	o
22nd 6pm	50	17	Lusitania	O	29.49	-.18	SW	6-7	o
" "	49	17	Marquette	O	29.60	-.02	WSW	6-7	r
" "	50	15	Mauretania	H	29.56	-.12	SW	6-7	r
" "	49	14	Ascania	H	29.72	-.01	WSW	1-3	r
" "	49	12	Philadelphia	H	29.74	+.03	WNW	4-5	c
" 7am	46	26	Mesaba	H	30.02	-.04	SW	4-5	o
" "	52	25	Sardinian	H	29.79	-.10	WSW	4-5	o

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban						
Scotland.	St. Andrews						
Eng. N.E.	Harrogate	–	49	29	b	bc	8.6
Eng. N.E.	Scarborough		47	34	bc	bc	7.2
Eng. N.E.	Skegness	0.01	49	39	b	b	6.2
Eng. N.W.	Morecambe						
Eng. N.W.	Blackpool	–	49	40	c.bc	bc	9.0
Eng. N.W.	Southport	–	47	44	b	b	9.8
Midlands.	Buxton	0.01	46	31	bc.r.bc	bc	8.0
Midlands.	Leamington Spa	–	49	29	c	c	5.5
Midlands.	Malvern	0.02	48	38	b.bcp	p.bc.b	6.2
Wales.	Rhyl	–	46	32	c.bc	bc	8.8
Wales.	Colwyn Bay	–	48	38	bc	bc	8.8
Wales.	Llandudno	–	49	40	b	c.b	7.5
Wales.	Aberystwyth	–	46	35	co.cv	bc.v	8.5
Wales.	Tenby						
England, E.	Lowestoft	T	52	32	bc.b.bc	bc.ctlrq	9.5
England, E.	Felixstowe	0.02	51	31	b.bc	bc.t.u	9.7
England, E.	Walton-on-Naze	0.18	48	33	bm	ctl.bc	7.6
England, E.	Southend-on-Sea	–	52	34	b	b	7.0
England, S.E.	Margate	0.06	51	31	b	b	8.7
England, S.E.	Ramsgate	0.17	48	32	bc	bc	9.1
England, S.E.	Folkestone	–	51	35	b	bcr.c	9.0
England, S.E.	Hythe						
England, S.E.	Littlestone						8.8
England, S.E.	Hastings	–	49	33	b	b	10.0
England, S.E.	Bexhill-on-Sea	–	50	34	b	b	9.1
England, S.E.	Eastbourne	–	49	30	b	bc.b.bc	8.2
England, S.E.	Seaford						
England, S.E.	Brighton	–	50	31	bc	bc.cor	8.6
England, S.E.	Worthing	0.13	52	30	b	bcr.e	7.2
England, S.E.	Littlehampton	0.02					7.3
England, S.E.	Southsea	0.05	51	31	b	bch.cb	8.1
England, S.E.	Ryde	0.02	49	41	b	b	7.5
England, S.E.	Ventnor	Trace	51	37			7.0
England, S.E.	Bournemouth	–	50	30	bc.c	bc	7.0
England, S.W.	Weymouth	0.03	52	33	bc	bc	6.5
England, S.W.	Exmouth						
England, S.W.	Teignmouth	–	52	32	b	b	8.7
England, S.W.	Torquay	–	51	34	b	bc	9.0
England, S.W.	Paignton	–	53	30	b	b	8.5
England, S.W.	Falmouth	–	50	36	bc.b	b	9.8
England, S.W.	Bude	0.02	50	49	bc	bc	8.5
England, S.W.	Ilfracombe	0.02	47	36	g.b	bcph	8.5
England, S.W.	Weston-super-Mare	0.05	48	33	m.bp	bc.b	6.5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	59	86	6.1	50	33	23	0.03	b.bc	bc.rsp	s.rsp
City (Bunhill Row)			1.5							
Westminster (St. James's Pk.)	74	89	4.2	50	31	29	0.02	bc.	rs r	f.mx
Camden Sq. (Brit. Rainfall)	–	87	6.0	52	31	26	–	–	–	
Hampstead (Reservoir)		90	7.3	49	37	?	–	bc	bc	bex.om
Richmond Park			7.2							
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.)	943 Joules	21.5 Milliwatts.	55.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	–	50	33	31	c.bx	bc	bc	
Plymouth to 9 p.m.								
Darwen "								
Manchester "	Trace	48	31		bp	bc	bc	6.0
Birmingham "	0.03	49	33	19		b	cr	6.6
Oxford to 8 p.m.		49	31	22	b	b.bcp	bc.bp	
S. Kensington (Museum Grounds to 6 p.m.)	0.03	50	33	18	bmx	bc.cp	cp.bg	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

23rd & 24th Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.52	12.0	6.8
	5.50	12.0	6.10
Greenwich	5.59	12.7	6.15
	5.57	12.7	6.17
Wick	6.10	12.19	6.27
	6.7	12.19	6.30
Valencia	6.40	12.48	6.56
	6.38	12.48	6.58

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50 deg. or a trifle above it at many of the English and Irish stations, but ground frost occurred at night in most parts of Great Britain. Thunderstorms were experienced in the east of England. The amount of bright sunshine was generally large. Wireless reports show that between the Irish coasts and the 13th meridian ships experienced fresh to strong North-Westerly winds, and fair weather: further to the westward the wind was South-Westerly and the weather overcast.

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.

Tuesday, 24th March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°	°					In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.36	43	SE	3	bc	29.34	·00	42	+1	SE	3	c	2	0.03	45	39	c.o	cp.bc	hc.op	*
	Stornoway	29.24	42	S	3	c	29.24	+·01	35	+3	–	0	bc	0	0.09	45	32	c.oq	orq.c	bcx	?
	Castlebay (Barra Isd.)	29.20	43	SW	2	op	29.18	·00	42	–1	SE	3	bc	3	0.09	46	40	og.op	op	op.bc	0.0
	Glasgow	29.29	43	SW	1	bc	29.22	–·02	34	–9	NE	1	mc	*	0.03	44	32	c.op	op.c	bc.bmx	0.3
	Eskdalemuir ...	29.33	39	S	2	or	29.22	–·02	31	+5	–	0	om	*	0.16	42	26	bxc	o.or.	o	0.2
	Malin Head... ...	29.23	44	SW	2	c	29.17	·00	36	–2	SSW	3	bc	2	0.05	47	36	cq	cp	bcx	*
	Blacksod Point ...	29.23	45	W	5	bcv	29.16	–·02	42	–3	SW	3	bcv	2	0.02	48	38	cm.bcx	bcv	bcp	*
	Valencia	29.30	47	SW	3	cv	29.23	–·01	41	–7	WSW	3	c	5	0.22	49	39	cp	ov	cph	0.8
	Roche's Point ...	29.34	45	WNW	4	o	29.26	*	38	–7	NW	2	b	3	0.21	50	35	c.oq/p	orgp.	c.b	*
	Birr Castle	29.29	44	SW	1	c	29.21	*	34	–7	S	1	c	*	0.04	50	32	cp	cp	ex	1.5
	Donaghadee ...	29.28	47	S	3	bcm	29.21	–·02	35	–2	SW	3	bcmx	2	0.02	50	34	cp	bcm	bcm.bc	*
	Liverpool Obsy. ...	29.29	44	SE	2	o	29.20	–·03	40	+2	SSE	1	cm	1	0.07	46	38	od	op	orm	0.0
	Holyhead	29.33	45	W	2	bc	29.23	–·02	41	–2	NW	1	bc	1	0.10	46	40	om.c	ogm.bc	bcp	0.0
	Pembroke (St. Ann's Hd.)	29.38	46	WSW	5	c	29.20	–·03	43	–2	S	1	cgp	2	0.10	48	42	cgpq	cq	cgq	1.6
	Newquay	29.41	47	SW	3	o	29.23	–·01	44	+1	W	7	cq	6	0.21	51	42	cp	c	bc.cpq	1.0
	Scilly (St. Mary's) ...	29.42	48	W	4	cm	29.27	+·02	42	–4	WNW	7	bcpq	5	0.16	52	41	omr	cm	c.bcpq	1.0
	Jersey (St. Aubin) ...	29.51	49	SSW	4	ogmd	29.33	*	46	+1	SW	5	ocqd	4	0.54	50	43	o.egmr	ogmr	ogr.oq	0.0
	Portland Bill ...	29.41	48	WSW	4	c	29.23	–·02	44	–2	W	2	cr	3	0.35	49	44	c.or	cr	cr	*
	Dungeness	29.51	45	S	5	r	29.31	–·01	43	+2	W	1	c	1	0.75	47	40	c.op	or	rq.or.c	*
	Dover	29.50	44	S	5	or	29.26	*	43	+5	SW	1	cm	2	0.65	46	38	b.bc.c	c.op.r	rg.cm	2.0
	Wick	29.29	43	SSE	5	bc	29.22	–·02	41	+5	SSE	4	orm	3	0.06	44	35	bm.bc	bc	cpm	*
	Nairn	29.26	43	SSE	2	ogm	29.22	*	31	–1	–	0	cm	1	Trace	49	29	bc	cd	bcx	3.5
	Aberdeen	29.34	43	SSE	3	o	29.19	–·03	41	+7	–	0	r	2	0.37	49	34	b	bc.o	orm	7.5
	Leith	29.28	44	SSE	2	o	29.19	–·02	38	+2	W	2	cf	*	–	47	34	o	o.c	o	*
	North Shields ...	29.34	46	SSW	1	r	29.17	–·01	40	+6	NW	3	bc	2	0.17	49	34	c	or	r o.bc	3.1
	Spurn Head ...	29.39	45	S	5	o	29.19	·00	40	+2	WSW	3	c	4	Trace	49	37	bc	c.op	op	4.8
	Yarmouth	29.51	45	S	4	c	29.25	–·03	41	+7	S	2	o	2	0.06	50	33	c	c	or.o	5.3
	Clacton-on-Sea ...	29.51	44	SSE	4	or	29.25	–·02	40	+5	WSW	1	c	1	0.20	47	34	bc.c	c.or	ogr.c	3.0
	Nottingham... ...	29.37	44	W	4	r	29.23	*	34	+3	SW	1	bcm	*	0.07	49	31	bc.o	or	o.c.bc	0.2
	Bath	29.41	47	WSW	3	o	29.24	*	38	+1	E	1	r	*	0.08	49	35	or	r.o	o.cr	0.3
	London (Kew Obsy.)...	29.42	45	SE	2	omd	29.27	–·02	37	+2	–	0	c	*	0.16	49	35	cmccmomr	omr	omd.r.om	0.3
ICELAND, FAEROE, &c.	Spitzbergen	29.65	9	–	0	s	29.60	·00	8	+7	NNW	1	s	*	*	14	0				
	Isafjord...	29.70	31	NE	8	c	29.80	+·02	26		E	5	c	*	*	*	*				
	Reykjavik	29.44	38	ESE	5	b	29.47	+·02	31	–2	ENE	4	c	*	*	*	*				
	Vestmanna	29.33	39	–	0	b	29.37	+·01	38	–1	–	0	c	4	*	*	*				
	Seydisfjord	29.57	32	NE	4	s	29.56	–·02	33	+1	–	0	s	*	*	*	*				
	Thorshavn	29.28	46	–	0	c	29.28	–·01	41	–1	ESE	3	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.90	24	NE	4	bc	29.92	·00	30	+6	S	6	o	3	–	30	12				
	Bodö	29.70	34	E	4	b	29.64	–·01	33	+1	E	4	o	2	–	34	32				
	Christiansund ...	29.49	43	–	0	c	29.54	+·03	39	+1	–	0	b	3	–	45	37				
	Skudesnaes	29.52	39	SSE	4	o	29.51	·00	40	+3	SSE	4	m	2	0.04	45	37				
	Færder (X'iania Fjord)	29.55	37	SE	3	o	29.63	+·04	38	+4	SSE	2	o	1	0.24	38	34				
	The Scaw (Skagen)...	29.54	41	S	4	o	29.65	+·04	39	+3	S	2	o	0	0.08	41	34				
	Blaavands Huk ...	29.59	41	WSW	3	m	29.56	–·01	38	–2	SSE	3	m	2	–	41	36				
	Haparanda	29.99	28	SE	2	f	29.97	+·01	27	+6	SE	4	f	*	Trace	28	21				
	Hernösand	29.81	31	E	2	s	29.87	+·04	33	0	SSE	2	f	*	0.47	34	30				
	Stockholm	29.69	33	ESE	2	o	29.86	+·03	33	–3	ESE	2	f	*	0.20	36	30				
	Wisby	29.71	40	S	2	o	29.86	+·04	31	–8	SE	2	f	*	Trace	43	30				
	Karlstad	29.65	36	–	0	o	29.76	+·06	36	–1	–	0	o	*	–	43	32				
	St. Petersburg ...	30.04	31	ESE	3	b	30.10	+·02	23	–6	E	2	b	*	–	32	23				
CENTRAL EUROPE.	Berlin	29.72	46	W	3	o	29.75	·00	33	–2	S	1	c	*	0.04	52	33				
	Frankfurt	29.81	44	SW	1	bc	29.65	–·06	37	0	SE	2	m	*	0.20	50	36				
	Munich	29.91	37	SW	4	c	29.76	–·05	33	–6	SE	4	b	*	0.08	46	28				
	Vienna	29.79	40	N	1	bc	29.82	+·01	39	+5	W	2	b	*	0.04	46	37				
	Cuxhaven	29.68	39	W	1	b	29.57	–·02	37	+3	SSE	3	bx	0	–	48	34				
	The Helder	29.62	43	S	2	b	29.32	–·07	42	0	SSE	4	r	1	0.08	46	41				
	Brussels	29.65	45	SW	5	r	29.34	–·09	43	+8	SSE	3	r	*	0.08	52	35				
FRANCE.	C. Gris Nez... ...	29.54	44	S	6	r	29.28	·00	44	+2	W	1	o	2	0.63	48	41				
	La Hève	29.54	45	S	5	o	29.34	*	44	+3	SW	4	o	4	0.04	46	39				
	Ushant...	29.49	51	W	3	c	29.42	*	?	?	NW	5	c	4	0.35	51	41				
	Brest (St. Mathieu) ...	29.53	48	W	3	f	29.42	+·01	46	0	WNW	5	c	4	0.20	52	45				
	Rochefort (Ile d' Aix)	29.76	50	SW	5	o	29.57	+·05	47	+1	WSW	5	r	*	0.47	52	45				
	Biarritz	29.87	52	E	3	o	29.76	+·03	52	+3	W	3	r	4	0.16	59	50				
	Paris	29.72	45	SSW	4	r	29.37	–·04	46	+12	SSW	3	o	*	0.24	53	34				
	Belfort	29.91	41	WSW	6	c	29.65	*	35	+1	ENE	4	o	*	0.04	46	34				
	Lyons	29.95	43	SE	1	b	29.69	*	42	+2	S	5	o	*	0.08	51	39				
	Nice	29.79	45	-	0	b	29.81	·00	43	+2	–	0	o	2	–	57	39				
	Perpignan	29.92	54	S	2	b	29.79	–·01	43	–5	SW	1	o	*	–	60	41				
	Sanguinaire	*	54	W	5	bc	*	*	52	+2	E	2	o	5	–	54	45				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.96	54	SSW	5	o	29.83	·00	52	+2	SSW	5	o	6	0.16	57	48				
	Madrid	30.03	54	W	1	bc	30.02	+·01	45	+3	WSW	2	o	*	–	55	41				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.15	53	NW	6	b	30.14	*	53	+1	NW	5	b	1	–	62	47				
	Rome	29.82	34	NE	1	o	29.87	?	44	–9	N	1	b	*	0.16	59	41				
	Azores (Horta, 8 a.m.)	30.22	*	SW	5	o	30.16	+·01	62	+1	SW	4	o	4	0.08	66	61				
	Madeira (Funchal) ...	30.30	58	N	2	b	30.31	+·02	57	–1	N	2	o	2	–	64	55				

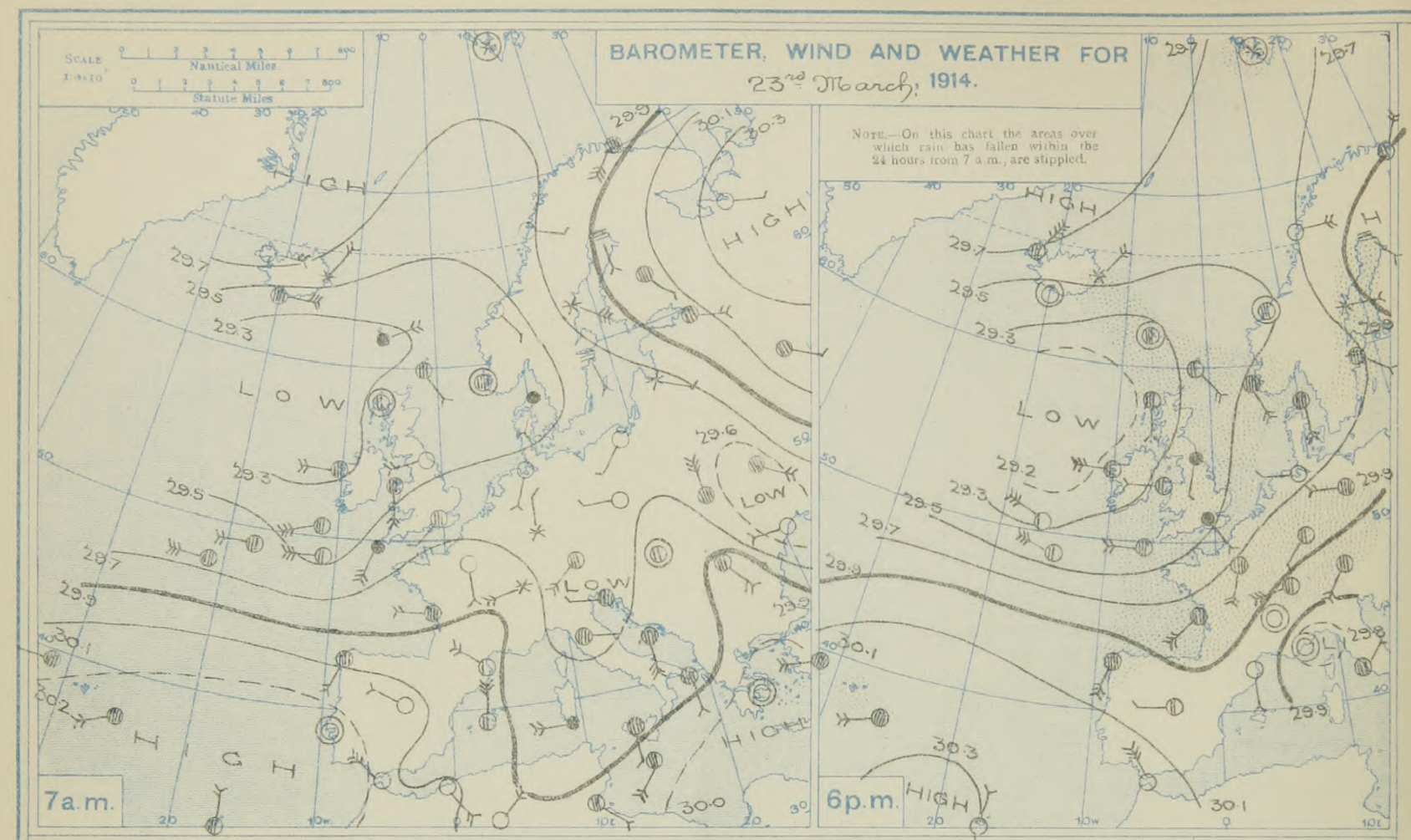
GALES.

Duration and Extreme Force in British Islands.

Scilly
6am. squalls W.N.W. 8.

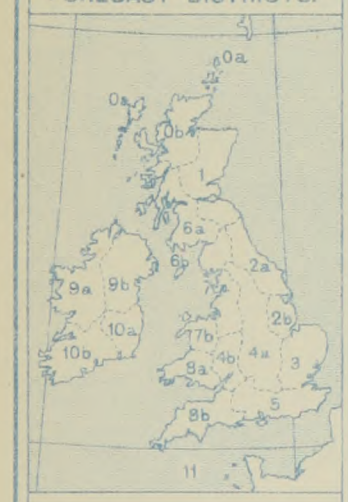
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

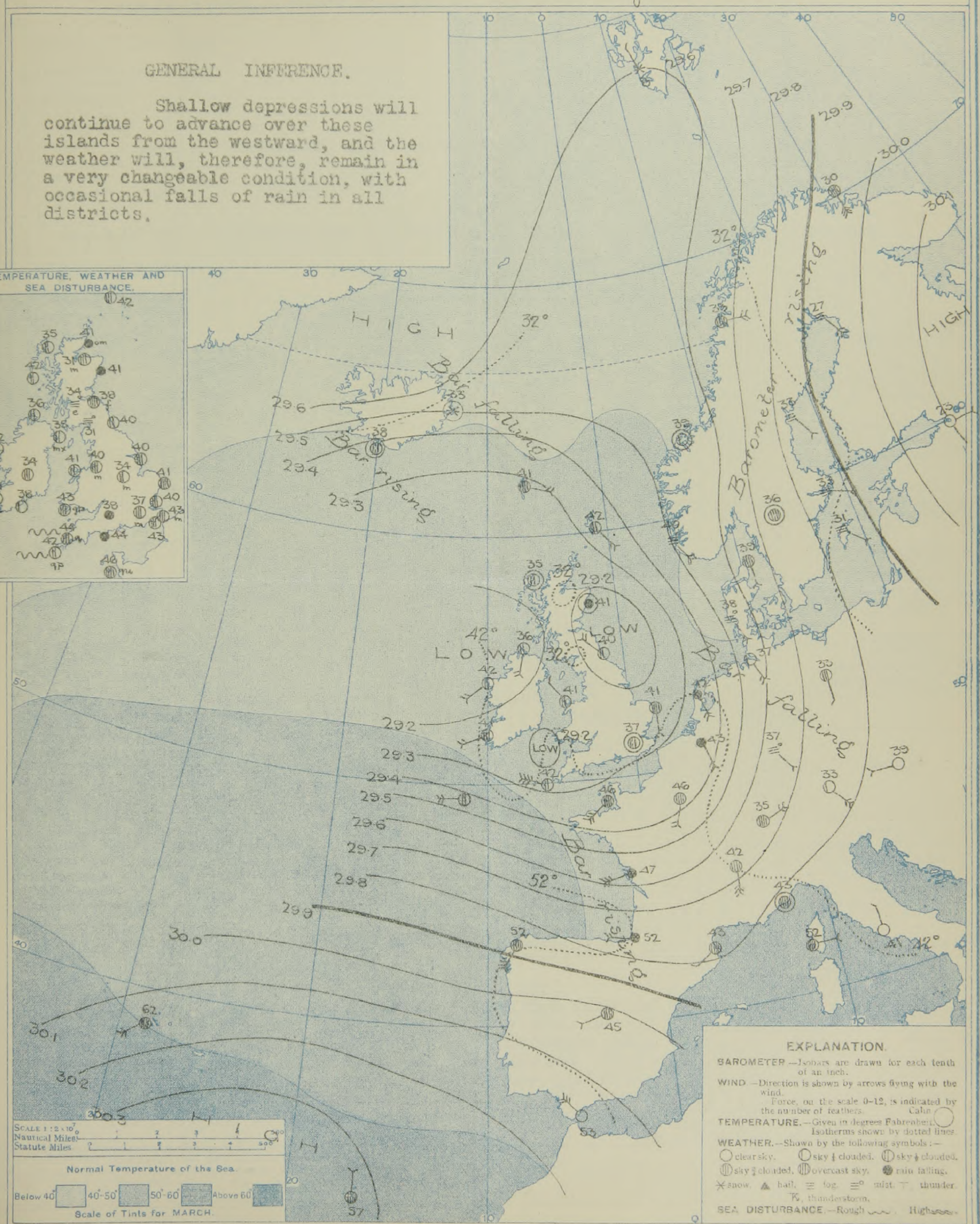
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b	South-Easterly winds, light or moderate: changeable, occasional rain, some fine intervals. Rather cold.
1, 2 a, b	Light variable breezes: changeable, occasional rain, fog or mist locally, some fine intervals. Rather cold.
3, 4 a, b, 5	Westerly and South-Westerly winds, light or moderate: changeable, occasional rain, some fine intervals. Rather cold.
6 a, b	Same as No. 0.
7 a, b	Same as Nos. 1 and 2.
8 a, b	Westerly to South-Westerly winds, strong on coast: changeable, showery, some fine intervals. Rather cold.
9 a, b, 10 a, b	Light to moderate breezes from between South and West: changeable, occasional rain, some fine intervals. Rather cold.
Western Channel and Bay. 11	Strong Westerly to South-Westerly winds and a rough sea: squally, showery: Normal temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 24th MARCH, 1914.



DAILY WEATHER REPORT. Tuesday, 24th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
24th 7am.	49	11	Mesaba	H	29.46	-.04	W	4-5	bc
23rd 6pm.	50	15	Mongolian	O	29.27	-.03	WNW	6-7	b.
" "	49	15	Mesaba	H	29.56	-.01	WNW	4-5	bc
" "	49	14	Vaderland	O	29.42	-.02	W	4-5	c

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
23rd 6pm	49	14	Minnetonka	O	29.35	-.11	WNW	6-7	bc
" 7am.	48	21	Montreal	O	29.53	-.01	W	8-9	o
" "	50	17	Megantic	O	29.45	-.05	SW	4-5	?
" "	50	11	Mongolian	O	29.37	+.04	WSW	6-7	c

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban	0.05	48	33	bc.cp	cp.bc	0.0
Scotland	St. Andrews	0.04	47	29	*	*	3.8
Eng., N.E.	Harrogate	0.02	46	33	b.bc.c.o	od	2.1
Eng., N.E.	Scarborough	*	49	35	o.c	o.c	6.6
Eng., N.E.	Skegness	0.01	47	42	bc	bc.r	3.3
Eng., N.W.	Morecambe	0.06	47	43	o	or	0.0
Eng., N.W.	Blackpool	0.06	46	34	c.o	or	0.0
Eng., N.W.	Southport	0.05	46	36	c.o	or.o	0.0
Mid. lands	Buxton	0.10	44	33	bc	bc	0.1
Mid. lands	Leamington Spa	0.09	48	32	bc.or	bc.or	0.2
Mid. lands	Malvern	0.10	47	41	or	r.bc	0.7
Wales	Rhyl	0.03	48	33	or	r.o	0.0
Wales	Colwyn Bay	0.04	49	38	p	c.o	0.5
Wales	Llandudno	0.04	48	40	op	o	0.0
Wales	Aberystwyth	0.02	48	39	r.o.c	c.o	0.1
Wales	Tenby	0.12	49	44	r.bc	bc.o	2.0
England, E.	Lowestoft	0.01	50	34	bc	bc.c.or	5.4
England, E.	Felixstowe	0.01	48	34	b.bc	c.op	4.6
England, E.	Walton-on-Naze	0.02	46	34	bcm.o	o.cd.o	3.7
England, E.	Southend-on-Sea	-	49	33	b.bc.o	o	1.2

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	-	49	34	b.bc	cp	2.7
England, S.E.	Ramsgate	-	46	31	b.bc.c	c	2.7
England, S.E.	Folkestone	0.07	47	35	bc.o	r.or	1.3
England, S.E.	Hythe	0.07	48	29	bc.o	or	1.0
England, S.E.	Littlestone	*	*	*	*	*	1.0
England, S.E.	Hastings	0.22	47	34	op.bc.o	or	0.6
England, S.E.	Bexhill-on-Sea	0.18	48	34	c.bc.c	or	0.7
England, S.E.	Eastbourne	0.13	48	36	bc	orq	0.5
England, S.E.	Seaford	0.13	48	34	o	r	0.3
England, S.E.	Brighton	0.18	47	36	o.or	or	0.0
England, S.E.	Worthing	0.22	48	33	c	r	0.2
England, S.E.	Littlehampton	0.14	*	*	*	*	0.3
England, S.E.	Southsea	0.16	49	36	c.bc.r	e	0.5
England, S.E.	Ryde	0.09	49	43	c	c.r	0.5
England, S.E.	Ventnor	0.14	51	38	*	*	0.7
England, S.E.	Bournemouth	0.21	49	35	bc.or	o	2.1
England, S.W.	Weymouth	0.11	51	33	or	t.c	0.3
England, S.W.	Exmouth	-	49	37	c.bc	c	0.5
England, S.W.	Teignmouth	0.09	53	39	c.or	c	0.2
England, S.W.	Torquay	0.19	51	37	or	o	0.1
England, S.W.	Paignton	0.11	53	34	or	o	0.3
England, S.W.	Falmouth	0.21	51	40	or	o	0.4
England, S.W.	Bude	0.02	52	42	r.c.bc	c	1.5
England, S.W.	Ilfracombe	0.12	51	42	r.o.c.bc	bc.c	2.1
England, S.W.	Weston-super-Mare	0.13	49	40	br.bc	bc	1.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	86	74	1.0	50	35	28	0.08	or	or	or.c.b
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	93	75	0.1	49	36	33	0.09	r	r	r.b
Camden Sq. (Brit. Rainfall)	91	82	0.0	49	36	29	0.17	o	od.or	*
Hampstead (Reservoir)	*	77	0.2	47	37	*	0.16	bc.o	or	or.bc.o
Richmond Park	*	*	0.3							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	84	66	0.0	52.2						

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
522 Joules	11.8 Milliwatts.	36.5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.05	53	37	34	bc.or	r.o.c	bc	-
Plymouth to 9 p.m.	0.24	52	35	31	b	or	o	0.4
Darwen "	0.15	44	34	30	c.og	bcq.o	or	0.2
Manchester "	0.06	47	34	*	bgc	o.c	o.or.o	0.0
Birmingham "	0.13	45	35	31	*	o	or	0.0
Oxford to 8 p.m.	*	48	34	26	op.b.o	o.cm.or	or.o	*
S. Kensington (Museum Grounds to 6 p.m.)	0.08	49	34	22	bc.c.o	o.or	or.od	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

24th & 25th Mar 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.50	12.0	6.10
	5.48	11.59	6.11
Greenwich	5.57	12.7	6.17
	5.54	12.6	6.18
Wick	6.7	12.19	6.30
	6.4	12.18	6.33
Valencia	6.38	12.48	6.58
	6.35	12.47	6.59

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 45 deg. and 50 deg over the United Kingdom generally, and to a trifle above 50 deg. at some of our south coast stations. Ground frost was again experienced at night in most places. The amount of bright sunshine was small, rain was again experienced generally, and thunder was heard at Weymouth. Wireless reports show that as far west as the 21st meridian ships experienced strong to high winds from the Westward, with cloudy changeable 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 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 25th March 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.26	43	ESE	7	r	29.31	+.02	43	+1	ESE	9	orq	6	0.63	45	41	c.o.c	orq	orq	*
	Stornoway	29.21	44	S	2	bc	29.21	.00	33	−2	–	0	bx	0	–	49	30	bc	bc	bc.bx	?
	Castlebay (Barra Isd.)	29.17	44	S	3	bc	29.14	−.01	41	−1	ESE	4	b	4	Trace	46	39	bc.b	bc	bc.b	8.9
	Glasgow	29.16	44	WNW	1	bc	29.18	−.01	36	+2	E	1	om	*	–	49	34	m.c.bc.b	b	b.og	6.8
	Eskdalemuir ...	29.18	42	–	0	o	29.17	−.01	36	+5	N	2	o	*	Trace	49	30	om.c	o.c.o	o	2.1
	Malin Head... ...	29.15	46	N	2	b	29.08	−.05	36	0	ESE	4	bc	3	–	50	34	bc	bc	bcx	*
	Blacksod Point ...	29.14	46	SW	4	b	28.96	−.09	41	−1	S	6	cv	4	0.12	47	39	bv	bv.p	bcp	*
	Valencia	29.18	46	SSW	1	b	28.92	−.10	44	+3	SSE	3	om	4	0.28	49	38	bcv	bv	c.or	6.9
	Roche's Point ...	29.22	44	WSW	1	bc	29.02	*	46	+8	S	5	o	5	0.11	48	37	bc.cp	cph.bc	cp.op	*
	Birr Castle	29.17	42	W	1	bc	29.03	*	36	+2	SE	1	c	*	0.10	48	31	c	cph.bc	cx	6.3
	Donaghadee ...	29.19	45	S	2	bcm	29.15	−.02	31	−4	W	2	bmx	2	–	47	31	bcm	bcm	bcmx	*
	Liverpool Obsy. ...	29.19	42	WNW	2	o	29.16	−.03	37	−3	WSW	2	b	1	0.02	46	36	cm	bcp	bc	1.1
	Holyhead	29.22	44	NW	1	cg	29.17	−.04	38	−3	SW	2	bcx	1	–	46	27	bcp.c	cm	bx.c.b	2.2
	Pembroke (St. Ann's Hd.)	29.24	44	WNW	3	c	29.17	−.04	44	+1	SSW	2	cg	2	0.55	44	32	cpg	c	bc	3.9
	Newquay	29.25	45	WSW	2	bc	29.14	−.04	41	−3	W	2	o	3	0.05	48	35	bc.cp.b	bv	bc.op	8.6
	Scilly (St. Mary's) ...	29.25	46	W	3	bc	29.16	−.07	45	+3	S	4	or	4	0.06	50	41	bcq.p	bcv	cp.bc.c	8.0
	Jersey (St. Aubin) ...	29.35	46	WSW	3	c	29.30	*	43	−3	SW	3	o	3	0.14	51	41	cq.h.r.b	b	c.ogp	6.3
	Portland Bill ...	29.26	47	W	5	c	29.24	−.01	45	+1	WSW	2	bc	3	Trace	48	42	r.c.bc	bc.c	bc	*
	Dungeness	29.26	47	WSW	5	bcq	29.26	.00	38	−5	SW	2	bc	2	Trace	49	37	bcp	bcq	bc	*
	Dover	29.25	44	SW	4	bc	29.23	*	42	−1	–	0	bm	2	0.01	49	35	bc.b	b.bcp.b	bcm.b	7.7
	Wick	29.15	40	–	0	c	29.18	−.01	33	−8	W	2	cm	4	0.39	43	32	orm	or.cdm	cd.o.cm	*
	Nairn	29.15	44	–	0	bcm	29.21	*	28	−3	–	0	bcm	0	–	48	27	om	bc	bcx	3.5
	Aberdeen	29.16	43	NW	1	b	29.19	−.01	35	−6	NW	3	o	2	0.20	45	33	or	o.bc.b	bmv.o	2.1
	Leith	29.14	48	WSW	1	bc	29.17	−.01	39	+1	SE	1	oy	*	–	50	36	gz.bcg	b.bcg	bcg	*
	North Shields ...	29.14	43	ESE	2	c	29.15	−.01	39	−1	WNW	2	o	2	Trace	50	37	bc	c	o.c	6.8
	Spurn Head ...	29.16	44	S	2	bcm	29.14	−.01	41	+1	W	1	bcf	2	–	49	37	cm	bcm	bc	1.5
	Yarmouth	29.20	46	S	2	bcp	29.17	−.02	40	−1	WSW	2	cm	1	–	54	39	bc	bcp	bc.c	3.9
	Clacton-on-Sea ...	29.20	45	SSE	2	bc	29.22	.00	38	−2	WSW	2	bc	1	Trace	50	38	c.bc	bc.c.bc	cp.o.bc	5.8
	Nottingham... ...	29.17	44	SSW	1	r	29.17	*	37	+3	SW	2	orm	*	0.11	49	34	bc.om	orm	rm.ol	0.7
	Bath	29.23	43	W	3	o	29.23	*	30	−8	W	1	b	*	0.10	50	28	r.o	o.cg	or.mx.b	2.7
	London (Kew Obsy.)...	29.22	44	–	0	bc	29.24	.00	36	−1	SW	1	bmx	*	0.06	50	35	cm.bc.m.om	om.crh.bc	bc.o.bmx	3.4
ICELAND, FAEROE, &c.	Spitzbergen	29.88	−9	–	0	b	30.02	+.04	−29	−37	SE	1	b	*	*	11	−31				
	Isafjord...	29.80	24	NE	7	o	29.93	+.01	17	−9	N	8	c	*	*	*	*				
	Reykjavik	29.49	35	NE	4	b	29.54	+.02	29	−2	NNE	8	bc	*	*	*	*				
	Vestmanna	29.37	40	N	2	b	29.44	+.02	37	−1	–	0	b	3	*	*	*				
	Seydisfjord	29.60	33	NE	3	s	29.71	+.03	26	−7	NE	3	s	*	*	*	*				
	Thorshavn	29.30	43	ESE	4	o	29.22	+.03	42	+1	ESE	3	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.88	32	SW	8	o	29.99	+.01	31	+1	SW	4	bc	3	–	32	21				
	Bodö	29.78	39	ESE	1	bc	29.77	−.01	39	+6	E	2	b	2	–	41	32				
	Christiansund ...	29.62	41	–	0	b	29.54	+.01	40	+1	–	0	b	3	–	46	39				
	Skudesnaes	29.49	41	SE	3	c	29.45	.00	41	+1	ESE	6	c	3	–	46	39				
	Færder (X'iania Fjord)	29.69	38	NE	2	o	29.65	−.01	35	−3	E	5	o	2	0.04	39	34				
	The Scaw (Skagen)...	29.60	42	SE	5	bc	29.55	−.01	37	−2	ESE	6	o	2	–	43	36				
	Blaavands Huk ...	29.38	42	ESE	5	m	29.32	−.01	41	+3	ESE	4	r	3	0.04	50	36				
	Haparanda	30.04	30	S	2	o	30.06	+.01	18	−9	S	2	b	*	–	30	18				
	Hernösand	29.97	32	–	0	f	29.91	−.01	33	0	–	0	b	*	0.04	36	30				
	Stockholm	29.87	33	ENE	2	o	29.74	−.02	34	+1	E	4	bc	*	0.04	36	32				
	Wisby	29.80	34	SE	2	o	29.63	−.02	35	+4	E	4	bc	*	Trace	41	30				
	Karlstad	29.77	37	E	2	bc	29.72	−.02	33	−3	–	0	o	*	–	43	30				
	St. Petersburg ...	30.06	?	E	2	b	30.02	−.01	19	−4	E	2	b	*	–	?	18				
CENTRAL EUROPE.	Berlin	29.53	48	SE	3	c	29.35	−.03	42	+9	S	1	o	*	0.16	54	41				
	Frankfurt	29.44	44	SW	1	o	29.39	−.03	39	+2	–	0	m	*	0.16	45	37				
	Munich	29.54	43	E	2	c	29.44	−.05	37	+4	SE	4	bc	*	0.16	50	34				
	Vienna	29.54	46	S	1	o	29.50	−.02	37	−2	NNW	1	c	*	–	52	36				
	Cuxhaven	29.37	43	S	4	r	29.28	−.01	41	+4	SE	2	m	0	0.04	52	37				
	The Helder	29.24	42	S	1	bc	29.21	−.01	43	+1	S	3	bc	2	0.12	45	39				
	Brussels	29.32	43	WSW	2	r	29.28	−.01	37	−6	S	1	o	*	0.16	48	34				
FRANCE.	C. Gris Nez... ...	29.24	46	SW	6	bc	29.23	−.01	43	−1	W	4	bc	3	0.12	50	41				
	La Hêve	29.36	45	WSW	4	b	29.32	*	41	−3	WSW	3	o	3	0.28	48	39				
	Ushant...	29.30	46	SW	3	c	29.26	*	48	0	SSW	3	f	5	0.08	48	41				
	Brest (St. Mathieu) ...	29.34	46	WSW	3	o	29.30	−.02	47	+1	S	3	f	3	0.12	52	45				
	Rochefort (Ile d' Aix)	29.49	48	SSW	4	r	29.44	+.04	49	+2	NW	6	r	*	0.55	52	46				
	Biarritz	29.57	51	ESE	2	o	29.60	+.05	55	+3	WSW	4	o	6	0.39	55	51				
	Paris	29.41	46	SSW	3	b	29.31	+.02	42	−4	S	1	o	*	0.20	53	41				
	Belfort	29.58	39	WSW	7	r	29.38	*	36	+1	–	0	r	*	0.51	42	33				
	Lyons	29.65	47	SW	2	o	29.37	*	44	+2	S	1	o	*	0.32	50	42				
	Nice	29.70	47	–	0	c	29.40	−.15	46	+3	–	0	c	3	0.39	54	43				
	Perpignan	29.72	53	SW	2	o	29.48	+.01	59	+16	NW	6	b	*	0.04	62	43				
	Sanguinaire	*	54	SW	5	o	*	*	52	0	SW	5	f	5	0.24	54	48				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.75	54	SSW	6	o	29.78	.00	56	+4	SW	3	o	6	0.12	59	50				
	Madrid...	29.86	53	W	4	o	29.89	+.04	52	+7	SW	1	o	*	0.04	54	45				
	Lisbon (9 a.m.) ...	30.05	56	WSW	5	r	30.06	+.02	58	+2	WSW	4	o	6	0.12	59	55				
	Gibraltar							*													
	Rome	29.87	52	S	1	c	29.63	+.05	54	+13	S	1	o	*	Trace	59	41				
	Azores (Horta, 8 a.m.)	30.15	*	SW	5	o	30.14	−.02	60	−2	SSW	3	f	2	0.04	64	59				
	Madeira (Funchal) ...	30.32	60	NW	1	b	30.32	+.02	59	+2	NW	1	o	1	–	64	57				

GALES.

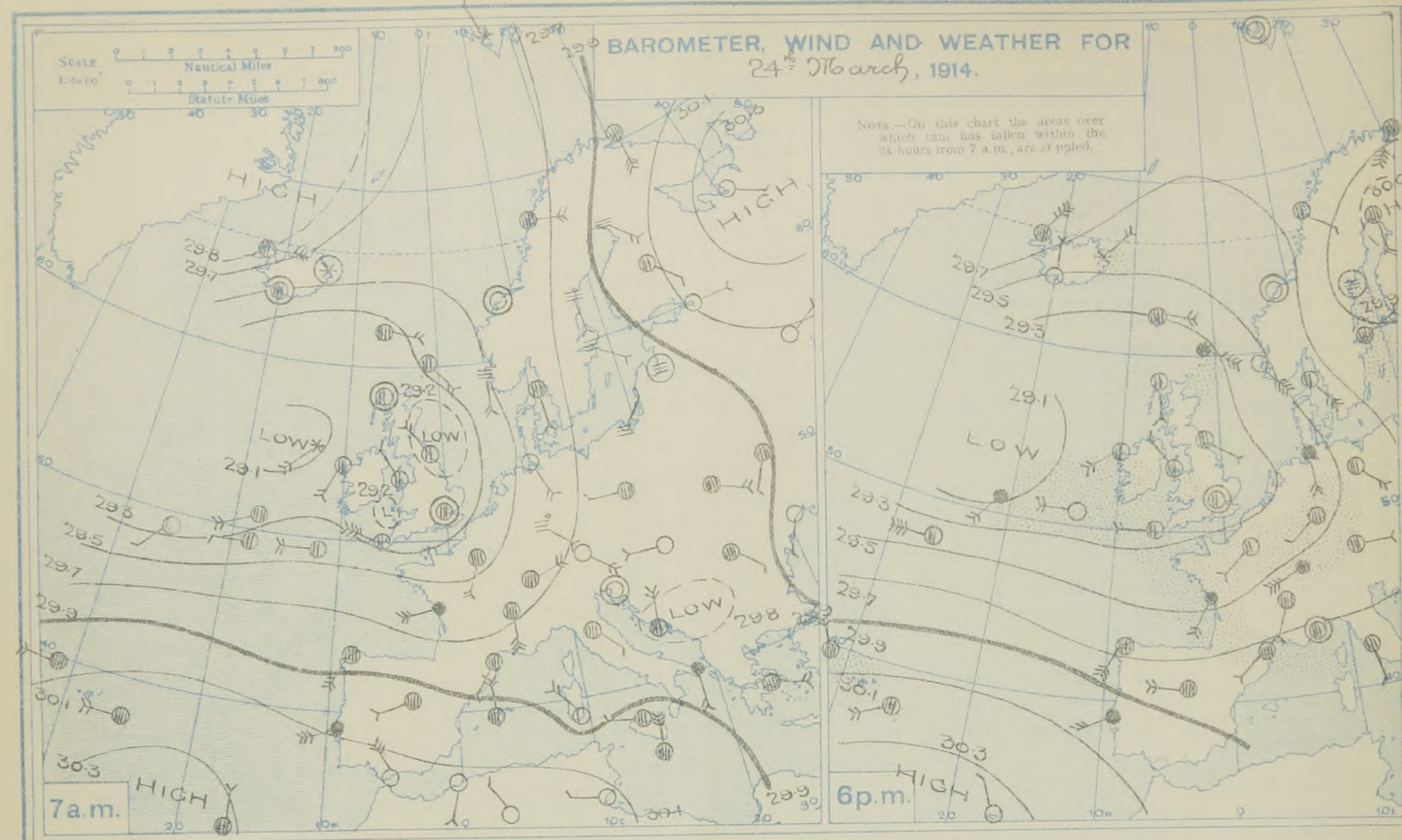
Duration and Extreme Force in British Islands.

Lerwick.
8pm. – 7am. ESE. 9.

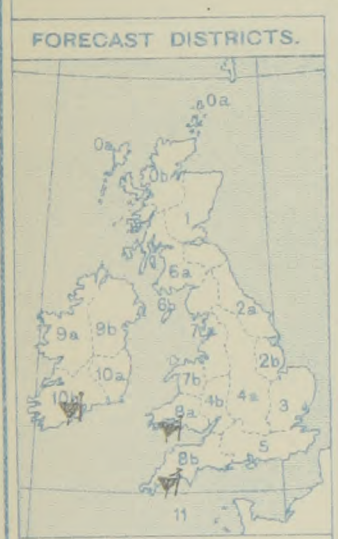
Scilly
9am – 10am. gusts. 45 mph.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



STORM WARNINGS.

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

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

SOUTH CONE HOISTED IN DISTRICTS 8 & 10. AT 8·40 A.M. TO-DAY.

0 a, b — Variable breezes, finally South-Easterly: fair to-day, some snow or sleet to-morrow. Remaining cold.

1

2 a, b

3 — Wind backing to the Southward and freshening: fine to-day, some rain to-night or to-morrow. Moderate temperature.

4 a, b

5

6 a, b — South-Easterly winds, freshening: fair at first, some rain or sleet later. Remaining cold.

7 a, b

8 a, b — Southerly to South-Westerly winds, increasing to a gale: dull and rainy to-day, improving temporarily later. Moderate temperature.

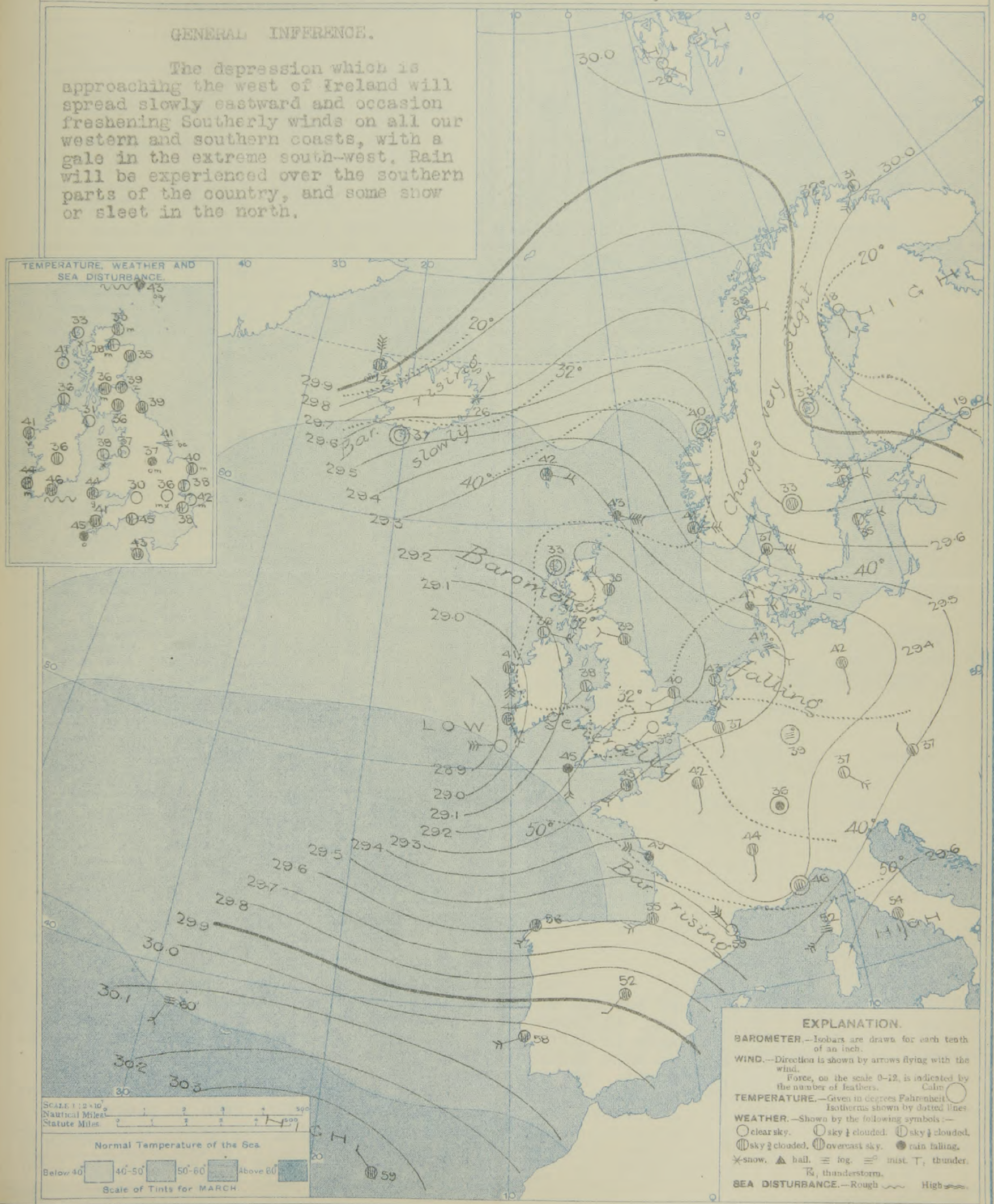
9 a, b — Same as Nos. 6 and 7.

10 a, b — Same as No. 8.

Western Channel and Bay. 11 — Strong South-Westerly winds and a rough sea: dull, unsettled, some rain, mist or fog locally: moderate temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Wednesday, 25th MARCH, 1914.



DAILY WEATHER REPORT. Wednesday, 25th March 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).			°	°			In.	In.		(0-12).	
25th 7am.	51	10	Merion	H	28.90	+.03	W	6-7	b	24th 7am.	47	27	Philadelphia	O	29.29	-.06	S	4-5	r
24th 6pm	47	25	Finland	H	29.43	.00	W	8.9	c	" "	49	25	Megantic	O	29.31	-.04	W	6-7	o
" "	48	22	Minnetonka	O	29.17	+.03	WSW	6-7	bc	" "	49	25	Victorian	H	29.28	-.05	SW	1-3	bc
" "	50	20	Victorian	H	29.07	-.06	SW	4-5	r	" "	52	22	Tyrolia	O	29.11	+.01	WNW	6-7	c
" "	50	14	Merion	H	29.12	.00	W	4-5	b	" "	49	20	Mongolian	O	28.99	-.10	W	6-7	c
" "	55	12	Laconia	O	29.23	-.01	W	4-5	o	" "	49	18	Minnetonka	O	29.29	-.04	W	4-5	r
" 1pm.	55	10	Sardinian	H	29.17	+.02	S	4-5	c	" "	50	18	Mongolian	O	29.22	.00	WNW	6-7	c

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.02	47	34	b.bc	b	9.0
Scotland.	St. Andrews	0.11	52	35	*	*	7.7
Eng. N.E.	Harrogate	0.22	48	34	b.bc.co	op	3.5
Eng. N.E.	Scarborough	*	49	42	oe.	o	2.0
Eng. N.E.	Skegness	0.02	52	42	bc	b	3.2
Eng. N.W.	Morecambe	0.10	46	39	o.bc	b	4.4
Eng. N.W.	Blackpool	0.06	49	39	cr.c	bc.c	3.4
Eng. N.W.	Southport	0.03	46	38	o.c	c.bc.c	2.0
Mid-lands.	Buxton	0.16	45	34	cr	c.o	0.8
Mid-lands.	Leamington Spa	0.03	48	32	o	o	0.1
Mid-lands.	Malvern	0.26	45	39	or	p.o	0.1
Wales.	Rhyl	-	48	38			0.9
Wales.	Colwyn Bay	-	46	41	c	c.s	0.5
Wales.	Llandudno	0.03	48	44	o	o	1.5
Wales.	Aberystwyth	0.17	44	41	c.o	o.c.o	0.1
Wales.	Tenby	0.32	46	40	r.bc	bc	2.5
England, E.	Lowestoft	0.09	54	42	c.bc.c	c.op.c	4.2
England, E.	Felixstowe	0.13	50	40	bc.bm	bf.c	6.5
England, E.	Walton-on-Naze	0.24	49	39	bcm.bc	bc.o.cq	6.4
England, E.	Southend-on-Sea	0.10	53	33	bc	o.bc.o	5.8
England, S.E.	Margate	0.52	50	39	b.bc		5.1
England, S.E.	Ramsgate	0.52	52	39	b.bc	bc.c	5.6
England, S.E.	Folkestone	0.61	51	41	b.bc	or.bc	6.7
England, S.E.	Hythe	0.68	55	38	f.c.b.p	b	6.9
England, S.E.	Littlestone	*	*	*	*	*	6.6
England, S.E.	Hastings	0.71	51	41	or.bc	bc.b	6.5
England, S.E.	Bexhill-on-Sea	0.69	49	41	bc	c.o	6.5
England, S.E.	Eastbourne	0.76	49	40	bc.b	b	7.3
England, S.E.	Seaford	0.35	49	38	r.c	b	6.0
England, S.E.	Brighton	0.16	49	40	m.b.bcp	bc.c.bc	5.5
England, S.E.	Worthing	0.07	50	38	r.c	bc	4.8
England, S.E.	Littlehampton	0.08	*	*	*	*	5.1
England, S.E.	Southsea	0.02	51	36	r.bc	bcp.bc	5.8
England, S.E.	Ryde	0.02	50	42	bc	bc	6.5
England, S.E.	Ventnor	0.06	49	39	*		5.2
England, S.E.	Bournemouth	0.12	51	35	r.c	bc.b	5.0
England, S.W.	Weymouth	0.20	50	37	bc	bcp.bc	6.6
England, S.W.	Exmouth	0.21	50	39	bc.b	b	7.5
England, S.W.	Teignmouth	0.18	52	40	cp.bc	bc	9.0
England, S.W.	Torquay	0.19	50	39	bc	bc	8.3
England, S.W.	Paignton	0.26	51	38	bc.b	b.bc	8.6
England, S.W.	Falmouth	0.15	51	41	bc.h	b.bc	8.2
England, S.W.	Bude	0.22	50	41	r.op.bc	bcp	4.3
England, S.W.	Ilfracombe	0.26	46	41	op.o	o.c.bc	1.7
England, S.W.	Weston-super-Mare	0.08	47	40	cr.b	bc.b.c	3.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	74	75	4.8	53	35	26	0.02	c.bc	bcp	c.bx
City (Bunhill Row)	*	*	1.9	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	78	83	2.9	52	35	33	0.02	r.bc	bc	b
Camden Sq. (Brit. Rainfall)	71	83	2.1	53	34	28	0.06	bm.bc	c.po	*
Hampstead (Reservoir)	*	87	2.7	50	33	*	0.09	bc.or	bc.or	i
Richmond Park	*	*	3.3							
Kew. (See front page.)										

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	82.0 Joules	18.5 Milliwatts.	60.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.10	49	35	33	r.o.bc	bc	bc	*
Plymouth to 9 p.m.	0.19	51	41	37	bc	bc	bc	8.0
Darwen ,,	0.05	45	36	34	op.e	ou.b	bc.or	0.2
Manchester ,,	0.16	49	39	*	o.c	c.bc	c.or	0.6
Birmingham ,,	0.01	47	34	34	*	o	o	0.3
Oxford to 8 p.m.	*	49	37	29	bm.c	c.or	or.cu	*
S. Kensington (Museum Grounds to 6 p.m.)	0.04	52	39	29	bx	opm.c	cgbon	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

25th & 26th Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.48	11.59	6.11
	5.45	11.59	6.13
Greenwich	5.54	12.6	6.18
	5.52	12.6	6.20
Wick	6.4	12.18	6.33
	6.1	12.18	6.36
Valencia	6.35	12.47	6.59
	6.33	12.47	7.1

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50 deg. or a trifle above it at several of the English and Irish stations, and reached 55 deg. at Hythe. The amount of bright sunshine varied considerably in different localities. Showers were again experienced in most districts, and lightning occurred at Nottingham at night. Wireless reports show that as far west as the 25th meridian ships experienced moderate to strong winds from West or South-West, with changeable weather, rain in places.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. Thursday 26th March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.				In.	In.	F.						In.	F.	F.				Hours.
BRITISH ISLANDS.	Lerwick	29.37	41	ESE	9	orq	29.49	+.05	39	−4	SSE	3	bc	3	0.05	43	37	cq	oqp	orq.bc	*
	Stornoway	29.16	44	ME	4	bc	29.29	+.08	43	+10	SE	4	o	3	Trace	47	33	b	b.bc	bc.o	?
	Castlebay (Barra Isd.)	29.07	45	N	3	b	29.25	+.06	39	−2	–	o	bc	3	–	47	38	b	b	bc	10.3
	Glasgow	29.06	44	E	1	c	29.23	+.08	39	+3	NE	2	c	*	–	48	35	m.o.c	c.bc.c	c.o.c	2.5
	Eskdalemuir ...	29.07	40	ENE	3	o	29.26	+.06	37	+1	NE	3	o	*	0.03	43	35	o	o	o.c	0.0
	Malin Head... ...	29.02	43	ESE	4	bc	29.23	+.05	41	+5	SE	1	m	o	0.08	47	34	om	bcm	cmr	*
	Blacksod Point ...	28.94	45	E	6	cg	29.24	+.07	38	−3	–	o	bc	2	0.01	46	35	ogp	cg	cg.bcx	*
	Valencia	28.93	47	WNW	3	cp	29.25	+.09	43	−1	WNW	3	rm	4	0.40	49	42	bcph	cp	cm	2.4
	Roche's Point ...	28.89	44	E	1	o	29.22	*	42	−4	N	3	c	3	0.29	49	40	cp	cp.og	cp.c	*
	Birr Castle	28.91	43	SE	1	c	29.23	*	39	−3	E	1	c	*	0.7	45	33	c.orc	c	cx	0.8
	Donaghadee ...	29.01	43	E	3	bc	29.23	+.06	43	+12	E	3	cm	2	0.04	48	30	bc	bc	bc.orm	*
	Liverpool Obsy. ...	28.99	45	ESE	2	c	29.19	+.06	40	+3	NE	1	og	1	–	49	37	b	bcm	c	6.2
	Holyhead	28.96	47	E	4	cg	29.20	+.06	42	+4	E	4	fc	3	Trace	50	38	c.o.c.bc	bc.o.c.o	c.odf	5.0
	Pembroke (St. Ann's Hd.)	28.89	45	WSW	3	bc	29.15	+.04	40	−4	ENE	2	cgp	2	0.18	46	40	cg	cnq	bcp	3.8
	Newquay	28.91	45	SW	4	cp	29.20	+.04	45	+4	W	5	c	5	0.33	50	35	bcp	cp	cp	2.5
	Scilly (St. Mary's) ...	28.86	46	W	6	cqp	29.22	+.07	45	0	WNW	8	cpq	7	0.44	50	42	cqp	cqp	cpq.or	2.7
	Jersey (St. Aubin) ...	29.07	46	WSW	4	o	29.22	*	45	+2	W	6	c	4	0.61	53	42	ogmr	ogr.o	ogrq	1.3
	Portland Bill ...	29.17	43	WNW	3	bc	29.14	+.06	43	−2	NW	2	cr	5	0.21	46	40	bcr	bcr	bcr	*
	Dungeness	29.03	44	S	3	r	29.03	+.03	42	+4	WSW	3	og	3	0.16	50	36	bc	c.or	or.o	*
	Dover	29.02	42	S	3	r	29.16	*	41	−1	–	o	ozy	2	0.07	48	38	b	bc.c.or	r.ozy	8.3
	Wick	29.15	43	E	4	o	29.39	+.05	42	+9	E	5	cm	5	0.12	44	33	cpd.or	ofm.d	o.cpm	*
	Nairn	29.10	41	–	0	dm	29.35	*	40	+12	ESE	1	og	2	0.06	42	27	odg	om	opm	0.6
	Aberdeen	29.10	42	ESE	4	o	29.35	+.07	40	+5	E	5	o	4	0.30	43	35	od.r	ogr.o	op	0.0
	Leith	29.06	42	ENE	2	c	29.26	+.07	41	+2	E	3	od	*	Trace	47	38	o.c	c	c	*
	North Shields ...	29.07	43	ENE	3	o	29.22	+.05	42	+3	ENE	4	c	4	0.02	46	39	c	c.o	or.c	?
	Spurn Head ...	29.04	44	E	4	o	29.15	+.04	42	+1	E	3	c	4	–	48	40	gfr	cm.o	o	4.2
	Yarmouth	29.07	45	S	3	bc	29.11	+.03	42	+2	NE	3	bc	2	–	47	39	c	c.bc	bc	1.5
	Clacton-on-Sea ...	29.05	45	S	3	c	29.08	+.05	41	+3	ENE	4	or	3	0.33	49	38	bc	bc.c	c.or	8.5
	Nottingham... ...	29.01	46	SSE	2	bc	29.16	*	41	+4	N	3	om	*	–	52	37	om.c.b	b.bc	b	4.5
	Bath	28.96	44	S	3	o	29.18	*	41	+11	NNE	1	r	*	0.12	47	30	m.bc.or	r.o	opd	4.1
	London (Kew Obsy.)...	29.02	43	SE	1	odm	29.12	+.08	41	+5	N	2	om	*	0.07	51	36	bmxbbc	c.odm	dm.or.om	5.6
ICELAND, FAEROE, &c.	Spitzbergen	29.88	−20	SE	2	b	29.72	−.03	−16	+13	SE	3	b	*	*	−16	−29				
	Isafjord...	29.97	17	N	9	c	30.09	+.09	16	−1	N	8	c	*	*	*	*				
	Reykjavik	29.61	29	NNE	8	b	29.75	+.07	27	−2	–	o	o	*	*	*	*				
	Vestmanna	29.45	37	SSW	1	o	29.69	+.05	33	−4	–	o	c	o	*	*	*				
	Seydisfjord	29.78	26	NE	3	s	29.93	+.04	22	−4	N	1	s	*	*	*	*				
	Thorshavn	29.36	44	SE	3	o	29.52	+.03	42	o	E	2	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.93	33	S	4	b	29.89	−.02	27	−4	SSE	9	b	5	?	34	19				
	Bodö	29.74	36	E	4	b	29.72	.00	33	−6	E	4	b	2	–	36	28				
	Christiansund ...	29.52	42	SE	1	b	29.50	+.01	37	−3	–	o	b	3	–	48	37				
	Skudesnaes	29.47	40	E	6	b	29.49	+.02	36	−5	ENE	4	b	2	–	45	34				
	Færder (X'iania Fjord)	29.55	36	NE	5	c	29.52	.00	29	−6	NE	6	o	2	–	37	28				
	The Scaw (Skagen)...	29.45	38	ESE	7	o	29.41	−.01	35	−2	ENE	6	o	2	–	41	34				
	Blaavands Huk ...	29.18	35	E	4	r	29.23	.00	33	−3	E	3	s	2	0.35	41	32				
	Haparanda	30.00	20	–	0	b	29.97	.00	7	−11	N	2	b	*	–	?	?				
	Hernösand	29.84	26	N	2	b	29.76	−.01	21	−12	NE	2	bc	*	–	34	14				
	Stockholm	29.65	30	ENE	4	o	29.53	−.01	29	−5	NE	2	o	*	0.04	34	28				
	Wisby	29.53	33	SE	2	o	29.44	−.01	33	−2	ENE	2	o	*	–	36	32				
	Karlstad	29.61	35	E	4	c	29.56	.00	29	−4	NE	4	s	*	–	39	27				
	St. Petersburg ...													*							
CENTRAL EUROPE.	Berlin	29.26	46	S	1	o	29.13	.00	42	0	S	1	b	*	0.04	48	39				
	Frankfurt	29.25	44	SW	1	m	29.14	+.03	40	+1	SW	5	r	*	0.39	45	39				
	Munich	29.33	44	W	3	b	29.27	+.01	40	+3	W	4	c	*	0.12	48	37				
	Vienna													*							
	Cuxhaven	29.21	40	E	1	otlr	29.15	.00	40	−1	E	3	m	o	0.35	43	39				
	The Helder	29.15	40	–	0	b	29.15	+.03	36	−7	ENE	2	f	1	–	46	36				
	Brussels	29.06	42	ESE	1	o	29.07	+.01	41	+4	SE	1	o	*	0.16	49	37				
FRANCE.	C. Gris Nez... ...	29.03	43	SSE	3	r	29.04	+.04	42	−1	WSW	3	c	3	0.32	50	41				
	La Hève	29.05	44	SW	5	o	29.13	*	46	+5	W	5	r	4	0.43	48	39				
	Ushant...	29.10	51	WNW	7	c	29.34	*	48	0	NW	9	c	8	0.59	50	41				
	Brest (St. Mathieu) ...	29.12	45	SW	7	r	29.38	+.04	48	+1	WNW	8	o	8	1.02	54	45				
	Rochefort (Ile d' Aix)	29.38	50	W	8	r	29.54	+.04	47	−2	WNW	8	r	*	0.16	55	45				
	Biarritz	29.65	55	WSW	3	o	29.80	+.03	51	−4	W	7	c	7	0.20	57	46				
	Paris	29.09	48	SW	3	bc	29.15	+.06	46	+4	W	5	o	*	0.12	55	42				
	Belfort	29.32	44	W	4	o	29.39	*	39	+3	WSW	7	r	*	0.43	47	36				
	Lyons	29.33	52	SSW	1	c	29.53	*	44	0	W	3	c	*	0.04	60	41				
	Nice	29.40	55	W	3	b	29.36	+.06	50	+4	W	7	b	6	–	64	46				
	Perpignan	29.55	60	NW	2	o	29.75	+.03	51	−8	NW	5	bc	*	0.04	68	47				
	Sanguinaire	*	57	W	3	c	*	*	52	0	W	7	m	6	0.04	59	46				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29.86	57	SW	7	o	30.04	.00	50	−6	WSW	3	o	7	–	59	46				
	Madrid...													*							
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.10	60	NW	5	o	30.15	*	58		NW	6	o	4	–	63	57				
	Rome													*							
	Azores (Horta, 8 a.m.)	30.10	*	SW	5	c	29.99	−.01	61	+1	SW	5	o	5	–	66	60				
	Madeira (Funchal) ...	30.30	61	NW	1	o	30.27	+.01	61	+2	NW	1	o	1	–	64	59				

GALES.

Duration and Extreme Force in British Islands.

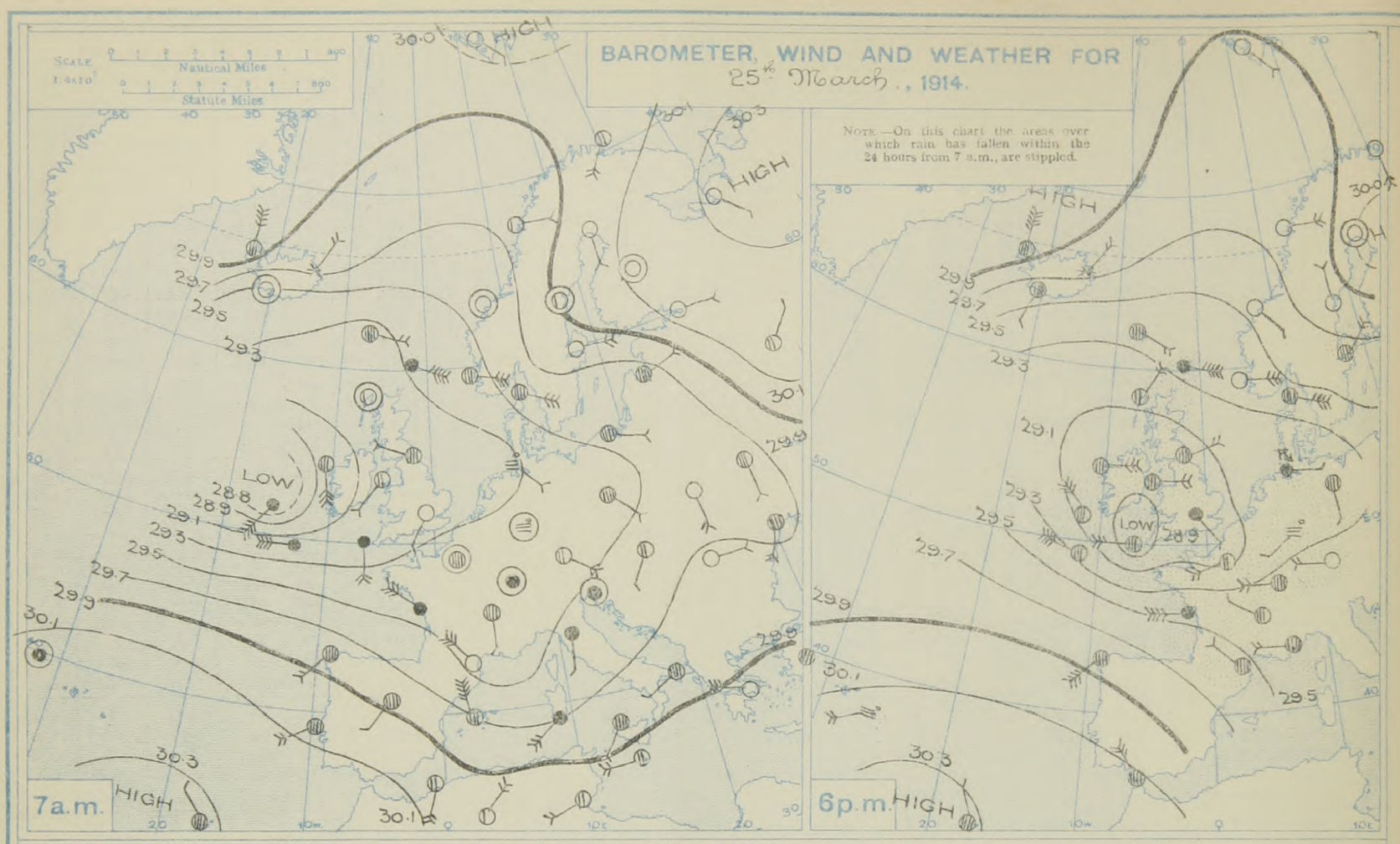
Lerwick
7am.–11pm. ESE 9 in squalls.

Scilly
1pm. squalls. W.8.
2am-5am. WNW 9 at 4am. squalls 10.

Jersey.
Between 9pm-7am. W.8.

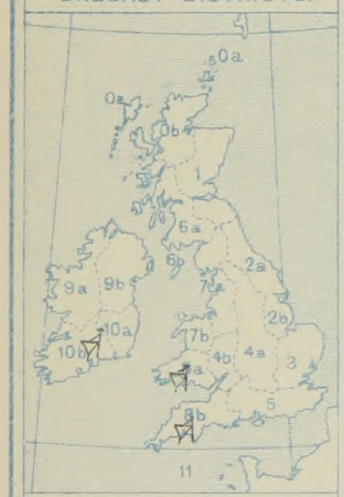
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

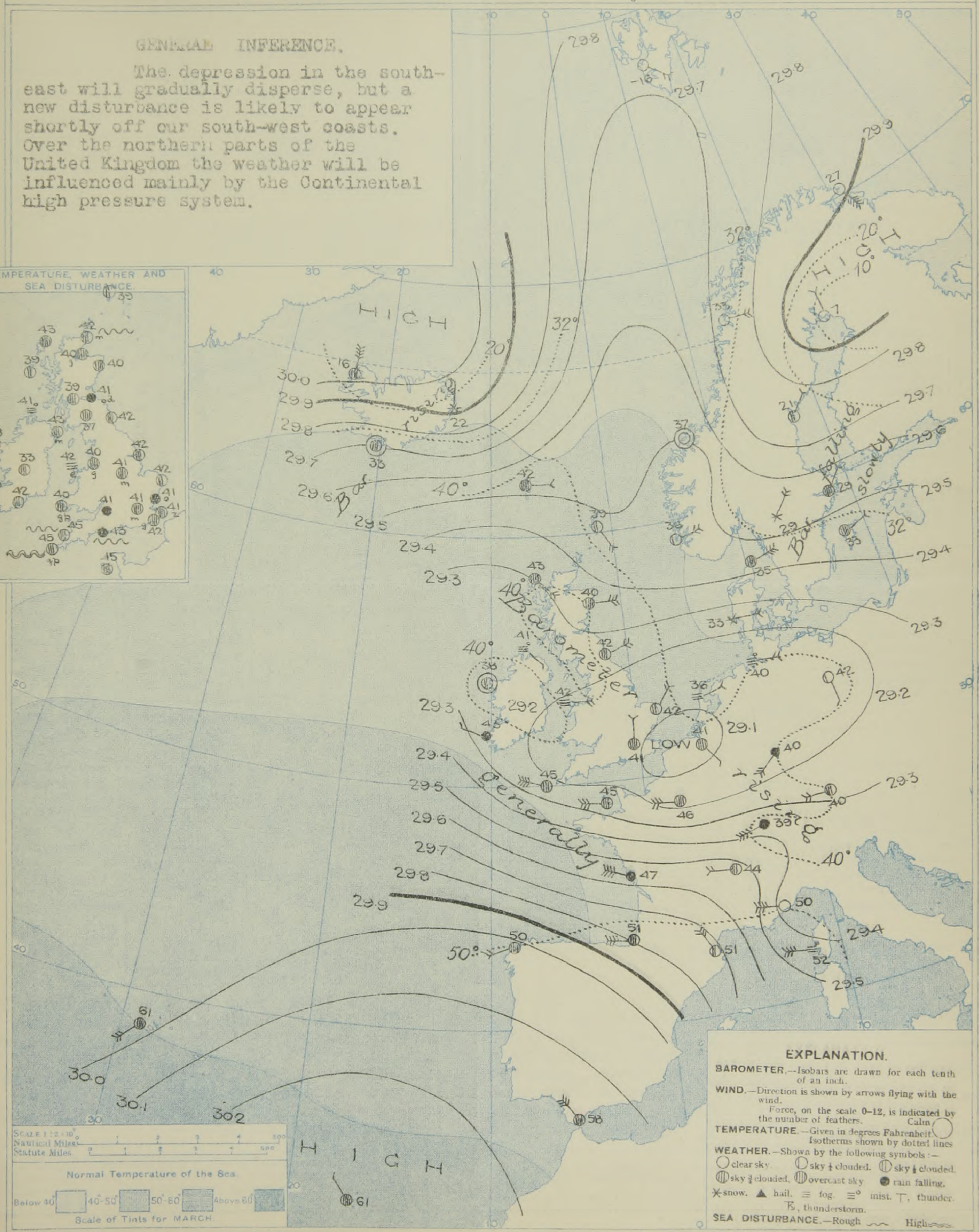
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

SOUTH CONE HOISTED AT 8.40 AM. YESTERDAY IN DISTRICTS 8 & 10.

0 a, b; 1; 2 a, b	Easterly winds, light or moderate: mostly fair, but slight showers locally. Remaining cold.
3; 4 a, b; 5	Easterly and North-Easterly winds, light or moderate: some showers at first, then fair. Rather cold.
6 a, b; 7 a, b	Easterly winds, light or moderate: fair. Cold.
8 a, b	North-Westerly winds, shifting later to the Southward or South-Eastward: some showers at first, then fair: rain again to-morrow. Rather cold.
9 a, b	Same as Nos. 6 and 7.
10 a, b	Same as No. 8.
Western Channel and Bay. 11	Westerly to South-Westerly winds, strong to a gale in force, with a high sea: squally, showery. Normal temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Thursday, 26th MARCH, 1914.



DAILY WEATHER REPORT. Thursday 26th March 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).			°	°			In.	In.		(0-12).	
25th 6p.m.	49	10	Menominee	H	29.16	+.16	WNW	8-9	c	25th 7a.m.	51	15	Victorian	H	28.76	-.16	SW	8-9	r
" "	51	10	Victorian	H	29.00	+.15	NW	6-7	c	" "	49	13	Menominee	H	29.13	-.03	W	8-9	r

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	–	51	29	b.bc	bc.b	7.3
Scotland.	St. Andrews	–	48	31	"	"	2.9
Eng. N.E.	Harrogate	0.09	45	36	o.c	bc.c.od	0.1
Eng. N.E.	Scarborough	"	48	41	o.e	o.c	2.5
Eng. N.E.	Skegness	0.02	46	38	mg.c	bc.c	0.0
Eng. N.W.	Morecambe	0.13	47	38	od.bc	og	2.1
Eng. N.W.	Blackpool	0.20	48	39	or.c	c.om	2.5
Eng. N.W.	Southport	0.42	50	39	o.bc.c	c.o	3.8
Midlands.	Buxton	0.34	47	33	cr	bc	4.0
Midlands.	Leamington Spa	0.04	50	31	b	o	4.8
Midlands.	Malvern	0.12	47	37	b.bc.c	op	3.7
Wales.	Rhyl	–	51	34			
Wales.	Colwyn Bay	–	51	38	bc	bc.o	6.5
Wales.	Llandudno	–	51	39	bc	b.o	6.4
Wales.	Aberystwyth	0.08	48	35	r.o.c	c.b.o	4.0
Wales.	Tenby	0.20	47	41	bcp	bc	3.2
England. E.	Lowestoft	–	47	39	o.c.o	o.c	0.7
England. E.	Felixstowe	0.01	49	38	bg	bc.c	8.2
England. E.	Walton-on-Naze	0.02	47	37	bm.bcm	bc.c.cg	8.1
England. E.	Southend-on-Sea	–	53	35	b	bc.or	6.9

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England. S.E.	Margate	–	51	34	b	b.bc	8.3
England. S.E.	Ramsgate	0.03	49	33	b	b.o	8.5
England. S.E.	Folkestone	0.02	50	42	b	b.or	7.3
England. S.E.	Hythe	0.04	52	32	b	bc.or	7.7
England. S.E.	Littlestone	"	"	"	"	"	7.4
England. S.E.	Hastings	0.13	50	36	b.bc	bc.or	6.9
England. S.E.	Bexhill-on-Sea	0.14	51	36	b	or	6.8
England. S.E.	Eastbourne	0.16	50	35	b.bc	o.bc.or	6.2
England. S.E.	Seaford	0.14	50	32	bc.b	bc.r	6.4
England. S.E.	Brighton	0.21	50	33	b.bc.c	c.or.o	6.1
England. S.E.	Worthing	0.28	52	31	b	r	6.1
England. S.E.	Littlehampton	0.22	"	"	"	"	5.2
England. S.E.	Southsea	0.22	50	31	bp.bc	r.c	3.6
England. S.E.	Ryde	0.25	50	40	p	p	4.8
England. S.E.	Ventnor	0.30	52	36	"	"	4.7
England. S.E.	Bournemouth	0.18	49	30	bc.c	c.or	3.7
England. S.W.	Weymouth	0.27	51	32	bcp	p.c	2.0
England. S.W.	Exmouth						
England. S.W.	Teignmouth	0.19	51	34	cp	cr.bc	1.3
England. S.W.	Torquay	0.19	50	34	op	op	1.6
England. S.W.	Paignton						
England. S.W.	Falmouth	0.10	51	39	cp	cp	2.5
England. S.W.	Bude	0.07	51	35	or.c	cp.bc	3.0
England. S.W.	Ilfracombe	0.14	49	38	c.or.o	c.bc	3.5
England. S.W.	Weston-super-Mare	0.15	48	34	b.bc.b.r	r.cr	3.3

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	63	84	6.1	54	40	38	0.16	b.bc	bc.o	o.or
City (Bunhill Row)	"	"	2.8	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	67	85	5.2	50	41	41	0.13	bc	c.	cr.bc
Camden Sq. (Brit. Rainfall)	61	80	4.6	53	40	38	0.17	b.bc	c.o	
Hampstead (Reservoir)	"	86	4.9	49	38	"	0.15	bc.or	or	bc
Richmond Park	"	"	5.7							
Kew. (See front page.)										

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Stations.	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	900 Joules	20.2 Milliwatts.	53.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	trace	48	32	29	bx	bc	cp	"
Plymouth to 9 p.m.								
Darwen ,,	0.49	44	35	34	or	ou.b	bc.o	1.1
Manchester ,,	0.27	51	38	"	or.o	o.bc	bc.o	3.3
Birmingham ,,	0.05	48	33	–	"	b	c.or	5.5
Oxford to 8 p.m.	"	50	32	29	or.ob	bf.c.o	o.c.op	"
S. Kensington (Museum Grounds to 6 p.m.)	–	50	35	26	bc	bc.c.o	o.ou	"

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

26th & 27th Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.45	11.59	6.13
	5.42	11.59	6.15
Greenwich	5.52	12.6	6.20
	5.50	12.6	6.22
Wick	6.1	12.18	6.36
	5.58	12.18	6.38
Valencia	6.33	12.47	7.1
	6.31	12.47	7.3

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50 deg. or a trifle above it at several of the English stations. The amount of bright sunshine varied considerably in different districts. Rain was again experienced in most districts, and a gale from the Westward occurred in the western part of the Channel. Wireless reports show that as far west as the 15th meridian ships experienced gales or strong winds from between South-West and North-West, and squally, changeable 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.

Friday, 27th March 1914.

	STATIONS.	Yesterday Evening: Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	This Morning 7 a.m., G.M.T.: Barometer M.S.L. Lat. 45°	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	Past 24 hours: Rainfall.	Temp. Max.	Temp. Min.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.56	43	W	2	c	29.65	+.04	40	+1	NNE	2	bc	2	0.02	47	36	bc	bc.c	bcl	*
	Stornoway	29.54	44	SE	4	c	29.77	+.06	32	−11	–	0	bx	0	–	49	31	o.c	bc.c	c.bx	?
	Castlebay (Barra Isd.)	29.47	44	WSW	2	bcm	29.83	+.06	43	+4	S	3	c	3	–	47	39	bcm	o.o.bcm	b.bml.bc	1.8
	Glasgow	29.50	40	NE	2	b	29.73	+.10	32	−7	SW	1	bm	*	0.03	43	31	p.o.cp.o	hp.o.bc	bc.bmx	2.1
	Eskdalemuir	29.49	38	NE	3	c	29.77	+.08	28	−9	–	0	bx	*	0.03	43	26	o.op	o.op	o.bc	2.0
	Malin Head	29.46	44	E	3	m	29.72	+.07	41	0	SSW	1	c	1	–	47	40	om	cg	cm	*
	Blacksod Point	29.42	48	WNW	2	bg	29.74	+.08	41	+3	WNW	1	bc	2	–	50	34	bcg	bg	cml.bc	*
	Valencia	29.50	46	W	4	om	29.80	+.08	43	+2	WNW	1	cp	5	0.37	49	42	cp	or	cr	3.1
	Roche's Point	29.47	45	N	2	c	29.80	*	41	−1	NNW	2	b	3	0.10	50	40	cg	cpg	c.b	*
	Birr Castle	29.44	45	E	1	m	29.77	*	30	−3	NW	1	f	*	0.12	47	30	f	ct.f	ch.x.f	2.0
	Donaghadee	29.45	46	NE	2	bc	29.76	+.10	41	−2	NE	2	bc	2	–	47	40	cm	bc	bc	*
	Liverpool Obsy.	29.41	44	N	1	c	29.72	+.11	39	−1	ENE	1	o	1	0.10	48	39	bm	bcm	or	4.1
	Holyhead	29.43	46	N	3	bm	29.74	+.09	42	0	NE	3	b	2	–	51	41	f.c.bcm	bm	b.bc.c	7.0
	Pembroke (St. Ann's Hd.)	29.43	45	NW	1	c	29.74	+.08	43	+3	NNW	1	bm	2	Trace	50	39	cpmq	b	bcm	4.7
	Newquay	29.43	46	NW	4	bc	29.77	+.07	47	+2	NNW	3	bc	3	0.07	50	43	cp	bcp	cg	3.3
	Scilly (St. Mary's)	29.49	43	NW	8	ogp	29.76	+.10	45	0	NW	7	cpq	7	0.16	48	40	omqp	omqph	cpq	0.7
	Jersey (St. Aubin)	29.46	47	W	6	c	29.72	*	46	+1	WNW	4	bc	4	0.42	50	43	oqr.c	cqp.c	cp.bc	1.8
	Portland Bill	29.42	46	WNW	2	c	29.70	+.10	43	0	NNW	2	c	4	0.17	48	41	r.o	o.c	c.bc	*
	Dungeness	29.36	45	WNW	2	bc	29.64	+.10	39	−3	NNE	1	m	1	0.04	49	36	cp	bc	bcf	*
	Dover	29.35	44	NW	1	bcg	29.64	*	41	0	NNW	3	bc	2	0.02	51	36	g.o.c.bc	c.bcg	c.op.bc	2.1
	Wick	29.57	41	SSE	3	b	29.70	+.03	34	−8	WNW	2	bm	2	–	43	29	cm.bcm	bcm	bcx	*
	Nairn	29.56	41	SSE	2	om	29.75	*	28	−12	–	0	bcg	1	Trace	46	26	bcp	d.c	bcx	2.2
	Aberdeen	29.56	40	ENE	3	c	29.75	+.05	32	−8	NW	2	b	3	–	44	30	o	o.c	c.bc.bx	0.8
	Leith	29.48	41	E	2	c	29.75	+.08	35	−6	W	2	bg	*	0.02	45	34	o.c	c.op	cp	*
	North Shields	29.42	40	NE	5	r	29.73	+.08	37	−5	NW	3	bc	3	0.05	45	37	od	o.cr	r.o.bc	*
	Spurn Head	29.37	44	E	3	bc	29.66	+.09	41	−1	NE	3	bcp	4	0.01	49	34	bc	bc	bc	8.3
	Yarmouth	29.34	44	N	2	bc	29.63	+.09	40	−2	N	4	bchp	3	–	49	37	bc	bc	bc	8.9
	Clacton-on-Sea	29.33	45	SSE	1	ou	29.64	+.10	38	−3	WNW	2	c	0	0.24	49	36	or.cp	cp.op	ort.c	3.4
	Nottingham	29.38	43	ENE	2	c	29.70	*	39	−2	N	3	cm	*	0.01	50	39	om.c	c	c.op	1.2
	Bath	29.42	47	N	1	o	29.71	*	38	−3	W	1	m	*	Trace	52	36	d.o	o.cg	om	1.9
	London (Kew Obsy.)	29.38	45	–	0	om	29.67	+.13	40	−1	NW	1	orm	*	0.01	49	36	om.o.cp	o	opm.orm	1.0
ICELAND, FAEROE, &c.	Spitzbergen	29.76	−24	–	0	o	29.94	+.04	−29	−13	SE	1	b	*	*	−16	−35				
	Isafjord	30.18	19	N	9	m	30.30	+.05	19	+3	N	7	c	*	*	*	*				
	Reykjavik	29.92	30	NNE	4	c	30.04	+.02	26	−1	E	4	s	*	*	*	*				
	Vestmanna	29.84	35	N	2	s	30.03	+.04	30	−3	ESE	1	s	0	*	*	*				
	Seydisfjord	30.04	27	NE	3	s	30.21	+.02	21	−1	NE	1	o	*	*	*	*				
	Thorshavn	29.64	45	E	2	b	29.83	+.07	39	−3	NNE	4	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.89	28	SW	6	b	29.94	+.01	24	−3	SW	2	b	3	–	28	24				
	Bodö	29.76	29	E	2	b	29.78	.00	27	−6	E	3	b	2	–	36	23				
	Christiansund	29.58	38	–	0	b	29.67	+.04	36	−1	–	0	c	3	–	43	34				
	Skudesnaes	29.56	36	–	0	b	29.70	+.04	34	−2	E	2	b	1	–	41	30				
	Færder (Christiania Fjord)	29.53	33	NE	4	o	29.67	+.02	31	+2	NNE	6	o	2	–	34	29				
	The Scaw (Skagen)	29.49	34	E	7	s	29.56	+.04	35	0	NE	7	s	2	–	36	32				
	Blaavands Huk	29.36	36	NE	3	m	29.49	+.04	33	0	NNE	4	s	3	0.08	37	32				
	Haparanda	29.91	19	–	0	b	29.95	+.03	5	−2	N	2	b	*	–	28	1				
	Hernösand	29.76	24	NE	6	c	29.80	+.03	23	+2	NE	4	o	*	0.04	27	19				
	Stockholm	29.58	31	E	2	o	29.64	+.02	29	0	NE	4	o	*	–	32	27				
	Wisby	29.45	34	ENE	2	o	29.48	+.02	36	+3	NE	2	o	*	–	39	33				
	Karlstad	29.60	31	ENE	4	o	29.67	+.04	30	+1	NE	4	o	*	–	34	28				
	St. Petersburg	29.79	26	E	2	o	29.75	−.01	25	+6	E	2	s	*	–	?	25				
CENTRAL EUROPE.	Berlin	29.17	45	S	1	o	29.34	+.04	42	0	W	3	o	*	Trace	48	39				
	Frankfurt	29.25	41	SW	1	o	29.53	+.08	40	0	SW	2	m	*	0.11	45	39				
	Munich	29.34	41	W	6	c	29.53	+.05	37	−3	SW	6	o	*	0.08	48	36				
	Vienna	29.25	47	WNW	2	o	29.34	+.04	44	+5	W	4	o	*	0.04	50	39				
	Cuxhaven	29.25	42	N	2	r	29.37	+.02	36	−4	N	3	r	0	0.32	43	36				
	The Helder	29.31	41	N	2	bc	29.54	+.08	41	+5	N	3	r	3	0.04	45	36				
	Brussels	29.36	38	–	0	b	29.59	+.11	37	−4	WNW	1	f	*	0.12	45	35				
FRANCE.	C. Gris Nez	29.36	45	NW	1	c	29.62	+.08	43	+1	N	4	c	3	–	50	41				
	La Hève	29.41	45	W	3	c	29.67	*	45	−1	WNW	3	o	8	0.32	48	41				
	Ushant	29.53	46	NW	9	c	29.88	*	48	0	NW	6	c	7	0.12	50	45				
	Brest (St. Mathieu)	29.62	48	WNW	8	c	29.84	+.06	48	0	WNW	6	c	5	0.12	54	46				
	Rochefort (Ile d'Aix)	29.74	49	WNW	9	c	29.88	+.06	48	+1	NW	7	bc	*	0.16	52	46				
	Biarritz	29.97	52	WNW	5	r	30.04	+.05	50	−1	NW	4	o	6	0.08	54	45				
	Paris	29.41	45	W	4	b	29.68	+.09	43	−3	WNW	2	o	*	0.28	49	40				
	Belfort	29.40	41	WSW	6	r	29.65	*	34	−5	WSW	2	r	*	0.59	44	32				
	Lyons	29.62	44	WNW	6	b	29.80	*	42	−2	WSW	3	o	*	–	52	40				
	Nice	29.48	48	W	6	b	29.49	+.03	50	0	NW	4	b	4	–	57	45				
	Perpignan	29.84	53	NW	6	bc	29.95	+.08	47	−4	NW	4	r	*	0.08	61	42				
	Sanguinaire	*	50	W	8	m	*	*	44	−8	–	0	c	2	–	?	?				
SOUTHERN EUROPE.	Corunna (8 a.m.)	30.08	53	WNW	7	o	30.19	+.04	45	−5	SSW	2	b	6	–	54	41				
	Madrid													*							
	Lisbon (9 a.m.)																				
	Gibraltar	30.18	57	W	5	bc	30.12	*	55	−3	NW	5	b	1	–	65	54				
	Rome	29.43	54	W	1	b	29.48	+.03	48	−4	N	1	b	*	–	61	48				
	Azores (Horta, 8 a.m.)	29.90	*	SW	5	o	29.73	.00	51	−10	W	4	r	3	1.18	66	52				
	Madeira (Funchal)	30.23	61	N	1	o	30.17	.00	58	−3	N	1	o	1	–	64	55				

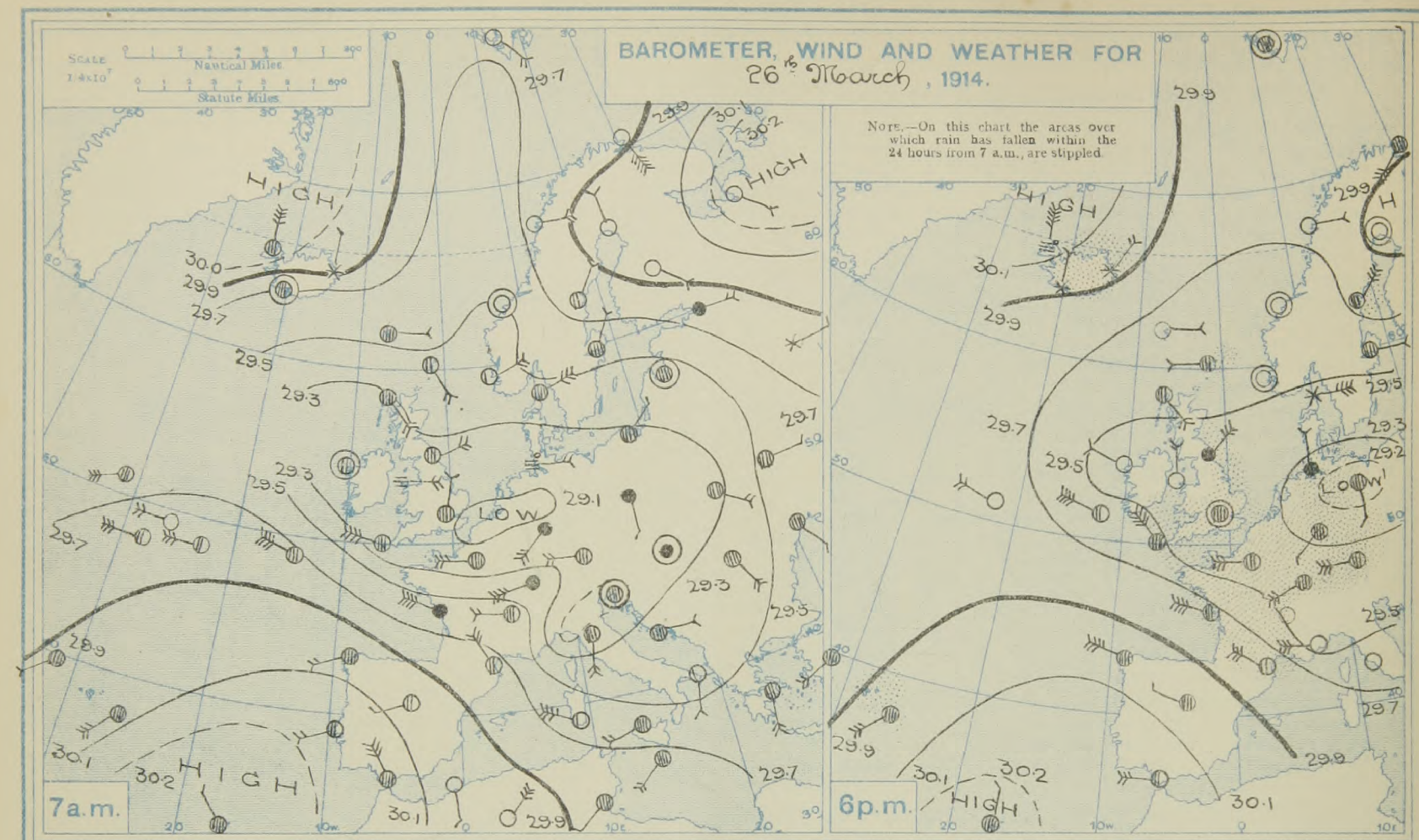
GALES.

Duration and Extreme Force in British Islands.

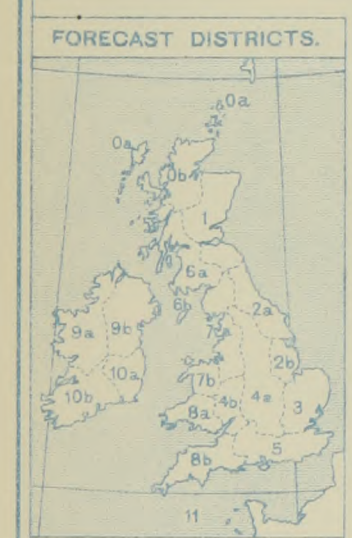
Scilly
11am – 4am. N.W. 9 at 11am & 8pm squalls 63 m.p.h.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.



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, b}, 1 — Light Northerly to variable airs: fair. Cold, sharp frost inland to-night.

2 {a, b}, 3, 4 {a, b}, 5 — Light North-Westerly to variable airs: some showers at first, then fair. Ground frost and local fogs to-night.

6 {a, b}, 7 {a, b} — Light variable airs: fair generally. Sharp ground frost inland to-night.

8 {a, b} — Light or moderate North-Westerly to Westerly or South-Westerly winds: fair generally. Ground frost inland to-night.

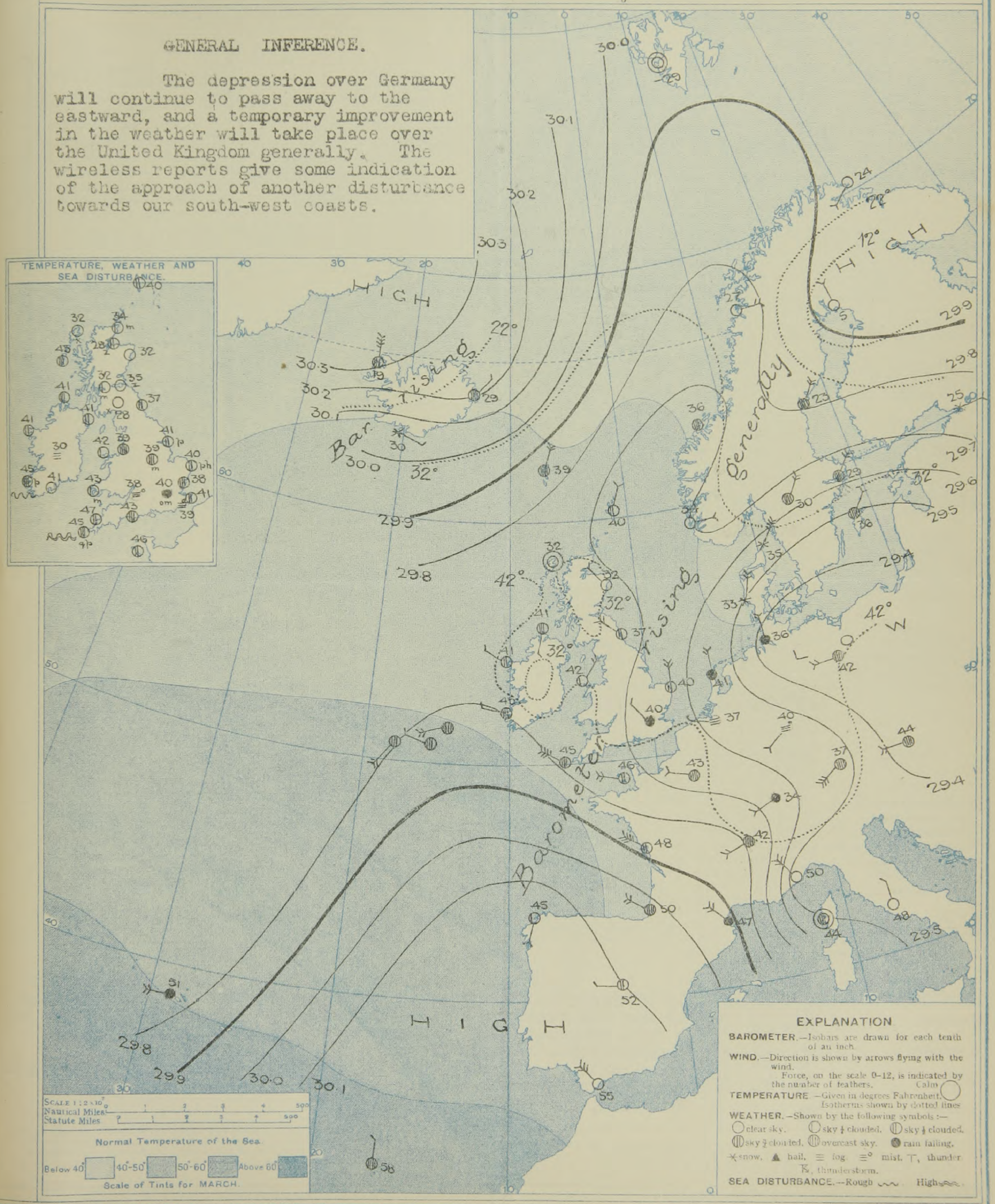
9 {a, b} — Same as Nos. 6 and 7.

10 {a, b} — Same as No. 8.

Western Channel and Bay. 11 — Strong North-Westerly to Westerly or South-Westerly winds and a very rough sea: fair at first, showery later. Normal temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Friday, 27th MARCH, 1914.



DAILY WEATHER REPORT. Friday, 27th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
27th 7am.	50	17	Royal George	O	29.80	-	SW	4-5	c.
" "	50	15	Empress of Britain	H	29.89	+.04	WNW	1-3	c
" "	51	14	Cymric	O	29.81	+.04	WSW	4-5	o
26th 6pm.	50	21	Empress of Britain	H	29.78	.00	WNW	4-5	bc
" "	48	14	Oceanic	H	29.72	.00	WNW	8-9	c
" "	51	12	Royal George	O	29.52	+.04	WNW	8-9	c

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
26th 6pm.	49	8	Oceanic	H	29.66	.00	WNW	6-7	b
" 7am.	50	30	Tyrolia	O	29.60	+.02	WSW	6-7	c
" "	48	28	Montfort	H	29.84	.00	W	6-7	bc
" "	49	25	Empress of Britain	H	29.72	-.03	W	4-5	b
" "	48	22	Mongolian	O	29.61	+.01	W	6-7	bc
" "	49	13	Finland	H	29.66	+.01	W	8-9	bc

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	-	52	34	bc.c.bc	bc	1.3
	St. Andrews	0.03	44	39	*	*	3.0
Eng., N.E.	Harrogate	0.01	45	34	o.bc.op	o.c.o	1.1
	Scarborough	*	?	44	bc	o.c	?
	Skegness	0.01	46	39	v.b	b	4.6
Eng., N.W.	Morecambe	-	47	37	bc.b	bc	5.3
	Blackpool	0.01	49	37	m.b.o	o.c	4.0
	Southport	0.01	48	38	b.bc	c.op.c	3.5
Midlands.	Buxton	-	45	30	bc	bc	2.6
	Leamington Spa	0.15	49	37	bc.o	ort	0.4
	Malvern	0.15	47	38	o.c	c.bc.b	1.5
Wales.	Rhyl	-	47	40			6.7
	Colwyn Bay	-	48	39	o.bc.b	b bc	5.5
	Llandudno	-	48	44	o	b.bc	5.3
	Aberystwyth	-	49	40	c.bc	c.o	6.0
	Tenby	0.43	51	37	bc	oth	3.7
England, E.	Lowestoft	-	47	39	bc.c	c.bc	8.5
	Felixstowe	0.39	48	40	c.bop	op	4.0
	Walton-on-Naze	0.42	47	40	bc.c	bop.cg	3.9
	Southend-on-Sea	0.11	48	40	r.o.c	c.oe	1.1

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.23	49	39	o.c	bc	2.6
	Ramsgate	0.23	47	39	c.o	c.bc	1.7
	Folkestone	0.11	48	36	or	b.bc.o	2.0
	Hythe	0.12	52	37	o	o.bc	1.4
	Littlestone	*	*	*	*	*	1.1
	Hastings	0.11	48	37	cd	cop.bc	0.1
	Bexhill-on-Sea	0.08	49	37	o	om	0.1
	Eastbourne	0.07	49	37	og	bc.or	0.3
	Seaford	0.06	48	36	o	r	0.0
	Brighton	0.32	48	39	o	o.cph.o	0.4
	Worthing	0.02	49	36	c	c	0.2
	Littlehampton	0.01	*	*	*	*	1.1
	Southsea	-	52	37	bc	bc	2.5
	Ryde	0.04	47	43	bc	c	2.5
	Ventnor	-	53	36	*		4.2
	Bournemouth	0.07	47	33	or	c.o	0.7
England, S.W.	Weymouth	0.08	47	37	ep	bcg	1.1
	Exmouth	0.19	51	38	p.bc	b	4.5
	Teignmouth	0.03	51	38	c.bc	bc	3.1
	Torquay	-	51	39	c.o	bc	4.4
	Paignton	0.01	53	38	c.bc	bc	5.6
	Falmouth	0.63	50	42	orhq.c	b.orhq	3.4
	Bude	-	51	40	c.bc	bc	5.2
	Ilfracombe	0.38	49	38	or.bc.b	b.bc	5.7
	Weston-super-Mare	0.10	48	38	c.bc.b	b.bcr	3.0

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-Day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	57	83	1.1	52	37	26	0.02	c.c	op.	o
City (Bunhill Row)	*	*	2.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	90	1.5	53	39	35	0.03	bc	bc.r	od
Camden Sq. (Brit. Rainfall)	54	85	2.7	54	37	29	0.02	bc.c	c.bc.c	*
Hampstead (Reservoir)	*	91	2.4	50	36	*	0.01	o.c.bc	or	o
Richmond Park	*	*	1.0.							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	49	83	1.5	691 Joules		15.4 Milliwatts.		640 Milliwatts.		

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.03	47	40	39	c.op	c.orm	cm.bt	*
Plymouth to 9 p.m.								
Darwen "	0.01	46	35	33	c.o	o.bc	bc.or	2.5
Manchester "				*				
Birmingham "	0.03	46	37	34	r	o	o	0.0
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	0.10	51	41	38	c	c.o	od.o	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

24th 28th Mar, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.42	11.59	6.15
	5.39	11.58	6.17
Greenwich	5.50	12.6	6.22
	5.47	12.5	6.23
Wick	5.58	12.18	6.38
	5.55	12.17	6.40
Valencia	6.31	12.47	7.3
	6.28	12.46	7.4

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50 deg. or slightly above it in many parts of England and Ireland: in the north of Scotland it did not reach 45 deg. The amount of bright sunshine was as a rule somewhat small. Showers fell in most districts, and thunderstorms or thunder only occurred in several isolated localities. Wireless reports show that as far west as the 30th meridian ships experienced strong to high winds from the Westward, and fair weather.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday 28th March 1914.

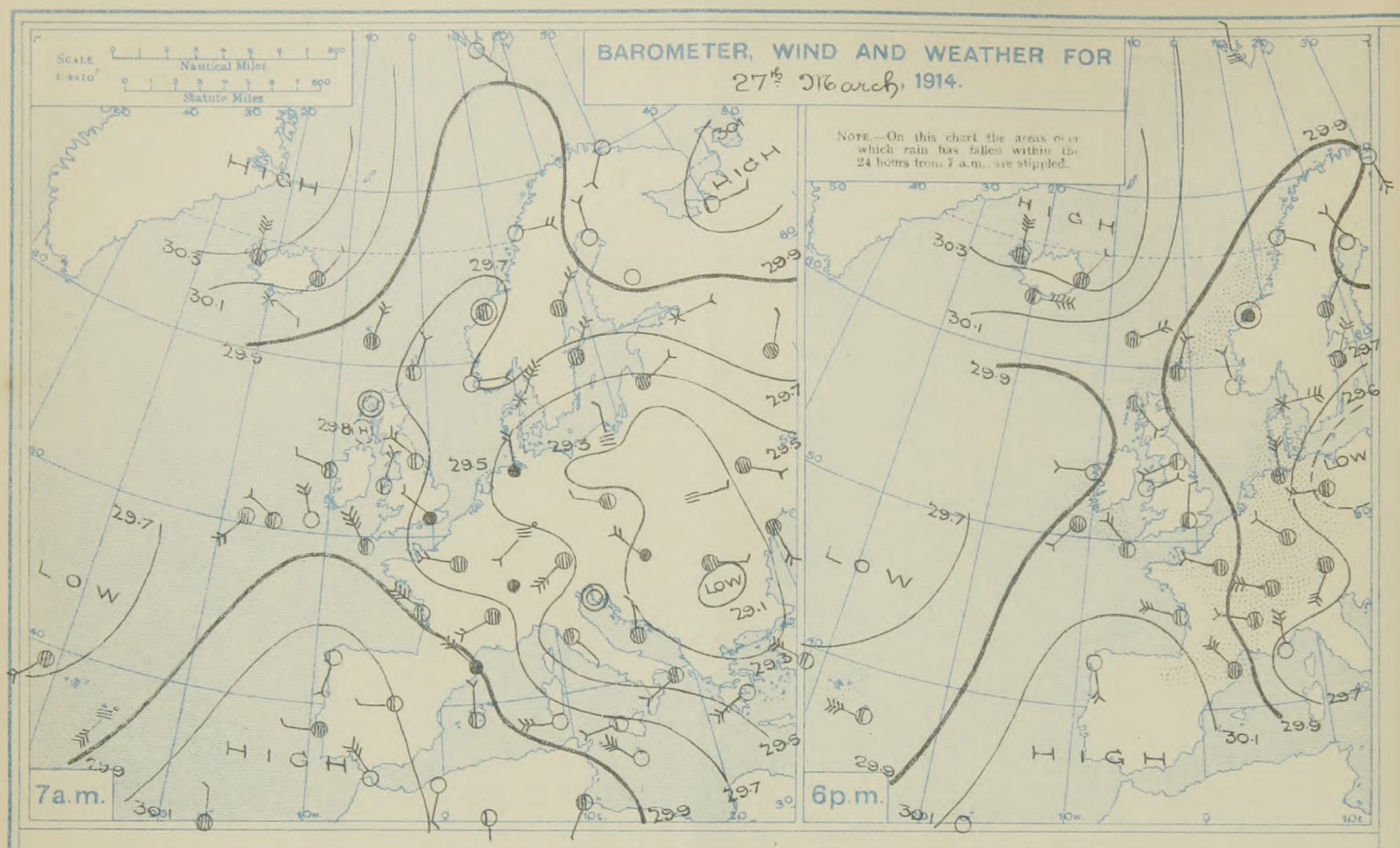
	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours	Wind Direc.	Wind Force 0–12	Weather.	Sea 0–9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather Morning.	Weather Afternoon	Weather Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.89	43	NNE	3	c	30.12	+.05	37	−3	WNW	4	cq	3	0.03	44	34	bc.oq	cph	cphq	*
	Stornoway	29.95	45	SE	2	c	30.04	.00	37	+5	E	3	bx	2	Trace	50	32	b.bc.c	c	bc.bx	?
	Castlebay (Barra Isd.)	29.92	46	S	2	bm	29.97	.00	42	−1	E	4	bm	4	–	47	41	c.o	o.bm	o.bm	3.3
	Glasgow	29.93	45	WNW	2	bcz	30.06	+.02	31	−1	E	1	b	*	–	49	29	f.bc.b	b.bc	b.bx	6.0
	Eskdalemuir ...	29.95	41	W	2	b	30.07	+.01	29	+1	–	0	b	*	–	50	23	b.bc	b.bc	b	10.2
	Malin Head... ...	29.92	46	M	1	bcz	29.88	.00	41	0	S	5	bc	3	–	47	39	bcm	bcm	bcm	*
	Blacksod Point ...	29.89	49	W	2	b	29.76	−.05	45	+4	SSE	5	or	4	0.02	50	35	bz	bz	bc.om	*
	Valencia	29.93	49	SW	1	0	29.63	−.07	47	+2	SE	6	omg	5	0.21	51	42	cup	cf	orm	6.4
	Roche's Point ...	29.95	48	SSW	3	c	?29.79	*	46	+5	SE	6	r	6	0.07	52	40	cg	c.bc.c	o.b.or	*
	Birr Castle	29.92	49	SW	1	c	29.85	*	44	+14	SE	3	o	*	–	54	30	c	c	c.o	6.9
	Donaghadee ...	29.96	45	W	3	bcm	30.00	+.01	43	+2	SW	2	cm	2	–	47	37	bc	bcm	bm	*
	Liverpool Obsy. ...	29.98	43	NW	1	b	30.03	−.01	33	−6	SE	3	f	2	–	47	32	bcm	b	bxf	3.5
	Holyhead	29.96	46	ME	2	bz	30.00	−.01	38	−4	SE	3	omg	2	–	50	35	bc.bz	bz	bxf.om	10.3
	Pembroke (St. Ann's Hd.)	29.98	44	N	1	b	29.97	−.04	45	+2	SE	4	cmg	3	–	49	40	bm	b	b	7.0
	Newquay	29.96	49	NW	2	bv	29.95	−.01	47	0	S	4	o	2	–	50	38	bcz	bv	o	6.9
	Scilly (St. Mary's) ...	29.98	48	NW	3	bcm	29.91	−.02	48	+3	SSE	5	op	4	0.02	54	44	bcm	bcm	bc.op	8.5
	Jersey (St. Aubin) ...	29.99	50	WNW	3	bm	30.07	*	46	0	SSE	4	bm	3	Trace	54	38	bc.cm	bm	bmw.om	8.2
	Portland Bill ...	29.92	48	NW	3	b	30.02	.00	47	+4	S	2	b	3	–	52	42	bc	bc.b	b.bc	*
	Dungeness	29.95	45	MNW	2	c	?	+.01	34	−5	–	0	bmx	0	–	48	32	f.c.o	o.c	c.b.bmx	*
	Dover	29.94	40	M	1	cgr	30.10	*	40	−1	–	0	bmx	1	0.05	51	32	bc	bc.cgr	r.c.bx	5.1
	Wick	29.90	41	NNE	2	c	30.08	+.02	41	+7	NNE	3	cmg	3	0.13	46	33	bcm	cmp	cp.omx	*
	Nairn	29.93	43	M	1	cg	30.07	*	35	+7	–	0	om	1	0.01	49	27	b.bc	cg	cd	7.0
	Aberdeen	29.91	44	NW	2	b	30.08	+.03	37	+5	NW	2	bc	2	–	49	31	b.bc	bc.b	b.bc	8.3
	Leith	29.89	49	W	1	bc	30.05	+.03	30	−5	–	0	bz	*	–	51	29	c.bc	bc.c	cg.o	*
	North Shields ...	29.91	47	WSW	3	bc	30.06	+.04	36	−1	WNW	3	b	2	–	47	34	b	bc	c.bzx	
	Spurn Head ...	29.95	43	NNE	1	b	30.04	+.03	39	−2	W	3	bf	4	Trace	47	37	bc	bc	b.f	9.0
	Yarmouth	29.96	43	M	3	bc	30.08	.00	38	−5	W	2	bc	1	–	47	33	bc	bc	bc	9.3
	Clacton-on-Sea ...	29.93	45	NW	2	c	30.10	+.02	35	−3	W	1	bx	0	–	48	43	c.bc.c	c	c.bc.bx	4.6
	Nottingham... ...	29.96	43	WSW	2	b	30.09	*	29	−10	WSW	1	fx	*	–	48	27	o.c	c.bm	bm	1.9
	Bath	29.97	48	E	1	o	30.07	*	37	−1	E	3	m	*	–	52	32	m.o.c	og	om	3.3
	London (Kew Obsy.)...	29.98	45	M	1	cm	30.10	+.03	29	−11	–	0	fx	*	0.01	48	28	omc.om.o	o c bc	cm.bfx	2.6
ICELAND, FAEROE, &c.	Spitzbergen	30.06	−33	N	1	b	30.11	+.01	−27	+2	–	0	b	*	*	−26	−36				
	Isafjord...	30.35	21	M	7	c	30.36	+.01	19	0	–	0	b	*	*	*	*				
	Reykjavik	30.20	32	E	4	c	30.23	.00	23	−3	E	2	b	*	*	*	*				
	Vestmanna	30.15	31	E	9	c	30.22	.00	23	−2	E	9	bc	1	*	*	*				
	Seydisfjord	30.34	24	ME	2	o	30.40	.00	19	−2	–	0	o	*	*	*	*				
	Thorshavn	30.06	35	ENE	4	o	30.20	+.02	32	−7	ENE	4	o	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.90	27	S	4	b	29.86	.00	24	0	SE	6	b	3	–	27	19				
	Bodö	29.81	28	ESE	1	b	29.89	+.04	27	0	E	1	c	1	?	36	23				
	Christiansund ...	29.82	37	–	0	r	29.97	+.04	35	−1	–	0	s	3	0.16	39	34				
	Skudesnaes	29.86	36	NNW	2	b	30.00	+.03	32	−2	–	0	b	1	–	39	28				
	Færder (X'iania Fjord)	29.80	36	N	4	o	29.95	+.04	31	0	NNW	3	b	1	–	36	30				
	The Scaw (Skagen)...	29.76	34	E	5	s	29.93	+.04	32	−3	ENE	2	o	0	0.20	34	30				
	Blaavands Huk ...	29.77	36	N	4	bc	29.96	+.09	35	+2	NNE	3	r	2	0.04	36	32				
	Haparanda	29.93	16	NNW	2	b	29.89	.00	18	+13	NNW	2	c	*	–	28	5				
	Hernösand	29.87	25	NE	2	o	29.92	+.01	28	+5	N	2	o	*	–	28	23				
	Stockholm	29.73	31	NNE	4	o	29.82	+.02	30	+1	NNW	2	o	*	–	32	23				
	Wisby	29.62	32	NE	6	o	29.78	+.06	33	−3	NE	4	o	*	Trace	37	32				
	Karlstad	29.80	33	NE	4	o	29.93	+.06	32	+2	NNE	4	c	*	–	34	28				
	St. Petersburg ...													*							
CENTRAL EUROPE.	Berlin	29.56	43	W	3	c	29.79	+.04	36	−6	W	4	o	*	Trace	46	36				
	Frankfurt	29.77	41	NW	2	c	30.06	+.07	39	−1	NW	1	b	*	Trace	48	37				
	Munich	29.76	41	SW	5	o	30.05	+.06	36	−1	NW	4	c	*	0.08	45	34				
	Vienna													*							
	Cuxhaven	29.72	38	N	5	o	29.93	+.06	39	+3	NNW	3	o	0	0.04	39	36				
	The Helder	29.87	41	N	4	c	30.04	+.05	39	−2	N	2	o	2	0.08	43	39				
	Brussels	29.96	40	NW	3	b	30.13	+.04	35	−2	WSW	1	b	*	0.08	47	31				
FRANCE.	C. Gris Nez... ...	29.96	42	NNE	4	c	30.11	+.03	39	−4	SW	2	b	1	0.04	50	36				
	La Hève	29.98	45	NW	3	m	30.12	*	37	−8	ESE	3	m	3	–	48	36				
	Ushant...	30.04	51	NW	3	bc	30.00	*	51	+3	S	5	o	3	–	50	46				
	Brest (St. Mathieu) ...	30.06	50	WNW	3	bc	30.02	−.02	49	+1	SSE	4	o	3	–	55	46				
	Rochefort (Ile d' Aix)	30.09	50	WNW	5	bc	30.12	+.01	45	−3	SSE	2	o	*	–	52	43				
	Biarritz	30.15	52	NW	3	bc	30.05	−.02	43	−7	E	3	bc	5	0.20	54	39				
	Paris	29.93	45	NNW	2	o	30.15	+.03	36	−7	–	0	b	*	0.08	52	33				
	Belfort	29.89	41	WNW	6	o	30.16	*	33	−1	WSW	2	m	*	0.24	45	32				
	Lyons	29.99	43	WNW	2	c	30.16	*	39	−3	N	1	o	*	0.12	47	37				
	Nice	29.64	52	N	5	b	29.85	+.04	51	+1	NE	4	b	4	–	61	45				
	Perpignan	30.04	47	NW	5	o	30.13	+.01	47	0	SW	1	b	*	0.08	58	41				
	Sanguinaire	*	54	W	4	m	*	*	52	+8	E	3	m	7	–	54	44				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.16	57	S	3	b	29.97	−.04	56	+11	S	1	c	3	–	63	45				
	Madrid...													*							
	Lisbon (9 a.m.) ...																				
	Gibraltar							*													
	Rome													*							
	Azores (Horta, 8 a.m.)	29.72	*	WSW	5	c	29.94	+.03	51	0	W	4	b	3	0.12	59	48				
	Madeira (Funchal) ...	30.11	60	SW	1	c	30.08	+.02	60	+2	SW	1	o	1	–	64	58				

GALES.

Duration and Extreme Force in British Islands.

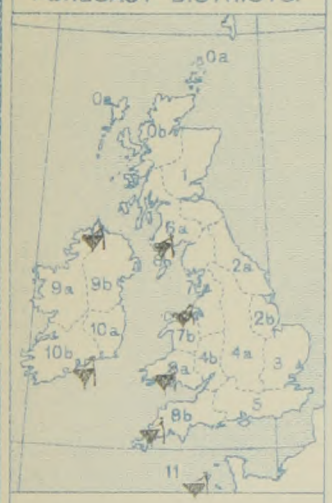
* Information for these columns not usually received.

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

SOUTH CONE HOISTED

AT 8.45 A.M. TODAY IN DISTRICT 10

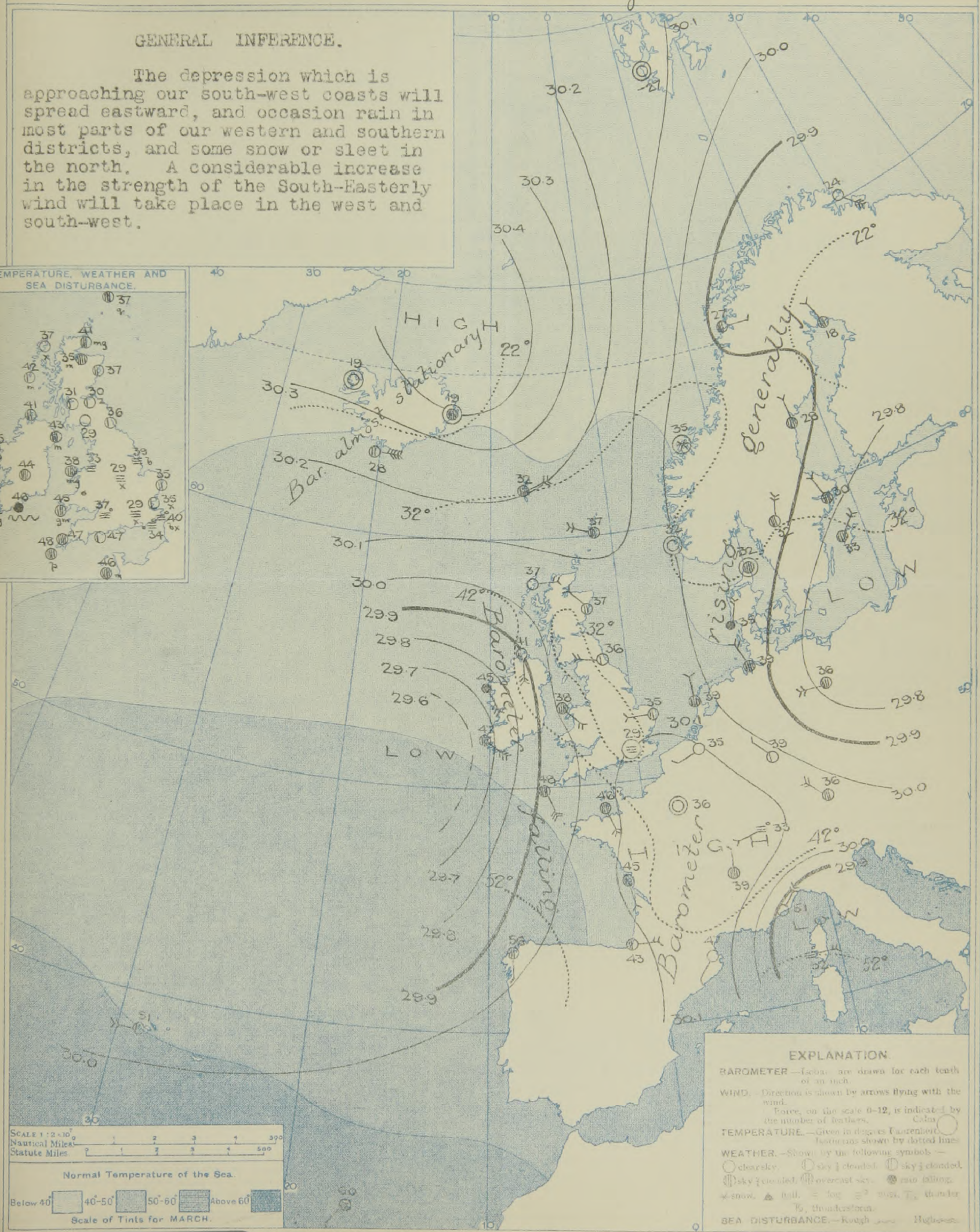
" 10.20 " " IN " 8 and 11

" 10.50 " " " " 6, 7 and 9

0 a, b, 1	Variable breezes finally Easterly: fair. Cold, misty or foggy in places.
2 a, b	Variable breezes finally Easterly: fair to-day, some snow or sleet to-morrow. Remaining cold.
3, 4 a, b, 5	Easterly winds, freshening: fair to-day, some rain or sleet to-night or to-morrow. Becoming temporarily milder.
6 a, b, 7 a, b	Easterly and South-Easterly winds, freshening: fair at first, some rain or sleet later. Remaining cold.
8 a, b	South-Easterly winds, increasing in force: dull, occasional rain. Normal temperature.
9 a, b	Same as Nos. 6 and 7.
10 a, b	Same as No. 8.
Western Channel and Bay. 11	Strong Southerly and South-Easterly winds and a rough sea: cloudy, squally, occasional rain. Normal temperature.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Saturday, 28th MARCH, 1914.



DAILY WEATHER REPORT. Saturday, 28th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.	Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).			°	°			In.	In.		(0-12).	
27th 6pm	51	10	Baltic	O	29.91	–	SW	1-3	c	27th 7am	51	12	Lake Manitoba	H	29.87	+.06	NNW	4-5	c

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	–	52	29	b.bc.b	b	7.6
Scotland.	St. Andrews	0.03	51	29	"	"	9.8
Eng. N.E.	Harrogate	0.07	49	35	b.bc	b	7.8
Eng. N.E.	Scarborough	"	49	38	bc	bc	8.1
Eng. N.E.	Skegness	–	45	41	b	bv	7.6
Eng. N.W.	Morecambe	–	46	38	b	b	10.0
Eng. N.W.	Blackpool						
Eng. N.W.	Southport	–	47	38	o.c.bc	b	9.3
Mid-lands.	Buxton	0.01	48	35	bc	bc	2.8
Mid-lands.	Leamington Spa	0.02	48	39	o.c.b	o.c.b.o	1.8
Mid-lands.	Malvern	–	48	39	m	bc.b	4.6
Wales.	Rhyl	0.06	46	36	bc.c	bc	9.7
Wales.	Colwyn Bay	–	49	39	b	b	9.0
Wales.	Llandudno	–	49	37	b	b	9.2
Wales.	Aberystwyth	–	48	35	bc.b	bc.c	10.5
Wales.	Tenby	0.01	53	46	b	b	8.0
England, E.	Lowestoft	–	44	36	c.bc	bc	8.7
England, E.	Felixstowe	0.06	48	34	bc	bchpq	6.1
England, E.	Walton-on-Naze	0.01	48	35	bc.c	cp.bev	4.9
England, E.	Southend-on-Sea	–	49	38	bc.c	c.bc	2.6

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.12	48	38	b	bc.cp	5.8
England, S.E.	Ramsgate	0.11	47	36	b.bc	c.bc	5.6
England, S.E.	Folkestone	–	49	40	b.bc	b.bc.c	3.7
England, S.E.	Hythe	–	48	36	o.bc	bc.o	3.3
England, S.E.	Littlestone	"	"	"	"	"	2.0
England, S.E.	Hastings	0.08	49	38	od.bc	c.op.b	1.5
England, S.E.	Bexhill-on-Sea	0.02	50	36	om	m	2.0
England, S.E.	Eastbourne	–	51	38	o.c	bc.o.bc	1.1
England, S.E.	Seaford	–	?49	36	c	bc	1.9
England, S.E.	Brighton	–	49	37	og.c.bc	c.bc	2.3
England, S.E.	Worthing	–	50	36	c	bc.b	2.1
England, S.E.	Littlehampton	–	"	"	"	"	2.7
England, S.E.	Southsea	–	50	39	o.bc	bc	4.8
England, S.E.	Ryde	0.04	48	40	bc	bc	4.0
England, S.E.	Ventnor	0.05	51	39	"	"	0.5
England, S.E.	Bournemouth	–	53	36	b	bcg	6.0
England, S.W.	Weymouth	–	55	38	g.b	b	9.3
England, S.W.	Exmouth	0.03	51	40	b	b	8.8
England, S.W.	Teignmouth	–	56	40	bc	bc.b	8.3
England, S.W.	Torquay	–	54	39	bc	bc	6.3
England, S.W.	Paignton	–	55	38	b.bc	bc.b	5.6
England, S.W.	Falmouth	0.50	45	41	or.b	b	9.4
England, S.W.	Bude	0.04	52	43	c.bc	b	8.5
England, S.W.	Ilfracombe	–	50	44	b	b	8.7
England, S.W.	Weston-super-Mare	0.15	51	38	b	b.bc	7.5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	74	73	1.0	48	28	18	0.01	o	op	m
City (Bunhill Row)	"	"	0.1	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	83	80	0.5	48	29	31	–	oe	e	xf.b.
Camden Sq. (Brit. Rainfall)	68	100	1.2	50	30	24	–	o.c	c	
Hampstead (Reservoir)	"	68	1.4	47	36	*	–	bc	bcp	bex.o
Richmond Park	"	"	2.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	77	73	0.9							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
520 Joules	11.3 Milliwatts.	48.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	–	49	37	35	bc.o	bcm	bm	*
Plymouth to 9 p.m.								
Darwen "	–	47	35	35	o.cu	bc	bcu	4.6
Manchester "				"				
Birmingham "								
Oxford to 8 p.m.	"							"
S. Kensington (Museum Grounds to 6 p.m.)	0.05	48	40	27	og	og.or	c.bc	"

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

28th & 29th Mar. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.39	11.58	6.17
	5.36	11.58	6.19
Greenwich	5.47	12.5	6.23
	5.45	12.5	6.25
Wick	5.55	12.17	6.40
	5.52	12.17	6.42
Valencia	6.28	12.46	7.4
	6.26	12.46	7.6

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 50 deg. and upwards in many parts of the country, to 55 deg. at Weymouth, and to 56 deg. at Teignmouth. Very little bright sunshine was recorded over Central and South-Eastern England, but in most other districts the duration was large. Wireless reports show that as far west as the 17th meridian ships experienced moderate to fresh breezes from between South-West and North-West, and cloudy weather.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 29th March 1914.

	STATIONS.	Yesterday Evening. Baron. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	This Morning 7 a.m., G.M.T. Barometer. M.S.L. Lat. 45°	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.	F.°				Hours.
BRITISH ISLANDS.	Lerwick	30·13	37	MNE	4	c	30·07	−·02	39	+2	ESE	6	cq	4	0·05	40	31	bc	bc cps	cpsq	*
	Stornoway	29·94	44	SE	6	oq	29·77	−·03	42	+5	SE	6	orq	5	0·22	48	37	b.bcq	bc.oq	c.orq	?
	Castlebay (Barra Isd.)	29·79	47	E	5	om	29·67	+·01	45	+3	SE	6	op	7	0·25	47	42	bm.o	om	omr.op	1·0
	Glasgow	29·93	43	E	3	o	29·81	−·03	41	+10	E	1	odg	*	0·33	49	30	b.o.c	o.c	or.o	4·3
	Eskdalemuir ...	29·97	43	SE	4	o	29·84	−·01	41	+12	SSE	4	or	*	0·08	48	28	b.bc	o	b.o.bc	5·4
	Malin Head... ...	29·66	44	S	7	r	29·63	+·02	45	+4	S	3	c	3	0·12	47	40	bcm	cmqr	cm	*
	Blacksod Point ...	29·46	48	SSE	5	or	29·55	+·03	48	+3	SW	4	cmp	4	0·41	50	43	or	or	bc.omp	*
	Valencia	29·50	51	S	4	cm	29·63	+·04	48	+1	S	2	c	4	0·91	52	47	omr	om	bc	0·0
	Roche's Point ...	29·59	48	SSE	8	r	29·70	*	48	+2	S	3	b	5	1·09	48	46	r	r	r.o.bm	*
	Birr Castle	29·58	48	SE	3	r	29·67	*	44	0	SE	1	bc	*	0·26	48	43	cd	or	or.bc	0·0
	Donaghadee ...	29·84	47	SSE	5	omp	29·73	+·01	45	+2	S	3	om	4	0·59	47	42	om	omp	omr.om	*
	Liverpool Obsy. ...	29·92	49	SE	3	o	29·83	·00	43	+10	SE	4	rq	4	0·16	51	33	f.bc	o	or	1·2
	Holyhead	29·85	49	SSE	4	omg	29·77	+·03	46	+8	S	5	cm	4	0·21	51	37	omg	od.odm	op.o.r.o	0·0
	Pembroke (St. Ann's Hd.)	29·80	42	SE	6	r	29·79	+·02	47	+2	SSW	3	cm	3	0·41	48	44	cgm	cqm	oqmr	0·0
	Newquay	29·81	48	SE	5	op	29·81	+·04	51	+4	SW	2	c	2	0·20	51	45	o.c	o.op	op	0·0
	Scilly (St. Mary's) ...	29·75	50	S	6	omqr	29·79	+·03	49	+1	SW	3	cm	5	0·26	51	46	omqp	omqp	omr.cm	0·0
	Jersey (St. Aubin) ...	29·98	50	ESE	3	cm	29·92	*	46	0	SE	4	r	4	0·19	52	45	om	o.cm	o.c.or	0·1
	Portland Bill ...	29·97	48	ESE	3	c	29·89	−·01	47	0	SSE	5	or	4	0·22	49	45	bc.c.o	o.c	c.or	*
	Dungeness	30·09	47	ENE	2	bv	30·01	·00	45	+11	SE	4	c	4	–	49	33	bc.b	bv	bvc.c	*
	Dover	30·07	44	E	2	bcz	29·92	*	44	+4	SSE	3	c	4	–	48	40	bz.b	b	bcz.c.o	9·7
	Wick	30·04	42	SE	4	c	29·89	−·03	42	+1	SE	7	omr	5	0·03	44	39	cm.bc	bc.c	cm.omr	*
	Nairn	29·99	44	E	2	cm	29·82	*	44	+9	SSE	1	omg	1	Trace	48	34	bc.c	cg	bcq	2·3
	Aberdeen	30·05	42	SE	2	bc	29·91	−·03	43	+6	SE	5	o	3	–	51	37	bc.b	b.bc	bc.c.o	7·4
	Leith	29·97	44	E	2	o	29·81	−·04	43	+13	E	2	r	*	0·10	47	30	c.bc.c	c.o	or	*
	North Shields ...	30·03	42	ESE	5	c	29·93	−·01	43	+7	SSE	3	o	3	Trace	48	36	bc	cr	c.o.ow	7·7
	Spurn Head ...	30·02	44	ESE	3	c	29·96	−·02	43	+4	SSE	5	o	4	–	50	38	f	f.c	c.b	6·6
	Yarmouth	30·08	46	S	2	bc	30·05	−·02	44	+9	SE	4	c	3	–	53	33	bcm	bc	bc.c	9·2
	Clacton-on-Sea ...	30·09	46	SSE	2	c	30·03	−·01	45	+10	SSE	4	o	3	–	49	34	b.bc	bc.c	c.b.bc.o	10·0
	Nottingham... ...	30·00	48	SSE	2	bc	29·93	*	45	+16	SE	4	o	*	–	53	28	f.m.bc	c.bcm	bc.o	3·6
	Bath	29·97	48	SE	3	o	29·91	*	45	+8	SSE	3	r	*	0·09	53	37	m.o.c	o	or	0·8
	London (Kew Obsy.)...	30·04	47	SSE	1	bcm	29·97	·00	45	+16	SE	3	o	*	Trace	53	28	f.c.f.bcmbq	bc.bcm	bcm.o	3·8
ICELAND, FAEROE, &c.	Spitzbergen	30·06	−27	SE	1	b	30·06	+·02	−24	+3	SE	1	b	*	*	−24	−33				
	Isafjord...	30·30	24	NE	3	b	30·25	+·02	24	+5	NE	7	bc	*	*	*	*				
	Reykjavik	30·21	29	E	4	b	30·06	−·04	26	+3	E	4	bc	*	*	*	*				
	Vestmanna	30·15	30	NE	10	b	29·96	−·02	32	+4	ENE	10	c	3	*	*	*				
	Seydisfjord	30·40	26	ENE	2	o	30·29	−·04	23	+4	ENE	2	s	*	*	*	*				
	Thorshavn	30·21	33	ENE	5	o	30·04	−·04	39	+7	E	7	m	*	*	*	*				
NORTHERN EUROPE.	Vardö	29·84	24	SW	6	b	29·76	·00	26	+2	WNW	2	b	2	–	27	21				
	Bodö	30·02	28	N	2	o	30·07	+·01	29	+2	NW	4	c	2	?	30	23				
	Christiansund ...	30·11	33	N	2	s	30·19	+·02	32	−3	–	0	c	3	0·39	37	30				
	Skudesnaes	30·07	37	–	0	b	30·13	+·01	34	+2	NE	2	b	1	–	43	30				
	Færder (X'iania Fjord)	29·98	37	WSW	2	b	30·13	+·06	33	+2	N	2	b	1	–	37	30				
	The Scaw (Skagen)...	30·05	35	NNW	1	b	30·13	+·03	34	+2	–	0	b	0	–	39	30				
	Blaavands Huk ...	30·12	37	WNW	1	b	30·16	+·04	38	+3	NNW	1	b	1	–	41	34				
	Haparanda	29·91	21	SW	2	b	29·98	+·03	10	−8	N	2	b	*	–	30	0				
	Hernösand	29·96	28	S	2	b	30·13	+·04	26	−2	–	0	b	*	–	36	18				
	Stockholm	29·96	30	N	2	b	30·04	+·04	28	−2	NNW	2	b	*	–	32	25				
	Wisby	29·91	33	NNE	6	o	30·03	+·05	33	0	N	4	b	*	–	34	30				
	Karlstad	29·99	35	–	0	b	30·14	+·04	28	−4	NW	2	b	*	–	41	23				
	St. Petersburg ...	29·81	37	–	0	o	29·84	+·01	35	+1	NNE	1	r	*	0·12	?	34				
CENTRAL EUROPE.	Berlin	29·99	39	NW	3	o	30·13	+·04	36	0	NW	3	o	*	0·28	43	36				
	Frankfurt	30·13	42	–	0	c	30·21	+·02	32	−7	–	0	f	*	Trace	46	30				
	Munich	30·16	36	W	4	c	30·20	+·01	34	−2	NW	3	bc	*	0·04	39	30				
	Vienna													*							
	Cuxhaven	30·11	40	N	1	o	30·17	+·02	36	−3	W	1	o	0	–	41	34				
	The Helder	30·14	42	E	1	b	30·15	+·02	38	−1	SE	1	b	1	–	45	36				
	Brussels	30·13	41	ESE	1	b	30·12	+·01	39	+4	SE	1	b	*	–	53	35				
FRANCE.	C. Gris Nez... ...	30·07	45	ENE	3	bc	30·04	·00	42	+3	SE	3	o	2	–	52	39				
	La Hève	30·02	50	SE	3	c	29·99	*	43	+6	ESE	4	o	2	–	54	36				
	Ushant...	29·84	50	S	6	r	29·84	*	51	0	SSW	3	o	3	0·20	52	45				
	Brest (St. Mathieu) ...	29·89	50	SSE	6	o	29·90	+·03	50	+1	SW	2	b	5	0·16	55	48				
	Rochefort (Ile d' Aix)	29·95	55	SE	3	c	29·91	+·01	47	+2	ESE	3	o	*	–	61	45				
	Biarritz	29·89	59	ESE	3	bc	29·98	+·08	54	+11	W	4	o	3	–	66	43				
	Paris	30·10	47	ESE	2	b	30·10	+·01	40	+4	SE	2	c	*	–	54	36				
	Belfort	30·19	40	W	3	o	30·21	*	33	0	ENE	4	m	*	–	50	28				
	Lyons	30·13	46	–	0	b	30·10	*	34	−6	–	0	b	*	–	52	32				
	Nice	29·91	52	–	0	b	30·02	+·04	52	+1	–	0	b	2	–	63	43				
	Perpignan	30·01	54	SE	1	b	30·02	+·01	50	+3	–	0	o	*	–	64	41				
	Sanguinaire							*													
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	29·88	61	S	3	c	30·04	+·04	51	−5	SSW	1	b	3	0·20	63	45				
	Madrid...	29·92	65	–	0	c	30·02	+·04	52		–	0	c	*	–	68	48				
	Lisbon (9 a.m.) ...	30·01	58	SW	4	*	30·12	+·10	55	−1	NNW	1	b	5	0·04	61	52				
	Gibraltar							°													
	Rome	29·89	52	–	0	b	30·01	+·04	41		–	0	b	*	–	64	39				
	Azores (Horta, 8 a.m.)	29·95	*	SW	5	c	29·77	+·01	56	+5	WSW	5	r	5	0·32	61	51				
	Madeira (Funchal) ...	30·15	61	N	1	bc	30·20	?	57	−3	N	1	b	2	?	68	55				

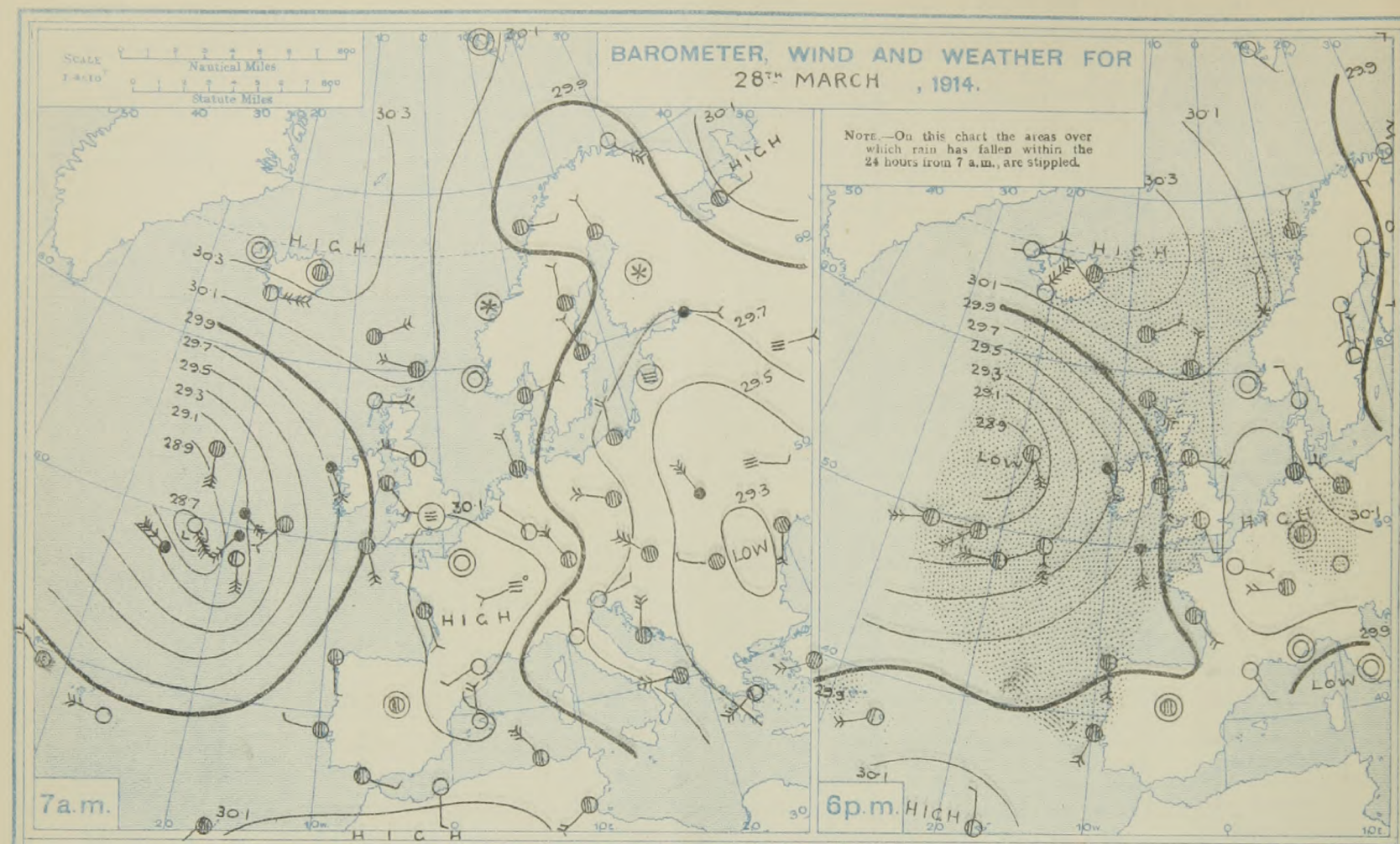
GALES.

Duration and Extreme Force in British Islands.

Roche's Point
Noon – 6pm SSE 8.

* Information for these columns not usually received.

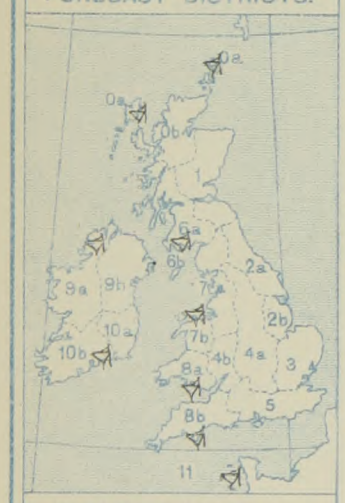
† Received too late for insertion in Charts.



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

		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.
Station		S. Farnborough		S. Farnborough		Eskdalemuir		Eskdalemuir		S. Farnborough					
Date & Hour		23rd	7 h.	25th	7 h.	27th	12 h.	28th	12 h.	28th	7 h.				
Heights in Kilometres	5.0			+16	−4	+3	−7			+18	−15				
	4.0			+7	−2	+4	−10			+7	−4				
	3.0			+10	−2	+3	−7			+2	−2				
	2.0	+10	0	+9	0	0	−2			+2	−1				
	1.0	+11	+2	+8	0	+3	0	−5	+5	0	+3				
	0.5	+11	+3	+8	0	+3	0	−5	+4	−1	+6				
	Ground	+3	+2	+1	+1	+2	+1	−5	+5	−2	+3				
Station															
Date & Hour															
Heights in Kilometres															

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

South Cone. South Cone.

North Cone. North Cone.

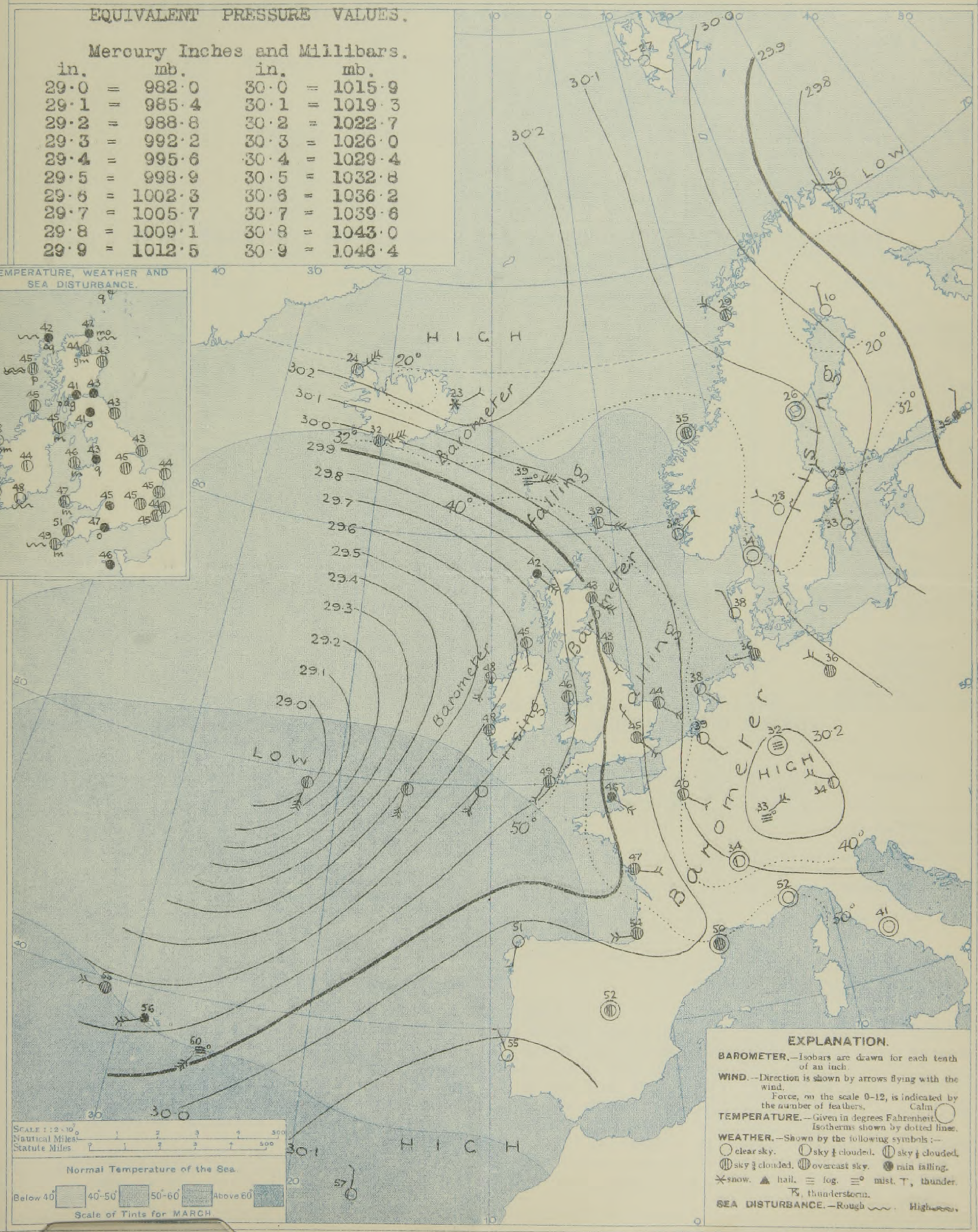
SOUTH CONE HOISTED

AT 8·45 AM. YESTERDAY in DISTRICT 10.
" 10·20 " " " " 8 & 11
" 10·50 " " " " 6, 7 & 9
" 7·15 PM. " " " 0.

Western Channel and Bay. 11

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Sunday, 29TH MARCH, 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.

DAILY WEATHER REPORT. Sunday, 29th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
28th, 6pm.	49	25	Cymric	O	29.09	+.14	WSW	6-7	c.
" "	49	21	Baltic	O	29.07	+.07	SW	8-9	c
" "	48	19	Zeeland	H	29.48	+.16	W	6-7	c
" "	50	18	Andania	O	29.10	+.02	SSW	8-9	c
" "	54	17	Columbia	H	28.87	-.04	SSE	6-7	c
" "	49	14	Alaunia	H	29.34	+.06	S	8-9	bc

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
28th, 7a.m.	48	26	Royal George	O	28.88	+.26	ESE	4-5	c.
" "	47	24	Zeeland	H	29.14	-.01	WNW	8-9	r
" "	49	22	Cymric	O	28.68	-.18	SE	12	b
" "	53	21	Columbia	H	28.96	.00	S	6-7	o
" "	48	18	Minneapolis	H	28.96	+.01	S	6-7	bc.
" "	50	14	Andania	O	29.31	-.09	SW	1-3	o

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	–	49	30	b	bc c.o.	6.0
	Scarborough	*					
	Skegness	–	50	39	b	bc.	5.5
Eng. N.W.	Morecambe	–	52	30	b	bc.og	3.4
	Blackpool	–	49	29	bm.c.o	o	2.7
	Southport	–	52	31	fbc.o	o.c.o	0.6
Mid. lands.	Buxton	–	48	26	bc	bc.	2.3
	Leamington Spa	–	54	29	bc	o	3.6
	Malvern	–	58	38	b.bc	bcz	2.6
Wales.	Rhyl	–	53	30	c.bc.c	o	1.1
	Colwyn Bay						
	Llandudno						
	Aberystwyth	–	52	35	h.o	c.o	0.2
	Tenby	–	48	45	g	g	0.0
England, E.	Lowestoft						
	Felixstowe	–	49	32	b	b bc.	10.5
	Walton-on-Naze	–	49	34	bm.b	bc	10.2
	Southend-on-Sea	–	53	34	bc	bc	8.8

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	0.04	53	33	b	b	9.6
	Ramsgate	0.53	48	32	b	b	9.7
	Folkestone	–	52	36	b	b	9.2
	Hythe	–	52	29	b	b	9.0
	Littlestone	*	*	*	*	*	9.0
	Hastings	–	50	37	bc.b	b.bc.b	7.9
	Bexhill-on-Sea	–	50	37	b	b	7.6
	Eastbourne	0.01	49	30	og	b.bc.og	4.5
	Seaford	–	52	32	b	b	5.8
	Brighton	–	50	32	c.bc.	c	5.5
	Worthing	–	53	32	bc	bc	4.1
	Littlehampton	–	*	*	*	*	4.8
	Southsea						
	Ryde						
	Ventnor				*	*	
	Bournemouth	–	49	32	o	o	0.2
England, S.W.	Weymouth	–	50	39	gc.	bcm.	0.2
	Exmouth						
	Teignmouth	–	52	36	c	c	0.3
	Torquay	0.03	51	38	o	c.o.	0.3
	Paignton	0.06	51	34	o.c	c	0.3
	Falmouth	–	50	42	o	o	0.0
	Bude						
	Ilfracombe	–	52	39	o	o	0.2
	Weston-super-Mare						

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	61	70	7.9	57	42	29	–	b	b	b.o
City (Bunhill Row)	*	*	2.9	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	68	80	3.9	53	45	41	–	bc	bcm	bc.
Camden Sq. (Brit. Rainfall)	59	70	3.7	54	36	37	–	f.bc	bc	*
Hampstead (Reservoir)	*	56	4.0	51	43	?	–	c.o	c.o	o.of.o
Richmond Park	*	*	4.9							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	54	68	3.7							

Vertical Component of Solar Radiation per square Centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
1155 Joules	25.5 Milliwatts.	58.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.01	47	37	34	bmp	of	ob	0.0
Plymouth to 9 p.m.	–	50	37	33	c.b.	o	o	1.1
Darwen "	–	49	30	27	bc.	c.b.	bc.o	3.5
Manchester "	–	52	31	*	bc.b	b.bc.c.	o	3.2
Birmingham "	–	51	34	28	c	c	o	2.9
Oxford to 8 p.m.	*	53	30	23	bcmcm	cmbcz	cz.o	*
S. Kensington (Museum Grounds to 6 p.m.)	–	52	33	18	bmxcz	czc.bc	b.bcz	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

29th & 30th Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.36	11.58	6.19
	5.34	11.58	6.21
Greenwich	5.45	12.5	6.25
	5.43	12.5	6.27
Wick	5.52	12.17	6.42
	5.48	12.17	6.45
Valencia	6.26	12.46	7.6
	6.24	12.46	7.8

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 50° or a few degrees higher in several parts of the Kingdom. Rain was experienced in the west and south, and at some northern stations, about 1·0 in. in the south of Ireland. Bright sunshine was abundant in the east and south of England and also at Harrogate. According to wireless reports strong winds and gales from between South and West prevailed very generally on the Atlantic between the Irish coast and the 25th 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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 30th March, 1914.

	STATIONS.	Yesterday Evening. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	This Morning 7 a.m., G.M.T. Barometer. M.S.L. Lat. 45°.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Sea 0–9.	Past 24 hours. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Afternoon.	Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.°	°					In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.99	41	ESE	6	orq	29.85	-.02	44	+5	SSE	4	om	3	0.47	44	38	cq	orq	orq.om	*
	Stornoway	29.78	47	S	1	c	29.71	-.03	44	+2	S	4	or	4	0.16	48	42	or.o	o.c	c.or	*
	Castlebay (Barra Isd.)	29.73	48	SSE	5	omp	29.63	-.02	47	+2	SSE	4	op	5	0.26	48	45	op.o	omp	ombcp	0.4
	Glasgow	29.83	48	S	2	c	29.77	-.04	43	-2	SE	3	og	*	0.29	49	41	c.r.o	o.c	bc.bor.	0.2.
	Eskdalemuir ...	29.90	44	SSE	3	o	29.83	-.02	42	+1	SSW	3	otm	*	0.31	45	40	or	or.o	o.otm	0.0
	Malin Head... ...	29.69	51	SSW	2	bc	29.68	+.01	46	+1	SW	4	bc	3	0.06	54	44	bcm	bcm	bc	*
	Blacksod Point ...	29.58	52	S	4	cv	29.57	+.02	49	+1	SSW	6	cm	5	0.22	54	46	cmbcg	bcg	cmqp	*
	Valencia	29.55	49	SSE	5	mr	29.64	+.01	50	+2	S	4	om	4	0.40	54	47	bcp	bc.mr	omr	5.6
	Roche's Point ...	29.74	49	S	5	o	29.75	*	49	+1	SSW	4	o	5	0.25	53	47	bm	c.om	r.o.bm.o	*
	Birr Castle	29.70	51	SE	2	c	29.71	*	46	+2	SE	2	c	*	0.07	57	43	cp	c	or.c.	8.2
	Donaghadee ...	29.80	49	S	3	bcm	29.76	+.01	47	+2	SSW	3	c	3	0.14	54	45	bcm	bcm	bc.omr	*
	Liverpool Obsy. ...	29.90	49	ESE	3	c	29.89	+.01	45	+2	SE	3	bc	3	0.06	52	43	or	bc	o.c	2.8
	Holyhead	29.86	48	S	3	bm	29.84	+.03	48	+2	SSW	4	ome	3	0.15	52	45	opd.c.o	o.c.bc.o	o.c.b.r.o	3.5
	Pembroke (St. Ann's Hd.)	29.89	47	S	2	bc	29.88	+.05	48	+1	SSW	4	cm	4	0.18	50	47	cm	bcm	bcm	4.6
	Newquay	29.90	50	S	3	c	29.94	+.04	52	+1	S	3	om	3	0.12	57	48	bbc.	bc.b.	bc.or	8.0
	Scilly (St. Mary's) ...	29.86	50	S	4	cm	29.88	+.02	50	+1	SSW	4	omr	5	0.14	55	48	bm	cm	omr.om	7.7
	Jersey (St. Aubin) ...	30.01	53	S	2	bm	30.14	*	49	+3	S	4	om	4	0.12	55	43	or.orm	bc.bm	bmw.om	3.5
	Portland Bill ...	29.95	48	S	2	bc	30.01	+.02	49	+2	S	5	or	4	0.14	50	44	cp	bc	bc.or.	*
	Dungeness	30.03	48	ESE	2	o	30.11	+.01	48	+3	SSW	3	c	3	–	51	44	c	c.o	c.bc	*
	Dover	30.01	49	SSE	1	c	30.13	*	47	+3	SSW	3	oz	4	–	50	42	c	c.bc.c	oz	1.1
	Wick	29.83	44	SE	6	c	29.77	-.04	44	+2	SE	5	cgm	4	0.03	44	42	omr.d	cmp	bcemd	*
	Nairn	29.82	46	SSE	2	c	29.76	*	44	0	S	1	om	1	–	52	39	gm.c	bcm	bcm	1.8
	Aberdeen	29.90	44	SSE	4	o	29.85	-.02	43	0	SSE	4	o	3	0.06	44	43	or	or.o	om.	0.0
	Leith	29.83	50	SE	2	o	29.79	-.04	45	+2	ESE	2	o	*	0.04	51	42	o.c.	o.c.bc.	bc.op	*
	North Shields ...	29.94	45	SSE	3	r	29.90	-.02	44	+1	SSE	3	r	3	0.03	47	42	op	omr	odmg	0.0
	Spurn Head ...	29.98	45	S	5	r	29.98	-.01	42	-1	S	4	cm	4	trace	48	40	o	op	o	0.0
	Yarmouth	30.07	45	SE	3	o	30.10	+.02	42	-2	SW	2	o	2	–	48	42	c	c.o	o	0.9
	Clacton-on-Sea ...	30.03	46	SE	2	ogm	30.10	+.02	46	+1	SSE	2	c	1	–	47	41	o.cm	c.ogm	ogm.c.	0.6
	Nottingham... ...	30.00	45	S	3	o	29.99	*	45	0	SSE	2	op	*	0.15	47	43	or	r.o	o	0.0
	Bath	29.97	49	ESE	1	o	30.00	*	49	+4	SW	3	r	*	0.10	52	45	r.o.	o	or	0.5
	London (Kew Obsy.)...	30.03	45	SE	1	omr	30.08	+.02	47	+2	S	2	om	*	0.08	49	40	omp.o	omr	otm.o	0.0
ICELAND, FAEROE, &c.	Spitzbergen	30.12	-17	SE	1	b	30.18	+.04	-24	0	SE	1	b	*	*	-13	-29				
	Isafjord...	30.16	28	NE	7	c	30.06	-.01	29	+5	NE	5	o	*	*	*	*				
	Reykjavik	29.96	36	E	4	c	29.83	-.03	33	+7	E	4	c	*	*	*	*				
	Vestmanna	29.88	34	ENE	10	o	29.76	+.01	38	+6	ENE	9	c	3	*	*	*				
	Seydisfjord	30.25	27	NE	4	s	30.11	-.04	28	+5	NE	3	s	*	*	*	*				
	Thorshavn	29.96	38	E	5	r	29.74	-.03	42	+3	NE	2	m	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.59	21	WSW	8	b	29.66	-.08	23	-3	SSW	8	b	4	–	27	18				
	Bodö	30.12	29	W	4	c	30.13	.00	28	-1	W	4	c	2	?	29	25				
	Christiansund ...	30.23	34	NE	1	b	30.18	-.03	31	-1	SE	1	b	3	–	37	28				
	Skudesnaes	30.15	39	SSE	4	c	30.15	-.01	39	+5	SSE	6	o	4	–	43	34				
	Færder (X'iania Fjord)	30.24	36	WSW	1	b	30.26	.00	37	+4	SW	1	c	1	–	37	32				
	The Scaw (Skagen)...	30.25	38	S	1	b	30.28	+.01	37	+3	SSW	1	b	0	–	?46	32				
	Blaavands Huk ...	30.26	38	–	0	b	30.27	.00	37	-1	SSE	2	c	1	–	43	32				
	Haparanda	30.02	23	–	0	b	30.12	+.03	15	+5	NW	2	b	*	–	28	7				
	Hernösand	30.30	28	–	0	b	30.31	+.01	19	-7	–	0	b	*	–	37	9				
	Stockholm	30.22	34	N	2	b	30.32	+.01	33	+5	SSW	2	o	*	–	39	27				
	Wisby	30.21	35	N	4	b	30.39	+.06	34	+1	–	0	b	*	–	36	27				
	Karlstad	30.24	36	–	0	b	30.30	.00	34	+6	–	0	o	*	–	43	27				
	St. Petersburg ...	29.88	32	N	3	s	30.08	+.10	44	+9	NW	2	b	*	0.51	*	32				
CENTRAL EUROPE.	Berlin	30.25	39	N	1	o	30.38	+.04	35	-1	E	1	b	*	–	39	32				
	Frankfurt	30.18	45	SE	1	b	30.31	+.01	37	+5	NE	1	m	*	–	48	32				
	Munich	30.21	37	E	4	b	30.36	+.03	32	2	E	3	b	*	–	45	27				
	Vienna	30.22	37	NNW	3	b	30.32	+.04	37	?	NW	3	c	*	–	45	34				
	Cuxhaven	30.23	39	–	0	b	30.26	.00	36	0	S	4	ox	1	–	43	34				
	The Helder	30.13	46	E	1	c	30.16	+.03	43	+5	S	2	bc	1	–	46	38				
	Brussels	30.08	47	E	2	c	30.20	+.06	45	+6	SW	1	c	*	–	56	39				
FRANCE.	C. Gris Nez... ...	30.03	50	SE	2	o	30.14	+.02	45	+3	S	3	o	2	–	55	42				
	La Hève	30.04	48	SW	2	o	30.18	*	46	+3	S	4	bc	3	–	54	41				
	Ushant...	29.95	52	S	4	bc	30.00	*	52	+1	SSW	5	f	5	–	52	46				
	Brest (St. Mathieu) ...	30.04	54	SSW	3	b	30.07	+.02	51	+1	S	5	f	5	0.08	57	50				
	Rochefort (Ile d' Aix)	30.13	52	W	3	c	30.29	+.04	47	0	SSW	3	m	*	0.04	55	46				
	Biarritz	30.17	53	W	3	bc	30.29	+.01	48	-6	SE	2	b	2	0.08	54	43				
	Paris	30.03	52	–	0	b	30.26	+.06	42	+2	S	2	b	*	–	57	38				
	Belfort	30.08	46	ENE	6	bc	30.31	*	41	+8	W	2	c	*	–	50	33				
	Lyons	30.04	54	–	0	o	30.32	*	47	+13	–	0	r	*	–	60	?34				
	Nice	30.10	50	–	0	b	30.23	+.06	47	-5	–	0	o	1	–	61	43				
	Perpignan	30.08	54	–	0	o	30.30	+.07	53	+3	NW	3	b	*	0.04	60	49				
	Sanguinaire							*													
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.06	62	SW	3	c	30.24	.00	54	+3	SSE	3	bc	3	–	63	50				
	Madrid...	30.05	60	W	1	bc	30.39	+.06	47	-5	NE	1	b	*	–	63	39				
	Lisbon (9 a.m.) ...	30.26	55	WNW	1	b	30.30	+.04	50	-5	NNE	2	bc	6	–	63	48				
	Gibraltar	30.20	56	W	5	b	30.18	*	51		NE	1	b	1	–	66	50				
	Rome	30.08	52	–	0	b	30.19	+.01	43	+2	NW	1	o	*	–	66	41				
	Azores (Horta, 8 a.m.)	29.74	*	WSW	5	r	29.76	+.04	53	-3	W	3	c	4	1.26	61	52				
	Madeira (Funchal) ...	30.25	58	NE	2	b	30.21	-.01	57	0	NE	2	b	2	–	66	54				

GALES.

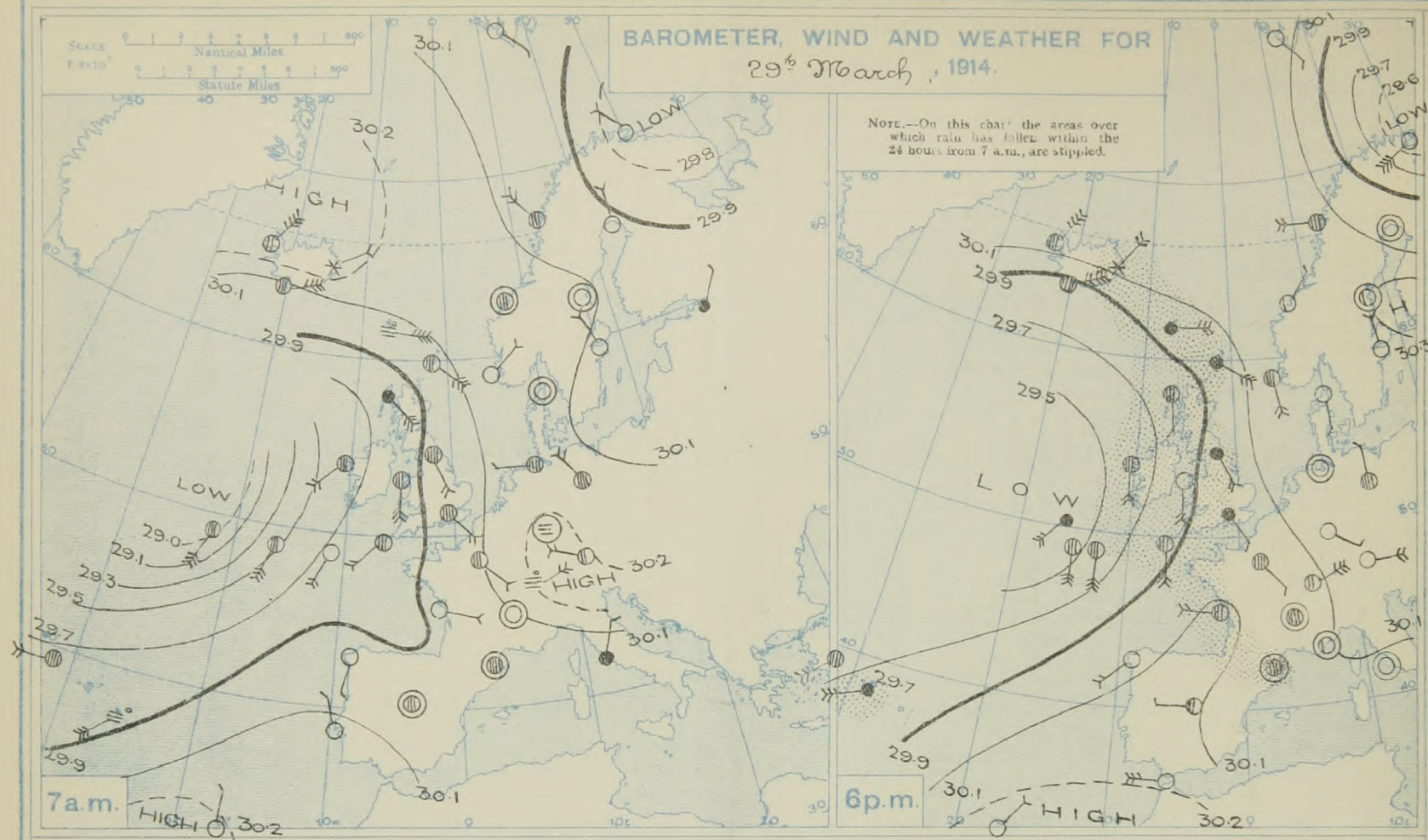
Duration and Extreme Force in British Islands.

Roche's Point. 8 pm – 11 pm. S. 8.

Wick. 9 am – 4 pm. SE 8.

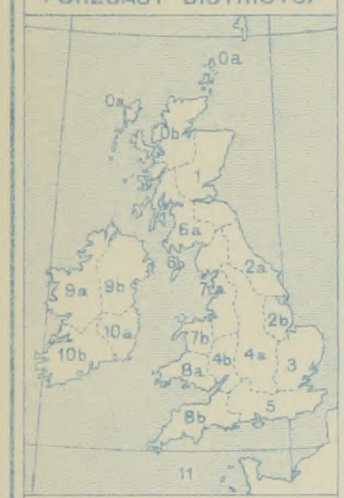
* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

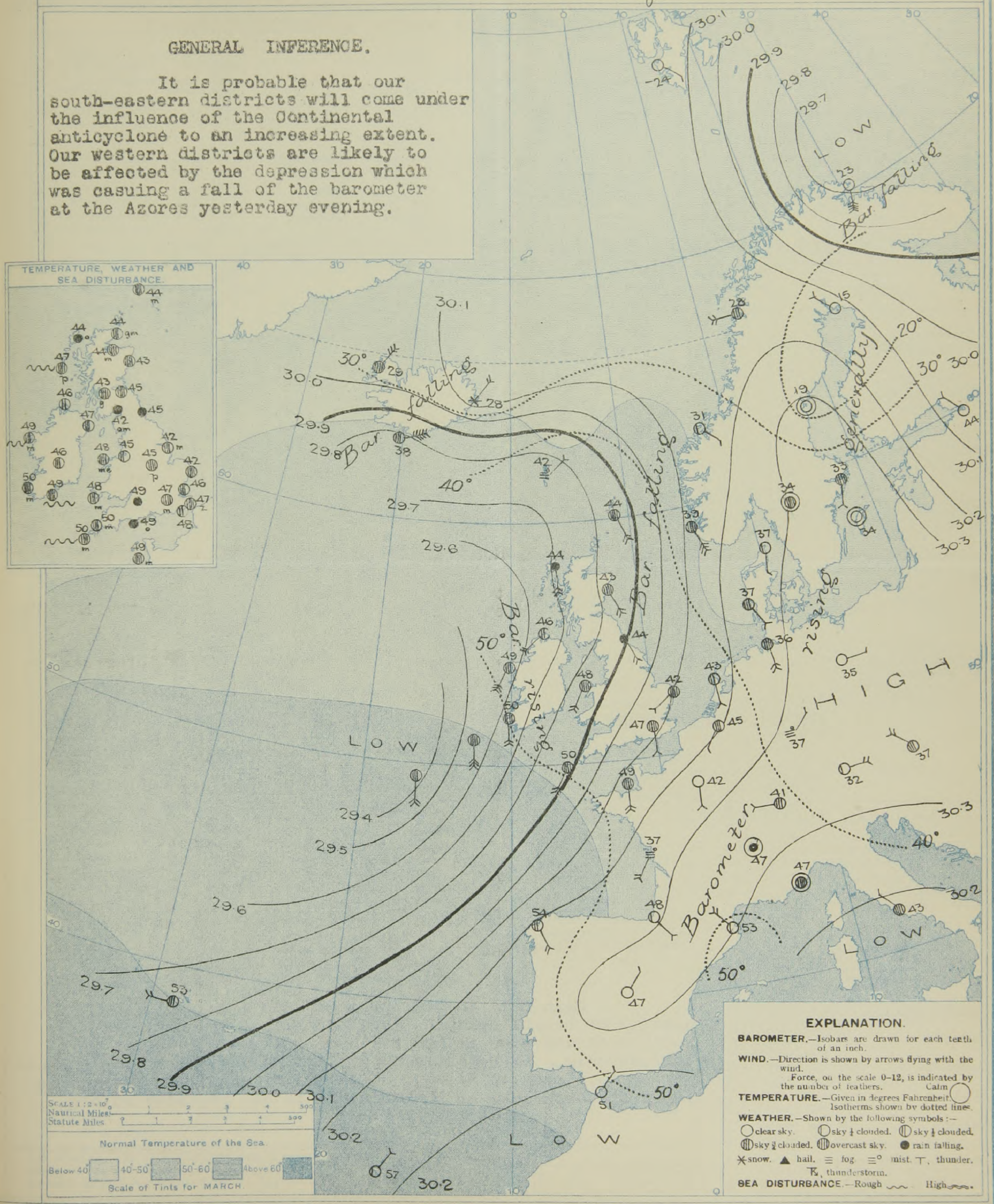
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 (a, b)	Moderate to fresh or strong Southerly or South-Westerly winds: mostly cloudy, some rain: moderate temperature.
1, 2 (a, b)	Moderate to fresh Southerly winds: fair intervals, occasional rain: little change of temperature.
3, 4 (a, b), 5	Moderate or fresh Southerly or South-Westerly winds: showery at first, then improving: rather warmer.
6 (a, b)	Same as No. 0.
7 (a, b), 8 (a, b)	Same as Nos. 1 and 2.
9 (a, b), 10 (a, b)	Same as No. 0.
Western Channel and Bay. 11	Wind Southerly or South-Westerly, moderate to strong: sea rather rough: changeable, some rain and mist.

FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 a.m., Monday, 30th MARCH, 1914.



DAILY WEATHER REPORT. Monday, 30th March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
30th, 7 p.m.	49	16	Minnewaska	O	29·35	-·08	S	4·5	c.
" "	51	12	Dominion	O	29·52	-·03	S	6·7	o
29th, 6 p.m.	49	12	Minnewaska	O	29·42	-·14	S	6·7	c
" "	49	11	Zealand	H	29·52	+·01	S	6·7	c.
" 1 p.m.	49	13	Zealand	H	29·51	·00	S	8·9	o

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0-12).	
29th, 1 p.m.	49	11	Corinthian	O	29·60	-·06	SW	6·7	o
" 7 a.m.	49	21	Ausonia	O	28·93	-·07	SSW	6·7	c.
" "	49	15	Zeeland	H	29·54	-·02	SSW	6·7	c
" "	51	10	Mauretania	O	29·56	-·05	SSW	6·7	b
" "	49	10	Alaunia	H	29·72	+·08	SW	4·5	b

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland	Oban						
	St. Andrews				*	*	
Eng. N.E.	Harrogate	0·24	43	38	or	or	0·0
	Scarborough	*	47	40	o·c	o	0·0
	Skegness	–	49	42	bc·cg	cgp	0·0
Eng. N.W.	Morecambe						
	Blackpool	0·30	51	43	or·c.	bcm	1·0
	Southport	0·23	51	43	otm·c	c·bc·o.	0·5
Midlands.	Buxton	0·28	47	39	or·o.	or·o	0·0
	Leamington Spa	0·14	47	43	or	o	0·0
	Malvern	0·28	50	43	r	o·c.	0·7
Wales.	Rhyl	0·05	55	42	o·c·bc.	bc·c·r	1·4
	Colwyn Bay	–	58	46	bc	bc	4·0
	Llandudno	–	57	43	c.	bc	3·4
	Aberystwyth	0·06	56	46	bc	bcz	3·3
	Tenby						
England, E.	Lowestoft						
	Felixstowe	–	47	43	o·c	o	0·8
	Walton-on-Naze	–	46	44	c	cm	0·6
	Southend-on-Sea	–	49	42	bc	o	0·4

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	–	52	43	o·c.	c.o.	1·0
	Ramsgate	–	49	42	bc	b	1·5
	Folkestone	–	55	44	bc·b	b·bc.	1·9
	Hythe						
	Littlestone	*	*	*	*	*	0·7
	Hastings	–	50	44	o·c.	bc·o	1·1
	Bexhill-on-Sea	–	49	45	bc.	omr	1·5
	Eastbourne	0·01	49	45	o	o	0·0
	Seaford						
	Brighton	0·04	49	46	o	or	0·0
	Worthing	0·05	49	45	c	r	0·0
	Littlehampton	0·03	*	*	*	*	0·0
	Southsea	0·17	49	45	c·or	or·o	0·0
	Ryde	0·14	46	44			0·0
	Ventnor	0·25	52	43	*	*	0·0
	Bournemouth	0·40	48	44	r·o	r·o.	0·0
England, S.W.	Weymouth	0·31	51	45	otm	m.c.	1·2
	Exmouth						
	Teignmouth	0·37	58	47	c·bc.	bc.	5·6
	Torquay	0·24	56	47	c·bc	bc·c	5·9
	Paignton	0·29	56	46	c·bc	bc	5·6
	Falmouth	0·24	56	46	c·bcp	bc.	7·7
	Bude	0·48	56	44	bctp	bctp	3·5
	Ilfracombe	0·34	55	45	c·bc	ctr·bc.	3·8
	Weston-super-Mare	0·20	55	45	dc.b.	b·bctr	2·5

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 A.M. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	95	81	0·0	51	40	29	0·04	o	o·op	op
City (Bunhill Row)	*	*	0·0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	95	92	0·0	49	42	36	0·07	od·r	od·c	dr·or
Camden Sq. (Brit. Rainfall)	–	83	0·0	50	42	35	0·10	–	–	*
Hampstead (Reservoir)	*	91	0·0	47	41	?	0·11	or	or	or
Richmond Park	*	*	0·0							
Kew. (See front page.)										

Vertical Component of Solar Radiation per square centimetre during Yesterday.

	Total.	Average Rate.	Max. Rate.
S. Kensington (Roof of M.O.)	384 Joules	8·4 Milliwatts.	22·5 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0·23	57	43	40	or·b.	bc	bc.	0·0
Plymouth to 9 p.m.								
Darwen "								
Manchester "	0·11	48	44	*	of.or·o.	o·or	op·c.	0·0
Birmingham "	0·16	46	41	40	r	r·o	o	1·6
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	0·06	49	45	36	–	or·o.	o·omr	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

30th & 31st Mar., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5·34	11·58	6·21
	5·32	11·57	6·22
Greenwich	5·43	12·5	6·27
	5·40	12·4	6·28
Wick	5·48	12·17	6·45
	5·45	12·16	6·48
Valencia	6·24	12·46	7·8
	6·21	12·45	7·9

NOTES ON YESTERDAY'S WEATHER.

Rain fell in most parts of the country. The amounts of bright sunshine were mostly small, but in the south-west and also in the south of Ireland the totals were considerable, Birr Castle reports 8·2 hours, Newquay 8·0 hours. Temperature rose to 57 deg. at these two stations, but over a large area the maximum thermometer did not register 50 deg.

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday, 31st March, 1914.

	STATIONS.	YESTERDAY EVENING. Barom. M.S.L. Lat. 45°.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. M.S.L. Lat. 45°	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.	Sea 0-9.	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for Yesterday.
		In.	F.°				In.	In.	F.						In.	F.°	F.°				Hours.
BRITISH ISLANDS.	Lerwick	29.77	44	SSE	3	om	29.48	-.05	46	+2	SSW	3	cp	2	0.32	46	42	opm	orm	omr	*
	Stornoway	29.67	47	S	1	og	29.58	+.09	47	+3	SW	6	bc	5	0.74	53	44	or.bc	bc.og	or.bcp	*
	Castlebay (Barra Isd.)	29.53	47	E	5	r	29.71	+.09	48	+1	WSW	5	c	5	0.34	50	46	op.bcg	bcm.p	b.r.o.p.c	5.7
	Glasgow	29.74	49	SSE	3	od	29.83	+.10	46	+3	WSW	3	bc	*	0.27	53	42	op.c	op.p	or.bc	2.3
	Eskdalemuir ...	29.84	47	SSW	5	orm	29.88	+.06	45	+3	SW	5	oq	*	0.82	50	41	orm.oq	oq.orm	orq	0.2
	Malin Head... ...	29.50	50	SSE	6	o	29.80	+.10	46	0	SW	4	b	1	0.08	52	45	cpmq	ogmq	bcm	*
	Blacksod Point ...	29.47	50	SSW	6	opq	29.82	+.07	47	-2	SSW	3	cm	3	0.73	53	45	crmq	ogr	cqpcm	*
	Valencia	29.65	53	S	5	om	29.93	+.07	50	0	S	2	o	4	0.06	53	39	opm	om	o	0.0
	Roche's Point ...	29.76	51	SSW	5	r	30.00	*	49	0	SW	2	c	4	0.17	52	48	om	orm	r.o.c	*
	Birr Castle	29.65	54	S	4	c	29.93	*	45	-1	S	1	c	*	0.06	55	44	cp	cp	cp.c	1.2
	Donaghadee ...	29.72	50	S	5	om	29.87	+.07	48	+1	SSW	3	c	3	0.03	53	47	cm	opm	ompcm	*
	Liverpool Obsy. ...	29.89	54	SSE	3	o	29.98	+.04	52	+7	SW	5	o	4	0.01	59	45	b	bc.op	oq	5.5
	Holyhead	29.84	50	S	5	fe	29.97	+.04	49	+1	SW	5	ome	4	0.10	52	48	o.c.fem	op.ofe	or.opd	0.1
	Pembroke (St. Ann's Hd.)	29.91	49	SSW	6	f	30.07	+.08	49	+1	SW	7	cgqm	7	0.08	50	48	cm	cqm	qf	0.0
	Newquay	30.00	53	S	5	o	30.16	?	52	0	S	4	om	3	0.06	54	52	opm	om	o	0.0
	Scilly (St. Mary's) ...	29.96	52	SSW	5	om	30.12	+.04	51	+1	SSW	5	om	5	0.07	54	49	orm	om	om	0.0
	Jersey (St. Aubin) ...	30.23	54	SW	4	o	30.34	*	50	+1	S	4	b	3	trace	55	47	om	o.c	ombmw	0.0
	Portland Bill ...	30.12	51	SSW	5	o	30.23	+.03	50	+1	SSW	5	bc	5	0.06	51	47	r.o	rm.o	o.c.bc	*
	Dungeness	30.19	50	WSW	4	cgp	30.28	+.02	50	+2	SW	4	c	4	0.06	51	47	cpq	cpq	cw.c	*
	Dover	30.16	50	SW	5	org	30.27	*	50	+3	SW	4	b	4	0.08	51	46	zo.c	c.op.r	opr.c.b	0.5
	Wick	29.75	45	SE	2	bc	29.57	+.03	45	+1	SSW	5	bc	3	0.17	48	43	or.bcm	bcm	or.c.bc	*
	Nairn	29.72	52	SSW	1	om	29.65	*	46	+2	SSW	1	bc	2	0.12	55	41	p.bc	bc.mg	or	2.0
	Aberdeen	29.79	48	S	4	o	29.69	+.04	48	+5	SW	5	b	3	0.04	52	43	ogm	bc.o	or.o.c.b	1.5
	Leith	29.77	53	S	3	o	29.80	+.07	49	+4	W	3	c	*	0.16	59	45	o.c.bc	c.og	or	*
	North Shields ...	29.89	55	SSW	3	o	29.87	+.02	52	+8	SW	3	cp	2	0.01	59	44	or.c	og	o.or	5.0
	Spurn Head ...	29.98	51	S	4	c	30.00	+.01	51	+9	SSW	5	cq	5	0.10	56	41	cm	cp	cp	2.1
	Yarmouth	30.12	53	SSW	2	o	30.18	+.03	51	+9	SW	3	c	2	0.08	56	41	orm	o	o.c	1.8
	Clacton-on-Sea ...	30.15	49	SSW	3	og	30.23	+.01	48	+2	SW	3	bc	3	—	50	45	c.o	og	og.bc	0.0
	Nottingham... ...	30.00	55	SW	5	o	30.05	*	54	+9	SW	7	o	*	0.01	58	45	o.c	o	op	0.2
	Bath	30.07	54	SSW	5	o	30.17	*	53	+4	SW	6	o	*	0.02	58	48	r.o	p.orq	p.oq	0.4
	London (Kew Obsy.)...	30.14	52	SSW	3	o	30.22	+.03	51	+4	SW	4	bq	*	0.04	53	47	om.odq	odm	od.oq.bq	0.0
ICELAND, FAEROE, &c.	Spitzbergen	30.18	-16	SE	1	b	30.00	-.04	-4	+20	—	0	s	*	*	-4	-26				
	Isafjord...	29.92	34	—	0	s	29.95	+.03	30	+1	NE	8	o	*	*	*	*				
	Reykjavik	29.80	39	E	3	b	29.75	.00	28	-5	—	0	bc	*	*	*	*				
	Vestmanna	29.74	38	NE	9	b	29.70	.00	35	-3	—	0	o	2	*	*	*				
	Seydisfjord	30.00	30	NE	5	s	29.87	-.01	31	+3	NE	3	s	*	*	*	*				
	Thorshavn	29.67	44	ENE	1	f	29.50	-.04	42	0	ENE	3	m	*	*	*	*				
NORTHERN EUROPE.	Vardö	29.80	26	NW	9	bc	29.91	+.02	23	0	NW	8	c	5	?	28	16				
	Bodö	30.19	27	SW	2	b	30.13	-.03	21	-7	E	4	b	2	—	32	16				
	Christiansund ...	30.03	37	SE	1	c	29.82	-.10	37	+6	SE	2	c	3	—	37	31				
	Skudesnaes	30.04	40	SSE	6	o	29.76	-.08	42	+3	S	6	r	4	0.28	43	37				
	Færder (X'iania Fjord)	30.22	38	S	4	o	30.02	-.06	38	+1	SE	4	m	2	—	39	36				
	The Scaw (Skagen)...	30.23	40	SSW	7	o	30.02	-.08	41	+4	SSE	4	m	1	0.04	43	36				
	Blaavands Huk ...	30.19	43	S	2	o	30.06	-.02	44	+7	SW	3	m	2	0.20	46	36				
	Haparanda	30.14	19	SW	2	b	30.19	+.03	8	-7	N	2	b	*	—	34	-4				
	Hernösand	30.23	28	—	0	c	30.15	-.01	29	+10	ENE	4	s	*	trace	32	18				
	Stockholm	30.27	36	S	2	o	30.20	-.03	37	+4	SSW	2	bc	*	—	43	32				
	Wisby	30.37	34	SW	2	bc	30.28	-.05	38	+4	SSW	2	b	*	—	39	32				
	Karlstad	30.26	38	—	0	c	30.12	-.06	35	+1	SE	2	o	*	—	45	30				
	St. Petersburg ...	30.26	26	NW	1	b	30.28	-.02	25	-19	SSW	1	c	*	—	*	19				
CENTRAL EUROPE.	Berlin	30.36	46	SE	2	b	30.35	.00	42	+7	S	1	o	*	—	50	35				
	Frankfurt	30.34	55	—	0	m	30.49	+.04	44	+7	SW	2	m	*	—	59	37				
	Munich	30.39	46	NNE	2	b	30.56	+.01	42	+10	SW	4	bc	*	—	52	32				
	Vienna	30.43	38	NNE	1	b	30.54	+.02	32	-5	W	1	b	*	—	46	28				
	Cuxhaven	30.25	49	S	2	o	30.20	-.01	50	+14	SW	4	o	1	0.16	52	?36				
	The Helder	30.20	48	SSW	3	o	30.23	+.01	48	+5	SSW	5	bc	3	trace	52	43				
	Brussels	30.31	54	SSW	1	o	30.37	+.02	51	+6	SW	3	c	*	—	61	45				
FRANCE.	C. Gris Nez... ...	30.22	50	SSW	5	o	30.28	+.04	50	+5	SSW	5	bc	4	0.04	52	45				
	La Hève	30.27	54	SW	4	o	30.36	*	48	+2	S	4	b	3	—	55	43				
	Ushant...	30.18	50	SSW	6	o	30.23	*	52	0	S	3	b	5	—	52	45				
	Brest (St. Mathieu) ...	30.21	53	SSW	5	m	30.30	+.02	50	-1	SSE	3	b	5	—	55	48				
	Rochefort (Ile d'Aix)	30.37	55	N	1	b	30.36	-.01	48	+1	SE	3	b	*	—	64	46				
	Biarritz	30.26	65	ENE	3	b	30.28	.00	54	+6	SE	2	b	4	—	68	46				
	Paris	30.36	57	S	2	c	30.45	+.02	45	+3	SSE	2	b	*	—	62	40				
	Belfort	30.42	51	W	3	m	30.55	*	41	0	—	0	m	*	—	59	36				
	Lyons	30.43	53	N	1	b	30.52	*	42	-5	NNW	1	b	*	—	60	40				
	Nice	30.33	53	—	0	b	30.49	+.04	56	+9	—	0	b	0	—	61	43				
	Perpignan	30.34	63	N	1	b	30.46	+.03	46	-7	—	0	b	*	0.04	70	40				
	Sanguinaire	*	54	N	3	m	*	*	50	0	E	2	m	2	—	59	46				
SOUTHERN EUROPE.	Corunna (8 a.m.) ...	30.26	67	SSW	3	b	30.23	.00	50	+4	SSE	1	b	3	—	66	42				
	Madrid...	30.25	67	E	1	b	30.40	+.02	50	+3	NE	2	c	*	—	67	43				
	Lisbon (9 a.m.) ...																				
	Gibraltar																				
	Rome	30.34	54	W	1	b	30.42	+.02	46	+3	N	1	b	*	—	63	43				
	Azores (Horta, 8 a.m.)	29.82	*	SW	5	bc	29.93	+.02	52	-1	WNW	3	r	4	0.04	59	52				
	Madeira (Funchal) ...	30.21	58	ENE	2	c	30.20	+.01	57	0	ENE	2	c	2	—	64	55				

GALES.

Duration and Extreme Force in British Islands.

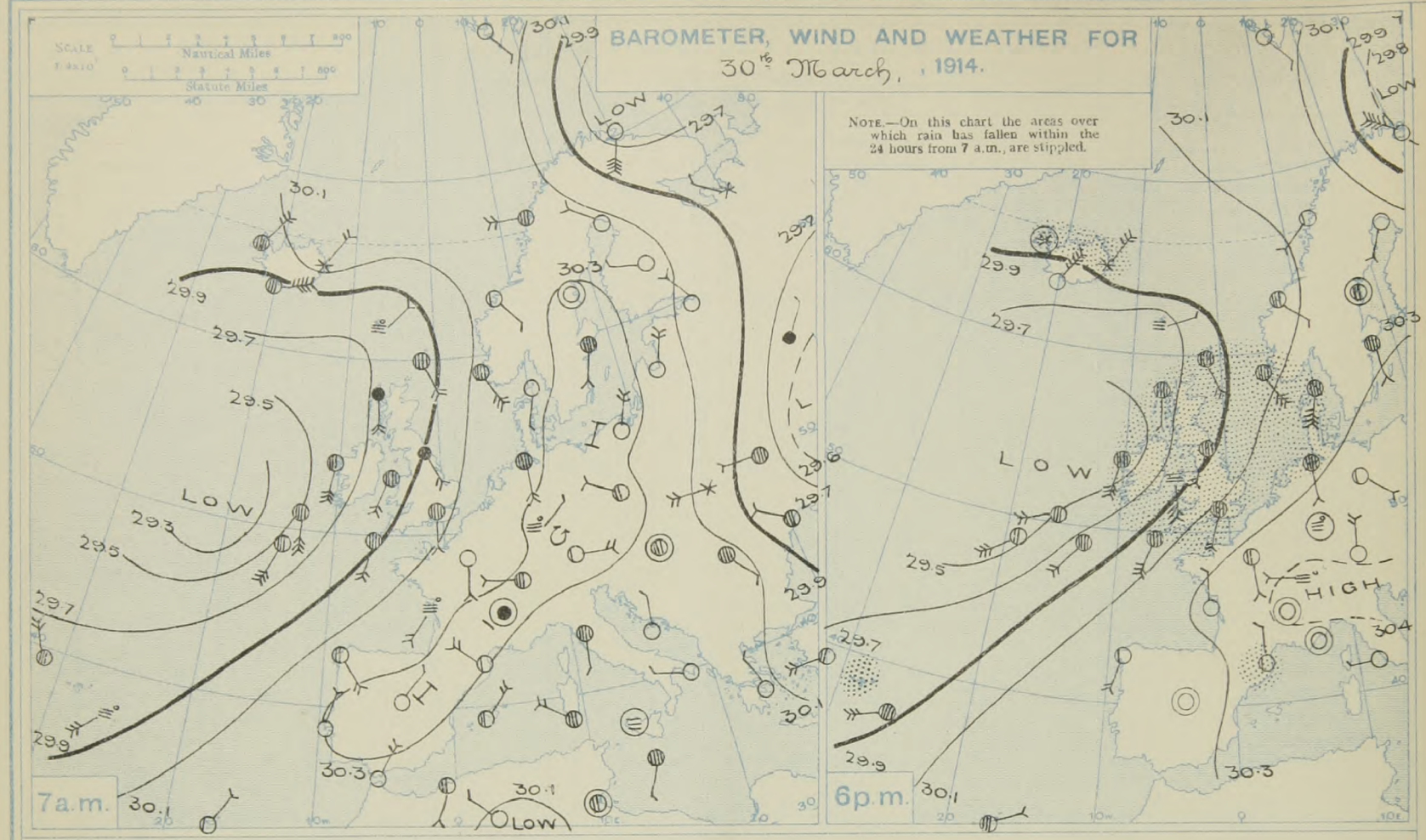
Eskdalemuir 30th, 9 p.m. SSW 8.

Pembroke 30th, 10 p.m.–31st, 6 a.m. SSW 8.

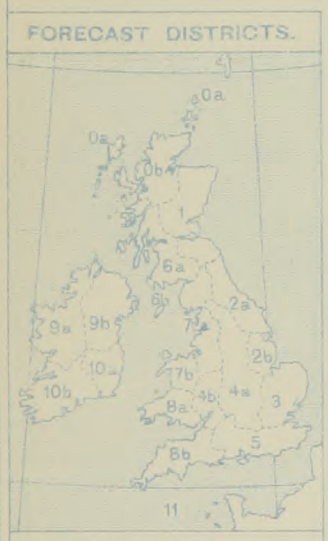
Bath 30th, 9 p.m. SSW 8.

* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.



STORM WARNINGS.

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

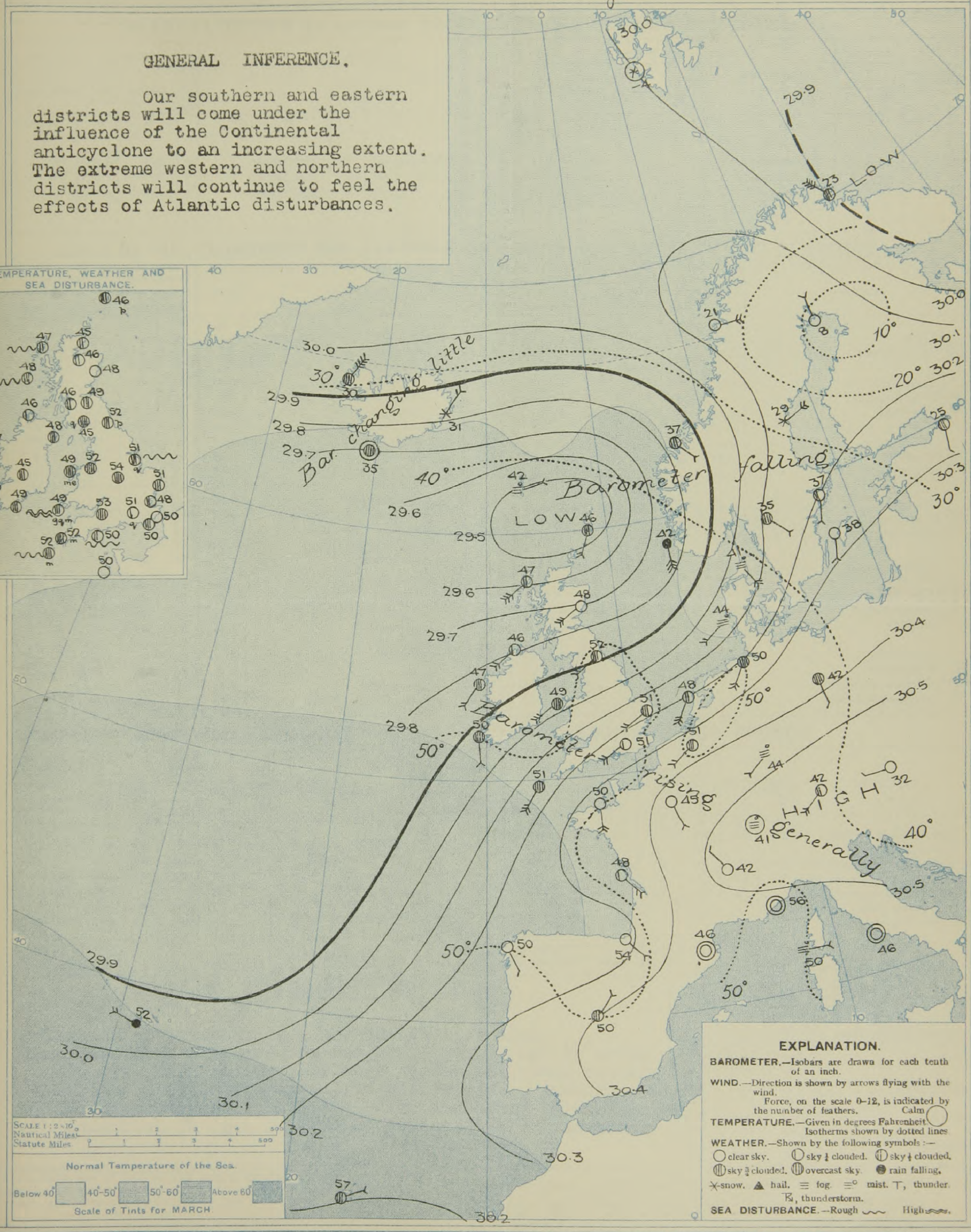
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

0 a, b	Wind between West and South, strong at times: fair intervals, some showers: mild.
1, 2 a, b	Moderate to fresh South-Westerly winds: changeable, some showers, considerable fine intervals: mild.
3, 4 a, b, 5	Moderate or fresh South-Westerly winds: mostly fair: mild.
6 a, b	Same as No. 0.
7 a, b	Same as Nos. 1 and 2.
8 a, b	Same as Nos. 3 to 5.
9 a, b	Same as No. 0.
10 a, b	Same as Nos. 1 and 2.
Western Channel and Bay. 11	Fresh South-Westerly winds over mouth Channel, less strong further south: sea moderate: mostly fair: mild.

FURTHER OUTLOOK. Districts 2 to 5, 7 and 8. More settled than of late.

SYNOPTIC CHART FOR 7 a.m., Tuesday, 31st MARCH, 1914.



DAILY WEATHER REPORT. Tuesday, 31st March, 1914.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
	°	°			In.	In.		(0–12).	
30th, 6pm	48	19	Minnewaska	O	29.48	·00	SSW	4-5	bc
" "	49	18	Corinthian	O	29.48	·00	WSW	6-7	b
" "	49	16	Maryland	O	29.68	+·04	SSW	4-5	b
" "	50	15	Dominion	O	29.53	+·04	WSW	4-5	c

Date and Hour.	Position. Lat. N.	Position. Long. W.	Name of Ship	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather
	°	°			In.	In.		(0–12).	
30th, 6pm	49	12	Kroonland	O	29.71	+·01	SW	4-5	o
" 7a.m.	49	13	Maryland	O	29.60	−·07	SSW	6-7	c
" "	49	9	Kroonland	O	29.79	−·06	S	6-7	m

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

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
Scotland.	Oban	0.15	54	44	c.op	or	2.0
	St. Andrews	0.15	57	41	*	*	3.7
Eng. N.E.	Harrogate	0.05	58	42	bc.b.	bc.o.	5.6
	Scarborough	*	58	41	o.c.	o.c.	3.2
	Skegness	0.07	56	45	r.cg	bcg.c.	0.2
Eng. N.W.	Morecambe	0.05	54	45	bc	bc.og	4.2
	Blackpool	0.05	58	44	c.bc.	c.o	4.5
	Southport	0.04	60	44	b.bc.c.	op.o	5.8
Midlands.	Buxton	0.15	54	41	bc.r	bc.	2.8
	Leamington Spa	0.07	58	40	o	o	0.0
	Malvern	0.03	58	44	c	c.od	0.7
Wales.	Rhyl	0.02	59	44	c.bc.c.	c.r	2.6
	Colwyn Bay	0.10	57	45	bc	bc.d	4.7
	Llandudno	–	57	44	c	bc	3.5
	Aberystwyth	0.02	55	47	o.c.o.	o.od	0.2
	Tenby	0.18	54	49	oe	d.	0.0
England. E.	Lowestoft	0.07	53	40	bc.or	o.c.o.	2.2
	Felixstowe	0.01	52	41	o.cp	o	0.2
	Walton-on-Naze	–	49	42	om	omp.o.	0.0
	Southend-on-Sea	–	51	35	cd	o	0.1

	Stations.	Rainfall.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 6 p.m.
		In.	F.°	F.°			Hr.
England, S.E.	Margate	–	55	40	o	o.c.	0.2
	Ramsgate	–	56	40	o	o	0.1
	Folkestone	–	50	44	bc	or	0.4
	Hythe	0.01	52	39	o	o	0.5
	Littlestone	*	*	*	*	*	0.0
	Hastings	0.09	51	44	o.c.	or.o.	0.2
	Bexhill-on-Sea	0.08	50	45	bc	or	0.2
	Eastbourne	0.12	51	42	ogw	odr	0.0
	Seaford	0.22	49	43	o.r	r	0.0
	Brighton	0.10	49	46	op	po.	0.0
	Worthing	0.11	50	45	od	od	0.0
	Littlehampton	0.04	*	*	*	*	0.0
	Southsea	0.05	52	46	o.or	o	0.0
	Ryde	0.07	52	47			0.0
	Ventnor	0.06	51	44	*	*	0.0
	Bournemouth	0.15	52	45	r	od	0.0
England, S.W.	Weymouth	0.14	52	47	op	op	0.0
	Exmouth	0.25	53	48	p.bc	bcp	0.0
	Teignmouth	0.27	53	48	op.r	or.c	0.0
	Torquay	0.24	54	48	o	r.o.	0.0
	Paignton	0.25	54	47	op	o	0.2
	Falmouth	0.31	54	49	orq	oq	0.0
	Bude	0.15	57	47	or.p	or.o.	0.0
	Ilfracombe	0.54	58	49	or	r.o	0.0
	Weston-super-Mare	0.36	59	46	c	bc.od	0.3

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Sunshine for Yesterday.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Forenoon.	Weather. Afternoon.	Weather. Night.
				24 Hours ended 9 a.m. To-day.						
	%	%	Hr.	F.°	F.°	F.°	In.			
Greenwich (Royal Obsy.)	87	66	0.0	57	49	42	0.06	op	o	opo.b
City (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	85	63	0.0	58	50	47	0.03	or	o	od.r.b
Camden Sq. (Brit. Rainfall)	86	68	0.0	57	49	45	0.04	or.o	o.or	*
Hampstead (Reservoir)	*	71	0.0	55	47	45	0.06	or	or	o.bc.b
Richmond Park	*	*	0.0							
Kew. (See front page.)										
S. Kensington (Roof of M.O.)	85	65	0.0							

Vertical Component of Solar Radiation per square centimetre during Yesterday.

Total.	Average Rate.	Max. Rate.
312 Joules	6.8 Milliwatts.	17.0 Milliwatts.

Additional Observations for Yesterday.

Stations.	Rainfall.	Temperature. In Screen. Max.	Temperature. In Screen. Min.	Temperature. Night Min. on Grass.	Weather. Night.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for Yesterday.
	In.	F.°	F.°	F.°				Hr.
Dublin to 4 p.m.	0.01	58	46	43	opb.b	bc	c.	*
Plymouth to 9 p.m.	0.28	51	49	47	oq	o	ou	0.0
Darwen "	0.28	57	42	42	our.c.	bc.	bc.or	5.6
Manchester "	0.03	59	46	*	or.c	b.bc.	bc.c.or	5.1
Birmingham "	0.04	56	44	41	r	o	o.r.	0.0
Oxford to 8 p.m.	*	56	43	39	o.or	or.o.c.	c.or	*
S. Kensington (Museum Grounds to 6 p.m.)	0.05	53	43	31	or.o.	o	or.od	*

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

31st Mar. & 1st Apr., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.32 / 5.30	11.57 / 11.59	6.22 / 6.24
Greenwich	5.40 / 5.38	12.4 / 12.4	6.28 / 6.30
Wick	5.45 / 5.42	12.16 / 12.16	6.48 / 6.50
Valencia	6.21 / 6.19	12.45 / 12.45	7.9 / 7.11

NOTES ON YESTERDAY'S WEATHER.

Rain fell during the past twenty-four hours in all parts of the country, but the amounts were as a rule small. Rather heavy falls are reported from the north-western districts. Very little bright sunshine was experienced in the south. Further north there were considerable fair intervals. Temperature touched 60 deg. 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; 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.

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ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

MARCH, 1914.

ADDITIONS AND CORRECTIONS TO THE

1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0. to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n. 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.	Sunshine for Yesterday.
		In.	°				In.	In.	°	°					In.	°	°				Hours.
16th	Malin Head						29.44	+.18	40	-2	N	8	r	7	0.28	45	32	.	.	cmgr	.
"	Blacksod Point	.	.	.	.	.	29.73	+.16	40	-4	NNW	7	cqph	6	0.20	50	37	.	.	cqph	.
17th	Blacksod Point	30.03	44	NW	5	cph	29.74	-.08	42	+2	WSW	5	omp	4	0.13	46	38	bcqph	bcqph	cph	.
"	Portland Bill	29.92	46	NW	8	bq	30.08	-.01	44	-3	WNW	5	b	4	trace	48	42	cqp	cq	bq	.
19th	Eastbay	.	.	.	.		29.06	.00	35	-5	S	2	ors	3	0.08	44	34	.	.	bcors	4.8
2nd	Lisbon	30.22	53	N	6	b	30.25	+.03	51	-3	NNE	5	b	5	–	64	48				
"	Funchal	30.23	60	NE	4	b	30.22	+.03	59	+1	NE	4	b	4	–	64	54				
3rd	Lisbon	30.35	50	N	5	b	30.47	+.04	46	-5	NNW	3	b	5	–	55	43				
"	Funchal	30.28	60	NE	5	b	30.36	+.02	53	-6	NE	5	bc	5	–	64	52				
4th	Funchal	30.42	58	NE	4	b	30.42	+.03	56	+3	ENE	5	b	5	–	63	52				
5th	Rochfort	30.16	50	N	6	r	30.05	-.01	51	+4	WSW	6	r	.	0.04	52	46				
"	Lisbon	30.46	51	NNW	4	o	30.42	+.02	50	+1	NNW	3	b	5	–	57	48				
"	Funchal	30.41	56	ENE	4	b	30.41	-.01	53	-3	ENE	4	b	4	–	63	52				
6th	Funchal	30.36	56	ENE	3	b	30.33	.00	51	-2	ENE	3	b	4	–	64	50				
7th	Lisbon	30.33	53	N	3	bc	30.25	.00	67	+12	SW	5	bc	5	–	68	53				
10th	Lisbon	29.82	54	SW	3	r	29.87	+.04	52	-6	NW	1	bc	5	0.39	59	50				
15th	Madrid	30.26	61	NW	3	bc	30.51	+.08	44	0	–	0	b	.	–	64	37				
17th	Funchal	30.48	60	NE	3	b	30.38	-.01	56	-4	NE	3	b	3	–	70	55				
18th	Lisbon	30.17	51	NNW	3	b	30.16	+.03	55	+3	WSW	4	o	6	–	55	50				
"	Funchal	30.32	58	NE	2	b	30.39	+.03	55	-3	NE	2	b	2	–	66	52				
20th	Corunna	29.82	52	SW	6	o	29.65	+.04	52	+2	WSW	7	o	7	0.32	57	46				
21st	Madrid	29.71	56	WNW	5	bc	30.06	+.10	58	+12	NW	1	b	.	0.08	58	36				
"	Lisbon	30.10	53	WNW	4	r	30.19	+.07	53	-2	WNW	3	b	6	–	59	48				
23rd	Madrid	29.75	47	WNW	4	c	30.13	+.04	42	+1	WNW	2	b	.	0.16	48	37				
"	Lisbon	30.15	55	SW	4	o	30.08	+.02	56	+4	WSW	6	r	5	–	59	52				
26th	St. Petersburg	29.86	27	E	3	bc	29.77	-.01	19	0	E	3	r	.	–	32	18				
"	Vienna	29.26	50	SSW	3	o	29.26	+.01	39	+2	NW	1	c	.	–	54	37				
"	Madrid	29.84	56	W	4	r	30.06	+.04	46	-6	WSW	1	bc	.	trace	59	43				
"	Lisbon	30.13	56	WNW	4	bc	30.17	+.04	56	-2	WSW	3	bc	6	trace	59	52				
"	Rome	29.51	55	–	0	b	29.38	+.06	52	-2	NW	1	r	.	1.02	59	50				
27th	Madrid	29.96	54	WNW	1	o	30.10	+.05	50	+4	W	1	bc	.	–	59	46				
"	Lisbon	30.16	58	SW	4	r	30.15	+.02	57	+1	W	1	o	6	trace	61	55				
28th	St. Petersburg	29.71	33	E	3	r	29.70	+.02	34	+9	ESE	2	r	.	0.35	..	25				
"	Vienna	29.62	45	NW	4	o	29.78	+.06	40	-4	NW	3	b	.	–	50	39				
"	Madrid	30.05	63	NW	1	b	30.09	+.01	51	+1	NE	1	c	.	–	64	45				
"	Lisbon	30.09	57	NW	2	b	30.02	+.01	56	-1	WNW	1	c	5	–	63	54				
"	Rome	29.63	52	N	1	o	29.75	+.03	41	-7	W	1	o	.	–	61	41				
29th	Vienna	29.97	40	NW	5	o	30.05	.	38	-2	NW	4	c	.	–	45	37				
30th	Sanguinaire	30.15	54	E	1	m	30.23	.	50	.	E	2	m	2	–	57	50				
31st	Lisbon	30.18	59	NNW	4	b	30.15	+.02	57	+7	NNE	4	b	6	–	68	50				

GALES.

Duration and Extreme Force in British Islands.

Additions

6th. Holyhead. 5th, 5am.
Extreme W 8
Gust 59 m.p.h.

7th. Spurn Hd. 6th, 1pm.
Gust W 68 m.p.h.

12th. Holyhead.
11th between 9pm and Midt.
Gusts S. 49 m.p.h.

15th. Southport. 14th. 1am-4am
Extreme W 8.
Gust 60 m.p.h.

16th. Malin Hd. 15th, 2am-7am.
Extreme N 9 at 3am.

16th. Aberdeen. 15th, 10am
Squall W. 56 m.p.h.

16th. Southport. 15th, 10am-11am
Extreme NNW 8
Gust 56 m.p.h.

17th. Portland Bill.
16th, 6am-6p.m.
Extreme W. 10 between 7am and 1p.m.

REPORTS FOR MARCH, 1914.

2.—CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0. to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n. 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.	Sunshine for Yesterday.
		In.	°				In.	In.	°	°					In.	°	°				Hours.
1st	Donaghadee															52					
"	Pembroke		47		5	c															
2nd	Glasgow																			crsp.o	
3rd	Eskdalemuir																				4.1
"	Valencia		47																		
"	Roche's Point						30.15														
"	Wick		36																		
"	Yarmouth						29.92														
4th	Nairn																	bc rsc		cpg	
5th	North Shields	29.42																			0.2
"	Haparanda	29.46	32	S	2	o	29.34	-.02	28	-2	SSE	4	o		–	34	28				
6th	Roche's Point															55					
7th	North Shields			NW									b			49					7.6
8th	Dover																41				
"	Wick								30	-7						41					
"	Nairn															44					
"	Aberdeen																	bq			
9th	Wick									-2			bc3x					bc3			
"	North Shields												b								0.0
"	Spurn Head			SW																	
10th	Eastbay						29.64														
"	Dover						29.59														
"	Yarmouth		36																		
11th	Eastbay	29.73																			
"	Malin Head														0.16						
"	Rome								61	+6											
12th	Glasgow	29.85				c3															
"	Newquay							+.06													
13th	Eskdalemuir					c															
"	North Shields																36				
"	London (Kew Obs)						30.04														
14th	Malin Head								44	+3											
"	Skaravands Hulk	30.17		ESE	7	m	29.85	-.03	38	+4	SSE	8	r	5	0.04						
15th	Dungeness															50					
16th	Glasgow																	crhpc	crhpc		
"	Pembroke			WSW																	
"	Nairn																30				
17th	Birr Castle			W																	
18th	Blacksod Point									-6						47		omp	oqmr		
"	Dover						29.33										39				
"	Wick						29.06														
"	North Shields																				0.9
19th	Eskdalemuir																			b.t.gox	
"	Holyhead																			pbpc	7.2
"	North Shields																				0.0
20th	Donaghadee																32				
"	Dover														0.48						
"	North Shields																				1.4
21st	Glasgow														0.09						
"	Birr Castle										W										
"	Holyhead																	bcp.o.bc			
"	Portland Bill																37				
"	Nottingham															40					
"	Berlin	29.31	48			o	29.28		42	+7		1			0.04	54	35				
22nd	Eskdalemuir																	odq.cq	cqbc		3.7
"	Blacton-on-Sea						29.32														2.0
23rd	Glasgow								33	-5											
"	Eskdalemuir	29.48																			
"	Valencia								46	+6											
"	Portland Bill																40				
"	Blacton-on-Sea																				8.7
24th	Roche's Point																	c.ogp			
25th	Holyhead																37				3.2
"	Berlin																33				
26th	Portland Bill	28.97																			
"	Dover						29.06														
"	North Shields																				1.2
27th	Eastbay						29.73														
"	Blacksod Point															52					
"	North Shields																				0.5
"	Spurn Head																39				
28th	Blacksod Point															52					
"	Roche's Point						29.79														
"	Dungeness						30.10														
"	North Shields																33				
"	Blacton-on-Sea																				8.2
29th	Eastbay													6							
30th	Glasgow									+2					0.29			d.r.o			
31st	Glasgow														0.37						
"	Valencia																49				
"	Holyhead																				0.2

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS — MARCH, 1914.

Date of Report	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
		°	°			In.	In.		(0–12).	
				ADDITIONS.						

Date of Report.	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Name of Ship.	O = Outward. H = Homeward.	Barometer. Reading.	Barometer. Change in 3 hours.	Wind. Direc.	Wind. Force.	Weather.
		°	°			In.	In.		(0–12).	
				CORRECTIONS.						
1st	28th, 7am	.	19	Canada	.	.	.			.
"	" 6pm	.	16	Ascania	.	.	.			.
2nd	1st, 7am	.	12	Canada	.	.	.	WNW	6	cr
7th	6th "	50	.	Oceanic	.	.	.			.
8th	7th "	.	24	Numidian	.	.	.			.
"	" 6pm	.	20		.	29.56	.			bc
9th	8th, 7am	.	16		.	.	.			.
"	" 6pm	55	13		.	.	.			.
10th	9th "	.	.	Corinthian	.	29.90	.			.
21st	20th, 7am	.	26	Scandinavian	.	.	.			.
"	" 6pm	.	21		.	.	.			.
22nd	21st, 7am	54	16		.	29.44	.		5	
"	" 6pm	54	12		.	29.30	.			.
23rd	22nd, "	.	.	Sardinian	.	29.37	+01			.
24th	23rd, 7am	.	.	Mongolian	.	29.42	.			.
"	" 6pm	.	.		.	29.32	.			.
25th	24th, 6pm	49	20		0	29.05	−·10	W	6-7	c.
27th	26th, 7am	.	.		.	29.66	.			.