M.O FORM 2373

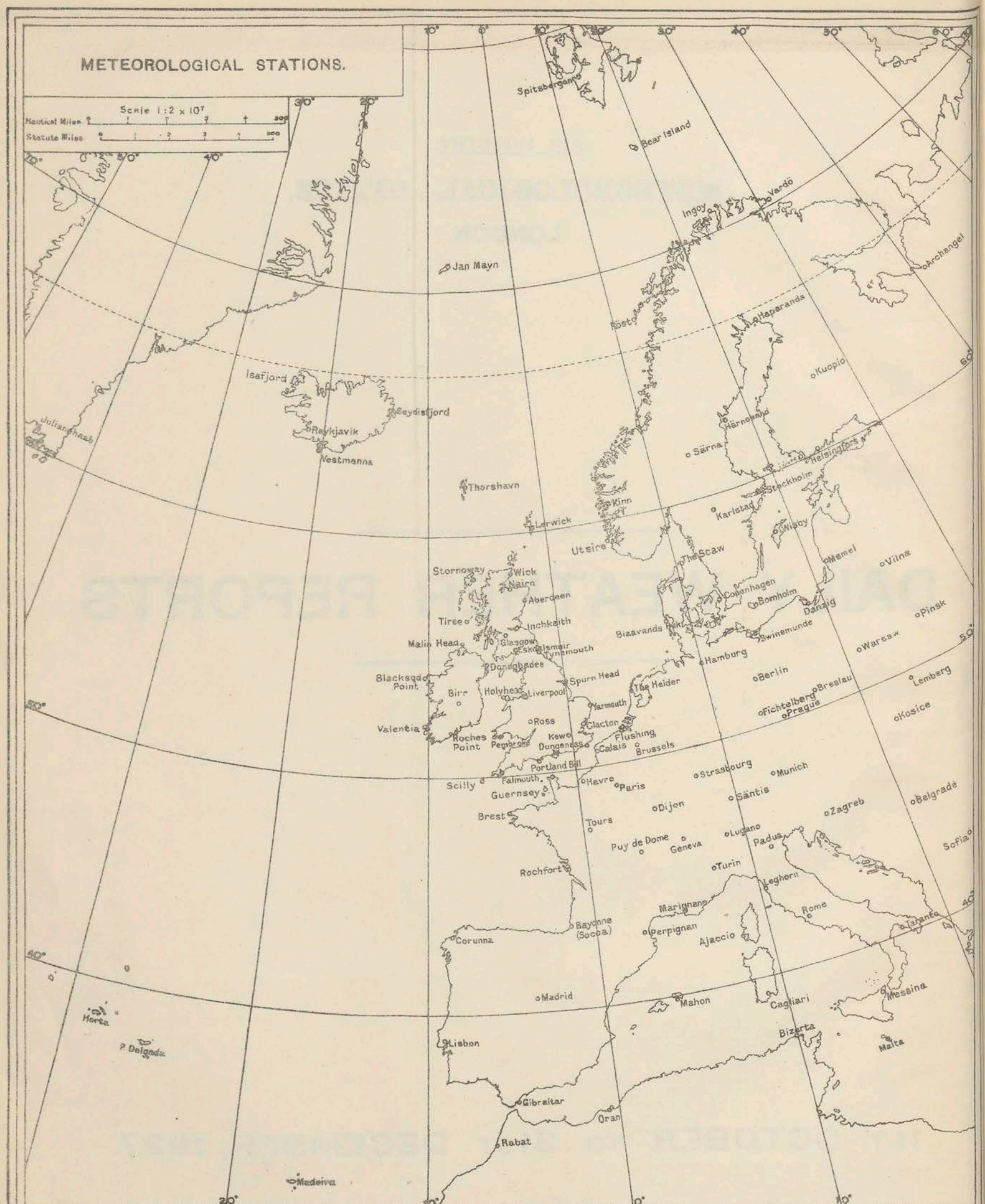
AIR MINISTRY.

METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

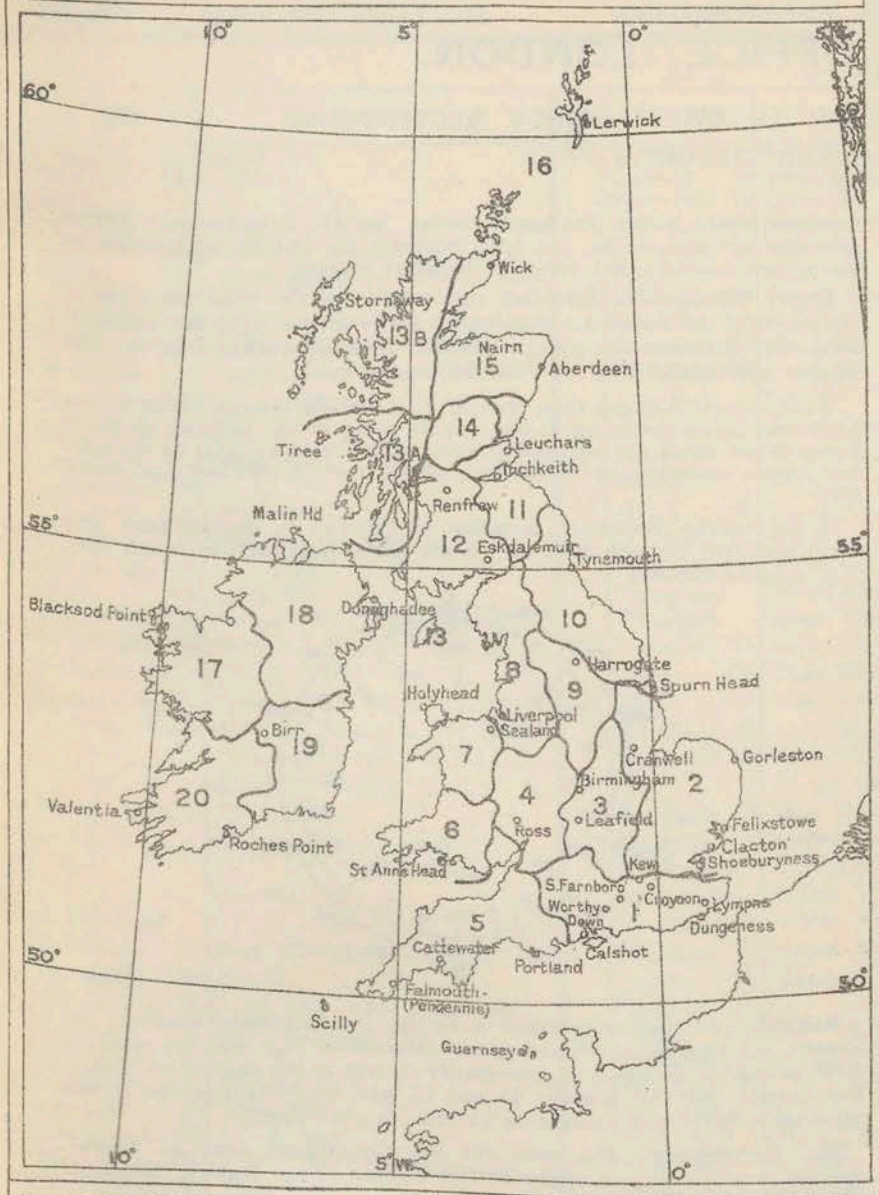
1ST OCTOBER TO 31ST DECEMBER, 1927.



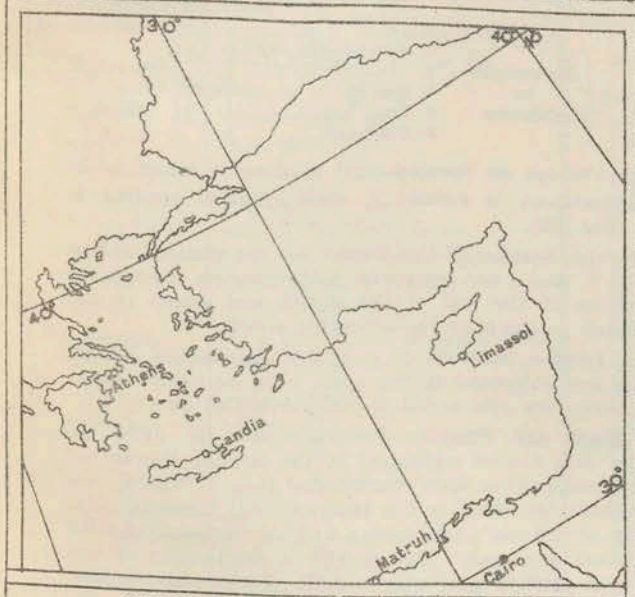
H.M. Stationery Office Press, Kingsway, W.C.2.

Ps.544/1628. Wt. 95. D.15112. 865.

FORECAST DISTRICTS AND BRITISH STATIONS



STATIONS USED FOR UPPER AIR SUPPLEMENT.



BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy. d drizzle.
e wet air. h hail. KQ line squall.
i lightning. o overcast sky.
m mist, visibility 1000—10000 m.
f fog, " 200—1000 m.
F thick fog " less than 200 m.
gr gloomy. jp precipitation within sight of station.
p passing showers. q squally.
r rain. s snow. rs sleet. t thunder.
u ugly, threatening. v unusual visibility. w dew. x hoar frost.
y dry air. z dust haze; the turbid atmosphere of dry weather.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; i = intermittent; − = "decreasing"; + = "increasing"; h(r) = "hail" or "rain and hail";

Capital letters indicate intensity suffix o indicates slight; and repetition of letters continuity thus:—

R = heavy rain.
rr = continuous moderate rain
$r_o r_o$ = continuous light rain.

FORECAST DISTRICTS

1. *England, S.E.*
   Kent.
   Sussex.
   Surrey.
   Hampshire.
   Berkshire.
   Wiltshire.

2. *England, E.*
   Essex.
   Middlesex.
   Hertford.
   Bedford.
   Huntingdon.
   Cambridge.
   Suffolk.
   Norfolk.
   Lincoln.

3. *Midlands, E.*
   Buckingham.
   Oxford.
   Northampton.
   Warwick.
   Leicester.
   Rutland.
   Nottingham.

4. *Midlands, W.*
   Gloucester.
   Hereford.
   Worcester.
   Shropshire.
   Stafford.

5. *England, S.W.*
   Dorset.
   Somerset.
   Monmouth.
   Devon.
   Cornwall.

6. *Wales, S.*
   Glamorgan.
   Brecknock.
   Carmarthen.
   Pembroke.
   Cardigan.
   Radnor.

7. *Wales, N.*
   Montgomery.
   Merioneth.
   Flint.
   Denbigh.
   Carnarvon.
   Anglesey.

8. *England, N.W.*
   Cheshire.
   Lancashire.
   Westmorland.
   Cumberland.

9. *Midlands, N.*
   Derby.
   Yorkshire, W.

10. *England, N.E.*
    Yorkshire, N. & E.
    Durham.
    Northumberland.

11. *Scotland, S.E.*
    Roxburgh.
    Selkirk.
    Peebles.
    Berwick.
    Haddington.
    Edinburgh.
    Linlithgow.
    Clackmannan
    Kinross.
    Fife.
    Forfar.

12. *Scotland, S.W., and Isle of Man.*
    Isle of Man.
    Dumfries.
    Kirkcudbright.
    Wigtown.
    Ayr.
    Lanark.
    Renfrew.
    Dumbarton.
    Stirling.

13A. *Scotland, W.*
    Argyll.
    Bute.

13B. *Scotland, N.W.*
    Hebrides.
    Western parts of Inverness, Ross and Cromarty, Sutherland.
    (Boundary line runs from Rannoch Station through Fort Augustus, Beauly and Lairg to Melvich).

14. *Mid. Scotland.*
    Perth.

15. *Scotland, N.E.*
    Kincardine.
    Aberdeen.
    Banff.
    Elgin.
    Nairn.
    Caithness.
    Eastern parts of Inverness, Ross, Sutherland.

16. *Orkneys and Shetlands.*

17. *Ireland, N.W.*
    Galway.
    Roscommon.
    Mayo.
    Sligo.
    Leitrim.

18. *Ireland, N.E.*
    Meath.
    West Meath.
    Longford.
    Cavan.
    Fermanagh.
    Monaghan.
    Louth.
    Armagh.
    Down.
    Antrim.
    Londonderry.
    Tyrone.
    Donegal.

19. *Ireland, S.E.*
    Waterford.
    Wexford.
    Kilkenny.
    Carlow.
    Wicklow.
    Queen's County.
    King's County.
    Kildare.
    Dublin.

20. *Ireland, S.W.*
    Cork.
    Kerry.
    Limerick.
    Tipperary.
    Clare.

AIR MINISTRY.

METEOROLOGICAL OFFICE, LONDON.

NOTES ON THE INFORMATION CONTAINED IN THE VARIOUS SECTIONS OF THE DAILY WEATHER REPORT.

Heights of Stations.—The heights of British Stations above M.S.L. published in the British Section of the Daily Weather Report refer to the plot of ground on which the rain gauge is situated.

Pressure.—The distribution of barometric pressure at Mean Sea Level is shown by means of isobars which are drawn for intervals of 2 millibars on the British Section of the Report and for intervals of 4 millibars on the International Section.

The wind at a height of 1,500-2,000 feet above ground usually blows *along* the isobars and, for the same temperature, pressure and latitude, the speed of the wind is inversely proportional to the distance between the isobars, *e.g.*, for isobars 1 inch apart in the Daily Weather Report the speed of the upper wind is about 12 m.p.h. in latitude 55°, with a temperature of 50° F. and a pressure of 1,015 mb; if, however, the isobars are ½ inch apart the corresponding speed is 24 m.p.h.

The scale below can be used with both the International and the British Sections. If the distance between consecutive isobars is measured along the rule from the left-hand extremity the geostrophic wind is shown by the scale in miles per hour.

GEOSTROPHIC WIND SCALE FOR

4 mb isobars on $1 : 2 \times 10^7$ Charts.
or 2 mb " " $1 : 10^7$ "
or 1 mb " " $1 : 5 \times 10^6$ "

Miles per hour.

This scale applies under the following conditions:—

Pressure, 1,015 mb. Temperature, 50° F. Latitude, 55°.

Corrections.—For an increase of 10 mb pressure, subtract 1% from velocity; for an increase of 10° F. add 2%. From Latitude 55° to Latitude 65° subtract 1% for each degree *above* 55°. From Latitude 55° to Latitude 45° add 1½% for each degree *below* 55°.

Temperature.—Temperature is specified in degrees Fahrenheit, and is shown on the charts by means of figures written alongside the circles which indicate the positions of the stations.

Relative Humidity.—From January 1st 1926, relative humidity at British stations has been calculated from the following hygrometric formulæ:

$x = f - \cdot 444\,(t - t')$ for wet bulb readings above 32° F.
$x = f - \cdot 400\,(t - t')$ for wet bulb readings below 32° F.

where x is the vapour pressure in mb.;
f the saturation vapour pressure at the temperature of the wet bulb;
t the dry bulb temperature; and
t' " wet " "

The use of Glaisher's tables has been discontinued.

The tables used for calculating humidities from the readings of the dry and wet bulb thermometers on aeroplanes, are based on a formula similar to the above, but allowance is made for the variation of barometric pressure with height and for the increased ventilation of the thermometers.

Upper Air Temperature.—The British observations are made normally, one at 1,000 feet above the level of the aerodrome, and the remainder at *pressures* of 950, 900, 850, 800, etc., millibars. Heights are then computed and, apart from instrumental error, are correct heights: they do not require modification for differences of temperature from normal as these are allowed for in the computation. The values are shown graphically and in tabular form in the Upper Air Supplement. On the diagram, temperatures are given in degrees Fahrenheit and Absolute. The oblique line marked "Dry Adiabatic" shows the lapse rate of temperature for dry air ascending or descending under adiabatic conditions, *i.e.*, without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5·5° F. per 1,000 feet, or 10°a per kilometre. A lapse rate greater than this value indicates instability in a dry atmosphere.

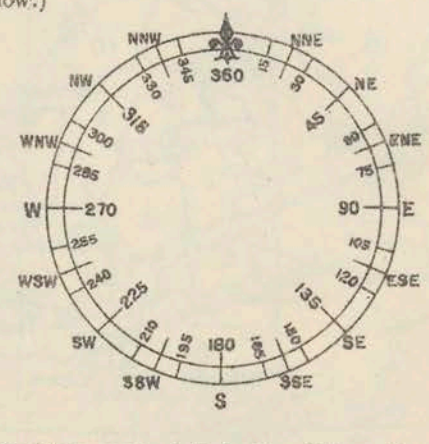
The broken lines marked Saturated Adiabatic show lapse rates for saturated air. These are for air masses which contain just sufficient moisture at 1,015 mb. pressure to become saturated after rising 1 km. in an environment having the dry adiabatic lapse rate. The condensed moisture is assumed to be retained thereafter in the air as it rises.

Wind.—All wind directions specified in the reports are "true," as distinguished from "magnetic." The arrows indicating wind direction are drawn to fly with the wind. Wind velocities are shown on the charts of the British Section and Upper Air Supplement in m.p.h. by the numbers placed within the small circles. In the International Section velocities are not shown. In both Sections the number of feathers on the arrows denotes wind force by Beaufort number.

Upper Winds.—The direction and velocity of the wind are given in the charts of the Upper Air Supplement for heights of 2,000 feet and 6,000 feet. The data are also given in tabular form for various heights. The reports are usually based on Pilot Balloon ascents.

Wind reports deduced from British Pilot Balloon Ascents refer to the 1,000 feet layers centering at the heights given in the table up to 16,000 feet. When winds are reported at greater heights, they refer to the 5,000 feet layers centering at 20,000 feet, 25,000 feet, 30,000 feet and 35,000 feet.

In the tabular statement direction is specified in degrees from true north measured through East 90°, South 180°, West 270° to North 360°. (*See* diagram below.)



Rainfall.—At Stations marked † in the International Section of the Report, the rainfall is received in an abbreviated code and the measurement entered is therefore not necessarily correct to the nearest millimetre. For example any fall between 11 and 15 mm. would be reported by the same code figure and entered as 13 mm. in the Report.

Sea Disturbance.—The code for sea disturbance used at coastal stations is given on p. 1 of the British Section of the Report. Ships at sea use the following code:—

0. No or slight swell 1. Moderate swell 2. Heavy " 3. Long low " 4. Confused "	and	Sea smooth to moderate.	5. No or slight swell 6. Moderate swell 7. Heavy " 8. Long low " 9. Confused "	and	Sea rough or above.

Adjusted Readings.—Where an instrumental reading is found to be in error and some adjustment is necessary, such adjusted reading is published in brackets thus (59).

The entries in the British Section of the Report for the stations in the main tables on pages 1, 2, and 4 are compared with those in the returns received from the stations at the end of the month and errors in the Report so found are noted in the monthly correction sheets.

The reports from the London Stations on page 1 and from the Health Resorts on page 4 are not subjected to the same close scrutiny but if any errors are found these are also noted in the correction sheets.

Times of Sunrise, Noon and Sunset.—From January 1st, 1926, the times of Sunrise, Noon and Sunset published in the British Section of the Report for certain stations have been recalculated from (1) the figures for the duration of sunshine contained in the International Meteorological Tables and (2) the value of the sun's declination and the equation of time published in the Nautical Almanac. The change of declination of the sun on the same day from year to year over a cycle of four years is now taken into account. This change was formerly neglected.

Valentia.—The observations at 1 a.m. are taken at the Post Office Wireless Station on Valentia Island. Those at all other hours at the Observatory near Cahirciveen on the mainland.

Guernsey.—The observations at 7h., 13h., and 18h. are taken at Fort George, the station being situated at 295 feet above M.S.L. on the high ground to the south of St. Peter Port and outside the town. The observations at 1h. together with the sunshine readings are taken at the station of the States Meteorological Service which is situated in St. Peter Port at 173 feet above M.S.L.

AIR MINISTRY.

No. 131.

SUPPLEMENT TO THE DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

SUMMARY OF METEOROLOGICAL OBSERVATIONS AT SELECTED STATIONS ISSUED ON THE 1st DAY OF EACH MONTH.

Notes on the Weather of NOVEMBER, 1927.

Mild, southwesterly winds which had prevailed at the end of October continued during the first few days of November and were associated with some further heavy rain and exceptionally high temperatures. On the 2nd record values for November were reported from Eskdalemuir, Aberdeen, Yarmouth and Tynemouth. At the last station the reading, 67°F. was as much as 5° higher than the previous record of 62°F. in Nov. 1894 when the observations were taken at North Shields. On the 3rd. Kew Observatory registered 64°F., 1° higher than the 1876 record there.

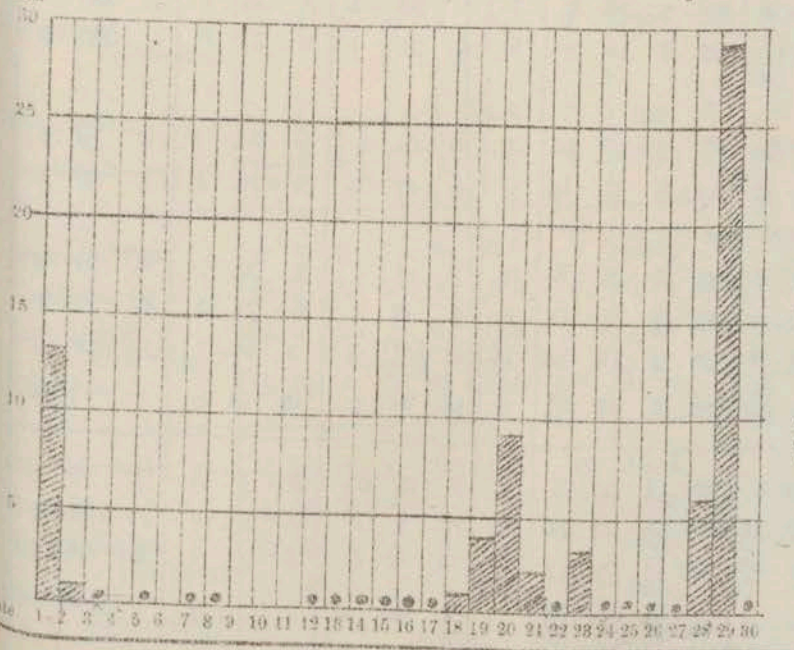
As the low pressure system shifted northeast the winds became first westerly than northerly and increased to gale force locally on the 5th. - 6th. Sleet, hail and snow fell in the North and thunderstorms and heavy rain occurred locally, Holyhead having 35 mm. and Scarborough 40 mm. Both on the 7th. The drop in temperature was very striking. At Kew, for instance, the maximum on the 8th. was 38°F., 26°F. lower than on the 3rd. while the minimum readings shewed similar differences. Snow lay on the ground in Scotland and N.E. England and on the 8th. was 8 inches deep at Balmoral and 11 inches deep at Slochd. Further strong northerly winds and gales occurred on the 9th. - 11th, gusts of about 60 m.p.h. being measured at Tiree in the Hebrides and in N.W. England. Snow, sleet and hail fell in various places, the depth of snow lying being 17 inches at Slochd on the 11th. Slight snow fell locally in the London area on the 10th. and 12th.

About the middle of the month milder, southerly winds were renewed and temperature rose above 50°F. at times. Strong easterly winds were experienced between the 18th. and 21st, gale force being recorded in a few exposed places.

An anticyclone which passed across Northern France on the 25th. caused much fog on Saturday the 26th. It was very dense at times in London and some other parts and was the occasion of several accidents.

On the 28th. a deep depression moved across the Faeroes and a trough of low pressure subsequently crossed our islands giving much rain in Southern England. At Kew Observatory about as much rain fell between 3 a.m. and 9 p.m. on the 29th. as in all the rest of the month.

Daily Rainfall at KEW Observatory.



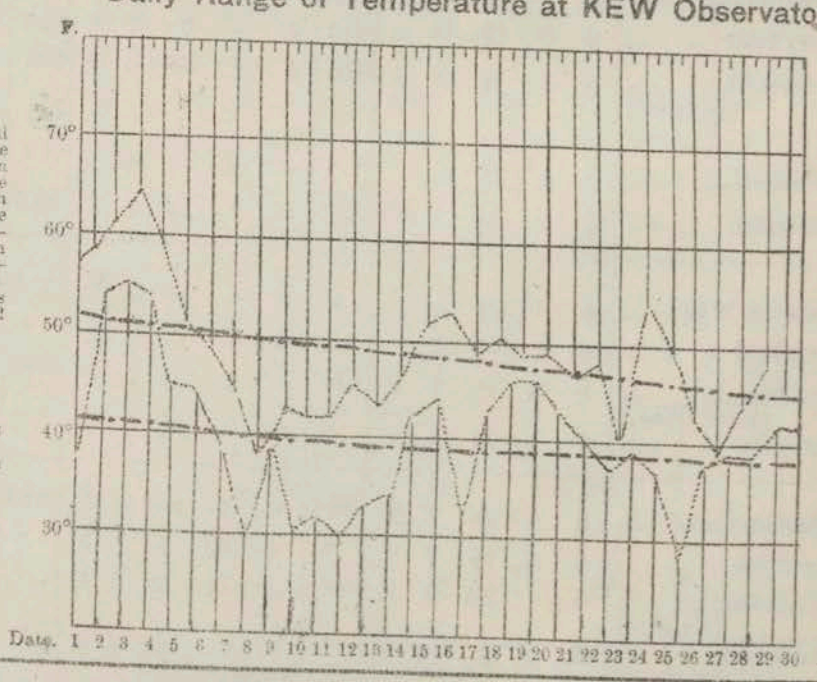
TEMPERATURE.

The pecked curves indicate the maximum temperature recorded each day, and the minimum temperature each night throughout the month. The chain lines show normal values.

RAINFALL.

● = less than 2·5 mm.
Total for month 68 mm.

Daily Range of Temperature at KEW Observatory.

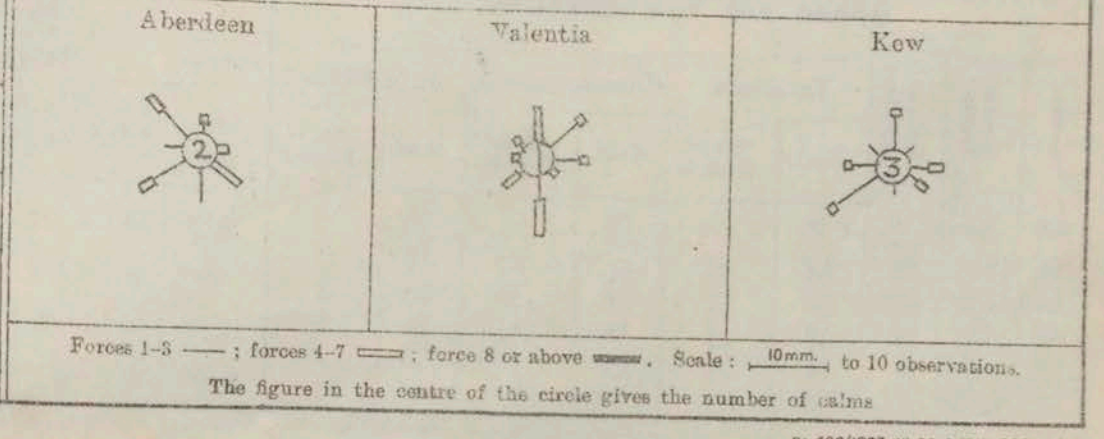


MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F.	°F.
Aberdeen	1012·1	+ 2·3	41·8	−0·7
Valentia	1014·3	+ 1·3	47·4	−0·3
Kew	1014·6	0	43·9	−0·4

* Pressure — mean for the 24 hours.
Temperature — mean of Max. and Min.

WIND FREQUENCIES AT 7h.



Forces 1–3 ——; forces 4–7 ▭; force 8 or above ▬. Scale: 10mm. to 10 observations.
The figure in the centre of the circle gives the number of calms

H.M.O. Press, Kingsway, W.C.2.

Dd 496/1607 Wt. 93. D.15/11. 880 12/27

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

	TEMPERATURE.																																	LOW CLOUD.											
	Number of daily readings within fixed limits.																																	Number of observations within fixed limits.											
													Extremes—Warmest and Coldest.																																	
													Days.				Nights.																	7H.			13H.			18H.					
	32 or below	33 — 41	42 — 50	51 — 59	60 — 68	† Maximum.	Normal Max.	23 or below	24 — 32	33 — 41	42 — 50	51 — 59	† Minimum.	Normal Min.	Highest Max.	Date.	Lowest Max.	Date.	Highest Min.	Date.	Lowest Min.	Date.	Number of Ground Frosts.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.	Below 1,000 ft.	1,000-5,000 ft.	5,000-8,000 ft.
							°F.						°F.	°F.	°F.		°F.		°F.		°F.											
Stornoway ...	0	4	[21]	5	0		47·6	0	4	14	10	2		38·0	58	2	38	7	52	{2 3	28	{12 30	*	0	29	0	0	30	0	0	30	0
Aberdeen ...	0	8	19	1	2		46·9	0	6	16	8	0		37·2	63	2	35	{8 9	50	{2 3	27	13	9	1	26	2	1	25	0	0	27	1
Edinburgh ... (Inchkeith)	0	8	15	5	2		*	0	1	17	9	3		*	61	2	39	8	56	2	32	8	7	13	12	2	11	8	5	9	9	5
Renfrew	1	4	19	4	2		*	4	9	6	9	2		*	62	2	26	30	57	2	19	8	14	6	18	2	5	19	4	4	15	1
Eskdalemuir ...	0	11	15	4	0		*	4	7	13	4	2		*	59	2	36	10	52	2	19	13	13	10	17	1	4	20	3	7	16	1
Dublin ... ... (Phœnix Park)	0	0	19	8	3		49·9	0	13	9	6	2		37·6	67	2	43	{8 10 13	59	2	24	30	14	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	1	19	7	3		49·3	1	9	10	7	3		36·8	64	2	41	8	59	2	21	13	17	5	23	0	4	22	0	3	26	0
Valentia ... ... (Cahirciveen)	0	0	14	15	1		52·0	0	3	6	16	5		42·9	61	1	44	12	58	3	28	13	8	5	23	0	6	23	0	4	24	0
Tynemouth ..	0	5	18	5	2		48·4	0	3	16	8	3		38·1	67	2	36	10	55	3	29	9	8	3	27	0	3	27	0	3	27	0
Holyhead ...	0	0	16	14	0		50·2	0	0	9	17	4		42·9	59	2	44	8	57	2	35	8	0	3	25	2	3	26	1	4	23	1
Liverpool ... (Bidston)	0	4	19	5	2		48·5	0	1	16	10	3		40·2	62	{2 3	40	{8 11 21	59	3	30	9	6	3	22	1	5	22	1	1	25	0
Cranwell	0	6	19	4	1		*	0	8	16	4	2		*	64	2	39	28	57	3	27	28	12	10	15	0	6	22	0	6	20	0
Gorleston ...	0	2	23	3	2		48·5	0	2	20	6	2		39·6	64	2	39	23	57	3	31	10	2	9	17	0	5	19	1	5	13	2
Ross-on-Wye ...	0	2	19	8	1		49·3	0	4	14	9	3		37·8	63	2	39	8	55	2	28	8	12	7	17	1	6	21	1	6	21	0
Leafield	0	9	16	4	1		*	0	6	18	4	2		*	60	2	36	8	52	{2 3	25	12	11	8	15	3	6	21	2	4	22	1
London ... ... (Kew Obsy.)	0	3	19	6	2		49·1	0	5	13	9	3		38·8	64	3	38	8	55	3	28	26	14	13	[12]	3	11	14	1	[11]	10	1
Croydon	0	5	15	8	2		*	0	6	12	9	3		*	64	3	37	{8 27	55	3	28	{8 12	12	14	11	2	14	14	0	11	13	0
Shoeburyness ...	0	2	19	7	2		49·7	0	6	15	6	3		39·7	62	2	37	8	55	3	27	8	7	8	13	0	8	17	3	7	13	1
Lympne	0	6	16	7	1		*	0	6	14	7	3		*	60	3	37	23	54	3	27	12	12	16	8	1	15	11	0	10	12	0
Southampton ... (Calshot)	0	1	20	8	1		*	0	2	12	13	3		*	60	3	41	27	55	{2 3	31	12	10	12	15	0	5	22	1	4	16	2
Falmouth ... (Pendennis)	0	0	11	19	0		*	0	0	10	16	4		*	59	{2 4	44	11	55	{2 3	37	{11 13	*	0	30	0	1	29	0	1	29	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	DUXFORD.		S. FARNBOROUGH.		ALDERGROVE	
			Mean.	No. of Reports.	Mean.	No. of Reports.	Mean.	No. of Reports.
mb.	feet.	°F.	°F		°F.		°F.	
950	1748	40	43	26	45	5	39	5
850	4690	34	36	26	37	5	29	5
750	7950	26	27	26	32	4	18	4
650	11,620	16	14	24	22	4	–	–
550	15,780	-1	-2	23	11	3	–	–

UPPER WINDS.

No. of records of Velocity (m.p.h.) within fixed limits.

STATION.	RENFREW.						CATTEWATER.						LYMPNE.					
Height. Feet.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	26-45 m.p.h.	46-75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	26-45 m.p.h.	46-75 m.p.h.	Above 75 m.p.h.	No. of Obs.	Under 10 m.p.h.	10-25 m.p.h.	26-45 m.p.h.	46-75 m.p.h.	Above 75 m.p.h.
2,000	30	2	12	16	-	-	30	2	20	7	1	–	50	3	24	22	1	-
5,000	21	5	6	10	-	-	8	1	3	3	1	–	24	3	13	7	1	-
10,000	8	1	3	4	-	-	1	1	–	–	–	–	4	1	2	–	1	-
15,000	5	–	1	1	3	-	–	–	–	–	–	–	–	–	–	–	–	–

† The readings used are, except in the case of Phœnix Park, the maximum for the period 7h.–18h., and the minimum for the period 18h.–7h. The normal values given above are based on extremes taken over the 24 hours.

RAINFALL, HUMIDITY AND LOW CLOUD, ...NOVEMBER....., 1927.

	SUNSHINE.											RAINFALL.													
	Number of Days with duration.					Maximum Duration.						Number of days with amount.‡						Maximum fall in 24 hrs.							
	Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month ‡	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	7	15	8	0	0	6·0	4	1282	+23	54	+11	5	(7)	8	7	3	0	21	26	1390	+124	139	−9	1	6
Aberdeen ...	9	11	8	2	0	6·3	8	1243	−144	62	+7	10	3	9	8	0	0	14	1	813	+65	101	+26	0	8
♮Edinburgh ... (Inchkeith)	10	10	8	2	0	6·3	8	1391	*	62	*	17	9	2	2	0	0	9	1	693	+139	31	−25	0	0
♮Renfrew	13	7	7	3	0	7·0	11	1233	*	60	*	10	8	4	7	1	0	19	1	1159	+234	100	+2	0	2
Eskdalemuir ...	11	8	7	4	0	7·9	8	1130	*	65	*	7	7	7	5	3	1	45	1	1748	*	175	*	0	5
Dublin ... ... (Phœnix Park)	8	9	8	5	0	7·4	8	1406	−101	80	+9	13	3	9	4	1	0	18	19	825	+120	73	+1	0	*
Birr Castle ...	10	7	12	1	0	6·2	12	1306	−37	75	+11	12	7	6	5	0	0	14	2	815	−14	63	−16	0	0
Valentia ... ... (Cahirciveen)	9	8	8	5	0	7·8	8	1334	−111	84	+19	5	8	9	8	0	0	14	1	1217	−197	105	−34	0	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	7	8	10	2	3	0	17	{10 11	761	+140	83	+39	1	2
Holyhead ...	10	11	8	1	0	6·7	30	1476	*	61	*	6	5	11	5	1	2	35	7	938	+50	152	+47	1	3
♮Liverpool ... (Bidston)	11	8	7	4	0	7·0	11	1392	−64	67	+8	13	4	8	3	2	0	22	18	855	+146	95	+31	0	0
♮Cranwell	13	6	7	4	0	6·9	{6 11	1381	*	68	*	14	3	7	6	0	0	14	20	639	+49	75	+28	0	3
Gorleston ...	14	8	3	5	0	7·6	4	1542	*	57	*	10	6	6	6	2	0	20	6	780	+158	120	+59	1	1
Ross-on-Wye ...	15	8	2	5	0	8·4	11	1312	*	57	*	16	6	3	4	0	1	28	19	815	+97	73	+9	0	0
Leafield	14	8	3	5	0	7·8	11	1378	*	58	*	[8]	10	4	6	2	0	17	18	829	*	73	*	0	1
London ... ... (Kew Obsy.)	16	6	6	2	0	7·0	11	1340	−135	43	−9	17	5	4	3	0	1	29	29	725	+119	68	+12	0	0
Croydon	12	14	2	2	0	7·0	25	1442	*	44	*	15	7	5	2	0	1	26	29	786	*	65	*	0	2
Shoeburyness ...	13	8	7	2	0	7·3	25	1616	*	56	*	14	8	5	2	1	0	21	29	586	+106	53	+1	0	1
Lympne	12	7	7	4	0	7·6	22	1646	*	66	*	12	6	5	6	1	0	19	29	908	*	86	*	1	1
Southampton ... (Calshot)	12	8	6	4	0	8·0	11	1671	*	64	*	14	4	6	6	0	0	11	18	724	*	65	*	0	0
Falmouth ... Observatory	8	12	6	4	0	8·1	12	1610	−149	63	−13	12	4	6	7	1	0	20	20	1032	−75	109	−13	0	0

MINIMUM SURFACE HUMIDITY.

No. of Days (Mdt. to Mdt.) with Minima between Fixed Limits.

Station.	95–100 %.	90–94 %.	80–89 %.	70–79 %.	60–69 %.	50–59 %.	40–49 %.	30–39 %.	20–29 %.	Above 75 m.p.h.
Aberdeen ...	0	1	8	15	4	2	0	0	0	-
Renfrew... ...	1	3	3	10	9	3	1	0	0	-
Eskdalemuir ...	0	3	6	9	11	1	0	0	0	-
Valentia... ...	0	1	4	6	12	6	1	0	0	-
Ross on Wye ...	2	2	6	7	7	5	1	0	0	-
London ... ... (Kew Obsy.)...	3	1	8	7	6	4	1	0	0	-
Falmouth ...	2	6	11	6	4	1	0	0	0	-

STATE OF GROUND AT 13 h.

No. of Days each type was recorded.

Station.	0	1	2	3	4	5	6	7	8	9
Aberdeen ...	0	8	16	0	0	0	0	6	0	0
Renfrew... ...	0	11	16	1	2	0	0	0	0	0
Eskdalemuir ...	0	1	23	5	0	0	0	1	0	0
Valentia ...	0	9	18	0	0	3	0	0	0	0
Ross on Wye ...	0	19	11	0	0	0	0	0	0	0
London ... ... (Kew Obsy.)	0	8	22	0	0	0	0	0	0	0
Falmouth ...	3	12	15	0	0	0	0	0	0	0

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1500 and 1800 reports (Hoar frost in 0100 and 0700 reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer.
9=Glazed roads (ice on roads from frozen rain or melted snow).

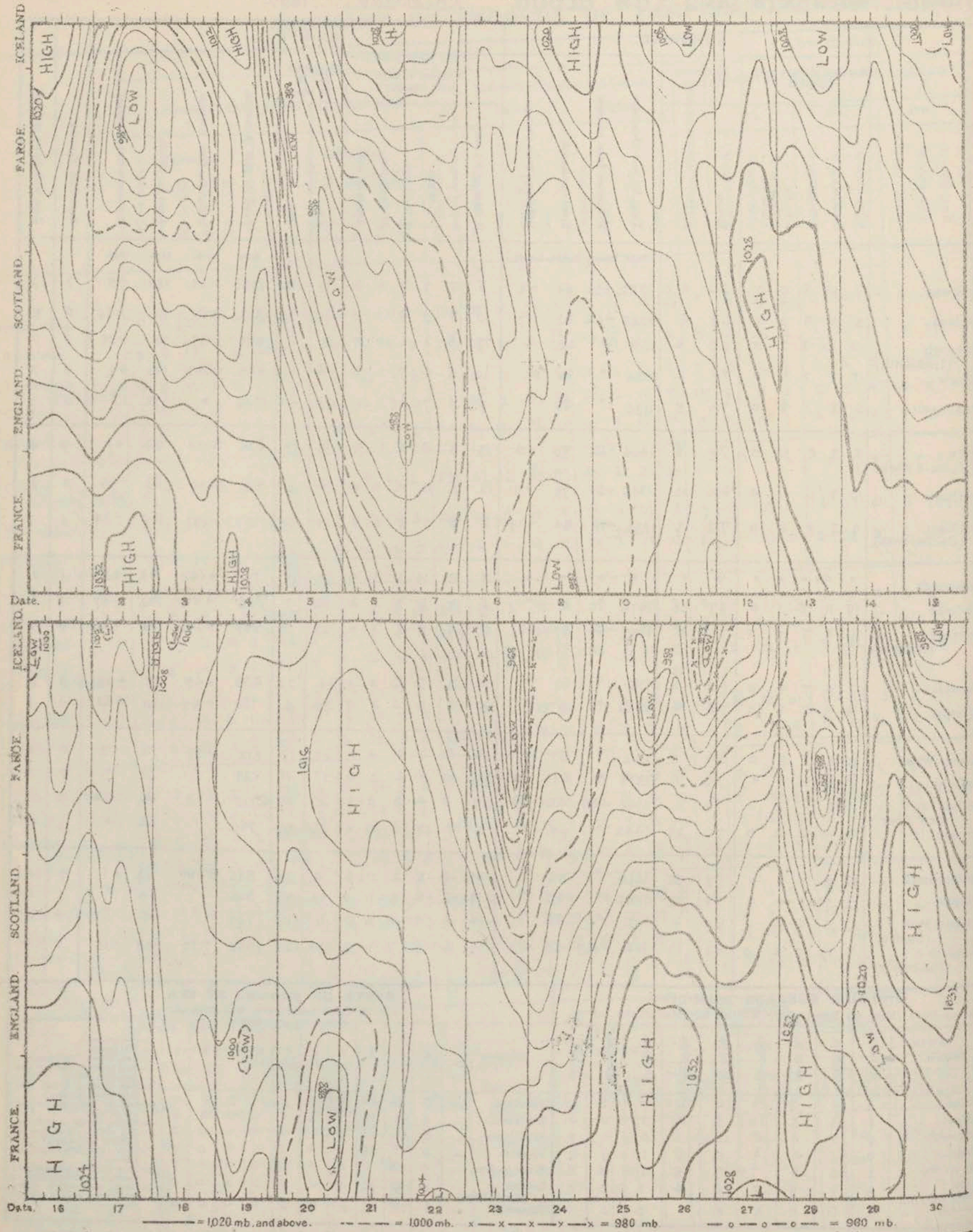
♮ The average sunshine for Liverpool & the average rainfall for Edinburgh, Renfrew, & Cranwell have been computed from the records available for those stations by reference to the nearest stations with long records.

‡ Based in part on reports made by telegraph in which the day & night measurements are rounded off to the nearest whole millimetre. Small discrepancies may arise between these totals and those given in the Monthly Weather Report which are based on readings taken to 0·1 mm.

G. C. Simpson, F.R.S., *Director.*

PRESSURE: ICELAND TO GULF OF LIONS NOVEMBER, 1927

ISOPLETHS* BASED ON SIX-HOURLY OBSERVATIONS.



NOTE:-The diagram is obtained by drawing a line from Akureyri in Iceland to the South of France, near Marseilles. The points at which the isobars drawn for 4 mb. pressure intervals intersect this line at 1h, 7h, 13h, and 19h are plotted consecutively and joined to shew the variation of pressure from day to day at any point in the line. The line terminates at Lat. 65°N., Long., 18°W. in the north, at Lat. 44½°N., Long. 4°E. in the south.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24085 Tuesday 1st November 1927. Page 1.

Observations at 13h. G.M.T. 31st Oct

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	State of ground
Lerwick	1002.3	+12	N	4	c/p	43	92	8	4000	CuNb	10	-	10	•
Stornoway	1002.9	+1	SW	1	bc/p	51	92	7	4000	CuNb	7	-	7	•
Wick	1004.6	+5	WSW	2	c	55	75	8	2500	StCu	6	CiSt	8	•
Tiree	1007.0	+2	W	5	bc	54	85	8	1500	St	2	ACu	6	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1005.7	+3	WSW	3	c	55	75	8	2500	Cu	4	ACu	8	1
Malin Head	1009.2	+4	WSW	5	bcjp	55	85	7	4000	Cu	3	ACu	5	•
Renfrew	1008.8	+3	WSW	4	bcp	55	75	8	4000	CuNb	6	-	6	2
Edinburgh (Inchkeith)	1006.8	+3	W	4	b	53	75	8	-	-	0	ACu	2	•
Leuchars	1007.2	+3	WSW	4	bc	55	65	8	4000	CuNb	3	ACu	2	2
Eskdalemuir	1009.5	+5	W	3	bcjpr	50	75	8	4000	Cu	3	-	3	•
Tynemouth	1008.8	+2	W	2	c/r	55	85	7	1500	Nb	8	-	8	2
Blacksod Point	1010.7	+1	SW	5	bcr	55	85	9	-	Cu	4	-	4	•
Donaghadee	1012.1	+5	W	3	bc+	55	85	8	4000	Cu	3	-	3	•
Birr Castle	1012.3	•	S	3	bc+	54	75	7	2500	Cu	3	-	3	•
Holyhead	1013.3	+7	WNW	5	b	56	75	8	4000	Cu	2	-	2	2
Liverpool (Bidston)	1012.6	+5	W	5	b	54	85	7	800	CuNb	2	-	2	•
Chester (Sealand)	1012.4	+6	NW'W	4	bc	55	75	8	2500	Cu	3	-	3	2
Harrogate	1010.3	+2	SW	2	c	53	85	7	2500	Nb	7	ASt	9	•
Spurn Head	1009.3	0	W'S	3	c+	55	92	8	2500	St	8	ASt	10	•
Birmingham (Edgbaston)	1011.9	+4	WNW	3	c/r	58	75	6	4000	Nb	8	-	8	2
Cranwell	1010.6	+2	W'S	3	c/r	57	75	6	2500	Nb	8	-	8	1
Gorleston	1010.1	+1	SW'S	1	oc-	58	92	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1015.6	+3	SW'S	2	bc	56	65	8	2500	StCu	2	ACu	7	1
Roches Point	1016.4	+5	W	5	b	54	65	8	2500	Cu	1	CiCu	2	•
Pembroke (St. Ann's H.)	1015.1	+5	WNW	4	bc	55	85	8	2500	Cu	5	ACu	5	•
Ross-on-Wye	1012.6	+4	WNW	3	bc	57	75	8	4000	Cu	3	ACu	4	1
Leafield	1012.0	+3	W	3	bc	59	75	8	2500	CuNb	4	-	4	2
Winchester (Worthy Dn.)	1012.1	+3	WSW	2	bc	62	85	8	2500	StCu	7	-	7	2
S. Farnborough	1012.2	+4	W	2	bc/r	59	85	7	800	StCu	6	ACu	7	2
London (Kew Obsy.)	1012.3	+4	SW	2	c/r	59	85	7	1500	StCu	6	ACu	7	2
Croydon	1012.4	+5	W	2	bc-	60	75	7	1500	StCu	5	ACu	7	1
Shoeburyness	1011.6	+2	W'N	3	c/r	58	92	7	1500	Nb	8	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.7	0	SW'S	3	c/r	57	92	8	4000	StCu	6	ASt	10	2
Lympne	1012.5	+2	SSW	4	c-	57	97	7	800	StCu	9	-	9	2
Scilly (St. Mary's)	1016.7	+7	NW'N	5	bc	57	85	8	4000	Cu	3	ACu	4	•
Falmouth (Pendennis)	1016.7	+4	NW	4	bc	57	85	8	4000	Cu	5	-	5	•
Plymouth (Cattewater)	1015.5	+7	NW	4	bc	59	75	8	2500	CuNb	6	CiSt	6	2
Portland Bill	1013.1	+4	W	3	bc	60	75	8	2500	CuNb	2	-	2	•
Southampton (Calshot)	1013.1	+4	SW	3	bc	61	85	8	1500	StCu	4	ASt	6	2
Dungeness c/d	1013.4	+3	SW	3	bc	58	92	8	2500	CuNb	6	ACu	8	•
Guernsey (Fort George)	1014.6	+4	WNW	4	bc-	58	92	8	1500	Cu	7	-	7	•

Observations at 18h. G.M.T. 31st Oct

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	1007.2	+6	N	2	c/p	42	75	7	~~5700~~ 4000	StCu	10	-	10	•
Stornoway	1005.3	+4	SSW	2	c/pr	47	92	7	4000	Nb	9	-	9	1
Wick	1007.4	+3	SW	2	o/rs	46	85	8	1500	Nb	10	-	10	0
Tiree	1010.5	+3	WSW	6	bcjp	52	85	8	1500	CuNb	3	ACu	6	4
Nairn	1008.3	•	W	2	cjp	47	92	7	1500	CuNb	8	-	8	•
Aberdeen	1009.6	+5	SSW	2	c+	50	75	7	-	-	0	ACu	9	0
Malin Head	1012.7	+3	SW	4	bc	51	85	8	5700	StCu	2	CiCu	6	3
Renfrew	1012.6	+4	WSW	4	bc/r	50	85	7	1500	CuNb	4	-	4	•
Edinburgh (Inchkeith)	1011.0	•	SSW	3	bc	50	85	8	1500	St	2	ACu	4	2
Leuchars	1010.8	+4	WSW	3	bc	46	85	8	4000	StCu	1	Ci	3	•
Eskdalemuir	1013.5	+4	SW	3	b-	47	85	7	4000	Cu	2	-	2	•
Tynemouth	1013.7	+5	W	3	b-	50	85	7	1500	St	1	Ci	2	2
Blacksod Point	1013.4	+2	S	5	c+	54	85	7	•	CuNb	8	-	8	4
Donaghadee	1015.9	+5	W	1	b-	48	92	8	5700	StCu	1	CiCu	2	1
Birr Castle	1015.2	•	S	2	c+	51	85	7	2500	StCu	9	-	9	•
Holyhead	1017.7	+5	SW	3	c+	53	85	7	1500	StCu	5	ACu	6	1
Liverpool (Bidston)	1018.6	+5	W	3	b	49	85	6	4000	StCu	1	-	1	•
Chester (Sealand)	1017.5	+6	W'S	1	b	45	85	7	-	-	0	Ci	1	•
Harrogate	1015.5	+5	WSW	3	b	47	75	7	4000	Cu	1	-	1	•
Spurn Head	1014.8	+4	W	6	b-	52	75	7	-	-	0	-	0	2
Birmingham (Edgbaston)	1019.0	+8	NW	2	b-	51	75	6	4000	StCu	1	-	1	•
Cranwell	1016.8	+8	WNW	3	b-	49	75	6	-	-	0	-	0	0
Gorleston	1015.3	+6	W	3	bc/r	53	97	6	2500	Nb	5	-	5	0
Valentia (Cahirciveen)	1016.2	0	S'E	4	c	53	85	8	2500	StCu	5	ASt	9	3
Roches Point	1018.8	+3	W	3	c	53	85	8	2500	StCu	9	CiCu	9	4
Pembroke (St. Ann's H.)	1019.0	+5	W	2	bc	53	75	8	1500	Cu	4	CiCu	6	•
Ross-on-Wye	1019.9	+8	W	4	bc	52	75	8	-	-	0	-	1	•
Leafield	1018.6	+8	W'N	4	b-	49	85	8	5700	StCu	1	-	1	•
Winchester (Worthy Dn.)	1018.5	+8	WNW	-	b	50	97	8	-	-	0	CiSt	1	•
S. Farnborough	1018.7	+8	WNW	-	b	50	97	6	-	-	0	-	0	•
London (Kew Obsy.)	1018.6	+7	NW	-	b	55	92	6	-	-	0	-	0	•
Croydon	1018.3	+6	WNW	-	b-	53	95	5	-	-	0	-	0	•
Shoeburyness	1018.0	+8	W'S	2	b-	55	92	7	-	-	8	ASt	8	•
Clacton-on-Sea	1016.8	+4	WSW	2	c+	55	85	7	4000	StCu	8	-	8	2
Felixstowe	1017.4	+6	NW	2	bc/r	54	85	7	4000	StCu	5	ACu	7	1
Lympne	1018.3	+6	W'N	3	bc	54	97	8	1500	Nb	7	-	7	•
Scilly (St. Mary's)	1020.7	+4	NW'N	3	bc	51	85	8	4000	Cu	3	ACu	5	2
Falmouth (Pendennis)	1021.1	+4	NW'N	-	bc	51	85	8	4000	StCu	3	CiCu	5	1
Plymouth (Cattewater)	1020.8	+6	W	3	bc	53	85	7	-	-	0	CiSt	3	2
Portland Bill	1019.0	+5	W	2	bc	53	75	8	2500	StCu	3	CiSt	6	4
Southampton (Calshot)	1019.1	+8	WNW	1	bc+	53	85	8	-	-	0	ACu	8	0
Dungeness	1018.5	+5	W	-	b	55	92	7	1500	Cu	5	ACu	8	2
Guernsey (Fort George)	1020.7	+7	NNW	3	b	55	92	7	4000	Cu	1	-	7	3

London Observations

London Observations	Heights above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	cKqrz	cucpbw	bjwbofw	62	37	30	4	Tr.	2.5	•	•	4
Croydon } 24 hours ended 7h.	244	cqmq	bcebjt	bqbbcw	61	41	33	0.5	Tr.	2.3	•	•	3
Greenwich (Royal Obsy.)	159	orc	corrb	bmwc	61	38	29	7	Tr.	1.7	80	90	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	1.4	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	62	42	30	6		1.5	83	90	•
Regent's Pk. (Botanic Gdns).	163	•	•	•	•	•	•	•	•	1.0	•	•	•
Camden Square	110	orcor	corb	•	60	42	30	2	-	•	•	91	•
Kensington Palace	80	oc	or	•	61	41	33	6	-	•	(At 18h) 93	92	•
Hampstead Observatory	450	•	•	•	59	40	30	4	0.3	1.5	•	88	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 1st

South Kensington Max.	Time	Min.	Time
1.3	13h. 31st	<0.3	2h 1st

Kew Observatory Max.	Time	Min.	Time
0.6	21h. 31st	<0.3	14h 31st

Pole Star Record at Greenwich Obsy.

Exposure from 31st Oct 17 h. 30 m. to 1st Nov 6 h. 0 m.

Stars	Exposure h. m.	Record h. m.	%
Polaris	12.30	12.20	99
δ Ursae Minoris	12.30	11.53	95

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

1st & 2nd November, 1927.

Stations	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	6.49 6.51	11.37 11.37	16.23 16.21
Greenwich	6.53 6.55	11.44 11.44	16.33 16.31
Wick	7.28 7.30	11.56 11.56	16.23 16.21
Valentia	7.35 7.37	12.25 12.25	17.13 17.11

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⊔ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The Beaufort Scale of Wind
is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

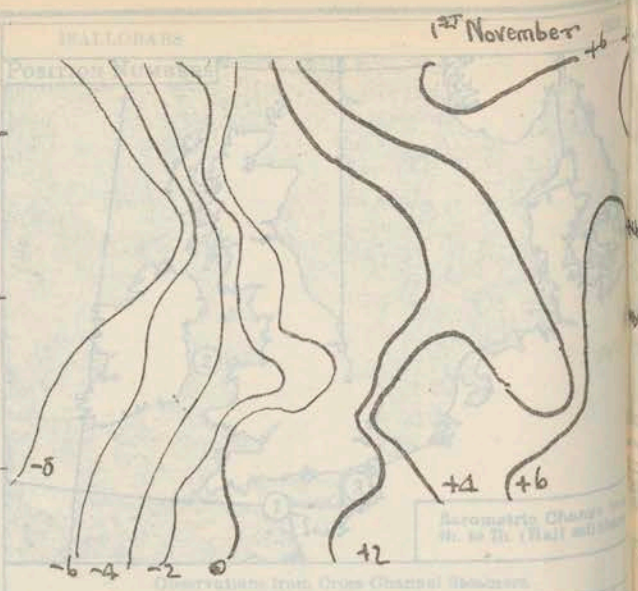
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 31st	WEATHER. 13h.-18h. 31st	WEATHER. 18h. 31st to 1h. 1st	WEATHER. 1h.-7h. 1st	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 31st Hours.
Lerwick	c	cR	b	bbce	51	38	•	Trace	17.30	–	–	0.3
Stornoway	c	bl	c	r-d	54	47	•	1	*	8	*	2.2
Wick	c	crr	r pr	cpr	51	44	•	0.1	17.30	1	<21.00	•
Tiree	prbc	bcpr	cd bc	orl m	55	50	47	0.4	<8.00	14	2.30	5.6
Nairn	bcc	bcbpr	cpr	cr	53	42	•	1	16.30	2	<21.00	2.0
Aberdeen	bcc	bcbbcc	cbcb	bccirm	55	43	37	–	–	0.1	6.30	1.8
Malin Head	bcpr	bcprbc	bcceo	oir	55	47	•	0.3	<8.00	3	3.30	5.9
Renfrew	bcp	bcpcR	bccpbc	bcgbcr	55	47	44	3	9.00	0.3	<21.00	3.4
Edinburgh (Inchkeith)	bcb	bbc	bbc	bcc	54	48	45	–	–	–	–	4.4
Leuchars	cbc	bbc	bcc	c cir	59	46	44	–	–	Trace	5.30	5.4
Eskdalemuir	cbcp	bcb	bbw	bwo	51	40	36	0.1	11.00	–	•	4.7
Tynemouth	cir	bc	bbc	bcc	57	48	39	0.1	9.00	–	–	•
Blacksod Point ...	bc	c	aqpqw	RR	57	(56)	•	–	–	7	*	•
Donaghadee	bc	pcb	bc	corr	57	45	•	–	–	1	6.30	•
Birr Castle	bbc	bcc	cid	cid	56	48	42	–	–	0.1	6.30	4.0
Holyhead	prbc	bbc	bc	bcc	56	52	48	0.1	<8.00	–	–	6.0
Liverpool (Bidston) ...	orpc	bm	bbcc		54	45	39	1	<8.00	–	–	4.1
Chester (Sealand) ...	crprbc	b	b	bbc	56	42	32	1	9.00	–	–	4.1
Harrogate	cir	cb	b	bbc	56	44	38	Trace	9.00	–	–	2.9
Spurn Head	o	bRHbc	b	bbc	56	44	•	5	12.30	–	–	
Birmingham (Edgbaston)	cbc	bcpc	b	bcc	59	41	38	0.3	12.30	–	–	2.3
Cranwell	c	bc	bbc	bcm	55	36	32	Trace	13.30	–	–	0.5
Gorleston	oir	orrbcoR	bcbw	bbcW	58	41	38	7	<8.00	0.4	–	0.1
Valentia (Cahirciveen)	bccbc	bcco	obco	oor	56	52	46	–	–	9	24.00	3.6
Roches Point	b	bbcc	cbc	cfir	56	52	•	–	–	1	2.30	
Malin Head (St. Ann's H.)	cbc	bc	bcq	bcq	56	53	•	–	–	1	2.30	6.7
Llandrindod-on-Wye ...	cbbcv	bcvb	bw	bwbcc	63	41	32	–	–	–	–	5.3
Lowestoft	cfirbc	prbcb	bw	bm	60	37	30	2	<8.00	0.1	–	3.6
Manchester (Worthy Dn)	cdgmcc	cRqbcb	b	bbcife	62	33	29	2	<8.00	0.1	–	4.2
Scarborough ...	crrmbc	bcprb	bmw	bbcW	61	33	30	4	<8.00	0.1	–	2.3
London (Kew Obsy.) ...	ckqrc	curpbm	bfw	bcfw	62	37	30	4	<8.00	Trace	–	2.5
Croydon	crmq	bccprb	bm	bbcbw	61	41	33	0.5	<8.00	Trace	–	2.3
Aberdeen	orrco	opRb	b	bcF	60	38	31	3	11.00	–	–	1.0
Clacton-on-Sea ...	cbc	cpbcc	cpbcb	bbcm	57	44	37	1	<8.00	0.1	<21.00	0.9
Folkestone	crm	crrr	bcbw	bcmw	57	43	31	3	<8.00	Trace	–	0.6
Lympne	orrfrcbcorbcr		crbcb	bbcm	58	43	30	1	<8.00	Trace	<21.00	0.8
Scilly (St. Mary's) ...	bc	bc	bc	bcc	58	49	•	–	–	–	–	7.8
Falmouth (Pendennis)	cbc	bc	bc	bc	58	50	•	1	<8.00	–	–	7.5
Plymouth (Cattewater)	cdbw	bc	bcb	bwbcq	60	50	41	Trace	<8.00	–	–	7.0
Portland Bill	orbc	bc	bcb	bc	60	52	•	1	<8.00	–	–	•
Southampton (Calshot)	mcbc	bcb	bw	bw	63	42	33	2	<8.00	~~Trace~~ 0.1	–	4.2
Dungeness	cq	cdc	cmfg	Ffmz	59	~~42~~ 37	•	0.6	<8.00	–	–	•
Guernsey	cprcbc	bcb	bw	bw	60	50	•	0.5	<8.00	0.1	<21.00	4.8

† Rain or melted snow.



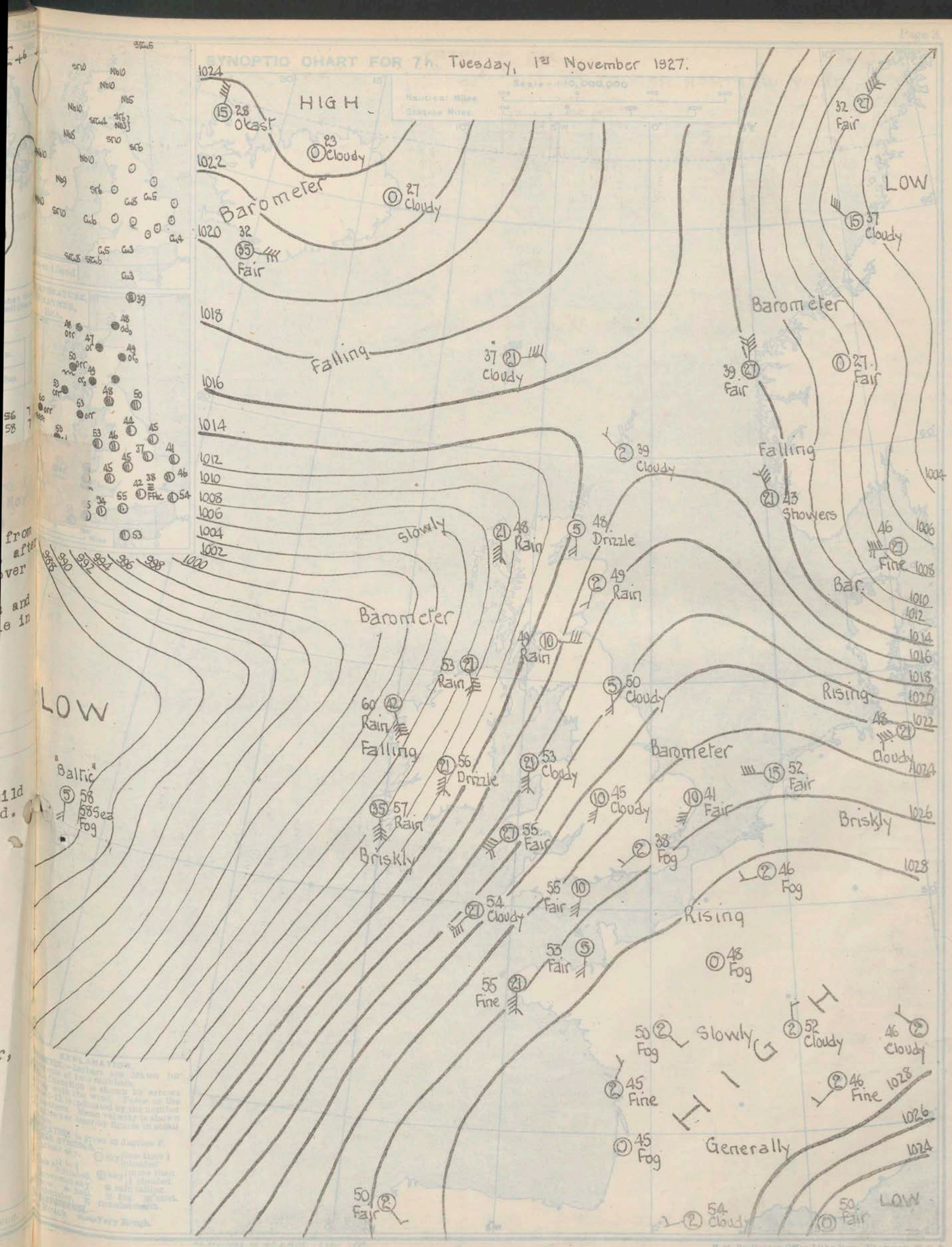
2	31st 10h	HIBERNIA	NW'W	4	c	56	56
3	1st 2h	ARUNDEL	N	1	bc-	57	58

A ridge of high pressu moving eastwards across the Sea and a deep depression is rapidly approaching Ireland from the Atlantic. Weather will, after being mainly fair at first over England, become stormy and unsettled with rain at times and with winds approaching a gale in exposed places.

Tuesday, 1st November, 1927.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook
1. S.E. England ▼ 2. E. England ▼ 3. E. Midlands	Freshening southwesterly winds, probably approaching a gale at times; fair at first, later cloudy with rain at times; rather mild.	Continuing mild and unsettled.
4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands	Southwesterly winds , moderate to strong, a gale at times locally; cloudy, occasional rain; mild.	
10. N.E. England ▼ 11. N.E. Scotland ▼	As 1 -3.	▼ South Cone hoisted at 1510 G.M.T. 31st October, 1927.
12. S.W. Scotland ▼ Isle of Man 13. W. Scotland ▼ 14. N.W. Scotland ▼	As 4 - 9.	
15. Mid Scotland 16. N.E. Scotland ▼ 17. Orkney and Shetlands ▼	As 1 - 3.	
18. N.W. Ireland ▼ 19. N.E. Ireland ▼ 20. S.E. Ireland ▼ 21. S.W. Ireland ▼	As 4 - 9.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1005 G.M.T. G. C. SIMPSON, F.R.S., Director.


SYNOPTIC CHART FOR 7h. Tuesday, 1st November 1927.
HIGH
Barometer
Falling
Slowly
Rising
Briskly
Generally
LOW
"Baltic"
Bar.
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994
992
990
988
1026
1028

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Tuesday, 1st November 1927. No. 305

Observations at 1h. G.M.T. 1st

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1013.2	+6	-	0	b	39	75	8	4000	Cu	1	-	1
Stornoway	30	1013.4	+3	SW	3	c	*	*	6	*	*	*	*	*
Wick	81	1013.1	+4	WNW	2	c/pg	45	97	8	1500	CuNb	6	Ci.St	8
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	62	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1013.3	-1	S	6	c	51	85	7	5100	Nb	2	A.St	10
Renfrew	86	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1015.3	+4	SW	4	bc+	49	85	8	1500	St	3	-	3
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1018.8	+2	W	2	bc+	49	85	7	1500	St	3	A.Cu	5
Blacksod Point	18	1009.0	-3	SSE	8	c+	56	65	7	*	-	0	A.St	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1020.0	+2	SSW	5	bc	54	85	7	2500	St.Cu	6	-	6
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1020.8	+3	SW'S	3	b	46	92	6	-	-	0	A.Cu	1
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1022.3	+7	SSW	2	b	44	92	6	-	-	0	-	0
Gorleston	14	1022.1	+4	W'S	2	b	45	92	6	-	-	0	-	0
Valentia (Cahirciveen) F	30	1013.2	-3	S	5	o	51	85	9	-	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1021.7	+1	SSW	5	bc	54	92	8	2500	Cu	4	-	4
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	44	*	*	*	*	*	*	*
Croydon	244	1024.2	+4	S	3	bc+	42	97	7	5700	St.Cu	3	-	3
Shoeburyness	21	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1024.6	+4	WNW	2	b	46	97	6	2500	St.Cu	1	-	1
Scilly (St. Mary's)	163	1022.4	-2	SW'W	5	bc+	53	97	8	4000	St.Cu	2	Ci.St	6
Falmouth (Pendennis)	200	1023.8	+1	SW'S	4	bc	51	97	8	4000	St.Cu	4	-	4
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	52	1023.9	+1	SW	3	b	54	75	8	-	-	0	-	0
Southampton (Calshot)	10	1024.5	+2	SW	2	b	46	97	7	-	-	0	-	0
Dungeness	20	1024.8	+4	W	1	FFb	45	97	1	-	-	0	-	0
Guernsey (Fort George) F	295	1025.2	+2	-	0	b-	48	92	8	-	-	0	-	0

Observations at 7h. G.M.T. 1st

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	1015.7	+4	NW	1	c	39	92	8	5700	St.Cu	5	A.St	9
Stornoway	1009.5	-3	S	5	orr	48	97	5	1500	St	10	-	10
Wick	1014.2	+1	S	2	od_0	48	97	7	1500	Nb	10	-	10
Tiree	1007.6	(-9)	S	7	orr	50	97	5	<150	Nb	10	-	10
Nairn	1013.8	*	W	2	or	47	92	7	800	Nb	10	-	10
Aberdeen	1016.1	+1	SSW	1	cr_0	49	85	6	1500	Nb	5	A.St	10
Malin Head	1006.0	-9	S'E	6	orr	53	97	7	4000	Nb	8	A.St	10
Renfrew	1014.4	-3	E	3	cr_0	49	92	7	2500	St.Cu	4	A.St	10
Edinburgh (Inchkeith)	1015.7	0	S	2	cr_0	50	85	7	1500	St	9	-	9
Leuchars	1016.7	+1	SW	3	cr_0	47	92	8	1500	St.Cu	10	-	10
Eskdalemuir	1017.4	-1	S	4	o	48	85	7	800	St	10	-	10
Tynemouth	1018.9	0	S	2	c-	50	85	6	800	St	6	Ci	8
Blacksod Point	1003.3	-5	SSE	8	orr	60	85	7	*	Nb	10	-	10
Donaghadee	1014.6	-4	SW	4	orr	53	92	7	1500	Nb	10	-	10
Birr Castle	1009.8	*	S	5	cd_0	56	92	6	1500	Nb	9	-	9
Holyhead	1017.1	-3	S	5	c	53	92	8	1500	St	6	Ci.St	9
Liverpool (Bidston)	1020.6	-1	SE'S	2	bc	46	85	7	-	-	0	A.St	7
Chester (Sealand)	1020.1	-2	SSE	3	c+	47	85	8	7200	St.Cu	7	A.Cu	9
Harrogate	1021.2	0	S	1	bc	44	85	5	-	-	0	A.Cu	5
Spurn Head	1021.9	+1	S'E	4	bc+	45	85	6	-	-	0	A.St	7
Birmingham (Edgbaston)	1023.2	-1	SSW	3	c	45	97	5	450	St	8	Ci	9
Cranwell	1023.6	0	S'E	2	bc/m	37	97	6	2500	Cu	5	A.Cu	7
Gorleston	1025.3	+4	SW'S	3	bc+	41	92	6	-	-	0	Ci.Cu	4
Valentia (Cahirciveen) F	1007.4	-7	S'E	7	orr	57	97	5	800	Nb	10	-	10
Roches Point	1013.4	-4	SW	4	or	55	97	6	800	St	10	-	10
Pembroke (St. Ann's H.)	1019.1	-2	SW	6	bc+	55	97	7	2500	Cu	6	Ci	7
Ross-on-Wye	1022.7	0	SSW	2	c+	45	92	7	-	-	0	Ci	8
Leafield	1024.1	0	ESE	3	mb+	40	97	4	-	-	0	A.Cu	2
Winchester (Worthy Dn.)	1025.8	0	-	0	Fbc+	34	97	1	-	-	0	Ci	4
S. Farnborough	1025.3	0	S'W	1	bc+	42	97	6	-	-	0	Ci	5
London (Kew Obsy.)	1025.8	+1	SW	1	FFbc	38	97	1	-	-	0	Ci	5
Croydon	1026.0	+1	S'W	3	bc+	44	92	7	5100	St	2	Ci.St	9
Shoeburyness	1026.3	+1	SSW	1	Fbc-	40	97	1	-	-	0	Ci.Cu	5
Clacton-on-Sea	1025.6	+3	SW	2	bc	46	97	6	-	-	0	A.Cu	4
Felixstowe	1026.0	+4	SW	2	mmbc	48	97	4	-	-	0	Ci	3
Lympne	1026.5	0	SE'E	3	bc+	47	97	5	2500	St.Cu	1	Ci	6
Scilly (St. Mary's)	1020.3	-2	SW	6	c	54	97	8	4000	St.Cu	8	-	8
Falmouth (Pendennis)	1022.5	-1	SW'S	6	bc+	55	92	8	4000	St.Cu	8	-	8
Plymouth (Cattewater)	1023.7	0	SSW	5	bc+	54	85	7	1500	Cu	5	Ci.St	7
Portland Bill	1024.4	0	S'W	3	bc+	55	85	8	2500	Cu	3	Ci	7
Southampton (Calshot)	1026.0	+1	E	2	c	46	97	5	450	St	2	Ci.St	8
Dungeness	1026.5	+2	SSE	2	bc/m	54	92	6	1500	Cu	4	Ci	6
Guernsey (Fort George) F	1026.1	+1	S	2	bc	53	92	8	4000	Cu	3		3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st October

Stations (1)	Weather Fore-noon (2)	Weather After-noon (3)	Temperature Min. 9h. 30th to 9h. 31st (4) °F.	Temperature Max. 9h.-17h. 31st (5) °F.	Rainfall† Night 17h.-9h. 30th-31st (6) mm.	Rainfall† Day 9h.-17h. 31st (7) mm.	Sunshine Sunrise to Sunset 31st (8) hr.
Berwick-on-Tweed	c	c	45	55	-	-	2.7
Douglas (I. o. M.)	cbc	bcb	50	54	0.3	-	6.5
Llandudno	rcb	b	53	56	1	Trace	5.1
Colwyn Bay	odoco	ocb	53	56	2	-	4.3
Rhyl	cbc	bc	52	(56)	2	-	5.0
Wallasey	rcbc	bcb	53	55	1	2	4.1
Southport	robc	b	*53	56	2	1	4.7
Blackpool	or	oc	62	56	3	(Trace)	4.7
Ilkley	op	cbc	51	57	0.1	0.4	2.1
Cleethorpes	oug	tlRo	55	57	0.1	6	0.0
Skegness	ororobc	bcortlcb	54	58	4	2	0.2
Aberystwyth	cbc	bc	54	56	0.6	-	4.8
Bath	mcbcb	bbc	56	62	3	-	5.0
Cheltenham‖	cpbc	cbcc	55	63	0.3	0.3	3.8
Leamington Spa	cbccr	cb	54	60	0.2	0.3	2.9
Lowestoft	circr	bcr	55	59	3	8	0.2
Felixstowe	cd	bcm	55	58	1	1	0.5
Harwich & Dovercourt	roc	bcu	55	58	1	-	0.3
Southend	ocb	ocr	56	60	{3}	{2}	1.4

Stations (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcb	b	55	58	1	-	5.5
Bude	wbc	bc	51	57	-	-	6.5
Penzance	b	b	50	59	4	-	8.1
Paignton	b	b	54	?	3	-	7.6
Torquay	bmb	bcb	54	64	2	-	7.6
Jersey	rc	b	57	62	11	-	5.7
Weymouth	pcb	b	55	63	8	0.1	6.7
Bournemouth	rb	bcb	55	63	9	1	4.8
Ventnor	or	cb	54	61	7	1	3.8
Portsmouth (S'thsea)	cb	bcpb	56	64	6	1	3.7
Bognor	orrc	bc	56	61	9	1	3.4
Littlehampton	cpbc	bc	57	59	7	0.6	3.2
Worthing	cr	cbc	57	59	6	1	3.1
Brighton	robc	bbcor	67	58	5	5	2.1
Eastbourne‖	roro	ocbccr	55	60	3	2	1.2
Hastings‖	ocpro	ocbcc	67	59	3	1	1.1
Folkestone	orrmp	ocbcm	67	60	0.5	0.3	0.8
Dover	orcoc	cbbc	57	60	3	0.2	0.5
Tunbridge Wells	opo	oc	56	60	2	0.5	0.7
Ramsgate	opo	obcm	56	60	1	0.3	1.5
Margate	cd_0bc	bccr	57	64	0.5	0.2	1.3
Deal	odo	ocbcc	57	60	2	0.5	1.2

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. F The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. { } 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24086 WEDNESDAY 2ND NOVEMBER 1927.

Observations at 13h. G.M.T. 1st | Observations at 18h. G.M.T. 1st

Stations (For heights see p. 4).	13h Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	18h Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1015.3	-3	SE	3	c	44	75	8	5700	ScCu	5	ASt	10	·	1011.4	-5	SE'S	5	o|pr₀	44	92	7	4000	Nb	10	-	10	·
Stornoway	1004.7	-6	SE	4	orr	48	97	5	1500	St	10	-	10	·	1002.3	-2	S	5	od₀	54	97	5	1500	Nb	10	-	10	2
Wick	1010.5	-4	S	4	or₀r₀	48	92	7	1500	Nb	10	-	10	·	1005.4	-4	SSE	4	c	50	97	7	1500	St	6	CiSt	8	3
Tiree	1003.6	-3	S	6	or₀r₀	55	97	8	800	Nb	10	-	10	2	1003.3	+1	S	4	or₀r₀	55	97	8	220	Nb	10	-	10	4
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1004.5	·	-	0	o|r	50	92	7	1500	St	10	-	10	·
Aberdeen	1012.0	-6	SSE	4	orr	49	92	8	800	Nb	10	-	10	2	1007.1	-5	S	3	or₀	51	97	5	1500	Nb	10	-	10	0
Malin Head	1004.0	-4	S'W	6	or₀	58	92	7	4000	Nb	6	ASt	10	·	1004.1	+2	SSE	3	c	59	92	7	4000	ScCu	8	ASt	10	1
Renfrew	1009.2	-5	S	4	orr	54	97	6	450	Nb	10	-	10	2	1006.5	0	SSW	4	odd₀	57	97	6	450	Nb	10	-	10	·
Edinburgh (Inchkeith)	1010.3	-3	S	3	or₀r₀	53	85	8	1500	Nb	10	-	10	·	1005.4	-2	SSW	4	c	57	85	8	1500	St	9	-	9	2
Leuchars	1011.1	-6	S	3	c	52	85	7	1500	Nb	7	ASt	10	2	1007.1	-4	-	0	c/r	53	97	7	1500	Nb	8	ASt	10	·
Eskdalemuir	1012.4	-7	S'W	6	or₀r	50	97	6	800	Nb	10	-	10	2	1008.6	-3	SSW	5	orr	53	92	6	800	Nb	10	-	10	·
Tynemouth	1015.8	-3	S	3	ojp	49	85	6	1500	Nb	10	-	10	·	1010.0	-3	S	3	ojp	52	92	6	1500	Nb	10	-	10	2
Blacksod Point	1002.6	-1	S	7	odd₀	57	92	6	·	Nb	10	-	10	·	1004.0	+2	S	6	od	58	92	5	·	Nb	10	-	10	5
Donaghadee	1009.9	-7	SSW	8	orr	55	97	6	1500	Nb	10	-	10	·	1008.1	0	SW	4	or₀	57	97	7	1500	Nb	10	-	10	3
Birr Castle	1007.5	-7	S	5	cr₀r₀	59	92	6	1500	Nb	9	-	9	·	1007.9	·	S	3	cd₀	61	92	6	1500	Nb	9	-	9	·
Holyhead	1013.4	-7	S	6	or₀	55	97	6	800	Nb	10	-	10	·	1011.1	-1	SSW	6	cr₀r₀	57	97	5	450	Nb	9	ASt	10	5
Liverpool (Bidston)	1017.4	-3	SE'S	4	orr	50	92	6	1500	Nb	10	-	10	2	1013.3	-4	S'E	4	orr	56	97	6	1500	Nb	10	-	10	·
Chester (Sealand)	1017.3	-5	SE'S	3	cr₀r₀	51	85	7	800	St	3	ASt	10	2	1013.4	-4	S	3	orr	56	92	6	800	Nb	10	-	10	·
Harrogate	1018.6	-1	S	1	c	50	75	5	-	-	0	AC	8	·	1013.3	-3	S	4	or	53	92	6	5700	Nb	10	-	10	·
Spurn Head	1020.5	-2	S	5	c	51	92	6	-	-	0	ASt	10	·	1016.5	-4	S	6	orr	52	92	6	2500	Nb	10	-	10	4
Birmingham (Edgbaston)	1021.2	-3	SSW	4	c+	53	85	8	800	St	1	ASt	9	2	1017.4	-4	S	5	or₀r₀	53	97	7	800	Nb	10	-	10	·
Cranwell	1022.4	-2	SSW	3	c	52	92	7	4000	ScCu	4	ASt	10	1	1019.2	-3	S'W	5	orr	52	97	6	1500	Nb	10	-	10	·
Gorleston	1024.5	-1	SSW	4	c+	55	85	6	1500	Nb	3	CiSt	8	·	1022.0	-3	S'W	5	c	55	85	6	-	-	0	ASt	10	1
Valentia (Cahirciveen)	1007.3	0	S'E	6	or₀r₀	61	97	6	800	Nb	10	-	10	2	1009.7	+3	S	5	odd	59	97	5	<150	St	10	-	10	3
Roches Point	1011.4	-1	SW	5	orr	56	97	6	800	St	10	-	10	·	1011.9	+2	SW	6	oRR	57	97	6	800	St	10	-	10	6
Pembroke (St. Ann's H.)	1016.4	-5	SSW	7	orr	56	97	6	450	St	10	-	10	1	~~[illegible]~~	-2	SSW	8	or₀r₀	57	97	5	220	St	10	-	10	7	1013.9
Ross-on-Wye	1021.1	-2	SSW	4	cd₀	55	85	8	2500	Nb	7	ASt	10	1	1017.9	-3	S'W	5	cd₀	55	92	7	1500	Nb	8	ASt	10	·
Leafield	1022.6	-3	S	4	c	53	85	8	4000	ScCu	7	ASt	10	·	1020.2	-2	S	5	or	52	97	8	800	Nb	10	-	10	·
Winchester (Worthy Dn.)	1024.7	-2	S	~~3~~ 4	c⊕	55	85	8	2500	Cu	3	CiSt	9	1	1023.6	-2	S	4	or₀r₀	53	97	7	800	Nb	10	-	10	·
S. Farnborough	1024.5	-2	SSW	4	c⊕	57	75	8	1500	Cu	2	CiSt	10	1	1023.5	0	S'W	4	or₀	54	97	7	800	Nb	10	-	10	·
London (Kew Obsy.)	1024.8	-2	SSW	4	c	55	75	8	2500	St	1	ASt	10	2	1023.7	-1	SSW	4	c	55	85	7	1500	Nb	6	ASt	10	·
Croydon	1025.1	-2	SSW	4	c	56	85	7	1500	St	1	ASt	10	2	1023.9	-1	SW'S	4	cr₀	54	85	7	1500	Nb	7	ASt	10	·
Shoeburyness	1026.0	-1	SW	3	c/f	57	92	6	-	-	0	CiSt	8	·	1024.4	-2	SW	4	c+	54	92	7	1500	St	3	ASt	9	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·	1023.9	-2	SSW	4	c	55	85	7	-	-	0	ASt	8	3
Felixstowe	1025.6	-1	SSW	4	c+	55	92	6	2500	St	5	ASt	10	1	1023.6	-2	SW'S	5	c	55	85	7	4000	St	4	ASt	9	4
Lympne	1026.3	-1	SSW	4	c+	55	92	6	800	St	10	-	10	1	1025.3	-1	SSW	4	c	53	92	6	800	St	7	ASt	9	·
Scilly (St. Mary's)	1019.0	-1	S'S'W	7	orr	56	97	6	2500	Nb	10	-	10	·	1018.5	0	WSW	7	o	56	97	6	2500	Nb	10	-	10	7
Falmouth (Pendennis)	1021.6	-2	SW	7	orr	56	97	6	2500	Nb	10	-	10	·	1019.6	-1	SW'S	7	or₀	55	97	7	2500	Nb	10	-	10	5
Plymouth (Cattewater)	1023.3	-2	S	6	c	56	92	6	800	Nb	9	ASt	10	2	1021.4	-1	SSW	5	orr	55	97	6	450	Nb	10	-	10	6
Portland Bill	1024.3	-2	S'W	5	c	57	85	7	1500	St	6	ASt	10	·	1022.6	-1	S	5	or₀r₀	57	92	7	1500	Nb	10	-	10	6
Southampton (Calshot)	1025.6	-1	SSW	5	c⊕	57	85	7	1500	ScCu	5	CiSt	10	0	1024.4	0	SSW	5	cd₀	56	85	7	1500	St	6	ASt	10	3
Dungeness	1027.2	+1	SW	5	c+	57	92	8	800	St	7	ASt	10	·	1025.8	-3	SW	4	c	55	85	8	1500	Cu	4	A-St	10	5
Guernsey (Fort George)	1026.6	-2	S'W	5	c	55	92	8	2500	Cu	4	CiSt	8	·	1026.2	-1	SW	6	cr₀d₀	56	85	7	800	St	10	-	10	6

London Observations.	Height above M.S.L. in feet.	Weather Morning (24 Hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day. °F.	Min. Night. °F.	Min. on Grass. °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew / Croydon } 24 hours ended 7h.	18	befwc	cr₀	crrcbf	58	54	52	Tr	13	0.9	*	*	7
	244	bcwofe	cm₀	cofrrmg	57	53	52	0.1	11	0.8	*	*	7
Greenwich (Royal Obsy.)	148	c⊕	c⊕, o	orrrac	60	53	50	-	8	1.4	78	87	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	61	50	46	11		0.6	78	89	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.1	*	*	*
Camden Square	110	bc	co	*	57	54	51	-	11	*	*	93	*
Kensington Palace	80	bcc	c	*	59	54	51	-	12	*	(At 18h) 87	94	*
Hampstead Observatory	450	*	*	*	58	~~[illegible]~~ 51	~~[illegible]~~ 45	2	9	1.0	*	95	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 2nd

South Kensington Max.	Time.	Min.	Time.
0.8	9h. 1st	<0.3	3h. 2nd

Kew Observatory Max.	Time.	Min.	Time.
0.5	9h. 1st	<0.3	1h. 2nd

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st 17 h. 30 m. to 2nd 6 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 30	0.0	nil
δ Ursae Minoris	12 30	0.0	nil

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

2nd & 3rd Nov., 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.51 6.53	11.37 11.37	16.21 16.19
Greenwich	6.55 6.57	11.44 11.44	16.31 16.29
Wick	7.30 7.33	11.56 11.56	16.21 16.18
Valentia	7.37 7.39	12.25 12.25	17.11 17.9

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). / before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

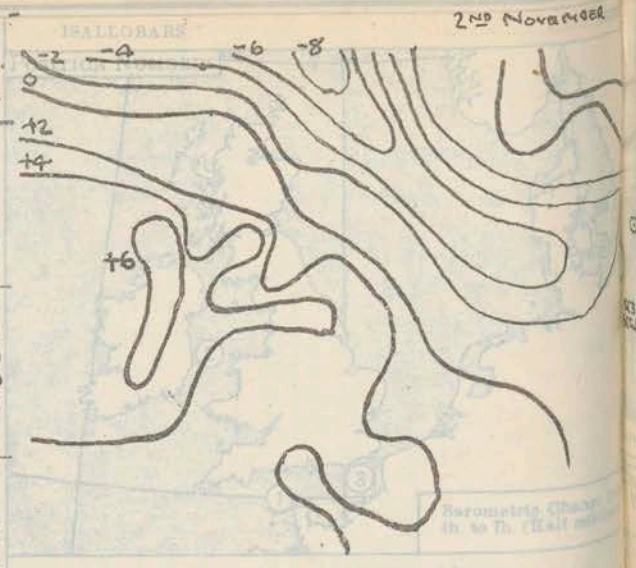
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 1st	WEATHER. 18h.-18h. 1st	WEATHER. 18h. 1st to 18h. 2nd	WEATHER. 18h.-7h. 2nd	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	RAINFALL† Day. 7h.-18h. began.	RAINFALL† Night. 18h.-7h. mm.	RAINFALL† Night. 18h.-7h. began.	SUN 1st Hours.
Lerwick	c	co bc	orr	or ri	45	40	•	Trace	17·30	2	<21·00	0·0
Stornoway	r-d	rd	r-d	p	54	52	•	14	*	3	*	0·0
Wick	or r	or r r	c	crrc	50	49	•	11	<8·00	2	4·30	•
Tiree	rr or	rr or r	r g	obcq	55	55	51	11	<8·00	2	<21·00	0·0
Nairn	rr o	Rr o	cprq	cq	51	47	•	16	<8·00	1	22·00	0·0
Aberdeen	cprrm	prrm	orrm	ocirm	51	50	46	12	<8·00	2	<21·00	0·0
Malin Head	oirr	oe	oecR	cbc	59	56	•	2	<8·00	1	22·00	0·0
Renfrew	orrm	orrqd	oqdm	orRm	57	57	56	16	<8·00	3	<21·00	0·0
Edinburgh (Inchkeith)	crr	brc	c	dirdimrc	57	56	55	3	<8·00	6	24·00	0·0
Leuchars	crr	orr	c	cRr	53	52	50	4	<8·00	2	4·30	0·0
Eskdalemuir	orrm	orrm	orrdm	arrm	53	52	52	27	9·00	19	<21·00	0·0
Tynemouth	coir	oir	oirbcc	orr	52	52	48	2	11·00	5	<21·00	•
Blacksod Point ...	Rd	Dd	Dd	Dcbc	60 ~~58~~	55	•	3	*	3	*	•
Donaghadee	orr	rrir	oir	cir	57	56	•	10	<8·00	2	<21·00	•
Birr Castle	crrm	cir	c	circ	61	59	55	6	<8·00	1	<21·00	0·0
Holyhead	cirr	rrR	riRc	rom	57	57	56	16	9·06	9	<21·00	0·0
Liverpool (Bidston) ...	corr	orr	ccpo	opqvc	56	55	53	15	11·00	5	<21·00	0·0
Chester (Sealand) ...	cf	rorrm	rr	c	56	56	55	3	11·00	6	<21·00	0·0
Harrogate	bcc	cor	ocidq	ocid	53	~~54~~ 53	52	3	13·30	0·4	<21·00	0·0
Spurn Head	bcco	orr	oro	ors	53	52	•	1	16·30	3	<21·00	1·3
Birmingham (Edgbaston)	c	corr	orR	opr	53	53	52	4	13·30	4	<21·00	0·0
Cranwell	c	crr	cir	rc	54	52	50	2	16·30	3	<21·00	0·6
Gorleston	bcc	cq	orrqr	orrqp	56	52	51	–	–	9	<21·00	3·6
Valentia (Cahirciveen)	or	ord	oid	oido	61	57	51	13	<8·00	0·4	<21·00	0·0
Roches Point	orr	oRr	crrdd	odd	58	55	•	24	<8·00	3	<21·00	•
Pembroke (St. Ann's H.)	crrm	cqrrm	cqrrm	cqpm	57	57	•	15	9·00	2	<21·00	0·0
Ross-on-Wye	c	dird	cdqr	opo	56	55	54	1	12·30	2	<21·00	0·0
Leafield	fbcc	cpor	orir	o	55	~~52~~ 51	51	3	14·30	5	<21·00	0·0
Winchester (Worthy Dn.)	cfnmc	crr	orr	orrm	56	53	52	1	15·30	13	<21·00	0·0
S Farnborough ...	bcmc	cor	orrm	r-d	57	53	52	Trace	17·30	8	<21·00	0·5
London (Kew Obsy.) ...	bcfwc	cr	crrm	crcbc	58	54	52	Trace	17·30	13	<21·00	0·9
Croydon	bcwofc	cm	corrm	orrmc	57	53	52	0·1	–	11	<21·00	0·8
Shoeburyness	bffbc	bcc	od	orr	58	53	52	–	–	5	<21·00	1·1
Clacton-on-Sea ...	bcom	omc	corr	orr	56	53	52	–	–	6	<21·00	2·8
Felixstowe	bccm	cmc	crrrr	crrr	56	53	52	Trace	–	5	<21·00	2·1
Lympne	bcocm	cm	oRmf	orm	56	52	50	–	–	12	<21·00	0·2
Scilly (St. Mary's) ...	comr	orrm	oirf	oifid	56	56	•	6	<8·00	1	<21·00	0·0
Falmouth (Pendennis)	bcomm	oRmq	omrq	omorq	57	55	•	6	9·00	1	<21·00	0·0
Plymouth (Cattewater)	bccf	coqmr	omqrr	omdd	57	55	55	8	11·00	2	<21·00	0·0
Portland Bill	bcc	cor	orrdz	oiz	57	55	•	1	15·30	3	<21·00	•
Southampton (Calshot)	c	cd	oRR	orr	58	55	54	Trace	16·30	4	<21·00	1·0
Dungeness	bcc	c	cprorr	orrig	58	55	•	–	–	3	22·00	•
Guernsey	bccq	cirq	crc	cir	~~57~~ 56	55	•	0·2	16·30	0·4	<21·00	•



Observations from Cross Channel Steamers.

Position.	Date and Time	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
1	1st 12h.	St. Julien	SSW	4	c+	59	58
2	1st 10h.	Hibernia	S	7	RR	56	56
3	2nd 2h.	Dieppe	ENE	7	c	58	58

GENERAL INFERENCE.

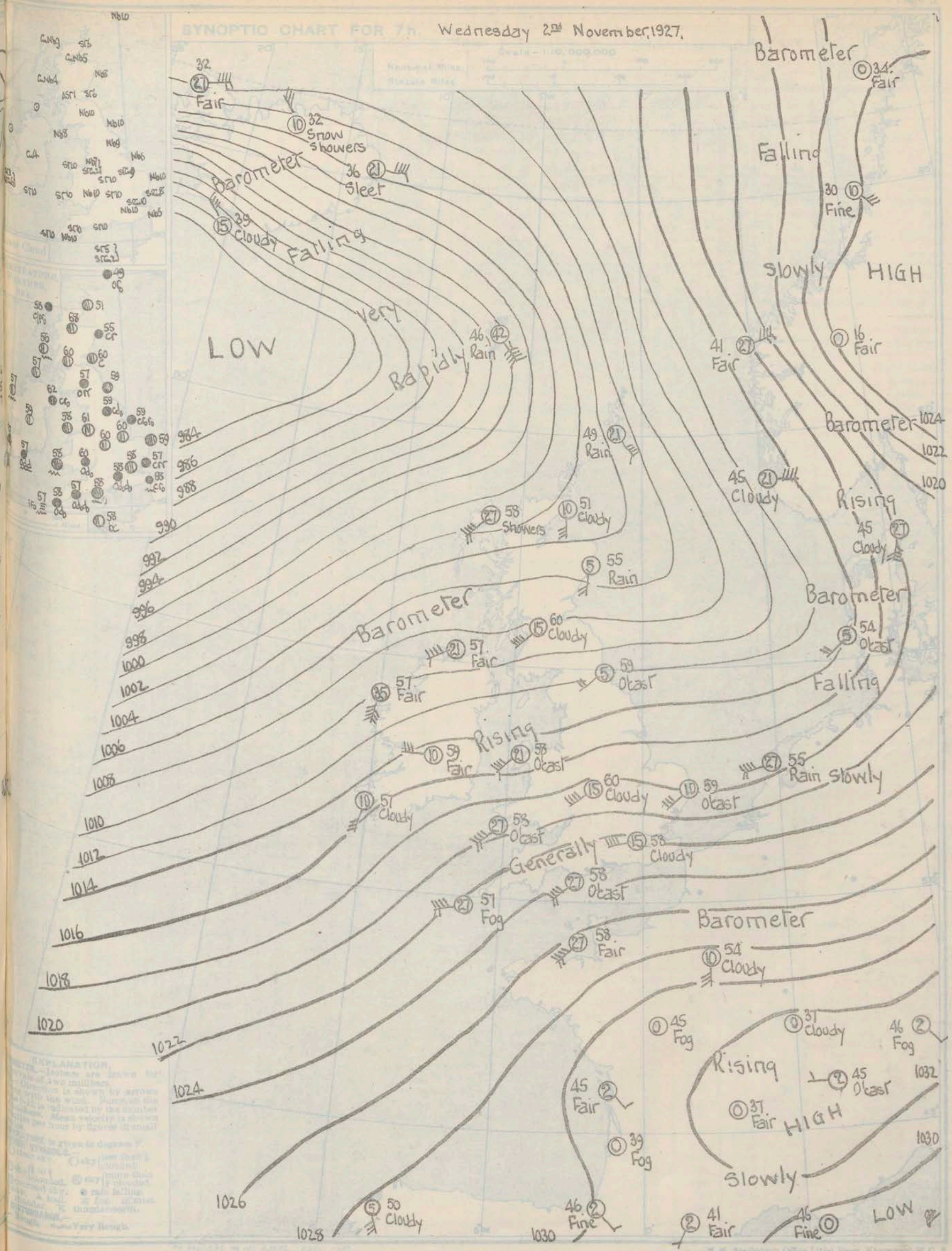
Anticyclones, centred over Scandinavia and Switzerland, are increasing in intensity, and secondaries to a depression, centred to the south of Iceland, are moving northeastwards across the British Isles. Unsettled weather will continue but there will be some fair periods in all districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 2nd. November, 1927.

Districts.	Forecasts	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind west to southwest, strong at times; some fair periods but occasional rain or drizzle locally; morning mist in places; very mild.	Mild and unsettled.
5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼ 8. N.W. England ▼	Wind between south and west, moderate to strong, stronger at times locally; occasional rain but some fair intervals; very mild.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.	▼ South Cone still flying.
12. S.W. Scotland ▼ Isle of Man 13. A. W. Scotland ▼ B. NW Scotland ▼ 14. Mid Scotland 15. N.E. Scotland ▼	As 5 - 8.	
16. Orkneys and Shetlands ▼	Southeasterly winds, veering, moderate to strong at times; occasional rain, some fair periods; local mist; very mild.	
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	As 5 - 8.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1010 G.M.T. G. C. Simpson, F.R.S., Director.

† For codes see page 1 — Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. Wednesday 2nd November, 1927.
LOW
HIGH
Barometer Falling very Rapidly
Barometer Falling slowly
Barometer Rising slowly
Barometer Falling
Barometer Rising
Barometer Generally
Barometer Falling
Rising slowly
Rising
Slowly
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
32 Fair
32 Snow Showers
36 Sleet
39 Cloudy
46 Rain
49 Rain
58 Showers
51 Cloudy
55 Rain
60 Cloudy
57 Fair
57 Fair
59 Overcast
59 Fair
58 Overcast
57 Cloudy
60 Cloudy
59 Overcast
55 Rain
58 Overcast
58 Cloudy
57 Fog
58 Overcast
58 Fair
54 Cloudy
45 Fog
37 Cloudy
46 Fog
45 Fair
45 Overcast
37 Fair
39 Fog
50 Cloudy
46 Fine
41 Fair
45 Fine
34 Fair
30 Fine
16 Fair
41 Fair
45 Cloudy
45 Cloudy
54 Overcast

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. WEDNESDAY, 2ND NOVEMBER 1927. No. 306

Stations	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 2ND: Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1008·3	+1	SE	7	orr	47	92	7	4000	Nb	10	-	10	•
Stornoway	30	1003·6	+1	W	3	r.r.	•	•	6	•	•	•	•	•	5
Wick	81	1005·4	0	SSE	1	c	50	97	7	1500	St	4	A.St	8	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Malin Head	51	1005·5	+1	S	4	c/r	61	97	7	4000	Nb	2	A.St	10	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1007·1	0	WSW	2	0	57	97	8	800	St	10	-	10	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1009·4	+1	SW	2	orr.	59	85	7	1500	Nb	10	-	10	2
Blacksod Point	18	1004·8	+1	S	6	odd	59	92	6	•	Nb	10	-	10	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1013·1	+3	SW'S	5	0	58	97	6	800	St	10	-	10	5
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	39	1013·3	-1	SW	6	or	57	85	7	4000	Nb	10	-	10	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1015·4	-5	SW'W	5	or.	57	97	6	800	Nb	10	-	10	•
Gorleston	14	1018·0	-4	SW	5	orr.	54	92	6	800	Nb	10	-	10	1
Valentia (Cahirciveen) P	30	1010·0	+3	S	4	0	60	97	6	-	St	10	-	10	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	6
Pembroke (St. Ann's H.)	150	1016·7	+2	SW	6	mmo	58	97	4	450	St	10	-	10	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	55	•	•	•	•	•	•	•	•
Croydon	244	1021·6	-1	SW	5	orr	55	97	6	1500	Nb	10	-	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Lympne	350	1023·8	0	SSW	5	oRR	53	97	3	800	St	10	-	10	•
Scilly (St. Mary's)	163	1020·2	+1	WSW	6	or.	57	97	3	800	St	10	-	10	7
Falmouth (Pendennis)	200	1021·4	+2	WSW	6	or.	57	97	6	2500	Nb	10	-	10	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Portland Bill	32	1021·4	0	S'W	7	orr.	58	92	6	1500	Nb	10	-	10	7
Southampton (Calshot)	10	1022·8	0	SW	5	orr.	56	97	5	800	Nb	10	-	10	3
Dungeness	20	1022·5	-3	SW	6	orr	56	92	6	1500	Nb	10	-	10	6
Guernsey (Fort George) P	295	1025·0	0	SSW	3	c+	58	85	5	2500	St.Cu	10	-	10	5

Stations	Observations at 7h. G.M.T. 2ND: Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	1005·2	-9	SE	5	or.	49	97	7	4000	Nb	10	-	10
Stornoway	1000·7	+1	SW	6	c/pr	58	85	7	4000	CuNb	9	-	9
Wick	1002·8	-3	S	3	c/r	51	97	7	1500	St	6	A.St	10
Tiree	1006·6	+2	SSW	6	bc	56	92	7	1500	CuNb	4	A.Cu	7
Nairn	1003·6	•	SSW	3	c	58	92	8	4000	CuNb	5	C.Cu	8
Aberdeen	1005·4	-1	S	2	cr	55	97	6	2500	Nb	8	A.St	10
Malin Head	1009·3	+6	SW'W	5	bc	57	85	7	-	-	0	A.Cu	5
Renfrew	1009·8	+4	SW	4	c/r	60	97	6	450	St	9	A.St	10
Edinburgh (Inchkeith)	1007·5	0	WSW	3	c-	60	92	8	1500	St	6	A.St	10
Leuchars	1009·5	0	SW	3	o/r	61	92	7	800	St	10	-	10
Eskdalemuir	1011·0	+1	SW'S	6	orr	57	97	4	220	Nb	10	-	10
Tynemouth	1011·3	+3	SW	2	ojp	59	92	7	1500	Nb	10	-	10
Blacksod Point	1010·4	+4	SSW	7	bc	57	75	7	•	-	0	Cu	6
Donaghadee	1012·5	+3	W	3	cr.	62	97	7	1500	Nb	8	-	8
Birr Castle	1014·2	•	W	3	bc-	59	92	7	2500	Cu	4	C.Cu	7
Holyhead	1014·7	+2	SW'S	5	0	58	97	5	450	St	10	-	10
Liverpool (Bidston)	1016·2	+2	WSW	5	c-	61	85	9	2500	Nb	9	-	9
Chester (Sealand)	1015·7	+3	SW'W	5	c	62	85	8	2500	St.Cu	2	A.Cu	8
Harrogate	1015·7	+6	SW	3	cd.	59	92	7	2500	Nb	9	A.St	10
Spurn Head	1015·8	+2	SW	4	crr.	59	92	7	4000	Nb	6	A.St	10
Birmingham (Edgbaston)	1019·5	+2	SW	4	c-	60	85	8	1500	St.Cu	10	-	10
Cranwell	1017·5	+2	WSW	5	c	60	92	8	1500	St.Cu	9	-	9
Gorleston	1017·9	0	SW'W	3	0	59	92	6	2500	Nb	10	-	10
Valentia (Cahirciveen) P	1016·0	+5	S'W	3	c/d	57	97	7	800	St.Cu	9	-	9
Roches Point	1017·4	+4	SW	2	odd	57	97	6	800	St	10	-	10
Pembroke (St. Ann's H.)	1018·6	+2	SW	6	0	58	97	5	450	St	10	-	10
Ross-on-Wye	1020·8	+2	WSW	2	od.	60	92	7	1500	Nb	10	-	10
Leafield	1022·2	+2	SW	4	oc	58	97	7	800	St	10	-	10
Winchester (Worthy Dn.)	1023·3	+2	SSW	3	odd	57	97	6	220	Nb	10	-	10
S. Farnborough	1023·2	+3	SW	3	odd	58	97	6	450	Nb	10	-	10
London (Kew Obsy.)	1022·7	+4	WSW	4	c	58	97	8	800	St.Cu	10	-	10
Croydon	1022·6	+2	SW	4	c	59	92	7	1500	Nb	9	A.St	10
Shoeburyness	1022·5	+2	SW	3	c	58	97	6	800	St.Cu	10	-	10
Clacton-on-Sea	1020·7	+1	SW	4	crr	57	92	6	2500	Nb	5	A.St	10
Felixstowe	1020·4	+1	WSW	4	c	59	92	6	1500	St.Cu	8	A.St	10
Lympne	1024·7	+3	SW	4	or.	56	97	6	450	St	10	-	10
Scilly (St. Mary's)	1023·4	+3	W'S	6	iFo	57	97	1	450	St	10	-	10
Falmouth (Pendennis)	1024·0	+2	SW'S	5	od.	58	97	6	2500	Nb	10	-	10
Plymouth (Cattewater)	1024·4	+3	SW	4	odd	57	97	4	<150	St	10	-	10
Portland Bill	1022·7	+1	SW	6	o	58	97	6	1500	St	10	-	10
Southampton (Calshot)	1024·3	+2	SW	5	odd	57	97	4	800	Nb	10	-	10
Dungeness	1024·4	+2	SW	6	cr.	58	97	7	1500	Nb	6	A.St	10
Guernsey (Fort George) P	1026·6	+2	SW'W	6	bc	58	92	7	1500	St	7	-	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1ST NOVEMBER

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 31st to 9h. 1st °F	Temperature. Max. 9h.-17h. 1st °F.	Rainfall.† Night 17h.-9h. 31st-1st mm.	Rainfall.† Day 9h.-17h. 1st mm.	Sunshine. Sunrise to Sunset. 1st hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	cr.	cr.	47	55	-	3	0·0
Douglas (I. o. M.)	or	or	48	56	-	11	0·0
Llandudno	o	rod	44	64	-	0·2	0·0
Colwyn Bay	bcc	corro	50	59	-	1	0·0
Rhyl	cpo	opo	45	60	-	0·2	0·0
Wallasey	corR	RR	46	54	-	21	0·0
Southport	cor	orr	*44	53	-	10	0·0
Blackpool	orr	orr	44	52	-	9	0·0
Ilkley	cor	or	39	54	-	3	0·0
Cleethorpes	o	or	40	53	Trace	0·5	1·4
Skegness	bcc	or.	40	60	5	5	1·9
Aberystwyth	cor	Rr	45	58	-	7	0·0
Bath	c	cr.	36	56	-	0·3	0·0
Cheltenham‖	cbco	or	41	57	0·3	2	0·0
Leamington Spa	c	cr	40	55	-	2	0·0
Lowestoft	b	bbc	41	55	0·5	-	3·4
Felixstowe	bmbc	bcc	43	56	2	-	2·8
Harwich & Dovercourt	bcm	bcc	41	56	2	Trace	2·4
Southend	cbc	oc	44	57	2	-	0·8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	or	orr	48	58	-	8	0·0
Bude	or	or	44	57	-	7	0·0
Penzance	orr	orr	46	58	0·5	9	0·0
Paignton	owor.	pp/ocp	41	?	-	1	0·0
Torquay	cwodp	odmp	46	57	-	0·3	0·0
Jersey	bc	c	48	57	0·2	-	1·3
Weymouth	bcc	cpr	42	57	-	0·2	0·3
Bournemouth	b. o	od	38	57	-	Trace	1·0
Ventnor	cb	co	48	58	Trace	-	1·1
Portsmouth (S'thsea)	bc	co	42	58	Trace	-	1·2
Bognor	bc	c	41	57	0·3	-	1·8
Littlehampton	bc	bcc	39	57	-	-	2·4
Worthing	cbcc	c	40	57	-	-	2·1
Brighton	rofbc	bcco	40	58	Trace	-	3·1
Eastbourne‖	bcc	o	42	59	0·6	-	2·0
Hastings‖	mcbcc	cbcc	47	59	0·4	-	1·6
Folkestone	oc	c	42	58	Trace	-	0·7
Dover	c	c	40	57	2	-	0·9
Tunbridge Wells	bco	oco	40	57	-	-	1·3
Ramsgate	bbc	bcc	46	58	5	-	2·4
Margate	bc	bcc	45	59	2	-	3·0
Deal	bcco	o	41	57	-	-	1·0

TERMS OF SUBSCRIPTION.—3/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †: See footnote page 1

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Observations at 13h. G.M.T. 2ND

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0–10	Upper Form	Total Amt. 0–10	State of ground.
Lerwick	1003.9	+2	SW	2	c	54	85	7	5700	StCu	5	ASt	8	•
Stornoway	1005.4	+2	SW	6	cpr0	56	75	8	4000	CuNb	8	-	8	•
Wick	1008.1	+6	SW	2	bc	58	65	8	2500	Cu	4	CiSt	6	•
Tiree	1010.7	+1	SW	6	c+	57	85	7	1500	St	9	-	9	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1010.7	+3	SW	3	b-	63	55	7	-	-	0	ACu	1	2
Malin Head	1012.7	+2	SW	5	b	59	85	7	-	-	0	ACu	1	•
Renfrew	1015.1	+4	SW	4	bc	62	75	7	2500	Cu	3	ACu	4	2
Edinburgh (Inchkeith)	1012.3	+4	WSW	6	bc-	59	65	8	-	-	0	ACu	3	•
Leuchars	1012.6	+5	WSW	6	bc	62	65	8	-	-	0	ACu	3	2
Eskdalemuir	1015.7	+4	WSW	5	c	59	75	7	2500	Cu	1	Ci	8	2
Tynemouth	1016.8	+6	WSW	4	bcm	66	65	7	1500	CuNb	5	-	5	•
Blacksod Point	1013.6	+2	S	5	bc	58	85	7	-	-	0	Ci	4	•
Donaghadee	1017.0	+2	WSW	3	bc+	62	85	8	5700	StCu	3	Ci	4	•
Birr Castle	1017.0	•	SW	2	bc-	64	65	8	4000	Cu	2	Ci	5	•
Holyhead	1018.6	+3	SW'S	4	mmo	57	97	4	220	St	10	-	10	2
Liverpool (Bidston)	[illegible]	+2	SW	4	c	62	85	3	2500	Nb	8	ACu	9	•
Chester (Sealand)	1020.2	+2	SW	2	c	64	85	8	800	St	8	ACu	9	2
Harrogate	1019.0	+2	SW	3	c	61	85	7	2500	Nb	8	ASt	9	•
Spurn Head	[illegible]3	0	WSW	5	c	61	85	7	5700	StCu	5	ACu	8	•
Birmingham (Edgbaston)	1022.2	+2	SW	4	c	62	85	8	2500	Nb	9	-	9	2
Cranwell	1021.7	+4	WSW	4	c	63	92	6	1500	St	9	ASt	10	2
Gorleston	1021.2	+3	W'S	4	c-	64	92	7	5700	StCu	9	-	9	•
Valentia (Cahirciveen)	1018.3	+1	S'E	3	f	57	97	3	220	St	10	-	10	1
Roches Point	1020.3	+2	SW	1	fe0	55	97	3	450	St	10	-	10	•
Pembroke (St. Ann's H.)	1022.1	+3	SW'S	6	fe0	57	97	2	450	St	10	-	10	•
Ross-on-Wye	1022.5	+1	SW'W	4	c	62	85	7	2500	StCu	8	CiCu	9	2
Leafield	1023.7	+1	SSW	4	o	59	97	7	800	St	10	-	10	2
Winchester (Worthy Dn.)	1025.9	+2	SW'W	3	o	58	97	6	450	St	10	-	10	2
S. Farnborough	1025.5	+2	WSW	3	o	59	97	6	220	St	10	-	10	2
London (Kew Obsy.)	1025.1	+1	SW	4	c	60	92	6	2500	StCu	10	-	10	2
Croydon	1025.2	+2	SW'W	4	o	61	92	6	800	St	10	-	10	2
Shoeburyness	1025.4	+3	WSW	3	c	62	92	7	1500	St	9	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1023.8	+2	W	4	c	63	85	6	1500	StCu	8	ASt	10	1
Lympne	1025.6	0	SW	5	o	58	97	5	450	St	10	-	10	2
Scilly (St. Mary's)	1024.5	+3	W'S	5	Ff0	57	97	1	<150	St	10	-	10	•
Falmouth (Pendennis)	1026.3	+3	SW'S	5	fe0	58	97	6	1500	St	10	-	10	•
Plymouth (Cattewater)	1026.4	+1	SW	4	oef0	57	97	3	<150	St	10	-	10	2
Portland Bill	1025.9	+2	SW	5	od0	58	97	6	1500	St	10	-	10	•
Southampton (Calshot)	1026.3	0	WSW	5	o	58	97	6	800	St	10	-	10	2
Dungeness	1026.4	+3	WSW	5	od0d0	58	97	5	800	Nb	10	-	10	•
Guernsey (Fort George)	1028.5	0	SW	5	bc	60	85	8	1500	St	2	CiSt	4	•

Observations at 18h. G.M.T. 2ND

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0–10	Upper Form	Total Amt. 0–10	Sea. 0–9
Lerwick	1005.0	+2	SSE	3	c	55	85	8	5700	StCu	5	ASt	8	5
Stornoway	1006.3	+1	SSW	6	cpr0	57	75	7	4000	CuNb	8	-	8	•
Wick	1007.9	0	SW	4	bc	55	75	8	1500	St	4	Ci	5	-
Tiree	1011.4	0	SSW	6	c	54	92	6	1500	CuNb	5	ACu	8	6
Nairn	1009.8	•	SSW	5	bc-	56	75	8	4000	Cu	4	-	4	•
Aberdeen	1013.2	+2	SSW	2	b	58	65	8	-	-	0	Ci	1	0
Malin Head	1013.1	0	S	5	bc+	56	85	7	5700	StCu	2	ACu	4	4
Renfrew	1016.6	+2	SW	5	bc	55	85	7	-	-	0	ASt	3	•
Edinburgh (Inchkeith)	1014.8	+3	WSW	3	bc+	56	75	8	-	-	0	ACu	4	2
Leuchars	1015.1	+2	WSW	5	bc+	54	85	7	1500	St	1	Ci	3	•
Eskdalemuir	1017.8	+1	SW	5	bc	53	85	8	1500	St	2	Ci	5	•
Tynemouth	1018.1	+3	SW	2	bc	56	92	7	1500	CuNb	5	-	5	2
Blacksod Point	1013.2	0	S	6	c+	55	85	7	•	StCu	10	-	10	7
Donaghadee	1017.5	+1	WSW	3	bc-	55	92	8	5700	StCu	5	Ci	6	1
Birr Castle	1016.0	•	S	2	c+	60	92	7	1500	Nb	8	ASt	10	•
Holyhead	1019.6	0	SSW	4	od0	57	97	4	220	St	10	-	10	4
Liverpool (Bidston)	1020.8	+1	SW	3	c	61	85	8	2500	Nb	2	ASt	9	•
Chester (Sealand)	1020.9	+1	SSW	2	c	63	85	8	2500	StCu	9	-	9	•
Harrogate	1020.5	+1	SSW	3	od0d0	60	92	7	2500	Nb	10	-	10	•
Spurn Head	1024.3	+1	SSW	3	o+	60	92	6	4000	Nb	10	-	10	3
Birmingham (Edgbaston)	1023.5	+1	SSW	4	c	60	97	6	2500	StCu	9	-	9	•
Cranwell	1022.6	+2	SW	4	c-	61	97	6	4000	StCu	9	-	9	•
Gorleston	1024.0	+4	SW'S	3	c	62	92	6	4000	StCu	10	-	10	0
Valentia (Cahirciveen)	1016.3	-1	S'E	4	od0	58	97	6	<150	St	10	-	10	3
Roches Point	1019.9	0	SW	3	od0	56	97	6	800	St	10	-	10	5
Pembroke (St. Ann's H.)	1022.1	0	SW'S	5	o	57	97	-	450	St	10	-	10	0
Ross-on-Wye	1023.7	+1	SW	4	c	61	92	7	1500	St	10	-	10	•
Leafield	1025.0	+2	S'W	3	o	58	97	7	800	St	10	-	10	•
Winchester (Worthy Dn.)	1027.0	+2	S'W	3	od0	57	97	4	220	St	10	-	10	•
S. Farnborough	1026.6	+2	SW'S	3	o	58	97	2	450	StCu	10	-	10	•
London (Kew Obsy.)	1026.9	+3	SW	4	c	60	97	6	2500	StCu	10	-	10	•
Croydon	1027.0	+3	SW'S	3	o	59	97	6	800	St	10	-	10	•
Shoeburyness	1025.7	+2	SW'W	4	cd0	60	92	7	2500	Nb	3	ASt	8	•
Clacton-on-Sea	1026.0	+2	SW	3	o	58	97	6	4000	St	10	ASt	10	5
Felixstowe	1026.1	+3	WSW	4	c	59	97	6	800	St	9	-	10	2
Lympne	1028.1	+2	SW	4	for0	57	97	1	<150	St	10	-	10	•
Scilly (St. Mary's)	1024.5	+1	SW'W	5	Ff0	56	97	1	450	St	10	-	10	7
Falmouth (Pendennis)	1026.3	0	SW'S	5	Fo+	56	97	1	220	St	10	-	10	7
Plymouth (Cattewater)	1026.6	0	SW	5	o	57	97	6	220	St	10	-	10	5
Portland Bill	1026.7	+1	SW	4	od0	57	97	6	1500	St	10	-	10	6
Southampton (Calshot)	1028.4	+3	SW	4	od0	57	97	6	<150	St	10	-	10	0
Dungeness	1028.1	+3	WSW	5	od0	58	97	5	800	Nb	10	-	10	5
Guernsey (Fort George)	1028.8	0	SW	1	c	59	85	8	4000	StCu	9	-	9	2

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LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 Hours ended 8h)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility 8h
Kew / Croydon } 24 hours ended 7h.	18	cm0	cm0	crc	61	55	51	-	1	0.0	*	*	6
	244	com0	compr0	omrrc	61	55	51	Tr.	0.6	0.0	*	*	7
Greenwich (Royal Obsy.)	149	c	c	crc	63	55	49	-	1	0.1	93	81	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	62	57	46		1	0.0	90	82	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	o	o	*	60	55	50	-	0.5	*	*	82	*
Kensington Palace	80	o	o	*	61	55	51	-	1	*	(At 18h) 94	87	*
Hampstead Observatory	450	*	-	*	59	52	44	Tr.	0.3	0.0	*	81	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 3RD

South Kensington Max.	Time.	Min.	Time.
0.6	2nd 8h	<0.3	3rd 4h

Kew Observatory Max.	Time.	Min.	Time.
<0.3 throughout the period			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2ND 17 h. 30 m. to 3RD 6 h. 00 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12.30	0.7	1
δ Ursae Minoris	12.30	NIL	-

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

3RD & 4TH NOV., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.53 / 6.55	11.37 / 11.37	16.19 / 16.17
Greenwich	6.57 / 6.59	11.44 / 11.44	16.29 / 16.28
Wick	7.33 / 7.35	11.56 / 11.56	16.18 / 16.16
Valentia	7.39 / 7.41	12.15 / 12.15	17.9 / 17.7

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⩌ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—b/rr = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1–3
2	4–7
3	8–12
4	13–18
5	19–24
6	25–31
7	32–38
8	39–46
9	47–54
10	55–63
11	64–75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

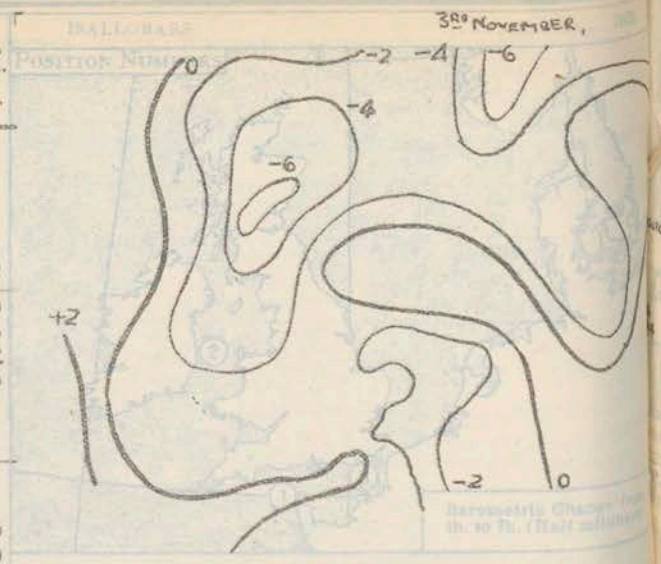
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 2nd	WEATHER. 18h.-18h. 2nd	WEATHER. 18h.-7h. to 1h. 2nd, 3rd	WEATHER. 1h.-7h. 3rd	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 2nd Hours.
Lerwick	oirrc	c	bcc	c	55	52	.	11	<8.00	–	–	2.5
Stornoway	c	p	c	bcprbc	58	52	.	1	*	0.1	*	2.3
Wick	c	bbc	b-bc	b-bc	59	50	.	–	–	–	–	.
Tiree	bcco	co	bcco	orco	58	53	48	–	–	1	3.30	1.8
Nairn	cbcq	bcq	bcq	cPR	58	52	.	–	–	1	3.30	5.5
Aberdeen	cr₀c	by₀b	bbcc	cir₀	63	50	41	0.1	<9.00	Trace	6.30	3.6
Malin Head	bcb	bbc	⊕bcc	opr	59	53	.	–	–	5	24.00	6.0
Renfrew	cm bc	bc	bcor₀	orrq.m	62	53	48	–	–	11	24.00	4.6
Edinburgh (Inchkeith)	bbc	bbc	b-bc	iRc	61	54	49	–	–	7	2.30	5.2
Leuchars	obc	bbc	bc	bccr	63	51	47	–	–	2	4.30	4.9
Eskdalemuir	orrmoc	bc	omofe	ofrr	59	52	51	1	<8.00	21	24.00	2.2
Tynemouth	ocm	bc	bc	brr	67	55	46	–	–	6	–	.
Blacksod Point ...	bcb	bco	DR	Ro	61	52	.	–	–	11	*	.
Donaghadee	ir₀bc	bc	o	orr	63	54	.	0.1	<9.00	6	1.30	.
Birr Castle	bc	bcc	coiR	cir	64	58	56	–	–	14	<21.00	4.6
Holyhead	omf	ofm	rRm₀	idmq	59	56	56	Trace	17.30	21	<21.00	0.0
Liverpool (Bidston) ...	c	vc oc	opor₀	roc	62	59	57	–	–	11	<21.00	0.0
Chester (Sealand) ...	c	c	c₀pr	od₀c	64	60	57	–	–	1	<21.00	0.0
Harrogate	f	cod₀	ocdriR	ocir	62	59	57	Trace	17.30	13	<21.00	0.2
Spurn Head	f-m	f-m	r-d	c	63	57	.	Trace	<8.00	3	<21.00	0.4
Birmingham (Edgbaston)	c	c	c	c	62	53	52	–	–	–	–	0.0
Cranwell	c	c	c	c	64	57	55	–	–	Trace	<21.00	0.0
Gorleston	oc	c	cbcc	cor₀c	64	57	54	–	–	0.3	2.30	0.2
Valentia (Cahirciveen)	ocbcc	c-a	oir₀	orir₀	59	58	54	2	14.30	10	<21.00	0.1
Roches Point	odffoe	ofodd	orrR	orr	57	55	.	4	<8.00	15	<21.00	.
Pembroke (St. Ann's H.)	Ffe	Ffe	Ffe	Ffe	58	55	.	Trace	–	Trace	–	0.0
Ross-on-Wye	oco	c	o₀id₀	oc	63	54	51	–	–	0.1	<21.00	0.0
Leafield	~~odmo~~ oid₀mo	O	oW	c	60	52	49	Trace	<8.00	Trace	–	0.0
Winchester (Worthy Dn.)	odd₀om₀d₀	om₀d₀	ormd	od₀o	60	54	52	0.1	<9.00	1	<21.00	0.0
S Farnborough ...	oid₀om₀	om₀r₀	oird	oc	61	54	50	0.1	<8.00	1	22.00	0.0
London (Kew Obsy.) ...	cm₀	cm₀	cr	c	61	55	51	–	–	1	22.00	0.0
Croydon	com₀	com₀br	omrrr	oc	61	55	51	Trace	15.30	0.5	<21.00	0.0
Shoeburyness	o	ocd₀	oir₀	pr₀c	62	55	54	Trace	17.30	1	<21.00	0.0
Clacton-on-Sea ...	obc	co	oc	cp	61	55	54	2	<8.00	1	1.30	0.0
Felixstowe	cm₀	cm₀	cm₀	crr	62	56	54	–	–	1	1.30	0.0
Lympne	odm₀	omf	orfcm	bcmc	58	54	52	0.3	<8.00	0.2	<21.00	0.0
Scilly (St. Mary's) ...	off	ffoid	ffodc	c	57	54	.	0.3	13.30	Trace	<21.00	0.0
Falmouth (Pendennis)	omdrq	ofq	ofq₀c	cq	59	55	.	0.2	<8.00	–	–	0.0
Plymouth (Cattewater)	mdfre	ofer	omrc	ormc	58	55	54	0.3	<9.00	0.1	<21.00	0.0
Portland Bill	orsul	omd3	oid₀c	oc	59	56	.	0.6	<8.00	Trace	<21.00	.
Southampton (Calshot)	odd₀m	odrfm	ddrrc	bbc	59	55	52	0.2	<9.00	0.3	<21.00	0.0
Dungeness	odd	oddid	oidrf	c	59	56	.	0.5	<8.00	1	<21.00	.
Guernsey	bbeq	bcc	cbcb	bW	61	54	.	–	–	Trace	–	3.9



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direc.	Wind. Force	Weather.	Temp. Air	Temp. Sea
2	2nd 10h.	Hibernia	SW'S	5	c	59	57
3	3rd 1h.	Arundel	SW	3	bc+	59	58

Barometric pressure is high to the South and low to the North of the British Isles. Small secondaries moving northeastwards over northwestern districts will cause occasional local rain but there will be some fair periods in most places. Temperature will continue high for the time of year.

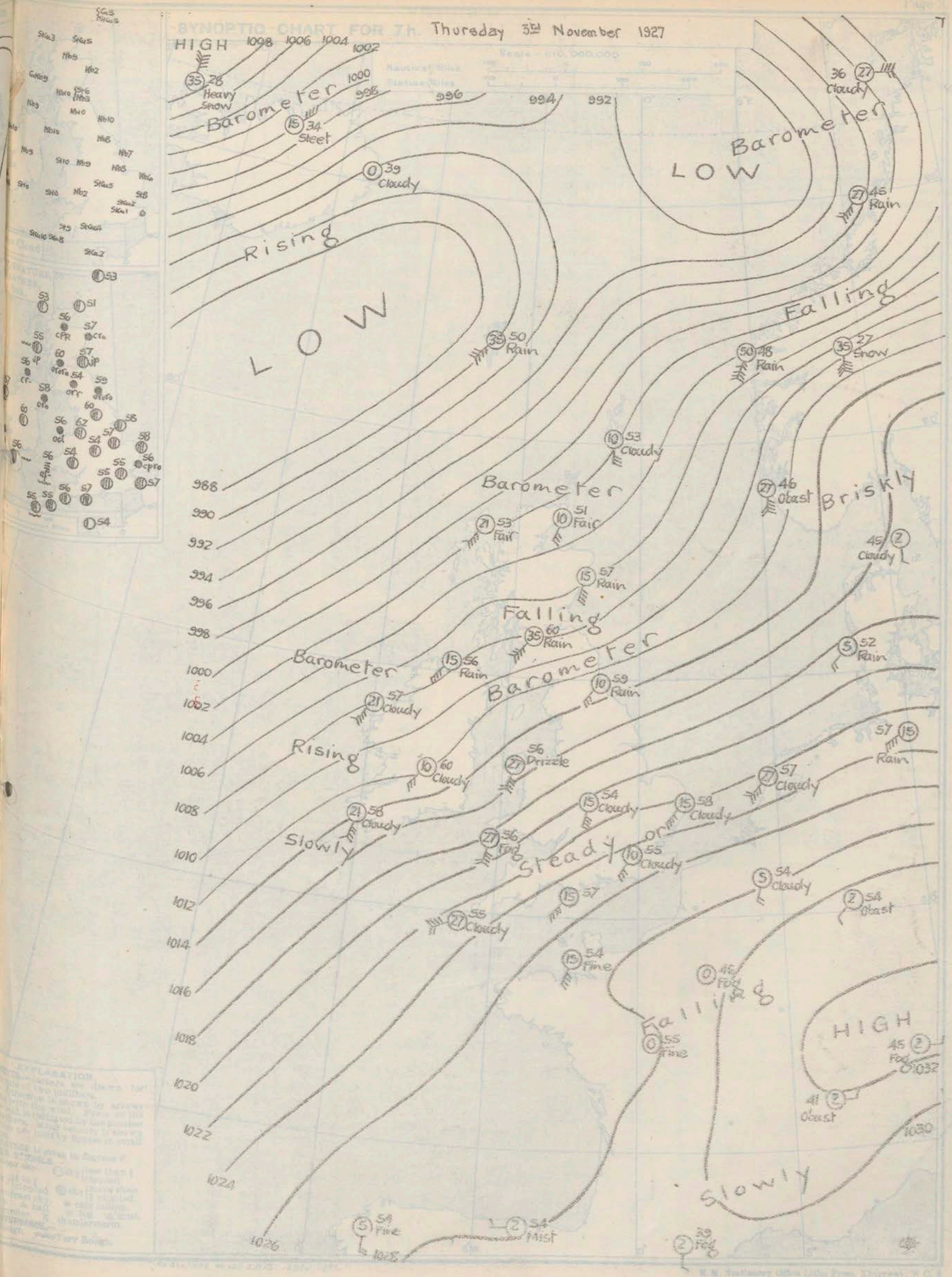
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 3rd November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Southwesterly winds, moderate to strong at times, moderating; cloudy with perhaps local rain or drizzle today, fair periods tomorrow; morning mist or fog in places; mild today, becoming cooler.	Considerable fair periods; cooler.
7. North Wales 8. N.W. England	Southwesterly winds, veering, strong at times; cloudy with rain or drizzle at first, fair periods later; very mild at first, becoming cooler.	
9. N. Midlands	As 1 - 6.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13 A. W. Scotland 13 B. NW. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 7 - 8.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland	Southwesterly winds, veering, strong at times; fair intervals, occasional local showers or rain; very mild then cooler.	
20. S.W. Ireland	As 7 - 8.	
	As 17.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1005 G.M.T. G. C. Simpson, F.R.S. Director.

† For code see page 1

†Trace = rain has fallen, but amount less than 0.1 mm.

SYNOPTIC CHART FOR 7h. Thursday 3rd November 1927



AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. THURSDAY, 3RD NOVEMBER 1927. No. 307

Observations at 1h. G.M.T. 3RD

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1004.3	0	S'W	3	C	54	85	8	5700	StCu	5	ASt	8
Stornoway	30	1007.4	-1	SW	7	C	*	*	6	*	*	*	*	*
Wick	81	1007.6	-1	SSW	4	bc	53	85	8	2500	StCu	3	CiSt	6
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1009.4	-4	S	4	cr.+	59	97	7	4000	Nb	3	ASt	10
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1012.6	-3	W	1	bc+	56	85	8	-	-	0	ACu	3
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1016.9	-3	S	2	C+	58	92	7	1500	Nb	8	-	8
Blacksod Point ...	18	1009.3	-2	S	4	ORR	57	85	5	*	Nb	10	-	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1017.9	-2	SSW	5	ORR	57	97	5	450	Nb	10	-	10
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1019.8	-1	SSW	5	O	59	97	6	4000	Nb	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1021.9	-1	SW	5	C+	61	97	6	2500	StCu	10	-	10
Gorleston	14	1024.4	0	SW'S	3	C	61	85	7	-	-	0	ASt	8
Valentia (Cahirciveen)‖	30	1013.9	-1	S	5	OR	59	97	6	*	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1021.4	0	SSW	6	Fo+	56	97	1	<160	St	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	57	*	*	*	*	*	*	*
Croydon	244	1026.6	-1	SW	3	O/r	57	85	7	1500	St	10	-	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1027.8	0	SW'S	3	C	56	97	6	2500	StCu	6	ACu	9
Scilly (St. Mary's) ...	163	1024.0	-1	WSW	6	C/f	55	97	6	4000	StCu	10	-	10
Falmouth (Pendennis)	200	1025.1	-1	SW	5	C-	56	92	7	4000	StCu	9	-	9
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1026.0	-1	SW	4	O+	58	92	8	1500	St	10	-	10
Southampton (Calshot)	10	1027.4	-2	SW'W	4	bc-	57	85	7	800	St	3	-	3
Dungeness	20	1027.9	0	SW	3	C/r	58	97	8	1500	Cu	4	ASt	8
Guernsey (Fort George) ‖	295	1028.0	-3	S	2	bc	56	92	8	-	-	0	ASt	4

Observations at 7h. G.M.T. 3RD

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	[illegible]
Lerwick	1001.9	-2	S	3	C	53	85	8	4000	Cu	10	-	10	[illegible]
Stornoway	1001.9	-3	SW	5	bc-	53	92	7	2500	StCu	3	ACu	5	[illegible]
Wick	1003.4	-5	SSW	3	bc	51	85	8	2500	StCu	5	CiSt	7	[illegible]
Tiree	1007.1	-1	SSW	6	c/p	55	92	8	1500	CuNb	10	-	10	[illegible]
Nairn	1004.0	*	W	1	c/PR	56	92	7	800	Nb	9	-	9	[illegible]
Aberdeen	1006.0	-6	SSW	4	cr.	57	85	7	800	Nb	2	ASt	10	[illegible]
Malin Head	1007.6	0	SW	4	cr-	56	97	7	4000	Nb	9	ACu	9	4
Renfrew	1007.6	-6	SW	7	or.r.	60	97	5	220	Nb	10	-	10	[illegible]
Edinburgh (Inchkeith)	1007.0	-5	SW	3	c/p	57	97	8	800	St	9	-	9	2
Leuchars	1006.9	-4	SW	4	c/r	57	92	8	1500	St	5	ASt	10	[illegible]
Eskdalemuir	1011.1	-4	S'W	6	orr	54	97	2	<150	Nb	10	-	10	[illegible]
Tynemouth	1012.8	0	SW	3	or.r.	59	92	7	1500	Nb	10	-	10	2
Blacksod Point ...	1008.9	+1	SW	5	C	57	92	6	*	StCu	10	-	10	7
Donaghadee	1011.9	-3	SW	3	or.	58	97	7	2500	Nb	10	-	10	3
Birr Castle	1011.8	*	SW	3	c/r	60	92	7	1500	Nb	9	-	9	[illegible]
Holyhead	1015.3	-2	SSW	6	od	56	97	4	220	St	10	-	10	5
Liverpool (Bidston) ...	1016.8	-2	SSW	3	C-	62	85	7	1500	Nb	9	ACu	10	[illegible]
Chester (Sealand) ...	1017.2	-1	SE	3	C	61	85	8	800	St	9	-	9	[illegible]
Harrogate	1015.7	-1	SSW	5	C	60	92	7	2500	Nb	8	Ci	9	[illegible]
Spurn Head	1017.7	-2	S'W	5	C	58	92	7	5700	Nb	7	CiSt	10	[illegible]
Birmingham (Edgbaston)	1021.1	-1	SSW	4	C	54	75	8	4000	StCu	5	ASt	9	[illegible]
Cranwell	1020.8	-1	SW'S	4	C	57	85	8	2500	StCu	6	ACu	9	1
Gorleston	1021.9	-1	SW	4	C	58	97	6	2500	Nb	6	ASt	10	[illegible]
Valentia (Cahirciveen)‖	1014.8	+2	SSW	5	c/r	58	97	7	800	St	10	-	10	4
Roches Point	1016.6	-1	SW	3	orr	56	97	6	800	St	10	-	10	6
Pembroke (St. Ann's H.)	1019.0	-1	SSW	6	fo-	56	97	4	800	St	10	-	10	6
Ross-on-Wye	1021.3	-1	SW	3	C	54	75	87	2500	Nb	2	ASt	8	[illegible]
Leafield	1022.4	-1	S'W	5	C	52	92	8	5700	Cu	8	-	8	[illegible]
Winchester (Worthy Dn.)	1024.3	-2	S	4	C-	55	97	7	450	St	6	ASt	9	[illegible]
S Farnborough ...	1024.7	0	SSW	3	C	55	92	7	4000	StCu	1	ASt	9	[illegible]
London (Kew Obsy.) ...	1024.4	-1	SW'S	3	C	55	92	8	5700	StCu	2	CiSt	8	[illegible]
Croydon	1024.6	0	SW	3	C-	55	92	7	5700	St	7	ASt	9	[illegible]
Shoeburyness	1024.5	-2	SW	3	C	56	92	6	-	-	0	ASt	10	2
Clacton-on-Sea ...	1024.1	-1	SW	3	c/pr.	56	92	7	4000	St	8	-	8	3
Felixstowe	1024.1	-2	SW	4	c/r	56	97	7	4000	StCu	8	ASt	10	[illegible]
Lympne	1026.1	-1	SW	3	C	55	97	7	800	St	2	ACu	8	[illegible]
Scilly (St. Mary's) ...	1022.1	0	WSW	6	C	55	97	7	4000	StCu	10	-	10	7
Falmouth (Pendennis)	1023.2	-1	SW'W	6	C-	55	92	7	4000	StCu	8	-	8	2
Plymouth (Cattewater)	1024.6	-1	SW	3	C	56	92	7	800	St	9	-	9	2
Portland Bill	1025.2	0	SW	4	C	57	92	8	2500	StCu	4	ACu	8	2
Southampton (Calshot)	1025.7	-1	SW'S	3	bc	55	92	7	800	St	1	CiCu	8	0
Dungeness	1026.9	0	SW	3	C	57	97	7	-	-	0	ACu	8	4
Guernsey (Fort George) ‖	1026.6	-1	SSW	4	b	54	92	8	4000	StCu	2	-	2	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2ND NOVEMBER

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h.-17h. 2nd	Rainfall.† Night 17h.-9h. 1st-2nd	Rainfall.† Day 9h.-17h. 2nd	Sunshine. Sunrise to Sunset. 2nd
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	bc	bcb	47	65	4	—	5.4
Douglas (I. o. M.) ...	o	oF	53	59	7	—	0.0
Llandudno ...	bcb	cbrc	53	63	5	0.3	2.3
Colwyn Bay ...	orrc	coco	53	64	6	—	0.0
Rhyl	o	ocbc	56	64	5	—	0.6
Wallasey	cbcc	c	49	63	10	—	0.0
Southport	ocdc	bcco	*52	61	14	—	0.2
Blackpool	ob	o	48	58	10	—	0.0
Ilkley	o	o	44	62	4	—	0.0
Cleethorpes	o	oco	48	66	6	—	0.5
Skegness	roc	bcc	48	65	9	—	0.7
Aberystwyth ...	rom	mr	54	60	10	1	0.0
Bath	c	c	47	62	7	—	0.0
Cheltenham‖ ...	od.c	c	54	64	2	Trace	0.0
Leamington Spa ...	c	c	45	63	4	—	0.0
Lowestoft	c	c	48	65	9	—	0.2
Felixstowe	c	cm	48	63	6	—	0.0
Harwich & Dovercourt	crc	ocm	52	63	5	—	0.0
Southend	ocbc	oc	53	61	4	—	0.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	orr	ro	53	61	11	2	0.0
Bude	od	od	54	62	7	0.4	0.0
Penzance	mf	of	56	59	0.5	—	0.0
Paignton	od	ordpo	55	?	6	1	0.0
Torquay	od	odpocro	55	59	6	0.2	0.0
Jersey	bc	bc	56	65	Trace	—	4.3
Weymouth	o	or.m	56	59	5	0.2	0.0
Bournemouth ...	of2	of2	53	58	8	0.3	0.0
Ventnor ...	or	md	54	57	4	0.3	0.0
Portsmouth (S'thsea)	od	o	53	59	3	0.2	0.0
Bognor	oid.	oid.	55	58	6	1	0.0
Littlehampton ...	od	odm	52	58	4	0.2	0.0
Worthing	od	od	49	58	5	0.3	0.0
Brighton	o	oddo	48	58	5	0.6	0.0
Eastbourne‖	d.o	ad.r.	54	59	4	0.1	0.0
Hastings‖	omdm	opod	54	59	7	0.4	0.0
Folkestone	ome	ompof	54	59	9	Trace	0.0
Dover	oid.	oid.d	54	59	6	0.1	0.0
Tunbridge Wells ...	o	oco	49	59	9	Trace	0.0
Ramsgate	o	opo	54	61	4	0.2	0.5
Margate	cbc	bdc	53	62	4	—	0.0
Deal	o	o	53	61	7	—	

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* Information not usually received. ‖ The observations at 1 h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24,088. Friday, 4th November, 1927.

Observations at 13h. G.M.T. 3rd

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	998·8	-1	W	3	c/r	52	97	8	4000	CuNb	6	ACu	8	*
Stornoway	1003·0	0	SW	4	c/pr	54	85	7	4000	CuNb	9	-	9	*
Wick	1003·4	0	SW	3	bc	58	65	8	2500	StCu	4	CiSt	6	*
Tiree	1007·5	0	SW	5	c+	55	85	7	1500	StCu	10	-	10	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1005·3	0	SW	3	bc-	60	65	8	2500	Cu	1	ASt	7	1
Malin Head	1009·2	+1	SW/W	5	bc/pr	57	92	8	4000	CuNb	1	ACu	7	*
Renfrew	1009·4	0	WSW	3	c	68	92	7	4000	StCu	4	ASt	9	2
Edinburgh (Inchkeith)	1007·8	0	SW	5	c	51	85	7	5700	StCu	2	ASt	9	*
Leuchars	1007·3	+1	WSW	4	c	59	85	8	1500	StCu	1	ASt	9	2
Eskdalemuir	1010·8	0	SSW	5	o/r	56	97	3	450	St	10	-	10	2
Tynemouth	1010·9	-1	WSW	4	c/p	60	85	7	1500	Nb	8	-	8	*
Blacksod Point	1010·6	+1	S	6	bc	57	85	7	*	CuNb	7	-	7	*
Donaghadee	1012·1	+1	W	4	bc-	60	85	8	4000	Cu	4	ACu	7	*
Birr Castle	1014·2	*	SW	3	bc-	59	85	7	1500	Cu	4	Ci	7	*
Holyhead	1016·1	+1	SSW	5	o	57	97	6	450	St	10	-	10	2
Liverpool (Bidston)	1015·9	-1	SW	5	c	62	85	9	4000	Nb	9	-	9	*
Chester (Sealand)	1016·0	-2	SW	6	c	64	75	8	1500	St	5	ACu	9	1
Harrogate	1015·2	0	SW	6	cr₀	58	85	5	2500	Nb	7	ACu	9	*
Spurn Head	1016·1	-1	SSW	6	c	58	85	7	5700	StCu	7	ACu	9	*
Birmingham (Edgbaston)	1020·3	-1	SSW	4	c	56	75	6	4000	StCu	6	ASt	9	2
Cranwell	1020·0	0	SWW	5	c	57	85	6	2500	St	6	ASt	10	1
Gorleston	1018·4	-2	SWS	4	c	59	75	6	-	-	0	ASt	10	*
Valentia (Cahirciveen)	1016·6	0	SW	4	c	58	92	8	1500	StCu	8	-	8	2
Roches Point	1018·3	+1	W	3	bc	57	97	7	1500	Cu	4	Ci	6	*
Pembroke (St. Ann's H.)	1019·0	0	SSW	6	od₀d₀	57	97	5	800	St	10	-	10	*
Ross-on-Wye	1020·8	0	SWW	4	c	58	75	7	2500	Nb	2	ASt	10	1
Leafield	1021·8	-1	SW	4	c	59	65	9	5700	StCu	8	-	8	1
Winchester (Worthy Dn.)	1023·4	-2	SSW	4	c	60	75	8	2500	StCu	1	CiSt	8	1
S. Farnborough	1023·0	-2	SW	3	bc	62	75	8	-	-	0	ASt	7	2
London (Kew Obsy.)	1022·7	-2	SW	3	c	62	65	7	-	-	0	Ci	9	2
Croydon	1022·9	-3	SWS	3	c	63	65	8	-	-	0	ACu	9	1
Shoeburyness	1023·4	-2	SWS	4	c	61	85	8	7200	StCu	6	Ci	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1022·3	-1	SW	4	c	59	75	7	-	-	0	ACu	9	1
Lympne	1024·1	-3	SWS	4	c+	58	85	8	-	-	0	ASt	8	2
Scilly (St. Mary's)	1022·5	-1	WSW	5	ffo	56	97	2	450	St	10	-	10	*
Falmouth (Pendennis)	1023·8	-1	SW	3	od₀+	56	97	6	800	St	10	-	10	*
Plymouth (Cattewater)	1023·9	-2	SW	4	c	56	85	8	800	St	9	-	9	2
Portland Bill	1023·4	-1	SW	4	c	57	85	8	1500	St	9	ASt	10	*
Southampton (Calshot)	1024·7	-2	SW	4	c+	59	85	8	2500	StCu	7	Ci	8	0
Dungeness	1024·7	-3	WSW	3	bc	59	97	8	-	-	0	CiSt	7	*
Guernsey (Fort George)	1026·1	-1	WSW	4	c	55	85	8	2500	StCu	10	-	10	*

Observations at 18h. G.M.T. 3rd

Stations	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	998·1	0	SW	3	c	51	92	7	5700	StCu	7	ASt	10	*
Stornoway	1000·9	-2	SW	3	o	52	~~85~~ 92	7	2500	St	10	-	10	2
Wick	1002·4	-1	SW	2	c	53	85	8	2500	StCu	6	ACu	8	1
Tiree	1005·5	-2	SW	6	od₀	54	97	6	800	Nb	10	-	10	6
Nairn	1003·2	*	W	2	bc/r	52	85	8	4000	Cu	6	-	5	*
Aberdeen	1005·1	0	WSW	3	b	54	75	8	2500	Cu	1	-	1	1
Malin Head	1008·5	-1	WSW	6	c+	56	85	7	4000	StCu	8	-	8	4
Renfrew	1009·5	0	WSW	4	of₀	55	92	7	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	1007·6	+1	SW	5	b+	56	92	8	800	St	2	-	2	2
Leuchars	1008·1	+2	WSW	4	b	53	85	8	2500	CuNb	1	-	1	*
Eskdalemuir	1011·8	+2	SW	6	c	53	85	8	1500	St	9	-	9	*
Tynemouth	1011·6	+2	WSW	3	bc-	57	85	7	2500	Cu	3	-	3	2
Blacksod Point	1012·8	+2	SW	6	bc	56	85	7	*	CuNb	4	-	4	7
Donaghadee	1013·0	+1	WSW	4	bc-	56	85	8	4000	Cu	4	ACu	5	3
Birr Castle	1014·9	*	SW	4	bc-	56	75	7	1500	Cu	4	-	4	*
Holyhead	1016·3	+1	SWS	4	b	55	97	6	800	St	2	-	2	4
Liverpool (Bidston)	1016·9	+1	SW	3	b-	56	85	8	2500	Cu	1	Ci	1	
Chester (Sealand)	1016·7	+1	SWS	3	b-	58	75	8	1500	StCu	1	CiCu	2	*
Harrogate	1015·2	+1	SW	6	bc-	56	85	7	2500	Nb	1	CiCu	4	*
Spurn Head	1015·5	0	SSW	5	c	57	85	6	4000	Nb	6	ACu	8	2
Birmingham (Edgbaston)	1019·6	0	SW	4	o	57	85	8	2500	St	10	-	10	*
Cranwell	1017·7	0	WSW	5	c	58	85	6	1500	StCu	10	-	10	*
Gorleston	1018·0	-2	SSW	5	c	53	75	7	-	-	0	ASt	10	0
Valentia (Cahirciveen)	1018·1	+2	SWS	4	bc	56	92	8	1500	St	3	-	3	3
Roches Point	1019·2	+2	W	2	b	55	97	7	1500	StCu	1	-	1	5
Pembroke (St. Ann's H.)	1019·3	0	SW	5	c	55	97	8	1500	StCu	10	-	10	4
Ross-on-Wye	1019·8	0	SW	3	od₀	57	92	6	1500	Nb	10	-	10	*
Leafield	1020·6	-1	SSW	4	c	54	92	9	5700	StCu	8	-	8	*
Winchester (Worthy Dn.)	1022·5	-2	SW	3	c	53	92	8	4000	StCu	2	CiSt	8	*
S. Farnborough	1021·9	-2	SSW	4	bc	55	92	8	-	-	0	ASt	7	*
London (Kew Obsy.)	1021·4	-2	SWS	4	c	56	85	7	7200	StCu	7	ACu	9	*
Croydon	1021·2	-2	SW	4	c	55	85	7	-	-	0	ACu	8	*
Shoeburyness	1021·3	-2	SSW	4	c	56	97	7	-	-	0	ASt	8	*
Clacton-on-Sea	1020·7	-3	SW	3	bc	57	85	7	-	-	0	ACu	7	2
Felixstowe	1020·6	-3	SWS	4	c	57	85	6	4000	StCu	4	ASt	9	3
Lympne	1022·7	-1	SW	4	c	53	92	8	-	-	0	ACu	8	*
Scilly (St. Mary's)	1022·1	0	W	4	FFo	56	97	1	450	St	10	-	10	6
Falmouth (Pendennis)	1023·0	0	WSW	4	of₀f₀	56	97	5	1500	Nb	10	-	10	1
Plymouth (Cattewater)	1022·9	-2	WSW	4	od₀d₀	56	97	5	450	St	10	-	10	2
Portland Bill	1022·3	0	SW	4	c+	57	92	8	1500	St	6	ASt	10	5
Southampton (Calshot)	1022·6	-2	SW	4	c+	55	85	7	2500	StCu	5	CiCu	8	0
Dungeness	1022·9	-4	SW	3	c+	~~55~~ 57	92	8	-	-	0	CiCu	8	4
Guernsey (Fort George)	1025·8	-1	W	3	c	56	92	8	2500	StCu	9	-	9	3

London Observations.

London Observations	Height above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	cm₀	c	cbcc	64	53	47	-	Tr.	0·3	*	*	8
Croydon }	244	c	cz₀	cbcc	64	62	49	-	-	1·8	*	*	7
Greenwich (Royal Obsy.)	149	c	c	c	65	52	46	-	-	0·8	62	78	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·4	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	64	53	40	-	-	0·3	67	81	*
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	0·3	*	*	*
Camden Square	110	c	c	*	63	62	46	-	-	*	*	77	*
Kensington Palace	80	oc	oc	*	64	53	47	-	-	*	(At 18h 81)	80	*
Hampstead Observatory	480	*	*	*	67	49	41	-	-	0·6	*	80	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 4th

South Kensington Max.	Time.	Min.	Time.
0·6	3rd 9h.	<0·3	4th 4h.

Kew Observatory Max.	Time.	Min.	Time.
<0·3 throughout the period			

Pole Star Record at Greenwich Obsy.

Exposure from 3rd 17h.30m. to 4th 06h.00m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12 30	3·20	27
δ Ursae Minoris	12·30	3·03	24

Code for State of Ground.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Stating to-day in 13h. and 18h. reports (hoar frost in 7h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

4th & 5th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·55 6·57	11·37 11·37	16·17 16·16
Greenwich	6·59 7·1	11·44 11·44	16·28 16·26
Wick	7·35 7·38	11·56 11·56	16·16 16·14
Valentia	7·41 7·43	12·25 12·25	17·7 17·5

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.

0=no swell }
1=mod. swell } Calm or slight sea.
2=heavy swell }
3=no swell }
4=mod. swell } Moderate sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half-millibars.

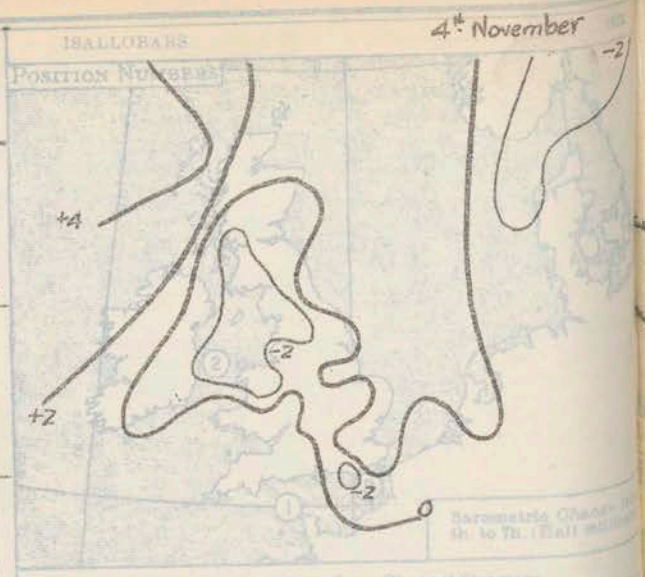
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 3rd	13h.-18h. 3rd	18h. 3rd to 1h. 4th	1h.-7h. 4th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 3rd Hours.
Lerwick	cir.c	c	orrc	c	55	44	.	Trace	11.00	9	<21.00	0.3
Stornoway	p	o	p	r-d	56	44	.	0.2	–	9	*	0.5
Wick	b-bc	bcprc	r.frc	c	59	43	.	1	15.30	4	<21.00	.
Tiree	bdco	pd.co	pdco	prco	65	47	38	0.6	<8.00	7	<21.00	0.1
Nairn	cbcq	bcqp	bcqpr	bc	58	52 47	.	1	<8.00	11	22.00	4.2
Aberdeen	cr.coc	bcb	b bc	bcb	61	48	39	Trace	<8.00	–	–	1.16
Malin Head	cr.bcd	bcc	cbce	bcpr.	57	48	.	1	<8.00	1	1.30	2.5
Renfrew	or.Dc	cPcr.	orcpq	pdcpc	60	50	47	5	<8.00	2	<21.00	0.4
Edinburgh (Inchkeith)	p	cbcb	bbcbq	bbccu	60	52	49	1	<8.00	Trace	22.00	0.9
Leuchars	cir.c	cbcp.bc	b bc	bbc	60	49	47	0.4	<8.00	–	–	0.9
Eskdalemuir	ormq	oirc	cpr	orrprpr.	56	49	51	1.2	<8.00	9	22.00	0.0
Tynemouth	bir.bc	cbc	bq	bbcq	(60)	53	45	0.6	<8.00	–	–	.
Blacksod Point	cbc	bcb	b	Ppo	58	49	.	–	–	2	*	.
Donaghadee	cir.c	bc	bcpr.	pr.bc	61	52	.	Trace	<8.00	1	24.00	.
Birr Castle	cbc	bc	bc	cir.	61	52	48	–	–	0.3	–	2.1
Holyhead	Rir	Obm.	bmw	bc	58	54	51	4	<8.00	–	–	0.0
Liverpool (Bidston)	copc	cbcb	bw	bbcc	62	52	47	0.1	11.00	–	–	1.1
Chester (Sealand)	c.r.cq	cbc	b	bbc	66	55	47	Trace	11.00	–	–	0.4
Harrogate	cirq	cirbcq	bcb	bcb	60	51	47	0.4	9.00	–	–	0.0
Spurn Head	c	c	b	b-bc	58	50	.	–	–	–	–	0.0
Birmingham (Edgbaston)	c	c	opr.c	cbc	57	49	46	–	–	Trace	<21.00	0.0
Cranwell	cbc	c	c.b	b-bc	59	49	47	Trace	<8.00	–	–	0.0
Gorleston	c	c	cq.bc	bcbw	60	50	48	–	–	–	–	0.0
Valentia (Cahirciveen)	oc	cbc	bcc	cop	58	54	47	–	–	1	1.30	1.8
Roches Point	orcbc	bccb	bw	bw	58	53	.	0.4	<8.00	Trace	–	.
Pembroke (St. Ann's H.)	crmq	cdodm.	cqd.	cq	58	53	.	3	9.00	Trace	24.00	0.0
Ross-on-Wye	c	c co	dbcb	bbcc	59	52	47	–	–	0.4	<21.00	0.1
Leafield	c	bcc	cpr	bbc	59	48	42	–	–	0.2	<21.00	0.3
Winchester (Worthy Dn)	cbcc	c	c	c	62	51	48	–	–	–	–	4.3
S Farnborough	cbc	bc	bcc	c	62	50	41	–	–	–	–	1.4
London (Kew Obsy.)	cm.	c	c	bcc	64	53	47	–	–	Trace	–	0.3
Croydon	c	cz.	cbc	bcc	64	52	49	–	–	–	–	1.8
Shoeburyness	oc	c	c	bc	62	51	48	–	–	–	–	0.3
Clacton-on-Sea	c	cbc	bc	bc	59	52	48	–	–	–	–	0.0
Felixstowe	c	cm.	cbcm.	bcbw	59	51 2	48	–	–	–	–	0.0
Lympne	cbcc	c	com.	bm.c	60	51	48	–	–	–	–	4.2
Scilly (St. Mary's)	oddss	ssoid	oifid	oimc	56	52	.	1	11.00	0.2	<21.00	0.0
Falmouth (Pendennis)	cgalm	od.cm	bmrbco	oc	57	52	.	0.1	9.00	Trace	22.00	0.8
Plymouth (Cattewater)	cbcc	cofdd	bmddb	b,c	59	52	49	0.5	14.30	0.5	<21.00	0.8
Portland Bill	c	c	od.bc	bc	59	53	.	–	–	Trace	<21.00	.
Southampton (Calshot)	bcc	cbcc	od.c	b,c	60	51	48	–	–	Trace	<21.00	3.8
Dungeness	bcbc	bcc	co	o.c3c	60	55	.	–	–	–	–	.
Guernsey	bcc	c	coid.	oddff	58	54	.	–	–	1	22.00	6.0

† For code see page 1

‡ Trace = rain has fallen, but amount less than 0·1 mm.



Observations from Cross Channel Steamers.

Position.	Date and Time	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	3rd 10h.	Hibernia	SW	7	fo-	58	67
1	" 12h.	St Julien	W	4	c+	61	58
3	4th 2h.	Dieppe	W	3	c	58	58

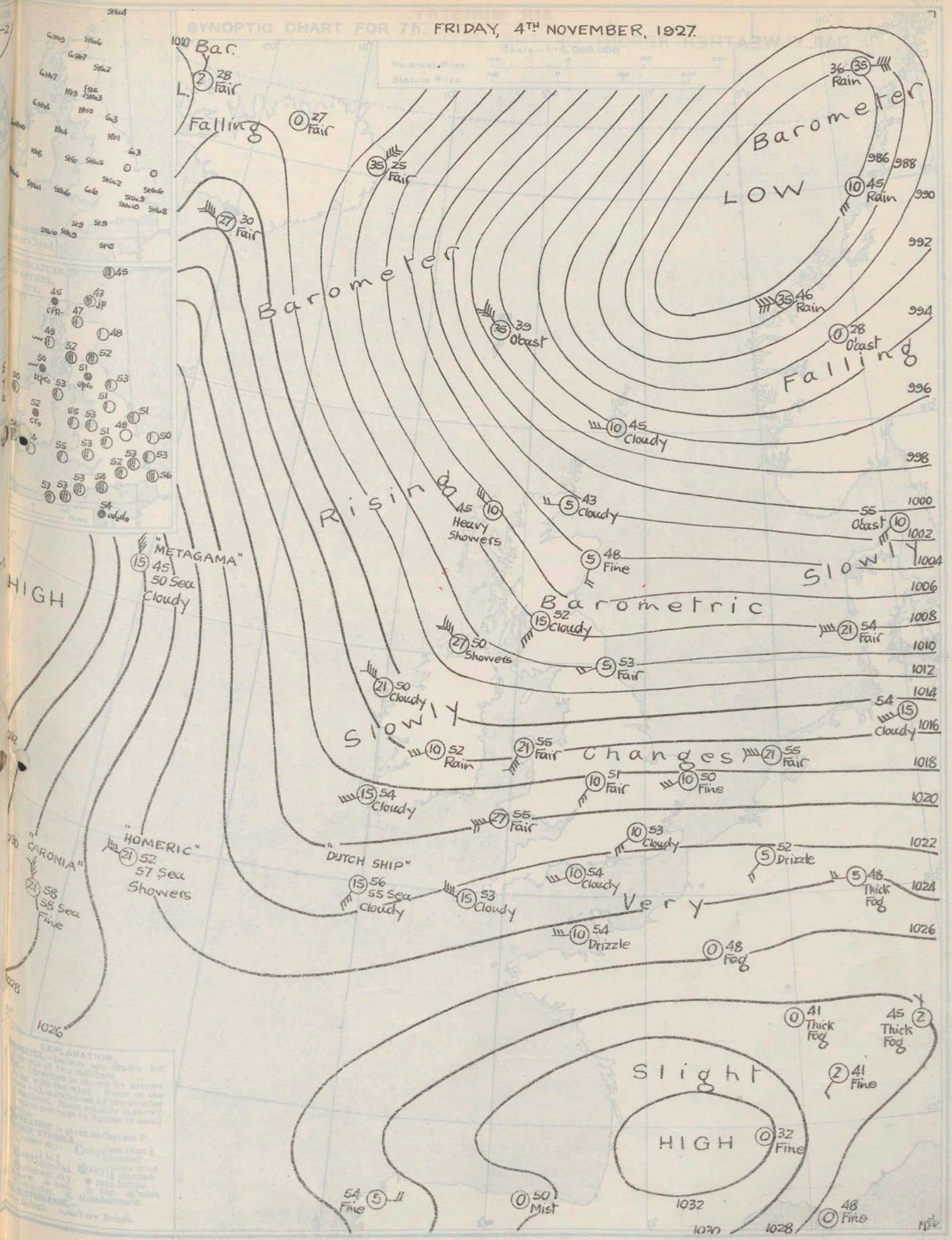
GENERAL OVERVIEW.

Barometric pressure is now high to the south and to the west of the British Isles. A depression is growing deeper and moving eastwards over Scandinavia. Weather will, apart from a few local showers, be mainly fair with long sunny intervals in most places. Temperature, although remaining high for the time of year, will become lower than of late.

Forecasts for the 24 hours commencing 15 h. G.M.T. Friday, 4th November, 1927.

Districts.	Forecast	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind W. to N.W., mainly moderate; mainly fair, perhaps a few scattered showers; morning mist in places; becoming much cooler.	Considerable fair periods; cooler than of late.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Winds northwesterly, strong locally at first, moderating; mainly fair, a few scattered showers; morning mist in places; becoming much cooler with perhaps slight ground frost locally at night.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13 A. W. Scotland 13 B. NW. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Winds between west and north, light to moderate, stronger at times locally; a few scattered showers but mainly fair to fine; much cooler with perhaps ground frost locally at night.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Northwesterly winds, moderate to strong at times, moderating; mainly fair but a few scattered showers; much cooler.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0935 G.M.T. G. C. Simpson, F.R.S., Director.


FRIDAY, 4TH NOVEMBER, 1927.
Bar.
L.
Falling
Barometer
Rising
Barometric
Slowly
Changes
Very
Slowly
Falling
Barometer
LOW
HIGH
Slight
HIGH
"METAGAMA"
"CARONIA"
"HOMERIC"
"DUTCH SHIP"
Heavy Showers
Thick Fog
Fine
Fair
Cloudy
Rain
Drizzle
Mist
Showers
Sea
Obscd
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday, 4th November.....1927. No. 308.

Stations.	Height above M.S.L. in feet.	7h. G.M.T. 4th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	1h. G.M.T. 4th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	
Lerwick	54	996.0	-1	W	2	c|r	50	92	7	5700	StCu	5	ASt	10	996.2	+1	W	3	c	45	75	8	5700	StCu	4	ASt	8	.
Stornoway	30	1004.2	+6	W	2	|pr.	*	*	6	*	*	*	*	*	1006.1	+4	NW	3	c|pr.	45	92	7	4000	CuNb	9	-	9	2
Wick	81	1000.8	+1	W	3	c	49	97	8	1500	Nb	5	CiSt	8	1002.9	+1	W	2	c|p.	43	92	8	1500	StCu	6	CiSt	8	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.3	+2	NW	6	bc	49	75	7	1500	CuNb	7	-	7	6
Nairn	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.4	*	W	2	bc+	47	85	8	4000	CuNb	7	-	7	.
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.7	-1	SSW	2	b	48	85	7	4000	StCu	2	-	2	0
Malin Head	51	1010.5	0	W	6	bc|p	54	92	7	4000	Cu	6	-	6	1010.6	+2	NW	6	bc|pr.	50	92	7	4000	CuNb	4	ACu	6	6
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.5	-2	SW	4	c	52	92	7	800	Nb	9	-	9	.
Edinburgh (Inchkeith)	190	1007.6	0	WSW	7	b	53	85	8	-	-	0	-	0	1006.3	-1	SW	5	c+	52	85	8	800	St	8	-	8	5
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.8	0	SW	6	bc	51	85	8	2500	StCu	3	ACu	3	.
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.7	-4	SW'S	6	o|pr.	51	92	7	800	Nb	10	-	10	.
Tynemouth	67	1012.2	0	W	4	b	56	75	8	4000	Cu	2	-	2	1009.6	0	WSW	2	bc	53	85	6	1500	Cu	3	-	3	1
Blacksod Point ..	18	1012.6	+2	SW	6	b	56	85	7	*	CuNb	2	-	2	1014.7	+3	NW	5	c	50	75	7	*	CuNb	10	-	10	5
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.2	-1	WSW	4	bc-	53	92	8	2500	Nb	4	-	4	3
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.1	*	WSW	3	cr.	52	92	7	1500	Nb	8	-	8	.
Holyhead	26	1017.6	+1	SW'S	4	b+	54	92	7	1500	St	1	-	1	1014.9	-3	SW'S	5	bc	55	92	7	1500	St	6	ACu	7	4
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	-1	SW'W	4	bc-	53	85	7	2500	StCu	5	-	5	.
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.5	-2	SW	3	bc	55	75	8	1500	St	5	-	5	.
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	-2	SSW	6	b	51	85	7	4000	Nb	1	-	1	3
Spurn Head	29	1016.3	0	SW	6	b	53	85	7	-	-	0	-	0	1014.9	-1	SW	6	bc	51	85	7	4000	Cu	3	ACu	4	.
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.1	+1	SW	3	bc-	51	85	8	4000	StCu	2	Ci	3	.
Cranwell	238	1018.3	+1	WSW	4	b-	52	92	6	-	-	0	-	0	1018.3	0	WSW	4	b	49	92	6	-	-	0	-	0	0
Gorleston	14	1018.5	0	SW'W	2	bc-	56	85	7	4000	StCu	3	-	3	1018.5	0	WSW	3	b-	50	97	7	-	-	0	CiCu	1	0
Valentia (Cahirciveen) P	30	1018.2	-1	S'E	3	bc	55	97	7	*	St	7	-	7	1019.1	+1	WSW	4	c	54	92	8	1500	StCu	6	ASt	9	3
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	-1	W	2	b	54	85	8	2500	StCu	1	-	1	5
Pembroke (St. Ann's H.)	150	1020.6	0	WSW	6	c	56	85	8	2500	Cu	8	-	8	1019.9	0	WSW	6	c+bc-	55	92	8	2500	StCu	10	-	10	4
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.9	0	WSW	3	bc-	53	75	8	2500	Cu	6	Ci	7	.
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	-1	SW'W	4	bcv	51	92	9	4000	StCu	2	CiSt	4	.
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	0	SW'W	2	c	51	92	7	2500	StCu	9	-	9	.
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.9	0	W	3	c	52	85	8	1500	StCu	10	-	10	.
London (Kew Obsy.) ...	18	*	*	*	*	*	56	*	*	*	*	*	*	*	1021.7	0	SW'W	3	c+	53	85	8	2500	StCu	9	-	9	.
Croydon	244	1021.7	0	WSW	3	bc-	56	92	7	5700	StCu	2	ACu	6	1021.7	+1	WSW	3	c+	52	85	7	1500	St	9	ASt	10	.
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	0	WSW	3	bc	52	97	6	2500	StCu	3	ASt	7	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	0	W	4	bc	53	92	7	4000	StCu	6	-	6	1
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	0	W'N	3	b	52	92	6	-	-	0	CiCu	1	.
Lympne	350	1022.0	-1	SW	4	o	54	97	6	1500	St	10	-	10	1021.4	0	SW'W	3	c	52	92	7	800	St	9	-	9	.
Scilly (St. Mary's) ...	163	1023.7	+1	NW'W	4	if o	54	97	3	1500	St	10	-	10	1023.4	0	WNW	4	c	53	92	7	4000	StCu	10	-	10	5
Falmouth (Pendennis)	200	1024.1	-1	WNW	3	o	51	97	7	2500	St	10	-	10	1023.8	0	W'N	4	c+	53	85	7	4000	StCu	9	-	9	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.6	+2	W'N	3	c+	53	92	8	1500	St	9	-	9	0
Portland Bill	32	1022.2	-1	WSW	3	b-	57	97	8	2500	St	2	-	2	1022.2	0	WSW	3	c	54	85	8	1500	St	9	-	9	0
Southampton (Calshot)	10	1022.6	-1	WSW	3	bc-	56	97	7	800	St	4	-	4	1023.0	+1	WNW	4	o	52	85	8	1500	St	10	-	10	3
Dungeness	20	1021.4	0	WSW	4	c+	56	92	7	-	-	0	ASt	10	1021.5	-2	W	4	c-	56	92	8	2500	StCu	8	-	8	3
Guernsey (Fort George) P	295	1024.2	-1	WSW	2	odd	57	92	4	1500	Nb	10	-	10	1024.7	0	W	3	odd	54	97	3	220	St	10	-	10	.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...3rd November.....

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 2nd to 9h. 3rd	Temperature. Max. 9h.-17h. 2nd-3rd	Rainfall.† Night 17h.-9h. 2nd-3rd	Rainfall.† Day 9h.-17h. 3rd	Sunshine. Sunrise to Sunset. 3rd	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)								
Berwick-on-Tweed	bcr.	bcb	51	62	2	Trace	3.3	Ilfracombe	o	oT	56	bo	0.1	1	0.0
Douglas (I. o. M.) ...	oc	oc	55	58	22	-	0.6	Bude	bc	bcod	53	b3	-	2	2.0
Llandudno ...	rccp	cbc	59	64	8	1	0.9	Penzance	o'd	oirf	55	58	0.1	1	0.0
Colwyn Bay ...	cort	orcb	58	63	6	1	0.6	Paignton	obco	odmodm	55	?	-	Trace	3.2
Rhyl	c	cbc	58	63	6	-	0.8	Torquay	c	bcosmd	55	61	0.1	Trace	3.3
Wallasey	i'rc	cbcb	60	62	14	0.3	0.6	Jersey	b	b	54	61	Trace	-	8.0
Southport	oroo.c	cbcb	*58	60	21	1	0.2	Weymouth	bbco	oco	56	62	0.1	-	2.3
Blackpool	ort	oc	57	57	34	0.4	0.0	Bournemouth ...	bc	co	55	61	-	-	4.3
Ilkley	op	cpc	57	60	15	1	0.0	Ventnor ...	rfc	bc	55	59	Trace	-	4.3
Cleethorpes	o	b	57	59	3	-	0.0	Portsmouth (S'thsea)	b	bbc	55	64	-	-	4.5
Skegness	co	ocjc	~~48~~ 56	58	-	Trace	0.0	Bognor	b	b	56	61	0.3	-	6.5
Aberystwyth ...	pm	pmc	56	58	2	1	0.0	Littlehampton ...	bc	bc	55	58	-	-	5.7
Bath	cbc	cbc	56	62	0.3	-	2.2	Worthing	bcb	bcc	55	60	0.3	-	6.0
Cheltenham‖ ...	cbc	bcc	56	64	-	-	0.5	Brighton	bc	bcc	57	62	Trace	-	6.4
Leamington Spa ...	c	c	54	60	-	-	0.0	Eastbourne	bc	bcc	56	63	0.3	-	6.5
Lowestoft	c	c	56	60	0.2	-	0.0	Hastings‖	cbcc	cbcc	55	62	1	-	6.4
Felixstowe	c	c	55	60	1	-	0.0	Folkestone	c	c	56	62	0.3	-	3.8
Harwich & Dovercourt	cbc	bcc	55	60	1	-	0.0	Dover	cbc	bcc	57	60	0.2	-	3.7
Southend	ocbc	bc	54	62	2	-	0.6	Tunbridge Wells ...	cbc	bc	55	64	Trace	-	3.5
								Ramsgate	bc	bc	56	63	0.4	-	1.9
								Margate	cbc	bc	55	64	1	-	1.4
								Deal	ocbc	bbc	57	63	-	-	2.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 11h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24089. Saturday, 5th November, 1927. Page 1.

Observations at 13h. G.M.T. 4th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	998.5	+3	WNW	6	chlr	43	85	7	4000	Nb	6	Acu	8	*
Stornoway	1012.2	+5	NW	4	bc-	47	75	8	4000	Cu	4	-	4	*
Wick	1007.4	+4	W	4	chlr	45	65	8	1500	CuNb	6	Ci St	8	*
Tiree	1014.9	+4	NW'N	5	bc/p	50	65	8	2500	CuNb	7	-	7	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1009.1	+5	WNW	5	bc/p	49	65	8	2500	CuNb	3	-	3	1
Malin Head	1016.0	+4	WNW	5	bc/p	49	85	8	4000	CuNb	4	Acu	4	*
Renfrew	1012.9	+4	W	4	bc/p	51	75	8	2500	Stcu	4	-	4	2
Edinburgh (Inchkeith)	1010.5	+4	W	6	b	51	65	8	7200	Cu	1	Acu	2	*
Leuchars	1010.1	+6	WNW	5	b	53	55	8	2500	Cu	2	-	2	1
Eskdalemuir	1012.8	+4	WNW	4	b-	48	65	8	2500	Cu	1	-	1	2
Tynemouth	1011.3	-2	W	6	bc/r	55	75	7	1500	CuNb	4	-	4	*
Blacksod Point	1019.4	+3	NW	5	bc	52	75	8	*	CuNb	6	-	6	*
Donaghadee	1017.1	+4	WNW	4	bc+	52	85	8	5700	StCu	5	-	5	*
Birr Castle	1019.4	*	W	2	cr	49	92	7	1500	Nb	9	-	9	*
Holyhead	1017.3	+2	NW	4	cr	52	92	6	1500	Nb	9	Ast	10	2
Liverpool (Bidston)	1016.2	0	W	5	c/pg	56	85	9	800	CuNb	9	-	9	*
Chester (Sealand)	1016.5	+1	WNW	4	c	57	65	8	1500	St	9	-	9	1
Harrogate	1013.5	0	W'S	6	b	55	75	8	2500	CuNb	1	-	1	*
Spurn Head	1013.5	0	SW'W	5	b	56	75	7	5700	Cu	2	-	2	*
Birmingham (Edgbaston)	1017.9	-2	W	4	bc	58	65	8	4000	Cu	7	-	7	2
Cranwell	1016.8	-2	WSW	6	c	58	85	7	1500	Cu	8	-	8	1
Gorleston	1016.5	-2	WSW	4	bc+	58	65	7	2500	Cu	4	-	4	*
Valentia (Cahirciveen)	1023.6	+5	NW'N	5	bc	53	65	8	2500	Stcu	3	Acu	5	2
Roches Point	1021.0	+1	NW	4	c/pg	54	92	8	1600	Nb	8	-	8	*
Pembroke (St. Ann's H.)	1019.5	-2	WSW	5	c	55	92	7	1500	Stcu	8	-	8	*
Ross-on-Wye	1018.6	-2	W'S	4	bc	59	65	8	4000	Cu	7	-	7	1
Leafield	1019.0	-1	SW'W	4	bc/r	54	92	8	4000	Cu	6	Acu	7	5
Winchester (Worthy Dn.)	1021.1	-2	WSW	3	c+	56	75	8	2500	Stcu	9	-	9	1
S. Farnborough	1020.8	-2	W	3	c	58	75	8	2500	Stcu	9	-	9	2
London (Kew Obsy.)	1020.3	-3	W'S	4	c	58	65	8	1500	Stcu	9	-	9	2
Croydon	1020.6	-2	WSW	4	c+	57	75	8	2500	Stcu	9	-	9	1
Shoeburyness	1020.0	-2	W	4	b-	57	85	7	7200	Cu	1	Acu	2	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1018.9	-2	W	4	c	58	65	8	2500	Stcu	8	-	8	1
Lympne	1020.7	-1	WSW	4	b	55	75	8	1500	Cu	2	-	2	1
Scilly (St. Mary's)	1023.2	0	NW'N	5	bc-	58	85	6	4000	Stcu	2	Ci	4	*
Falmouth (Pendennis)	1023.4	-1	WNW	4	bc	58	85	8	4000	Cu	4	Cist	5	*
Plymouth (Cattewater)	1022.4	-3	W	5	bc	58	85	8	2500	CuNb	7	Ci	7	2
Portland Bill	1021.6	-2	SW'W	5	bc-	58	75	8	2500	Stcu	6	-	6	*
Southampton (Calshot)	1021.7	-3	WSW	5	c	58	75	8	2500	Stcu	9	-	9	0
Dungeness	1021.3	-2	WSW	4	bc-	56	85	8	1500	Cu	6	-	6	*
Guernsey (Fort George)	1025.0	-2	W	4	c	54	92	8	1500	St	9	-	9	*

Observations at 18h. G.M.T. 4th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1004.6	+4	N'W	4	bc/p	40	75	8	4000	CuNb	4	Ast	6	*
Stornoway	1013.8	0	NW	3	bc/pg	42	85	8	4000	Cu	7	-	7	2
Wick	1010.6	+2	NW	3	c/pho	41	85	8	1500	CuNb	6	Ci St	8	0
Tiree	1017.1	+2	NW	5	c/p	46	75	7	1500	CuNb	8	-	8	6
Nairn	1013.5	*	NNW	2	bc	40	92	8	4000	CuNb	7	-	7	*
Aberdeen	1013.5	+5	WNW	3	b	42	75	8	2500	Cu	1	-	1	0
Malin Head	1019.0	+3	NW	4	bc/pg	49	75	8	4000	CuNb	3	Cicu	4	4
Renfrew	1016.8	+6	NW	2	b-	41	85	7	4000	Stcu	1	-	1	*
Edinburgh (Inchkeith)	1014.9	+3	WNW	2	bc-	47	65	8	7200	Stcu	1	Acu	3	1
Leuchars	1014.9	+5	NW	4	b	44	65	8	-	-	0	-	0	*
Eskdalemuir	1016.8	+5	WNW	2	b-	39	85	8	-	-	0	-	0	*
Tynemouth	1015.0	+3	W	2	b	47	85	6	1500	Cu	2	-	2	2
Blacksod Point	1023.5	+4	NW	4	bc	48	85	7	*	CuNb	6	-	6	5
Donaghadee	1019.0	+3	W	3	bc-	47	92	8	5700	Stcu	7	-	7	2
Birr Castle	1021.7	*	W	1	bc-	44	85	7	2500	Cu	2	Acu	6	*
Holyhead	1019.2	+3	NW	5	c	52	65	8	1500	St	8	-	8	5
Liverpool (Bidston)	1018.4	+1	WNW	4	c+	51	65	8	1500	Stcu	2	Ast	10	*
Chester (Sealand)	1018.3	+2	NW	4	cr	51	75	7	2500	Stcu	9	-	9	*
Harrogate	1017.2	+4	WSW	3	b	45	75	7	-	-	0	-	0	*
Spurn Head	1016.0	+3	W	5	bc	51	75	8	4000	Cu	3	-	3	3
Birmingham (Edgbaston)	1019.1	+1	NW	3	c+	51	85	8	2500	Stcu	9	-	9	*
Cranwell	1017.5	+2	WNW	3	c	52	85	6	2500	Stcu	8	Ast	10	*
Gorleston	1016.2	0	WSW	3	cr	55	85	6	2500	Stcu	10	-	10	0
Valentia (Cahirciveen)	1025.4	+1	NW'N	4	b	50	92	8	1500	St	2	-	2	3
Roches Point	1023.6	+4	NW	2	b	49	75	8	2500	Stcu	1	-	1	1
Pembroke (St. Ann's H.)	1019.5	0	WNW	4	c	55	92	8	1500	Stcu	8	-	8	3
Ross-on-Wye	1018.8	+1	WSW	3	b	51	85	8	4000	Stcu	1	-	1	*
Leafield	1018.9	0	SW'W	3	bc/r	51	92	8	5700	Stcu	1	Cicu	6	*
Winchester (Worthy Dn.)	1020.9	0	SW	1	bc-	51	97	8	2500	Stcu	3	-	3	*
S. Farnborough	1020.3	+1	WSW	3	bc	51	85	7	4000	Stcu	5	-	5	*
London (Kew Obsy.)	1019.5	0	SW	2	b-	53	85	6	2500	Stcu	1	-	1	*
Croydon	1020.0	0	SW'S	3	b-	52	85	6	4000	Stcu	1	-	1	*
Shoeburyness	1019.7	+1	W'S	2	b	53	92	7	5700	Cu	1	Cist	2	*
Clacton-on-Sea	1019.8	+2	W	3	bc	54	85	6	-	-	0	Acu	3	2
Felixstowe	1018.8	+2	SW'W	3	bc	53	85	8	-	-	0	Ci	3	1
Lympne	1020.3	0	WSW	3	b	50	92	8	-	-	0	—	0	*
Scilly (St. Mary's)	1023.0	0	NNW	5	c	53	92	8	4000	CuNb	8	-	8	5
Falmouth (Pendennis)	1022.6	0	WNW	3	bc/pg	53	92	7	4000	CuNb	3	Ci	5	0
Plymouth (Cattewater)	1022.2	0	WNW	4	bc-	54	92	6	2500	CuNb	1	Ci	3	2
Portland Bill	1020.8	-1	WSW	4	c+	57	85	8	2500	St	9	-	9	5
Southampton (Calshot)	1021.1	0	SW'W	4	c+	54	92	8	4000	Cu	8	-	8	0
Dungeness	1020.1	-1	WSW	4	b-	55	92	8	2500	Stcu	2	-	2	4
Guernsey (Fort George)	1024.0	-1	W	3	cdo	53	92	6	1500	St	7	Ast	10	3

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h (To-day.)
Kew (24 hours ended 7h.)	18	bcc	bcbm	bwbc	59	45	39	-	-	4.8	*	*	6
Croydon (24 hours ended 7h.)	244	cbcc	cb3	b3cbbc	59	45	40	-	-	4.1	*	*	7
Greenwich (Royal Obsy.)	149	cbcc	cbcb	b2wcbc	60	44	37	-	Tr.	4.0	68	79	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	4.2	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	60	45	33	-	-	4.2	73	78	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	3.7	*	*	*
Camden Square	110	cbc	cb	*	59	45	38	-	-	*	*	82	*
Kensington Palace	80	bcb	b	*	61	45	39	-	-	*	(At 18h. 88)	85	*
Hampstead Observatory	450	*	*	*	57	41	33	-	Tr.	4.2	*	85	*

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 5th

South Kensington Max.	Time.	Min.	Time.
0.6	17h. 4m	<0.3	2h. 5m

Kew Observatory Max.	Time.	Min.	Time.
<0.3	Throughout the period.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 4h. 17m. 30s. to 5h. 6m. 00s.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12.30	3.49	31
δ Ursae Minoris	12.30	3.44	30

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

5th to 9th November, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.57	11.37	16.16
	6.59	11.37	16.14
Greenwich	7.1	11.44	16.26
	7.3	11.44	16.24
Wick	7.38	11.56	16.14
	7.40	11.56	16.11
Valentia	7.43	12.25	17.5
	7.45	12.25	17.4

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = less than (for cloud height). < = before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "sandus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; — = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 55 yards.
0. Dense fog.	220 "
1. Thick fog.	550 "
2. Fog.	1,100 "
3. Moderate fog.	1½ miles.
4. Mist or haze.	3½ "
5. Poor visibility.	6½ "
6. Moderate.	12½ "
7. Good.	31 "
8. Very good.	31 "
9. Excellent visibility, beyond 31 "	

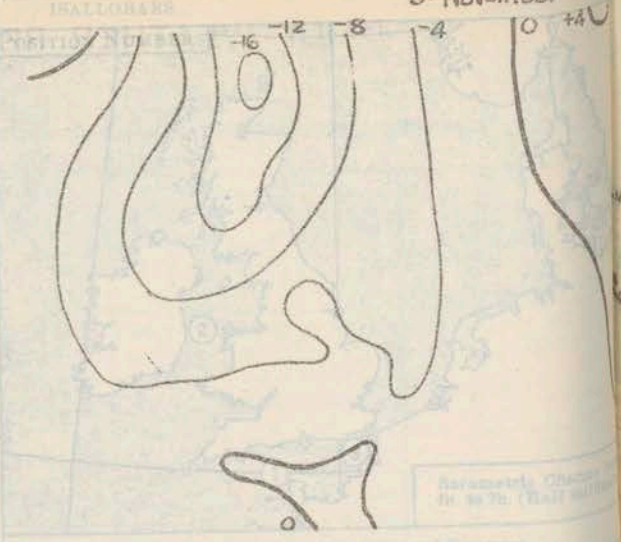
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 4th	WEATHER. 13h.-18h. 4th	WEATHER. 18h. 4th to 1h. 5th	WEATHER. 1h.-7h. 5th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. mm.	Day. 7h.-18h. began.	Night. mm.	Night. 18h.-7h. began.	SUN 4th Hours.
Lerwick	ci PHR	bc ipro	bcc	c	46	38	.	2	9.00	Trace	<21.00	1.6
Stornoway	b-bc	c	b	c	47	40	.	0.3	-	6	*	6.0
Wick	cprsh	cphor	cprhsr	c	47	36	.	1	18.00	1	<21.00	.
Tiree	prbc	prco	prq bc	prco	50	43	38	0.3	18.00	1	<21.00	5.1
Nairn	bchpq	bcpcq	bcpbc	cq	47	39	.	0.4	18.00	2	22.00	0.0
Aberdeen	b,crbqc	prsqpo	bbc	bcc	49	39	35	1	9.00	-	—	4.9
Malin Head	bcpr	bcpr	bcprq	oir	51	44	.	0.5	18.00	3	<21.00	3.3
Renfrew	cpbc	bcb	abcc	orrqrm	52	37	30	0.3	18.00	3	22.30	5.7
Edinburgh (Inchkeith)	cbcbq	bcq	bcir	bcc	53	43	40	Trace	14.30	Trace	24.00	5.3
Leuchars	bcpbbc	cpbcb	bbc	bcc	55	37	33	0.1	18.00	-	—	3.7
Eskdalemuir	cprb	bcb	bcwbr	orrqirm	51	35	31	2	18.00	2	24.00	3.4
Tynemouth	bcpq	bcb	bbc	bccq	57	40	35	1	9.00	-	—	.
Blacksod Point ...	bcc	pcbc	cq	Pcq	58	45	.	Trace	-	2	*	.
Donaghadee	bcq	bcc	bcc	cq	53	42	.	-	-	-	—	.
Birr Castle	cir	cirbc	bc	cm	53	42	37	4	18.00	-	—	1.3
Holyhead	bccjp	c	cbc	bcc	57	48	47	1	12.30	-	—	2.7
Liverpool (Bidston) ...	cpcq	opco	bcc	b	56	46	43	1	12.30	0.2	5.30	2.2
Chester (Sealand) ...	bc,pro	cprir	cR	irc	59	47	41	1	9.00	3	<21.00	1.3
Harrogate	bbcpq	b-bc	b	bbccid	56	40	36	0.2	9.00	Trace	4.30	6.2
Spurn Head	bbcb	b-bc	bbc	bbc	57	44	.	-	-	-	—	6.2
Birmingham (Edgbaston)	bcpr	bccpr	cb	bbcc	59	42	39	Trace	11.00	-	—	9.9
Cranwell	b-bc	c	bbc	bbcc	58	39	35	—	—	—	—	5.9
Gorleston	bbcq	bcqc	cr bcc	bbcc	59	41	38	Trace	17.30	Trace	<21.00	7.6
Valentia (Cahirciveen)	ocp	bcupo	bcp	bcop	55	49	42	0.2	9.00	Trace	<21.00	2.7 3.7
Roches Point	bccp	cbcb	b	bcc	57	46	.	0.1	12.30	-	—	0.0
Pembroke (St. Ann's H.)	cqdo	c	cbcp	bccq	56	43	.	Trace	18.00	Trace	<21.00	1.2
Ross-on-Wye	cbcc	coccb	bcc	c	59	43	37	-	-	0.3	<21.00	4.3
Leafield	bccp	bc	bccr	cbcw	56	40	37	0.1	12.30	2	22.00	.
Winchester (Worthy Dn.)	cbcc	cbc	bcc	cprbc	58	41	37	-	-	0.3	2.30	2.4
S. Farnborough ...	w bcc	cbc	bc	bcw	59	42	37	-	-	-	—	4.2
London (Kew Obsy.) ...	bcc	bcbm	bw bcc	bcw	59	45	39	-	-	-	—	4.8
Croydon	cbcc	cbz	bzcw	cbc	59	45	40	-	-	-	—	4.1
Shoeburyness	bcb	b	bc	oc	59	45	41	-	-	-	—	5.2
Clacton-on-Sea ...	bc	bc	bcc	cbc	59	46	42	-	-	-	—	7.4
Felixstowe	bcc	cbcc	bcb	bcm	59	46	43	-	-	-	—	7.8
Lympne	bcb	bbc	bbm	bcm	57	45	39	-	-	Trace	<21.00	6.6
Scilly (St. Mary's) ...	cbc	bccp	bcbp	bc	59	49	.	0.2	16.30	Trace	22.00	6.5
Falmouth (Pendennis)	cprbq	bccpr	bcpr	bc	59	47	.	0.1	11.00	1	<21.00	4.7
Plymouth (Cattewater)	cdbq	bcc	bcPR	bcwc	60	45	44	Trace	18.00	0.6	22.00	3.3
Portland Bill	cbc	bc	cbcb	b	58	49	.	-	-	-	—	.
Southampton (Calshot)	ocbcc	cbcc	c	bc	59	45	39	-	-	Trace	24.00	4.4
Dungeness	cbc	bcb	bbc	bcc	59	45	.	-	-	-	—	.
Guernsey	oddsrc	c	cddprc	cbc	55	49	.	0.1	18.00	1	—	0.0

5th November



2	4h	10h	Hibernia	W	6	c	PR	59	56
3	5th	2h	Arundel	NW	4			55	58

A depression between Iceland and Northern Scotland is deepening and moving southeastwards towards the North Sea. Weather will be stormy and rather unsettled but there will be fair periods in most districts. On the high ground in Northwestern Scotland there will be some snow or sleet showers.

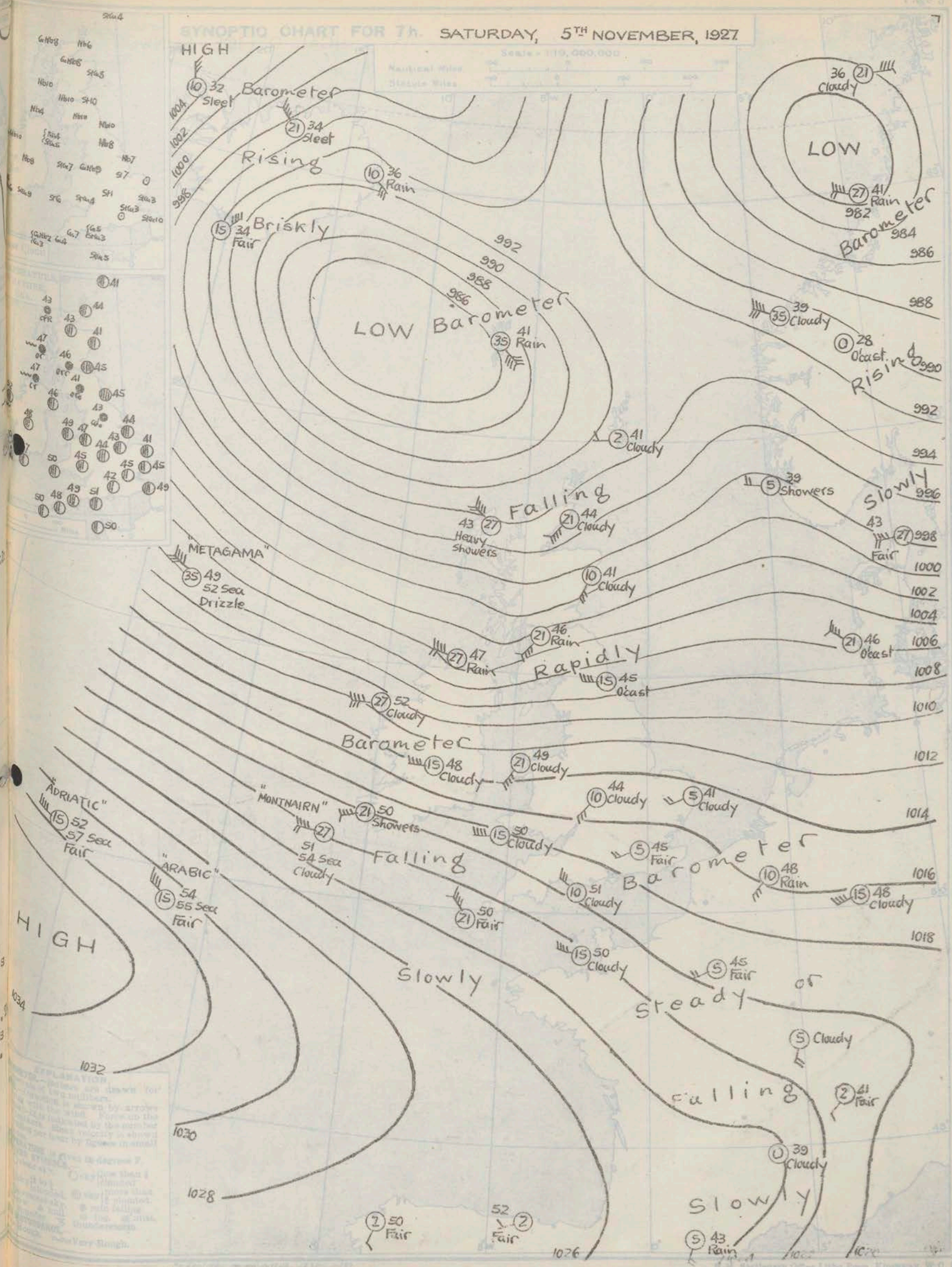
Saturday, 5th November, 1927.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	S.W. to W. winds, veering temporarily N.W., moderate to strong; cloudy, occasional rain; fair periods later; moderate temperature. Westerly to northwesterly winds, moderate to strong, approaching a gale at times; cloudy with occasional rain then some fair intervals; becoming cooler.	Unsettled generally.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland, Isle of Man 13. A. W. Scotland, B. NW Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	W. to N.W. winds, strong to a gale at times; cloudy occasional rain, then fairer periods; probably snow or sleet on high ground; cooler.	South cone hoisted 3h.G.M.T. today in districts 8,10,11,12,13, 15,16,17 and 18; and at 8h.30m.G.M.T. today in districts 2,5,6,7,19 and 20.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 2 - 7.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1030 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1

†Trace = less than half mm., but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. SATURDAY, 5TH NOVEMBER, 1927
HIGH
Barometer
Rising
Briskly
LOW Barometer
LOW
Barometer
Rising
Slowly
Falling
Rapidly
Barometer
Falling
Barometer
Slowly
Steady or
Falling
Slowly
HIGH
"METAGAMA"
"ADRIATIC"
"MONTNAIRN"
"ARABIC"

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION......Saturday, 5th November....1927. No. 302.

Observations at 1h. G.M.T. 5th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1001.9	0	SW	2	c	41	85	8	5700	St.Cu	5	A.St	10
Stornoway	30	1007.7	-7	NW	5	PR	•	•	6	•	•	•	•	•
Wick	81	1007.2	-5	W	2	c/r	39	85	8	1500	Cu.Nb	8	-	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	61	1016.2	-6	W	5	cr₀+	46	92	7	4000	Nb	3	A.St	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1011.4	-3	WSW	3	bcr₀	45	85	8	800	Nb	4	-	4
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1014.8	-2	W	2	bc	41	92	7	1500	Cu	3	-	3
Blacksod Point ...	18	1020.3	-3	NW	6	c+	48	85	7	•	St.Cu	10	-	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1019.7	-1	WNW	5	bc	50	85	8	2500	St.Cu	5	-	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1016.4	0	W	5	b	47	75	6	-	-	{0}	-	{0}
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	238	1018.4	+2	W	3	b-	41	97	6	-	-	0	-	0
Gorleston	14	1017.1	0	W	2	b-	47	85	6	-	-	0	A.St	2
Valentia (Cahirciveen) ₱	30	1025.3	0	W	4	c+	50	92	8	-	St	9	-	9
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1022.2	0	W	4	bc-	50	85	8	2500	Cu	4	-	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	51	•	•	•	•	•	•	•
Croydon	244	1019.1	-2	W'S	2	c	50	92	7	2500	St.Cu	4	A.St	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1018.2	-2	NW	3	b	48	97	6	2500	St.Cu	2	-	2
Scilly (St. Mary's) ...	163	1024.1	-2	N	5	bc+	50	75	9	4000	Cu	5	-	5
Falmouth (Pendennis)	200	1024.1	0	NW	3	bc	48	75	8	4000	Cu.Nb	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1019.7	0	NW'W	4	b-	52	85	8	4000	St.Cu	1	-	1
Southampton (Calshot)	10	1019.7	-2	WNW	3	b-	49	92	8	4000	St.Cu	1	-	1
Dungeness	20	1019.1	-1	WSW	2	b	52	97	7	2500	St.Cu	2	-	2
Guernsey (Fort George) ₱	295	1021.2	-2	WNW	3	c	53	85	8	2500	St.Cu	8	-	8

Observations at 7h. G.M.T. 5th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	992.7	-10	W	1	c	41	85	8	5700	St.Cu	4	A.St	8
Stornoway	994.5	-8	NW	6	c/PR	43	85	7	4000	Cu.Nb	8	-	8
Wick	995.2	-6	SW	5	c	44	85	8	1500	Nb	6	Ci.St	8
Tiree	1000.8	-9	NW	7	or	47	85	7	1500	Nb	10	-	10
Nairn	995.4	•	W	3	c/r	43	92	8	1500	Cu.Nb	8	-	8
Aberdeen	999.6	-10	SSW	3	c	41	85	7	2500	St.Cu	8	A.St	10
Malin Head	1003.7	-10	WNW	6	cr	47	97	7	4000	Nb	4	A.St	10
Renfrew	1002.8	-13	SW	5	or	46	97	6	450	Nb	10	-	10
Edinburgh (Inchkeith)	1001.9	-10	WSW	5	{b}	45	85	8	1500	{St}	{10}	-	10
Leuchars	1001.2	-11	SW	5	c+	44	92	7	800	St	8	A.St	10
Eskdalemuir	1005.7	-10	SW'S	6	or₀	41	85	6	800	Nb	10	-	10
Tynemouth	1007.0	-7	W	4	o	45	85	7	1500	Nb	10	-	10
Blacksod Point	1011.4	-5	W	7	c	52	65	6	•	Cu.Nb	10	-	10
Donaghadee	1002.4	-10	SW	3	c/p	46	85	8	5700	St.Cu	9	-	9
Birr Castle	1013.5	•	W	4	c+	48	85	8	1500	Nb	9	-	9
Holyhead	1013.7	-6	SW	5	c	49	75	8	4000	St.Cu	7	A.St	10
Liverpool (Bidston)	1012.2	-6	WSW	6	c	47	75	7	800	Cu.Nb	9	A.St	10
Chester (Sealand)	1013.4	-6	WSW	3	c	47	65	8	2500	St.Cu	7	A.St	9
Harrogate	1010.3	-3	SW	4	cd₀	43	85	8	2500	Nb	8	A.St	9
Spurn Head	1011.4	-4	SW'S	4	c+	44	85	7	2500	Nb	7	A.St	10
Birmingham (Edgbaston)	1015.4	-4	SW	3	c	44	85	8	1500	St	1	A.Cu	8
Cranwell	1014.7	-5	SW'W	4	c	43	92	7	2500	St	7	A.St	10
Gorleston	1014.3	-3	WSW	2	c	41	92	6	-	-	0	A.Cu	8
Valentia (Cahirciveen)	1021.0	-3	WSW	5	c/pr₀	50	97	8	1500	St.Cu	10	-	10
Roches Point	1020.4	-4	W	2	c	47	85	8	2500	St.Cu	9	-	9
Pembroke (St. Ann's H.)	1018.1	-3	W	4	c+	50	85	8	2500	St.Cu	6	A.Cu	8
Ross-on-Wye	1016.7	-3	SW'W	3	c	45	85	8	2500	St.Cu	4	A.St	8
Leafield	1016.9	-3	WSW	3	c	43	85	7	5700	St.Cu	2	A.Cu	8
Winchester (Worthy Dn.)	1018.3	-1	WSW	3	c+	43	92	7	4000	St.Cu	7	Ci.St	8
S. Farnborough	1018.0	-1	W'S	1	bc	42	92	7	-	-	0	A.Cu	6
London (Kew Obsy.)	1017.3	-1	WSW	2	bc	45	92	6	7200	St.Cu	3	A.Cu	4
Croydon	1017.7	-1	W'S	2	bc	45	92	7	7200	St.Cu	4	Ci	6
Shoeburyness	1017.0	-1	WNW	1	c	45	92	6	-	-	0	A.Cu	8
Clacton-on-Sea	1016.3	0	W	3	bc	45	92	7	4000	St.Cu	3	-	3
Felixstowe	1016.1	-2	W'S	3	bc+	46	85	6	-	-	0	A.Cu	6
Lympne	1017.8	0	W	3	c	45	97	5	2500	St	9	-	9
Scilly (St. Mary's)	1022.5	-1	NW'N	5	bc	50	75	8	4000	Cu	5	-	5
Falmouth (Pendennis)	1022.3	-1	NW'W	2	bc+	48	75	8	4000	Cu	4	Ci.St	5
Plymouth (Cattewater)	1021.3	0	W	2	c+	49	85	8	1500	Cu	7	Ci	8
Portland Bill	1019.0	-2	NW	4	c+	51	75	8	2500	Cu	8	Ci	9
Southampton (Calshot)	1018.8	-1	W	4	bc	45	85	7	-	-	0	Ci	3
Dungeness	1017.2	-1	WNW	3	c	49	97	7	2500	St.Cu	10	Ci	10
Guernsey (Fort George)	1022.1	-1	WNW	4	bc	50	65	9	2500	St.Cu	5	Ci	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4th November

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 3rd to 9h. 4th (4) °F	Temperature Max. 9h.-17h. 4th (5) °F	Rainfall† Night 17h.-9h. 3rd-4th (6) mm.	Rainfall† Day 9h.-17h. 4th (7) mm.	Sunshine Sunrise to Sunset 4th (8) hr.
Berwick-on-Tweed	bcb	bcrb	49	? 61	1	0.3	6.3
Douglas (I. o. M.) ...	bcid₀	bcid₀	52	54	0.5	Trace	4.0
Llandudno ...	bcrd	bcbpc	54	57	0.6	1	3.1
Colwyn Bay ...	cbccp	bbc	55	58	-	0.3	4.1
Rhyl	bc	bcbpc	53	59	-	0.6	3.8
Wallasey ...	cbc	crc	51	58	-	Trace	2.1
Southport ...	bccbc	bcco	*53	57	-	Trace	2.1
Blackpool ...	bc	c	53	56	0.3	-	4.9
Ilkley	cpc	bc	47	56	1	1	3.1
Cleethorpes ...	b	bcb	49	59	Trace	-	5.9
Skegness ...	bbcr	cbc	47	53	Trace	Trace	5.0
Aberystwyth ...	cbc	bcpc	54	56	0.3	1	0.6
Bath	ccp₀	cbc	53	60	0.3	Trace	2.7
Cheltenham‖ ...	wcbc	bcpc	51	60	-	0.3	3.4
Leamington Spa ...	c	cb	46	60	-	-	2.6
Lowestoft ...	b	b	49	59	-	-	7.3
Felixstowe ...	b	b	50	59	-	-	8.2
Harwich & Dovercourt	b bc	bc	49	59	-	-	8.3
Southend ...	ocb	cb	51	60	Trace	-	5.7

Stations (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe ...	ocod	oco	54	57	1	0.2	0.9
Bude ...	oc	cbc	53	57	Trace	-	2.4
Penzance ...	cbbc	brb	52	59	1	0.3	3.1
Paignton ...	bcw	bcb	50	?	Trace	-	3.2
Torquay ...	bcw	bbcb	50	61	-	-	6.2
Jersey ...	bc	c	55	58	0.5	-	1.5
Weymouth ...	cb	bbcdcb	51	62	-	0.1	4.9
Bournemouth ...	bc	bcc	51	59	0.3	-	4.1
Ventnor ...	dc	bc	51	58	0.5	-	5.1
Portsmouth (S'thsea)	cb	b	52	60	-	-	4.0
Bognor ...	cbc	bcb	51	60	-	-	3.4
Littlehampton ...	cbc	bc	52	58	-	-	3.1
Worthing ...	cbc	bcc	52	58	-	-	3.8
Brighton ...	bcc	cbc	54	58	-	-	3.2
Eastbourne‖ ...	bc	cbccb	55	58	-	-	5.2
Hastings‖ ...	cbcc	bccbc	54	58	Trace	-	4.6
Folkestone ...	b	b	54	59	-	-	6.8
Dover ...	cbc	bcb	54	59	-	-	5.0
Tunbridge Wells ...	bc	bcobc	53	58	-	-	3.6
Ramsgate ...	bcb	b	51	60	-	-	7.0
Margate ...	bc	bc	51	59	-	-	6.2
Deal	b	b	51	59	-	-	7.8

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ₱ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ⁂ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24090 Sunday 6th November 1927. Page 1.

Observations at 13h. G.M.T. 5th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.
Lerwick	985.1	-6	SW	1	orr	44	92	7	4000	Nb	10	-	10	•
Stornoway	991.2	+3	WNW	4	c|PR	44	75	8	4000	CuNb	7	Ci	8	•
Wick	990.4	-2	SW	3	c|pr₀	42	85	8	1600	[StCu struck out]	[8 struck out]	Ci-St	8	•
Tiree	997.5	-4	NW	7	or	45	85	7	1500	Nb	10	-	10	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	992.3	-4	W	4	b	48	55	8	2500	Cu	1	-	1	1
Malin Head	1000.5	-5	WNW	6	bcjp	46	85	7	4000	CuNb	4	ACu	5	•
Renfrew	997.9	-4	WSW	4	bcjp	46	75	7	2500	CuNb	7	-	7	2
Edinburgh (Inchkeith)	995.1	-3	WSW	5	b	46	75	8	5700	Cu	1	ACu	2	•
Leuchars	994.4	-3	WSW	5	bc+	47	55	8	4000	StCu	3	-	3	1
Eskdalemuir	997.9	-6	W'S	4	bc|PR	42	75	8	1500	Cu	7	-	7	2
Tynemouth	998.7	-9	W	5	bc|r	49	85	7	1500	CuNb	7	-	7	•
Blacksod Point	1007.1	-3	NW	6	c	49	75	7	*	CuNb	10	-	10	•
Donaghadee	1003.3	-6	WNW	6	bc-	48	85	8	5700	StCu	4	-	4	•
Birr Castle	1007.5	*	W	4	cr	49	85	7	1500	Nb	9	-	9	•
Holyhead	1006.1	-9	SW'W	7	cKQ	50	92	6	1500	Nb	7	ASt	10	2
Liverpool (Bidston)	1003.6	-9	SW'W	6	cjp	51	75	9	800	CuNb	10	-	10	•
Chester (Sealand)	1004.4	-11	WSW	5	c	51	75	8	2500	StCu	4	ASt	10	2
Harrogate	1000.4	-11	SW'W	7	cr₀	47	85	7	2500	Nb	6	ACu	8	•
Spurn Head	1003.1	-11	SW'S	7	o	49	75	7	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	1008.0	-9	SW	5	or₀	47	85	8	2500	Nb	10	-	10	2
Cranwell	1006.1	-12	SW'W	6	c	48	92	6	1500	StCu	6	ASt	10	0
Gorleston	1007.8	-6	SW	4	or r₀	48	85	7	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1013.7	-8	W'S	6	c|pr₀	52	97	6	800	St	10	-	10	2
Roches Point	1012.6	-7	W	3	c	52	85	8	1500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1010.6	-9	W	8	c|r	53	85	7	1500	StCu	10	-	10	•
Ross-on-Wye	1009.5	-8	W'S	5	cd₀	50	75	8	2500	Nb	5	CiSt	9	1
Leafield	1010.5	-7	SW'W	4	c	47	85	8	4000	StCu	6	ASt	10	1
Winchester (Worthy Dn.)	1013.5	-7	SW'W	4	c	50	75	8	4000	StCu	9	-	9	1
S. Farnborough	1012.5	-6	WSW	4	c	49	75	8	1500	StCu	10	-	10	1
London (Kew Obsy.)	1012.2	-8	SW	4	c	60	75	6	1500	Nb	7	ASt	10	2
Croydon	1013.1	-6	WSW	4	c	49	75	7	2500	StCu	6	ASt	10	1
Shoeburyness	1011.8	-4	WSW	3	c	51	85	5	1500	Cu	5	ASt	9	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1011.0	-6	WSW	5	c	51	65	8	1500	St	4	ACu	9	0
Lympne	1012.5	-6	SW'W	4	bc+	54	55	8	2500	StCu	7	-	7	5
Scilly (St. Mary's)	1017.6	-5	NW'W	7	c	52	75	8	4000	StCu	9	-	9	•
Falmouth (Pendennis)	1017.1	-5	WNW	6	c+	52	75	8	4000	StCu	9	-	9.	•
Plymouth (Cattewater)	1016.1	-7	W	7	or₀	52	75	7	2500	Nb	10	-	10	2
Portland Bill	1014.1	-6	WSW	6	c	53	75	8	1500	StCu	8	ASt	10	•
Southampton (Calshot)	1014.3	-7	WSW	6	cr₀	51	65	8	2500	StCu	10	-	10	0
Dungeness	1011.8	-5	W	6	c+	54	65	8	2500	StCu	8	CiSt	9	•
Guernsey (Fort George)	1018.4	-5	W	6	c|r	52	75	8	2500	CuNb	8	-	8	•

Observations at 18h. G.M.T. 5th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	982.8	-1	SW	1	c|r	41	85	8	5700	StCu	5	ASt	8	•
Stornoway	987.3	-4	WNW	3	bc|PR	38	92	8	4000	CuNb	4	-	4	2
Wick	987.9	-3	WSW	3	c|p	38	92	8	1500	CuNb	6	CiSt	8	0
Tiree	992.3	-3	NW	4	bc|PR	41	85	7	800	CuNb	7	-	7	6
Nairn	988.7	*	WNW	2	bc	38	85	8	4000	CuNb	6	-	6	•
Aberdeen	989.9	-3	SSW	2	b+	40	75	6	2500	StCu	1	ACu	2	0
Malin Head	994.9	-4	WNW	6	bc|PR	44	85	7	4000	CuNb	4	-	4	7
Renfrew	994.0	-5	W	3	cjp	42	85	6	800	CuNb	9	-	9	•
Edinburgh (Inchkeith)	991.5	-3	SW	5	bc	43	92	8	4000	StCu	2	ACu	5	3
Leuchars	990.8	-5	WSW	5	bc	39	85	8	4000	StCu	3	ACu	5	•
Eskdalemuir	995.1	-5	WSW	5	c|PR	36	92	7	1500	Cu	8	-	8	•
Tynemouth	995.8	-4	W	4	bc-	42	85	7	1500	CuNb	4	ACu	5	1
Blacksod Point	1001.3	-5	W	7	c	48	65	7	*	CuNb	8	-	8	7
Donaghadee	999.4	-4	W	4	bc-	42	85	8	5700	StCu	3	-	3	3
Birr Castle	1003.3	*	NW	4	c-	45	75	7	2500	StCu	8	-	8	•
Holyhead	1002.3	-3	WNW	7	c	49	75	7	2500	StCu	9	-	9	6
Liverpool (Bidston)	999.3	-3	W	6	cr₀	47	65	7	800	CuNb	7	ASt	10	•
Chester (Sealand)	1000.5	-4	W	5	c|r	46	75	7	800	Nb	6	CiSt	9	•
Harrogate	997.5	-1	SW	3	b-	42	85	7	4000	Cu	1	ACu	1	•
Spurn Head	997.6	-1	WSW	6	o	47	85	6	4000	Nb	10	-	10	3
Birmingham (Edgbaston)	1001.8	-5	WSW	3	o	48	75	6	2500	Nb	10	-	10	•
Cranwell	1000.9	-3	W'S	5	c|r	45	92	7	1500	St	6	ASt	8	•
Gorleston	1001.1	-6	SW'S	4	c	48	85	7	2500	Nb	4	ASt	10	1
Valentia (Cahirciveen)	1008.1	-7	W'N	4	c-	51	75	8	2500	StCu	4	ASt	8	4
Roches Point	1008.0	-4	W	3	c	50	85	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1004.9	-7	W	6	c|r	51	92	7	1500	StCu	5	ASt	10	6
Ross-on-Wye	1003.6	-7	W	2	c|pr₀	50	85	8	2500	StCu	10	-	10	•
Leafield	1002.9	-8	SWW	4	cr₀	48	92	7	1500	Nb	9	ASt	10	•
Winchester (Worthy Dn.)	1006.8	-9	SW	4	cd₀	49	92	8	2500	StCu	10	-	10	
S. Farnborough	1006.4	-7	WSW	4	c	48	85	8	1500	St	7	ASt	10	•
London (Kew Obsy.)	1005.5	-8	SW	5	c	50	75	6	800	Nb	9	ASt	10	•
Croydon	1006.1	-7	SW	4	c	49	75	7	1500	St	5	ASt	10	•
Shoeburyness	1004.8	-8	W	5	c	50	85	5	1500	Cu	6	ASt	10	•
Clacton-on-Sea	1004.6	-7	WSW	5	c	50	85	7	-	-	0	ASt	8	3
Felixstowe	1004.5	-7	WSW	5	c	50	85	7	4000	StCu	9	ASt	10	6
Lympne	1007.0	-5	SW	5	c-	49	75	7	1500	StCu	9	-	9	•
Scilly (St. Mary's)	1012.1	-8	NW	7	c	52	85	7	4000	StCu	9	-	9	7
Falmouth (Pendennis)	1010.4	-4	WSW	6	cr₀	51	85	7	2500	Nb	6	ASt	9	2
Plymouth (Cattewater)	1009.4	-7	WSW	5	c	51	85	7	1500	Nb	9	ASt	10	4
Portland Bill	1007.2	-9	WSW	7	c	53	85	8	1500	St	8	ASt	10	7
Southampton (Calshot)	1007.5	-7	SW'W	5	c	51	75	8	1500	St	10	-	10	3
Dungeness	1006.8	-8	WSW	6	bc-	53	75	8	1500	Cu	5	ACu	7	6
Guernsey (Fort George)	1013.7	-6	W	6	cr r₀	49	97	7	1500	St	10	-	10	6

London Observations.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 7h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day	Visibility 9h.
Kew } 24 hours ended 7h.	18	bcwem	cr₂m	cpr₀c	51	44	39	Tr.	0.2	1.7	*	*	
Croydon }	244	bcc	cq	crr₀c	53	44	40	-	1	2.9	*	*	
Greenwich (Royal Obsy.)	149	bcc	cdr₀	cdrd₀cd	52	43	38	Tr.	0.5	2.0	71	83	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.6	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	53	45	34	-	-	1.7	80	84	•
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	1.7	*	*	*
Camden Square	110	bcc	c	*	50	43	37	-	0.3	*	*	89	*
Kensington Palace	80	o	oc	*	51	44	37	-	-	*	(At 18h) 78	83	*
Hampstead Observatory	450	*	*	*	50	39	31	0.3	0.5	1.5	*	82	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 6th

South Kensington Max.	Time.	Min.	Time.
0.5	16h 5th	<0.3	24h 6th

Kew Observatory Max.	Time.	Min.	Time.
<0.3	Throughout the period.		

Pole Star Record at Greenwich Obsy.

Exposure from 5th 17 h. 15 m. to 6th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 0	02.10	17
δ Ursae Minoris	13 0	04 16	10

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

6th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.55 / 7.1	11.37 / 11.37	16.14 / 16.12
Greenwich	7.3 / 7.4	11.44 / 11.44	16.24 / 16.23
Wick	7.46 / 7.43	11.56 / 11.56	16.11 / 16.9
Valentia	7.45 / 7.47	12.25 / 12.25	17.4 / 17.2

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). / before (for precipitation).
⊕ = solar halo. ♅ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased, + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ Telegraphic Code for Surface Visibility.

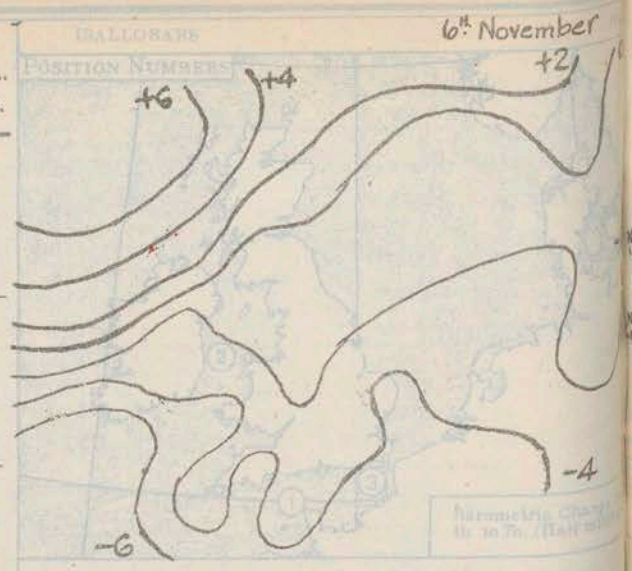
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h.	13h.-18h.	18h.-1h.	1h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN. Hours.
Lerwick	orr	orrc	corr	orrbc	45	39	.	7	9.00	5	22.00	0.4
Stornoway	p	p	b-bc	p	46	34	.	2	*	3	*	4.0
Wick	cpr.	cprcprhc	b-bc	oirh	45	32	.	1	9.00	3	4.30	.
Tiree	pRco	pRhq	PRbc	prcoq	48	40	33	3	<8.00	2	<21.00	2.3
Nairn	cprbc	bc	bcprc	cq	43	33	.	2	<8.00	3	22.00	2.3
Aberdeen	cprbcby	bybm.	bcbm.	bx	48	33	24	Trace	9.00	-	-	5.4
Malin Head	oircPHr	bcPR	bcPHr	bccPHr	49	39	.	3	<8.00	5	<21.00	1.6
Renfrew	orRcp	cpP	cPRC	crbcx	48	31	26	7	<8.00	5	<21.00	2.7
Edinburgh (Inchkeith)	bbcbq	b bc	bc	b-bc	47	38	34	4	<8.00	Trace	<21.00	4.2
Leuchars	irbcb	b-bc	bcbx	bx	50	30	23	0.2	<8.00	-	-	4.7
Eskdalemuir	oircprhc	cprhpr	cprbcb	bcrbc	45	32	29	11	<8.00	1	<21.00	0.6
Tynemouth	oirq	bcq	bcq	bc	51	36	30	0.3	9.00	-	-	.
Blacksod Point ...	Poq	Pcq	Pq.o	HPq	52	40	.	2	*	4	*	.
Donaghadee	orrbc	pr.bc	bc	bc	50	35	.	3	9.00	-	-	.
Birr Castle	cir	circ	c	cirbc	50	37	30	2	<8.00	2	-	0.1
Holyhead	ir.	pr.	brq	cbcq	51	44	42	3	<8.00	0.5	<21.00	0.0
Liverpool (Bidston) ...	cpr.	qrcrh	crnbq	oRhq	51	38	36	2	<8.00	5	<21.00	0.0
Chester (Sealand) ...	circ	cprrq	bcprqp	qprbc	51	39	33	3	<8.00	0.6	<21.00	0.0
Harrogate	cqddr	cPc b	bbcp	bbcP	48	34	31	4	<8.00	7	<21.00	0.0
Spurn Head	c	p	b-bc	p	50	40	.	2	14.30	Trace	5.30	0.0
Birmingham (Edgbaston)	c	cor.	oirc	cprb	49	38	34	0.6	12.30	1	<21.00	0.0
Cranwell	p	r-d	cbc	bcpo	49	38	35	2	12.30	Trace	6.30	0.2
Gorleston	cprorq	orqc	cqorc	c	48	40	37	0.1	9.00	1	<21.00	0.0
Valentia (Cahirciveen)	op.	opc	cop	cop	53	44	37	1	<8.00	6	<21.00	0.0
Roches Point	c	cpc	cp	c	53	39	.	0.1	13.30	0.2	<21.00	.
Pembroke (St. Ann's H.)	cqp	cqPm	cqP	cqP	53	44	.	0.2	12.30	1	24.00	0.0
Ross-on-Wye	c	cqo	crrcbc	cbccqc	52	40	30	0.1	13.30	0.2	<21.00	0.0
Leafield	bcc	c	orc	bcw	48	37	30	Trace	17.30	2	<21.00	0.5
Winchester (Worthy Dn.)	c	crd.	cd.rr	cbc	51	42	38	Trace	14.30	3	<21.00	0.7
S. Farnborough ...	wbccr.	cr.c	crr	cr.	51	41	38	Trace	11.00	2	22.00	1.2
London (Kew Obsy.) ...	bcwcm	cr.m	cpr.	c	51	44	39	Trace	14.30	0.2	22.00	1.7
Croydon	bcc	cq	crrcr.	cr.r.	53	44	40	-	-	1	22.00	2.9
Shoeburyness	bccm	cm	cr	cbc	53	44	43	-	-	1	22.00	3.3
Clacton-on-Sea ...	bcc	c	cobc	cbc	51	45	43	-	-	2	<21.00	1.4
Felixstowe	cbcc	cm.	cr.	c	51	45	42	-	-	1	<21.00	1.6
Lympne	obcm	bcyc	corr	orrc	57	44	42	-	-	4	22.00	5.2
Scilly (St. Mary's) ...	bcc	cP	cP	cP	54	45	.	Trace	14.30	4	<21.00	0.0
Falmouth (Pendennis)	bccq	crq	orrq	orbcc	53	45	.	Trace	14.30	4	<21.00	0.3
Plymouth (Cattewater)	bccq	bcqr.r	cqRr	cpr.	53	47	45	0.2	12.30	3	<21.00	0.2
Portland Bill	c	c	cirr	cpbcc	55	49	.	-	-	6	22.00	.
Southampton (Calshot)	bccq	cir.c	ccr.Rir	circ	52	46	43	Trace	12.30	2	<21.00	2.4
Dungeness	c	cq	crqom	irrbc	55	49	.	-	-	9	<21.00	.
Guernsey	cbccqq	cir.rq	oirr	rrcq	53	48	.	0.2	13.30	7	<21.00	1.2



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	5th 10h	Hibernia	WSW	7	c	52	56
1	" 12h	St. Julien	NW	7	c+	56	58
3	6th 2h	Dieppe	WNW	8	PR	58	58

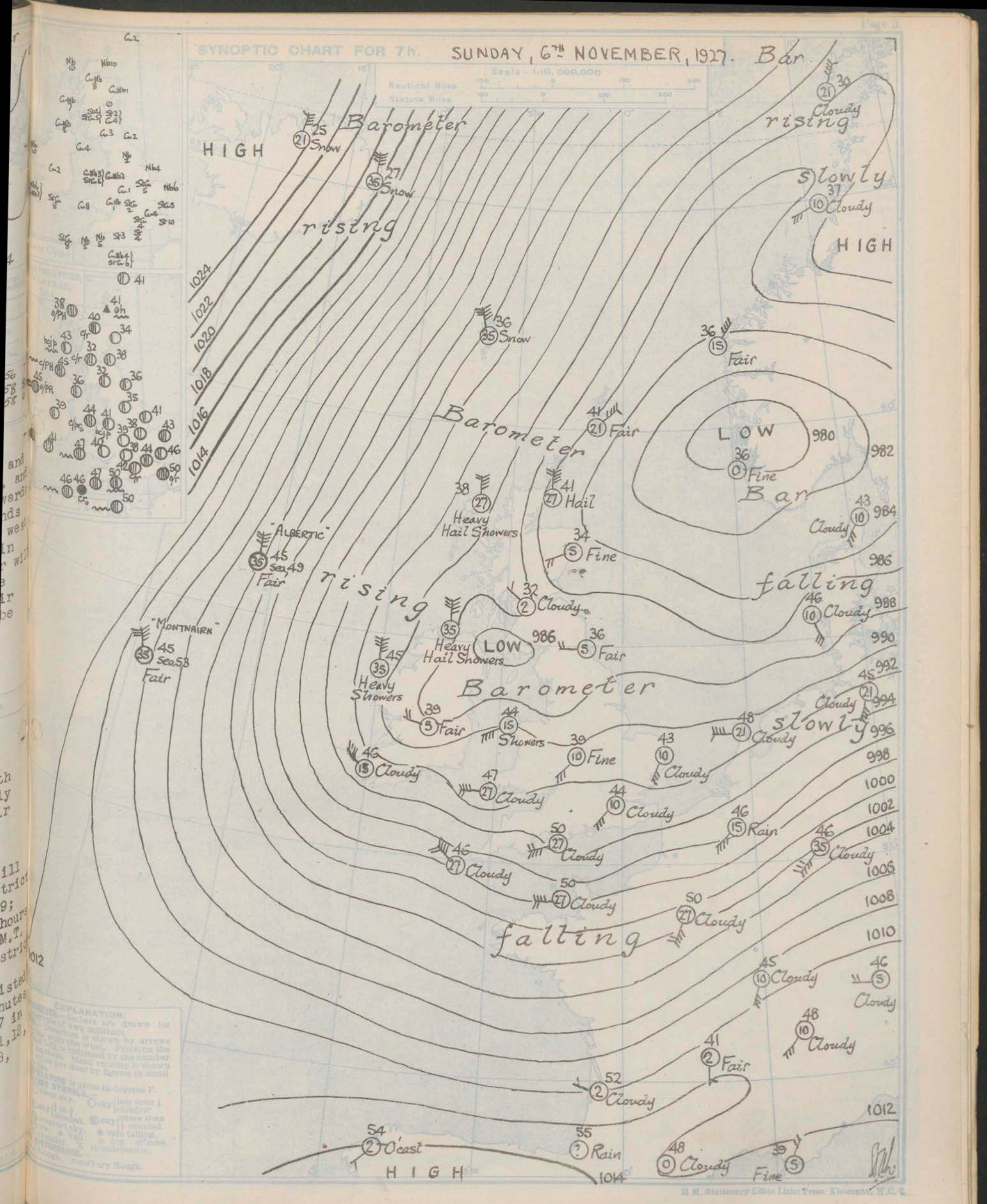
GENERAL INFERENCE.

A depression over Norway and the North Sea is moving S.E. and a secondary is moving southwards over the British Isles. Winds will be mainly from between west and north strong to a gale in the North and West. Weather will continue unsettled with some rain or hail showers but fair periods. Temperature will be much lower than of late.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Sunday, 6th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S.W. to W., veering later, moderate to strong perhaps approaching gale force on coasts; fair periods, some showers, perhaps hail later; rather cold, local frost at night.	Unsettled with cold northerly winds but fair periods.
5. S.W. England 6. South Wales	Wind W to N.W., strong to a gale at times; fair periods; some showers, perhaps hail; rather cold.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Variable winds becoming northerly and strengthening; fair periods, some rain or hail, perhaps snow on high ground; cold, local frost at night.	South cone still flying in districts 2,5,6,7,10 and 19; hoisted at 14hours 10 minutes G.M.T. 5/11/27 in district 1.
13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Northerly winds, strong to a gale; fair periods, some rain and hail, snow probable on high ground; cold, frost locally at night.	North cone hoisted 9 hours 45 minutes G.M.T. 6/11/27 in districts 8,11,12, 13,15,16,17,18, and 20.
19. S.E. Ireland 20. S.W. Ireland	Winds between west and north, moderate to strong, perhaps reaching gale force later; fair periods, rain or hail showers; cold, frost locally at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1030 G.M.T.

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. SUNDAY, 6th NOVEMBER, 1927.
HIGH
Barometer
rising
Bar
rising
slowly
HIGH
LOW
980
982
Bar
Barometer
rising
falling
slowly
falling
LOW
986
Barometer
HIGH
1024
1022
1020
1018
1016
1014
1012
990
988
994
996
998
1000
1002
1004
1006
1008
1010
"ALBERTIC"
"MONTNAIRN"
Snow
Fair
Cloudy
Heavy Hail Showers
Hail
Fine
Heavy Showers
Showers
Rain
O'cast

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday, 6th November 1927. No. 310.

Observations at 1h. G.M.T. 6th / Observations at 7h. G.M.T. 6th

STATIONS.	Height above M.S.L. in feet	1h Barom. at M.S.L. mb.	1h Change in 3 Hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Cloud Low Height Feet	1h Cloud Low Form	1h Cloud Low Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 Hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Cloud Low Height Feet	7h Cloud Low Form	7h Cloud Low Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	[illegible] 0-9
Lerwick	54	9823	0	NE	4	orr	42	92	7	4000	Nb	10	-	10	9857	+3	NE	5	bc	41	75	8	4000	Cu	2	Acu	3	•
Stornoway	30	9880	0	N	2	c+	•	•	7	•	•	•	•	•	9914	+6	N	6	o/PH	38	92	7	2500	Nb	10	-	10	5
Wick	81	9856	-1	NW	2	bc	34	97	8	1500	CuNb	4	-	4	9843	+2	N	6	oh(r)	41	92	7	1500	Nb	10	-	10	6
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	9891	+2	N'E	8	bcjp	43	85	8	2500	CuNb	7	-	7	7
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	9865	•	NNE	8	c/r	40	92	7	1500	CuNb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	9858	0	WSW	2	b	34	85	8	2500	CuNb	1	-	1	0
Malin Head	51	9882	-6	W	6	bc/PH	44	75	7	4000	CuNb	5	-	5	9882	+3	N	7	c/PH	45	92	7	4000	CuNb	8	-	8	7
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	9882	0	NW	1	c/r	32	97	7	2500	Stcu	9	-	9	•
Edinburgh (Inchkeith)	190	9874	-2	WSW	4	bc+	41	85	8	4000	Stcu	3	Acu	4	9858	-1	W	4	bc+	38	97	7	1500	Cu	6	-	6	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	9806	-1	WSW	3	b	32	92	8	-	-	0	-	0	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	9877	-1	SE'S	2	bc	32	97	7	2500	Cu	3	-	3	•
Tynemouth	67	9903	-4	S	2	bc+	40	92	7	1500	CuNb	6	-	6	9874	-1	W	2	bc	36	97	7	2500	Cu	2	Acu	4	1
Blacksod Point	18	9924	-4	W	7	c	46	65	6	•	CuNb	10	-	10	9915	+2	N	7	o/PR	45	85	7	•	Nb	10	-	10	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	9901	-1	WNW	3	bc-	36	92	8	2500	Cu	4	-	4	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	9885	•	WNW	2	bc-	39	97	7	2500	Cu	2	Acu	5	•
Holyhead	26	9943	-8	W	6	c	46	85	8	2500	Stcu	9	-	9	9905	-3	WSW	4	c/pq	44	85	8	2500	Stcu	8	-	8	5
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	9886	-1	WSW	4	bcjp	41	75	8	800	CuNb	8	-	3	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	9898	-2	WSW	2	b	40	75	8	4000	CuNb	1	-	1	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	9830	-1	SW	3	bc	35	92	8	4000	Nb	2	Acu	4	•
Spurn Head	29	9928	-3	WSW	6	bc	43	92	7	-	-	0	Acu	3	9887	-3	SW	4	bc+	41	85	7	4000	Nb	4	Acu	5	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	9917	-1	SW	3	b	39	92	8	2500	Cu	1	-	1	•
Cranwell	236	9963	-6	WSW	3	bc-	40	92	7	-	-	0	Acu	4	9912	-2	WSW	3	bc	38	97	7	1500	Stcu	5	-	5	
Gorleston	14	9954	-3	SWS	2	c-	45	92	7	4000	Stcu	8	-	8	9911	-4	SWS	3	c	43	85	7	2500	Nb	6	Ast	10	1
Valentia (Cahirciveen) ₱	30	10035	-8	NW	6	bc/pr	47	97	8	-	CuNb	6	-	6	9932	-6	NW	4	c	46	85	8	2500	Nb	9	-	9	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	9932	-6	W	2	c	41	85	8	1500	Stcu	8	-	8	4
Pembroke (St. Ann's H.)	150	9968	-6	W	5	c	47	85	8	1500	Cu	5	Ast	8	9910	-5	W	6	c	47	85	8	1500	Cu	8	-	8	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	9923	-2	SW	2	b	40	75	8	4000	CuNb	1	-	1	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	9928	-1	SW	2	b	38	92	9	4000	Stcu	2	-	2	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	9945	-3	SSW	2	bc	42	97	8	2500	Stcu	3	Ast	7	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	9937	-2	SW'W	3	c/r	42	92	8	1500	Stcu	4	Ast	8	•
London (Kew Obsy.)	18	•	•	•	•	•	48	•	•	•	•	•	•	•	9932	-3	SW'W	3	c-	44	92	8	2500	Cu	4	Ast	8	•
Croydon	244	9981	-7	SW'W	3	cr₀r₀	46	92	7	800	St	6	Ast	10	9936	-2	SW	3	o	44	85	7	800	St	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	9933	-2	SW	2	bc	45	92	6	1500	St	-	Ast	6	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	9919	-3	SW	4	bc	46	85	7	4000	Stcu	5	-	5	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	9929	-4	WSW	5	bc	46	85	8	5700	Stcu	4	Acu	7	5
Lympne	350	9988	-7	WN	4	orr	46	97	7	1500	Nb	10	-	10	9939	-5	WSW	3	c-	44	92	7	1500	Stcu	9	-	9	•
Scilly (St. Mary's)	163	10041	-5	NWN	6	c	50	85	8	4000	CuNb	8	-	8	9989	-5	NW	6	c	46	75	7	4000	Stcu	8	-	8	7
Falmouth (Pendennis)	200	10022	-7	WNW	4	or-	49	92	7	2500	Nb	10	-	10	9963	-2	W	4	cr₀	46	92	8	2500	Nb	5	Ast	8	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	9957	-4	W	5	c	47	75	8	2500	Nb	6	Ast	9	1
Portland Bill	32	9989	-6	W	6	cr	51	75	8	1500	St	4	Ast	10	9939	-4	W'S	6	c	50	75	8	1500	St	3	Ast	10	7
Southampton (Calshot)	10	9994	-6	WNW	4	cr₀	48	92	8	1500	Nb	6	Ast	10	9946	-3	WSW	4	c	47	75	8	1800	St	4	Ast	9	0
Dungeness	20	9981	-6	W	3	orr	49	92	7	1500	Nb	10	-	10	9937	-4	W	5	o/r	50	75	8	1500	St	10	-	10	5
Guernsey (Fort George) ₱	295	10020	-7	WSW	5	c+	52	85	6	2500	Stcu	10	-	10	9980	-3	W	6	c	50	75	8	1500	Stcu	10	-	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Saturday 5th November

STATIONS. (1)	WEATHER. Fore-noon. (2)	WEATHER. After-noon. (3)	TEMPERATURE. Min. 9h. 4th to 9h. 5th (4) °F	TEMPERATURE. Max. 9h.-17h. 5th (5) °F	RAINFALL.† Night 17h.-9h. 4th-5th (6) mm.	RAINFALL.† Day 9h.-17h. 5th (7) mm.	SUNSHINE. Sunrise to Sunset. 5th (8) hr.
Berwick-on-Tweed	cr₀bc	bc	40	49	-	Trace	3·5
Douglas (I. o. M.)	ocp	ocp	44	49	3	1	0·8
Llandudno	rodc	popc	48	51	1	4	0·0
Colwyn Bay	bcpo	orrco	47	51	2	4	0·0
Rhyl	cro	cro	47	52	0·6	3	0·0
Wallasey	iro	oirc	47	51	2	3	0·0
Southport	rorr	rorco	*47	50	1	5	0·0
Blackpool	or	gc	46	49	1	8	0.0
Ilkley	op	dpo	36	48	0·1	?	0·0
Cleethorpes	o	oro	37	49	-	4	0·0
Skegness	bbeco	o	37	49	Trace	-	0·0
Aberystwyth	cpc	cprc	49	55	0·5	1	0·0
Bath	cr₀	cir	42	52	1	3	0·0
Cheltenham‖	wcbc	co	42	52	1	-	0.6
Leamington Spa	o	or	42	50	0·1	2	0.0
Lowestoft	c	c	41	49	-	-	0·0
Felixstowe	bcc	cm	46	52	-	-	1·7
Harwich & Dovercourt	bcc	bcc	43	51	-	-	2·1
Southend	b	bco	45	53	-	-	3·1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o	op	50	54	-	1	0.0
Bude	cp₀	orro	50	59	2	0·2	0·1
Penzance	bc	cpr	47	54	1	0·3	0·1
Paignton	owcod	pojp	41	-	2	Trace	0·7
Torquay	coup	oq	44	63	0·6	Trace	0·7
Jersey	bc	cd	51	55	3	(Trace)	1·3
Weymouth	bcc	cpcgqc	43	53	0·6	Trace	0·7
Bournemouth	bc	c	42	52	-	-	2·1
Ventnor	bc	u	44	54	-	-	3·5
Portsmouth (S'thsea)	bbc	co	46	53	-	-	3·2
Bognor	bbcc	c	45	53	-	-	3·6
Littlehampton	bc	c	44	53	-	-	4·1
Worthing	bcc	c	45	53	-	-	3·4
Brighton	bbcc	co	47	54	-	-	3·6
Eastbourne‖	bbcco	d₀o	47	56	Trace	Trace	4·4
Hastings‖	bbc	bcco	46	54	-	-	4·6
Folkestone	c	c	46	54	-	-	4·8
Dover	bcbbc	bcc	48	53	-	-	3·8
Tunbridge Wells	bcc	bcoc	43	53	-	-	4·5
Ramsgate	bbc	bc	46	54	-	-	3·9
Margate	bc	bcc	47	53	0·3	-	4·1
Deal	bcc	bco	46	63	-	-	5·2

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* Information not usually received. ₱ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. *† See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h.; the minimum for the period 21h.-9h. § 17h.-7h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24091 Monday 7th November 1927.

Observations at 18h. G.M.T. 6th

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	987.0	0	N	2	bc	43	75	8	4000	Cu	2	Ci	8	·
Stornoway	992.9	0	N	6	c/PH	40	75	7	4000	CuNb	8	-	8	·
Wick	988.8	+4	NNE	4	c	42	75	8	1500	CuNb	6	CiSt	8	·
Tiree	993.1	+1	N	8	c+	43	75	8	1500	StCu	10	-	10	0
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	986.4	+3	N	3	c/p	42	85	8	1500	CuNb	8	-	8	1
Malin Head	992.7	+1	N	7	c/PH	43	92	7	4000	CuNb	7	ASt	9	·
Renfrew	989.7	+2	NE	3	c+	43	95	7	4000	StCu	9	-	9	2
Edinburgh (Inchkeith)	987.3	+1	NW	4	c/p	40	85	8	1500	Nb	10	-	10	·
Leuchars	987.2	+1	NW	4	c/p	40	85	8	2500	Nb	10	-	10	1
Eskdalemuir	987.8	0	E	1	bc	40	75	7	4000	Cu	6	AC	7	2
Tynemouth	987.5	-1	W	2	bc	45	75	7	2500	Cu	3	-	3	·
Blacksod Point	997.3	+3	N	7	c	42	75	7	·	CuNb	8	-	8	·
Donaghadee	989.5	0	NNE	4	bc/p	44	85	8	2500	CuNb	6	-	6	·
Birr Castle	991.2	·	NW	4	c	41	85	7	1500	CuNb	9	-	9	·
Holyhead	988.7	-2	NE'N	3	c	47	85	8	2500	CuNb	8	-	8	1
Liverpool (Bidston)	988.2	0	NNE	1	c	42	85	8	800	CuNb	9	-	9	·
Chester (Sealand)	988.3	-2	SW	1	c+	47	65	8	2500	St	7	ASt	10	2
Harrogate	988.4	0	SSW	3	b	45	75	7	4000	Cu	2	-	2	·
Spurn Head	988.4	0	SW	4	bc+	45	75	8	4000	Cu	6	-	6	·
Birmingham (Edgbaston)	989.3	-4	SSW	3	bc+	47	85	8	2500	Cu	7	Ci	4	2
Cranwell	990.2	-1	W'S	3	bc+	46	85	8	2500	Cu	5	-	5	·
Gorleston	989.9	-2	WSW	2	bc	47	85	7	4000	Cu	4	-	4	·
Valentia (Cahirciveen)	993.3	+3	N'E	6	c/p	47	65	8	2500	StCu	9	-	9	2
Roches Point	991.8	-3	NW	4	c	48	75	8	1500	Cu	7	AC	8	·
Pembroke (St. Ann's H.)	988.0	-4	NW	4	c/PR	46	85	8	1500	Cu	7	-	8	1
Ross-on-Wye	989.9	-3	S	2	c+	49	85	7	4000	Cu	7	-	7	·
Leafield	989.5	-3	SW'S	4	vbc	46	75	9	4000	Cu	1	CiSt	3	0
Winchester (Worthy Dn.)	991.7	-5	SW	3	bc	49	75	8	2500	Cu	3	Ci	7	2
S. Farnborough	991.6	-4	WSW	3	bc	49	65	8	4000	Cu	3	CiSt	7	1
London (Kew Obsy.)	991.2	-4	WSW	3	bc⊕	49	65	7	2500	Cu	4	CiSt	7	2
Croydon	991.8	-4	WSW	3	bc	48	65	7	2500	Cu	3	Ci	7	1
Shoeburyness	991.6	-3	WSW	1	bc	47	75	5	4000	St	5	CiCu	7	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	991.5	-2	WNW	3	bc-	49	65	8	4000	Cu	1	Ci	3	0
Lympne	991.8	-4	WSW	3	c	47	65	9	2500	StCu	9	-	9	2
Scilly (St. Mary's)	994.1	-7	NW'N	7	c/p	48	75	7	4000	CuNb	8	-	8	·
Falmouth (Pendennis)	991.0	-6	W'S	7	c/PH	51	75	7	4000	CuNb	6	ASt	8	·
Plymouth (Cattewater)	991.5	-6	W	7	bc-	50	75	8	4000	CuNb	5	Ci	8	2
Portland Bill	990.8	-4	WSW	6	c	51	65	8	1500	St	8	CiCu	9	·
Southampton (Calshot)	991.4	-5	SSW	4	bc⊕	50	65	8	4000	Cu	2	CiSt	7	0
Dungeness	992.4	-4	WSW	3	c-	50	65	8	2500	StCu	3	-	3	·
Guernsey (Fort George)	993.3	-7	W	6	c	50	65	8	2500	Cu	6	AST	10	·

Observations at 18h. G.M.T. 6th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	988.5	+2	N	2	b	40	97	8	4000	Cu	1	AC	2	·
Stornoway	991.0	-2	N	6	c/PRS	42	85	7	4000	CuNb	8	-	8	4
Wick	990.1	+2	NNW	6	c/p	36	85	7	1500	CuNb	6	CiSt	6	3
Tiree	992.3	0	NNW	6	c	43	75	8	1500	CuNb	-	-	0	2
Nairn	990.5	·	N	2	bc	37	85	8	4000	Cu	6	-	6	·
Aberdeen	989.0	+1	NW	3	b-	37	85	8	2500	CuNb	1	-	1	0
Malin Head	994.0	+1	N	7	c/HW	40	97	6	4000	CuNb	9	-	9	7
Renfrew	990.9	+1	-	0	bc	38	85	7	2500	StCu	7	-	7	2
Edinburgh (Inchkeith)	988.1	+2	NNW	3	c	40	75	8	1500	St	9	-	9	·
Leuchars	989.5	+3	NW	3	bc	39	75	8	4000	CuNb	9	-	9	·
Eskdalemuir	988.8	0	N	4	bc	35	85	6	4000	Cu	4	-	4	·
Tynemouth	988.2	+1	NW	2	bc	38	85	7	1500	St	3	ACu	4	1
Blacksod Point	997.1	0	N	7	c	42	65	6	·	CuNb	8	-	8	8
Donaghadee	990.9	+2	NE	6	bc/p	45	92	8	2500	CuNb	6	-	6	4
Birr Castle	993.6	0	NW	4	bc	38	92	7	1500	CuNb	7	-	7	·
Liverpool (Bidston)	988.9	0	N'E	6	c	45	92	7	2500	CuNb	8	-	8	5
Chester (Sealand)	~~992.4~~	0	-	0	c	41	92	7	1500	Nb	10	-	10	·
	988.0	0	W'S	1	c	41	97	5	800	Nb	10	-	10	·
Harrogate	988.7	0	SW	1	b	36	85	7	-	-	0	Ci	1	·
Spurn Head	987.9	0	WNW	2	bc	44	75	6	-	-	0	AC	3	2
Birmingham (Edgbaston)	987.4	-2	SW	2	c	40	92	5	1500	Nb	10	-	10	·
Cranwell	988.2	-2	SW	2	bc	37	95	7	2500	Cu	4	AST	4	·
Gorleston	989.5	0	SW'S	2	bc	42	75	7	5700	Cu	4	-	4	0
Valentia (Cahirciveen)	993.9	0	N'E	6	bc	42	65	8	2500	Cu	6	-	6	3
Roches Point	994.2	+3	N	5	c	44	85	7	2500	Cu	6	-	6	4
Pembroke (St. Ann's H.)	987.7	0	NW	4	c/PR	41	97	7	2500	StCu	5	AST	8	3
Ross-on-Wye	987.4	-3	SW	1	c	39	92	7	2500	StCu	3	-	3	·
Leafield	987.4	-3	SE'E	2	bc+	40	85	8	5700	StCu	3	Ci	7	·
Winchester (Worthy Dn.)	988.5	-4	SSE	2	c	43	97	6	2500	StCu	6	AST	8	·
S. Farnborough	988.8	-3	SSW	2	c/p	44	85	6	2500	StCu	6	-	6	·
London (Kew Obsy.)	988.7	-3	SE	3	bc	44	75	7	4000	StCu	2	AC	3	·
Croydon	989.6	-3	SSE	2	bc	41	85	7	2500	StCu	4	-	4	·
Shoeburyness	990.0	-2	S	1	bc	39	92	5	-	-	0	AC	3	·
Clacton-on-Sea	989.5	-2	SW	4	bc	47	75	7	-	-	0	AST	4	2
Felixstowe	990.2	-1	SW	1	c	46	75	7	-	-	0	AC	1	·
Lympne	990.0	-1	SW'S	1	c+	45	65	8	2500	StCu	9	-	9	·
Scilly (St. Mary's)	992.5	+1	N	6	c/PR	47	75	8	4000	CuNb	7	-	7	7
Falmouth (Pendennis)	990.9	-1	NW	6	c/PH	45	75	7	4000	CuNb	7	-	7	7
Plymouth (Cattewater)	989.3	-1	W	5	c+	45	85	8	4000	CuNb	8	Ci	8	7
Portland Bill	989.9	-3	WSW	6	c	50	75	8	2500	St	8	-	8	7
Southampton (Calshot)	988.4	-3	SW	4	bc/h	46	85	8	1500	CuNb	7	-	7	7
Dungeness	990.1	-3	S	2	c+	47	75	8	1500	Nb	6	AST	10	3
Guernsey (Fort George)	993.3	-3	W	6	bc/r	47	75	8	2500	CuNb	7	-	7	0

London Observations.	Height above M.S.L. in Feet.	Weather. Morning. (24 hours ended 8h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h
Kew } 24 hours ended 7h.	18	bc	bcmsw,	bwacx	49	38	30	-	-	4.6	·	·	5
Croydon } 24 hours ended 7h.	244	ocbce	oc ⊕	bxcpr	48	36	30	-	Tr	4.0	·	·	4
Greenwich (Royal Obsy.)	149	cobc	cebic	bcbwc	50	34	27	-	Tr	2.5	69	91	3
City (Bunhill Row)	90	·	·	abez	·	·	·	·	·	2.4	·	·	·
Westminster (St. James' Pk.)	37	·	·	·	50	36	27	-	-	3.5	69	94	·
Regent's Pk. (Botanic Gdns.)	108	·	·	·	·	·	·	·	·	2.8	·	·	·
Camden Square	110	cbcc	c	·	48	36	29	-	-	·	·	94	·
Kensington Palace	80	bc	bc	·	50	37	29	-	-	·	(At 18h 7.8)	91	·
Hampstead Observatory	450	·	·	·	49	32	23	Tr	Tr	5.5	·	98	·

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 7th

South Kensington

Max.	Time.	Min.	Time.
0.8	12h 6th	<0.3	2h 7th

Kew Observatory

Max.	Time.	Min.	Time.
< 0.3 whole period.			

Pole Star Record at Greenwich Obsy.

Exposure from 6th 17h. 15m. to 7th 6h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.0	8.15	64
δ Ursae Minoris	13.0	7.18	56

Code for State of Ground.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich times of sunrise, noon, and sunset.

7th & 8th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.1	11.37	16.12
	7.3	11.37	16.10
Greenwich	7.4	11.44	16.23
	7.6	11.44	16.21
Wick	7.43	11.56	16.9
	7.45	11.56	16.7
Valentia	7.47	12.25	17.2
	7.48	12.25	17.0

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
K Q line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain, rr = continuous rain.

Symbols.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☿ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; ~ = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

§ Telegraphic Code for Surface Visibility.

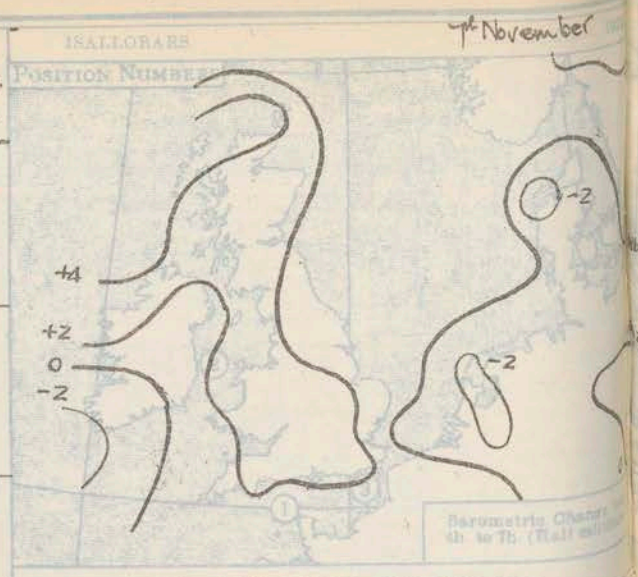
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	5½ „
7. Good.	13½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 6th	13h.-18h. 6th	18h. 6th to 1h. 7th	1h.-7h. 7th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 6th Hours.
Lerwick	cbc	b	cibrhq	oibrsq	44	33	•	—	—	2	<21.00	6.1
Stornoway	p	s-rs			44	33	•	11	*	6	•	0.6
Wick	pirhc	cbr	cbrcirs	cirs	43	36	•	3	<8.00	3	<21.00	•
Tiree	prco	prco	bcq	brq	43	40	39	2	<8.00	0.3	24.00	0.0
Nairn	cPybc	bcpr	bcqPR	cq	40	35	•	4	<8.00	4	22.00	0.0
Aberdeen	bbcc	crsrsb	bbc	brbr	44	35	32	6	13.30	3	24.00	3.9
Malin Head	cPhr	cPhr	bcbhR	bccPhqR	46	40	•	2	<8.00	8	<21.00	0.2
Renfrew	cxbcbc	cb	bcxbcx	bcbcbcm	43	27	20	Trace	11.00	0.1	6.30	2.2
Edinburgh (Inchkeith)	b	b	bcb	bc	42	38	31	0.5	11.00	—	—	2.3
Leuchars	bxbcbr	bcvc	cbbx	bxccr	41	29	23	1	11.00	Trace	6.30	2.5
Eskdalemuir	bccbc	bcbcm	bcbpbcp	cpbcx	~~44~~ 42	31	26	—	—	2	<21.00	3.5
Tynemouth	bc	bc	bcb	bcp	47	34	29	—	—	1	—	•
Blacksod Point ...	Phqc	Pqh	HqP	RqR	49	40	•	2	*	14	*	•
Donaghadee	bcpr	bcpr	prbc	bc	46	43	•	1	11.00	Trace	<21.00	•
Birr Castle	bcir	cirbc	bc	off	44	32	27	0.5	<8.00	—	—	0.0
Holyhead	cpr	irh	ipre	bccpr	47	41	39	3	<8.00	1	<21.00	0.8
Liverpool (Bidston) ...	bcpc	ompp	pbcc	cxbc	46	35	31	0.6	<8.00	0.5	<21.00	3.8
Chester (Sealand) ...	bbc	crorhw	rbc	bcmx	51	34	28	5	14.30	0.3	<21.00	4.5
Harrogate	bcb	b	b	cx	45	31	26	—	—	—	—	6.4
Spurn Head	b	bbc	c	p	~~50~~ 46	40	•	—	—	Trace	4.30	5.9
Birmingham (Edgbaston)	b	bcor	orR	orrc	48	35	34	2	16.30	20	<21.00	4.8
Cranwell	bbc	bbc	c	c	48	31	29	—	—	—	—	6.9
Gorleston	cprbc	bc	bbec	corr	49	40	32	Trace	9.00	20	~~<21.00~~ 2.30	6.2
Valentia (Cahirciveen)	bcob	obcbc	bcp	bcphq	49	39	33	1	<8.00	8	<21.00	2.9
Roches Point	cp	cvqpb	bx	bcrr	49	34	•	0.1	<8.00	4	2.30	•
Pembroke (St. Ann's H.)	cbcqP	cqPh	cPq	cqrr	50	38		4	9.00	19	<21.00	0.0
Ross-on-Wye	bbc	corRr	cbcc	cmpo	49	36	28	9	14.30	0.4	5.30	5.1
Leafield	bbcv	bcv	cdorc	om	46	35	30	—	—	0.5	<21.00	7.3
Winchester (Worthy Dn.)	bc	bccpr	crcbc	bcc	51	33	26	Trace	16.30	Trace	<21.00	5.2
S Farnborough ...	cbc	bc	bccpb	bbccm	51	33	28	—	—	0.1	<21.00	~~4.5~~ 4.6
London (Kew Obsy.) ...	bc	bcmw	bwbc	cxw	49	38	30	—	—	—	—	4.6
Croydon	bcbc	bc	bccpr	bcc	48	36	30	—	—	Trace	<21.00	4.0
Shoeburyness	bcm	bcm	bc	bccm	48	36	31	—	—	—	—	2.4
Clacton-on-Sea ...	bc	bc	bc	bcc	51	37	34	—	—	—	—	3.7
Felixstowe	bc	bcb	bcwpr	bccm	50	38	26	—	—	0.5	22.00	4.0
Lympne	c	cr	crorrc	bfx	48	33	29	Trace	17.30	3	<21.00	0.3
Scilly (St. Mary's) ...	cbccP	cbcP	bcp	bcP	50	38	•	1	11.00	2	<21.00	3.9
Falmouth (Pendennis)	crphq	bcphq	bccphq	cphq	52	40	•	1	<8.00	6	<21.00	4.3
Plymouth (Cattewater)	cbcq	bbcqbr	crpr	crrR	52	40	38	0.3	13.30	8	<21.00	4.3
Portland Bill	c	cbbc	cbccv	c	53	42	•	Trace	14.30	—	—	•
Southampton (Calshot)	c	bcprPhbc	bchw	bwbwq	50	34	31	3	14.30	Trace	—	3.1
Dungeness	c	cr	airrdc	bcbc	50	34	•	Trace	17.30	6	<21.00	•
Guernsey	cprcqcprcQ		cprhcq	cprhqV	50	42	•	1	<8.00	2	<21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
3	7th 2h	Arundel	WNW	5	R	50	57

GENERAL INFERENCE.

A large anticyclone extends southwards from Greenland and an area of low pressure covers most of Europe. Secondary depressions will continue to pass southwards across the British Isles and cause rain or sleet at times, but there will be fine periods in all districts.

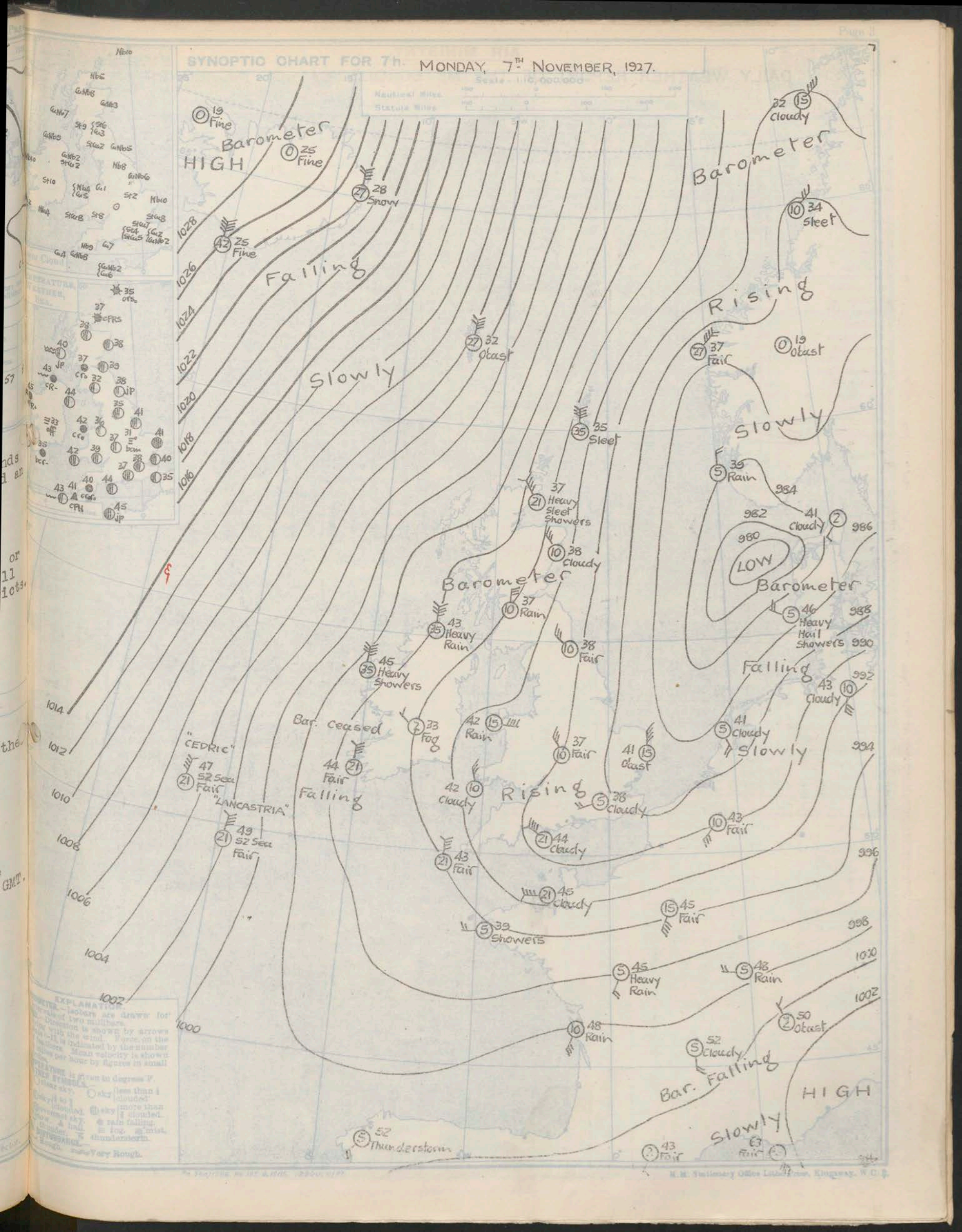
Monday, 7th November, 1927.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England	Moderate winds, mainly from between W. and N.W; occasional showers of rain or hail locally, some sunny periods; cold, frost locally at night.	Cold and rather unsettled for several days.
3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind between N.W. and N, moderate to fresh; occasional showers of rain or hail locally, some sunny periods; cold, frost locally at night.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind northerly, strong at times; occasional showers of rain, hail or sleet, snow locally on the hills; cold, frost locally at night.	▲ North Cone hoisted 0945 GMT. 6/11/27.
11. S.E. Scotland ▲ 12. S.W. Scotland & Isle of Man ▲ 13. (A. W. Scotland ▲ B. NW Scotland ▲) 14. Mid-Scotland 15. N.E. Scotland ▲ 16. Orkneys and Shetlands ▲ 17. N.W. Ireland ▲ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland ▲	Wind northerly, strong to a gale at times; occasional rain, hail or sleet, snow locally on the hills; cold, frost locally at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0955 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For note see page 1

†Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. MONDAY, 7TH NOVEMBER, 1927.
HIGH
Barometer
Falling
Slowly
Rising
Slowly
Barometer
Falling
Slowly
LOW
Barometer
Falling
Slowly
Bar. ceased
Falling
Rising
Bar. Falling
Slowly
HIGH
"CEDRIC"
"LANCASTRIA"
1028
1026
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994
992
990
988
986
984
982
980

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION ....Monday 7th November 1927. No. 311....

Stations.	Height above M.S.L. in feet.	1h. Barom. at M.S.L. mb.	1h. Change in 3 Hours	1h. Wind Direc.	1h. Wind Force 0-12	1h. Weather	1h. Temp. °F.	1h. Humidity %	1h. Visibility 0-9	1h. Low Cloud Height Feet	1h. Low Cloud Form	1h. Low Cloud Amt. 0-10	1h. Upper Form	1h. Total Amt. 0-10	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours	7h. Wind Direc.	7h. Wind Force 0-12	7h. Weather	7h. Temp. °F.	7h. Humidity %	7h. Visibility 0-9	7h. Low Cloud Height Feet	7h. Low Cloud Form	7h. Low Cloud Amt. 0-10	7h. Upper Form	7h. Total Amt. 0-10	Sea 0-9
Observations at		1h. G.M.T. 7th													7h. G.M.T. 7th													
Lerwick	54	992.6	+5	NE	6	c/p	41	65	7	4000	CuNb	5	A.Cu	10	993.7	0	N	7	o/Rso	35	97	7	4000	Nb	10	–	10	5
Stornoway	30	998.2	-12	N	6	/PH	•	•	7	•	•	•	•	•	999.4	+2	N	6	bcPH	35	85	7	~~4000~~	CuNb	7	–	7	
Wick	81	~~951.7~~ 991.7	+1	NNE	7	crs	43	85	8	1500	Nb	8	Ci.St	10	995.3	+4	NNW	5	c/PRS	37	92	8	1500	Nb	5	CiSt	8	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	995.5	+2	NE	7	bcjp	40	92	7	1500	CuNb	7	–	7	8
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	996.2	•	N	8	c/r	38	85	8	4000	CuNb	8	–	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	992.5	+2	NNW	3	c	38	85	8	1500	CuNb	3	ASb	9	1
Malin Head	51	993.0	+1	NNE	5	bc/ph	45	85	8	4000	Cu	4	–	4	996.0	+4	N	7	CR-	43	92	7	4000	CuNb	9	–	9	7
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	994.0	+1	N	3	CrG	37	75	6	2500	St	9	ASb	10	•
Edinburgh (Inchkeith)	190	990.8	+3	NNW	4	bw	39	75	9	–	–	0	A.Cu	2	991.0	+2	N	3	C+	39	85	8	1500	St	9	–	9	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	992.8	+2	N	3	CrG	37	85	8	1500	St	9	ASt	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	992.7	+2	N'E	2	bc	32	85	8	2500	StCu	2	CiSt	3	•
Tynemouth	67	989.7	+1	W	2	bc+	34	~~92~~ 97	7	2500	CuNb	4	–	4	990.1	+1	NW	3	bcjp	38	92	7	1500	CuNb	5	–	5	2
Blacksod Point	18	995.1	-3	N	7	c/PR+	42	65	6	•	Nb	10	–	10	996.5	+3	N	7	o/PR+	45	65	6	•	Nb	10	–	10	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	993.5	+2	NNE	4	bc+	44	92	8	4000	CuNb	4	–	4	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	994.0	•	NW	1	ffo	33	97	2	450	St	10	–	10	•
Holyhead	26	990.3	+1	N'E	5	bc-	45	85	8	2500	Cu	5	–	5	991.7	+3	E'S	4	CrG	42	97	7	1500	Cu	9	–	9	5
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	991.2	+2	NE	2	bc	36	85	7	2500	Cu	1	Ci	6	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	990.7	+3	NW	1	bc+	34	92	5	–	–	0	ci	6	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	991.0	0	W'N	1	c	35	92	7	4000	Nb	8	ACu	9	
Spurn Head	29	988.1	0	N	2	c	43	75	6	–	–	–	Ci.St	10	988.4	0	NW	4	c	41	92	6	4000	CuNb	6	ACu	8	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	990.5	+2	NNW	3	bc-	37	85	5	–	–	0	ACu	5	•
Cranwell	236	988.6	-1	NNE	1	c	36	92	6	4000	StCu	10	–	10	989.5	+2	NNW	3	moc	31	97	4	450	St	2	ACu	5	•
Gorleston	14	987.2	-3	E'N	2	c	44	85	7	–	–	0	ASt	10	986.8	+1	N	4	o/r	41	92	7	800	Nb	10	–	10	0
Valentia (Cahirciveen) P	30	999.8	-2	NNW	5	bc/ph	44	85	8	–	Cu	5	–	5	994.4	-2	N	5	bc	44	65	8	2500	StCu	2	ACu	3	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	994.2	-1	NW	2	bcf	35	97	8	1500	Nb	4	–	4	4
Pembroke (St. Ann's H.)	150	989.6	+3	NNW	5	cRR	41	92	7	1500	StCu	10	–	10	991.3	+1	N'W	3	c/r	42	85	8	2500	StCu	8	–	8	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	990.6	+3	NWN	2	c-	39	92	6	1500	St	8	CiCu	9	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	989.2	+2	N'W	2	o/r	36	97	6	800	St	10	–	10	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	988.3	+2	W	3	c	37	97	7	1500	StCu	10	–	10	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	989.2	+2	WSW	1	c	37	97	6	1500	StCu	10	–	10	•
London (Kew Obsy.)	18	•	•	•	•	•	40	•	•	•	•	•	•	•	988.9	+3	WSW	2	c	38	97	5	5700	StCu	7	ACu	8	•
Croydon	244	987.7	-1	SW'S	2	c	39	97	7	4000	StCu	8	–	8	988.8	+1	WSW	2	c	37	92	7	4000	StCu	7	ACu	9	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	988.6	+2	SW	2	bc	37	97	5	5700	Cu	2	ASt	6	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	987.5	+1	NW	3	c	40	92	6	5700	StCu	8	–	8	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	988.1	0	WNW	3	c	41	97	5	800	St	8	ACu	9	1
Lympne	350	987.5	-2	S	2	c/r	41	97	8	2500	Cu	8	–	8	988.6	+1	NW	3	ffb	33	97	3	–	–	0	–	0	•
Scilly (St. Mary's)	163	994.5	+1	N	6	bcjp	45	65	8	4000	Cu	5	–	5	993.3	+1	N	5	bc	43	65	9	4000	Cu	4	–	4	6
Falmouth (Pendennis)	200	991.4	0	NW'N	4	c/PH	44	75	7	4000	CuNb	8	–	8	993.0	+1	WNW	3	c/PH	41	85	7	4000	CuNb	8	–	8	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	991.8	+2	NW	4	CfGfG	40	92	7	1500	Nb	9	–	9	1
Portland Bill	32	987.1	0	W'N	5	c	47	75	8	2500	CuNb	8	–	8	988.7	+2	NW	5	c	44	75	8	2500	Cu	7	Ci	8	4
Southampton (Calshot)	10	988.0	0	W	3	b	38	92	8	–	–	0	–	0	983.5	+3	NWW	4	c+	39	85	7	1500	StCu	9	–	9	0
Dungeness	20	988.1	-2	–	0	bdfe	43	85	8	1500	CuNb	5	–	5	987.8	+3	WNW	1	bc	35	97	7	1500	Cu	4	–	4	2
Guernsey (Fort George) P	295	989.2	-2	WNW	3	bc-	47	92	7	2500	StCu	6	–	6	991.4	0	W	5	c/jp	45	75	9	2500	Cu	8	–	8	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th November

Stations. (1)	Weather Fore-noon. (2)	Weather After-noon. (3)	Temperature Min. 9h. 5th to 9h. 6th (4) °F	Temperature Max. 9h.-17h. 6th (5) °F.	Rainfall Night 17h.-9h. 5th-6th (6) mm.	Rainfall Day 9h.-17h. 6th (7) mm.	Sunshine Sunrise to Sunset 6th (8) hr.
Berwick-on-Tweed	bbc	cR	33	44	–	0.4	6.1
Douglas (I. o. M.)	bbce	cb	38	48	0.5	0.5	5.7
Llandudno	bcc	crrc	43	49	1	9	3.1
Colwyn Bay	orcb	bccror	40	49	2	5	3.2
Rhyl	bc	crc	38	50	1	2	4.0
Wallasey	ir bc	bbcbcf	41	50	8	1	2.3
Southport	ocr	crocol	*41	44	16	2	0.5
Blackpool	orh	cbc	41	45	6	1	1.6
Ilkley	bc	bc	33	46	13	–	3.8
Cleethorpes	bc	bw	37	47	–	–	6.2
Skegness	cbbc	bcbm	39	48	3	trace	6.7
Aberystwyth	pbcr	pbcc	44	45	2	3	1.1
Bath	bcb	bbcr	41	50	7	2	5.0
Cheltenham‖	bbc	cor	40	49	2	trace	6.3
Leamington Spa	bc	bc	38	48	0.4	–	6.3
Lowestoft	cbc	bcb	41	49	3	–	5.5
Felixstowe	bc	bc	44	50	1	–	3.8
Harwich & Dovercourt	bc	bc	42	49	1	–	3.7
Southend	bc	cbc	45	49	0.4	–	1.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcob	orr	45	50	1	11	1.8
Bude	cpbc	cpbc	43	47	7	8	2.5
Penzance	crb	bcprb	47	53	7	2	3.3
Paignton	cbc	rpb	44		–	–	4.9
Torquay	oc	bcpb	46	52	3	1	5.0
Jersey	rco	rq	50	53	8	5	0.0
Weymouth	bcb	bbcbcb	47	53	1	1	4.1
Bournemouth	bcbc	br	45	53	3	0.3	4.8
Ventnor	rcp	cr	(46)	51	11	trace	1.7
Portsmouth (S'thsea)	bc	bcpbc	47	51	5	1	2.5
Bognor	bcbc	bcbr	46	50	7	1	1.3
Littlehampton	bc	cr	46	50	3	1	1.3
Worthing	cbc	crc	45	50	8	0.3	1.0
Brighton	cbc	becor	47	51	11	trace	1.5
Eastbourne	coco	tlrH	46	54	11	5	0.5
Hastings‖	cbcc	co	45	53	11	–	0.0
Folkestone	o	ocm	45	49	4	–	0.0
Dover	c	c	46	49	3	–	0.0
Tunbridge Wells	oco	o	43	49	3	–	0.7
Ramsgate	o	c	45	52	4	–	0.6
Margate	bc	bcc	45	50	4	–	0.0
Deal	co	o	45	49	3	–	0.0

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* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24032 Tuesday 8th November 1927. Page 1.

Observations at 13h. G.M.T. 7th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	993·1	0	NNW	3	bc|s	37	85	8	4000	Cu	4	-	4	•
Stornoway	1000·5	-1	NNE	4	bc|pH	38	65	7	4000	CuNb	7	-	7	•
Wick	997·1	+1	WNW	4	c|ps$_o$	35	85	8	1500	CuNb	6	CiSt	8	•
Tiree	999·1	+1	N'E	7	bc	41	85	8	~~2500~~	CuNb	6	-	6	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	995·2	+1	NNW	3	bcjp	38	75	8	2500	CuNb	3	ASt	4	2
Malin Head	997·4	+1	N	7	ch(r)	43	85	8	4000	CuNb	7	ASt	9	•
Renfrew	997·4	+3	ENE	2	c	38	75	8	2500	StCu	5	ASt	10	2
Edinburgh (Inchkeith)	994·3	*	N	4	o	39	75	8	1500	St	10	-	10	•
Leuchars	996·0	+2	N	4	c	38	75	8	4000	St	10	-	10	1
Eskdalemuir	994·7	+3	N'E	4	c	37	75	7	1500	~~St~~ StCu	8	CiSt	9	2
Tynemouth	992·5	+1	NNE	2	orr	39	92	6	1500	Nb	10	•	10	•
Blacksod Point	999·7	+1	N	6	bc	45	65	7	*	CuNb	7	-	7	•
Donaghadee	995·5	+1	NE	5	bc|pr$_o$	43	97	8	2500	CuNb	6	-	6	•
Birr Castle	995·8	•	N	3	c-	45	75	7	1500	CuNb	6	Ci	8	•
Holyhead	994·4	+2	NE'E	3	bcjp	48	85	8	4000	Cu	6	-	6	2
Liverpool (Bidston)	993·4	+1	N'W	1	bc-	41	75	7	4000	StCu	3	Ci	4	•
Chester (Sealand)	993·1	+1	NNE	1	mbc	45	75	4	4000	StCu	4	Ci	6	2
Harrogate	992·5	+1	N'E	3	c+	43	75	8	4000	Nb	8	ACu	9	•
Spurn Head	990·7	+1	NW'W	4	bc|PR	46	85	8	4000	CuNb	5	-	5	•
Birmingham (Edgbaston)	992·7	+2	NW	3	mmbc	42	75	4	-	-	0	ASt	5	2
Cranwell	991·6	+1	NW'N	3	c	43	85	6	2500	Cu	4/7	ACu	9	0
Gorleston	988·9	+3	W	2	bc-	42	92	6	1500	Nb	3	Ci	5	•
Valentia (Cahirciveen)	997·8	0	N'E	4	bc	45	65	8	2500	StCu	4	ACu	6	2
Roches Point	996·8	+1	N	2	bc	43	92	8	2500	Cu	3	-	3	•
Pembroke (St. Ann's H.)	992·8	0	W	2	c	47	75	8	2500	StCu	5	ACu	8	•
Ross-on-Wye	993·2	+2	NNW	2	c|d	43	75	5	2500	St	1	ASt	9	2
Leafield	992·7	+3	NNW	3	bc-	40	85	7	4000	Nb	2	ACu	3	1
Winchester (Worthy Dn.)	992·7	+3	NW'N	2	c	42	92	6	1500	St	9	-	9	1
S. Farnborough	991·9	+3	NNW	1	c	43	85	6	1500	Nb	9	-	9	1
London (Kew Obsy.)	992·1	+3	NW	1	c	43	85	5	4000	StCu	10	-	10	2
Croydon	992·0	+3	W	2	orr$_o$	41	92	4	800	St	10	-	10	1
Shoeburyness	990·5	+2	NW	3	cd$_o$	43	85	8	1500	StCu	9	ACu	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	991·2	+2	NW'N	2	c-	43	85	7	1500	StCu	4	ACu	8	1
Lympne	991·0	+2	WNW	2	c+	43	85	7	4000	StCu	9	-	9	2
Scilly (St. Mary's)	994·9	0	SW'W	3	cv+	47	65	9	4000	StCu	8	-	8	•
Falmouth (Pendennis)	994·7	+1	W	2	bc|pr$_o$	44	85	8	4000	CuNb	3	Ci	5	•
Plymouth (Cattewater)	993·9	0	NNW	3	bc+	45	75	8	2500	CuNb	5	ACu	6	2
Portland Bill	992·2	+1	NW	3	c	46	75	5	1500	StCu	8	ACu	9	•
Southampton (Calshot)	993·0	+2	WNW	3	c-	43	85	6	1500	StCu	8	-	8	0
Dungeness	990·2	+2	WNW	2	c+	46	75	8	1500	StCu	8	-	8	•
Guernsey (Fort George)	993·9	+2	NNW	2	bcjp	45	85	8	2500	Cu	7	-	7	•

Observations at 18h. G.M.T. 7th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	996·5	+5	N	6	crs$_o$	38	92	7	4000	CuNb	5	ASt	10	•
Stornoway	1000·9	0	N	6	c|PS	34	97	7	4000	CuNb	8	—	8	5
Wick	997·8	+1	WNW	3	bc	33	85	8	1500	CuNb	3	CiSt	5	1
Tiree	1001·2	+2	NNW	6	cvjp	37	65	9	2500	CuNb	8	-	8	7
Nairn	999·3	•	-	0	bc-	33	75	8	4000	Cu	4	-	4	•
Aberdeen	997·7	+3	WNW	4	b	34	85	8	2500	CuNb	2	-	2	3
Malin Head	1000·9	+3	NNE	6	bcjp	42	75	8	4000	Cu	5	-	5	7
Renfrew	999·8	+3	WNW	1	bc-	35	75	7	-	-	0	ACu	4	•
Edinburgh (Inchkeith)	997·6	+3	N	2	bc∞	36	75	8	-	-	0	CiSt	7	0
Leuchars	998·7	+4	NW	1	bc∞	32	75	7	5700	StCu	2	ACu	6	•
Eskdalemuir	998·5	+6	N'E	3	cs$_o$	33	85	7	2500	St	4	ASt	9	•
Tynemouth	995·6	+3	N	4	o|rs	43	65	7	1500	Nb	10	-	10	6
Blacksod Point	1001·6	+2	N	6	bc	42	65	7	•	CuNb	3	-	3	7
Donaghadee	999·0	+4	ENE	7	c|pr$_o$	40	92	8	2500	CuNb	8	-	8	4
Birr Castle	998·3	•	N	2	c+	39	92	7	2500	Cu	4	ASt	10	•
Holyhead	996·7	+2	-	0	bc|pr$_o$	41	85	6	4000	CuNb	4	-	4	1
Liverpool (Bidston)	996·0	+4	NNE	2	b	40	85	6	4000	CuNb	1	-	1	•
Chester (Sealand)	995·7	+3	-	0	b	34	92	5	4000	StCu	2	-	2	•
Harrogate	995·0	+3	N	3	c	36	97	7	4000	Nb	9	ASt	10	•
Spurn Head	993·5	+5	NW'W	3	bc	44	85	8	4000	CuNb	4	-	4	2
Birmingham (Edgbaston)	996·3	+4	WNW	2	fbc+	39	85	2	-	-	0	Ci	4	•
Cranwell	994·0	+2	NW	2	bc	37	97	6	2500	StCu	2	ACu	4	•
Gorleston	993·1	+4	W	2	c	41	92	6	4000	Cu	9	-	9	0
Valentia (Cahirciveen)	999·8	+2	NE'N	2	c	42	85	8	2500	StCu	5	ACu	6	0
Roches Point	998·2	+2	ENE	3	bc	43	85	8	2500	Cu	3	-	3	1
Pembroke (St. Ann's H.)	995·2	+2	NNE	2	c	43	85	8	2500	StCu	5	ASt	8	1
Ross-on-Wye	996·1	+3	SW'S	1	b-	38	85	5	1500	St	1	CiCu	1	•
Leafield	996·0	+3	NW	1	bc	35	92	7	4000	StCu	2	ACu	3	•
Winchester (Worthy Dn.)	996·8	+4	W'N	1	c-	37	97	6	2500	StCu	6	ACu	8	•
S. Farnborough	995·6	+4	WNW	1	mc+	40	92	4	4000	StCu	9	-	9	•
London (Kew Obsy.)	995·9	+5	WNW	1	c|r	42	92	5	4000	St	8	ACu	9	•
Croydon	995·7	+5	W'S	1	mmc	39	92	4	4000	StCu	9	-	9	•
Shoeburyness	995·2	+5	-	0	bc-	41	92	5	-	-	0	ACu	6	•
Clacton-on-Sea	994·3	+5	W	3	bc	40	92	6	5700	StCu	6	-	6	1
Felixstowe	994·7	+6	NW	2	bc	42	92	6	-	-	0	ACu	5	0
Lympne	995·0	+4	NW	3	ffbc	38	97	3	-	-	0	ACu	4	•
Scilly (St. Mary's)	995·7	+1	ENE	3	bc|r	41	92	8	4000	Nb	5	-	5	4
Falmouth (Pendennis)	996·9	+1	WNW	1	c+	46	75	7	4000	CuNb	7	Ci	8	0
Plymouth (Cattewater)	996·1	+3	NNW	1	b-	41	85	8	2500	CuNb	1	Ci	1	0
Portland Bill	995·0	+2	-	0	bc-	43	75	6	2500	StCu	3	ACu	4	2
Southampton (Calshot)	995·7	+3	N	2	b-	41	85	6	-	-	0	-	0	0
Dungeness	995·2	+3	N	1	ifbc	40	97	5	800	St	5	-	5	2
Guernsey (Fort George)	996·6	+2	W'N	2	bcv	44	75	9	2500	Cu	7	-	7	3

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather (24 Hours ended 9h.) Morning.	Afternoon.	Night.	Temperature Max. Day. °F.	Min. Night. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Night.	Sunshine to Sunset. hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	cwm$_o$	bcmcm	bcmwf	44	30	26	Tr.	Tr.	0·0	*	*	1
Croydon } 24 hours ended 7h.	244	bcmof	bcmcrc	cmbffw	43	28	22	Tr.	-	0·6	*	*	0
Greenwich (Royal Obsy.)	149	bcgdm	cdg$_o$m	cbmof	43	29	24	Tr.	Tr.	0·0	81	100	0
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	46	39	28	-	-	0·0	82	90	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0·0	*	*	*
Camden Square	110	coc	coc	*	42	31	27	Trace		*	*	100	*
Kensington Palace	80	o	o	*	43	33	30	-	0·3	*	(At 18h) 91	90	*
Hampstead Observatory	450	*	*	*	41	26	21	Tr.	-	0·0	*	94	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 7th

South Kensington Max.	Time.	Min.	Time.
2·3	20h 7th	0·4	13h 7th

Kew Observatory Max.	Time.	Min.	Time.
1·1	21h 7th	<0·3	13h 7th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 7th 17 h 15 m. to 8th 6 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13·0	6·15	45
δ Ursae Minoris	13·0	4·01	31

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

8th & 9th November, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·3 7·5	11·37 11·37	16·10 16·9
Greenwich	7·6 7·8	11·44 11·44	16·21 16·19
Wick	7·45 7·47	11·56 11·56	16·7 16·4
Valentia	7·48 7·50	12·25 12·25	17·0 16·59

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
b(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⩀ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; — = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

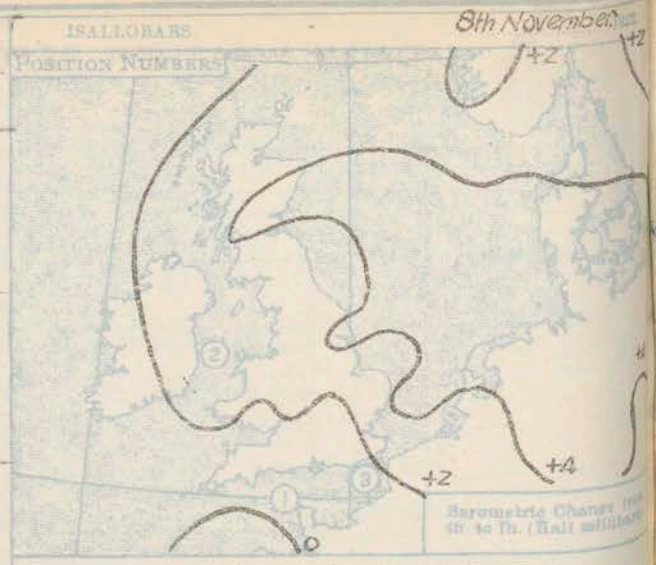
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 „	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 7th	Weather. 13h.-18h. 7th	Weather. 18h. 7th to 13h. 8th	Weather. 18h.-7h. 8th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall†. Day. mm.	Rainfall†. 7h.-18h. began.	Rainfall†. Night. mm.	Rainfall†. 18h.-7h. began.	Sun 7th Hours.
Lerwick	ci prs bc	bc i prs.	chs bc q	cos. hq	41	33	.	1	<8.00	Trace	2.30	3.8
Stornoway				5-rs	38	30	.	2	*	6	*	3.0
Wick	ps hc	c phs	ciRH	ciRH	39	32	.	0.2	<8.00	5	22.00	.
Tiree	prhq	pRhq	pr bc	prco	42	36	35	1	<8.00	1	<21.00	2.1
Nairn	cprshp	c bcx	bcspq	p.oc	38	29	.	1	9.00	5	22.00	1.7
Aberdeen	cr. bc	cpspsbpsbx	bcpS	bcps	39	31	26	0.4	9.00	3	<2.00	0.6
Malin Head	cir.	cbc	bc	bcir	44	36	.	1	<8.00	1	2.30	0.1
Renfrew	cr.3.	cps bc	bcbfx	bm.x	40	19	12	0.4	<8.00	-	-	0.0
Edinburgh (Inchkeith)	¶ pr c	c	cbcb	bbc	40	32	27	0.4	11.00	-	-	0.0
Leuchars	r. c	cbc	b	bxcpsbx	39	26	19	Trace	<8.00	0.1	-	0.0
Eskdalemuir	cpscp.	cprcps.	c	bcbx	38	21	13	0.1	9.00	-	-	0.0
Tynemouth	bcor	oiRS	oir.	cbc	43	34	30	16	<8.00	0.3	<21.00	.
Blacksod Point ...	Pq bc	Pob	pcbc	RpRc	49	38	.	3	*	4	*	.
Donaghadee	bc pr.	cpr.	pr. bc	bc	45	35	.	0.4	11.00	Trace	<21.00	.
Birr Castle	c	t	bx	rR	45	26	16	-	-	-	-	2.5
Holyhead	bc pr.	bc pr.	ctlrRS	rR	49	35	34	0.1	11.00	35	<21.00	4.4
Liverpool (Bidston) ...	bcc	bc b	bbcc	cofW	44	36	32	-	-	-	-	4.5
Chester (Sealand) ...	bc m.	bc bm.	bmx	bxff	45	31	23	-	-	-	-	1.4
Harrogate	cbbcc	cbcc	cbccid.	c	43	33	30	-	-	0.1	<21.00	2.2
Spurn Head	bc pr	bcPHRq	b-bc	p	47	38	.	3	9.00	2	2.30	3.4
Birmingham (Edgbaston)	bc m	mbcf	sbcsb	sbFo	44	33	26	-	-	-	-	0.4
Cranwell	c	cbbc	c	c	45	33	30	-	-	-	-	4.3
Gorleston	orr	bc c	cbc	bffoc	46	34	33	5	9.00	Trace	2.30	1.5
Valentia (Cahirciveen)	bcbv	bc p.	cobb	bWbR	46	35	25	0.4	15.30	1	<2.00	4.1
Roches Point	bcrbc	bc	bcx	bx	46	36	.	0.1	<8.00	-	-	.
Pembroke (St. Ann's H.)	c bc	c	bc	bcm.	48	39	.	-	-	-	-	1.8
Ross-on-Wye	comdm	czbcg	bmxfx	ofFx	43	28	21	Trace	12.30	-	-	0.0
Leafield	pir. phbc	bcbxc	bc F	bx	42	27	21	0.2	9.00	-	-	2.4
Winchester (Worthy Dn.)	cm.	cmprcm	cmbcbm	bbcmx	42	25	19	0.2	15.30	-	-	0.0
S. Farnborough ...	cm.	cir.m	comwf	bfoFx	43	24	21	Trace	15.30	Trace	-	0.0
London (Kew Obsy.) ...	cvvm.	cr.mcm	bcmuf	fxofw	44	30	26	Trace	12.30	Trace	5.30	0.0
Croydon	chmomr	comr.c	cmbffx	bffFx	43	28	22	Trace	12.30	-	-	0.6
Shoeburyness	bmoid	o	bm	bmf	46	27	23	Trace	13.30	-	-	1.8
Clacton-on-Sea ...	cbc c	cbcm	bcm	bcmx	44	30	28	-	-	-	-	1.5
Felixstowe	cr.c	cbcm.	bcm.	bcmcf	45	32	29	Trace	9.00	Trace	-	1.0
Lympne	pfxbcmoad	mbcf	cdoF	oFbxom	45	31	22	Trace	14.30	Trace	<21.00	2.3
Scilly (St. Mary's) ...	bcp.	ciR	bcid.	bc	50	40	.	5	9.00	0.1	<2.00	3.5
Falmouth (Pendennis)	cycphrq	bcr.c	cbcpf	bcpf	50	39	.	0.3	9.00	1	22.00	4.7
Plymouth (Cattewater)	cprbc	bcpr.b	b.crr	cf.bcx	46	36	30	0.1	<8.00	1	24.00	3.0
Portland Bill	cm.	cfl.bc	cilp.bc	bcicf	47	40	.	Trace	16.30	1	22.00	.
Southampton (Calshot)	cm.	cbcbmw	bmwFF	ofFcm	44	35	26	-	-	Trace	-	0.4
Dungeness	bcc	cbm3	bmm	bmmofx	46	28	.	-	-	-	-	.
Guernsey	cprhqbc	bcv	cbcbbc	bcc	49	42	.	0.4	<8.00	-	-	5.4



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	7th 10h	Scotia	N	6	rS.	48	54
3	8th 2h	Dieppe	NW	2	bctl	48	57

General Inference.

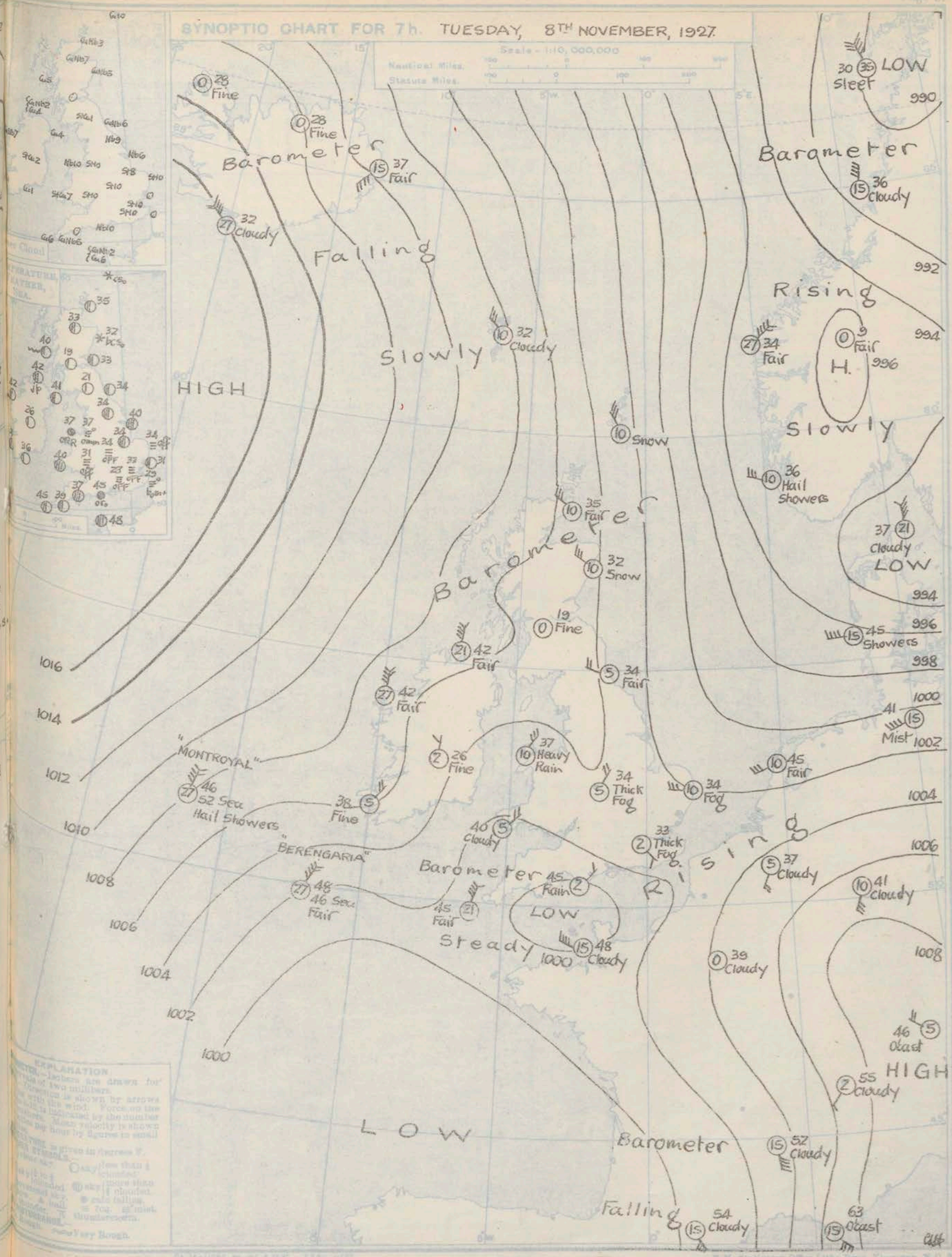
Secondary depressions will probably move southwards from the Arctic Ocean across the British Isles and the North Sea and cause further falls of snow in Scotland and locally on high ground in Ireland and Northern England. Winds will be mainly northerly and may become strong at times in all districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 8th November, 1927.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light and variable today, probably becoming north-west tomorrow; fair apart from fog, which will be fairly general tonight; continuing cold, frost in most places at night.	Continuing cold and rather unsettled for several days.
5. S.W. England 6. South Wales 7. North Wales	Wind N.E. to N, moderate to fresh, becoming light tonight; mainly fair, but local fog tonight and tomorrow morning; cold, frost in most places at night.	
8. N.W. England 9. N. Midlands	Wind northerly, light to moderate, today, probably backing to northwest tomorrow and freshening; local rain or showers today, some fog tonight and tomorrow morning; cold, frost in most places at night.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A. W. Scotland, B. NW. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind N., backing to N.W, moderate to fresh, stronger at times tomorrow, mainly fair today, probably considerable falls of snow on high ground tomorrow; cold, frost in most places at night.	
19. S.E. Ireland 20. S.W. Ireland	Wind N. backing to N.W, moderate to fresh; mainly fair; mist or moderate fog locally tonight; cold, frost in most places at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1010 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amounts less than 0·1 mm.


SYNOPTIC CHART FOR 7h. TUESDAY, 8TH NOVEMBER, 1927.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
Barometer
Falling
Slowly
Rising
Slowly
Barometer
Rising
Steady
Barometer
Falling
LOW
H.
"MONTROYAL"
"BERENGARIA"
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994
992
990
1000
1002
1004
1006
1008

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION......Tuesday 8th November...1927. No.312....

Observations at 1h. G.M.T. 8th / Observations at 7h. G.M.T. 8th

STATIONS.	Height above M.S.L. in feet.	1h Barom. at M.S.L. mb.	1h Change in 3 Hours	1h Wind Direc.	1h Wind Force 0-12	1h Weather	1h Temp. °F.	1h Humidity %	1h Visibility 0-9	1h Low Cloud Height Feet	1h Low Cloud Form	1h Low Cloud Amt. 0-10	1h Upper Form	1h Total Amt. 0-10	7h Barom. at M.S.L. mb.	7h Change in 3 Hours	7h Wind Direc.	7h Wind Force 0-12	7h Weather	7h Temp. °F.	7h Humidity %	7h Visibility 0-9	7h Low Cloud Height Feet	7h Low Cloud Form	7h Low Cloud Amt. 0-10	7h Upper Form	7h Total Amt. 0-10	Sea 0-9
Lerwick	54	1001.2	+4	N	4	bc/s(h)	36	75	7	4000	Cu	7	–	7	1002.3	+2	NNW	3	Cso	(34)	85	7	4000	Cu	10	–	10	·
Stornoway	30	1005.4	+5	N	6	PRS	·	·	7	·	·	·	·	·	1006.8	+2	N	3	bc/s(h)	34	75	7	4000	CuNb	4	ACu	6	2
Wick	81	1002.1	+4	NNE	6	CKQh	39	65	8	1500	CuNb	8	–	8	1004.9	+2	NW	3	bc	35	85	8	1500	CuNb	3	CiSt	5	4
Tiree	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1006.1	+2	N'W	6	bc	40	65	9	4000	Cu	5	–	5	6
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·	1006.3	·	N	2	bc/s(h)	33	85	8	4000	CuNb	7	–	7	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·	1004.4	+4	NW'W	3	bcso	32	92	7	2500	CuNb	5	–	5	1
Malin Head	51	1003.0	+1	N	5	bc	42	85	8	4000	Cu	5	–	5	1006.3	+3	N	5	bcjp	42	92	8	4000	Cu	6	–	6	5
Renfrew	36	·	·	·	·	·	·	·	·	·	·	·	·	·	1005.9	+4	–	0	b	19	97	6	–	–	0	ACu	1	·
Edinburgh (Inchkeith)	190	1001.4	·	WNW	2	b	34	65	8	–	–	0	–	0	1004.9	·	W	2	(bc)	33	85	8	4000	Stcu	4	ACu	6	1
Leuchars	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1005.0	+3	W	2	bc+	29	92	8	4000	Stcu	4	–	4	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·	1005.3	+2	–	0	b	21	85	8	2500	Stcu	1	–	1	·
Tynemouth	67	1000.3	+3	NW	2	cjp	35	92	7	1500	Nb	9	–	9	1003.7	+3	WNW	2	bc	34	85	7	1500	CuNb	6	–	6	6
Blacksod Point	18	1005.9	+3	N	3	bc	42	65	7	·	CuNb	6	–	6	1006.7	0	N	6	bc	42	85	7	·	CuNb	7	–	7	6
Donaghadee	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1004.7	+2	NE	3	bc-	41	85	8	4000	Cu	4	–	4	2
Birr Castle	173	·	·	·	·	·	·	·	·	·	·	·	·	·	1005.1	·	N	1	b-	26	92	7	2500	Stcu	2	–	2	·
Holyhead	26	1000.3	+4	N'E	4	cro	40	92	7	1500	Nb	9	–	9	1003.7	+4	NNE	3	oRR	37	97	5	800	Nb	10	–	10	3
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.7	+2	E	1	mmo	37	85	4	1500	St	10	–	10	·
Chester (Sealand)	16	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.1	+3	ESE	1	Sfo	34	97	3	450	St	10	–	10	·
Harrogate	478	·	·	·	·	·	·	·	·	·	·	·	·	·	1004.1	+2	N	1	c	34	85	7	4000	Nb	9	–	9	·
Spurn Head	29	998.2	+2	W'N	5	bc+	41	92	7	4000	CuNb	5	ACu	7	1001.8	+4	NW'W	5	c	40	92	8	1500	Nb	6	CiSt	8	4
Birmingham (Edgbaston)	535	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.3	+2	NE	2	FFo	34	97	1	450	St	10	–	10	·
Cranwell	236	1000.3	+6	NW	3	c	35	97	6	800	St	10	–	10	1003.1	+4	WNW	3	c	34	97	6	800	St	8	ASt	9	·
Gorleston	14	998.7	+5	W'S	3	b-	36	92	6	1500	CuNb	1	CiCu	2	1002.0	+3	W'N	3	Sfo	34	97	3	800	St	10	–	10	0
Valentia (Cahirciveen) ℙ	30	1005.3	+3	NNE	4	bc+	38	65	9	-	Cu	3	–	3	1006.4	+1	NE'N	2	b	38	65	8	4000	Cu	1	–	1	0
Roches Point	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1005.0	+3	N	2	b	36	85	8	2500	Cu	1	–	1	1
Pembroke (St. Ann's H.)	150	999.2	+2	NE	2	bc	39	92	7	4000	Cu	4	ACu	5	1001.2	+2	NE	2	c+	40	92	7	2500	Stcu	7	ASt	9	0
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.1	+1	NNW	1	Sfo	31	97	3	220	St	10	–	10	·
Leafield	612	·	·	·	·	·	·	·	·	·	·	·	·	·	1002.9	+2	2	0	FFo	29	97	0	450	St	10	–	10	·
Winchester (Worthy Dn.)	272	·	·	·	·	·	·	·	·	·	·	·	·	·	1002.5	+1	N	1	c+	28	97	5	4000	Stcu	6	ACu	8	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·	1002.7	+1	–	0	FFo	28	97	1	<150	St	10	–	10	·
London (Kew Obsy.)	18	·	·	·	·	·	35	·	·	·	·	·	·	·	1003.2	+1	SE	1	FFo	33	97	1	<150	St	10	–	10	·
Croydon	244	1001.0	+4	SSW	1	Sfb	31	97	3	–	–	0	–	0	1003.0	+1	SE	1	Fb+	29	97	1	–	–	0	–	0	
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.5	+2	WNW	2	FFb	29	97	1	–	–	0	–	0	·
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.1	+2	WNW	2	bc	31	92	6	–	–	0	ASt	5	1
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.6	+4	NNW	1	FFo	33	97	1	220	St	10	–	10	0
Lympne	350	1000.7	+5	NW	3	FFo	33	97	0	<150	St	10	–	10	1003.1	+2	NE	2	c+	36	97	6	800	Stcu	9	–	9	·
Scilly (St. Mary's)	163	1000.1	+4	W	2	bcjp	42	85	9	4000	Cu	5	–	5	1000.9	0	N'E	5	bc	45	75	8	4000	Cu	6	–	6	4
Falmouth (Pendennis)	200	998.3	+2	NNE	2	bc/pro	43	85	8	4000	CuNb	4	ACu	6	1000.0	0	N'E	2	bc	39	92	8	4000	CuNb	5	CiSt	7	0
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·	1000.0	0	NNE	2	c+	37	97	8	–	–	0	Ci	8	1
Portland Bill	32	998.8	+2	SSE	2	bc-	46	75	8	2500	Stcu	3	Ci	4	999.6	+1	NE	1	oro	45	85	6	1500	Nb	10	–	10	1
Southampton (Calshot)	10	1000.7	+3	NNW	1	FFo	38	97	0	<150	St	10	–	10	1002.1	+1	N'E	1	bc-	37	92	6	4000	Stcu	4	ACu	7	0
Dungeness	20	1000.5	+5	NW	1	mmb	36	97	4	–	–	0	–	0	1002.4	+3	NE	1	ffmb	29	92	3	–	–	0	–	0	2
Guernsey (Fort George) ℙ	295	1000.0	+3	SSW	1	bc+	44	75	9	2500	Stcu	4	–	4	999.7	-1	WNW	4	c	48	75	9	2500	Cu	8	–	8	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th November

STATIONS. (1)	WEATHER. Fore-noon. (2)	WEATHER. After-noon. (3)	TEMPERATURE. Min. 9h 6th to 9h 7th (4) °F	TEMPERATURE. Max. 9h.-17h. 7th (5) °F.	RAINFALL.† Night 17h.-9h. 6th-7th (6) mm.	RAINFALL.† Day 9h.-17h. 7th (7) mm.	SUNSHINE. Sunrise to Sunset. 7th (8) hr.
Berwick-on-Tweed	R	Prc	38	42	9	6	0.0
Douglas (I. o. M.)	b,c	prh	38	45	–	1	5.0
Llandudno	ccb	cbcrc	36	47	9	0.5	2.2
Colwyn Bay	rRcb	bbcrc	36	49	12	2	2.2
Rhyl	cbc	bc	34	47	0.2	–	2.5
Wallasey	bbc	bcbbc	35	46	1	–	4.4
Southport	bccbc	b	*31	45	–	–	5.3
Blackpool	c	bcc	32	45	–	–	5.5
Ilkley	cbc	bc	26	47	–	–	2.3
Cleethorpes	cb	bc	35	47	–	–	4.4
Skegness	bcwbc	bccrcbcl	37	46	Trace	1	1.7
Aberystwyth	pzbc	bcc	36	47	2	–	4.0
Bath	mc	r₀cbc	39	43	1	Trace	0.0
Cheltenham‖	oirm	cbcce	36	44	7	0.3	0.4
Leamington Spa	cb	cbm	38	45	4	–	1.0
Lowestoft	ccrc	cbc	39	44	15	2	0.9
Felixstowe	cmc	bc	39	44	0.2	Trace	1.0
Harwich & Dovercourt	bcm	bcm	37	44	Trace	–	1.1
Southend	bco	o	37	44	–	–	1.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	c	co	43	46	0.4	–	0.9
Bude	cbcp	cbc	41	46	4	4	0.3
Penzance	b	bc	41	52	4	–	5.4
Paignton	cbc	cm	38	?	1	–	6.7
Torquay	bcw	bcc	39	50	0.6	–	6.4
Jersey	cqhbc	qc	44	50	6	2	2.8
Weymouth	c	cbcm	36	46	Trace	–	1.0
Bournemouth	c	o	35	44	0.3	–	0.3
Ventnor	rc	bcu	37	44	0.3	–	3.9
Portsmouth (S'thsea)	oc	obc	37	45	2	–	1.4
Bognor	xbcc	cbcc	34	46	1	–	3.0
Littlehampton	bc	bc	33	45	1	–	3.7
Worthing	bcc	c	33	43	3	–	2.4
Brighton	bcc	cpbc	36	44	5	Trace	1.9
Eastbourne‖	cmoc	bccbcm	35	46	2	–	3.7
Hastings‖	cmbcc	cbccm	35	46	6	–	3.5
Folkestone	c	m	35	48	10	–	2.4
Dover	mcbbc	bccm	36	49	11	–	3.6
Tunbridge Wells	bcop	opo	33	41	3	0.3	1.0
Ramsgate	bbc	bcc	36	48	2	–	5.0
Margate	bc	bcc	36	47	3	–	4.8
Deal	b	bcc	34	47	4	–	5.8

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* Information not usually received. ℙ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24093 Wednesday 9th November 1927.

Observations at 13h. G.M.T. 8th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1002.0	-1	NW	2	cjp	35	75	8	4000	Cu	5	CiSt	8	*
Stornoway	1009.4	0	NNE	3	bcrs₀	37	85	7	4000	CuNb	7	-	7	*
Wick	1006.8	+2	WNW	3	c	36	92	8	1500	CuNb	6	CiSt	8	*
Tiree	1009.8	+1	N'E	5	cvjp	43	65	9	2500	CuNb	8	-	8	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1006.7	+2	NW	4	bjp	35	92	8	2500	CuNb	2	-	2	7
Malin Head	1003.3	+1	NNE	4	bc|pr	40	97	9	4000	CuNb	3	CiCu	3	*
Renfrew	1008.3	0	NNE	2	bcv	[illegible]	55	9	-	-	0	Ci	3	3
Edinburgh (Inchkeith)	1006.8	*	NNW	2	b	39	65	8	-	-	0	ACu	2	*
Leuchars	1007.7	+1	NNW	3	b	40	55	8	4000	Cu	1	Ci	2	3
Eskdalemuir	1006.8	+1	N'E	4	b	36	65	7	4000	StCu	1	-	1	3
Tynemouth	1006.4	+3	NW	3	cjp	38	92	7	1500	Nb	9	-	9	*
Blacksod Point	1009.5	+1	NE	5	c	41	75	7	*	CuNb	8	-	8	*
Donaghadee	1008.4	+1	NE	4	bc+	42	92	8	4000	CuNb	3	-	3	*
Birr Castle	1006.2	*	NNE	4	bc+	41	65	7	4000	Cu	4	-	4	*
Holyhead	1005.5	+2	NE'N	5	cjp	41	85	8	800	St	9	-	9	2
Liverpool (Bidston)	1005.3	0	-	0	ifc	38	85	3	2500	St	10	-	10	*
Chester (Sealand)	1004.9	+1	-	0	c	40	85	5	4000	StCu	9	-	9	1
Harrogate	1006.0	+1	N	2	b	39	65	7	-	-	0	ACu	1	*
Spurn Head	1003.9	0	NW	4	bc	45	75	8	4000	Cu	7	-	7	*
Birmingham (Edgbaston)	1004.8	0	NE	3	fb-	40	85	3	2500	Cu	2	-	2	2
Cranwell	1004.8	0	N'E	3	c+	44	85	7	2500	Cu	8	-	8	0
Gorleston	1003.9	0	W'S	3	c-	40	85	6	-	-	0	ASt	9	*
Valentia (Cahirciveen)	1006.6	-1	NE'N	4	bv	44	55	9	2500	Cu	1	-	1	5
Roches Point	1006.3	0	N	2	bv	41	75	9	2500	Cu	2	-	2	*
Pembroke (St. Ann's H.)	1002.4	0	E	2	bc	43	85	6	2500	StCu	4	ASt	7	*
Ross-on-Wye	1004.4	+1	ENE	2	ffo	35	97	3	450	St	10	-	10	2
Leafield	1004.0	0	NNE	3	FFO	34	97	1	<150	St	10	-	10	1
Winchester (Worthy Dn.)	1002.9	-1	NNE	2	mmc	37	97	4	5700	StCu	8	ASt	10	2
S. Farnborough	1003.3	-1	NE'N	2	ffo	34	97	2	<150	St	10	-	10	1
London (Kew Obsy.)	1004.0	-1	N'E	3	fo-	36	97	2	<150	St	10	-	10	2
Croydon	1004.0	-1	NE'N	2	FO-	35	97	1	<150	St	10	-	10	1
Shoeburyness	1004.2	-1	NE	3	ffo	36	97	2	450	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1005.0	-1	NNE	4	fo-	36	97	3	220	St	10	-	10	5
Lympne	1002.7	-1	NNE	3	mmc	42	97	4	2500	StCu	5	ASt	10	2
Scilly (St. Mary's)	1000.1	-2	NNE	5	c+	47	75	8	4000	Cu	8	-	8	*
Falmouth (Pendennis)	999.0	-1	NNE	4	c	48	65	8	4000	CuNb	4	ASt	8	*
Plymouth (Cattewater)	999.3	-3	ENE	6	c	47	75	7	4000	Cu	1	ASt	10	2
Portland Bill	999.8	-1	NE	4	dr₀	45	85	5	1500	Nb	10	-	10	*
Southampton (Calshot)	1001.7	-2	NE	4	c	46	75	6	4000	Cu	8	ASt	10	0
Dungeness	1002.6	-3	SE	2	c|f	48	75	7	1500	Cu	3	ASt	10	*
Guernsey (Fort George)	999.7	-2	SE	4	cv	49	65	9	2500	Cu	3	ASt	9	*

Observations at 18h. G.M.T. 8th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	997.2	-9	W	2	cr₀	40	85	7	4000	Nb	5	ASt	9	*
Stornoway	1008.7	-1	N	1	c	36	85	7	4000	CuNb	9	-	9	1
Wick	1005.8	0	WNW	2	c	36	85	8	1500	CuNb	6	ACu	8	1
Tiree	1009.8	0	N'E	5	bcvjp	41	55	9	2500	CuNb	7	-	7	4
Nairn	1007.9	*	-	0	b-	31	85	8	-	-	0	ACu	2	*
Aberdeen	1007.1	0	W	4	b	34	85	8	5700	StCu	1	-	1	1
Malin Head	1009.8	+1	NNE	4	bc|pr	43	65	8	4000	Cu	6	-	6	4
Renfrew	1009.5	+3	-	0	b	32	97	5	-	-	0	-	0	*
Edinburgh (Inchkeith)	1008.2	*	NW	2	b-	35	85	8	5700	Cu	1	-	1	1
Leuchars	1008.7	+2	WNW	3	b	28	85	8	-	-	0	-	0	*
Eskdalemuir	1009.6	+3	N'W	3	b	27	86	7	4000	StCu	1	-	1	*
Tynemouth	1007.7	+2	NW	2	bc|rs	35	85	7	1500	CuNb	5	-	5	6
Blacksod Point	1010.2	+1	N	6	c	43	75	7	*	CuNb	8	-	8	6
Donaghadee	1009.1	+1	NE	3	bc-	42	85	8	4000	CuNb	5	-	5	2
Birr Castle	1007.5	*	N	3	b-	35	85	8	2500	Cu	1	ACu	2	*
Holyhead	1006.0	+1	NE	5	bc-	43	75	8	4000	StCu	5	-	5	4
Liverpool (Bidston)	1006.5	+2	NE'E	4	bc+	38	75	5	-	-	0	ACu	3	*
Chester (Sealand)	1005.8	+2	NE'E	3	fb-	37	75	4	4000	StCu	2	-	2	*
Harrogate	1007.2	0	N	1	b	34	85	7	-	-	0	ACu	1	*
Spurn Head	1004.5	0	N'E	5	bc	43	75	8	4000	CuNb	4	CiCu	7	6
Birmingham (Edgbaston)	1005.4	+1	NE	3	mmc	39	75	4	2500	StCu	9	-	9	*
Cranwell	1006.7	+2	N	3	bc	37	92	6	4000	StCu	7	-	7	*
Gorleston	1003.2	0	NW	1	c	41	92	6	1500	CuNb	6	ASt	9	0
Valentia (Cahirciveen)	1007.7	+2	NE'N	5	bc	41	65	8	2500	StCu	5	-	5	3
Roches Point	1005.6	0	N	2	bc	38	75	8	2500	Cu	2	-	2	1
Pembroke (St. Ann's H.)	1002.4	0	E	4	c+	40	85	6	2500	StCu	7	ASt	9	1
Ross-on-Wye	1004.1	0	NE	2	mmc	39	85	4	800	St	10	-	10	*
Leafield	1003.6	+1	NE'N	3	bc	36	97	6	4000	StCu	7	-	7	*
Winchester (Worthy Dn.)	1002.2	+1	NNE	4	fo-	36	97	4	2500	St	10	-	10	*
S. Farnborough	1002.8	+1	NE	3	mofd	36	97	4	800	St	10	-	10	*
London (Kew Obsy.)	1003.7	+1	NE	3	ffo	38	92	3	<150	St	10	-	10	*
Croydon	1003.6	+1	NE'N	3	fo-	37	97	3	<150	St	10	-	10	*
Shoeburyness	1003.3	-1	NE	3	fo-	37	97	3	800	St	10	-	10	*
Clacton-on-Sea	1003.4	0	WNW	3	fo-	37	97	6	4000	St	10	-	10	2
Felixstowe	1004.0	0	NNE	3	mmc	38	97	4	4000	StCu	6	ASt	10	0
Lympne	1002.3	0	N'E	3	c	41	97	6	2500	StCu	2	ASt	10	*
Scilly (St. Mary's)	998.4	-1	NNE	6	c	47	85	8	4000	CuNb	8	-	8	4
Falmouth (Pendennis)	997.3	-2	NE	5	c|PR	44	86	8	4000	CuNb	4	CiSt	10	2
Plymouth (Cattewater)	998.8	0	NE	5	od₀	43	85	6	800	St	10	-	10	0
Portland Bill	998.7	-1	ENE	5	o	42	85	5	2500	St	10	-	10	4
Southampton (Calshot)	1001.3	+1	NNE	5	ffc	41	92	3	4000	StCu	10	-	10	0
Dungeness	1001.8	+2	E	2	c	47	75	7	1500	Cu	5	ASt	10	2
Guernsey (Fort George)	996.8	-2	SE	7	c	48	65	8	2500	Cu	4	ASt	10	6

London Observations.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	ofgw	ofgw	ofwmcm	38	38	36	Tr.	Tr.	0.0	*	*	5
Croydon }	244	bofgm	ofgm	ofgmc	37	36	35	-	0.4	0.0	*	*	4
Greenwich (Royal Obsy.)	149	of₀	ofm	oc	39	38	35	-	-	0.0	58	73	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	42	34	32	-	-	0.0	60	73	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	f	coc	*	37	37	35	-	-	*	*	81	*
Kensington Palace	80	of	o	*	37	38	36	-	-	*	At 18h. 91	73	*
Hampstead Observatory	450	*	*	*	42	33	29	-	Tr.	0.0	*	79	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended ..h. G.M.T. 9th

South Kensington Max.	Time.	Min.	Time.
1.5	10h 8th	<0.3	3h 9th

Kew Observatory Max.	Time.	Min.	Time.
1.3	11h 8th	<0.3	5h 9th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th 17h 15m. to 9th 6h 15m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.0	Nil	Nil
δ Ursae Minoris	13.0	Nil	Nil

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

9th & 10th November 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.5 7.7	11.37 11.37	16.9 16.7
Greenwich	7.8 7.10	11.44 11.44	16.19 16.18
Wick	7.47 7.50	11.50 11.50	15.4 15.2
Valentia	7.50 7.52	12.25 12.25	16.53 16.54

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. l intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix ₀ indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⊕ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
"|" divides actual existing weather from preceding conditions, thus—b|r = fair weather after rain.
— = not increased. + = increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 33 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0 = no swell }
1 = mod. swell } calm or slight sea.
2 = heavy swell }
3 = no swell }
4 = mod. swell } Moderate sea.
5 = heavy swell }
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = precipitous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

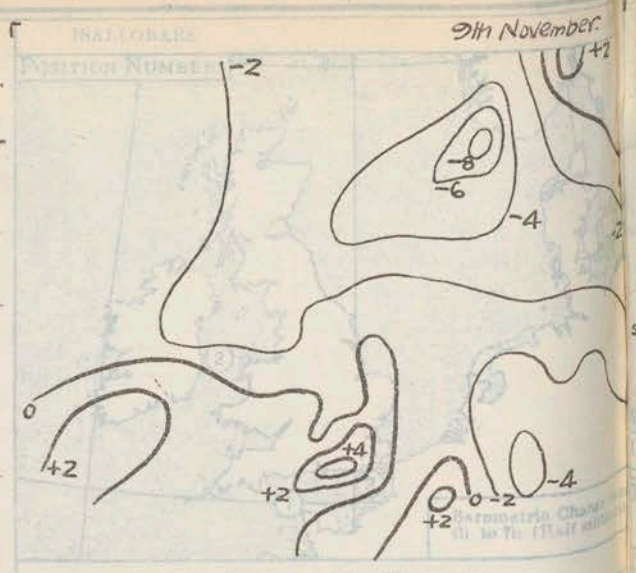
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 miles.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 8th	18h.-18h. 8th	18h. 8th to 18h. 9th	18h.-7h. 9th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 8th Hours.
Lerwick	cops.c	cor.	cprs.q	cprs.q	41	32	.	1	<8.00	3	<21.00	2.6
Stornoway	c	c	h-rh		39	35	.	0.2	*	1	*	3.9
Wick	PHsc	cpshc	cprs	cprs	38	32	.	3	11.00	4	<21.00	.
Tiree	prco	bcco	bc	prhbc	43	37	35	Trace	<8.00	2	1.30	4.0
Nairn	bc	bcbx	bcprsq	cq	36	30	.	-	-	0.4	22.00	4.4
Aberdeen	bccps.b	bcps.b	bbcb	cprsph	35	32	27	0.1	<8.00	2	4.30	6.3
Malin Head	bcpr.	bcpr.	bcjpbc	bcpr.	44	39	.	0.3	<8.00	0.1	2.30	4.5
Renfrew	bxfbc	bcyb	bm.x	bcbx	39	24	15	-	-	-	-	4.4
Edinburgh (Inchkeith)	b	bcb	bcm	m.c	39	33	27	-	-	Trace	6.30	6.5
Leuchars	b-bc	b-bc	bbcx	b, cx	40	27	21	-	-	-	-	7.3
Eskdalemuir	bxbrsb	b	bbx	bxcprs	36	20	15	0.2	9.00	0.4	6.30	7.9
Tynemouth	cir.	oirs	bcb	bc	40	29	25	2	11.00	-	-	.
Blacksod Point ...	Pq bc	Hq bc	Pq bc	Pcc	45	40	.	5	*	1	*	.
Donaghadee	bc	bc	bc	cpr.	43	36	.	-	-	0.4	4.30	.
Birr Castle	bbc	bcb	bx	bcx	41	25	15	-	-	-	-	5.4
Holyhead	RSRRip	cjp	bcc	bcb	44	40	37	7	<8.00	-	-	1.0
Liverpool (Bidston) ...	r.gif	pfcmb	bbccb	bbx	40	30	23	(Trace)	-	-	-	0.0
Chester (Sealand) ...	cfmm.	cmmfm	bmx	bm.x	40	27	19	-	-	-	-	0.4
Harrogate	cb	bbccph	b	bx	40	27	21	Trace	16.30	-	-	5.5
Spurn Head	p	p	b-bc	b-bc	45	37	.	0.4	9.00	-	-	3.5
Birmingham (Edgbaston)	ofb	fbcmc	mcbc	bcc	40	32	30	-	-	-	-	0.0
Cranwell	c	c	c	c	45	28	25	-	-	-	-	4.5
Gorleston	ffoebcm	cmor.c	cbccq	cbcc	42	41	40	0.3	16.30	-	-	1.6
Valentia (Cahireiveen)	bxvbc	bvybc	bcbx	bxc	44	36	26	-	-	-	-	7.8
Roches Point	bv	b	bx	bx	44	34	.	-	-	-	-	.
Pembroke (St. Ann's H.)	cbcp.	bcc	cbcm	bccm.	44	36	.	Trace	9.00	-	-	5.0
Ross-on-Wye	ofb	pfomcm	cm	cbcc	39	34	31	-	-	-	-	0.0
Leafield	Fbe	cmcbc	bccw	c	36	33	31	0.1	-	Trace	-	0.0
Winchester (Worthy Dn.)	cxmcm	cmffm	ornc	c	38	36	35	Trace	-	-	-	0.0
S Farnborough ...	cF	pffqm	orn.c	cp.c	36	36	35	Trace	17.30	Trace	5.30	0.0
London (Kew Obsy.) ...	offw	offw	ofwmcm	cm.	38	38	36	Trace	-	Trace	-	0.0
Croydon	bofexFF	oFFff	offmc	crrz.	37	36	35	Tr.	-	0.4	4.30	0.0
Shoeburyness	bFfoff	off	cm	cmr	37	36	37	Trace	-	3	4.30	0.0
Clacton-on-Sea ...	becom	orn	o	oprc	38	37	36	-	-	9	2.30	0.0
Felixstowe	oF	pfmcm	cm	cmpr	38	37	36	Trace	-	0.3	24.00	0.0
Lympne	cmmx	cmm.	cm.orr	orrrp	43	41	32 38	0.1	-	6	<21.00	0.0
Scilly (St. Mary's) ...	bc	c	cp	cp	48	44	.	-	-	Trace	24.00	1.3
Falmouth (Pendennis)	beccq	cprq	ccmq	cmRq	48	41	.	0.1	17.30	2	22.00	1.4
Plymouth (Cattewater)	cm.	cmdd	bcqm.	cqm.	47	40	40	0.1	15.30	-	-	0.9
Portland Bill	orroimoiom	oirs.cz	cdirz.	cdirz.	47	39	.	2	<8.00	1	<21.00	.
Southampton (Calshot)	cm.	cpf	cirm.c	c.	46	40	39	2	<8.00	0.1	<21.00	0.0
Dungeness	bffmmc	c	cprcr	crcir	48	43	.	-	-	0.5	<21.00	.
Guernsey	cv	cqv	corrq	orrq	50	44	.	-	-	8	<21.00	0.2



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind Direc.	Wind Force	Weather	Temp. Air	Temp. Sea
2	8th 10h	Scotia	NE	5	C-	44	53
1	" 12h	St. Julien	E	4	C-	50	57
3	9th 2h	Arundel	ES	5	O/C	46	57

Pressure remains high far on the Atlantic. A depression on Southern Norway is growing deeper and will probably move southeast while a secondary depression associated with it is expected to move southwards across the North Sea. Sleet or snow will occur at times in Scotland, Northern England and Northern Ireland during the next 24 hours. Elsewhere the weather will be mainly fair at first after some further rain in the extreme south of England but wintry showers will soon spread from the North.

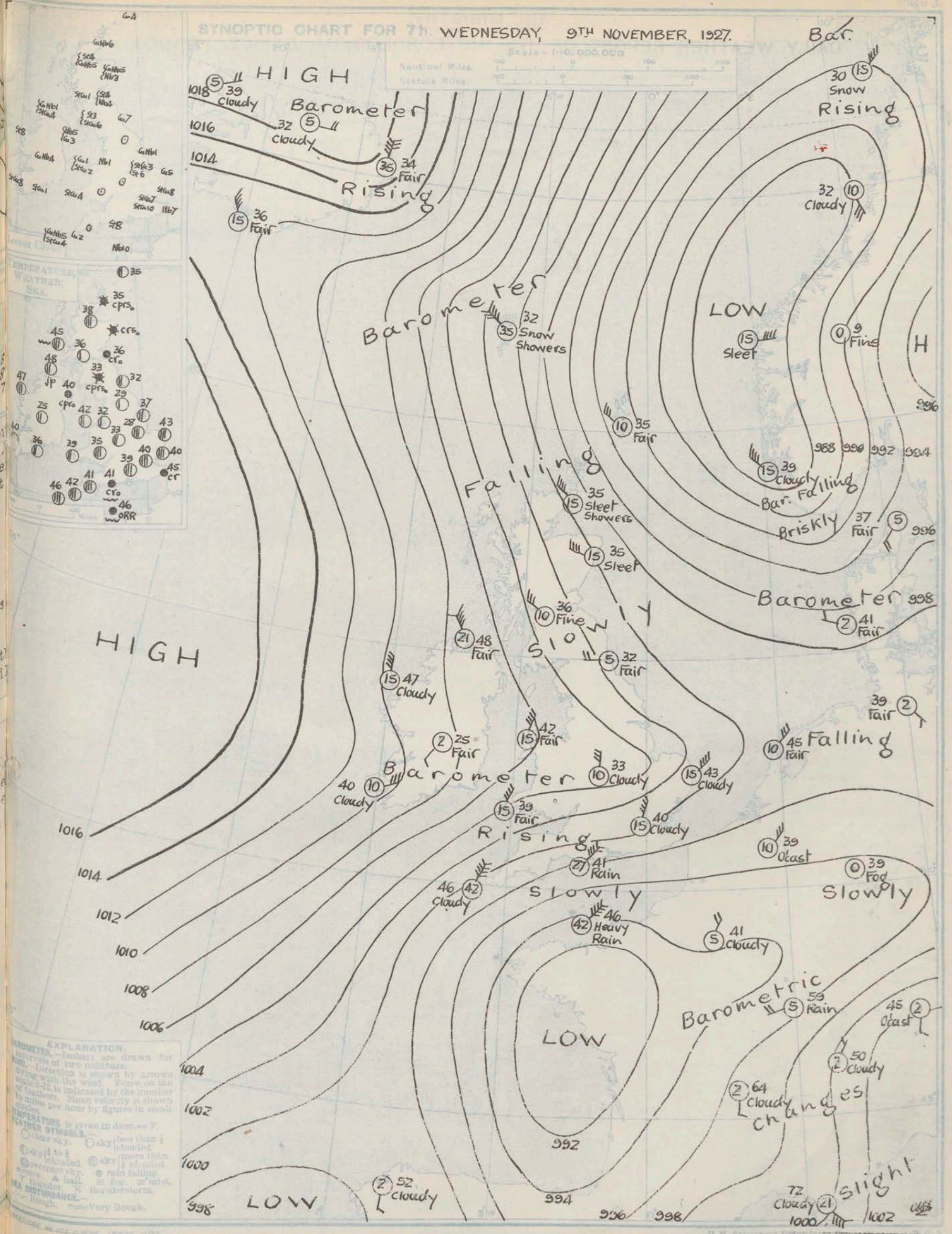
Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 9th November, 1927.

Districts.	Forecasts	Further Outlook.
1. S.E. England ▲ 2. E. England 3. E. Midlands 4. W. Midlands	Wind between northeast and north, backing to between west and northwest, moderate to fresh; fair to cloudy, local rain, and possibly hail or sleet; cold, ground frost locally at night.	Northerly winds and cold, rather unsettled, weather but considerable fair periods in all districts.
5. S.W. England ▲ 6. South Wales	Wind northeast, strong to a gale, moderating gradually; mainly fair, perhaps a few local showers; cold, ground frost locally at night.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind northwest, strong at times; wintry showers; continuing cold.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind northwest, veering to north tomorrow, strong at times; considerable falls of snow locally on the higher hills, rain or sleet at times elsewhere ; continuing cold.	▲ North cone hoisted 15h. 10m. G.M.T. 8/11/27.
17. N.W. Ireland	Moderate to fresh northwest to north winds; wintry showers; continuing cold.	
18. N.E. Ireland	As 10 - 16.	
19. S.E. Ireland 20. S.W. Ireland	Moderate to fresh northwesterly winds; occasional showers; continuing cold, frost locally at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1000 G.M.T.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.01 mm.


SYNOPTIC CHART FOR 7h. WEDNESDAY, 9TH NOVEMBER, 1927.
HIGH
Barometer
Rising
HIGH
Barometer
Falling
Slowly
Barometer
Rising
Slowly
LOW
Bar.
Rising
Fall
Briskly
Barometer
Falling
Slowly
Barometric
changes
slight
LOW
LOW
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994
992
988
990
992
994
996
998
1000
1002

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...........Wednesday 9th November..1927. No. 313....

Observations at 1h. G.M.T. 9th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	64	9958	+1	NW	3	c/prs	37	85	8	4000	CuNb	4	ASt	8
Stornoway	30	1005·7	-2	N	3	b-	•	•	8	•	•	•	•	•
Wick	81	10014	-1	NW	3	c/prs	38	85	8	1500	CuNb	6	Ci St	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	33	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	56	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	10105	0	N	4	bc	44	85	8	5700	StCu	3	ACu	7
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	10054	•	SW	3	mmc	34	85	4	450	St	3	ACu	8
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	97	10069	-2	W	2	b	30	85	7	800	St	2	-	2
Blacksod Point ..	18	1011·8	+1	N	6	c	43	75	7	•	StCu	8	-	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle ...	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead ...	26	10067	0	NEN	5	bc-	42	75	8	4000	StCu	6	-	6
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	10038	-1	NE	4	bc	41	75	8	4000	Cu	5	ACu	6
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	10052	-1	NW	3	c	33	97	5	5700	StCu	9	-	9
Gorleston	14	1001·8	-2	NE	5	c	46	75	7	2500	StCu	10	-	10
Valentia/Cahirciveen P	30	10036	+2	N	5	b	37	97	9	-	-	0	-	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	10037	+1	NE	5	bc	38	85	6	-	-	0	ASt	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	40	•	•	•	•	•	•	•
Croydon	244	1001·0	-3	NEN	3	c	39	85	7	1500	St	5	ASt	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	9997	-2	NNE	3	orr	41	97	7	800	Nb	10	-	10
Scilly (St. Mary's) ...	163	9979	+1	NEN	8	c	46	75	6	4000	StCu	10	-	10
Falmouth (Pendennis)	200	9982	+1	NEN	7	oc+	42	85	6	2500	Nb	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	9969	-1	NNE	7	c	43	85	6	1500	St	7	ASt	10
Southampton (Calshot)	10	9991	-4	NNE	5	c	42	85	7	2500	St	4	ASt	9
2500 Dungeness	20	998·1	-3	SE	3	cr+	45	75	7	[illegible]	(CuNb)	5	(ASt)	10
Guernsey (Fort George) P	295	9932	-3	ENE	6	orr	44	92	6	2500	Nb	10	-	10

Observations at 7h. G.M.T. 9th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	9936	-2	NW	3	bc	35	85	8	4000	Cu	4	-	4	•
Stornoway	1004·7	-1	NNW	4	c/s(h)	42	65	7	2500	Nb	9	-	9	2
Wick	9992	-3	NW	4	c/prs	35	85	8	1500	CuNb	6	Ci St	8	3
Tiree	10064	0	NW	6	bc	45	65	9	2500	Cu	3	-	3	6
Nairn	10019	•	NNW	3	c+	38	75	8	1500	CuNb	9	-	9	•
Aberdeen	10000	-2	WNW	4	crs₀	35	92	7	1500	CuNb	8	-	8	0
Malin Head	10070	-1	NNW	5	bcp	48	85	8	4000	StCu	5	-	5	4
Renfrew	10033	-3	NW	3	b	36	92	8	4000	StCu	1	-	1	•
Edinburgh (Inchkeith)	1001·9	*	NW	4	cr₀	36	92	7	1500	St	8	-	8	2
Leuchars	1001·5	-3	NW	3	c+	34	85	8	4000	StCu	9	-	9	•
Eskdalemuir	1002·7	-3	SW	1	c/prs	33	85	7	1500	StCu	9	-	9	•
Tynemouth	1001·3	-3	W	2	bc+	32	75	7	1500	Cu	7	-	7	2
Blacksod Point	10096	-1	N	4	c	47	75	7	•	St	8	-	8	4
Donaghadee	10066	-3	NW	3	c/pr₀	40	92	8	4000	Nb	8	-	8	2
Birr Castle	10095	•	SW	1	bc+	25	92	7	2500	CuNb	4	-	4	•
Holyhead	10061	-1	NE	4	bc+	42	75	8	2500	StCu	3	-	3	4
Liverpool (Bidston)	10052	-2	-	0	b+	32	75	8	2500	Nb	1	-	1	•
Chester (Sealand)	10048	-1	NW	2	b	27	85	6	-	-	0	Ci	1	•
Harrogate	10031	-1	SW	3	b	29	75	8	-	-	0	ACu	1	•
Spurn Head	1002·1	0	NNW	5	bc	37	75	7	5700	CuNb	1	ASt	6	4
Birmingham (Edgbaston)	10043	0	N	3	c-	33	75	5	-	-	0	ASt	8	•
Cranwell	10047	-1	NWN	4	c	28	97	6	2500	St	9	-	9	•
Gorleston	10001	-1	NE	4	c	43	65	7	2500	Cu	5	ACu	9	1
Valentia/Cahirciveen	1011·3	+2	ENE	3	c	40	55	8	2500	StCu	8	-	8	0
Roches Point	10087	+3	N	3	b	36	97	8	2500	StCu	1	-	1	0
Pembroke (St. Ann's H.)	10037	+1	NNE	4	bc+	39	75	8	2500	StCu	3 (1 struck out)	ACu	7	1
Ross-on-Wye	10038	0	N	3	c	35	75	6	-	-	0	ASt	8	•
Leafield	10022	+1	N	4	c	33	92	7	5700	StCu	6	ASt	9	•
Winchester (Worthy Dn.)	10000	-1	N	4	c	39	85	7	2500	StCu	10	-	10	•
S. Farnborough	10001	0	NNE	3	c	39	75	8	4000	StCu	10	-	10	•
London (Kew Obsy.)	10005	+1	NE	4	c	40	65	6	4000	StCu	7	ASt	10	•
Croydon	10004	+2	NNE	3	c	40	75	6	4000	StCu	3	ASt	10	•
Shoeburyness	9990	+2	N	3	c/r	40	85	5	1500	StCu	9	-	9	•
Clacton-on-Sea	9991	+1	N	4	c	40	85	6	5700	StCu	8	-	8	2
Felixstowe	9997	0	NEN	5	c/r	40	85	8	4000	StCu	9	ASt	10	3
Lympne	9986	+1	NW	3	or₀	42	85	6	800	Nb	10	-	10	•
Scilly (St. Mary's)	9985	0	NNE	8	c	46	85	7	4000	CuNb	9	-	9	5
Falmouth (Pendennis)	9988	+1	NEN	6	c	42	85	7	4000	Cu	2	ASt	10	2
Plymouth (Cattewater)	9989	+1	NE	7	c	41	75	7	-	-	0	ASt	10	3
Portland Bill	9973	+1	NE	6	cr₀	41	75	6	1500	St	8	ASt	10	6
Southampton (Calshot)	9995	+4	NNE	5	cr₀	42	75	8	2500	St	4	ASt	9	3
Dungeness	998·1	+4	E	4	cr	45	85	7	1500	Nb	7	ASt	10	4
Guernsey (Fort George)	9931	+1	NE	8	ORR	46	92	6	1500	Nb	10	-	10	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th November

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h 7th to 9h 8th °F (4)	Temperature Max. 9h.-17h. 8th °F (5)	Rainfall Night 17h.-9h. 7th-8th mm. (6)	Rainfall Day 9h.-17h. 8th mm. (7)	Sunshine Sunrise to Sunset 8th hr. (8)
Berwick-on-Tweed	Sg₀	c	28	40	0.4	0.2	4.6
Douglas (I. o. M.) ...	b	b	33	42	-	-	7.9
Llandudno ...	mc	[illegible]	[illegible]	43	1.9	0.1	0.0
Colwyn Bay ...	[illegible]	[illegible]	36	42	1.3	[illegible]	0.0
Rhyl	r₀	o	[illegible]	42	12	0.2	0.0
Wallasey	grf	[illegible]	[illegible]	41	-	0.3	0.0
Southport	[illegible]	bco	35	43	-	-	[illegible]
Blackpool	[illegible]	bc	[illegible]	43	0.6	-	[illegible]
Ilkley	bc	[illegible]	[illegible]	44	-	-	[illegible]
Cleethorpes	oc	o	[illegible]	44	0.4	-	[illegible]
Skegness	[illegible]	bcedc	[illegible]	45	0.2	trace	4.4
Aberystwyth ...	x2bc	bc3	[illegible]	43	-	-	4.1
Bath	mc	mc	[illegible]	[illegible]	-	-	0.0
Cheltenham ...	fcl	o	[illegible]	40	-	-	0.0
Leamington Spa ...	[illegible]	o	[illegible]	42	-	-	0.0
Lowestoft	[illegible]	c	[illegible]	40	-	-	0.0
Felixstowe	[illegible]	[illegible]	[illegible]	[illegible]	-	-	0.0
Harwich & Dovercourt	[illegible]	[illegible]	[illegible]	[illegible]	trace	-	0.0
Southend	[illegible]	[illegible]	[illegible]	[illegible]	-	-	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe ...	cb	co	[illegible]	45	[illegible]	-	0.8
Bude	[illegible]	cbc	[illegible]	46	0.5	-	1.4
Penzance	bc	c	[illegible]	[illegible]	[illegible]	-	[illegible]
Falmouth	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5	0.0
Torquay	[illegible]	[illegible]	[illegible]	47	[illegible]	1	0.0
Jersey	og	oga	[illegible]	[illegible]	[illegible]	trace	0.1
Weymouth ...	[illegible]	oc	[illegible]	44	[illegible]	0.2	0.0
Bournemouth ...	oro	oro	[illegible]	41	[illegible]	1	0.0
Ventnor	[illegible]	[illegible]	[illegible]	47	-	trace	0.1
Portsmouth (S'thsea)	or	orof	[illegible]	43	-	4	0.0
Bognor	xco	od	[illegible]	43	-	trace	0.2
Littlehampton ...	c	[illegible]	[illegible]	43	-	0.6	0.2
Worthing	c	cr	[illegible]	44	-	3	0.0
Brighton	[illegible]	[illegible]	[illegible]	44	-	[illegible]	0.0
Eastbourne	for	[illegible]	[illegible]	43	-	2	0.0
Hastings	[illegible]	[illegible]	35	44	0.2	1	0.0
Folkestone	[illegible]	[illegible]	[illegible]	46	-	-	0.0
Dover	[illegible]	c	[illegible]	47	-	-	0.0
Tunbridge Wells ...	[illegible]	of	[illegible]	[illegible]	trace	-	0.0
Ramsgate	[illegible]	[illegible]	[illegible]	[illegible]	-	0.4	0.0
Margate	[illegible]	[illegible]	[illegible]	45	trace	11	0.0
Deal	[illegible]	o	[illegible]	47	-	-	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †† See footnote page 1.

† At stations marked thus the maximum temperature is for the period 9h.-17h., the minimum for the period 21h.-9h. ✻ 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24094 ...Thursday 10th November 1927.

Observations at 13h. G.M.T. 9th .... / Observations at 18h. G.M.T. 9th ....

STATIONS. (For heights see p.4).	13h Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0–10	Upper Form.	Total Amt. 0–10	State of ground.	18h Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0–10	Upper Form.	Total Amt. 0–10	Sea. 0–9
Lerwick	991·1	-2	NW	3	bc	37	85	8	4000	Cu	3	-	3	•	991·8	+2	N	4	bc/s(h)	39	85	8	4000	CuNb	3	-	3	•
Stornoway	1001·3	-3	NNW	5	bcKQh	38	85	7	4000	CuNb	7	-	7	•	1000·9	0	N	6	bc/PH	37	92	7	4000	CuNb	7	-	7	5
Wick	996·1	-3	NW	5	c/ph₀	~~37~~	85	8	1500	CuNb	6	CiSt	8	•	995·8	-1	NW	4	c/prs	35	97	8	1500	CuNb	6	CiSt	8	4
Tiree	1004·0	-1	NNW	6	bcv	47	65	9	2500	Cu	3	ACu	5	0	1002·7	0	N'W	8	bcvjp	44	65	9	2500	CuNb	7	-	7	7
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•	997·3	•	NW	2	bc/s(h)	34	92	8	1500	CuNb	7	-	7	•
Aberdeen	996·9	-3	NW	3	cs₀	35	92	7	1500	Nb	8	-	8	7	995·5	0	WNW	4	cs₀	34	92	7	1500	Nb	8	-	8	0
Malin Head	1005·9	-3	NNW	5	bc	49	85	8	4000	Cu	2	ACu	7	•	1004·2	0	NNW	7	bc/PH	46	85	7	4000	CuNb	6	ACu	7	6
Renfrew	1000·4	-5	WNW	4	b	45	55	8	4000	Cu	2	-	2	4	1000·1	+1	NW	2	b-	33	85	8	-	-	0	ACu	1	•
Edinburgh (Inchkeith)	998·3	*	W	2	cv	40	75	9	800	St	9	CiSt	10	•	997·6	*	NW	4	b	35	75	8	-	-	0	ACu	1	2
Leuchars	998·7	-3	NW	3	c/s(h)	34	97	7	450	Nb	8	ASt	10	1	997·6	0	NW	3	b	34	75	8	4000	StCu	1	ACu	2	•
Eskdalemuir	999·7	-5	WNW	4	b-	40	65	7	5700	StCu	1	-	1	2	999·2	0	NNW	4	b/s(h)	31	75	7	5700	StCu	1	-	1	•
Tynemouth	998·5	-2	NW	3	bc	42	55	8	2500	Cu	4	-	4	•	996·3	-1	NW	2	bc/rs	35	92	7	2500	CuNb	4	-	4	4
Blacksod Point	1009·5	0	N	4	bc	48	75	8	*	Cu	7	-	7	•	1007·6	-2	N	4	bc	47	85	7	•	CuNb	7	-	7	4
Donaghadee	1005·1	-2	N'W	8	bc-	47	92	8	5700	StCu	3	ACu	5	•	1003·2	-1	N'W	8	~~bc/...~~ bc/phr₀	41	97	8	2500	Nb	6	-	6	5
Birr Castle	1006·9	*	N	2	b-	48	75	8	4000	Cu	1	-	1	•	1004·9	*	NW	2	b	42	92	8	4000	Cu	1	ACu	2	•
Holyhead	1003·5	-1	N	6	b-	48	65	8	2500	Cu	2	-	2	2	1001·4	-2	NW'N	7	b	49	65	8	4000	Cu	2	-	2	5
Liverpool (Bidston)	1002·2	-2	N	2	b-	42	85	7	800	CuNb	1	-	1	•	998·4	-4	NW	6	c+	44	75	8	1500	CuNb	9	-	9	•
Chester (Sealand)	1001·7	-2	N	4	bc-	44	75	7	2500	StCu	3	-	3	2	998·6	-5	NW'N	5	cjp	44	65	7	2500	Cu	8	-	8	•
Harrogate	999·9	-1	NW	4	b	41	45	8	-	-	0	ACu	1	•	997·6	-3	WSW	1	c/rs	34	92	7	2500	Nb	9	-	9	•
Spurn Head	997·9	-3	W'N	5	bc-	40	85	6	4000	CuNb	5	CiCu	7	•	995·0	-1	W'N	5	bc-	42	75	6	4000	Nb	4	-	4	5
Birmingham (Edgbaston)	1001·2	-3	NW	4	bcr₀	42	65	5	4000	StCu	6	-	6	2	999·2	-1	WNW	3	b	38	75	5	-	-	0	-	0	•
Cranwell	1001·0	-3	NNW	4	crs₀	39	95	6	1500	Nb	10	-	10	5	998·4	-1	WSW	3	b	35	85	6	-	-	0	-	0	•
Gorleston	997·5	-3	WNW	3	bc	45	75	6	4000	Cu	4	-	4	•	995·9	-2	W	2	or₀r₀	37	85	6	800	Nb	10	-	10	0
Valentia (Cahirciveen)	1010·4	-2	N'W	4	c/ph₀	49	85	8	1500	St	9	-	9	?	1009·6	0	N'W	4	bc	47	85	8	1500	St	6	-	6	0
Roches Point	1007·5	-2	N	4	bv	47	85	9	2500	Cu	1	-	1	•	1006·7	-2	N	3	b	48	92	8	2500	Cu	2	-	2	1
Pembroke (St. Ann's H.)	1002·5	-2	N	5	bc	49	86	8	1500	Cu	4	ACu	7	•	1001·6	+1	NNW	5	bc	47	75	8	1500	Cu	5	ACu	7	1
Ross-on-Wye	1001·6	-2	N	2	b	43	55	8	5700	StCu	1	-	1	1	1000·8	0	WSW	1	b	37	75	7	4000	StCu	1	-	1	•
Leafield	1000·8	-4	NW'N	4	b	39	55	6	5700	StCu	1	-	1	1	999·6	-1	NNW	3	b	33	85	7	-	-	0	-	0	•
Winchester (Worthy Dn.)	1000·2	-1	N'W	4	bc-	42	75	8	-	-	0	CiSt	4	1	1000·4	0	NW	2	b-	35	97	6	-	-	0	ASt	1	•
S. Farnborough	999·8	-2	N'W	3	b-	43	55	8	2500	Cu	1	CiSt	2	1	999·6	+1	NW	1	b	35	85	6	-	-	0	-	0	•
London (Kew Obsy.)	999·9	-2	NNW	3	b-	42	65	7	-	-	0	Ci	1	2	999·3	+1	NW'N	1	b	38	75	5	-	-	0	ACu	2	•
Croydon	999·8	-1	N'W	3	mmb	42	75	4	2500	St	2	-	2	1	999·3	+1	NW	2	mmb	38	75	4	-	-	0	Ci	2	•
Shoeburyness	999·5	-1	N'W	5	b-	45	75	8	5700	Cu	1	Ci	2	•	998·3	+2	N'W	3	Fb	37	85	1	-	-	0	-	0	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	997·3	-1	NW	3	bc	~~38~~ 37	75	6	-	-	0	ACu	4	1
Felixstowe	998·9	-2	N'W	3	bc	44	75	8	4000	Cu	3	Ci	5	0	997·3	-1	NW'N	3	bc	38	85	7	-	-	0	ACu	5	0
Lympne	997·2	0	N'W	5	c	43	75	8	5700	StCu	7	ASt	9	2	998·0	+1	NW	3	bc	34	85	6	4000	StCu	4	-	4	•
Scilly (St. Mary's)	1000·7	+1	N'E	8	bc	47	65	8	4000	StCu	5	-	5	•	1003·8	+3	N	7	bc	49	75	7	4000	Cu	5	-	5	6
Falmouth (Pendennis)	1000·6	0	NNE	7	bc-	44	85	8	4000	Cu	2	ASt	7	•	1002·6	+2	N	4	bc	46	85	8	4000	Cu	4	-	4	1
Plymouth (Cattewater)	1000·2	+1	NE	6	c-	43	65	8	-	-	0	Ci	8	2	1001·7	+3	N	1	b	43	85	6	~~5700~~ 4000	StCu	1	-	1	0
Portland Bill	998·9	-1	NNE	5	bc-	44	55	8	2500	StCu	2	ACu	7	•	1000·3	+4	N	2	b-	40	75	6	4000	StCu	1	-	1	2
Southampton (Calshot)	999·7	-2	N'W	3	bc	43	65	7	5700	StCu	1	ACu	6	0	1000·2	+2	NW'N	3	bc	41	75	6	-	-	0	ASt	3	0
Dungeness	997·0	0	NNE	4	c/r	45	75	7	1500	Cu	2	ASt	~~10~~ 8	•	997·6	+2	NNW	2	bc-	35	92	7	-	-	0	ACu	5	3
Guernsey (Fort George)	995·9	+1	NE	8	cr₀r₀	46	85	7	1600	Nb	9	ASt	10	•	999·4	+5	NE	7	bc-	46	55	8	5700	StCu	3	CiCu	7	7

LONDON OBSERVATIONS.	Heights above M.S.L. in feet.	Weather (24 Hours ended 8h.) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility 9h.
Kew (24 hours ended 7h.)	18	c2₀b	bm₀	b,cbm₀x	43	31	21	-	-	3·8	*	*	4
Croydon (24 hours ended 7h.)	244	cz₀b	b₂bz₀y	bmbcm	43	30	24	-	-	2·0	*	*	4
Greenwich (Royal Obsy.)	149	cz	cbcz	bmcbxz	43	30	22	-	-	2·0	50	73	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2·8	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	45	29	18	-	-	2·8	66	82	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	3·6	*	*	*
Camden Square	110	c	cbcc	*	45	30	21	-	-	*	*	86	*
Kensington Palace	80	obc	b	*	44	30	21	-	-	*	(At 18h.) 72	79	*
Hampstead Observatory	450			*	42	26	20	-	Tr	3·9		76	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 10th

South Kensington Max.	Time.	Min.	Time.
1·3	19h 9th	<0·3	1h 10th

Kew Observatory Max.	Time.	Min.	Time.
0·5	20h 9th	<0·3	13h 9th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9th 17 h. 15 m. to 10th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13·0	10·4	77
δ Ursae Minoris	13·0	10·0	77

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

10th & 11th November 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·7 / 7·8	11·37 / 11·37	16·7 / 16·5
Greenwich	7·10 / 7·11	11·44 / 11·44	16·18 / 16·16
Wick	7·50 / 7·52	11·56 / 11·56	16·2 / 16·0
Valentia	7·52 / 7·54	12·26 / 12·25	16·57 / 16·56

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. „ less than 200 m.
m mist. „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. Ⓤ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; — = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell — Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell — Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

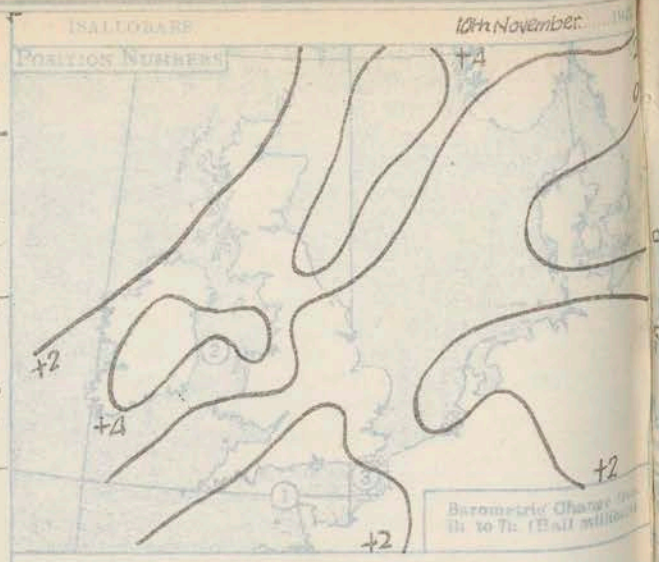
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2076.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9th	WEATHER. 13h.-18h. 9th	WEATHER. 18h. 9th to 1h. 10th	WEATHER. 1h.-7h. 10th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	RAINFALL† Day. 7h.-18h. began.	RAINFALL† Night. 18h.-7h. mm.	RAINFALL† Night. 18h.-7h. began.	SUN 9th Hours.
Lerwick	cipsbcc	cipsbcq	cipsqb	bbcpq	39	36	.	1	<8.00	1	<21.00	3.4
Stornoway	p	h-rh	b-bc	rh	44	33	.	3	*	3	.	0.6
Wick	cprsh	cprhs	cprsphsc	prsbc	38	33	.	7	<8.00	5	<21.00	.
Tiree	bc	pRh	prhbc	prhbc	48	40	39	2	14.30	1	1.30	2.4
Nairn	coprsq	cprsbc	cPRSq	cq	38	33	.	4	9.00	3	<21.00	0.2
Aberdeen	bcpscis	bccpsh	bbccrsq	rshqpsq	35	33	30	5	<8.00	8	<21.00	1.4
Malin Head	bc	bcp.	bcfhqghr	bcqpr	49	38	.	Trace	16.30	3	<21.00	5.9
Renfrew	bxbc	cprsbx	bbx	bxbxm.	46	29	19	0.3	14.30	-	-	5.7
Edinburgh (Inchkeith)	p	s-rs	b-bc	psbc	41	35	29	0.3	<8.00	0.2	24.00	0.6
Leuchars	cbcy	cps.b	bbc	rsb,c	40	33	29	2	12.30	0.5	1.30	2.6
Eskdalemuir	cb	bosm.o	b	bcps.b	42	30	27	2	14.30	Trace	-	3.9
Tynemouth	bc	bcoirs	bcb	boirsqtl	42	31	27	2	14.30	2	2.30	.
Blacksod Point ...	p.bc	Pq,bc	Pqbc	pq.cbc	49	41	.	1	*	7	*	.
Donaghadee	prbc	bcphr	bcirh	bcirh	49	38	.	1	<8.00	2	24.00	.
Birr Castle	bcb	bbcb	bcpr.	bx	50	32	28	-	-	0.2	<21.00	4.7
Holyhead	cr.bc	b	cp.rs	bcprq	49	39	37	0.2	9.00	2	<21.00	5.6
Liverpool (Bidston) ...	corbc	bbccb	cprhl	bbc	46	37	32	1	9.00	0.1	<21.00	6.3
Chester (Sealand) ...	bmx,prq	bcbbc	cprhqbc	bbc	45	34	27	0.2	11.00	0.3	<21.00	5.6
Harrogate	bbccp	bbbccprs	cb	b	41	30	26	0.5	9.00	-	-	5.0
Spurn Head	c	b-bc	bcqps	bcq,ps	43	33	.	-	-	1	22.00	3.6
Birmingham (Edgbaston)	bc	pbcprb	bprb	bx	43	31	25	Trace	12.30	1	<21.00	3.5
Cranwell	bbccrs	bcb	b-bc	bxbcc	41	28	25	Trace	12.30	-	-	4.2
Gorleston	cbc	bccor.	or.bcx	bcxis.	46	31	30	Trace	17.30	0.3	24.00	3.4
Valentia (Cahirciveen)	cboph	ophc	bccp	copcy	51	44	37	1	11.00	2	<21.00	2.5
Roches Point	bv	b	bbcc	b	50	40	.	-	-	-	-	.
Pembroke (St. Ann's H.)	bcp.	bcq	cqp.	cqp.	50	37	.	Trace	11.00	2	22.00	6.3
Ross-on-Wye	cbcb	bcb	bcpr.bc	bbcbx	46	33	21	-	-	1	<21.00	6.3
Leafield	ocb	bcbx	bxcpb	bx	41	29	24	-	-	0.2	<21.00	4.3
Winchester (Worthy Dn)	cbc	bbcb	bmxbcx	bcbx	42	26	16	-	-	-	-	4.0
S Farnborough ...	cby	by bm.	bcm.xc	cbcxb	44	25	19	-	-	Trace	-	4.0
London (Kew Obsy.) ...	c3.b	b pm.	b,cbmx	bm.x	43	31	21	-	-	-	-	3.8
Croydon	c3.3b	b3b334	bmbcm.	bcbm.x	43	30	24	-	-	-	-	2.0
Shoeburyness	cmbcb	bmo	bcmo	bc	(45)	29	27	-	-	-	-	1.7
Clacton-on-Sea ...	cbc	bcm	bcmbm	bmb	46	29	25	-	-	-	-	2.5
Felixstowe	bcc	bcbbc	bc	bcxbc	(44)	32	28	-	-	-	-	3.1
Lympne	or.rc	cbc	bccm.	cbcxm.	43	28	23	1	<8.00	-	-	0.0
Scilly (St. Mary's) ...	cbc	bcp.	bccP	cpbc	49	43	.	Trace	14.30	1	22.00	4.2
Falmouth (Pendennis)	cq	bcq	bcpr	cprhq	47	39	.	-	-	3	22.00	4.6
Plymouth (Cattewater)	cqy	cqymb	b,cr.h	cprbc	47	37	29	-	-	2	22.00	4.0
Portland Bill	or.bc	bcb3.	bbcc	cbc	44	37	.	0.5	<8.00	-	-	.
Southampton (Calshot)	cr.oc	bcybcm.	bcmbbcb	bbw	44	33	29	0.1	<8.00	Trace	-	2.8
Dungeness	crrra	cbc	bbcx	bcxbz.	46	29		3	<8.00	-	-	.
Guernsey	orRrrcr	cbcq	bcb	bcqrbcq	47	41	.	8	<8.00	1	-	0.0



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	10th 9h	Scotia	N	6	c-	45	54	6
3	x 10th	Dieppe	NWN	5	bc+	47	57	7

GENERAL INFERENCE.

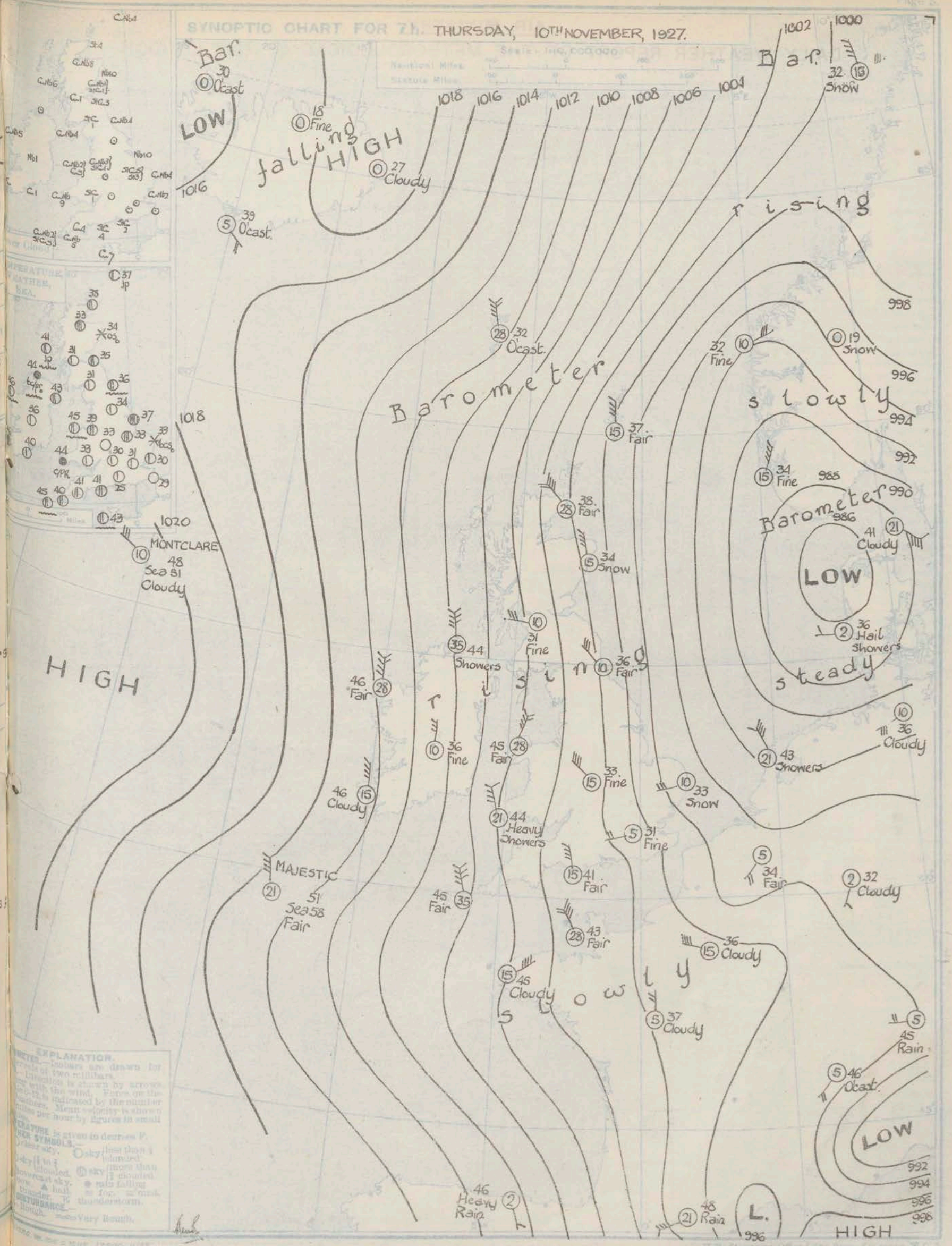
Pressure is still high out on the Atlantic and low in the region of the Baltic. A depression which is developing near Iceland will probably move southeast and cause the wind to become westerly in Scotland and Northern Ireland tonight or tomorrow, with cloudier weather and more snow in Scotland. Elsewhere the weather will be mainly fine for al least 24 hours with frost at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 10th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind N,W., light to moderate; fine; cold, frost at night.	Cloudier and less cold temporarily; unsettled but considerable fair periods in all districts; further snow on high ground in the North.
5. S.W. England 6. South Wales	Wind N. to N.W., mainly moderate but stronger locally at first; fine; cold, frost at night.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind N., backing to N.W. or W., moderate to fresh; mainly fine at first, with frost at night, becoming cloudier with some rain or sleet in most places by tomorrow afternoon.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A. W. Scotland, B. NW. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind N. to N.W., backing to W., strong at times; fine at first apart from local snow showers with frost in most places at night, cloudier and rather less cold by tomorrow with more general snow on the higher hills and rain or sleet elsewhere.	
17. N.W. Ireland 18. N.E. Ireland	Wind N.W., backing to W., strong at times; becoming cloudier and rather less cold, rain at times in most places, some sleet or snow on the higher hills.	
19. S.E. Ireland 20. S.W. Ireland	Wind N., backing to N.W., moderate to fresh; fine and cold at first, with frost at night, cloudier and less cold with local rain later.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0955 G.M.T. G. C. SIMPSON, F.R.S. Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. THURSDAY, 10TH NOVEMBER, 1927.
Bar.
LOW
falling
HIGH
Barometer
rising
slowly
Barometer
LOW
steady
rising
slowly
HIGH
LOW
HIGH
MONTCLARE
MAJESTIC
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994
992
990
988
986
1020

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION ... Thursday 10th November 1927. No 314...

Observations at 1h. G.M.T. 10th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	996·2	+2	N	3	bjp	37	92	8	4000	CuNb	2	–	2
Stornoway	30	~~1005·7~~ 1006·1	+3	N	5	b–	·	·	8	·	·	·	·	·
Wick	81	999·0	+5	N	6	c	39	75	8	1500	CuNb	5	C.St	8
Tiree	22	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	61	1005·1	+1	NNW	7	bc/ph₀	44	92	8	4000	CuNb	5	–	5
Renfrew	36	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	100	999·0	*	WNW	4	bc+	38	75	8	4000	Cu	2	A.Cu	7
Leuchars	40	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	67	996·4	0	W	2	b	33	85	7	4000	Cu	2	–	2
Blacksod Point	18	1009·3	+2	N	7	bc	46	45	7	·	CuNb	6	–	6
Donaghadee	40	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	173	·	·	·	·	·	·	·	·	·	·	·	·	·
Holyhead	26	1001·7	0	NW'N	7	bc/pth	44	92	7	1500	Nb	6	–	6
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Sealand)	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Harrogate	478	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	29	995·6	0	W'N	7	bc–	37	92	7	5700	CuNb	2	A.Cu	3
Birmingham (Edgbaston)	535	·	·	·	·	·	·	·	·	·	·	·	·	·
Cranwell	236	998·1	0	W'N	3	b–	30	92	5	–	–	0	–	0
Gorleston	14	995·1	0	WSW	2	bc–	34	85	6	4000	Cu	3	–	3
Valentia (Cahirciveen) ℗	30	1009·6	0	WNW	5	bc–	47	97	9	*	Nb	5	–	5
Roches Point	22	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	150	1002·2	0	NNW	5	c	45	85	8	1500	Cu	8	–	8
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·
Leafield	612	·	·	·	·	·	·	·	·	·	·	·	·	·
Winchester (Worthy Dn.)	272	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	18	·	·	·	·	·	37	·	·	·	·	·	·	·
Croydon	244	998·8	-1	W'N	3	bc	36	85	6	4000	StCu	6	–	6
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	350	997·4	-1	W	3	c+	33	85	6	4000	StCu	9	–	9
Scilly (St. Mary's)	163	1005·4	0	N	6	c	46	85	8	4000	CuNb	8	–	8
Falmouth (Pendennis)	300	1002·4	-2	NNE	5	bc/PH	45	85	8	4000	CuNb	7	–	7
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	32	999·8	-2	NNW	3	c+	44	85	8	2500	StCu	10	–	10
Southampton (Calshot)	10	999·7	-2	WNW	4	b+	38	85	8	5700	StCu	1	A.Cu	2
Dungeness	20	997·0	-3	NW	3	bc+	31	92	5	1500	Cu	6	–	6
Guernsey (Fort George) ℗	285	1000·0	0	WNW	1	c	41	75	6	2500	StCu	10	–	10

Observations at 7h. G.M.T. 10th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	997·4	+3	N	4	bcjp	37	92	8	4000	CuNb	4	–	4	·
Stornoway	1006·1	+2	N	4	c/pH	35	85	7	4000	CuNb	8	–	8	3
Wick	1000·8	+2	NW	6	bc/s	38	75	8	1500	St	4	–	4	4
Tiree	1007·6	+2	N'W	6	bcjp	41	75	8	2500	CuNb	6	–	6	6
Nairn	1003·6	·	N	7	c	35	92	8	1500	CuNb	8	–	8	·
Aberdeen	999·5	+3	NNW	4	os₀	34	97	7	2500	Nb	10	–	10	3
Malin Head	1008·0	+1	NNW	7	bc/pr₀	44	85	8	4000	CuNb	7	A.Cu	7	7
Renfrew	1004·8	+3	W	3	b	31	85	7	4000	Cu	1	–	1	1
Edinburgh (Inchkeith)	1002·2	*	NW	4	bc+	35	75	9	4000	StCu	3	A.Cu	4	·
Leuchars	1001·8	+3	NW	4	b	34	75	8	4000	CuNb	2	–	2	·
Eskdalemuir	1001·5	(+3)	NNW	6	b	31	65	8	4000	StCu	1	–	1	6
Tynemouth	998·7	+4	NW	3	bc/r	36	85	6	1500	CuNb	4	–	4	
Blacksod Point	1011·8	+2	N	6	bc	46	55	7	·	CuNb	5	–	5	6
Donaghadee	1005·5	+3	N'W	7	bc–	43	85	8	2500	CuNb	4	–	4	6*
Birr Castle	1008·6	·	N	3	b–	36	92	7	2500	Nb	1	A.Cu	2	6
Holyhead	1002·9	+3	N'E	6	bc	45	65	8	2500	Cu	7	–	7	·
Liverpool (Bidston)	1002·2	+3	N'E	4	bc+	39	65	8	2500	CuNb	4	–	4	·
Chester (Sealand)	1001·9	+5	NNW	2	c+	37	75	7	2500	StCu	8	–	8	·
Harrogate	999·4	+1	N	3	b	34	75	8	–	–	0	A.Cu	1	5
Spurn Head	995·0	+1	WNW	7	bc+	37	97	7	4000	Nb	7	–	7	·
Birmingham (Edgbaston)	1001·6	+2	NW	4	b	33	75	6	–	–	0	–	0	·
Cranwell	998·1	0	NW'W	5	c+	33	97	6	1500	StCu	8	–	8	0
Gorleston	994·9	0	W'S	3	bcs₀	33	92	6	2500	CuNb	4	–	4	·
Valentia (Cahirciveen)	1012·4	+3	N	4	c	46	55	8	2500	StCu	8	–	8	0
Roches Point	1009·7	+4	N	3	b	40	92	8	2500	Cu	1	–	1	4
Pembroke (St. Ann's H.)	1002·8	0	NNW	5	c/PR	44	85	7	1500	CuNb	9	–	9	·
Ross-on-Wye	1001·9	+1	W	1	b–	33	85	8	4000	StCu	1	–	1	·
Leafield	1000·3	+2	NW'N	4	b	30	92	8	–	–	0	A.Cu	1	·
Winchester (Worthy Dn.)	1000·8	+2	W'N	3	b	30	97	7	–	–	0	C.St	2	·
S. Farnborough	1000·4	+3	–	0	b	25	97	7	–	–	0	A.St	1	·
London (Kew Obsy.)	999·9	+3	W'S	2	b	31	85	5	–	–	0	A.Cu	1	·
Croydon	999·8	+1	W	2	b	30	85	6	–	–	0	–	0	·
Shoeburyness	997·6	+1	NW	3	b	31	85	5	–	–	0	C.Cu	2	1
Clacton-on-Sea	997·3	0	W	4	b	30	85	7	4000	CuNb	2	–	2	0
Felixstowe	997·4	0	NNW	3	b	33	85	6	–	–	0	A.St	1	·
Lympne	998·2	+2	NW	3	b–	30	75	6	–	–	0	–	0	·
Scilly (St. Mary's)	1007·3	+2	N'W	7	bc	45	65	7	4000	StCu	7	–	7	6
Falmouth (Pendennis)	1004·8	+2	N	2	bc–	40	92	8	4000	CuNb	5	–	5	1
Plymouth (Cattewater)	1007·9	+2	NNE	4	bc	41	85	7	4000	Cu	4	A.St	6	0
Portland Bill	1000·2	+2	NNW	4	bc	41	65	8	2500	StCu	4	C	7	1
Southampton (Calshot)	1000·9	+3	W	2	bc+	33	85	8	4000	StCu	2	A.Cu	3	3
Dungeness	997·9	+4	NNW	1	b–	29	92	6	–	–	0	–	0	6
Guernsey (Fort George)	1001·1	+2	NNW	6	bc	43	65	8	4000	Cu	7	–	7	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 9th November

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 9th to 9h. 9th (4) °F	Temperature Max. 9h.-17h. 9th (5) °F.	Rainfall Night 17h.-9h. 8th-9th (6) mm.	Rainfall Day 9h.-17h. 9th (7) mm.	Sunshine Sunrise to Sunset 9th (8) hr.
Berwick-on-Tweed	cR	s₀c	28	41	–	1	2.1
Douglas (I. o. M.)	bbc	cprh	31	?	0.5	1	6.4
Llandudno	bcbc	bbcrs	36	48	–	1	5.2
Colwyn Bay	bcbcc	pbbcr	35	48	–	1	5.0
Rhyl	bcrbc	bccr	?	48	–	2	[illegible]
Wallasey	xbcr	b	28	[illegible]	–	1	[illegible]
Southport	xbco	rcbcbbc	*27	[illegible]	–	–	[illegible]
Blackpool	bchc	bcc	27	[illegible]	–	3	4.[illegible]
Ilkley	bc	bc	[illegible]	44	–	–	[illegible]
Cleethorpes	bm	bm	[illegible]	41	–	–	4.[illegible]
Skegness	bcbc	bcb	34	44	0.1	trace	3.[illegible]
Aberystwyth	3bc	bbc	34	47	–	–	[illegible]
Bath	c	bcb	[illegible]	44	–	–	[illegible]
Cheltenham‡	cbcb	bbcm	[illegible]	44	–	–	[illegible]
Leamington Spa	c	c	[illegible]	43	–	–	[illegible]
Lowestoft	c	cbc	[illegible]	[illegible]	0.2	–	[illegible]
Felixstowe	bc	bc	[illegible]	[illegible]	[illegible]	–	[illegible]
Harwich & Dovercourt	bc	bcm	[illegible]	[illegible]	–	–	[illegible]
Southend	ocbc	bc	30	46	1	–	1.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcb	b	41	48	–	–	5.1
Bude	wbcb	b	37	44	0.5	–	3.6
Penzance	cb	b	41	50	0.2	–	4.7
Paignton	ocbcb	b	40	[illegible]	–	–	[illegible]
Torquay	omcbb	bijw	39	47	–	–	[illegible]
Jersey	[illegible]	[illegible]	41	44	[illegible]	6	[illegible]
Weymouth	o	[illegible]	39	44	[illegible]	–	4.2
Bournemouth	o	b	[illegible]	44	0.[illegible]	?	[illegible]
Ventnor	cbc	bcz	[illegible]	[illegible]	[illegible]	–	[illegible]
Portsmouth (S'thsea)	o	bcb	[illegible]	[illegible]	–	–	0.[illegible]
Bognor	oc	cbc	[illegible]	[illegible]	–	–	0.[illegible]
Littlehampton	c	bc	[illegible]	[illegible]	–	0.3	0.[illegible]
Worthing	cb	c	[illegible]	44	–	–	0.0
Brighton	co	oc	[illegible]	44	[illegible]	–	0.0
Eastbourne	ic₀o	oc	41	45	4	0.2	0.0
Hastings‖	[illegible]	ocbc	41	44	5	0.3	0.0
Folkestone	[illegible]	[illegible]	[illegible]	46	[illegible]	trace	0.0
Dover	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	0.0
Tunbridge Wells	oc	[illegible]	[illegible]	45	[illegible]	trace	0.1
Ramsgate	obc	cbc	40	[illegible]	[illegible]	0.3	0.[illegible]
Margate	c.bc	[illegible]	40	[illegible]	[illegible]	0.4	0.3
Deal	r₀o	o	33	47	[illegible]	1	[illegible]

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* Information not usually received. ℗ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‖ See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 21h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24.035 Friday, 11th November 1927.

Observations at 13h. G.M.T. 10th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1001.0	+1	N	7	~~bc/p~~ bc	40	75	8	4000	Cu	6	-	6	*
Stornoway	1009.5	+1	N	4	bc/pho	38	65	8	4000	CuNb	7	-	7	*
Wick	1003.6	+3	NNW	6	c	39	85	8	1500	CuNb	6	CiSt	8	*
Tiree	1009.6	+2	N	6	cjp	41	75	8	2500	CuNb	8	-	8	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1001.5	+3	NNW	4	crs.	37	92	8	1500	CuNb	9	-	9	7
Malin Head	1010.2	+2	NNW	7	bcjp	44	85	8	4000	CuNb	7	-	7	*
Renfrew	1006.6	+3	W	2	bc-v+	41	55	9	4000	Cu	4	-	4	1
Edinburgh (Inchkeith)	1003.5	*	NW	4	bcv	38	75	9	5700	Cu	2	ACu	3	*
Leuchars	1003.5	+2	NNW	4	bc	40	65	8	4000	CuNb	3	-	3	1
Eskdalemuir	1003.7	+2	NNW	5	b	36	65	7	4000	Cu	1	-	1	7
Tynemouth	1000.8	+2	NW	3	os	35	92	6	1500	Nb	10	-	10	*
Blacksod Point	1014.0	+2	N	6	c+	46	65	7	*	StCu	9	-	9	*
Donaghadee	1007.8	+2	N	7	bc	44	92	8	2500	CuNb	4	-	4	*
Birr Castle	1010.3	*	N	3	c+	43	75	7	1500	Cu	8	-	8	*
Holyhead	1005.8	+2	N	6	bc	45	55	8	2500	Cu	5	-	5	1
Liverpool (Bidston)	1004.0	0	NW'N	4	b	41	55	8	2500	Cu	1	ACu	1	*
Chester (Sealand)	1003.9	+1	NNW	6	bc	42	65	8	2500	Cu	2	ACu	4	1
Harrogate	1001.1	0	N	5	os‡	38	65	6	2500	Nb	10	-	10	*
Spurn Head	997.6	0	WNW	7	b	39	85	7	2500	CuNb	2	-	2	*
Birmingham (Edgbaston)	1002.8	0	NNW	4	b	39	55	6	2500	Cu	1	-	1	2
Cranwell	1000.1	0	NNW	6	bc+	40	75	7	2500	Cu	7	-	7	0
Gorleston	996.7	+1	NNW	3	c/r	39	85	6	2500	CuNb	9	-	9	*
Valentia (Cahirciveen)	1014.1	0	N'W	5	bc	48	65	8	2500	StCu	5	ACu	6	1
Roches Point	1012.1	+1	N	3	bc/pr.	43	92	8	1500	Cu	3	-	3	*
Pembroke (St. Ann's H.)	1007.1	+3	NNE	4	c/PH	35	97	7	1500	StCu	9	-	9	*
Ross-on-Wye	1003.6	+1	NNW	4	b-	42	55	8	4000	StCu	1	-	1	1
Leafield	1001.7	+1	NW	5	b	39	55	8	4000	Cu	1	-	1	1
Winchester (Worthy Dn.)	1002.2	+1	NW	4	bc+	41	85	8	2500	Cu	7	-	7	1
S. Farnborough	1001.5	0	N	3	bc	41	65	7	2500	Cu	4	-	4	1
London (Kew Obsy.)	1001.0	0	N'E	3	bc+	41	65	6	2500	Cu	4	-	4	2
Croydon	1000.9	+1	NW'N	4	c	39	75	5	1500	StCu	9	-	9	1
Shoeburyness	999.4	+2	NW'N	4	c+	39	85	8	1500	StCu	8	ASt	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	998.5	+1	NNW	5	c/r	37	97	8	800	St	6	Ci	8	5
Lympne	999.4	+1	NW	4	c	37	85	6	800	St	10	-	10	1
Scilly (St. Mary's)	1008.6	+2	NNW	7	bc	47	97	7	4000	StCu	7	-	7	*
Falmouth (Pendennis)	1006.9	+1	NNW	4	c/PR-	41	92	8	4000	CuNb	4	ASt	8	*
Plymouth (Cattewater)	1005.3	+1	NNW	5	cjp	44	65	8	4000	CuNb	9	ACu	9	2
Portland Bill	1002.9	+1	NNW	4	bc	43	65	8	2500	Cu	7	-	7	*
Southampton (Calshot)	1002.4	0	NW'N	4	b+	43	65	7	4000	Cu	2	-	2	0
Dungeness	999.6	+1	NNW	3	c+	38	85	7	800	StCu	10	-	10	*
Guernsey (Fort George)	1003.8	0	N	4	bcv	46	65	9	4000	Cu	7	-	7	*

Observations at 18h. G.M.T. 10th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003.7	+3	N	4	~~bc/p~~ bc	38	85	8	4000	Cu	5	-	5	*
Stornoway	1011.3	+2	N	5	c/pho	36	85	7	4000	CuNb	8	-	8	4
Wick	1006.4	+3	NNW	4	bc/pra	37	97	8	1500	CuNb	3	CiSt	5	4
Tiree	1010.9	+1	N	6	bcv	41	65	9	2500	CuNb	3	-	3	6
Nairn	1007.9	*	N	3	c	35	85	8	1500	CuNb	8	-	8	*
Aberdeen	1004.3	+4	NNW	4	bcs	35	92	7	2500	CuNb	5	-	5	4
Malin Head	1011.6	+2	NNW	6	c/pho	41	97	8	4000	StCu	9	-	9	6
Renfrew	1008.4	+3	NW	2	b-	37	65	8	-	-	0	-	0	*
Edinburgh (Inchkeith)	1005.7	*	NNW	3	bv-	36	75	9	5700	Cu	1	-	1	1
Leuchars	1006.1	+3	NW	3	b	35	75	8	4000	StCu	1	-	1	*
Eskdalemuir	1006.0	+3	NNW	6	b	33	65	7	-	-	0	-	0	*
Tynemouth	1002.3	+1	NW	3	ojp	36	92	6	1500	Nb	10	-	10	6
Blacksod Point	1014.6	+2	N'W	6	bc	44	65	6	*	St	6	-	6	6
Donaghadee	1005.4	+3	N	7	bc-	42	92	8	2500	CuNb	5	-	5	5
Birr Castle	1012.4	*	N	3	bc-	38	85	7	2500	StCu	2	ACu	6	*
Holyhead	1007.2	+3	N'E	6	bc	44	65	8	2500	Cu	7	-	7	6
Liverpool (Bidston)	1006.2	+2	N'W	4	c+	39	55	8	2500	Cu	8	-	8	*
Chester (Sealand)	1005.4	+2	NNW	4	b	37	65	7	2500	Cu	1	-	1	*
Harrogate	1003.2	+1	WNW	3	b-	35	65	7	-	-	0	ACu	1	*
Spurn Head	999.0	+2	NW	7	c/PRS	38	97	7	2500	CuNb	9	-	9	6
Birmingham (Edgbaston)	1005.1	+3	NNW	4	b-	36	65	6	-	-	0	ACu	1	*
Cranwell	1002.5	+3	NW'N	4	os-	32	97	6	1500	Nb	10	-	10	*
Gorleston	998.5	+2	W	3	orr.	36	92	5	1500	Nb	10	-	10	0
Valentia (Cahirciveen)	1015.5	+1	N	5	bc/pr.	45	75	8	2500	StCu	7	-	7	3
Roches Point	1013.6	+3	N	3	bc	42	92	8	1500	Nb	4	-	4	1
Pembroke (St. Ann's H.)	1008.0	+1	NNE	4	c/PH	37	97	7	1500	StCu	8	-	8	2
Ross-on-Wye	1005.6	+3	NW	2	b	35	75	8	-	-	0	-	0	*
Leafield	1004.0	+2	NW	4	c	35	75	7	5700	StCu	6	ACu	8	*
Winchester (Worthy Dn.)	1004.0	+4	NW'W	2	bc	36	92	7	2500	StCu	5	-	5	*
S. Farnborough	1003.3	+3	NW	4	c+	38	65	7	2500	StCu	10	-	10	*
London (Kew Obsy.)	1003.2	+3	NW'N	2	bc	39	65	6	4000	StCu	7	-	7	*
Croydon	1002.9	+3	WNW	3	c/m	38	65	6	2500	StCu	10	-	10	*
Shoeburyness	1000.4	+2	N'W	3	b	35	85	5	1500	StCu	2	-	2	*
Clacton-on-Sea	1000.5	+2	WNW	4	bc	36	85	7	4000	StCu	4	-	4	1
Felixstowe	1000.4	+1	NW	4	b-	37	85	8	-	-	0	ACu	1	2
Lympne	1001.0	+2	NW	4	bc-	35	85	6	2500	StCu	2	ACu	3	*
Scilly (St. Mary's)	1009.6	+1	NNW	7	bc	45	65	8	4000	Cu	5	-	5	7
Falmouth (Pendennis)	1008.8	+2	NNE	3	bc-	40	85	8	4000	CuNb	5	-	5	1
Plymouth (Cattewater)	1007.7	+4	NNW	5	bc	41	85	8	4000	CuNb	7	-	7	0
Portland Bill	1004.0	+2	NNW	4	b-	43	65	8	2500	StCu	2	-	2	1
Southampton (Calshot)	1004.3	+3	WNW	4	b	37	75	6	4000	Cu	2	-	2	0
Dungeness	1001.1	+3	NW	3	bm-	35	85	4	-	-	0	-	0	3
Guernsey (Fort George)	1005.4	+1	NNW	4	crs	43	65	7	2500	CuNb	8	-	8	3

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather. Morning. (24 Hours ended 9h.)	Weather. Afternoon. (24 Hours ended 9h.)	Weather. Night. (24 Hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility.§ (To-day.)
Kew } 24 hours ended 7h.	18	bx bc	bc 2c	cbc 2mx	42	32	27	-	-	3.6	*	*	6
Croydon } 24 hours ended 7h.	244	bm x c	c2b c2	css nbx	41	30	26	-	Tr	3.4	*	*	5
Greenwich (Royal Obsy.)	149	bc x	cbc	cd bcb	41	32	26	-	Tr	0.1	64	68	7
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	43	30	23	-	-	0.8	58	64	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	2.9	*	*	*
Camden Square	110	xbc	cbcc	*	41	32	26	-	-	*	*	74	*
Kensington Palace	80	c	bbcc	*	41	32	26	-	-	*	(At 18h.) 94	70	*
Hampstead Observatory	450	*	*	*	40	29	28	Tr	-	3.9	*	70	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 11th

South Kensington

Max.	Time.	Min.	Time.
1.2	8h. 10m.	<0.3	4h. 11m.

Kew Observatory

Max.	Time.	Min.	Time.
0.5	9h. 10m.	<0.3	14h. 10m.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10h. 17m. to 11th 6h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.0	6.42	52
δ Ursae Minoris	13.0	6.30	50

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Rime ground frozen (but less than 2 ins. deep).
4=Rime ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

11th—12th 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.9	11.37	16.5
	7.10	11.37	16.4
Greenwich	7.11	11.44	16.16
	7.13	11.44	16.14
Wick	7.52	11.56	16.0
	7.54	11.56	15.58
Valentia	7.54	12.28	16.56
	7.55	12.28	16.54

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, visibility less than 200 m.
m mist, " 1000—12000 m.
H hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. ro = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☽ = lunar halo.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1½ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

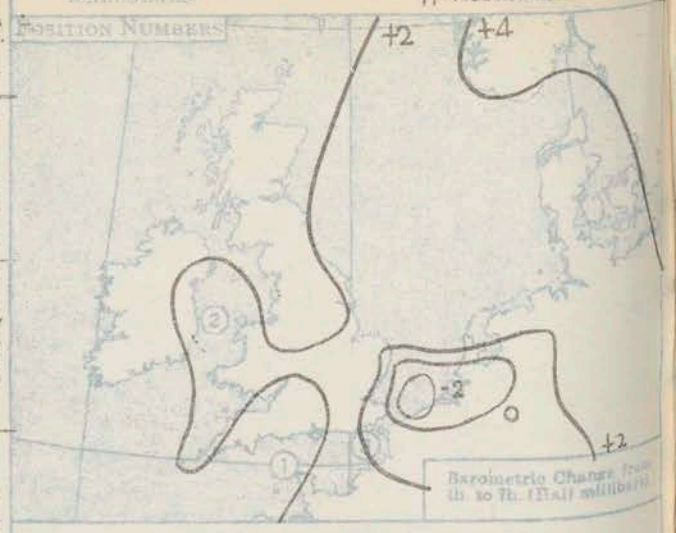
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 10th	13h.-18h. 10th	18h. 10th to 1h. 11th	1h.-7h. 11th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. num.	began.	Night. num.	began.	SUN 10th Hours.
Lerwick	cbcprsb	bcprq	cipsqb	b	40	33	•	1	<8.00	Trace	<21.00	2.8
Stornoway	7h	7h	c	c	39	33	•	1	•	0.3	•	2.7
Wick	cpshc	cpr.	cprs	prsbc	40	34	•	2	9.00	1	<21.00	•
Tiree	prhbc	prhbc	phbc	pr.bc	42	39	34	0.5	<8.00	0.2	<21.00	3.3
Nairn	cprsq	prsc	cprs	bc	37	34	•	1	<8.00	0.2	22.00	0.4
Aberdeen	csbcpsq	bcesrshpq	cpshqbc	bcqpsh	38	33	31	5	<8.00	7	<21.00	1.3
Malin Head	bccqbcfh	becphr	cp.c	cv	44	39	•	1	<8.00	Trace	<21.00	3.0
Renfrew	bxbcy	bcy.b	bx	bx	43	28	19	–	–	–	–	6.2
Edinburgh (Inchkeith)	bc	bc b	bbcb	b-bc	40	34	27	–	–	–	–	4.7
Leuchars	ps.bbc	bccb	bx	bx	41	27	19	Trace	<8.00	–	–	5.5
Eskdalemuir	b	bbcb	b	b	36	30	25	–	–	–	–	7.6
Tynemouth	oisq	acis	obcp.s	cois.	36	33	31	14	<8.00	3	<21.00	•
Blacksod Point	pqcoq	rcqbc	pcqc	pcbcb	(46)	40	•	11	*	1	*	•
Donaghadee	bc	bc	bcq	bcq	44	40	•	–	–	–	–	•
Birr Castle	bbcc	cphr	bc	bc	44	35	31	0.2	14.30	–	–	3.7
Holyhead	prhqbc	bc ph.	cp.rhc	cbc	45	40	38	1	9.00	0.2	<21.00	4.0
Liverpool (Bidston)	bccby	bce	cbcby	yb	41	35	28	–	–	–	–	5.1
Chester (Sealand)	bc	bcb	b	bbcx	42	32	24	–	–	–	–	5.7
Harrogate	cdbccois	osbcb	b	b	38	32	29	Trace	11.00	–	–	3.9
Spurn Head	bcqbb	bccqprs	cqprs	cqprs	40	35	•	6	14.30	15	<21.00	4.9
Birmingham (Edgbaston)	b	bbcb	b	bx	39	31	28	–	–	–	–	5.5
Cranwell	bcbbc	crs s	cbc,c	bbc	41	31	29	0.3	9.00	Trace	<21.00	4.1
Gorleston	osbcpr.	cohrsc	bcor.q	orqphr	41	34	33	4	9.00	9	<21.00	2.6
Valentia (Cahirciveen)	cypc	bcopc	bcp.	p	49	43	37	2	9.00	0.6	<21.00	4.8
Roches Point	bcp.bc	bcp.	bcp.c	c	46	40	•	0.3	12.30	2	<21.00	•
Pembroke (St. Ann's H.)	irsh	irh	cph	cqph	47	33	•	15	9.00	14	<21.00	0.2
Ross-on-Wye	bbcby	bybcyb	bx	bx	43	30	28	–	–	–	–	8.2
Leafield	bcb	bcc	bcbx	bx	39	29	25	–	–	–	–	6.7
Winchester (Worthy Dn.)	bbc	bc	bcbbcc	cbcbx	42	28	24	Trace	*	–	–	6.3
S. Farnborough	bxbbc	bcc	cbc	bcbx	42	30	24	–	–	–	–	6.2
London (Kew Obsy.)	bxbc	bc3.	cb2	bcbmx	42	32	27	–	–	–	–	3.6
Croydon	bm.xc	c3bc3.	cs.s.m.	cbxm.	41	30	26	–	–	Trace	<21.00	2.6
Shoeburyness	bco	bc	bcm	oc	42	33	31	–	–	–	–	3.7
Clacton-on-Sea	bbcc	cbc	bc	bc	40	34	31	–	–	–	–	~~3.7~~ 4.0
Felixstowe	cmpr	crsbc	b	bcpr	40	35	32	0.3	11.00	Trace	4.30	1.5
Lympne	bbccm.	cbcm.	bcors	cm.	38	32	28	–	–	Trace	<21.00	3.4
Scilly (St. Mary's)	bcp.	bc	bcp.	bcc	47	43	•	Trace	<8.00	Trace	<21.00	7.8
Falmouth (Pendennis)	bccpr	cpr	bcpfq	bcpm	45	37	•	5	<8.00	5	<21.00	0.8
Plymouth (Cattewater)	bcqpr	cqvprbc	bbc	bcrs	47	35	31	0.2	<8.00	0.4	5.30	2.8
Portland Bill	bc	bc	bl	bc	45	37	•	–	–	–	–	•
Southampton (Calshot)	b	beyq	bcmb	bcmb	44	32	29	–	–	–	–	~~8.3~~ 7.4
Dungeness	bzxbcc	cbc3	bzmoc	cz	39	30	•	–	–	–	–	•
Guernsey	cbcv	crs.	rs.	crsbcc	cvy	46	37	•	Trace	<8.00	0.1	<21.00	3.9

† For code see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.

ISALLOBARS. 11th November. 1927.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Authority.
2	10th 10h	Cambria	N	7	S	46	54	8
1	10th 12h	St. Julien	N	5	rs.	49	56	8
3	11th 2h	Arundel	NNW	5	rs	41	55	6

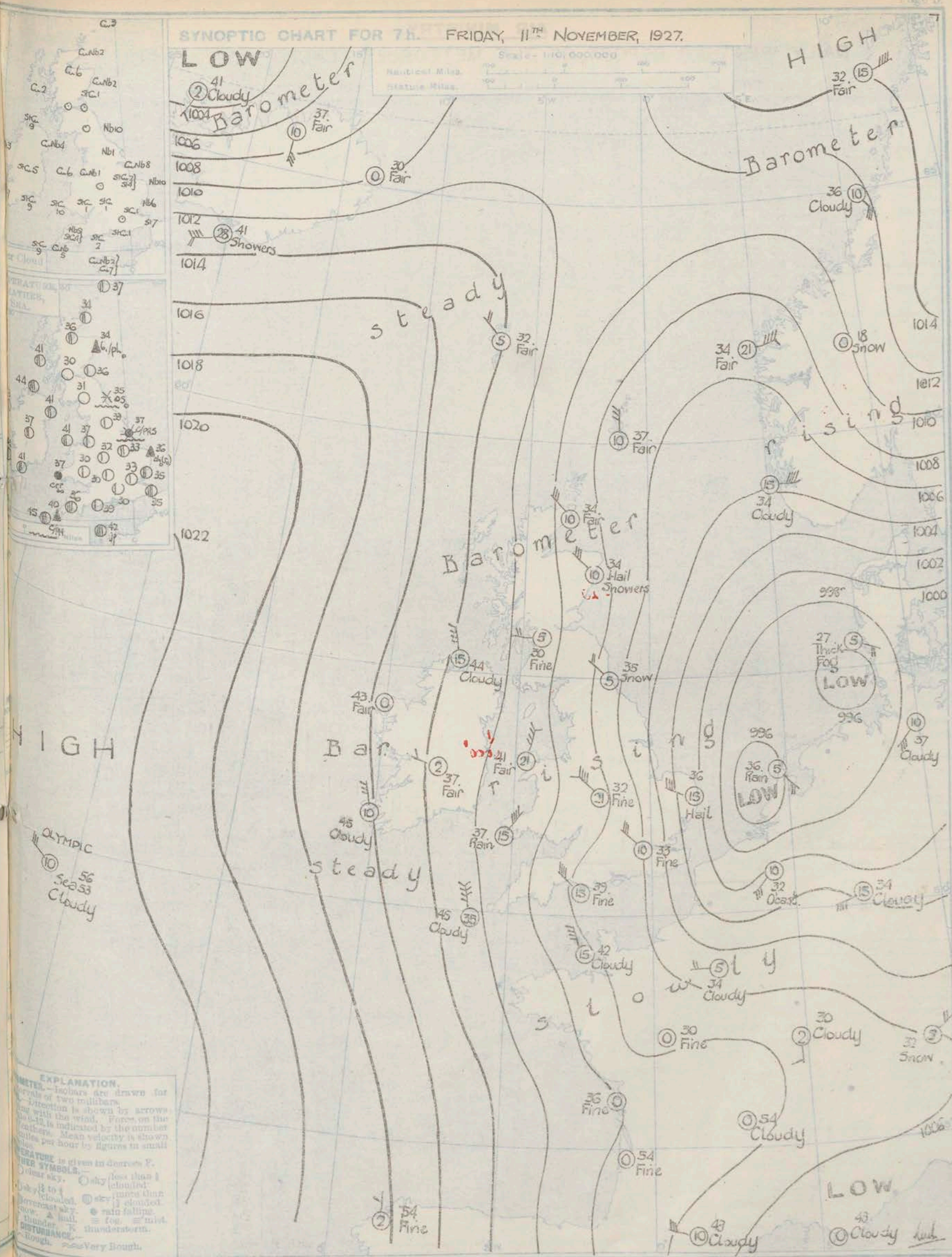
GENERAL INFERENCE.

An anticyclone is centred north of the Azores. A depression is moving slowly southwestwards across the Southern part of the North Sea and is filling up. The barometer is rising over nearly the whole of Europe. Further local wintry showers are probable today but sunny periods will occur nearly everywhere except possibly near the east coast of England. Winds will gradually decrease and sharp frost is expected tonight.

Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 11th November, 1927.

Districts.	Forecasts	Further Outlook.
1. S.E. England	Wind N. to N.W., moderate to light; fine; cold, sharp frost at night.	Lighter winds than of late; sharp frost at night in most places; with perhaps a tendency for fog.
2. E. England	Wind northerly, strong locally at first, becoming light by tomorrow; intermittent sleet or snow near the coast today, generally fine tomorrow; cold, frost at night.	
3. E. Midlands		
4. W. Midlands	As 1.	
5. S.W. England	Strong N. to N.W. winds, moderating; mainly fine but local wintry showers today; cold, frost at night.	
6. South Wales	As 1.	
7. North Wales	Wind N.W., becoming light; mainly fine, but a few local wintry showers today; cold, sharp frost at night.	
8. N.W. England		
9. N. Midlands		
10. N.E. England	Wind northerly, backing to N.W., strong locally at first, becoming light by tomorrow; intermittent sleet or snow near the coast today, generally fine tomorrow; cold, frost at night.	
11. S.E. Scotland		
12. S.W. Scotland & Isle of Man		
13. (A. W. Scotland, B. N.W. Scotland)	Wind N.W., backing towards W., moderate to fresh, decreasing; mainly fine but a few local showers of sleet or snow today; cold, sharp frost tonight.	
14. Mid-Scotland		
15. N.E. Scotland		
16. Orkneys and Shetlands		
17. N.W. Ireland	As 7 - 9.	
18. N.E. Ireland		
19. S.E. Ireland	As 1.	
20. S.W. Ireland		

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0955 G.M.T. G. C. SIMPSON, F.R.S., Director.


SYNOPTIC CHART FOR 7h. FRIDAY, 11TH NOVEMBER, 1927.
LOW
HIGH
Barometer steady
Barometer rising
Barometer falling
Barometer steady
Barometer rising steadily
LOW
LOW
LOW
HIGH
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
998
996
996
OLYMPIC
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Friday, 11th November 1927. No. 315.

Stations	Height above M.S.L. in feet	1h. Barom. at M.S.L. mb.	1h. Change in 3 Hours	1h. Wind Direc.	1h. Wind Force 0-12	1h. Weather	1h. Temp. °F.	1h. Humidity %	1h. Visibility 0-9	1h. Low Cloud Height Feet	1h. Low Cloud Form	1h. Low Cloud Amt. 0-10	1h. Upper Form	1h. Total Amt. 0-10	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours	7h. Wind Direc.	7h. Wind Force 0-12	7h. Weather	7h. Temp. °F.	7h. Humidity %	7h. Visibility 0-9	7h. Low Cloud Height Feet	7h. Low Cloud Form	7h. Low Cloud Amt. 0-10	7h. Upper Form	7h. Total Amt. 0-10	Sea 0-9
Lerwick	54	1004.9	+3	N	4	b	39	65	8	4000	Cu	2	-	2	1007.4	+1	N	3	bc	37	85	8	4000	Cu	3	-	3	*
Stornoway	30	1012.6	0	N	4	c	38	*	7	*	*	*	*	*	1012.2	0	N	2	c	35	75	7	2500	St	6	ac	8	1
Wick	81	1008.4	+2	NNW	4	c/prs.	~~37~~	97	8	1500	Cu.Nb	8	-	8	1009.6	+1	NW	3	bc	34	97	8	1500	Cu.Nb	2	C.St	4	1
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.0	+1	N'W	4	bcx	41	65	9	4000	Cu	2	A.St	7	4
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.4	*	NW	4	bc	36	85	8	4000	Cu	6	-	6	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.3	+1	NW	3	b/ph.	34	92	8	2500	Cu.Nb	2	-	2	1
Malin Head	61	1012.5	+1	NNW	6	c	43	75	8	5700	St.Cu	8	-	8	1013.5	+1	NNW	4	cv	44	85	9	5700	St.Cu	9	-	9	4
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.3	+1	W	2	b	30	75	8	-	-	0	-	0	*
Edinburgh (Inchkeith)	190	1007.3	*	NW	3	bv	35	75	9	-	-	0	A.Cu	1	1008.8	*	NW	3	b	36	75	8	-	-	0	A.Cu	1	1
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.7	+1	NW	3	b	28	85	8	2500	St.Cu	1	-	1	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.6	+1	NNW	5	b	31	75	8	-	-	0	-	0	*
Tynemouth	67	1004.1	+1	NW	3	bcjp	35	85	7	1500	Cu.Nb	7	-	7	1006.8	+2	NW	2	os.	35	92	6	1500	Nb	10	-	10	6
Blacksod Point	18	1015.3	0	N	5	c	43	75	7	*	Cu.Nb	8	-	8	1015.5	+1	-	0	bc	43	75	7	*	St	3	-	3	0
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.1	+2	N	7	bc+	41	92	8	2500	Cu.Nb	4	-	4	4
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.8	*	WNW	1	bc	37	92	7	4000	St.Cu	5	A.Cu	7	*
Holyhead	26	1008.3	+1	NNE	6	c	43	65	8	2500	St.Cu	9	-	9	1010.8	+3	N'E	5	bc+	41	65	8	4000	Cu	6	-	6	5
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	+1	NNW	4	b	37	65	8	1500	Cu.Nb	1	-	1	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.9	+2	NNW	3	b-	34	75	8	2500	St.Cu	1	-	1	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.3	+1	WNW	3	b	33	75	8	4000	Nb	1	-	1	*
Spurn Head	29	999.6	0	W'N	8	c	36	97	6	4000	Cu.Nb	10	-	10	1002.0	+2	NW'W	7	c/PRS	37	97	7	1500	Cu.Nb	8	-	8	*
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.7	+2	NW	5	b	32	75	6	-	-	0	A.Cu	1	*
Cranwell	236	1003.0	0	NW	5	b-	32	85	6	2500	St.Cu	1	A.Cu	2	1005.2	+3	NW	5	bc	33	97	7	1500	St	6	-	6	*
Gorleston	14	998.6	0	WNW	4	or.r.	37	97	7	800	Nb	10	-	10	999.0	0	WNW	4	orh.rh.	36	97	6	800	Nb	10	-	10	1
Valentia (Cahirciveen) ℙ	30	1016.7	0	NNW	3	cv-	46	92	9	*	Nb	9	-	9	1016.4	0	N'W	3	c	45	75	8	2500	St.Cu	7	A.C.	8	0
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.3	+1	NW	3	c	41	92	8	1500	St.Cu	9	-	9	1
Pembroke (St. Ann's H.)	150	1009.5	+1	N	4	e/PH	36	97	8	800	St.Cu	8	A.Cu	9	1011.2	+2	NE	4	cf.f.	37	97	7	1500	St.Cu	10	-	10	2
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.4	+2	SW	2	b	30	85	8	4000	St.Cu	1	-	1	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.4	+1	NW	5	b	30	85	8	5700	St.Cu	1	-	1	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.4	+1	WNW	3	b	29	97	8	4000	St.Cu	1	-	1	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.4	+2	NW	4	b	30	92	7	-	-	0	Ci	1	*
London (Kew Obsy.)	18	*	*	*	*	*	34	*	*	*	*	*	*	*	1006.2	+3	NW	3	b	33	75	6	2500	St.Cu	1	-	1	*
Croydon	244	1004.2	+1	NW'W	2	c	33	85	7	4000	St.Cu	6	A.St	10	1006.0	+2	NW'W	3	b	31	85	6	4000	St.Cu	1	-	1	3
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.7	+2	N'W	4	c-	35	85	6	2500	St.Cu	9	-	9	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.2	+1	NW	5	bc	35	85	7	4000	Nb	6	-	6	2
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.2	+2	NNW	5	bc/r	35	97	8	800	St	6	A.St	7	4
Lympne	350	1002.5	+1	NW	4	c+	35	85	6	1500	St.Cu	10	-	10	1003.5	+1	NW	4	c	33	85	6	1500	St.Cu	10	-	10	*
Scilly (St. Mary's)	163	1012.3	+2	N'W	7	bc	44	65	8	4000	Cu	5	-	5	1012.2	+2	NNW	7	cv	45	55	9	4000	St.Cu	9	-	9	3
Falmouth (Pendennis)	200	1010.0	+1	N'W	4	bc/pf	38	85	7	4000	Cu.Nb	7	-	7	1010.8	+2	NNE	5	c/PH	40	85	7	4000	Cu.Nb	5	A.St	8	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.3	+1	N	3	c	36	92	7	4000	Nb	9	-	9	0
Portland Bill	32	1006.2	+1	NW	4	b	40	65	8	4000	Cu	1	-	1	1007.3	+1	NW	4	b-	39	65	8	2500	St.Cu	2	-	2	1
Southampton (Calshot)	10	1006.2	+1	NW	5	b	36	75	8	-	-	0	-	0	1007.5	+2	WNW	4	b	32	85	7	4000	St.Cu	1	-	1	*
Dungeness	20	1002.3	+1	NNW	3	c+	37	75	7	1500	St.Cu	8	-	8	1004.2	+2	NW	3	c	33	85	6	800	St	7	A.Cu	9	*
Guernsey (Fort George) ℙ	295	1007.0	+2	N	1	bcv-	39	85	9	2500	St.Cu	6	-	6	1008.8	+2	NNW	4	cjpv	42	55	9	2500	Cu	9	-	9	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 10th November.

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 9th to 9h. 10th (4) °F	Temperature Max. 9h.-17h. 10th (5) °F	Rainfall† Night 17h.-9h. 9th-10th (6) mm.	Rainfall† Day 9h.-17h. 10th (7) mm.	Sunshine Sunrise to Sunset 10th (8) hr.
Berwick-on-Tweed	cs.	r.c	33	40	3	1	1.4
Douglas (I. o. M.)	b	b	37	43	0.3	-	7.4
Llandudno	cbcir	cbbc	40	45	3	Trace	3.0
Colwyn Bay	crc	cbbcc	40	44	3	0.3	2.4
Rhyl	cbc	bcc	39	44	2	-	3.0
Wallasey	bbc	bc	38	43	0.3	-	4.7
Southport	b	b	*37	~~45~~ 42	-	-	7.6
Blackpool	bc	bbc	33	41	-	-	7.5
Ilkley	xbc	bc	26	40	1	-	3.7
Cleethorpes	bcr	so	30	40	4	1	3.7
Skegness	bccsr	shcbc	30	40	1	Trace	4.2
Aberystwyth	cbwbc	bcc	35	43	-	0.5	5.5
Bath	b	b	32	44	-	-	7.5
Cheltenham‖	xbcb	bcbc	29	42	-	-	5.5
Leamington Spa	bc	cbc	28	40	0.2	-	6.1
Lowestoft	bcrs	cbcb	31	42	0.2	-	3.4
Felixstowe	bc	bcbbc	33	39	-	0.4	1.6
Harwich & Dovercourt	bc	bcw	30	40	Trace	-	2.6
Southend	bco	cbc	29	41	-	-	3.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cbc	co	41	46	1	-	2.6
Bude	bccb	bcb	37	46	3	1	1.9
Penzance	bcirw	bcrc	45	49	4	2	[illegible]
Paignton	bbc	bw	37	?	3	-	[illegible]
Torquay	xbbc	b.b	35	48	2	Trace	[illegible]
Jersey	rb	bc	42	49	2	-	[illegible]
Weymouth	b	b	32	46	0.1	-	[illegible]
Bournemouth	b	b	32	44	-	-	[illegible]
Ventnor	bx	b3	33	43	-	-	[illegible]
Portsmouth (S'th sea)	b	bbc	32	43	-	-	[illegible]
Bognor	xb	bcbc	30	42	-	-	[illegible]
Littlehampton	bcb	bbcb	30	42	-	-	[illegible]
Worthing	bbc	cbc	30	41	-	-	[illegible]
Brighton	bbc	cbcb	32	41	-	-	[illegible]
Eastbourne	bbc	cbw	32	41	-	-	[illegible]
Hastings‖	bbcc	co	30	40	-	-	4.0
Folkestone	bxmc	cbc	30	40	Trace	Trace	[illegible]
Dover	bbc	cobc	32	39	-	0.2	[illegible]
Tunbridge Wells	bc	bco	27	39	-	-	[illegible]
Ramsgate	bo	orc	34	40	-	1	[illegible]
Margate	bc	crbc	34	42	-	0.5	[illegible]
Deal	bco	oro	31	39	2	1	[illegible]

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ℙ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ✱ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24.096 Saturday, 12th November 1927.

Observations at 13h. G.M.T. 11th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1009.6	+3	E	3	crs-	39	85	7	4000	Nb	9	-	9	•
Stornoway	1013.0	0	-	0	c	41	85	8	2500	StCu	8	-	8	•
Wick	1011.5	+2	NNW	3	c	40	97	8	2500	CuNb	6	CiSt	8	•
Tiree	1013.2	0	N'E	2	orr.	38	97	6	800	Nb	10	-	10	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1009.7	+1	NW	4	bcjp	36	85	8	2500	CuNb	3	ACu	4	7
Malin Head	1012.8	-2	NW	3	cr	44	97	8	4000	CuNb	3	ASt	10	•
Renfrew	1012.2	0	NW	2	bv	42	55	9	7200	Cu	1	-	1	1
Edinburgh (Inchkeith)	1009.9	*	NNW	3	b	39	65	8	4000	Cu	1	ACu	2	•
Leuchars	1010.9	+1	NNW	3	bc	40	55	8	5700	StCu	3	-	3	1
Eskdalemuir	1010.5	+1	NW'N	4	b	37	55	7	-	-	0	-	0	3
Tynemouth	1007.5	+1	NW	3	bc/s	37	92	7	1500	CuNb	7	-	7	•
Blacksod Point	1015.7	+1	-	0	bcv	46	75	9	-	-	0	ACu	7	•
Donaghadee	1013.5	+1	NW	3	cjp	43	92	8	2500	Nb	5	ASt	8	•
Birr Castle	1014.1	•	WNW	2	bc	45	55	8	4000	StCu	4	CiCu	7	•
Holyhead	1011.6	0	N	5	cv+	44	55	9	4000	StCu	9	-	9	1
Liverpool (Bidston)	1011.0	+1	NW	4	bv-	40	55	9	2500	Cu	1	-	1	•
Chester (Sealand)	1010.3	0	NNW	4	b-	42	55	8	2500	Cu	2	-	2	1
Harrogate	1008.4	+1	N	4	b	38	65	8	-	-	0	ACu	1	•
Spurn Head	1004.2	+1	NW	7	c/PRS	38	92	6	2500	CuNb	9	-	9	•
Birmingham (Edgbaston)	1009.4	+1	NNW	4	b	38	65	6	-	-	0	-	0	2
Cranwell	1006.7	+1	NNW	6	b	39	85	7	2500	StCu	2	-	2	1
Gorleston	1001.6	+3	NNW	3	oh(r)	40	92	6	800	Nb	10	-	10	•
Valentia (Cahirciveen)	1017.0	0	NE'N	1	bcv	48	65	9	2500	StCu	5	ACu	6	1
Roches Point	1016.5	+1	N	2	c	44	75	8	2500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1012.5	+2	NNW	4	c/PR	40	97	7	1500	St	7	ASt	9	•
Ross-on-Wye	1010.0	+1	NNW	4	b	41	55	8	4000	Cu	2	-	2	1
Leafield	1008.9	+2	NW	5	b	38	65	7	-	-	0	ACu	1	0
Winchester (Worthy Dn.)	1008.8	+1	NW	4	b	41	85	8	4000	Cu	1	-	1	5
S. Farnborough	1007.9	+1	NW	4	b	42	65	6	-	-	0	-	0	0
London (Kew Obsy.)	1007.5	0	NW'N	4	b	41	55	6	2500	Cu	1	-	1	1
Croydon	1007.7	+2	NW	3	bc+	41	65	6	2500	StCu	4	-	4	1
Shoeburyness	1005.1	0	NNW	6	b-	42	65	8	5700	Cu	2	-	2	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1004.0	+1	NNW	5	bc+	42	85	8	1500	Cu	6	-	6	1
Lympne	1006.0	+2	NW	5	b	41	65	6	1500	St	2	-	2	1
Scilly (St. Mary's)	1014.1	+1	N	6	bcv	46	55	9	4000	Cu	7	-	7	•
Falmouth (Pendennis)	1012.8	+1	N	3	bc-	43	85	8	4000	Cu	2	ACu	5	•
Plymouth (Cattewater)	1011.7	0	NNW	3	c	44	65	8	4000	StCu	9	-	9	2
Portland Bill	1009.4	+1	NNW	4	b	42	55	8	4000	Cu	1	-	1	•
Southampton (Calshot)	1009.1	0	NW	5	b	43	65	7	-	-	0	-	0	0
Dungeness	1005.2	0	NNE	3	b-	42	65	7	-	-	0	-	0	•
Guernsey (Fort George)	1011.0	+1	N	4	bcv-	46	55	9	4000	Cu	6	-	6	•

Observations at 18h. G.M.T. 11th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1012.6	+6	NE	3	crs.	38	85	7	4000	Nb	9	-	9	•
Stornoway	1015.2	+3	-	0	c	38	65	7	4000	StCu	9	-	9	0
Wick	1013.4	+3	NW	3	bc/prs	37	85	8	1500	CuNb	6	-	6	0
Tiree	1014.6	+1	NNE	4	cd.	40	92	9	1500	Nb	9	-	9	4
Nairn	1012.9	•	NW	2	C+	37	75	8	1500	CuNb	8	-	8	•
Aberdeen	1011.4	+2	NW	3	b/s	34	92	7	2500	CuNb	2	-	2	1
Malin Head	1013.3	+1	NE	3	crr.	42	97	7	4000	Nb	8	ASt	10	3
Renfrew	1013.4	+3	NW	1	b	33	75	8	5700	StCu	1	-	1	•
Edinburgh (Inchkeith)	1011.9	*	NW	3	b	36	75	8	5700	StCu	1	ACu	2	2
Leuchars	1012.5	+3	NW	3	bc	36	65	8	5700	StCu	4	-	4	•
Eskdalemuir	1012.4	+2	N	2	b	30	75	8	-	-	0	-	0	•
Tynemouth	1009.2	+2	NW	2	bc/rs	35	92	7	1500	CuNb	7	-	7	6
Blacksod Point	1016.4	+1	NW	1	c	45	85	7	•	St	9	-	9	1
Donaghadee	1013.8	+1	WNW	1	orr.	39	97	7	2500	Nb	10	-	10	1
Birr Castle	1015.1	•	W	1	C+	40	85	8	2500	StCu	4	ASt	8	•
Holyhead	1012.4	+1	NW'N	4	crr.	42	85	7	1500	Nb	6	ASt	10	4
Liverpool (Bidston)	1012.1	+2	NNW	3	b.	39	55	7	4000	StCu	1	-	1	•
Chester (Sealand)	1011.3	+2	NW'N	3	b-	35	75	6	2500	StCu	1	-	1	•
Harrogate	1010.4	+1	W	3	bc	34	75	7	-	-	0	ACu	13	•
Spurn Head	1006.2	+1	NW'W	7	bc-	38	92	7	4000	CuNb	4	-	4	6
Birmingham (Edgbaston)	1011.6	+3	NW	3	b	36	75	6	-	-	0	-	0	•
Cranwell	1008.9	+3	NW'N	4	bc	35	85	7	2500	Cu	5	-	5	•
Gorleston	1004.3	+3	NWW	4	oh(r)	38	92	6	800	Nb	10	-	10	1
Valentia (Cahirciveen)	1017.8	+2	-	0	bc	45	85	8	2500	StCu	4	ACu	6	0
Roches Point	1017.4	+1	NW	2	c	44	75	8	4000	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1013.9	0	NNW	4	c	44	75	8	1500	StCu	9	-	9	2
Ross-on-Wye	1011.7	+2	W	2	b	36	65	8	-	-	0	-	0	•
Leafield	1010.7	+1	NW'W	4	b	32	85	8	-	-	0	-	0	•
Winchester (Worthy Dn.)	1010.8	+3	WNW	3	b	32	92	7	-	-	0	-	0	•
S. Farnborough	1010.0	+3	NW	3	b	35	75	7	-	-	0	-	0	•
London (Kew Obsy.)	1009.7	+3	NW	3	b-	37	65	5	-	-	0	-	0	•
Croydon	1009.5	+3	WNW	3	b-	36	75	5	-	-	0	-	0	•
Shoeburyness	1007.0	+3	NNW	4	b	37	85	5	-	-	0	-	0	•
Clacton-on-Sea	1006.1	+2	NW	4	bc	37	75	6	5700	Cu	4	-	4	3
Felixstowe	1006.3	+3	NW'N	4	b	38	85	7	-	-	0	-	0	4
Lympne	1007.4	+3	NW	4	b	36	75	6	-	-	0	-	0	•
Scilly (St. Mary's)	1015.5	+2	NNW	6	bcv	44	65	9	4000	StCu	5	-	5	4
Falmouth (Pendennis)	1014.6	+2	NW	3	c/PR-	40	92	7	4000	CuNb	6	ASt	8	1
Plymouth (Cattewater)	1014.0	+4	NNW	3	bc-	40	92	8	4000	StCu	4	-	4	0
Portland Bill	1011.1	+1	NW	4	b	42	55	8	4000	Cu	1	-	1	0
Southampton (Calshot)	1011.0	+3	W'N	3	b	35	75	8	-	-	0	-	0	0
Dungeness	1007.3	+4	NNE	3	mmb	37	75	4	-	-	0	-	0	3
Guernsey (Fort George)	1012.7	+2	NNW	3	bcv-	42	55	9	4000	Cu	5	-	5	4

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew } 24 hours ended 7h.	18	b2o	by2o	bcmxm	42	30	21	-	-	7.0	•	•	5
Croydon } 24 hours ended 7h.	244	bxmbc2	bc2ob	bz2mcx	42	28	21	-	-	6.5	•	•	4
Greenwich (Royal Obsy.)	149	b2	b2	b2cbc	41	31	24	-	.	4.3	62	89	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	5.5	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	42	30	19	-	-	5.6	83	91	•
Regent's Pk. (Botanic Gdns).	188	•	•	•	•	•	•	•	•	6.0	•	•	•
Camden Square	110	xb	b	•	43	30	22	-	-	•	•	89	•
Kensington Palace	80	b	b	•	42	30	22	-	-	•	(At 18h. G.M.T.) 90		•
Hampstead Observatory	450	•	•	•	42	25	18	-	Tr	6.7	•	91	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 12th

South Kensington Max.	Time.	Min.	Time.
0.8	20h. 11th	0.3	2h. 12th

Kew Observatory Max.	Time.	Min.	Time.
0.5	20h. 11th	<0.3	10h. 11th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 17 h. 15 m. to 12th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.0	11.5	85
δ Ursae Minoris	13.0	11.5	85

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

12h. - 13th, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.10 7.12	11.37 11.37	16.4 16.2
Greenwich	7.13 7.15	11.44 11.44	16.14 16.13
Wick	7.54 7.57	11.56 11.57	15.58 15.56
Valentia	7.55 7.57	12.25 12.25	16.54 16.53

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy

d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.

x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.
<= (less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "sondas" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; ~ = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

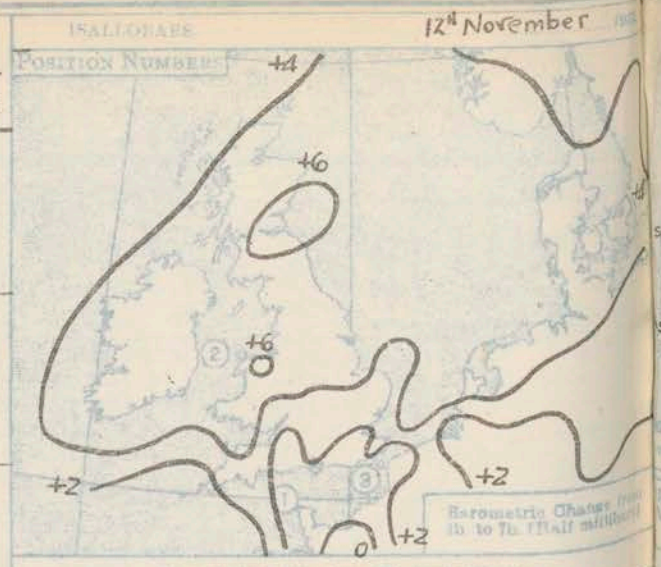
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	13½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 11th	WEATHER. 13h.-18h. 11th	WEATHER. 18h. 11th to 1h. 12th	WEATHER. 1h.-7h. 12th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	RAINFALL† Day. 7h.-18h. began.	RAINFALL† Night. 18h.-7h. mm.	RAINFALL† Night. 18h.-7h. began.	SUN 11th Hours.
Lerwick	bbcqprsbqciprhsq		b	b	40	33	•	2	<8.00	–	–	1.8
Stornoway	c	c	c	cbc	41	28	•	—	•	—	•	1.0
Wick	c	bcprs	prh	b-bc	40	28	•	0.3	12.30	0.2	<21.00	•
Tiree	orr.	r.bco	d.obc	bc	41	37	29	4	<8.00	0.2	<21.00	0.0
Nairn	bc	bcc	cbc bbs	cpbc	38	30	•	–	–	1	2.30	1.9
Aberdeen	bcq,ps	cpscs	bcpsh	bcpsh	36	32	28	2	<8.00	6	<21.00	4.0
Malin Head	cvir	orr	orr.cbc	bcbv	46	40	•	6	9.00	0.4	<21.00	0.0
Renfrew	bxy	by	bx	bx	43	23	16	–	–	–	–	7.0
Edinburgh (Inchkeith)	b-bc	bc b	b	p	40	35	27	–	–	Trace	6.30	6.1
Leuchars	b-bc	bc	bbcx	bbcx,p	41	30	21	–	–	0.3	5.30	6.1
Eskdalemuir	b	b	bb	bbxcpsh	37	27	21	–	–	0.3	5.30	7.8
Tynemouth	oiS	oirsl	coirhq	cprhq	39	34	31	12	<8.00	5	<21.00	•
Blacksod Point ...	cp.bc	pbcc	p.cbc	p.bcc	47	40	•	Trace	*	1	*	•
Donaghadee	bcc	orr.	ir.bc	bc	44	38	•	5	13.30	0.4	<21.00	•
Birr Castle	bc	bcc	cpr.	bx	45	28	16	–	– 0.2	–	–	1.6
Holyhead	bcv	cvr.	rrr.c	c	45	41	39	1	16.30	2	<21.00	4.7
Liverpool (Bidston) ...	bcbvy	bbcb	bbcyb	bbx	40	34	27	–	–	–	–	7.0
Chester (Sealand) ...	bbc	b	bbm.	bcm.	42	30	18	–	–	–	–	6.9
Harrogate	bbc	b bz	bbcc	csbcb	39	32	29	–	–	0.6	24.00	7.4
Spurn Head	cq,PRS	cprbcl	cqpr	cqprph	40	35	•	5	<8.00	7	<21.00	~~0.0~~ 1.9
Birmingham (Edgbaston)	b	b	b	bccs.	39	29	24	–	–	Trace	6.30	6.5
Cranwell	c	bccbc	bbc	cs	40	31	28	–	–	3	3.30	6.9
Gorleston	oq,thr	ohrorr	ohrcorr	orrhlq	43	36	35	5	<8.00	10	<21.00	0.0
Valentia (Cahirciveen)	cp.bc	bcv	bbco	bcop	49	42	33	Trace	9.00	0.2	2.30	4.7
Roches Point	c	c	cbc	b	45	37	•	–	–	–	–	•
Pembroke (St. Ann's H.)	cq,prs	cPq,	cq p.	cbcp.	44	37	•	7	<8.00	1	<21.00	0.6
Ross-on-Wye	b,by	bycy b	bx bccb	bcbxc	43	29	17	–	–	–	–	8.4
Leafield	b	bx	bx	bxc	38	25	15	Trace	16.30	–	–	7.8
Winchester (Worthy Dn.)	bx b	b	~~bbcq~~ bbx	bbccx	41	24	16	–	–	–	–	8.3
S Farnborough ...	xbz.	bz. b	bx	bxos.	42	25	18	–	–	Trace	6.30	7.7
London (Kew Obsy.) ...	bz.	byz.	bcm	cxm.	42	30	21	–	–	–	–	7.0
Croydon	bxmbcz.	bcz.b	bz.m.x	bm.cx	42	28	21	–	–	–	–	6.5
Shoeburyness	ocbcb	bc	bc	bomf	42	30	27	–	–	–	–	6.7
Clacton-on-Sea ...	bc	bc	bc	beco	41	31	28	–	–	–	–	6.3
Felixstowe	bcprs	bccbc	bbcc	cbcc	42	33	30	Trace	<8.00	–	–	3.2
Lympne	bcbm.	bcbm.	bm.	boxrs.	41	27	25	–	–	Trace	6.30	7.4
Scilly (St. Mary's) ...	cbc	bc	bc	bcp.	47	43	•	–	–	0.3	3.30	3.5
Falmouth (Pendennis)	cphqbc	bccpr	cprbc	bcpr	44	39	•	4	<8.00	2	22.00	1.6
Plymouth (Cattewater)	cvpr.m.	cybc	b,crs	cr.rcb	45	37	34	Trace	<8.00	3	22.00	2.2
Portland Bill	b	b	bbcors.z.	os.sb	43	34	•	–	–	3	24.00	•
Southampton (Calshot)	bm.	b-bc	bbcb	bbxm.	43	31	27	–	–	–	–	8.0
Dungeness	cbcb	bmm	bmzx	~~bbcx~~	42	28	•	–	–	–	–	•
Guernsey	cprsvq	cbcv	bcc	bbcozx corrcq	45	38	•	Trace	9.00	6	–	5.7



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	
2	11th 10h	Cambria	N	6	c+	45	54	8
3	12th 2h	Dieppe	NW/N	4	bc	43	55	7

GENERAL INFERENCE.

The depression over Southern Holland continues to fill up and move slowly south. A ridge of high pressure which extends from the Azores across Northern Scotland to Scandinavia is moving slowly south. Local showers of rain, sleet or snow are probable in most districts today and again tomorrow in Eastern England. Sharp frost is expected tonight in Western Scotland and Ireland.

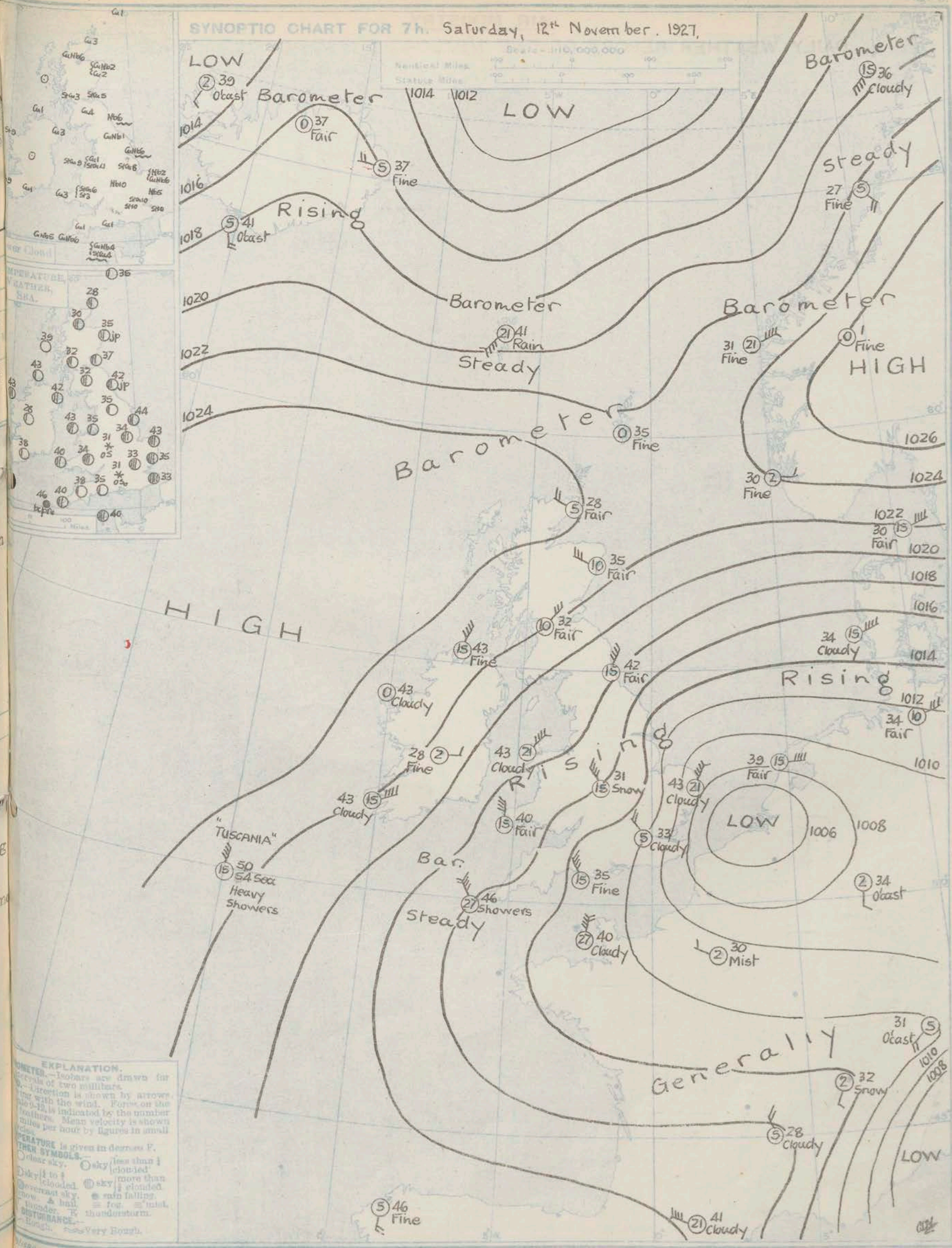
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 12th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind N. to N.E, fresh to strong at times; mainly cloudy, occasional showers of rain or sleet; less cold than of late.	Generally fine in Scotland and Ireland with sharp frost at night; continuing unsettled and rather less cold in Eastern England
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind N. to N.E, moderate to fresh; mainly fair, a few local showers of rain or sleet; cold, frost locally at night.	
9. N. Midlands 10. N.E. England	Wind N. to N.E, fresh to strong at times; decreasing tomorrow; occasional showers of rain or sleet; less cold than of late.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A. W. Scotland (B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland	Wind becoming variable and generally light; local wintry showers today, generally fine tomorrow; cold, sharp frost in most places at night.	
16. Orkneys and Shetlands	Light to moderate westerly winds; fair to cloudy, rather cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind N.E, light to moderate; slight local showers today, generally fine tomorrow; cold, frost in most places at night.	

E.V.N.

1 For code see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.

SYNOPTIC CHART FOR 7h. Saturday, 12th November. 1927.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Saturday, 12th November 1927. No. 316.

Observations at 1h. G.M.T. 12th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10
Lerwick	61	1018·4	+4	NE	1	bc	37	75	9	4000	Cu	3	-	3
Stornoway	30	1019·9	+4	NE	3	c	*	*	8	*	*	*	*	*
Wick	81	1019·3	+6	ESE	2	bc	39	75	8	1500	CuNb	4	-	4
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	66	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	31	1018·1	+3	NNE	5	bc	43	85	8	-	-	0	ACu	3
Renfrew	56	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1014·7	*	N	3	b	36	85	8	-	-	0	ACu	1
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1012·6	+3	NNE	4	cjp	39	92	8	1500	Nb	8	-	8
Blacksod Point	18	1018·6	+3	N	5	bc	45	85	8	*	CuNb	6	-	6
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1013·5	+2	NNE	5	bc	43	75	8	2500	Cu	7	-	7
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1007·4	0	NW	6	c/pr	37	97	7	4000	CuNb	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1010·1	+1	NW	4	c+	32	97	5	800	Cu	9	-	9
Gorleston	14	1005·9	+1	NW'N	4	orr	37	92	7	800	Nb	10	-	10
Valentia (Cahireiveen)F	30	1018·9	+1	WNW	3	cv+	47	97	9	*	Cu	8	-	8
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1012·8	-1	WNW	5	c/pr.	45	85	8	1500	StCu	9	-	9
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	31	*	*	*	*	*	*	*
Croydon	244	1010·8	+1	W	2	b	29	92	5	-	-	0	-	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1008·8	+1	NW	4	b	31	92	6	-	-	0	-	0
Scilly (St. Mary's)	163	1016·4	+1	NW	4	bcv	45	75	9	4000	Cu	7	-	7
Falmouth (Pendennis)	200	1015·0	-1	NW'N	4	bc-	45	75	8	4000	Cu	2	ACu	6
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1012·3	0	N	3	ors.rs.	36	92	6	2500	St	10	-	10
Southampton (Calshot)	10	1012·1	0	WNW	3	b-	33	75	8	4000	StCu	2	-	2
Dungeness	20	1008·4	0	NW	3	b/f	32	85	6	-	-	0	-	0
Guernsey (Fort George) F	295	1012·2	0	WNW	2	c+	43	75	8	2500	StCu	10	-	10

Observations at 7h. G.M.T. 12th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1022·1	+4	-	0	b	35	85	8	4000	Cu	1	CiSt	2	*
Stornoway	1024·0	+4	-	0	bc	30	85	7	4000	Cu	3	aSt	5	0
Wick	1024·3	+5	WNW	2	bc	28	85	8	2500	Cu	4	-	4	1
Tiree	1023·6	+4	N	3	bv-	39	75	9	-	-	0	-	0	4
Nairn	1024·8	*	W	1	bc/s	30	85	8	4000	CuNb	6	-	6	*
Aberdeen	1023·3	+6	WNW	3	bcjp	35	85	8	2500	CuNb	4	-	4	1
Malin Head	1022·5	+5	NNE	4	bv	43	85	9	4000	Cu	1	ACu	2	3
Renfrew	1022·5	+6	NE	3	bc+	32	92	6	4000	StCu	3	-	3	*
Edinburgh (Inchkeith)	1020·7	*	N	3	bc-	37	97	8	5700	StCu	5	-	5	1
Leuchars	1022·4	+7	N	2	bcjp	35	85	8	2500	CuNb	3	-	3	*
Eskdalemuir	1020·9	+6	N	4	bc	32	92	8	1500	Cu	4	-	4	*
Tynemouth	1018·2	+5	NNE	4	bcjp	42	75	7	1500	Nb	6	-	6	6
Blacksod Point	1023·4	+4	-	0	c	43	75	8	*	CuNb	9	-	9	0
Donaghadee	1021·3	+5	NE	4	bc-	42	92	8	4000	Cu	3	-	3	3
Birr Castle	1021·9	*	E	1	b-	28	92	7	-	-	0	ACu	1	*
Holyhead	1018·2	+5	NE	5	c	43	85	8	2500	StCu	9	-	9	4
Liverpool (Bidston)	1018·4	+5	N'W	3	b	35	85	8	4000	Cu	1	-	1	*
Chester (Sealand)	1017·2	+6	NW	3	b-	35	85	6	2500	StCu	1	-	1	*
Harrogate	1017·3	+4	N	3	b	35	92	7	4000	CuNb	1	ACu	2	*
Spurn Head	1012·5	+4	NNE	7	bc-	44	65	7	4000	CuNb	6	-	6	6
Birmingham (Edgbaston)	1016·3	+5	NNW	4	os	31	97	4	800	Nb	10	-	10	*
Cranwell	1014·4	+4	NNW	4	c/s	34	97	7	800	StCu	8	-	8	*
Gorleston	1008·2	+3	NNE	5	c-	43	85	7	800	CuNb	8	-	8	1
Valentia (Cahireiveen)F	1022·0	+5	ENE	4	c	43	75	8	2500	StCu	9	-	9	0
Roches Point	1020·8	+5	N	2	b	38	85	8	2500	Cu	1	-	1	1
Pembroke (St. Ann's H.)	1016·6	+4	N	4	bc-	40	75	8	2500	Cu	3	-	3	1
Ross-on-Wye	1015·4	+2	N'W	4	c	34	75	8	2500	StCu	9	-	9	*
Leafield	1013·6	+3	NW	4	o	30	97	6	800	St	10	-	10	*
Winchester (Worthy Dn.)	1013·2	+2	W'N	2	c+	30	85	7	2500	StCu	9	-	9	*
S. Farnborough	1012·5	+2	NW	2	os.	31	85	6	800	St	10	-	10	*
London (Kew Obsy.)	1012·0	+3	NNW	2	c	33	85	5	800	StCu	10	-	10	*
Croydon	1011·6	+1	W'N	2	c	31	97	6	1500	St	8	ASt	10	*
Shoeburyness	1009·1	+1	N'W	4	o	35	97	5	1500	Nb	10	-	10	*
Clacton-on-Sea	1009·5	+2	NNW	4	c	35	92	6	4000	Nb	5	ASt	10	2
Felixstowe	1009·4	+3	N'W	3	c	35	97	7	800	Nb	6	ASt	9	1
Lympne	1009·3	0	NW	4	ors.	32	97	5	800	Nb	10	-	10	*
Scilly (St. Mary's)	1016·0	0	N'W	6	bc/pb	46	85	8	4000	CuNb	5	-	5	4
Falmouth (Pendennis)	1016·0	+2	NNE	4	bc+	40	92	8	4000	CuNb	6	-	6	1
Plymouth (Cattewater)	1016·0	+4	N	3	b	38	85	7	4000	Cu	1	ASt	1	0
Portland Bill	1013·2	+1	N'W	4	b	35	85	8	2500	Cu	1	-	1	1
Southampton (Calshot)	1013·4	+3	NW	4	b	32	85	6	4000	StCu	2	-	2	0
Dungeness	1008·8	+2	NNW	3	o+	33	85	6	800	St	10	-	10	3
Guernsey (Fort George) F	1013·5	+2	N'E	6	c/r	40	75	8	1500	CuNb	8	-	8	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11th November

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 10th to 9h. 11th. °F	Temperature. Max. 9h. -17h. 11th. °F.	Rainfall.† Night 17h.-9h. 10th-11th. mm.	Rainfall.† Day 9h.-17h. 11th. mm.	Sunshine. Sunrise to Sunset. 11th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	c	c	37	41	-	-	3·6
Douglas (I. of M.)	b	cod	33	43	-	Trace	6·2
Llandudno	cb	c	40	43	-	-	3·1
Colwyn Bay	cocb	bcob	39	44	-	-	3·4
Rhyl	bc	bc	39	43	-	-	5·5
Wallasey	b	b	35	42	-	-	6·2
Southport	b	b	*35	41	-	-	7·2
Blackpool	b	bbc	34	41	-	-	7·5
Ilkley	b	b	29	42	-	-	5·0
Cleethorpes	oc	orso	32	38	5	1	0·8
Skegness	bcrsbc	crs.bc	33	40	7	0·3	5·0
Aberystwyth	x bc	bcc	28	43	-	-	6·9
Bath	b	b	28	43	-	-	7·2
Cheltenham	b	b	29	41	-	-	7·8
Leamington Spa	b	bc	31	40	-	-	6·8
Lowestoft	c	cihrs	34	41	10	5	0·4
Felixstowe	bcrs	bcc	34	41	-	Trace	3·1
Harwich & Dovercourt	bc	bc	33	42	Trace	-	3·6
Southend	bcc	obc	33	43	-	-	6·6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	bbc	30	46	1	-	7·2
Bude	ocop	pcc	32	49	3	1	1·2
Penzance	zbc	cbc	38	47	3	-	1·0
Paignton	bwb	bm	35	?	-	-	7·9
Torquay	bw	bm	33	47	-	-	8·1
Jersey	bcb	bc	38	49	5	-	4·7
Weymouth	b	b	31	44	-	-	8·3
Bournemouth	b	b	30	43	-	-	8·2
Ventnor	bx	b	31	43	-	-	8·4
Portsmouth (S'thsea)	b	b	31	43	-	-	7·7
Bognor	b	b	31	43	-	-	8·3
Littlehampton	b	b	33	43	-	-	8·2
Worthing	b	b	31	42	-	-	7·9
Brighton	b	b	32	43	-	-	7·4
Eastbourne‖	b	bm	32	43	-	-	7·9
Hastings‖	b	bbcc	31	42	-	-	7·3
Folkestone	c	bc	34	42	-	-	6·3
Dover	q bbc	q bcc	35	42	0·2	-	6·0
Tunbridge Wells	bcb	bcoc	30	42	Trace	-	7·0
Ramsgate	bc	bcc	36	43	-	-	5·5
Margate	bc	bc	36	44	-	-	3·4
Deal	bcbbc	bbcc	34	42	1	-	6·8

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. F The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. # 17h.-01.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24,097. Sunday, 13th November 1927. Page 1.

Observations at 13h. G.M.T. 12th

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1023.7	-1	-	0	bc+	42	85	8	4000	Cu	3	Ci	4	*
Stornoway	1026.7	+2	-	0	bc	43	65	8	4000	Cu	2	aSt	45	*
Wick	1027.4	+3	WSW	2	bc	40	85	8	2500	Cu	4	CiSt	6	*
Tiree	1027.3	+2	S	1	bc-	46	65	9	4000	Cu	2	CiCu	6	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1027.4	+3	NW	4	bc	35	85	8	2500	StCu	3	CiCu	4	7
Malin Head	1026.8	+2	NE	2	bc	44	75	9	4000	Cu	1	CiCu	5	*
Renfrew	1027.0	+3	NE	3	b+	43	65	8	5700	Cu	1	Ci	2	1
Edinburgh (Inchkeith)	1025.4	*	NE	4	bcr₀	40	85	8	1500	Nb	5	A.Cu	7	*
Leuchars	1026.9	+2	N	2	bc	41	75	8	2500	CuNb	3	Ci	6	1
Eskdalemuir	1024.8	+3	NNE	3	bc/pr₀	39	75	8	5700	StCu	7	-	7	3
Tynemouth	1023.9	+5	NE	3	bc/h	44	75	8	2500	CuNb	5	-	5	*
Blacksod Point	1027.0	+3	N	3	bc	47	65	9	-	CuNb	6	-	6	*
Donaghadee	1025.8	+3	NE	3	b-	44	92	8	4000	Cu	2	-	2	*
Birr Castle	1025.3	*	E	1	b	49	65	7	-	-	0	A.Cu	1	*
Holyhead	1023.7	+4	N'E	4	bc	47	75	8	4000	Cu	7	-	7	1
Liverpool (Bidston)	1023.3	+2	NNE	2	bc+	42	65	6	2500	St	5	-	5	*
Chester (Sealand)	1022.3	+3	NNW	2	c+	42	65	6	2500	StCu	8	-	8	1
Harrogate	1022.3	+3	N	3	bcjp	41	75	8	2500	Nb	3	A.Cu	5	*
Spurn Head	1018.9	+3	NNE	7	c	43	85	6	2500	CuNb	8	-	8	*
Birmingham (Edgbaston)	1020.5	+4	NNE	5	bc+	43	65	6	2500	Cu	7	-	7	2
Cranwell	1019.2	+4	NNE	5	c/r	42	85	8	1500	CuNb	8	-	8	1
Gorleston	1014.5	+6	NE'E	5	c	44	92	6	1500	Cu	9	-	9	*
Valentia (Cahirciveen)	1026.9	+3	NE'E	3	b	44	55	9	-	-	0	CiCu	1	5
Roches Point	1025.1	+5	N	2	b	44	65	9	2500	Cu	1	-	1	*
Pembroke (St. Ann's H.)	1023.2	+3	NNE	4	bc	45	75	8	2500	Cu	4	-	4	*
Ross-on-Wye	1019.9	+4	N	4	bc-	42	65	6	4000	Cu	3	-	3	1
Leafield	1018.1	+5	N'W	6	bc	41	75	8	4000	Cu	3	-	3	0
Winchester (Worthy Dn.)	1016.2	+2	N	6	bc+	44	75	8	2500	Cu	6	-	6	1
S. Farnborough	1015.5	+3	N'E	5	bc	44	65	7	1500	Cu	6	-	6	0
London (Kew Obsy.)	1015.8	+3	N	5	cr₀	44	65	7	1500	Nb	8	A.Cu	9	1
Croydon	1015.5	+3	N	4	cr₀	43	75	5	2500	CuNb	8	-	8	1
Shoeburyness	1014.4	+3	N	4	c/prs₀	43	85	7	1500	Nb	8	-	8	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1014.5	+6	NE	3	cr	41	92	7	800	Nb	8	A.St	10	2
Lympne	1012.8	+2	NNW	5	c/r	39	97	7	1500	St	7	A.St	9	2
Scilly (St. Mary's)	1020.2	+3	NNE	6	bc	47	75	8	4000	Cu	4	-	4	*
Falmouth (Pendennis)	1020.8	+1	NNE	5	bc	44	85	8	4000	Cu	5	-	5	*
Plymouth (Cattewater)	1019.6	+3	N	4	b	45	65	8	4000	Cu	1	-	1	2
Portland Bill	1016.7	+3	N'W	4	b	42	85	6	2500	StCu	1	A.St	2	*
Southampton (Calshot)	1016.7	+2	N	4	bc	45	65	7	4000	Cu	5	-	5	0
Dungeness	1012.4	+2	N	4	c	40	92	7	1500	Nb	5	A.St	9	*
Guernsey (Fort George)	1017.0	+2	N	6	c	43	75	8	4000	StCu	9	-	9	*

Observations at 18h. G.M.T. 12th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1022.5	-1	SW	2	cjp	42	75	87	4000	Nb	5	A.St	10	*
Stornoway	1026.8	0	-	0	c+	40	85	87	2500 ~~4000~~	StCu	10	-	10	0
Wick	1027.4	0	WSW	2	bc	33	75	8	2500	StCu	4	CiSt	6	1
Tiree	1028.6	+1	SW	2	b-	33	85	9	4000	Cu	1	CiCu	2	1
Nairn	1028.2	*	-	0	b-	28	85	8	1500	St	2	-	2	*
Aberdeen	1028.6	+2	-	0	b	30	85	6	4000	StCu	1	Ci	1	1
Malin Head	1029.1	+1	S	2	b	36	97	9	-	-	0	A.Cu	1	1
Renfrew	1029.2	+3	-	0	ifb	30	92	3	-	-	0	-	0	*
Edinburgh (Inchkeith)	1027.7	*	NE	3	b-	39	75	8	4000	Cu	1	A.Cu	2	1
Leuchars	1029.0	+3	N	1	bc	31	92	7	4000	StCu	1	Ci	5	*
Eskdalemuir	1028.8	+4	N'E	1	b-	31	85	8	-	-	0	-	0	*
Tynemouth	1027.0	+2	NNE	3	bcjp	42	75	8	1500	Nb	5	-	5	6
Blacksod Point	1028.5	+2	SW	1	c+	43	75	7	*	CuNb	8	-	8	3
Donaghadee	1028.2	+3	W	1	bc-	37	92	8	4000	Cu	4	-	4	1
Birr Castle	1028.5	*	ENE	1	b	33	75	7	-	-	0	A.Cu	1	*
Holyhead	1027.0	+4	NE	3	b-	44	75	8	4000	StCu	2	-	2	3
Liverpool (Bidston)	1027.0	+4	N'E	3	c+	40	75	6	4000	St	9	-	9	*
Chester (Sealand)	1025.8	+4	NNW	2	b-	38	75	6	4000	StCu	2	-	2	*
Harrogate	1026.4	+3	N	1	b	37	85	7	-	-	0	A.Cu	2	*
Spurn Head	1022.2	+3	N'E	6	bc-	43	75	7	4000	CuNb	4	-	4	6
Birmingham (Edgbaston)	1024.6	+5	NNE	4	c	40	85	5	2500	Cu	8	-	8	*
Cranwell	1023.6	+5	N'W	3	bc/r	38	92	7	1500	Cu	4	-	4	*
Gorleston	1019.4	+5	NE'N	5	bc-	43	85	7	2500	Cu	3	-	3	4
Valentia (Cahirciveen)	1029.4	+4	NE'N	2	bc	38	75	8	-	-	0	A.Cu	4	0
Roches Point	1027.8	+4	N	2	b	41	75	8	2500	Cu	1	-	1	1
Pembroke (St. Ann's H.)	1024.7	+4	NNE	3	bc	41	75	8	2500	Cu	4	-	4	1
Ross-on-Wye	1023.8	+4	N	2	c-	41	75	6	4000	StCu	8	-	8	*
Leafield	1023.1	+6	N	4	bc	37	85	7	4000	StCu	7	-	7	*
Winchester (Worthy Dn.)	1021.1	+8	N'W	3	b-	38	85	7	2500	StCu	2	-	2	*
S. Farnborough	1020.6	+6	N'W	3	b	38	92	6	-	-	0	-	0	*
London (Kew Obsy.)	1020.5	+5	N	3	b-	39	85	5	-	-	0	A.Cu	1	*
Croydon	1020.3	+6	N	3	b/m	39	85	5	-	-	0	-	0	*
Shoeburyness	1019.7	+6	N'E	4	b-	39	92	7	1500	St	1	-	1	*
Clacton-on-Sea	1019.0	+4	N	3	c	41	92	6	4000	CuNb	3	A.Cu	8	3
Felixstowe	1020.1	+7	N'E	3	bc/h	39	92	7	1500	CuNb	5	-	5	1
Lympne	1017.9	+6	N	4	bc-	38	75	7	2500	St	3	-	3	*
Scilly (St. Mary's)	1023.5	+4	NNE	5	bc	45	75	8	4000	Cu	5	-	5	3
Falmouth (Pendennis)	1024.1	+4	N	2	bc	42	85	8	4000	StCu	3	-	3	0
Plymouth (Cattewater)	1023.3	+4	NNE	2	b	41	75	7	4000	Cu	1	-	1	0
Portland Bill	1020.8	+3	N	4	c+	42	75	6	2500	StCu	7	A.St	9	1
Southampton (Calshot)	1020.8	+5	N'W	4	b-	41	75	7	4000	StCu	2	-	2	0
Dungeness	1017.7	+6	N	4	bc+	40	85	7	2500	CuNb	6	-	6	3
Guernsey (Fort George)	1020.3	+3	N	6	bc-	45	65	8	2500	Cu	6	-	6	6

London Observations

London Observations.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	cxcq p₀	cbbm₀	bxm bcx	46	33	23	0.3	-	3.1	*	*	
Croydon } 24 hours ended 7h.	244	cwxog z₀	cpr₀bm₀	bmjcmyx	44	31	27	Tr	-	2.1	*	*	4
Greenwich (Royal Obsy.)	149	bc	cpcb	bxc	46	33	27	0.3	-	4.1	87	88	3
City (Bunhill Row)	80	*	*	*	*	*	*	*		3.0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	44	40	23	2		3.9	81	72	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	3.6	*	*	*
Camden Square	110	c	copc	*	46	33	28	1	-	*	*	*	*
Kensington Palace	80	bcc	corcbc	*	46	33	25	1	-	*	(At 18h) .81	90	*
Hampstead Observatory	450	*		*						3.9	*		

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 13th

South Kensington Max.	Time.	Min.	Time.
0.6	15h 12th	<0.3	2h 13th

Kew Observatory Max.	Time.	Min.	Time.
<0.3 throughout the period			

Pole Star Record at Greenwich Obsy.

Exposure from 12th ......h......m. to 13th ......h......m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris			
δ Ursae Minoris			

Code for State of Ground.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

13th + 14th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.12 / 7.14	11.37 / 11.38	16.2 / 16.1
Greenwich	7.16 / 7.17	11.44 / 11.44	16.13 / 16.11
Wick	7.57 / 7.59	11.57 / 11.53	15.56 / 15.54
Valentia	7.57 / 7.59	12.25 / 12.25	16.53 / 16.51

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
lp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

Symbols.

<= { less than (for cloud height). before (for precipitation).
⊕= solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0=no swell }
1=mod. swell } Calm or slight sea.
2=heavy swell }
3=no swell }
4=mod. swell } Moderate sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ Telegraphic Code for Surface Visibility.

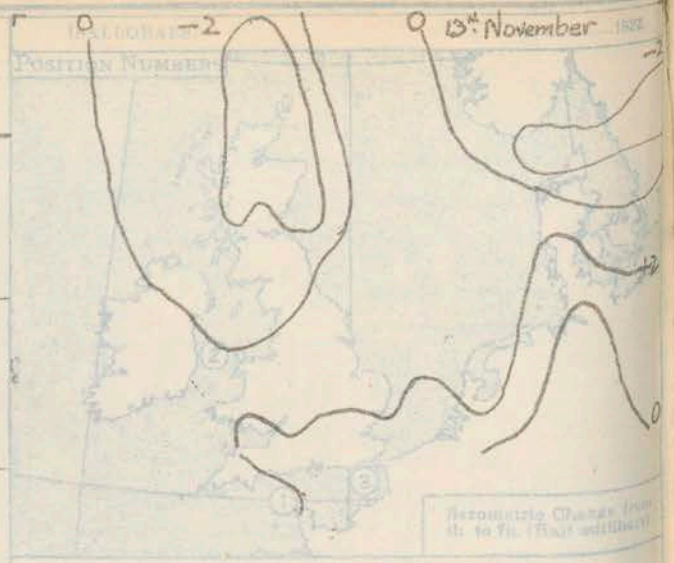
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 12th	Weather. 18h.-18h. 12th	Weather. 18h. 12th to 1h. 13th	Weather. 1h.-7h. 13th	Temperatures. Max. Day. 7h.-18h.	Temperatures. Min. Night. 18h.-7h.	Temperatures. Min. on Grass	Rainfall.† Prev. 7h.-18h. mm.	Rainfall.† Prev. 7h.-18h. began.	Rainfall.† Night. 18h.-7h. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 12th Hours.
Lerwick	bbc	codc	cp bc	bcipr	43	37	•	Trace	17.30	1	<21.00	4.2
Stornoway	c	c	c	p	43	39	•	—	•	0.5	•	5.5
Wick	bbc	bbc	cpr	cpr.c	42	32	•	-	-	1	4.30	•
Tiree	bc	bc	bcb	bcor	46	33	(29)	-	-	0.3	3.30	7.5
Nairn	bcb	bx	bbcx	cpr	34	29	•	-	-	1	2.30	6.2
Aberdeen	cpshbcfh	b	b	cpr	37	27	18	0.6	<8.00	0.4	-	5.0
Malin Head	bbcv	bcbx	b	bbcc	44	31	•	-	-	-	-	6.2
Renfrew	bczb	bcbfx	bfx	bfxbcbc	43	22	15	-	-	Trace	-	6.2
Edinburgh (Inchkeith)	bcp	bbc	bm	nmc	41	34	30	Trace	11.00	-	-	2.6
Leuchars	bccpbc	bbc	bcx	bcxc	42	26	22	0.2	9.00	-	-	4.7
Eskdalemuir	bcbcp	bcb	bbx	bxbcc	40	19	15	Trace	12.30	-	-	5.9
Tynemouth	bcph	bcpch	bc	bcc	45	32	28	2	<8.00	-	-	•
Blacksod Point	pc	poc	bbc	roc	47	35	•	Trace	*	1	*	•
Donaghadee	bcb	bbc	bcm	mbcx	45	33	•	-	-	-	-	•
Birr Castle	b	b	bx	bx	49	21	11	-	-	-	-	6.2
Holyhead	cbcpr	bcpr	bc	bcc	47	36	31	0.1	11.00	-	-	5.5
Liverpool (Bidston)	bbc	cbcb	cbcbx	cx	42	35	24	-	-	-	-	6.8
Chester (Sealand)	bbcm	bcz	bm	bmx	43	26	18	-	-	-	-	4.7
Harrogate	bbcpsb	bbcp	bbc	bcb	42	30	26	0.1	9.00	-	-	5.0
Spurn Head	cbphpr	cbpr	cpd	cpd	45	37	•	1	9.00	Trace	22.00	2.8
Birmingham (Edgbaston)	sb	bcc	cb	bx	43	30	25	1	<8.00	-	-	4.2
Cranwell	bcbc	cbbcp	c	c	44	30	27	1	12.30	0.3	<21.00	4.5
Gorleston	cbphrt	stRHpc	bcpalbx	coir.bc	46	36	33	5	<8.00	11	22.00	1.4
Valentia (Cahirciveen)	bcbvy	bvbcy	bcbx	bx	44	28	21	-	-	-	-	7.2
Roches Point	bv	bvbx	bx	bx	46	35	•	-	-	-	-	•
Pembroke (St. Ann's H.)	bc	bc	b	b	46	36	•	-	-	-	-	6.6
Ross-on-Wye	cbcbc	bzcz	cb	bxbc	43	30	20	-	-	-	-	4.5
Leafield	cbsbc	pbc	b	bxm	42	28	23	0.1	<8.00	-	-	5.0
Winchester (Worthy Dn.)	cbsbrsc	bccbrpc	bbc	bcx	44	31	27	0.1	<8.00	-	-	5.8
S Farnborough	osbc	bcbrb	bbx	bxm	45	28	21	Trace	<8.00	-	-	4.7
London (Kew Obsy.)	cxcvb	cbbm	bwm	bcx	46	33	23	0.3	<8.00	-	-	3.1
Croydon	cmbsz	cbrzbm	bmncmx	cmx	44	31	27	Trace	9.00	-	-	2.1
Shoeburyness	omcbrs	cbrcb	bx	bx	47	31	30	0.2	11.00	-	-	1.5
Clacton-on-Sea	cbc	cbc	cbtl	bcbc	45	34	30	0.5	12.30	2	<21.00	1.6
Felixstowe	bcbr	cbrsh	bcprs	bcbx	44	33	30	2	9.00	3	<21.00	1.6
Lympne	crirrmcph	cbcbcphlrercm			44	33	30	1	<8.00	5	<21.00	1.5
Scilly (St. Mary's)	bcp	bc	bc	bc	48	41	•	1	9.00	-	-	7.0
Falmouth (Pendennis)	bcq	bc	bcb	bbc	45	37	•	-	-	-	-	8.6
Plymouth (Cattewater)	bcy	by	b	bw	46	36	33	-	-	-	-	8.2
Portland Bill	bz	bccz	cbcbz	bbcz	45	36	•	-	-	-	-	•
Southampton (Calshot)	bcbs	cbcjbc	b-bc	bcxbcm	46	34	30	Trace	9.00	Trace	-	4.9
Dungeness	osr	bcprbc	bcrtbc	bcptsc	44	33	•	1	<8.00	2	<21.00	•
Guernsey	cbccq	cbcq	bccbcq	bcq	45	43	•	-	-	-	-	2.6



Aeronautic Charts from 6h. to 7h. (Eng. military)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Barometer.
2	10h 12th	Cambria	NNE	5	c	45	53	7
1	12h "	St Julien	NNE	6	c+	48	55	7
3	2h 13th	Arundel	NNE	4	r	44	55	7

GENERAL INFERENCE.

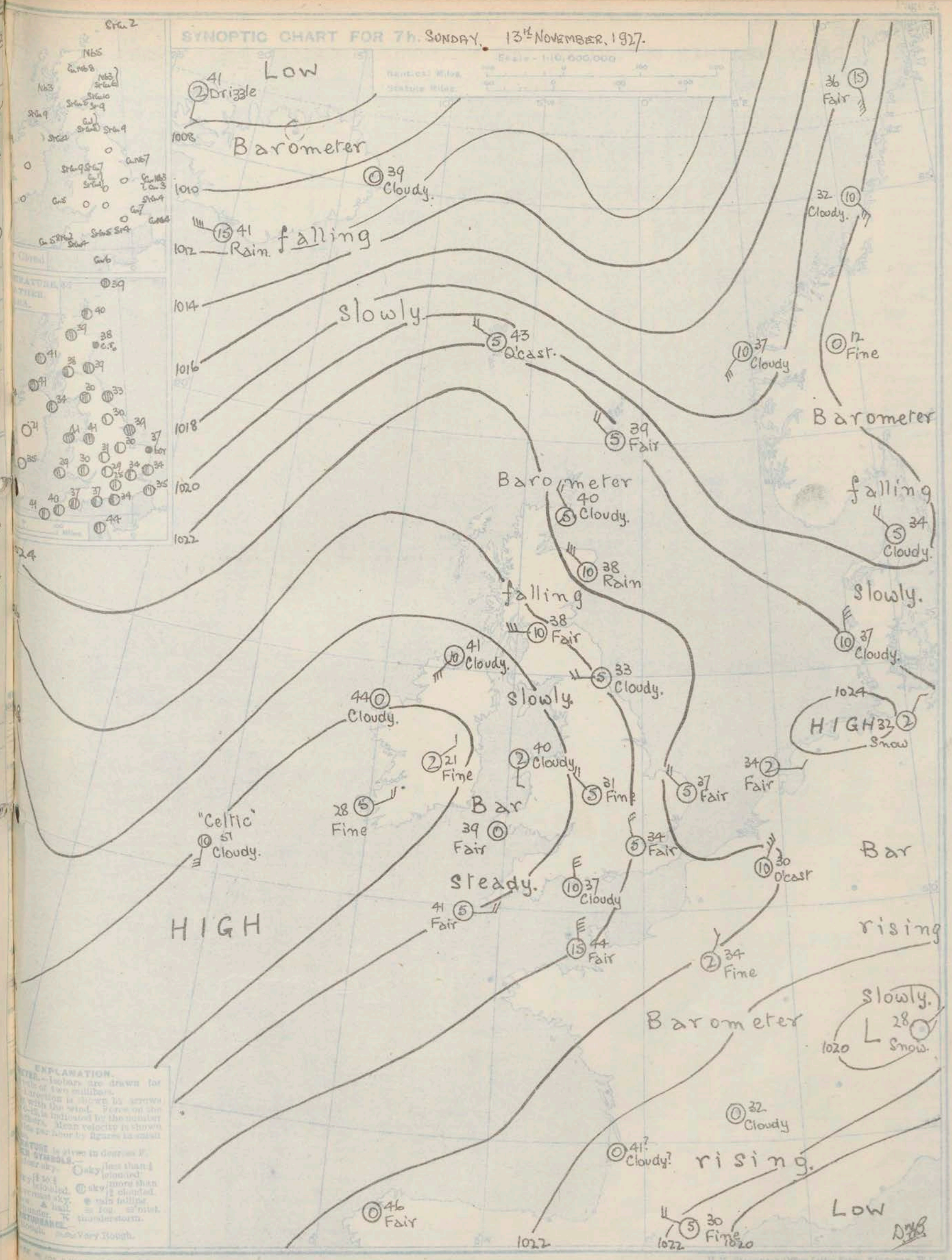
The anticyclone centred over Ireland is spreading southeast. A depression north of Iceland is moving east. Weather will be mainly fair to cloudy apart from some rain at times in the North and winds generally light or moderate from between northwest and west.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 13th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind N.W. to variable, mainly light; fair; local fog at night; rather cold, frost at night.	Fair apart from fog in the South and East, rather unsettled and milder in the North and West.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light variable winds; fine, local fog at night; rather cold, frost at night.	
8. N.W. England 9. N. Midlands 10. N.E. England	Wind west to southwest, light or moderate; fair to cloudy; local mist or fog at night; rather cold, frost at night.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 12 {A. W. Scotland B. NW. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind west to southwest, light or moderate, freshening somewhat, fair to cloudy, occasional rain; becoming milder, but local frost at night.	
19. S.E. Ireland 20. S.W. Ireland	Light variable wind, becoming moderate southerly; fair to cloudy; frost at night, becoming less cold.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 11.30 G.M.T. G. C. Simpson, F.R.S. Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. SUNDAY, 13th NOVEMBER, 1927.
Scale - 1:10,000,000
Low
41 Drizzle
Barometer
1008
1010
39 Cloudy.
15 41 Rain.
falling
1012
1014
slowly.
1016
1018
1020
1022
5 43 O'cast.
5 39 Fair
Barometer
40 Cloudy.
10 38 Rain
falling
38 Fair
41 Cloudy.
33 Cloudy.
slowly.
44 Cloudy.
21 Fine
40 Cloudy
31 Fine
28 Fine
Bar
39 Fair
"Celtic"
51 Cloudy.
HIGH
steady.
41 Fair
37 Cloudy
44 Fair
34 Fair
37 Fair
34 Fair
36 Fair
32 Cloudy.
37 Cloudy
12 Fine
Barometer
falling
34 Cloudy.
slowly.
37 Cloudy.
1024
HIGH 32 Snow
30 O'cast
Bar
rising
34 Fine
Barometer
slowly.
L 28 Snow.
1020
32 Cloudy
41? Cloudy?
rising.
46 Fair
1022
30 Fine
1020
Low
EXPLANATION.
Isobars are drawn for
Wind symbols.
Sky less than ½ clouded.
Sky more than ½ clouded.
Rain falling.
Fog.
Mist.
Thunderstorm.
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday, 13th November.....1927. No. 317.

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 13th: Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 13th: Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	54	1020·1	-1	-	0	bc	42	92	8	4000	Cu	2	ACu	4	1019·6	0	NW	2	bc	39	85	7	5700	StCu	2	CuSt	4	•
Stornoway	30	1026·2	-1	NW	3	C	•	•	8	•	•	•	•	•	1025·1	-1	-	0	c	44	85	7	4000	StCu	10	—	10	0
Wick	81	1024·7	-2	W	3	c/pr	38	92	8	1500	Nb	6	ASt	10	1023·3	-2	NNW	2	c/r	40	97	8	1500	Nb	5	ASt	9	1
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·2	-1	NW	4	c6b	45	85	8	1500	Nb	3	ACu	8	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·3	•	-	0	c/r	39	85	8	1500	CuNb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·5	-3	WNW	3	c6	38	85	8	1500	StCu	9	-	9	0
Malin Head	51	1029·8	0	SSE	2	b	33	97	8	—	—	0	ACu	2	1028·6	-1	SW	3	c+	41	97	8	4000	StCu	9	-	9	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·7	-2	W	3	bc	38	85	8	7200	StCu	5	ACu	7	•
Edinburgh (Inchkeith)	190	1027·6		SW	2	fb+	34	92	3	—	—	0	-	0	1024·7	*	WSW	3	c/f	39	85	6	800	St	9	-	9	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·9	-2	SW	3	c	37	75	8	2500	StCu	10	—	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·0	0	S	1	c	30	92	8	2500	StCu	9	-	9	•
Tynemouth	67	1028·0	0	W	2	bc	36	85	7	1500	Cu	7	—	7	1025·9	-2	W	2	c	33	85	6	4000	StCu	9	-	9	4
Blacksod Point ...	13	1030·6	+2	-	0	c	38	85	7	•	CuNb	8	—	8	1029·8	0	-	0	c	44	85	7	•	St	9	-	9	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·2	-1	WNW	2	bc-	34	92	7	5700	StCu	4	ACu	6	1
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1030·3	*	NE	1	b-	21	92	7	-	-	0	—	0	•
Holyhead	26	1028·5	+1	SE'S	1	bc	38	92	8	4000	Cu	3	-	3	1028·6	-1	S'W	1	cv	40	92	9	4000	StCu	9	-	9	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1029·2	0	WSW	1	c+	37	85	7	2500	StCu	7	ACu	9	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·0	0	-	0	b	26	92	5	2500	Cu	2	-	2	•
Harrogate	476	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·4	0	SW	2	b	30	85	8	-	-	0	ACu	2	•
Spurn Head	29	1025·3	+1	N'W	5	od	41	85	7	2500	Nb	10	—	10	1024·9	0	NNW	5	c	39	85	7	4000	CuNb	7	ACu	8	5
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·6	0	NW	2	b	31	92	5	-	-	0	ACu	1	•
Cranwell	238	1026·9	+2	NNW	3	bc-	31	97	5	-	-	0	CuSt	6	1027·1	0	NW	3	b	30	97	6	-	-	0	—	0	•
Gorleston	14	1024·1	+3	N'E	1	c	40	92	7	1500	Nb	9	-	9	1023·9	0	NW'N	2	bc+	37	92	7	800	CuNb	6	-	6	0
Valentia (Cahirciveen) P	30	1031·7	+1	NE	1	b	37	92	9	—	—	0	-	0	1031·2	0	ENE	2	b	28	85	8	-	.	0	CuSt	2	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1030·8	+1	N	2	b	35	92	8	-	-	0	-	0	1
Pembroke (St. Ann's H.)	150	1028·9	+2	NNE	3	b	38	85	7	—	—	0	ASt	1	1028·9	0	—	0	bc+	39	92	8	2500	Cu	5	-	5	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·2	0	SSW	2	bc	30	92	5	-	-	0	CuCu	4	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·3	0	NW	3	b	29	92	5	-	-	0	ACu	2	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·2	+1	NNW	3	bc	32	92	6	4000	StCu	2	ACu	6	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·5	+1	NW	1	b	28	97	5	-	-	0	ACu	2	•
London (Kew Obsy.) ...	18	•	•	•	•	•	37	•	•	•	•	•	•	•	1026·4	+1	NNW	2	bc	34	92	6	4000	Cu	7	-	7	•
Croydon	244	1025·1	+3	N	2	c	36	92	5	800	St	9	-	9	1026·2	+1	W'S	1	c	31	97	5	7200	StCu	8	-	8	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·1	+1	NW	3	b	32	97	7	-	-	0	ASt	2	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·9	0	NW	4	bc	34	92	7	4000	StCu	4	—	4	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·4	0	NNW	2	bc	34	97	8	2500	StCu	3	ACu	5	1
Lympne	359	1022·9	+4	N'W	4	crr	37	97	7	2500	Nb	6	ASt	10	1024·4	+2	NNW	4	c	36	97	6	450	St	9	-	9	•
Scilly (St. Mary's) ...	163	1027·5	+2	NE	3	bc	44	65	8	4000	Cu	4	-	4	1028·2	+1	E'N	2	bc	41	85	8	4000	Cu	5	-	5	2
Falmouth (Pendennis)	200	1028·1	+2	N	3	b	40	85	7	4000	Cu	1	-	1	1029·2	+1	NE	2	bc+	40	75	8	4000	StCu	2	CuCu	3	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·6	+4	N	2	bc+	37	92	8	4000	StCu	4	-	4	0
Portland Bill	52	1025·2	+3	N'E	3	b	39	85	6	—	—	0	-	0	1026·3	+1	N	3	c+	37	85	6	2500	StCu	5	CuCu	9	0
Southampton (Calshot)	10	1025·8	+4	NNW	4	b	38	85	8	—	—	0	-	0	1026·6	+2	NNW	4	bc+	35	85	6	2500	St	4	ACu	7	0
Dungeness	20	1024·8	+5	N	5	bc/rh	38	92	8	2500	CuNb	3	-	3	1024·3	+2	N	2	c	35	97	7	2500	CuNb	4	CuSt	10	0
Guernsey (Fort George) P	295	1024·0	+3	NNE	4	c	45	75	7	4000	StCu	8	-	8	1026·3	+1	N	4	bc	44	75	8	2500	Cu	6	ACu	7	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12th November.....

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 11th to 9h. 12th.	Temperature. Max. 9h.-17h. 12th.	Rainfall.† Night 17h.-9h. 11th-12th.	Rainfall.† Day 9h.-17h. 12th.	Sunshine. Sunrise to Sunset. 12th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	c	34	44	5	-	5·2
Douglas (I. o. M.) ...	xb	b	33	45	Trace	-	7·6
Llandudno ...	bc	bcb	40	45	-	-	3·8
Colwyn Bay ...	bcb	bcb	40	45	-	-	2·5
Rhyl...	bc	bc	40	46	-	-	4·6
Wallasey ...	xb	bbcb	34	44	-	-	5·3
Southport	xb	bcb	*33	44	-	-	6·4
Blackpool	bc	bc	33	45	-	-	6·6
Ilkley	brs	bc	27	43	1	0·1	4·6
Cleethorpes... ...	bo	orc	33	44	3	0·6	2·6
Skegness	chtlrc	cphcbc	33	45	9	3	2·1
Aberystwyth ...	bxbc	bcc	31	45	-	-	5·8
Bath	cbcb	bbcc	29	45	Trace	-	3·0
Cheltenham‖ ...	cxgc	bcc	25	44	Trace	-	4·6
Leamington Spa ...	sbccb	crcb	29	44	3	0·1	4·7
Lowestoft	ccrsbc	cchrscb	35	46	9	2	0·6
Felixstowe	bccb	bcb	33	45	0·1	1	1·8
Harwich & Dovercourt	bch	hbcr	32	44	-	3	1·0
Southend	b	bc	31	46	-	0·4	2·6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcb	bbc	40	46	3	-	5·7
Bude	bbc	bc	38	48	2	-	7·9
Penzance	b	b	42	48	1	-	7·6
Paignton	b	b	34	?	3	-	7·8
Torquay	bchb	xb	35	46	4	-	8·0
Jersey	rbc	c	38	47	7	-	3·3
Weymouth	bbcb	b	30	44	2	-	6·0
Bournemouth ...	cobc	bbcc	29	46	-	-	4·0
Ventnor ...	xbcz	b	30	46	-	-	7·4
Portsmouth (S'thsea)	b	bbc	30	46	-	-	4·9
Bognor	bcb	bc	29	45	-	-	4·7
Littlehampton ...	bc	bc	28	46	-	-	4·4
Worthing	cbc	bcc	30	46	-	-	3·7
Brighton	cbc	bcpb	30	45	-	Trace	2·8
Eastbourne‖	cbcc	pocbc	31	46	-	0·1	4·6
Hastings‖	cbcors	orscbc	30	46	-	0·6	3·4
Folkestone	xscH	cchrc	32	45	Trace	2	0·8
Dover	gcprsh	gcbc	33	44	0·6	3	0·3
Tunbridge Wells ...	obc	copbc	29	45	Trace	0·5	2·0
Ramsgate	bcorc	cbc	35	46	1	1	0·2
Margate	bcrbc	bcpbc	36	47	1	1	0·7
Deal	s,or,	r,o	34	46	1	1	0·2

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †: See footnote page 1

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 12h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24,098 Monday, 14th November 1927.

Observations at 15h. G.M.T. 13th — Observations at 18h. G.M.T. 13th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1020.9	+1	NW	3	bc	42	75	8	4000	Cu	4	-	4	*	1020.5	0	NW	1	bc	39	92	8	5700	StCu	4	ACu	6	*
Stornoway	1024.3	-1	-	0	c	48	85	7	4000	St.Cu	10	-	10	*	1023.8	-1	-	0	o+	44	92	7	2500	St	10	-	10	0
Wick	1023.0	-1	NW	2	c	47	75	8	1500	Nb	6	CiSt	8	*	1022.3	0	NW	2	c	44	92	8	1500	Nb	6	ASt	10	0
Tiree	1026.5	0	NW	4	cvjp	48	75	9	2500	CuNb	9	-	9	0	1025.1	0	N	2	cvjp	45	92	9	1500	CuNb	6	ACu	8	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.0	*	W	1	c	40	92	8	1500	St	8	-	8	*
Aberdeen	1022.7	-1	NW	4	bejp	42	85	8	1500	CuNb	6	CiCu	7	7	1022.5	0	WNW	4	c/r	40	97	7	1500	Nb	10	-	10	0
Malin Head	1027.7	-1	WNW	4	bejp	47	92	8	4000	CuNb	3	ACu	6	*	1026.8	-1	WNW	3	b	45	92	8	5700	StCu	1	ACu	2	2
Renfrew	1025.3	-3	W	3	c	46	85	7	5700	Cu	5	ASt	9	1	1024.7	-1	WNW	3	c	42	85	7	4000	StCu	9	-	9	*
Edinburgh (Inchkeith)	1023.6	*	W	3	c	43	92	7	4000	Cu	4	ACu	9	*	1022.4	*	WSW	3	c+	45	85	8	1500	St	9	-	9	1
Leuchars	1024.0	-1	WNW	3	c	45	75	8	5700	StCu	6	ACu	8	1	1023.1	-1	W	3	c	44	75	8	2500	StCu	8	ASt	10	*
Eskdalemuir	1024.6	-2	WNW	4	c	41	75	8	1500	StCu	9	-	9	3	1023.9	-1	WNW	3	bc	41	85	8	2500	StCu	7	-	7	*
Tynemouth	1024.1	-2	W	2	c/r	40	85	6	1500	Nb	8	-	8	*	1022.7	-1	W	2	o	41	~~92~~ 85	6	1500	Nb	10	-	10	2
Blacksod Point	1028.5	0	S	2	bcv	49	75	9	*	CuNb	4	-	4	*	1027.9	-1	SW	1	c+	46	85	7	*	CuNb	10	-	10	2
Donaghadee	1026.8	-2	WNW	2	c+	43	92	8	5700	StCu	8	-	8	*	1026.3	0	W	3	bc-	43	92	8	5700	StCu	7	-	7	2
Birr Castle	1028.6	*	SW	2	b+	26	55	7	-	-	0	ACu	2	*	1027.5	*	SW	2	b	33	97	7	2500	Cu	1	ACu	2	*
Holyhead	1027.6	0	NW'N	2	bc-	46	65	8	4000	StCu	7	-	7	1	1026.4	0	NW	4	c	47	75	7	4000	StCu	9	-	9	1
Liverpool (Bidston)	1026.5	-2	NW'W	3	c	45	65	7	4000	St	7	ACu	9	*	1024.7	-1	W'N	4	c+	45	85	8	2500	StCu	4	ASt	10	*
Chester (Sealand)	1026.1	-2	NW'N	4	c+	46	65	7	4000	Cu	1	ACu	9	1	1024.8	-2	WNW	4	cr$_0$	44	75	8	2500	Nb	9	-	9	*
Harrogate	1025.1	-1	WSW	2	cr$_0$	40	75	7	4000	Nb	9	ASt	10	*	1023.7	-1	W'S	1	c	41	85	7	4000	Nb	9	ASt	10	*
Spurn Head	1023.8	-1	WNW	4	bc	41	75	7	-	-	0	ACu	4	*	1022.2	-1	W	4	o	40	85	5	2500	St	10	-	10	1
Birmingham (Edgbaston)	1026.9	-2	W	3	bc	42	55	5	4000	StCu	5	-	5	2	1025.3	-2	WNW	2	or$_0$	41	85	5	2500	St	10	-	10	*
Cranwell	1026.6	-1	W'S	1	b	42	75	6	-	-	0	-	0	0	1024.9	-3	W	2	o/r	38	97	6	800	St	10	-	10	*
Gorleston	1024.1	0	NW	3	bc-	44	65	7	2500	Cu	4	-	4	*	1023.6	-1	WNW	2	b	37	92	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1030.4	-2	-	0	b	45	75	8	4000	Cu	1	-	1	1	1029.9	0	ENE	1	b	36	85	8	-	-	0	-	0	0
Roches Point	1030.2	-1	N	2	b	43	75	8	2500	Cu	1	-	1	*	1029.4	-1	N	2	b	40	92	8	-	-	0	-	0	1
Pembroke (St. Ann's H.)	1028.7	0	-	0	c ~~c+~~	45	85	8	2500	Cu	7	ASt	9	*	1027.4	0	NW	2	bc-	40	85	8	1500	Cu	2	ACu	4	0
Ross-on-Wye	1027.0	0	NW	2	bc-	42	65	8	4000	StCu	6	-	6	1	1026.1	0	SW	2	c+	39	75	8	4000	StCu	9	-	9	*
Leafield	1026.1	-2	NW	2	b	41	65	7	4000	Cu	1	-	1	0	1025.8	-1	WSW	2	c	37	85	8	4000	StCu	10	-	10	*
Winchester (Worthy Dn.)	1026.5	-2	N	2	b	41	75	6	2500	Cu	1	ACu	2	0	1026.3	0	W'N	2	b	29	92	6	2500	Cu	1	-	1	*
S. Farnborough	1025.9	-2	WNW	1	b-	40	85	6	-	-	0	ACu	1	1	1025.8	0	-	0	b	30	85	6	-	-	0	-	0	*
London (Kew Obsy.)	1025.9	-3	N	3	bc	41	65	5	5700	Cu	4	-	4	1	1025.8	0	NWW	1	fb-	35	85	3	-	-	0	-	0	*
Croydon	1025.6	-3	WNW	2	mmbc	40	75	4	2500	StCu	4	-	4	1	1025.6	0	WSW	2	b/m	32	85	5	-	-	0	-	0	*
Shoeburyness	1025.0	+1	N'W	4	b	44	75	8	2600	Cu	1	ACu	2	*	1024.9	0	W	1	b	34	92	8	-	-	0	-	0	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.7	0	NW	3	bc	36	92	6	-	-	0	ACu	3	1
Felixstowe	1024.6	-1	N'W	4	b	44	65	8	4000	Cu	1	ACu	2	1	1024.3	0	NW'N	1	b	38	92	7	-	-	0	-	0	0
Lympne	1024.4	-2	NNW	4	b-	41	85	7	800	St	2	-	2	2	1024.9	+1	NW	3	b	35	85	6	-	-	0	-	0	*
Scilly (St. Mary's)	1028.3	0	N'E	3	bc	47	75	8	4000	Cu	5	ACu	7	*	1028.7	0	N'W	3	bc	45	75	8	4000	StCu	5	-	5	2
Falmouth (Pendennis)	1028.9	-1	N'W	1	c	45	75	8	4000	StCu	9	-	9	*	1028.4	+1	-	0	bc+	43	85	7	4000	CuNb	7	-	7	0
Plymouth (Cattewater)	1028.0	-1	N	2	c	43	65	7	2500	St	9	-	9	2	1027.8	+1	-	0	bc	42	75	7	2500	StCu	7	-	7	0
Portland Bill	1026.6	-1	N	2	bc+	44	65	6	2500	Cu	3	CiCu	4	*	1026.3	+1	N'W	2	b	41	65	6	2500	StCu	1	-	1	0
Southampton (Calshot)	1026.6	-2	N'W	4	b	42	65	6	4000	Cu	2	-	2	0	1026.6	0	WNW	2	b	36	85	7	-	-	0	-	0	0
Dungeness	1025.2	-1	N	2	bc-	42	85	8	1500	Cu	4	-	4	*	1025.2	0	NW	1	b-	34	85	6	-	-	0	-	0	1
Guernsey (Fort George)	1026.6	-1	N	3	c	45	65	8	2500	Cu	8	-	8	*	1026.8	0	N	4	bc-	42	55	8	2500	Cu	4	-	4	4

LONDON OBSERVATIONS.	Heights above M.S.L. in feet.	Weather Morning (24 hours ended 8h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility 8h.
Kew } Croydon } 24 hours ended 7h.	18	bcxw	bmfx	bfwx	43	34	22	0.1	0.1	4.5	*	*	4
	244	bcmbc	bcm$_0$	bmxcb	41	31	24	=	0.2	0.9	*	*	*
Greenwich (Royal Obsy.)	160	cbz$_0$	cbz$_0$	bz$_0$xbc	43	34	21	tr.	0.3	1.7	67	86	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.7	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	44	34	22	-	-	2.1	56	99	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	2.7	*	*	*
Camden Square	110	c	bcb	*	42	36	21	trace		*	*	92	*
Kensington Palace	80	bc	bc	*	42	35	23	-	0.3	*	(At 18h) .50	100	*
Hampstead Observatory	450	*	*	*	40	29	17	-	0.3	4.0	*	95	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 14th.

South Kensington

Max.	Time.	Min.	Time.
2.5	19h 13th	<0.3	2h 14th

Kew Observatory

Max.	Time.	Min.	Time.
1.1	19h 13th	<0.3	21h 14th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 13th 17 h 15 m. to 14th 6 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.0	2.50	22
δ Ursae Minoris	13.0	1.53	14

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

14th - 15th, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.14 / 7.16	11.38 / 11.38	16.1 / 15.59
Greenwich	7.17 / 7.18	11.44 / 11.45	16.11 / 16.10
Wick	7.59 / 8.2	11.57 / 11.57	15.54 / 15.52
Valentia	7.59 / 8.1	12.25 / 12.26	16.51 / 16.50

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

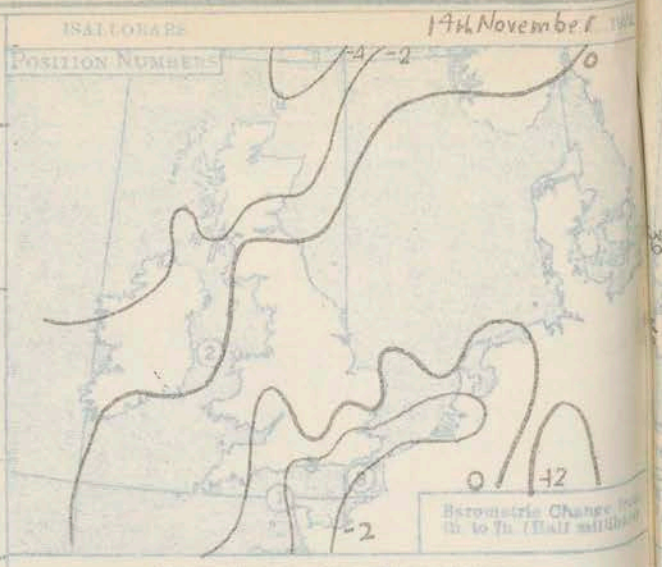
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 13th	WEATHER. 13h.-18h. 13th	WEATHER. 18h.-13th to 1h. 14th	WEATHER. 1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 13th Hours.
Lerwick	bc	bc	bccid	c	44	38	·	–	–	Trace	24.00	6.7
Stornoway	co	co	p	r.d	48	42	·	–	–	4	–	0.0
Wick	cprc	cid.c	circ	c	47	35		1	<8.00	1	<21.00	·
Tiree	r.bcp	cq	copr.	o	49	43	38	0.1	<8.00	0.1	<21.00	0.3
Nairn	cpk	cd	c	c	43	32		1	9.00	–	–	0.0
Aberdeen	cbepr.	cir.	coir.c	c	42	36	35	0.2	<8.00	1	<21.00	2.0
Malin Head	cbee	bcbe	bbcce	ce	49	41		–	–	–	–	0.3
Renfrew	bcrmc	c	cbxm.	bxem	46	32	24	Trace	11.00	–	–	0.3
Edinburgh (Inchkeith)	c	c	p	cim.	45	40	39	–	–	Trace	–	0.1
Leuchars	cprc	c	c	c	45	40	36	Trace	9.00	–	–	0.1
Eskdalemuir	c	cbc	bcbx	bxc	42	35	30	–	–	–	–	0.1
Tynemouth	coirm	co	oir.	o	41	40	37	1	9.00	0.4	<21.00	·
Blacksod Point ...	pchcb	pbco	o	o	49	44		Trace	a	–	–	·
Donaghadee	bcc	cbc	bc	bc	45	37		–	–	–	–	·
Birr Castle	b	b	bbc	cim.	47	39	19	–	–	–	–	5.3
Holyhead	c	bcc	pr.c	cbc	47	46	43	–	–	Trace	<21.00	2.2
Liverpool (Bidston) ...	cbbcc	cbcco	bwrp.	cp.v	45	43	38	–	–	1	<21.00	1.0
Chester (Sealand) ...	xbcmc	c	orr.m.	o.r.	46	43	40	Trace	17.30	2	<21.00	1.7
Harrogate	bbccir.	cir.	coir.	oc	41	41	38	0.3	12.30	Trace	<21.00	1.1
Spurn Head	b.bc	bcpr.	cpr.	cpbc	42	40	·	Trace	16.30	Trace	24.00	4.9
Birmingham (Edgbaston)	bfbc	bbc	oir.	bc	43	39	37	Trace	17.30	0.4	<21.00	4.1
Cranwell	b.bc	bcr.o	oir.bc	bcodr	42	35	32	0.2	15.30	0.4	<21.00	6.3
Gorleston	bc	bc b	bbccm	mxorc	46	32	29	–	–	1	3.30	6.5
Valentia (Cahirciveen)	bxbcb	bv	bxbcc	bcxo	48	31	23	0.1	–	Trace	–	7.3
Roches Point	b	bx	bx	bx	46	33	·	–	–	–	–	·
Pembroke (St. Ann's H.)	bccrr	bc	bc	bc	47	38		1	9.00	–	–	1.1
Ross-on-Wye	bmbc	bebbc	cor.	r.oc	44	38	32	–	–	0.6	24.00	6.2
Leafield	bm	bcc	bcr	crd.	41	36	34	0.1	–	1	<21.00	7.0
Winchester (Wortley Dn.)	bcxbm	b bm.	bxbccpr	cr.o.m	42	29	20	–	–	2	22.00	4.4
S Farnborough ...	xbosfb	bm bx	bxrsb	om.d	42	29	20	1	11.00	1	22.00	4.4
London (Kew Obsy.) ...	bcxcbcm	bmbfx	bfcmu	bmx.i	43	34	22	0.1	–	0.1	–	4.5
Croydon	bcmcbm	bcm3m.	bomx	cmxfpc	41	31	24	–	–	0.2	5.30	0.9
Shoeburyness	bcb	b	b	bcmf	45	31	21	–	–	0.6	2.30	5.5
Clacton-on-Sea ...	bc	bc	bcb	pbccpo	44	33	27	–	–	0.4	3.30	5.4
Felixstowe	bcb	b	bwx	bccf	44	34	30	–	–	Trace	6.30	7.0
Lympne	cbcmb	bbcbm.	bxcm	cxfr.	41	38	20	–	–	0.2	22.00	4.7
Scilly (St. Mary's) ...	bc	b.bc	bc	bc	49	43	·	–	–	–	–	3.9
Falmouth (Pendennis)	bcc	cbcm.	bc	bcc	46	40		–	–	–	–	1.2
Plymouth (Cattewater)	bmwc	cym.	cbc	bcwxc	45	35	29	–	–	–	–	1.1
Portland Bill	cb3.	bcb3.	bc	cir.	45	38		–	–	Trace	2.30	·
Southampton (Calshot)	bcxmb	b3.	cwxgss	corfm	49	33	30	–	–	2	24.00	6.2
Dungeness	cbc	bc b	bcx	cibc	43	30	·	–	–	0.3	2.30	
Guernsey	bcc	cphbcy	bcbac	coprc	46	40	·	Trace	16.30	0.1	?	3.8



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind: Direc.	Wind: Force.	Weather.	Temp. Air	Temp. Sea.	
3	14th 2h	Dieppe	N.W	2	bc+	48	55	8

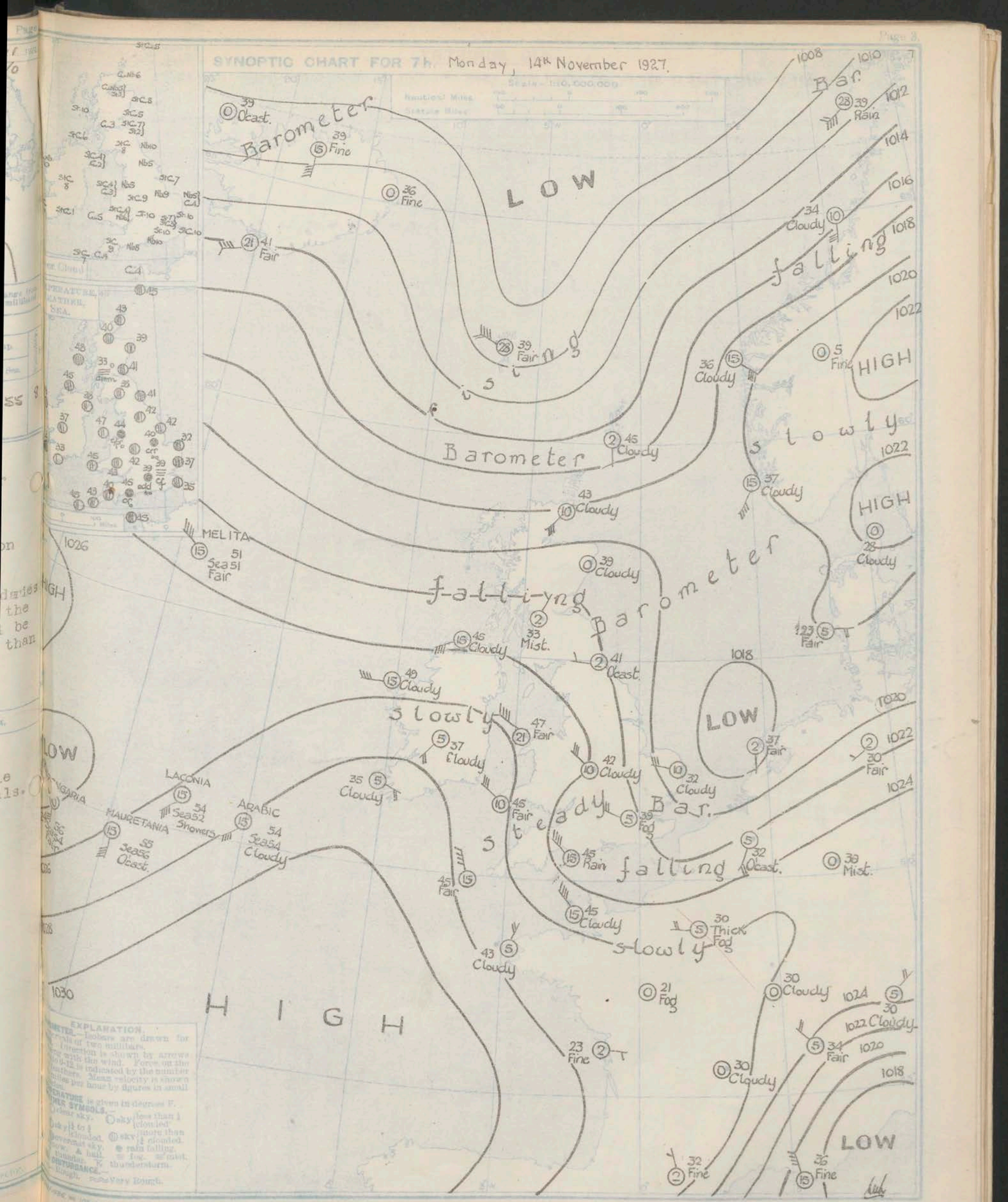
GENERAL INFERENCE.

The anticyclone off our south-west coasts is moving southwards, but there is another anticyclone in Mid-Atlantic. A large depression centred near Bear Island is moving southeast and still becoming deeper, while secondaries are moving southeast across the British Isles. Weather will be rather unsettled and milder than of late, but will be mainly fair tomorrow in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 14th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Wind N.W. to W., moderate or light; mainly cloudy; occasional slight rain or drizzle; milder than of late.	Considerable fair intervals.
8. N.W. England 9. N. Midlands 10. N.E. England	Wind W., moderate, veering somewhat later; cloudy, probably a little rain tonight; mainly fair tomorrow; milder than of late.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind W. to N.W., moderate to light; cloudy with occasional rain at first; fair or fine later; moderate day temperature; slight frost locally at night.	
13 (A. W. Scotland B. N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland	Wind W. to N.W., moderate; cloudy, some rain at first, becoming fair apart from local showers; moderate day temperature, ground frost locally at night.	
18. N.E. Ireland	As 8 & 10.	
19. S.E. Ireland 21. S.W. Ireland	Wind W., light or moderate, veering later; cloudy, occasional slight rain or drizzle; fairer tomorrow; mild.	cloud

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1000 G.M.T. G. C. SIMPSON, F.R.S., Director.

¶ For code see page 1 † Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. Monday, 14th November 1927.
LOW
HIGH
Barometer
falling
slowly
steady
Bar.
MELITA
LACONIA
MAURETANIA
ARABIC
EXPLANATION.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Monday, 14th November 1927. No. 318.

Observations at 1h. G.M.T. 14th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1018.8	-2	WSW	1	c	42	97	8	5700	StCu	10	–	10
Stornoway	30	1022.1	-2	W	2	r	*	*	6	*	*	*	*	*
Wick	81	1022.3	-1	WSW	2	c	42	92	8	1500	Nb	5	ASt	8
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	1025.7	-1	W	2	ct	45	97	8	5700	StCu	9	–	9
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1023.1	*	WSW	3	c	43	92	8	1500	St	10	–	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1022.6	0	WNW	2	ojp	42	92	7	1500	Nb	10	–	10
Blacksod Point	18	1026.8	-1	SW	5	c	46	85	7	*	CuNb	10	–	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	28	1026.0	0	NNW	4	c	48	75	8	4000	StCu	9	–	9
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1020.2	0	NW	6	c	41	92	6	4000	CuNb	9	–	9
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	230	1023.4	-2	W'N	3	bc	37	97	5	2500	StCu	5	ACu	7
Gorleston	14	1021.3	-3	WSW	3	ct	34	92	5	800	St	9	–	9
Valentia (Cahirciveen)	30	1029.4	0	SE	1	b-	40	85	9	–	–	0	ACu	2
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1027.3	0	NW	3	bct	45	75	8	2500	Cu	6	ACu	7
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	39	*	*	*	*	*	*	*
Croydon	244	1024.3	-1	W'S	3	o	37	92	5	800	St	10	–	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1023.8	-1	WNW	3	ct	31	92	6	2500	StCu	10	–	10
Scilly (St. Mary's)	163	1028.7	0	NW	2	bc	44	75	8	4000	Cu	5	–	5
Falmouth (Pendennis)	200	1028.7	0	NW	3	bc	42	75	8	4000	StCu	7	–	7
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	33	1025.8	-1	NW'W	3	c	45	65	8	2500	StCu	10	–	10
Southampton (Calshot)	10	1025.6	-1	W'S	2	cfro	38	92	7	1500	Nb	10	–	10
Dungeness	20	1024.2	-1	W	1	ct	34	92	6	4000	StCu	10	–	10
Guernsey (Fort George) ℙ	295	1026.2	-1	W	1	ct	40	75	8	2500	StCu	10	–	10

Observations at 7h. G.M.T. 14th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1014.8	-4	S	1	c	45	97	8	5700	StCu	5	ASt	9	*
Stornoway	1017.7	-4	WNW	3	ofb	46	92	7	1500	St	10	–	10	2
Wick	1018.1	-2	SW	3	c	48	85	8	1500	CuNb	6	CiSt	8	0
Tiree	1021.8	-1	W'N	4	o+	48	92	8	1500	St	10	–	10	4
Nairn	1020.0	–	–	0	c	40	85	8	1500	CuNb	8	–	8	*
Aberdeen	1021.1	-2	–	0	c	39	85	7	4000	StCu	8	–	8	0
Malin Head	1023.6	-3	WSW	4	uc-	45	97	8	4000	StCu	6	CiCu	8	2
Renfrew	1023.1	-2	NNE	1	mo	33	97	4	5700	Cu	3	ACu	8	*
Edinburgh (Inchkeith)	1021.2	*	WSW	3	c	41	97	6	800	StCu	9	–	9	1
Leuchars	1021.9	0	SW	3	c-	41	85	8	5700	StCu	5	ACu	8	*
Eskdalemuir	1023.0	0	WNW	4	c	38	92	8	4000	StCu	8	–	8	*
Tynemouth	1022.0	0	W	1	o	41	85	7	1500	Nb	10	–	10	2
Blacksod Point	1025.5	-2	W	4	c	49	75	8	*	CuNb	10	–	10	4
Donaghadee	1024.4	-1	WNW	2	bct	38	97	8	2500	StCu	6	–	6	1
Birr Castle	1026.8	*	SW	2	ct	37	97	6	2500	StCu	8	–	8	*
Holyhead	1025.0	-1	NW	5	bc	47	85	8	4000	StCu	7	–	7	3
Liverpool (Bidston)	1024.4	0	NNW	3	cpro	44	85	9	2500	Nb	5	ASt	9	*
Chester (Sealand)	1024.1	0	NW	3	ofro	44	85	7	1500	St	10	–	10	*
Harrogate	1023.1	0	W	1	c	42	75	8	4000	Nb	5	ASt	10	*
Spurn Head	1020.7	0	NW	5	bct	42	92	7	4000	StCu	7	–	7	1
Birmingham (Edgbaston)	1024.2	0	NW	3	c	42	92	5	4000	StCu	9	–	9	*
Cranwell	1023.0	0	NW	3	cro	40	97	6	1500	Nb	9	ASt	10	*
Gorleston	1019.7	-1	W'N	3	c	32	97	6	1500	Nb	9	–	9	0
Valentia (Cahirciveen)	1028.9	-1	E'S	2	c	35	97	8	4000	StCu	10	–	10	1
Roches Point	1029.0	0	N	2	b	33	92	8	2500	StCu	1	–	1	1
Pembroke (St. Ann's H.)	1026.1	0	NW	3	bc	45	75	8	1500	Cu	5	ACu	7	1
Ross-on-Wye	1024.0	-1	SW	2	c	43	85	8	2500	Nb	10	–	10	*
Leafield	1023.2	0	NW'N	3	oddo	40	97	7	1500	St	10	–	10	*
Winchester (Worthy Dn.)	1023.9	-2	WNW	3	ofo	39	97	6	800	Nb	10	–	10	*
S. Farnborough	1023.1	0	W	1	odo	39	97	5	220	St	10	–	10	*
London (Kew Obsy.)	1023.0	0	WNW	2	fc	39	97	4	<150	StCu	10	–	10	*
Croydon	1022.9	0	W'N	2	bdo	38	97	5	800	St	10	–	10	*
Shoeburyness	1022.0	-3	NW'W	3	cfr	38	97	6	800	StCu	7	ASt	10	*
Clacton-on-Sea	1021.5	-1	WNW	3	o	37	97	6	4000	St	10	–	10	1
Felixstowe	1021.2	0	NW'W	3	cfro	40	92	5	1500	StCu	8	ASt	10	1
Lympne	1022.0	-2	NW	3	cro	34	97	3	<150	St	9	–	9	*
Scilly (St. Mary's)	1027.7	0	NNW	4	bc	45	75	8	4000	StCu	7	–	7	1
Falmouth (Pendennis)	1027.1	0	NW'W	2	c	43	75	8	4000	Cu	4	ACu	8	0
Plymouth (Cattewater)	1026.3	0	NNW	1	c	40	75	8	4000	StCu	9	–	9	0
Portland Bill	1023.9	-1	NW	4	cro	45	85	8	2500	Nb	8	ASt	10	0
Southampton (Calshot)	1024.0	-2	NW'W	3	ofro	40	97	6	800	Nb	10	–	10	0
Dungeness	1022.7	+3	NNW	2	c	35	97	6	2500	StCu	10	–	10	0
Guernsey (Fort George)	1025.3	-1	NW'N	4	c	45	75	9	4000	Cu	4	ASt	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 13th November

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 12th to 9h. 13th (4) °F.	Temperature Max. 9h.-17h. 13th (5) °F.	Rainfall† Night 17h.-9h. 12th-13th (6) mm.	Rainfall† Day 9h.-17h. 13th (7) mm.	Sunshine Sunrise to Sunset 13th (8) hr.
Berwick-on-Tweed	cpro	c	30	44	–	Trace	0.0
Douglas (I. o. M.)	bcc	crsodo	30	46	–	Trace	1.3
Llandudno	c	c	33	46	–	–	0.0
Colwyn Bay	bcc	coc	34	47	–	– 0.1	2.5
Rhyl	xc	c	30	46	–	–	0.3
Wallasey	xbcc	cro	30	46	–	Trace	0.6
Southport	xbcc	for	*29	46	–	2	0.5
Blackpool	om	or	29	45	–	3	0.0
Ilkley	go	doo	25	40	–	0.3	0.1
Cleethorpes	bo	of	34	41	0.4	–	3.7
Skegness	cbcb	bbco	33	45	4	–	4.6
Aberystwyth	xzbc	bcc	29	46	–	–	2.5
Bath	b	bbcc	29	44	–	–	6.0
Cheltenham‡	fcbc	bccm	28	41	–	–	4.3
Leamington Spa	bcm	cm	28	41	–	–	3.1
Lowestoft	b	b	36	44	4	–	6.6
Felixstowe	bcb	bbc	33	44	5	–	7.0
Harwich & Dovercourt	bc	bc	34	45	2	–	6.5
Southend	ocbc	b	33	45	Trace	–	4.7
Ilfracombe	o	oc	42	45	–	–	0.0
Bude	c	cbc	40	46	–	–	0.6
Penzance	cz	cbc	34	48	–	–	0.9
Paignton	bmbc	bm	33	–	–	–	1.6
Torquay	cmwx	cmbcm	35	45	–	–	2.3
Jersey	bcrh	bc	42	48	Trace	1	3.5
Weymouth	b	b	34	45	–	–	6.7
Bournemouth	b	b	31	44	–	–	7.0
Ventnor	xb	b	32	42	–	–	7.4
Portsmouth (S'thsea)	b	bbc	33	44	–	–	3.6
Bognor	bc	bc	34	44	–	–	3.2
Littlehampton	bc	bc	34	46	–	–	3.6
Worthing	bcc	bc	34	42	–	–	4.0
Brighton	bc	bc	33	43	–	–	2.7
Eastbourne‡	bcbc	bm	34	44	–	–	3.8
Hastings‡	bcbbc	bcb	34	43	1	–	4.8
Folkestone	bc	bc	36	44	5	–	5.2
Dover	cbc	bcbz	37	44	0.3	–	5.5
Tunbridge Wells	bcbc	bcbc	32	43	–	–	4.0
Ramsgate	bc	bcb	39	44	1	–	3.8
Margate	bc	bc	39	44	3	–	5.2
Deal	hocro	bcb	37	44	4	1	4.8

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* Information not usually received. ℙ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. † See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. * 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24099 Tuesday 15th November 1927. Page 1.

Observations at 13h. G.M.T. 14th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Cloud Low Height Feet	Low Form	Low Amt. 0–10	Upper Form	Total Amt. 0–10	State of ground.
Lerwick	1012.0	−5	WSW	1	o/p	44	75/92	7	4000	Nb	10	-	10	•
Stornoway	1018.1	0	NNW	1	bc/p5	45	85	8	4000	CuNb	4	-	4	•
Wick	1016.3	−2	W	1	c	45	92	8	1500	Nb	6	Ci.St	8	•
Tiree	1020.0	0	N	4	c	49	85	8	1500	St.Cu	8	-	8	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1017.6	−3	SW	1	orr	42	97	4	2500	Nb	10	-	10	2
Malin Head	1021.0	−3	SW'W	4	or	49	97	5	1500	St	10	-	10	•
Renfrew	1020.1	−4	SW	3	cr₀	47	92	5	1500	Nb	8	A.St	10	1
Edinburgh (Inchkeith)	1018.3	*	WSW	3	cr₀	46	97	6	450	St	5	A.Cu	9	•
Leuchars	1018.7	−4	SW	3	c	45	85	8	5700	St.Cu	5	A.St	9	1
Eskdalemuir	1020.7	−3	WSW	4	c	45	75	8	2500	St.Cu	8	A.Cu	9	1
Tynemouth	1020.7	−2	W	2	c	46	85	6	1500	Nb	8	-	8	•
Blacksod Point	1024.2	−2	WSW	4	c	52	85	7	-	St.Cu	10	-	10	•
Donaghadee	1022.8	−3	W	2	c−	46	92	7	5700	St.Cu	5	A.St	9	•
Birr Castle	1025.4	•	SW	2	c	46	75	6	2500	St.Cu	9	-	9	•
Holyhead	1024.3	−1	WNW	5	c/p5	47	85	8	1500	St.Cu	9	[illegible]	9	1
Liverpool (Bidston)	1023.4	−2	W'N	3	c/p	46	85	9	2500	Nb	8	Ci.St	9	•
Chester (Sealand)	1023.2	−2	NW	4	cr₀	47	85	8	2500	St	9	-	9	2
Harrogate	1022.2	0	W'N	3	c	46	65	8	4000	Nb	4	A.St	10	•
Spurn Head	1021.3	0	NW	4	c	45	85	6	7200	St.Cu	8	-	8	•
Birmingham (Edgbaston)	1023.7	−1	NW	3	c−	45	75	5	4000	St.Cu	8	-	8	2
Cranwell	1022.7	−1	NW	2	c	44	97	6	1500	St	10	-	10	1
Gorleston	1020.4	0	NNW	4	bc/p5	47	75	6	1500	Cu	7	-	7	•
Valentia (Cahirciveen)	1028.0	+2	SE'E	3	c	46	85	8	2500	St.Cu	10	-	10	5
Roches Point	1027.0	−2	WSW	1	c	44	92	8	2500	St.Cu	9	-	9	•
Pembroke (St. Ann's H.)	1025.8	−2	NW	3	c+	48	75	8	2500	Cu	6	Ci.Cu	8	•
Ross-on-Wye	1023.8	−1	NW	2	bc	48	65	8	4000	St.Cu	3	Ci	4	1
Leafield	1023.3	−1	NW	4	c	44	85	8	4000	Cu	3	A.St	10	1
Winchester (Worthy Dn.)	1023.7	−1	NW'W	2	or₀	45	92	7	1500	St	10	-	10	2
S. Farnborough	1023.0	0	WNW	2	c	45	85	6	800	Nb	10	-	10	2
London (Kew Obsy.)	1022.9	−1	NNW	3	c	45	75	6	2500	St.Cu	6	A.Cu	10	1
Croydon	1022.7	−1	NW'W	2	mmc	45	85	4	1500	St	9	-	9	2
Shoeburyness	1022.5	0	NNW	3	bc−	47	75	8	4000	Cu	3	A.Cu	4	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	1021.5	−1	NW'N	3	bc	47	85	8	4000	Cu	1	A.Cu	3	1
Lympne	1021.2	−2	NW'N	3	bc	44	75	6	2500	Cu	6	-	6	2
Scilly (St. Mary's)	1027.7	0	NW'N	4	c+	48	65	8	4000	St.Cu	9	-	9	•
Falmouth (Pendennis)	1027.2	0	NW'N	4	bc	49	65	9	4000	Cu	4	A.Cu	5	•
Plymouth (Cattewater)	1025.5	−2	N	4	bc+	49	65	7	2500	Nb	5	-	5	2
Portland Bill	1024.0	−1	WNW	3	c	49	75	6	2500	St.Cu	10	-	10	•
Southampton (Calshot)	1024.0	0	NW'N	4	cr₀	46	92	6	1500	Nb	7	A.St	10	5
Dungeness	1022.3	−2	NNW	2	bc	44	85	7	2500	Cu	5	-	5	•
Guernsey (Fort George)	1025.3	−2	NW	3	cr₀	47	85	7	1500	Nb	10	-	10	•

Observations at 18h. G.M.T. 14th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0–9	Cloud Low Height Feet	Low Form	Low Amt. 0–10	Upper Form	Total Amt. 0–10	Sea. 0–9
Lerwick	1012.0	0	W'N	1	bc/r	41	92	8	5700	St.Cu	4	A.St	6	•
Stornoway	1018.2	0	NNW	1	bc/p5	42	85	8	4000	CuNb	3	-	3	1
Wick	1016.7	0	WNW	2	c	38	97	8	1500	CuNb	6	Ci.St	8	0
Tiree	1019.7	0	N'W	3	b	46	85	8	2500	CuNb	2	-	2	4
Nairn	1017.6	•	W	2	c/r	39	92	8	4000	CuNb	8	-	8	•
Aberdeen	1017.4	+1	WNW	2	bc−	41	92	6	4000	St.Cu	3	-	3	0
Malin Head	1020.7	0	NNW	4	c	49	85	7	4000	St.Cu	9	-	9	2
Renfrew	1018.0	0	NW	4	b−	44	85	8	-	-	0	-	0	•
Edinburgh (Inchkeith)	~~1018.5~~ 1016.5	*	WSW	2	c+	41	97	7	800	St	~~10~~ 9	-	~~10~~ 9	1
Leuchars	1017.2	0	-	0	c−	43	97	6	1500	St	8	A.St	9	•
Eskdalemuir	1018.1	−4	SW'W	4	or₀r₀	43	97	6	800	Nb	10	-	10	•
Tynemouth	1018.6	−3	SW	4/2	or₀	44	92	6	1500	Nb	10	-	10	2
Blacksod Point	1022.7	−2	WSW	4	c	52	85	8	•	St.Cu	10	-	10	4
Donaghadee	1020.7	−2	WSW	2	c	47	97	7	5700	St.Cu	5	A.St	9	1
Birr Castle	1024.1	•	S	1	c	45	92	6	2500	St.Cu	4	A.St	9	•
Holyhead	1022.5	−1	W'N	5	cd₀	49	85	6	1500	Nb	10	-	10	4
Liverpool (Bidston)	1021.7	−1	W'S	4	od	45	97	7	2500	Nb	10	-	10	•
Chester (Sealand)	1021.8	−2	WNW	2	c	46	85	6	2500	St.Cu	10	-	10	•
Harrogate	1020.1	−1	WSW	3	o	43	85	7	4000	Nb	10	-	10	•
Spurn Head	1020.0	0	W'S	3	o	44	92	5	2500	St	10	-	10	2
Birmingham (Edgbaston)	1023.0	−1	W	3	cr₀	43	85	5	2500	Nb	9	-	9	•
Cranwell	1022.2	−1	W	1	c	42	97	5	800	St	10	-	10	•
Gorleston	1020.8	0	W	2	b	39	92	5	-	-	0	A.St	2	0
Valentia (Cahirciveen)	1026.4	−1	SE'S	2	c	48	75	8	2500	St.Cu	10	-	10	3
Roches Point	1026.8	−2	NW	1	c	44	92	8	2500	St.Cu	10	-	10	1
Pembroke (St. Ann's H.)	1023.8	0	NW'W	4	c	47	75	8	2500	St.Cu	7	Ci.Cu	8	1
Ross-on-Wye	1023.4	0	WSW	2	c	44	85	8	2500	St.Cu	10	-	10	•
Leafield	1023.2	0	WNW	1	c	42	85	7	5700	St.Cu	9	-	9	•
Winchester (Worthy Dn.)	1023.8	+2	W	2	c	43	85	7	2500	St.Cu	9	-	9	•
S. Farnborough	1022.9	0	W'N	2	c	43	92	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1023.2	0	W	1	mmo	43	92	4	1500	St	10	-	10	•
Croydon	1022.9	0	W'S	2	cd₀	43	92	4	1500	St	10	-	10	•
Shoeburyness	1022.4	0	NNW	3	b	40	97	7	2500	Cu	2	-	2	•
Clacton-on-Sea	1022.0	0	WNW	3	bc	40	85	6	4000	St.Cu	3	-	3	2
Felixstowe	1022.1	+1	WNW	2	b	41	92	7	-	-	0	-	0	1
Lympne	1022.9	+1	NW	2	bc+	38	85	6	2500	St.Cu	4	-	4	•
Scilly (St. Mary's)	1026.9	−1	NW	4	c	46	85	9	4000	St.Cu	10	-	10	1
Falmouth (Pendennis)	1026.9	0	NNW	2	c+	46	75	7	4000	St.Cu	9	-	9	0
Plymouth (Cattewater)	1025.6	0	N	3	bc	45	65	7	4000	Ci	6	Ci	7	0
Portland Bill	1023.8	−1	WNW	3	c	48	75	6	2500	St	9	-	9	1
Southampton (Calshot)	1023.9	0	W'N	3	b−	44	85	7	4000	St.Cu	2	-	2	0
Dungeness	1022.7	+1	NNW	2	bc+	38	92	6	2500	CuNb	4	-	4	2
Guernsey (Fort George)	1025.1	0	-	0	c/r	46	92	7	1500	Nb	9	-	9	3

London Observations.

London Observations.	Height above M.S.L. in feet.	Weather (24 hours ended 9h.) Morning.	Afternoon.	Night.	Temperature Max. Day. °F.	Min. Nght. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Night.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	cwm	cr mo	cm r₀	46	42	36/38	Tr.	0.2	0.0	•	•	5
Croydon } 24 hours ended 7h.	244	od m c	cm d	cm d c	45	42	38	Tr.	0.1	0.0	•	•	6
Greenwich (Royal Obsy.)	149	cd	cdc	crdc	46	40	33	Tr.	0.3	0.1	79	88	3
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.2	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	47	42	32			0.1	83	93	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.1	•	•	•
Camden Square	110	c	c	•	45	41	36	−	0.5	•	•	91	•
Kensington Palace	80	o	o	•	46	42	37	0.2	1	•	(At 18h) [illegible]	84	•
Hampstead Observatory	450	•	•	•	44	38	29	0.3	1	0.2	•	93	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 15th

South Kensington			
Max.	Time.	Min.	Time.
2.0	20h14th	<0.3	3h15th

Kew Observatory			
Max.	Time.	Min.	Time.
0.5	17h14th	<0.3	2h15th

Pole Star Record at Greenwich Obsy.

Exposure from 14th 17 h. 15 m. to 15th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.0	0.59	8
δ Ursae Minoris	13.0	0.59	8

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 15th–16th Nov., 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.16	11.38	15.59
	7.17	11.38	15.58
Greenwich	7.18	11.45	16.10
	7.20	11.45	16.9
Wick	8.2	11.57	15.52
	8.4	11.57	15.50
Valentia	8.1	12.26	16.50
	8.3	12.26	16.48

Beaufort Notation of Weather.
b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

Symbols.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ Telegraphic Code for Surface Visibility.

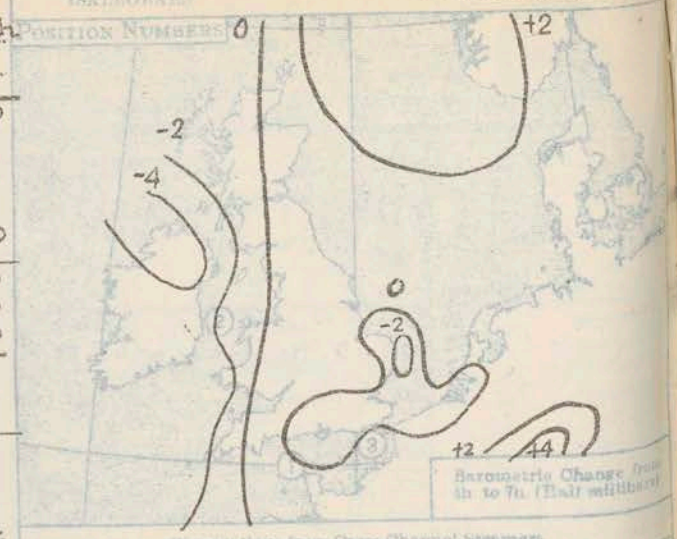
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

15th November 1927.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 14th	Weather. 13h.-18h. 14th	Weather. 18h. to 1h. 15th	Weather. 1h.-7h. 15th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	Day. 7h.-18h. began.	Night. 18h.-7h. mm.	Night. 18h.-7h. began.	Sun 14th. Hours.
Lerwick	corr	cprbc	bcb	b	46	37	·	8	<8.00	2	–	0.0
Stornoway	p	p	p	p	47	33	·	0.6	*	2	*	3.7
Wick	circ	cPRc	PRbc	bbc	45	33	·	3	9.00	2	<21.00	·
Tiree	bro	prbc	co	o	50	34	25	1	11.00	–	–	1.7
Nairn	cPR	cbcpr	cbcx	bc	45	33	·	2	11.00	–	–	0.7
Aberdeen	comrr	orrmcbc	b	bx	42	31	27	4	11.00	–	–	0.0
Malin Head	coam	omcirc	cbce	cir	50	41	·	2	9.00	3	3.30	0.0
Renfrew	cfccr	crbc	bxm	bxff	48	24	16	0.2	11.00	–	–	0.3
Edinburgh(Inchkeith)	cemir	p	cbcb	wmm	48	36	32	Trace	11.00	Trace	–	0.3
Leuchars	c	crc	omb	bxbx	45	28	22	0.3	14.30	–	–	0.4
Eskdalemuir	cchc	cdorrm	ormbx	bxcx	45	23	19	1	9.00	0.5	<21.00	0.3
Tynemouth	oc	orrm	oirobc	bc	47	35	30	2	15.30	1	<21.00	·
Blacksod Point ...	o	o	bcbc	corr	53	48	·	–	–	2	*	·
Donaghadee	bc	c	boir	orrr	47	41	·	–	–	2	<21.00	·
Birr Castle	cm	cm	c	cir	47	40	30	–	–	–	–	0.0
Holyhead	bcbpr	c	ir	cir	50	46	46	0.5	9.00	2	<21.00	1.2
Liverpool (Bidston) ...	cprv	vco	obdr	orrc	46	42	41	0.5	<8.00	4	<21.00	0.7
Chester (Sealand) ...	cprm	ccrm	cormo	ormm	47	44	40	0.1	<8.00	3	24.00	0.9
Harrogate	c	co	ocrr	cbc	46	36	30	–	–	1	<21.00	0.2
Spurn Head	c	opf	orr	c	45	40	·	–	–	3	<21.00	2.5
Birmingham(Edgbaston)	c	cir	cr	co	45	42	40	0.1	13.30	Trace	<21.00	0.0
Cranwell	o	crcm	rr	rcbm	44	37	31	0.2	<8.00	3	<21.00	0.0
Gorleston	cprbc	cbcbz	bcemdb	orro	48	38	35	0.3	11.00	1	22.00	3.7
Valentia(Cahirciveen)	o	o	cop	cop	48	42	35	–	–	0.6	<21.00	0.0
Roches Point	bcc	c	cbc	bdc	45	41	·	–	–	–	–	·
Pembroke(St.Ann's H.)	bc	cqp	cq	cp	49	45	·	Trace	16.30	Trace	5.30	4.8
Ross-on-Wye	ccbc	c	c	cw	49	45	40	–	–	–	–	0.9
Leafield	c	c	c	brc	44	40	37	–	–	1	22.00	0.0
Winchester (Worthy Dn.)	orrmor	orc	c	cprc	45	40	36	0.4	<8.00	0.1	4.30	0.0
S Farnborough ...	odoc	oddc	dc	c	45	39	36	0.4	<8.00	Trace	<21.00	0.0
London (Kew Obsy.) ...	cwm	crmom	cm	crcm	46	42	39	Trace	15.30	0.2	2.30	0.0
Croydon	odmcm	cmd	cmd	odcm	45	42	38	Trace	<8.00	0.1	~~4.30~~ <21.00	0.0
Shoeburyness	omcbb	bcp	bcm	omr	48	39	32	Trace	17.30	1	2.30	5.1
Clacton-on-Sea ...	ocbc	bcm	bcm	bcmcop	47	38	34	–	–	0.5	4.30	6.4
Felixstowe	bmbc	bcprb	bpc	crr	47	40	37	Trace	14.30	0.5	3.30	6.2
Lympne	cfprbc	bcbm	ofdfc	cmr	45	36	32	0.1	<8.00	0.3	<21.00	3.9
Scilly (St. Mary's) ...	bcc	c	cp	cbcp	48	44	·	–	·	0.2	24.00	0.9
Falmouth (Pendennis)	cbc	bc	cd	cd	50	44	·	–	–	Trace	<21.00	6.0
Plymouth(Cattewater)	cbqm	bccprv	bccr	crbx	50	42	36	Trace	13.30	Trace	<21.00	5.1
Portland Bill	circ	cz	c	c	49	46	·	Trace	<8.00	–	–	·
Southampton(Calshot)	orrmom	crmbc	c	c	47	41	38	0.3	<8.00	–	–	0.0
Dungeness	cbc	bc	bcommo	morr	44	36	·	–	–	0.1	4.30	·
Guernsey	crr	crrorc	cir	cirv	48	44	·	2	<8.00	0.3	<21.00	0.0



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship.	Wind. Direc.	Wind. Force	Weather.	Temp. Air.	Temp. Sea.	Pressure
2	14th 10h	Hibernia	WNW	4	c	46	53	7
3	15th 2h	Arundel	NW	4	c/r	49	55	7

GENERAL INFERENCE.

Anticyclones are centred over Spain and Scandinavia. A depression off Northwest Iceland is filling up, but a secondary trough off our western coasts is moving eastwards and is likely to deepen, perhaps forming a new centre. Rain will spread eastward over the British Isles, but today will be fair in the Southeast.

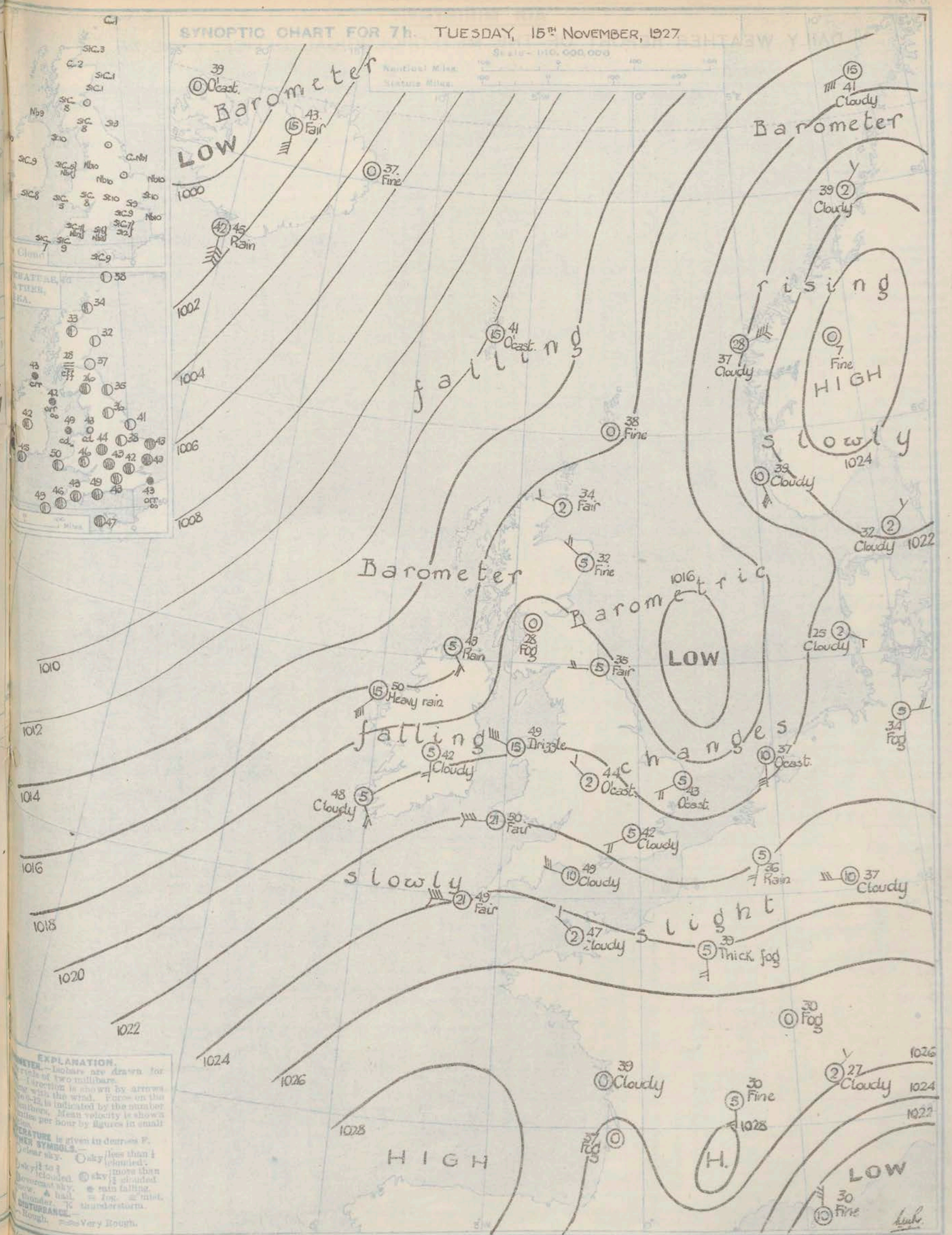
Tuesday, 15th November, 1927.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind backing S.W., freshening; fair at first, rain later; mild.	Unsettled.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind S.W., moderate to strong; cloudy, some rain; perhaps fairer intervals tomorrow; mild.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind S. to S.W., moderate or fresh; cloudy, some rain; mist locally; milder.	
13. (A. W. Scotland (B. NW. Scotland	Wind S. to S.W., strong at times; cloudy, some rain; mild.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind southerly, freshening considerably; cloudy, some rain and mist; temperature rising somewhat.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S. to S.W., veering W. to N.W. later, fresh or strong at times locally; rainy, showers and fair intervals tomorrow; mild, then somewhat colder.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1.

† Trace means that rain has fallen, but amount less than 0·1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Tuesday 15th November 1927. No. 319

Stations.	Height above M.S.L. in feet.	Obs. at 1h. G.M.T. 15th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Obs. at 7h. G.M.T. 15th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-8
Lerwick	54	1013.2	+2	-	0	b	39	97	8	-	-	0	-	0	1015.0	+3	-	0	b	38	97	8	4000	Cu	1	-	1	.
Stornoway	30	1017.4	0	NW	3	PRS	.	.	7	.	.	.	.	.	1015.6	-1	-	0	bc	35	97	6	2500	StCu	7	-	7	0
Wick	81	1016.3	0	W	2	bc	37	92	8	1500	CuNb	2	CiSt	6	1016.5	0	WNW	1	bc	34	97	8	4000	StCu	3	Ci	4	0
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.1	-1	SE			42	92	9	4000	Cu	2	ASt	10	1
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.7	.	-	0	bc	33	85	8	4000	Cu	2	ACu	4	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.	1017.8	0	NW	2	b	32	92	8	5700	StCu	1	-	1	0
Malin Head	51	1019.4	-2	NNE	2	c	47	92	8	5700	StCu	9	-	9	1015.9	-4	SSE	2	cir	43	97	7	4000	Nb	9	ACu	9	-
Renfrew	36	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.4	-1	-	0	ffc	28	97	8	4000	StCu	8	-	8	.
Edinburgh (Inchkeith)	190	1017.3	.	WNW	3	b	40	85	7	-	-	0	-	0	1017.3	.	WSW	2	b	37	92	6	-	-	0	-	0	0
Leuchars	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.3	0	WSW	2	b	31	92	8	4000	StCu	1	-	1	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.5	0	-	0	c+	36	97	8	5700	StCu	8	-	8	.
Tynemouth	87	1018.5	+1	W	2	bc	41	92	7	1500	CuNb	4	-	4	1018.9	0	W	2	bc	35	95	7	1500	St	3	-	3	.
Blacksod Point ...	18	1019.8	-2	SW	4	bc	52	85	7	.	CuNb	7	-	7	1016.2	-3	SW	4	oRR	50	85	6	.	Nb	10	-	10	4
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.4	-2	-	0	ofo	42	97	7	1500	StCu	10	-	10	0
Birr Castle	173	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.4	.	S	2	c	42	92	7	2500	StCu	9	-	9	.
Holyhead	26	1019.8	-1	WNW	6	o	50	92	7	1500	St	10	-	10	1019.4	0	WNW	4	cd	49	85	8	1500	StCu	9	-	9	4
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.9	0	W	1	d	43	97	7	2500	Nb	10	-	10	.
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.7	0	W	1	cf	44	85	6	2500	Nb	9	-	9	.
Harrogate	478	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.6	0	WSW	1	bc	36	85	8	-	-	0	ACu	5	.
Spurn Head	29	1017.6	-2	WSW	3	orr	43	97	5	2500	St	10	-	10	1018.1	+1	NW	4	b	41	92	6	5700	CuNb	1	-	1	.
Birmingham (Edgbaston)	535	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.7	0	WNW	1	o	44	92	5	2500	Nb	10	-	10	.
Cranwell	238	1020.3	-3	WSW	4	ofo	42	97	6	1500	Nb	10	-	10	1020.1	+1	NWW	2	bc	38	97	5	-	-	0	ACu	10	0
Gorleston	14	1020.1	-1	WSW	2	odd	39	97	6	2500	Nb	10	-	10	1018.6	-2	WSW	2	o	43	97	6	1500	Nb	10	-	10	0
Valentia (Cahirciveen) ‖	30	1023.4	-4	WNW	1	vbc	48	92	9	.	CuNb	4	-	4	1020.5	-2	SSE	2	c	48	92	8	1500	St	10	-	10	3
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1022.0	-3	WSW	2	c	45	97	8	2500	StCu	8	-	8	-
Pembroke (St. Ann's H.)	150	1022.9	-1	W	4	c	49	85	8	4000	StCu	6	ACu	8	1021.4	-3	W	5	cd	50	97	8	2500	StCu	8	ACu	7	8
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.7	0	W	2	c	46	85	8	4000	StCu	8	-	8	0
Leafield	812	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.7	0	WSW	4	c	43	92	8	1500	St	10	-	10	.
Winchester (Worthy Dn.)	272	.	.	.	.	.	.	.	.	.	.	.	.	.	1022.2	-1	WSW	2	c	43	92	8	1500	St	9	-	9	.
S. Farnborough ..	230	.	.	.	.	.	.	.	.	.	.	.	.	.	1021.0	-1	W	2	c	43	92	7	2500	StCu	9	-	9	.
London (Kew Obsy.) ...	18	.	.	.	.	.	43	.	.	.	.	.	.	.	1021.0	-1	WSW	2	c	42	97	5	2500	St	9	ASt	10	.
Croydon	244	1021.7	-1	WSW	3	o	42	85	7	1500	St	10	-	10	1020.9	-1	WSW	3	c	43	85	6	800	St	9	ASt	10	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.5	-1	WNW	3	of	43	97	4	1500	St	10	-	10	.
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1019.8	0	WSW	4	o	43	97	6	2500	St	10	-	10	2
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	1020.0	-2	W	3	of	43	97	4	800	St	9	ASt	10	-
Lympne	350	1021.8	0	W	2	cf	40	97	5	2500	StCu	10	-	10	1021.1	-1	W	3	cfo	40	97	5	2500	St	7	ASt	10	.
Scilly (St. Mary's) ...	163	1026.1	0	NW	2	cfb	47	85	8	4000	Nb	10	-	10	1023.7	-2	W	5	vbc	49	85	9	4000	StCu	7	-	7	4
Falmouth (Pendennis)	200	1025.4	-1	WNW	2	cd	44	75	7	4000	StCu	8	-	8	1024.5	-1	WNW	3	c	46	85	8	4000	StCu	9	-	9	0
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1023.7	0	E	1	c	43	92	8	2500	StCu	9	-	9	0
Portland Bill	32	1023.1	0	NWW	4	c	48	85	8	4000	StCu	9	-	9	1022.1	-1	WNW	3	c	45	85	8	2500	St	9	-	9	1
Southampton (Calshot)	10	1024.0	-1	WNW	2	c	42	85	7	1500	StCu	9	-	9	1022.6	-2	W	2	c	43	85	8	1500	StCu	9	-	9	0
Dungeness	20	1021.9	-1	W	2	mmo	48	97	4	2500	St	10	-	10	1021.8	0	W	1	ofo	43	97	6	1500	Nb	10	-	10	0
Guernsey (Fort George) ‖	295	1022.6	0	WNW	2	or	46	75	5	1500	Nb	10	-	10	1024.5	0	NW	1	cd	47	75	9	2500	StCu	9	-	9	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14th November

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 13th to 9h. 14th	Temperature. Max. 9h. 13th. to 9h. 14th	Rainfall.† Night 17h.-9h. 13-14th	Rainfall.† Day 9h.-17h. 14th	Sunshine. Sunrise to Sunset. 14th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	ofoc	34	46	1	2	0.5
Douglas (I. o. M.) ...	co	cop c	39	47	2	1	1.0
Llandudno ...	cf	cfc	39	47	3	4	0.4
Colwyn Bay ...	corc	cbcrc	41	47	2	2	0.3
Rhyl	bcp	bcc	35	50	2	0.2	2.4
Wallasey	foc	cbcc	36	48	2	0.3	0.6
Southport	corc	co	*43	47	0.6	0.2	0.8
Blackpool	c	opc	*40	48	2	0.3	1.1
Ilkley	c	c	29	50	-	-	0.8
Cleethorpes	ocf	dof	37	45	1	0.1	0.3
Skegness	cbc	bcc	37	47	0.1	-	5.6
Aberystwyth ...	cpo	poo	34	49	-	0.3	0.5
Bath	d	cbcb	33	50	2	-	1.8
Cheltenham ...	ormoc	cbc	37	47	3	-	0.2
Leamington Spa ...	cm	cm	37	47	1	-	0.0
Lowestoft	bccpbc	bccbc	32	46	1	0.5	3.4
Felixstowe	bc	bc	32	42	-	-	5.8
Harwich & Dovercourt	bc	bc	32	47	Trace	-	6.4
Southend	ocb	bco	33	44	-	-	5.1

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcc	cbc	44	50	-	-	3.1
Bude	c	c	31	52	-	-	2.5
Penzance	cb	bc	36	48	-	-	1.8
Paignton	bcm	bcbcm	33	?	-	-	4.8
Torquay	b	bcb	36	52	-	-	4.0
Jersey	tco	to	36	51	0.5	3	0.0
Weymouth	c	cb	32	50	0.1	-	1.3
Bournemouth ...	o	o	33	48	2	-	0.2
Ventnor ...	to	o	34	45	3	Trace	0.0
Portsmouth (S'thsea)	om	cm	33	47	1	-	0.0
Bognor	cbc	dobc	33	47	1	Trace	1.4
Littlehampton ...	cbc	bcc	31	47	1	-	2.5
Worthing	c	bcc	31	48	2	-	2.5
Brighton	cbc	bcc	35	47	1	-	2.8
Eastbourne	bc	bcc	33	47	0.6	-	3.9
Hastings‖	bcbbc	bccm	32	46	1	-	3.5
Folkestone	cmcpb	bcm	33	47	0.2	Trace	4.6
Dover	mcbc	bcbz	33	46	0.2	-	5.1
Tunbridge Wells ...	omc	co	29	45	2	-	1.2
Ramsgate	bc	bcb	33	48	-	-	5.3
Margate	bc	bc	33	47	-	-	5.5
Deal	ocbcb	bc	32	46	-	-	5.5

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‖ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. ‡ See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24100 Wednesday. 16th November 1927. Page 1.

Observations at 13h. G.M.T. 15th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1016.0	0	-	0	c-	43	92	8	4000 / 7200	Cu	7	A.Cu	8	•
Stornoway	1013.2	-2	S	1	bc+	46	75	8	4000	CuNb	3	A.Cu	5	•
Wick	1015.8	0	S	2	bc	44	92	8	2500	St.Cu	4	Ci.St	6	•
Tiree	1012.4	-3	SSE	5	or+	43	92	6	800	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1016.9	-2	-	0	bc+	38	85	5	-	-	0	A.St	6	2
Malin Head	1013.1	-3	SW	4	cr	46	92	7	4000	Nb	6	A.St	9	•
Renfrew	1016.3	-3	-	0	orr	35	97	2	800	Nb	10	-	10	1
Edinburgh (Inchkeith)	1016.1	*	SW	1	c	40	85	6	450	St	4	A.St	10	•
Leuchars	1016.8	-2	SW	1	c	40	75	6	5700	St.Cu	1	A.St	9	1
Eskdalemuir	1017.2	-2	-	0	or₀f₀	36	85	7	1500	St	10	-	10	3
Tynemouth	1018.0	-1	-	0	ffbc	42	85	3	1500	St	5	Ci	5	•
Blacksod Point	1014.6	-2	-	0	oRR	47	85	6	-	Nb	10	-	10	•
Donaghadee	1016.8	-2	SW	2	cr₀	47	92	7	2500	Nb	9	-	9	•
Birr Castle	1016.2	•	S	3	c/r	48	85	6	2500	St.Cu	9	-	9	•
Holyhead	1018.1	-1	SW	4	c/p	50	85	8	4000	Nb	2	A.St	9	1
Liverpool (Bidston)	1018.5	-2	SW	1	c-	48	85	8	800	CuNb	7	A.St	9	•
Chester (Sealand)	1018.8	-1	WSW	2	cr₀	49	75	8	2500	St	8	A.St	10	2
[illegible]gate	1018.8	0	SW	1	c	45	85	5	2500	St	8	A.Cu	9	•
[illegible] Head	1019.4	0	WSW	2	c	44	85	6	5700	St.Cu	9	-	9	•
Birmingham (Edgbaston)	1020.5	+1	SW	2	c+	49	75	8	4000	Nb	6	A.Cu	8	2
Cranwell	1020.0	-4	SW'W	2	c	45	97	5	2500	St	10	-	10	2
Gorleston	1019.4	+1	W'S	2	bc	45	85	6	2500	Cu	3	A.Cu	6	•
Valentia (Cahirciveen)	1018.9	-3	SW'S	4	c/pr	54	85	8	1500	St.Cu	9	-	9	1
Roches Point	1020.0	-3	SW	2	c	52	92	8	2500	St.Cu	8	-	8	•
Pembroke (St. Ann's H.)	1020.0	-1	SW'W	5	c+	[illegible]	85	8	1500	Cu	7	A.St	9	•
Ross-on-Wye	1020.2	-1	SW'W	2	c+	51	65	8	4000	Cu	5	Ci.St	8	1
Leafield	1020.5	-1	SW	3	bc	49	65	7	4000	St.Cu	4	A.Cu	6	0
Winchester (Worthy Dn.)	1021.8	-1	SW'W	2	c	49	85	8	2500	St.Cu	5	A.Cu	8	1
S. Farnborough	1021.3	0	WSW	3	c	50	85	7	4000	St.Cu	9	-	9	1
London (Kew, Obsy.)	1021.3	0	WNW	2	c	51	65	6	4000	St.Cu	8	-	8	1
Croydon	1021.2	-1	W'N	3	c+	51	75	6	2500	St.Cu	9	-	9	1
Shoeburyness	1021.3	+1	NW	4	c	48	92	7	1500	St.Cu	9	A.St	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1020.8	+1	NW'W	2	c	47	85	6	4000	St.Cu	7	A.Cu	9*	1
Lympne	1021.5	0	WNW	3	c	49	85	5	4000	St.Cu	5	A.Cu	8	2
Scilly (St. Mary's)	1023.4	-1	W'S	4	c	52	85	8	4000	St.Cu	9	-	9	•
Falmouth (Pendennis)	1023.4	-1	WNW	4	bc/pr	54	75	8	4000	CuNb	3	Ci.St	6	•
Plymouth (Cattewater)	1023.0	-1	W	2	bc	51	75	8	4000	St.Cu	4	-	4	2
Portland Bill	1022.0	-1	W	3	c	52	75	8	2500	CuNb	1	A.Cu	8	•
Calshot (Southampton)	1022.4	-2	W'S	1	bc-	51	75	8	4000	St.Cu	7	-	7	0
Dungeness	1021.7	-1	W	2	c-	51	85	7	4000	St.Cu	5	Ci.Cu	8	•
Guernsey (Fort George)	1023.7	-1	-	0	c/r	50	85	8	1500	St.Cu	9	-	9	•

Observations at 18h. G.M.T. 15th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1014.4	-2	SE	3	c	45	75	8 7	-	-	0	A.St	10	•
Stornoway	1011.1	-1	SSE	1	o	43	75	7	1500	St	10	-	10	0
Wick	1014.0	-2	S	3	bc	42	75	8	2500	St.Cu	4	Ci.St	6	1
Tiree	1010.1	-1	W'S	4	c/p	47	75	8 6	2500	CuNb	9	-	9	4
Nairn	1012.5	•	-	0	crr	37	92	7	800	Nb	9	-	9	•
Aberdeen	1015.9	-1	SSW	1	cr₀	39	85	5	1500	Nb	4	A.St	10	0
Malin Head	1012.6	0	SW	3	b	44	97	8	5700	St.Cu	2	-	2	1
Renfrew	1013.7	-1	W	1	cr₀f₀	37	97	3	1500	Nb	9	-	9	•
Edinburgh (Inchkeith)	1014.3	*	SE	1	or₀f₀	41	92	7	800	Nb	10	-	10	0
Leuchars	1014.9	-1	-	0	or+	38	92	6	1500	Nb	10	-	10	•
Eskdalemuir	1014.8	-3	S	1	or₀f₀	38	97	6	800	St	10	-	10	•
Tynemouth	1016.2	-1	S	1	cr₀	44	92	6	1500	Nb	9	-	9	1
Blacksod Point	1012.1	-1	W	4	c/r	52	92	6	•	-	0	A.St	10	4
Donaghadee	1015.4	+1	SW	1	cr₀f₀	45	97	7	2500	Nb	9	-	9	1
Birr Castle	1015.5	•	S	2	c	49	92	7	2500	Cu	8	-	8	•
Holyhead	1016.6	-1	SW'S	4	or₀f₀	50	85	6	4000	Nb	10	-	10	1
Liverpool (Bidston)	1017.8	0	SSW	3	c-	46	85	8	-	-	0	A.St	9	•
Chester (Sealand)	1017.9	0	SSW	2	b-	46	85	7	-	-	0	Ci	2	•
[illegible]gate	1017.8	-1	SSW	2	b-	43	92	6	-	-	0	-	0	•
[illegible] Head	1018.5	0	S	3	bc-	44	92	5	2500	St	7	-	7	1
Birmingham (Edgbaston)	1020.6	0	SW	2	or	45	92	6	1500	Nb	10	-	10	•
Cranwell	1019.7	0	SSW	2	c/r	44	97	5	4000	St	9	-	9	•
Gorleston	1020.4	0	SW'W	1	c	43	92	6	4000	St.Cu	10	-	10	0
Valentia (Cahirciveen)	1018.1	0	SW'S	3	bc	51	85	8	1500	St	5	+	5	3
Roches Point	1019.3	-1	W	2	c	50	97	8	1500	St.Cu	8	-	8	4
Pembroke (St. Ann's H.)	1019.3	-1	SW'W	5	c	52	85	8	2500	St.Cu	6	A.Cu	8	4
Ross-on-Wye	1020.2	0	WSW	2	c	47	85	8	2500	St	9	A.St	10	•
Leafield	1020.8	0	SW'S	3	bc	44	85	8	4000	St.Cu	7	-	7	•
Winchester (Worthy Dn.)	1022.1	+1	SSW	1	cr₀	46	85	7	2500	St.Cu	10	-	10	•
S. Farnborough	1021.6	+1	WSW	1	c	43	92	7	4000	St	6	A.St	10	•
London (Kew, Obsy.)	1022.1	+1	WSW	1	c	46	85	5	-	-	0	A.Cu	8	•
Croydon	1022.0	+2	SSW	2	bc-	45	85	6	4000	St.Cu	4	Ci.St	7	•
Shoeburyness	1021.8	0	WSW	2	mc	46	92	4	2500	St.Cu	10	-	10	•
Clacton-on-Sea	1021.2	+1	W	2	(c)	45	97	6	5700	St.Cu	8	-	8	2
Felixstowe	1021.5	+1	SW'S	1	c	46	97	6	2500	St.Cu	10	-	10	0
Lympne	1022.3	+1	SW	3	c-	46	92	5	4000	St.Cu	9	-	9	•
Scilly (St. Mary's)	1022.9	0	WSW	4	bc	50	92	8	4000	St.Cu	5	-	5	4
Falmouth (Pendennis)	1023.1	0	W	3	bc	48	85	8	4000	CuNb	3	Ci.St	5	0
Plymouth (Cattewater)	1022.7	+1	W	2	b-	49	85	7	4000	Cu	1	Ci	1	0
Portland Bill	1021.4	+1	SW'W	4	c	52	65	8	2500	St.Cu	9	A.St	10	1
Calshot (Southampton)	1022.4	0	SW	2	c	47	85	7	4000	St.Cu	9	-	9	0
Dungeness	1022.6	+2	W	2	cd₀	49	92	7	4000	St.Cu	8	-	8	0
Guernsey (Fort George)	1023.9	+1	-	0	bc-	48	85	9	2500	CuNb	3	A.St	5	1

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew } 24 hours ended 7h.	18	c2	om	c/br bc	52	44	37	-	Tr.	0.0	•	•	5
Croydon } 24 hours ended 7h.	244	om r d	c2 p r	bc2 bc	51	44	39	Tr.	Tr.	0.5	•	•	6
Greenwich (Royal Obsy.)	149	•	•	•	52	43	34	-	Tr.	0.1	73	88	
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.1	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	52	44	?30	-	-	0.1	69	95	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	c	c	•	51	44	38	-	0.3	•	•	92	•
Kensington Palace	80	o	o	•	52	44	35	-	-	•	(At 18h) 85	92	•
Hampstead Observatory	450	•	•	•	50	40	30	-	0.3	0.1	•	91	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 16th

South Kensington Max.	Time.	Min.	Time.
1.6	8h15m	?	?

Kew Observatory Max.	Time.	Min.	Time.
0.4	18h15m	<0.3	3h16m

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15th 17 h. 15 m. to 16th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.0	1.26	11
δ Ursae Minoris	13.0	0.38	5

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

16th 17th November, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.17 / 7.19	11.38 / 11.38	15.58 / 15.56
Greenwich	7.20 / 7.22	11.45 / 11.45	16.9 / 16.7
Wick	8.4 / 8.6	11.57 / 11.57	15.50 / 15.48
Valentia	8.3 / 8.4	12.26 / 12.26	16.48 / 16.47

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⨁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

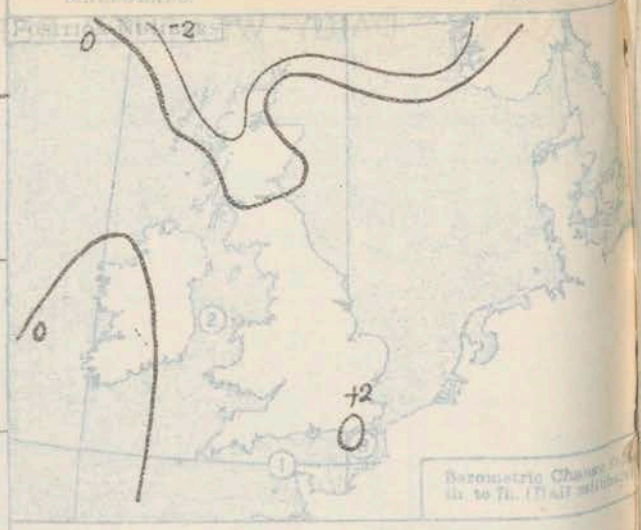
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

16th November

Summaries for the Past 24 Hours

Stations	Weather 7h.-13h. 15th	Weather 13h.-18h. 15th	Weather 18h.-7h. 15th to 16th	Temperature Max. Day 7h.-18h.	Temperature Min. Night 18h.-7h.	Temperature Min. on Grass	Rainfall† Day mm.	Rainfall† Day 7h.-18h. began.	Rainfall† Night mm.	Rainfall† Night 18h.-7h. began.	Sun 15th Hours.
Lerwick	bbcc	cp.rc	c/prbc	bccorr.	45	42	•	1	14·30	7	<21·00	1·9
Stornoway	c	c	c	p	47	42	•	Trace	*	0.6	*	3.1
Wick	bbc	bbc	ir.r.	crrc	44	40	•	–	–	1	<21·00	•
Tiree	rorr	rrcor	rcopr	corr	48	43	37	8	<8·00	8	21·00	0.0
Nairn	bc	bccr	rcpr	cd	37	36	•	1	17·30	2	<21·00	3.2
Aberdeen	bxbcm	bcmfir	corpm	omrrcir	39	38	35	0·3	17·30	4	<21·00	3.3
Malin Head	oRrr	cirbc	bbcorr	airbc	47	41	•	4	<8.00	4	<21·00	2·1
Renfrew	coxfir	orrff	orfm	omrrc	41	34	32	6	11.00	2	<21·00	0.0
Edinburgh (Inchkeith)	cm.m.	omr	irff	ombc	42	39	35	2	14·30	2	2·30	0.0
Leuchars	bbccm	cmr	ormcm	cormm	40	35	33	1	17·30	3	<21·00	1·0
Eskdalemuir	cxcor	orrm	odmbf	orrmm	38	34	33	5	12.30	3	<21·00	0.0
Tynemouth	bcff	ccf	offr.	bcolm	44	42	36	Trace	17·30	2	<21·00	•
Blacksod Point	r.R	Ro	fq.bc	bqc	52	51	•	17	*	4	*	•
Donaghadee	ocir.	cr.r.	cir.	cbtc	47	43	31	3	<8·00	1	<21·00	•
Birr Castle	cir.	ccr.c	c	cpr	49	41	4	2	11·00	0.4	?	0.0
Holyhead	bcpr	cir.	rrc	cbc	51	49	48	1	9·00	0.6	[illegible]	0.0
Liverpool (Bidston)	cp.r.	r.c	cid.	cbcbw	48	46	41	0·3	<8·00	0.1	<21·00	0.0
Chester (Sealand)	crcm.	c	bc.r.	bc	49	44	36	0·1	9·00	0·1	22·00	0.0
Harrogate	bccp.	cogdcb	bbcir.	cbcbir	46	42	39	Trace	14.00	0.1	22·00	0.1
Spurn Head	c	cbcz	c	c	46	43	•	–	–	0.3	24·00	3.5
Birmingham (Edgbaston)	cbc	cor.	orc	c	49	42	41	0·3	16·30	1	<21·00	0·0
Cranwell	cm.o	cpcm.	cir	cirbc	48	42	40	0·4	14·30	1	22·00	0·1
Gorleston	ccbc	bccm	cmbcb	bccor.	47	40	35	–	–	0.3	5·30	1·8
Valentia (Cahirciveen)	cp	cp.c	bcp.	orbc	54	49	42	1	<8·00	1	22·00	0.5
Roches Point	cp.c	cp.c	cp	cpc	53	49	•	1	<8·00	2	<21·00	
Pembroke (St. Ann's H.)	bccp.	c Pq	cPq	c	53	51	•	1	9·00	0.2	22·00	0.5
Ross-on-Wye	cbcbbc	c	cd.bc	bcbw	52	45	34	–	–	Trace	<21·00	2.2
Leafield	cbc	bc	bccp.	cp.	49	40	35	–	–	Trace	?	1.2
Winchester (Worthy Dn.)	crbrc	cr.	cxcpr.	cprm.	52	39	29	0·1	9·00	0.1	22·00	0.3
S. Farnborough	cd.c	c	c	cbbc	50	40	32	0·1	<8·00	Trace	5·30	0·1
London (Kew Obsy.)	cz.	cm.	cpr.	bc	52	44	37	–	–	Trace	22·00	0.0
Croydon	cm.rd.	cz.pr.	bc3.c	cbc	51	44	39	Trace	9·00	Trace	–	0·5
Shoeburyness	omo	oom	bccm	com	50	43	41	0·2	–	–	–	0.0
Clacton-on-Sea	ogc	cm	cbcm	bcmc	48	42	38	–	–	–	–	0.0
Felixstowe	cm.	cm.	cm.	cm.	48	43	39	Trace	–	–	–	0·3
Lympne	crm.	crm.	cm.	cr.c	49	42	40	0·2	<8·00	Trace	2·30	1·3
Scilly (St. Mary's)	bcep.	bc	bcc	c	54	50	•	Trace	9·00	–	–	2·1
Falmouth (Pendennis)	crbcp.	bcpr.	bc	bcc	54	47	•	Trace	9·00	–	–	3.3
Plymouth (Cattewater)	cb.cm.	bccr.p	bbc	bwcv	54	45	43	Trace	14·30	–	–	2.2
Portland Bill	c	c	cbcc	c	53	51	•	–	–	–	–	
Southampton (Calshot)	cd.cbc	c	cbc	bcw	52	43	30	Trace	<8·00	Trace	–	0.9
Dungeness	orrc	cd.c	cd.d	c	50	45	•	0·1	<8·00	Trace	<21·00	
Guernsey	crr.	cbc	bccprbc	crrrc	51	47	•	1	11·00	3	<21·00	1·0



Barometric Change in 24 hrs. to 7h. (Tendency in brackets)

Observations from Cross Channel Steamers.

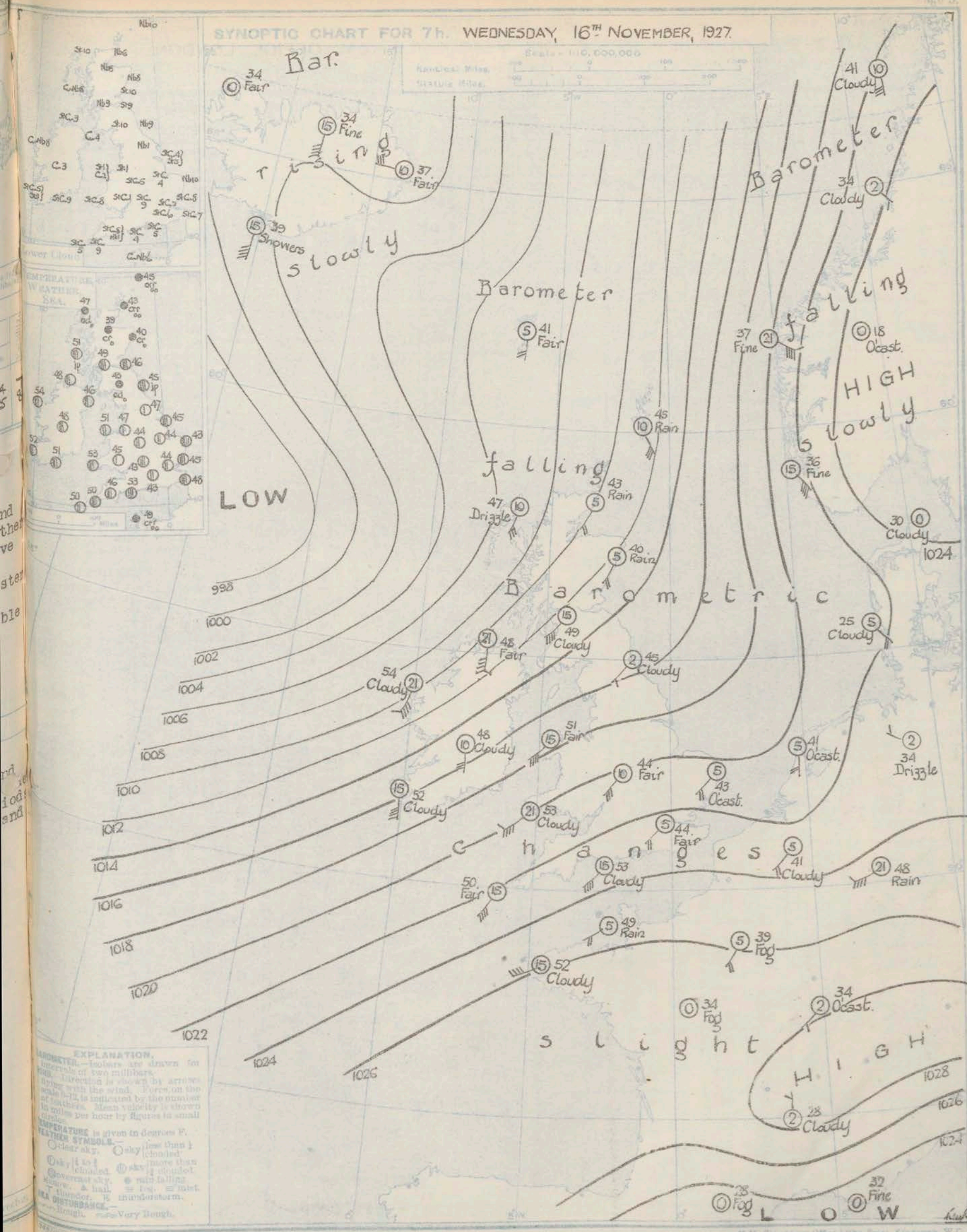
Position	Date and Time	Steamship	Wind Direc.	Wind Force	Weather	Temp. Air	Temp. Sea
1	15th 12h	St. Julien	NW	4	C–	53	54
3	16th 2h	Dieppe	W	4	PR	52	55

General Inference.

Pressure is high over a large area on the Continent and low round South Greenland. Further secondary depressions will move northeast off our northwest coasts. Wind will be southwesterly and weather mild and rather unsettled, but with considerable fair periods in the South and East.

Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 16th November, 1927.

Districts	Forecasts	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Wind S.W., light or moderate, fresh at times locally; fair to cloudy, occasional local drizzle; mild.	Unsettled and mild, but considerable fair periods in the South and East.
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Wind S.W, moderate or fresh; fair to cloudy, occasional rain or drizzle; mild.	
12. S.W. Scotland & Isle of Man 13 (A) W. Scotland (B) NW. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind S.W., strong at times; mainly cloudy, rain at times; mild.	



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Wednesday, 16th November 1927. No. 320.

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 16th: Barom. at M.S.L. mb.	Change in 3 Hours†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 16th: Barom. at M.S.L. mb.	Change in 3 Hours†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-6	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	1012.5	-1	S	3	bc/r	43	97	8	4000	Cu	2	ACu	3	1010.7	-3	SSE	3	[illegible]	45	97	7	4000	Nb	10	-	10	•
Stornoway	30	1009.2	-2	WSW	2	c	•	•	6	•	•	•	•	•	1006.8	-2	SSW	3	[illegible]	47	97	6	1500	St	10	-	10	2
Wick	81	1010.7	-2	S	3	[illegible]	42	92	8	1500	Nb	6	ASt	10	1010.8	0	SSW	2	[illegible]	43	92	8	1500	Nb	6	ASt	9	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	[illegible]	0	SSW	3	[illegible]	51	92	6	1500	CuNb	8	-	8	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.6	•	-	0	[illegible]	39	92	7	1500	Nb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.0	0	SSW	2	[illegible]	40	92	6	1500	Nb	8	ASt	10	0
Malin Head	51	1011.3	-2	SW	4	c/r	50	97	7	4000	Nb	6	ASt	10	1011.3	0	S	5	bc	48	97	8	5700	StCu	3	ACu	7	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.1	0	SW	4	c/r	49	97	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	190	1014.2	•	S	1	[illegible]	39	97	4	450	St	10	-	10	1012.6	•	WSW	1	c	46	92	8	1500	St	10	-	10	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	0	-	0	[illegible]	39	97	6	220	St	10	-	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.1	+1	SW	3	[illegible]	43	97	6	220	St	10	-	10	•
Tynemouth	67	1015.4	0	SW	1	bc/r	44	92	6	2500	CuNb	3	-	3	1015.6	0	SW	1	[illegible]	45	92	4	1500	Nb	9	-	9	1
Blacksod Point	18	1012.2	0	SSW	5	bc	53	85	7	•	CuNb	5	-	5	1009.1	-1	SSW	5	c	54	85	7	•	CuNb	8	-	8	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.3	0	WSW	3	bc	46	92	8	2500	Cu	4	ACu	6	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.9	•	S	3	c	48	97	7	1500	Cu	3	ACu	8	•
Holyhead	26	1017.2	+1	SW	4	c	52	85	7	4000	St	4	ASt	10	1017.3	0	SW	4	[illegible]	51	97	7	1500	Cu	3	-	3	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.4	0	WSW	3	[illegible]	47	85	7	4000	St	1	ACu	2	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.3	+1	SWS	2	[illegible]	47	85	7	2500	StCu	1	ACu	2	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.9	+1	SW	2	[illegible]	47	85	7	2500	Nb	1	ACu	2	•
Spurn Head	29	1017.7	-1	SW	4	or	45	92	6	1500	St	10	-	10	1018.1	0	WS	3	[illegible]	45	97	6	4000	St	9	-	9	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.0	0	SW	3	[illegible]	44	97	7	4000	CuNb	5	-	5	•
Cranwell	238	1020.0	0	SW	3	[illegible]	45	97	6	1500	St	9	-	9	1020.0	+1	WSW	3	[illegible]	44	97	6	1500	StCu	4	ASt	7	•
Gorleston	14	1020.4	0	SW	2	[illegible]	41	92	6	-	-	0	ACu	2	1020.1	0	SW	2	[illegible]	43	97	6	1500	Nb	10	-	10	0
Valentia (Cahirciveen) P	30	1016.8	-1	S	3	bc	53	97	7	-	StCu	7	-	7	1015.7	-1	S	4	c	52	97	7	1500	Cu	8	-	8	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.3	-1	W	2	c	51	97	8	1500	Cu	9	-	9	4
Pembroke (St. Ann's H.)	150	1019.6	0	WS	5	c	53	92	8	2500	StCu	8	-	8	1019.2	0	WSW	5	c	53	92	8	2500	Cu	8	-	8	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	0	W	1	[illegible]	45	92	6	5700	Cu	1	Cu	2	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.3	0	SW	3	c	43	97	7	4000	StCu	9	-	9	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	0	-	0	c	42	97	6	1500	St	9	-	9	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.2	0	WS	1	bc	43	97	7	4000	StCu	6	-	6	•
London (Kew Obsy.)	18	•	•	•	•	•	46	•	•	•	•	•	•	•	1022.2	+1	SW	2	bc	44	97	5	4000	StCu	2	ASt	3	•
Croydon	244	1021.9	0	WSW	3	c	47	85	7	-	-	0	ASt	10	1022.2	+1	SW	2	bc	45	85	7	5700	StCu	4	-	4	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.9	0	WSW	3	c	46	92	6	4000	StCu	8	ACu	9	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.3	0	WSW	4	c	45	97	6	5700	StCu	8	-	8	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.4	0	W	1	c	45	97	5	2500	StCu	7	ASt	9	0
Lympne	350	1021.9	0	SW	3	c	43	92	6	4000	StCu	9	-	9	1022.2	+1	WSW	4	c	45	92	7	5700	StCu	9	-	9	•
Scilly (St. Mary's)	163	1022.5	0	SWS	4	cv	51	92	9	4000	StCu	8	-	8	1022.0	0	SWS	4	bc	50	97	8	4000	StCu	5	-	5	4
Falmouth (Pendennis)	200	1023.3	-1	WSW	2	bc	50	95	8	4000	StCu	6	-	6	1022.9	0	SW	3	c	50	92	8	4000	StCu	9	-	9	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.0	0	NE	1	cv	46	97	9	2500	StCu	9	-	9	0
Portland Bill	32	1022.3	0	WSW	3	c	53	95	8	2500	StCu	10	-	10	1021.9	0	SW	4	c	53	95	8	2500	StCu	4	ACu	8	0
Southampton (Calshot)	10	1022.9	0	WSW	3	bc	47	97	7	4000	StCu	7	-	7	1023.3	+1	WSW	2	bc	46	97	7	2500	StCu	5	ACu	7	0
Dungeness	20	1022.4	-1	WSW	2	cd	48	97	7	1500	Nb	6	ACu	8	1022.9	+2	W	2	c	48	97	7	2500	StCu	7	CuSt	9	3
Guernsey (Fort George) P	295	1022.2	-1	WSW	1	bc	47	92	8	4000	StCu	4	ASt	6	1024.7	0	WSW	2	[illegible]	49	85	9	2500	CuNb	6	ACu	9	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Tuesday, 15th November

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 14th to 9h. 15th	Temperature. Max. 9h. 14th to 9h. 15th	Rainfall.† Night 17h. 14th-9h. 15th	Rainfall.† Day 9h.-17h. 15th	Sunshine. Sunrise to Sunset 15th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	[illegible]	32	41	1	0.2	4.1
Douglas (I. o. M.)	[illegible]	oRR	42	48	8	4	0.3
Llandudno	rc	c	44	49	10	4	0.0
Colwyn Bay	[illegible]	[illegible]	44	50	10	-	0.0
Rhyl	co	oc	43	50	7	-	0.0
Wallasey	oc	co	43	49	7	-	0.0
Southport	[illegible]	[illegible]	*43	48	5	2	0.0
Blackpool	or	[illegible]	44	48	3	2	0.1
Ilkley	o	[illegible]	33	46	-	1	0.0
Cleethorpes	bom	om	36	45	3	-	2.0
Skegness	[illegible]	[illegible]	37	45	2	-	1.2
Aberystwyth	[illegible]	[illegible]	46	51	3	1	1.4
Bath	[illegible]	[illegible]	43	52	Trace	Trace	1.5
Cheltenham‖	[illegible]	[illegible]	42	53	0.3	-	3.0
Leamington Spa	o	o	42	51	0.1	-	0.0
Lowestoft	c	cbcc	37	45	1	-	1.3
Felixstowe	c	c	38	48	1	-	0.3
Harwich & Dovercourt	cbc	cm	39	48	0.4	-	0.6
Southend	oce	ocm	41	49	0.6	-	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	co	orr	47	52	1	2	0.3
Bude	ocp	cpc	45	52	0.5	0.2	0.5
Penzance	c	cprb	41	53	2	1	2.0
Paignton	[illegible]	bm	41	?	Trace	Trace	1.9
Torquay	bc	[illegible]	43	54	0.2	0.2	2.3
Jersey	c	rc	43	50	1	2	0.0
Weymouth	cb	bc	42	54	0.1	-	1.5
Bournemouth	mbc	com	41	53	-	-	2.3
Ventnor	oud	co	42	52	Trace	-	1.2
Portsmouth (S'thsea)	odo	bbc	41	52	-	0.3	1.2
Bognor	or	[illegible]	40	51	-	0.3	0.4
Littlehampton	ccpc	cbc	39	50	-	0.2	0.2
Worthing	c	c	39	50	-	-	0.1
Brighton	dcpo	o	40	50	-	Trace	0.5
Eastbourne‖	[illegible]	[illegible]	41	51	-	Trace	0.5
Hastings‖	[illegible]	cbccm	40	50	0.2	0.3	1.7
Folkestone	[illegible]	[illegible]	39	50	0.3	Trace	0.1
Dover	[illegible]	[illegible]	38	50	Trace	Trace	0.2
Tunbridge Wells	[illegible]	[illegible]	38	51	Trace	Trace	1.0
Ramsgate	om	om	39	48	-	-	0.0
Margate	cbc	[illegible]	41	47	0.3	-	0.1
Deal	o	o	35	49	-	-	0.0

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* Information not usually received. P The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 2410 Thursday, 17th November 1927.

Observations at 13h. G.M.T. 16h.

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1011.2	0	SSE*	3	c	47	85	8	5700	St.Cu	6	A.St	9	•
Stornoway	1008.0	+2	W	1	o/r	47	92	6	1500	St	10	-	10	•
Wick	1010.0	-1	SSW	3	c	47	85	8	1500	St.Cu	6	A.St	8	•
Tiree	1010.6	+1	W	3	od.d	49	92	6	800	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1013.8	0	SSW	2	c	46	92	6	1500	Nb	3	A.St	8	2
Malin Head	1010.7	0	S'W	5	cd.	51	97	7	800	St	8	A.St	10	•
Renfrew	1013.7	-1	SSW	4	cr.	51	85	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1014.8	*	SSW	2	bc	49	85	8	-	-	0	A.Cu	7	•
Leuchars	1014.2	0	SW	1	c	51	75	6	2500	St.Cu	1	Ci	9	2
Eskdalemuir	1016.1	0	SSW	4	o	48	92	6	1500	St	10	-	10	2
Tynemouth	1017.4	+1	SW	2	bc/f	53	75	6	800	St	5	Ci	6	•
Blacksod Point	1011.8	+2	-	0	c	?	92	9	-	-	0	A.St	10	•
Donaghadee	1015.9	-1	WSW	2	bc-	54	92	8	5700	St.Cu	4	A.Cu	5	•
Birr Castle	1014.7	•	S	4	bc-	54	75	7	1500	Cu	3	Ci.Cu	5	•
Holyhead	1018.1	0	SSW	4	bc-	55	85	7	2500	St.Cu	5	-	5	1
Liverpool (Bidston)	1019.0	0	SW	3	bc/pr	52	85	8	4000	St	7	Ci	7	•
Chester (Sealand)	1019.1	0	WSW	3	cjp	55	75	8	4000	St.Cu	8	A.Cu	9	1
Harrogate	1018.7	+1	SW	3	bc	52	75	5	2500	St	2	Ci	3	•
Spurn Head	1019.6	0	WSW	3	b	51	85	5	-	-	0	-	0	•
Birmingham (Edgbaston)	1021.0	0	SW	2	c	50	85	6	4000	St.Cu	8	-	8	2
Cranwell	1020.7	0	WSW	2	bc	54	85	6	4000	St.Cu	5	A.Cu	7	1
Gorleston	1020.6	+1	W	2	c-	51	85	6	2500	St.Cu	3	A.Cu	8	•
Valentia (Cahirciveen)	1014.8	-2	S	5	c	54	85	8	1500	St	9	-	9	1
Roches Point	1018.0	-1	SW	2	bc c	54	92	8	2500	St.Cu	8	-	8	•
Pembroke (St. Ann's H.)	1019.9	-1	WSW	5	~~bc~~	54	85	8	2500	Cu	2	A.Cu	6	•
Ross-on-Wye	1020.9	+1	SW	3	c	52	75	6	4000	St.Cu	9	-	9	1
Leafield	1021.5	0	SW	3	bc	52	85	7	4000	Cu	1	A.Cu	6	0
Winchester (Worthy Dn.)	1022.6	-2	SW	2	bc	55	65	8	2500	St.Cu	7	-	7	1
S. Farnborough	1022.6	0	W'S	2	c	53	75	7	7200	St.Cu	9	-	9	0
London (Kew Obsy.)	1022.9	0	WSW	3	c	51	85	5	-	-	0	A.Cu	9	1
Croydon	1023.1	0	SW	2	c-	53	75	6	5700	St.Cu	9	-	9	1
Shoeburyness	1022.6	0	W	2	c	52	85	5	4000	St	8	-	8	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1021.6	-2	WNW	2	b	54	75	8	-	-	0	A.St	1	1
Lympne	1023.4	0	WSW	3	c+	51	85	7	2500	St.Cu	8	-	8	2
Scilly (St. Mary's)	1021.4	-1	S'W	5	b	55	85	7	4000	Cu	1	A.Cu	2	•
Falmouth (Pendennis)	1022.5	-1	S'W	4	bc	55	75	8	4000	Cu	3	-	3	•
Plymouth (Cattewater)	1022.4	-1	SW	3	b-	55	75	8	4000	Cu	1	-	1	1
Portland Bill	1022.9	-1	SW	4	c	54	75	8	2500	St.Cu	8	-	8	•
Southampton (Calshot)	1023.5	-3	WSW	3	bc-	52	85	7	4000	Cu	2	A.Cu	6	0
Dungeness	1023.5	0	WSW	3	c	53	85	8	1500	Cu	6	A.Cu	9	•
Guernsey (Fort George)	1024.7	-2	SW	2	bc-	52	85	9	2500	Cu.Nb	1	Ci.Cu	5	•

Observations at 18h. G.M.T. 16h.

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1009.9	0	SSE	4	o.r	48	97	7	4000	Nb	10	-	10	•
Stornoway	1011.9	+5	-	0	bc	39	92	7	4000	Cu	3	-	3	0
Wick	1012.1	+4	W	2	bc	44	92	8	2500	St.Cu	3	Ci.St	5	0
Tiree	1012.9	+2	-	0	bc	41	85	9	2500	Cu	1	Ci.Cu	3	1
Nairn	1012.4	•	-	0	cd.	46	92	7	1500	Nb	9	-	9	•
Aberdeen	1014.2	+1	S	2	cr.	48	92	5	1500	Nb	5	A.St	10	0
Malin Head	1012.6	+1	S'W	3	cr+	50	97	7	2500	Nb	8	A.St	10	2
Renfrew	1014.9	+2	SSW	4	cr.	50	92	6	1500	St	10	-	10	•
Edinburgh (Inchkeith)	1015.2	+1	SW	3	bc-	50	75	8	5700	St.Cu	3	A.Cu	4	1
Leuchars	1015.4	+3	SW	2	c	49	85	7	4000	St.Cu	7	A.St	10	•
Eskdalemuir	1017.4	+2	S'W	4	o	47	97	6	450	St	10	-	10	•
Tynemouth	1018.7	+2	SW	1	bc	47	92	5	800	St	4	-	4	0
Blacksod Point	1010.8	0	SW	4	c	53	85	6	•	St.Cu	10	-	10	5
Donaghadee	1016.3	+2	WSW	2	bc	49	92	8	5700	St.Cu	4	A.Cu	5	•
Birr Castle	1014.0	*	S	3	c+	51	85	7	1500	Nb	3	A.Cu	8	•
Holyhead	1018.1	0	SSW	4	cr.	52	92	6	2500	Nb	10	-	10	3
Liverpool (Bidston)	1020.1	+2	SSW	2	bc-	50	85	8	4000	St	6	-	6	•
Chester (Sealand)	1020.1	+2	-	0	b-	47	85	7	-	-	0	-	0	•
Harrogate	1020.1	+1	SSW	2	b	47	85	7	-	-	0	A.Cu	1	•
Spurn Head	1020.5	+2	SW	3	b	45	97	5	-	-	0	-	0	0
Birmingham (Edgbaston)	1021.9	+1	SSW	1	c/pr	48	92	6	2500 ~~4000~~	St.Cu	9	-	9	•
Cranwell	1021.9	+3	SW	3	b.	45	97	6	-	-	0	-	0	•
Gorleston	1021.3	+1	SW'W	2	b	47	92	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1013.7	0	S	4	bc	51	85	8	1500	St	2	Ci.Cu	3	3
Roches Point	1016.9	-1	SW	3	c	51	97	8	1500	St.Cu	8	-	8	4
Pembroke (St. Ann's H.)	1019.1	0	S	5	bc	53	92	8	2500	St.Cu	7	-	7	2
Ross-on-Wye	1021.5	+1	SSE	1	c-	48	85	6	4000	St.Cu	8	-	8	•
Leafield	1023.6	+1	SSW	2	c	46	85	7	5700	St.Cu	9	-	9	•
Winchester (Worthy Dn.)	1023.6	+1	SSE	1	b-	43	92	6	4000	St.Cu	1	-	1	•
S. Farnborough	1022.8	+1	SW	1	b	43	85	7	5700	St.Cu	1	-	1	•
London (Kew Obsy.)	1023.5	+2	SW'S	1	b-	43	97	4	-	-	0	A.Cu	1	•
Croydon	1023.6	+2	S'W	3	bc+	44	92	6	5700	St	4	-	4	•
Shoeburyness	1023.2	+1	W	1	b	48	92	5	-	-	0	-	0	•
Clacton-on-Sea	1023.2	+1	W	3	o	49	85	6	4000	St	10	-	10	1
Felixstowe	1022.8	+1	WSW	2	c	49	85	5	4000	St.Cu	9	-	9	0
Lympne	1023.9	+1	WSW	3	c-	47	92	6	4000	St.Cu	8	-	8	•
Scilly (St. Mary's)	1020.0	-1	S'W	4	bc	50	92	8	4000	St.Cu	~~4.5~~	-	~~4.5~~	2
Falmouth (Pendennis)	1021.1	0	SW	~~5~~ 4	bc-	51	85	8	4000	St.Cu	2	Ci.St	3	1
Plymouth (Cattewater)	1022.0	0	SSW	3	bc+	52	85	7	4000	Cu	3	Ci	3	0
Portland Bill	1022.6	0	SW	3	bc+	53	85	8	2500	St.Cu	6	-	6	1
Southampton (Calshot)	1023.7	+1	SW'W	2	bc-	48	92	7	5700	St.Cu	3	-	3	0
Dungeness	1024.3	+2	WSW	1	bc-	49	92	8	4000	St.Cu	7	-	7	2
Guernsey (Fort George)	1023.9	0	WSW	3	c	51	85	8	2500	St.Cu	10	-	10	3

London Observations.

London Observations.	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility.§
Kew } 24 hours ended 7h.	18	bccm.	obmw	bmfxw	53	33	27	Tr	Tr	1.3	•	•	0
Croydon } 24 hours ended 7h.	244	bcc3.	cbc33	bccmx	55	35	28	-	-	1.8			6
Greenwich (Royal Obsy.)	149	bc	cb	bcc bcc	53	37	26	-	-	1.2	78	98	4
City (Bunhill Row)	89	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	53	38	25	-	-	0.5	75	98	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	co	c	•	51	39	29	-	-	•	•	99	•
Kensington Palace	80	bc	bc	•	53	38	29	-	-	•	(At 18h) 85	91	•
Hampstead Observatory	450	•	•	•	51	34	25	-	0.3	0.6	•	95	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 17th

South Kensington Max.	Time	Min.	Time
1.6	16th 21h.	0.3	17th 4h.

Kew Observatory Max.	Time.	Min.	Time.
0.6	16th 23h	<0.3	16th 4h.

Pole Star Record at Greenwich Obsy.

Exposure from 16th 17h 15m. to 17th 6h 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13 0	8 43	67
δ Ursae Minoris	13 0	8 35	66

Code for State of Ground.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Flood ground (not less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 18h. and 18h. reports (Hoar frost in 18h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice or roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

17th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.19	11.38	15.56
	7.21	11.38	15.55
Greenwich	7.22	11.45	16.7
	7.24	11.45	16.6
Wick	8.6	11.57	15.48
	8.9	11.57	15.46
Valentia	8.4	12.26	16.47
	8.6	12.26	16.45

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.

With present weather is combined, whenever possible, the general character of the weather.

A "condus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; ~ = has decreased, + = has increased.

The Beaufort Scale of Wind

is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour
0	Less than 1
1	1- 3
3	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

Sea Disturbance.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ Telegraphic Code for Surface Visibility.

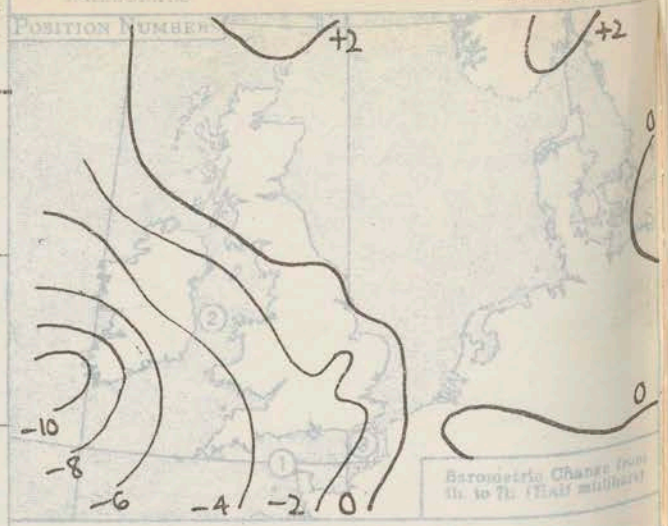
	Objects not visible at 55 yards.
0. Dense fog.	220 „
1. Thick fog.	550 „
2. Fog.	1,100 „
3. Moderate fog.	½ mile.
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 16th	13h.-18h. 16th	18h. 16th to 1h. 17th	1h.-7h. 17th	TEMPERATURE. MAX. Day. 7h.-13h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 16th Hours.
Lerwick	or.rc	cor.r.	b	b	48	38	.	3	<8.00	Trace	<21.00	0.8
Stornoway	r-d	bbc	b-bc	cprc	48	29	.	3	*	1	*	1.7
Wick	cr.rc	bbc	b-bc	r.rc	49	38	.	0.6	<8.00	0.6	5.30	.
Tiree	r.d.d	cobc	bcc	pr.bc	51	39	29	6	<8.00	0.3	2.30	0.8
Nairn	cbc	bccd	dcm	bcm	47	38	.	2	<8.00	0.2	<21.00	0.1
Aberdeen	cir.cm	cmir.	cr.cm	crcm	48	44	38	0.3	<8.00	2	<21.00	0.1
Malin Head	bccce	orr r.	oircebc	bc	51	44	.	4	12.30	0.4	<21.00	0.0
Renfrew	cm.r.	cm.r.	cm.d.	cm.r.	52	44	40	0.1	11.00	0.2	<21.00	0.2
Edinburgh (Inchkeith)	bbc	prbc	bc	wcbc	52	47	38	Trace	12.30	Trace	-	3.1
Leuchars	d.omcm	c	cbcc	c	51	40	34	0.1	<8.00	-	-	0.3
Eskdalemuir	odom	oom	om.bc	oirmom	49	43	42	0.1	<8.00	1	1.30	0.1
Tynemouth	cff	bcm.	bcm.	bcm.	54	42	36	-	-	-	-	.
Blacksod Point ...	P.	RR.	pbc	pbc.o	54	47	.	10	*	Trace	*	.
Donaghadee	bc	bc	bc	pr.bc	55	46	.	-	-	0.1	2.30	.
Birr Castle	cbo	bcpr	c	cd.	55	47	35	0.1	15.30	Trace	6.30	3.1
Holyhead	bcpr	bc	ir.r	bcm.	55	44	42	0.2	11.00	1	<21.00	2.3
Liverpool (Bidston) ...	bbcc	bcbc	bcc	coffe	53	38	37	Trace	11.00	-	-	4.3
Chester (Sealand) ...	prbc	pr.bc	bcbm.	bcwcm	58	37	33	Trace	<8.00	Trace	-	4.0
Harrogate	bbc	bcc ir b	bbc	bcFFc	53	35	30	0.1	14.30	-	-	4.0
Spurn Head	bczbz	b	b-bc	bcw	52	42		-	-	-	-	4.4
Birmingham (Edgbaston)	bc	cbccpr	cb	bcfce	51	39	31	Trace	17.30	0.1	-	0.7
Cranwell	bcbbc	bbc	bbcb	bc'c	54	40	37	-	-	-	-	6.0
Gorleston	oc	cbcb	bcmcw	cwbcw	54	38	34	-	-	Trace	-	2.1
Valentia (Cahirciveen)	coid.	ocbc	cbcc	cor.	55	50	44	0.3	9.00	3	3.30	0.1
Roches Point	bcc	c	cbc	bccrr	54	49	.	-	-	4	1.30	.
Pembroke (St. Ann's H.)	cbcb	bcq	bcq	bccq	55	49		Trace	9.00	-	-	2.9
Ross-on-Wye	ccbcc	c	bmw	bccpb	54	35	27	-	-	0.1	5.30	0.3
Leafield	cbc	bcc	cbw	bFX	52	37	27	-	-	-	-	1.6
Winchester (Worthy Dn.)	cm.c	cbcb	bmxbFc	bfmbcc	56	34	27	-	-	Trace	-	2.9
S Farnborough ...	bcpr.c	c.b	bm	bcfc	55	32	25	Trace	<8.00	-	-	1.6
London (Kew Obsy.) ...	bccm.	cbmw	bmfw	ofxw	53	33	27	Trace	-	Trace	-	1.3
Croydon	bccz.	cbczz	bccm.	cmmbcx	55	35	28	-	-	-	-	1.8
Shoeburyness	cm.	cmbcm	b	bc	54	39	33	-	-	-	-	3.3
Clacton-on-Sea ...	cbcz	bczcog	ogcbcm	bcmc	55	43	39	-	-	-	-	3.0
Felixstowe	cm.bc	bbcm.	cm.	cmwf	54	38	31	-	-	Trace	-	3.5
Lympne	cbcc	cm.	cw	cbccm.	53	39	30	-	-	Trace	-	3.2
Scilly (St. Mary's) ...	bcb	bbcc	bc	bccp.	55	50	.	-	-	Trace	4.30	7.2
Falmouth (Pendennis)	cbc	bc	bcq	bccq	55	51	.	-	-	Trace	5.30	7.3
Plymouth (Cattewater)	cvb	bbc	bccbw	bawgc	56	45	41	-	-	-	-	4.3
Portland Bill	c	cbc	or.r.	or.bc	55	50	.	-	-	3	<21.00	.
Southampton (Calshot)	cbc	bcjbcw	bcwrbcw	bcw	53	45	36	-	-	Trace	-	0.8
Dungeness	c	cbc	bccd.	cpd.bc	54	43	.	-	-	Trace	24.00	.
Guernsey	r.cbc	bccer	cirbcb	bccq	53	46	.	3	<8.00	Trace	<21.00	2.7



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Barometer.
2	16th 10h.	Hibernia	SW	6	c	53	54	7
3	17th 2h.	Arundel	SW'W	3	bc-	50	55	8

GENERAL INFERENCE.

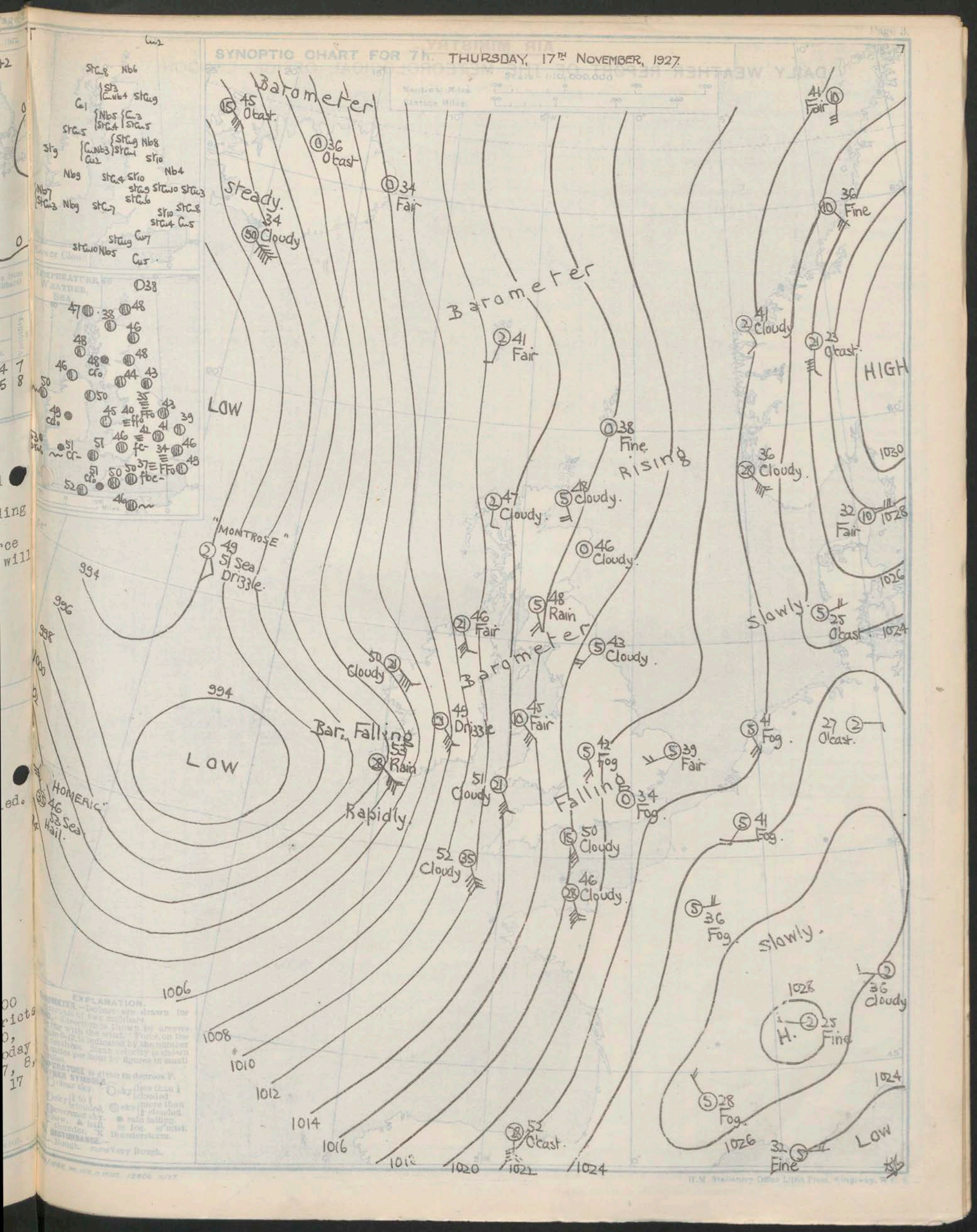
An anticyclone remains centred over Scandinavia and depression off West Ireland is growing deeper and spreading eastward. Wind will be southerly, reaching gale force locally in the West. Rain will spread eastwards over the country.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 17th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind S., freshening; fair at first, some rain later; moderate temperature.	
4. W. Midlands	Wind S., moderate to strong; cloudy, rain later; rather mild.	Unsettled.
5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼	Wind southerly, strong to a gale; cloudy, some rain; mild.	
8. N.W. England ▼ 9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 4.	
12. S.W. Scotland ▼ Isle of Man 13 A. W. Scotland ▼ B. NW. Scotland ▼	As 5 - 7.	▼ South Cone hoisted at 0200 today in Districts 5, 6 19 and 20, and at 0845 today in Districts 7, 8, 12, 13A, 13B, 17 and 18.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	As 4.	
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	As 5 - 7.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1.

† Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. THURSDAY, 17TH NOVEMBER, 1927.
Barometer steady.
Barometer Rising
Barometer Falling
Bar. Falling Rapidly
LOW
HIGH
Low
"MONTROSE"
"HOMERIC"
994
996
998
1000
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
H.
slowly.
Rapidly
Fallinq

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Thursday, 17th November 1927. No. 321.

Stations	Height above M.S.L. in feet	1h. Barom. at M.S.L. mb.	1h. Change in 3 Hours	1h. Wind Direc.	1h. Wind Force 0-12	1h. Weather	1h. Temp. °F.	1h. Humidity %	1h. Visibility 0-9	1h. Cloud Low Height Feet	1h. Cloud Low Form	1h. Cloud Low Amt. 0-10	1h. Cloud Upper Form	1h. Cloud Total Amt. 0-10	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours	7h. Wind Direc.	7h. Wind Force 0-12	7h. Weather	7h. Temp. °F.	7h. Humidity %	7h. Visibility 0-9	7h. Cloud Low Height Feet	7h. Cloud Low Form	7h. Cloud Low Amt. 0-10	7h. Cloud Upper Form	7h. Cloud Total Amt. 0-10	Sea 0-9
		Observations at 1h. G.M.T. 17th													Observations at 7h. G.M.T. 17th													
Lerwick	64	1015·1	+4	S	2	b	44	85	8	4000	Cu	2	-	2	1016·0	+2	-	0	b	38	97	8	4000	Cu	2	-	2	·
Stornoway	30	1014·3	+1	-	0	b-	·	·	8	·	·	·	·	·	1012·6	0	S	1	c	47	97	6	2500	StCu	8	-	8	0
Wick	81	1016·6	+2	WSW	1	bc	40	92	8	2500	StCu	3	CiSt	6	1015·6	0	SSE	2	clr	48	92	8	1500	Nb	6	CiSt	8	0
Tiree	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1012·8	0	S'E	5	bc	48	85	8	2500	Cu	1	CiCu	4	4
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·	1015·0	·	-	0	bc	38	85	6	1500	CuNb	7	-	7	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·	1016·7	+1	-	0	c	46	97	6	4000	StCu	9	-	9	0
Malin Head	51	1013·2	+1	SSE	4	bc-	50	85	8	5700	StCu	5	ACu	5	1010·9	-1	SSE	5	bc	46	85	8	5700	StCu	5	CiCu	7	2
Renfrew	36	·	·	·	·	·	·	·	·	·	·	·	·	·	1016·0	0	SSE	2	cr₀	48	92	6	1500	Nb	9	-	9	·
Edinburgh (Inchkeith)	190	1016·7	0	SW	2	bc-	48	85	8	4000	StCu	4	ACu	7	1015·9	0	S	1	c+	48	85	8	4000	StCu	8	-	8	0
Leuchars	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1016·8	0	-	0	c	42	97	7	2500	StCu	7	ASt	10	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·	1017·5	0	-	0	c	44	92	6	800	St	10	-	10	·
Tynemouth	67	1019·1	0	SW	2	bc	44	97	6	800	St	3	-	3	1019·3	0	SW	2	c+	43	97	6	1500	Nb	8	-	8	0
Blacksod Point	18	1009·5	-1	SW	3	bc	50	85	7	·	CuNb	5	-	5	1004·8	-4	SE	5	c+	50	85	7	·	St	9	-	9	6
Donaghadee	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1015·8	-2	W	3	bc-	50	92	8	2500	CuNb	5	-	5	2
Birr Castle	173	·	·	·	·	·	·	·	·	·	·	·	·	·	1006·0	·	SE	5	cd₀	49	85	6	1500	Nb	9	-	9	·
Holyhead	23	1017·8	0	SSE	4	bc	50	92	6	1500	St	2	Ci	3	1015·0	-3	SE'S	3	bc+	45	85	8	5700	StCu	5	ACu	7	3
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·	1017·5	-1	ESE	4	ffo	40	97	3	2500	St	10	-	10	·
Chester (Sealand)	16	·	·	·	·	·	·	·	·	·	·	·	·	·	1017·9	-2	SE'S	2	mo+	39	97	4	800	St	10	-	10	·
Harrogate	478	·	·	·	·	·	·	·	·	·	·	·	·	·	1019·9	-1	-	0	FFo	35	92	1	<150	St	10	-	10	·
Spurn Head	29	1020·4	0	W'S	2	bc	44	91	6	1500	St	7	-	7	1019·9	0	S	1	c+	43	97	6	5700	Nb	4	ACu	8	0
Birmingham (Edgbaston)	535	·	·	·	·	·	·	·	·	·	·	·	·	·	1019·3	-1	SSE	2	fc-	42	97	3	2500	StCu	9	-	9	·
Cranwell	236	1021·9	0	WSW	1	bc	45	97	6	4000	StCu	4	-	4	1021·1	-1	SE	1	c+	41	97	6	4000	StCu	10	-	10	·
Gorleston	14	1021·9	0	WSW	2	c	44	97	6	-	-	0	ASt	8	1021·2	-1	SW'W	2	bc	39	97	6	4000	StCu	3	ACu	5	0
Valentia (Cahirciveen) P	30	1011·0	-6	SW	4	ojp	61	92	8	*	St	10	-	10	999·0	-10	SE	6	orr₀	53	85	7	1500	Nb	10	-	10	3
Roches Point	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1006·9	-7	SE	5	cr-	51	97	7	800	Nb	9	-	9	6
Pembroke (St. Ann's H.)	150	1017·4	-1	S	5	bc	52	92	8	2500	Cu	5	ASt	7	1012·9	-5	SSE	5	cm	51	85	8	1500	StCu	7	ACu	9	4
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·	1017·8	-2	SE'S	3	c	46	85	6	4000	StCu	6	Ci	8	·
Leafield	612	·	·	·	·	·	·	·	·	·	·	·	·	·	1019·5	-1	SE'E	2	fbc-	41	97	2	<150	St	5	-	5	·
Winchester (Worthy Dn.)	272	·	·	·	·	·	·	·	·	·	·	·	·	·	1020·2	-2	E	1	c	41	97	7	1500	StCu	7	ASt	8	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·	1020·1	-2	S'W	1	fbc-	37	97	2	2500	StCu	4	ASt	5	·
London (Kew Obsy.)	18	·	·	·	·	·	37	·	·	·	·	·	·	·	1020·9	-1	-	0	FFO	34	97	1	<150	St	10	-	10	·
Croydon	244	1022·6	-2	S	2	c	45	97	6	4000	StCu	10	-	10	1020·8	-2	SSE	2	bc+	40	97	7	2500	StCu	3	Ci	6	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·	1021·5	-1	SE	2	c-	44	97	7	2500	StCu	6	ASt	8	·
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·	1021·6	-1	SSW	3	c	46	97	6	4000	StCu	8	-	8	2
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·	1020·9	-1	-	0	FFc	39	97	1	4000	StCu	8	-	8	0
Lympne	350	1023·0	0	WSW	1	c	44	97	8	5700	StCu	7	Ci	8	1021·4	-2	SSE	3	c+	44	92	5	<150	St	7	Ci	8	·
Scilly (St. Mary's)	163	1015·3	-7	SSE	6	bc	51	85	8	4000	StCu	4	-	4	1010·7	-5	SSE	7	c	52	85	7	4000	StCu	10	-	10	5
Falmouth (Pendennis)	200	1018·0	-2	S	6	bc	51	85	8	4000	StCu	3	CiCu	5	1012·8	-4	S	7	cr₀	51	85	8	2500	Nb	6	ASt	9	5
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·	1015·6	-4	SSE	5	c+	50	55	8	4000	StCu	9	-	9	3
Portland Bill	32	1020·5	-1	SSE	4	or₀	51	85	8	2500	Nb	10	-	10	1017·6	-2	SSE	4	c+	50	75	8	2500	Cu	7	CiCu	9	2
Southampton (Calshot)	10	1022·2	-2	SE	2	bc-	47	92	8	4000	StCu	3	-	3	1019·8	-3	SE'S	3	bc+	47	86	7	2500	St	6	-	6	0
Dungeness	20	1023·8	-1	WSW	2	bcd₀	49	92	8	1500	Nb	4	ASt	6	1021·8	-2	S	3	bc+	49	92	8	2500	Cu	5	CiCu	6	3
Guernsey (Fort George) P	295	1019·8	-2	SSE	2	bc-	48	85	8	4000	StCu	6	-	6	1018·3	-3	SSE	6	c	46	85	8	2500	Cu	5	CiSt	8	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wednesday, 16th November

Stations (1)	Weather: Forenoon (2)	Weather: Afternoon (3)	Temperature: Min. 9h. 15th to 9h. 16th °F (4)	Temperature: Max. 9h.-17h. 16th °F. (5)	Rainfall†: Night 17h.-9h. 15th-16th mm. (6)	Rainfall†: Day 9h.-17h. 16th mm. (7)	Sunshine: Sunrise to Sunset 16th hr. (8)
Berwick-on-Tweed	c	c	34	51	2	-	2·0
Douglas (I. o. M.)	cb	bc	44	53	1·0	0·3	3·4
Llandudno	cbcr	cbc	46	55	0·5	0·4	1·3
Colwyn Bay	cocb	bpcb	46	57	-	0·3	1·1
Rhyl	cbc	cbcc	47	55	-	-	3·0
Wallasey	bccp₀	cbc	45	58	0·5	Trace	4·0
Southport	cbcor	cbcc	*45	56	1	0·2	2·6
Blackpool	co	rc	46	52	2	1	1·8
Ilkley	cb	cbc	36	52	0·2	0·3	0·9
Cleethorpes	b	bm	39	54	0·6	-	5·2
Skegness	c₀cbc	bccbc	39	53	0·5	-	0·0
Aberystwyth	bcbc	bc	48	54	1	-	3·6
Bath	cbc	c	42	53	1	-	0·4
Cheltenham‖	occbc	cbc	46	53	Trace	-	0·7
Leamington Spa	cc	c	43	53	-	-	0·0
Lowestoft	c	cbcb	39	52	0·4	-	2·7
Felixstowe	bc	bcm	42	55	-	-	3·6
Harwich & Dovercourt	bcm	bcem	42	55	-	-	3·5
Southend	b	bcom	43	54	-	-	3·4
Ilfracombe	oc	cycb	48	56	0·3	-	3·7
Bude	cbc	bcb	47	57	1	-	5·4
Penzance	b	b	46	57	-	-	7·3
Paignton	ocbc	bm	43	?	-	-	3·4
Torquay	cbc	bm	45	57	-	-	3·5
Jersey	bc	c	45	54	1	-	0·9
Weymouth	cbc	b	48	58	0·1	-	5·7
Bournemouth	mob	bbc	45	57	0·3	-	4·2
Ventnor	o	[illegible]	46	53	Trace	Trace	0·1
Portsmouth (S'thsea)	c	cm	42	55	-	-	0·2
Bognor	cbc	bc	42	54	-	-	2·0
Littlehampton	cbc	bcc	43	54	-	-	1·8
Worthing	cbc	c	43	54	-	-	2·9
Brighton	bc	bc	44	54	-	-	5·8
Eastbourne‖	bbc	bc	47	56	-	-	6·0
Hastings‖	bmb	bbcc	44	57	0·2	-	6·3
Folkestone	cm	bbcm	43	55	Trace	-	3·1
Dover	cb	bbcc	44	54	-	-	2·9
Tunbridge Wells	bbco	ocbc	43	55	-	-	4·0
Ramsgate	b	bbc	44	56	-	-	4·7
Margate	bc	bc	44	56	-	-	4·8
Deal	ocb	bbcc	44	55	-	-	3·7

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24102. Friday, 18th November 1927.

Observations at 18h. G.M.T. 17th

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1017·0	-1	-	0	od₀	47	97	7	4000	Nb	10	-	10	•
Stornoway	1012·0	-2	SE	1	c	49	92	7	4000	StCu	8	-	8	•
Wick	1015·9	0	SW	2	c	49	97	8	1500	StCu	6	ASt	8	•
Tiree	1010·2	-1	SE'S	6	bc	50	75	8	2500	StCu	4	CiCu	6	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1016·7	-1	S	2	c	49	92	6	4000	StCu	9	-	9	2
Malin Head	1007·0	-7	SSE	6	c+	51	75	8	4000	StCu	6	ACu	8	•
Renfrew	1014·2	-3	ESE	3	c	49	85	7	4000	StCu	8	ACu	10	2
Edinburgh (Inchkeith)	1015·2	-1	E	2	c	49	92	8	800	St	10	Ci	8	•
Leuchars	1016·1	-2	ESE	1	c	48	85	7	7200	StCu	7	ASt	9	1
Eskdalemuir	1015·5	-2	SE	3	c	45	75	7	5700	StCu	8	-	8	2
Tynemouth	1017·8	-1	SW	1	ffo	44	92	3	1500	Nb	10	-	10	•
Blacksod Point	999·4	-4	SE	6	occ	51	92	8	*	Nb	10	-	10	•
Donaghadee	1012·6	-3	S	6	bc+	51	85	8	5700	StCu	5	ACu	7	•
Birr Castle	1003·7	•	ESE	3	crr	50	97	6	1500	Nb	9	-	9	•
Holyhead	1011·6	-4	SE'S	5	c	50	75	8	4000	StCu	9	-	9	1
Liverpool (Bidston)	1014·6	-4	ESE	3	mmb	47	85	4	2500	Cu	1	ACu	2	•
Chester (Sealand)	1014·5	-5	SE'S	4	c	48	75	7	2500	St	8	ACu	9	1
Harrogate	1018·1	-1	S	1	ffo	42	97	2	4150	St	10	-	10	•
Spurn Head	1018·3	-2	SSE	3	bc-	49	92	5	-	-	0	ACu	7	•
Birmingham (Edgbaston)	1016·2	-4	SSE	4	bc	46	85	6	2500	StCu	7	-	7	2
Cranwell	1019·7	-2	SE	2	cbc-	49	92	4	4000	StCu	3	CiCu	7	1
Gorleston	1019·8	-1	-	0	bc-	50	85	5	-	-	0	CiCu	6	•
Valentia (Cahirciveen)	999·4	0	S'E	4	bc	55	75	8	2500	StCu	3	CiCu	7	1
Roches Point	1003·3	-3	S	5	ocr	52	97	7	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1009·4	-4	SE	7	c+	49	85	8	1500	StCu	10	-	10	•
Ross-on-Wye	1014·9	-4	SSE	3	bc-	48	75	7	4000	Cu	5	ACu	7	1
Leafield	1015·9	-3	SE'S	4	c	44	85	7	4000	Cu	4	ASt	8	5
Winchester (Worthy Dn.)	1016·6	-4	SE'E	3	c	46	85	8	2500	StCu	3	ASt	9	1
S. Farnborough	1017·2	-4	SSE	3	c	47	85	7	2500	St	4	ASt	10	1
London (Kew Obsy.)	1017·4	-5	SE	3	c	47	75	6	2500	St	5	ASt	9	1
Croydon	1017·8	-5	SE	3	c+	47	75	7	5700	StCu	2	ASt	8	1
Shoeburyness	1019·6	-1	SSE	3	bc	47	85	8	1500	Cu	4	Ci	5	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	•	•
Felixstowe	1020·4	-1	S'W	2	bcm	47	97	5	4000	StCu	2	Ci	7	5
Lympne	1019·5	-3	SE'S	3	c	45	85	7	800	St	5	Ci	8	2
Scilly (St. Mary's)	1008·1	-3	SSE	6	c	53	97	7	4000	StCu	9	-	9	•
Falmouth (Pendennis)	1010·3	-3	SSE	7	ocr	49	92	7	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1011·9	-3	SE	3	cr	49	75	8	2500	Nb	7	ASt	9	1
Portland Bill	1014·6	-3	SE	5	c	49	75	8	1500	St	7	ASt	10	•
Southampton (Calshot)	1016·2	-5	SE'E	5	c	48	75	8	1500	Cu	5	ASt	(9)	0
Dungeness	1019·4	-3	S	3	c	46	85	8	2500	Cu	4	CiCu	8	•
Guernsey (Fort George)	1014·5	-5	S'E	6	c	45	92	8	1500	St	7	ACu	9	•

Observations at 18h. G.M.T. 17th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1016·6	-1	SE	3	c/d	43	92	7	5700	StCu	5	ASt	10	•
Stornoway	1009·7	-2	SSE	2	bc	48	85	7	4000	StCu	4	-	4	1
Wick	1014·7	-1	SSE	3	c	48	92	8	1500	St	5	CiSt	8	3
Tiree	1007·9	-2	SE	7	c	49	75	8	2500	CuNb	8	-	8	7
Nairn	1012·3	•	-	0	c/m	42	92	7	1500	St	8	-	8	•
Aberdeen	1015·9	0	SSE	2	c	48	92	5	4000	StCu	9	-	9	0
Malin Head	1005·1	-1	SSE	6	bc	48	85	7	5700	StCu	3	-	3	6
Renfrew	1012·1	-2	ESE	3	mmc	47	85	4	2500	St	9	-	9	•
Edinburgh (Inchkeith)	1013·8	-1	SE	2	b	45	92	6	-	-	0	ACu	2	0
Leuchars	1014·7	-1	SE	3	bc-	45	85	6	5700	StCu	5	-	5	•
Eskdalemuir	1014·1	-1	SE'E	3	b	41	85	7	2500	St	2	-	2	•
Tynemouth	1015·5	-2	SSE	2	bc/f	46	97	7	800	St	5	-	5	0
Blacksod Point	998·1	-1	SE	6	oR-	51	75	6	•	Nb	10	-	10	7
Donaghadee	1010·5	-2	S	6	c+	50	92	8	2500	Cu	9	-	9	4
Birr Castle	1001·7	*	E	4	ocr	49	92	6	1500	Nb	10	-	10	•
Holyhead	1008·9	-2	SE'E	2	c/r	47	75	7	5700	St	9	-	9	1
Liverpool (Bidston)	~~1011·8~~	-2	SSE	4	(mmbc)	43	85	4	2500	St	4	-	4	•
Chester (Sealand)	1011·5	-3	SE	4	b-	43	85	6	2500	StCu	2	-	2	•
Harrogate	1015·1	-1	SE	2	o	44	97	5	2500	St	10	-	10	•
Spurn Head	1015·7	-2	SE	5	bc	47	97	6	2500	CuNb	5	-	5	2
Birmingham (Edgbaston)	1013·7	-2	ESE	3	o	43	85	5	2500	St	10	-	10	•
Cranwell	1016·2	-4	SE	3	bc-	42	97	6	2500	StCu	3	ASt	6	•
Gorleston	1017·3	-4	SSE	3	b	48	85	7	-	-	0	-	0	0
Valentia (Cahirciveen)	995·4	-4	SE'S	6	bc	54	85	8	1500	St	7	-	7	3
Roches Point	1000·6	-3	S	5	cr	52	97	7	800	Nb	~~Trace~~	-	~~Trace~~	6
Pembroke (St. Ann's H.)	1006·6	-4	SE	7	crr	47	97	7	800	StCu	10	-	10	6
Ross-on-Wye	1011·7	-3	SE	3	c	45	85	6	2500	StCu	7	ASt	9	•
Leafield	1012·9	-3	SE'S	4	bc	41	85	8	4000	StCu	6	-	6	•
Winchester (Worthy Dn.)	1013·4	-2	ESE	3	bc-	44	85	7	800	St	7	-	7	•
S. Farnborough	1013·9	-3	E'S	2	c	43	85	6	1500	St	4	ASt	10	•
London (Kew Obsy.)	1014·7	-3	ESE	4	c	44	85	5	2500	St	6	ASt	9	•
Croydon	1015·0	-3	E	3	c	42	85	6	5700	St	3	CiSt	10	•
Shoeburyness	1016·2	-4	SE'E	5	bc	45	92	8	-	-	0	ASt	3	•
Clacton-on-Sea	1017·0	-3	SSE	5	bc	47	85	6	4000	St	3	Ci	5	3
Felixstowe	1017·4	-3	SSE	5	bc	47	85	7	-	-	0	CiSt	4	1
Lympne	1016·3	-2	E'S	4	bc-	44	75	7	4000	StCu	4	-	4	•
Scilly (St. Mary's)	1005·8	-3	SE'S	6	c	52	97	6	4000	StCu	10	-	10	7
Falmouth (Pendennis)	1005·6	-2	SE'E	7	cr	50	97	7	2500	Nb	7	ASt	10	5
Plymouth (Cattewater)	1006·2	-4	ESE	4	oc	47	92	7	1500	Nb	10	-	10	2
Portland Bill	1010·4	-3	ESE	5	o	49	75	8	2500	Nb	10	-	10	5
Southampton (Calshot)	1012·9	-3	SE	4	c	48	75	8	-	-	0	ASt	8	3
Dungeness	1014·9	-5	SE	5	bc-	48	85	8	-	-	0	ASt	6	~~8~~ 5
Guernsey (Fort George)	1011·5	-2	SE	7	oc₀	47	85	7	1500	St	10	-	10	7

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility 9h.
Kew													
Croydon } 24 hours ended 7h.	18	bfwc	cm₀	c	49	43	41	Tr.	-	1·3	•	•	5
Greenwich (Royal Obsy.)	244	bcxc*	c3o	cm₀	48	42	37	-	-	1·4	•	•	6
City (Bunhill Row)	149	cmcbc	bcc*c	c	49	39	36	-	-	1·5	80	89	5
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	0·5	•	•	•
Regent's Pk. (Botanic Gdns.)	27	•	•	•	52	41	35	-	-	0·5	70	92	•
Camden Square	168	•	•	•	•	•	•	•	•	0·1	•	•	•
Kensington Palace	110	fec	c	•	47	41	33	-	-	•	•	90	•
Hampstead Observatory	80	o	o	•	48	41	39	-	-	•	(At 18h) 91	91	•
	450	•	•	•	45	37	32	-	Tr.	0·3	•	93	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 18th

South Kensington

Max.	Time	Min.	Time.
2·0	17th 10h	<0·3	18th 4h.

Kew Observatory

Max.	Time.	Min.	Time.
1·0	17th 9h.	<0·3	18th 3h.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 17th ... 17h. 15m. to 18th ... 6h. 15m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13·0	1·32	12
δ Ursae Minoris	13·0	1·32	12

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

18th + 19th November 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·21	11·38	15·55
	7·23	11·38	15·53
Greenwich	7·24	11·45	16·6
	7·25	11·45	16·5
Wick	8·9	11·57	15.46
	8·11	11·58	15.44
Valentia	8·6	12·26	16·45
	8·8	12·26	16.44

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
ra sleet. t tounder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☿ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; - = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

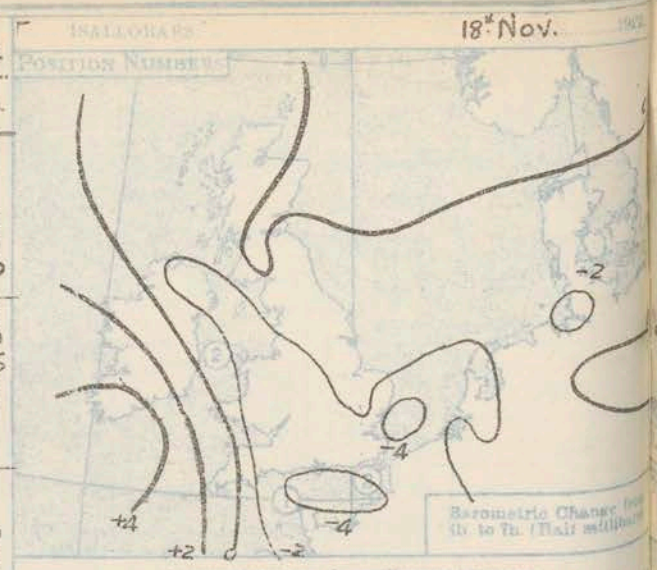
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 55 yards.
0. Dense fog.	220 „
1. Thick fog.	550 „
2. Fog.	1,100 „
3. Moderate fog.	1¼ miles.
4. Mist or haze.	2½ „
5. Poor visibility.	6½ „
6. Moderate.	12½ „
7. Good.	31 „
8. Very good.	31 „
9. Excellent visibility, beyond 31 „	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 17th	WEATHER. 13h.-18h. 17th	WEATHER. 18h. 17th to 1h. 18th	WEATHER. 1h.-7h. 18th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.‡ Day. 7h.-18h. mm.	RAINFALL.‡ Day. 7h.-18h. began.	RAINFALL.‡ Night. 18h.-7h. mm.	RAINFALL.‡ Night. 18h.-7h. began.	SUN 17th Hours.
Lerwick	bbcod	cid.	c	c	~~48~~	43	.	Trace	12.30	–	–	0.6
Stornoway	c	c	b-bc	bcc	50	45	.	–	–	–	–	0.4
Wick	c	c	b-bc	b-bc	~~52~~ 50	48	.	–	–	–	–	.
Tiree	bcq	bcqco	co	qco	50	45	41	–	–	–	–	0.3
Nairn	bcims	mcbc	bc	bc	~~44~~	42	.	0.2	9.00	–	–	0.0
Aberdeen	cmir.	cm.m	cm.	c	49	47	43	0.1	9.00	Trace	6.30	0.0
Malin Head	bcc	cbc	bccopbc	bcco	51	45	.	–	–	Trace	22.00	0.3
Renfrew	cr.m.c	cm.	cbcm.	bccm.	~~49~~	42	39	Trace	11.00	–	–	0.0
Edinburgh (Inchkeith)	c	cb	b-bc	c	51	44	37	–	–	–	–	0.5
Leuchars	cpr.c	c	bcm.	bccR	~~49~~	43	35	Trace	9.00	1	6.30	0.1
Eskdalemuir	cm.c	cbcb	b	bcm.	~~48~~	39	36	–	–	–	–	1.8
Tynemouth	off	off	cp.bcq	bccq	47	46	40	–	–	0.3	<21.00	.
Blacksod Point ...	r.r.	Rqr.	Po	poq.o	54	47	.	5	–	1	–	.
Donaghadee	bc	bcc	oir.	oir.	~~(51)~~	47	.	–	–	0.5	<21.00	.
Birr Castle	crrm.	oirm.	oir	cm.	50	45	40	5	<8.00	4	<21.00	0.0
Holyhead	pr.c	pr.r.	bc	bc	51	45	43	0.1	<8.00	–	–	0.5
Liverpool (Bidston) ...	ofcm	bmocm	cbcbq	cq m.	~~47~~	41	39	–	–	–	–	0.4
Chester (Sealand) ...	cmc	cbcm.	bcom.	pr.ocm	50	43	39	–	–	Trace	24.00	0.6
Harrogate	oFfz	ofo	ocif	ocid.	~~44~~	37	34	–	–	0.1	1.30	0.0
Spurn Head	c	b-bc	bwbc	c	~~49~~	45	.	–	–	–	–	2.3
Birmingham (Edgbaston)	cbc	bcc	co	opr.	~~47~~	39	38	–	–	0.2	4.30	1.3
Cranwell	ofcm	cm.	c	bcco	~~49~~	39	36	–	–	–	–	1.2
Gorleston	bccm	bcm.b	bbccq	cq	50	45	44	–	–	–	–	1.2
Valentia (Cahirciveen)	orcbc	Pcbc	copor	copqb	55	43	36	4	<8.00	7	<21.00	1.4
Roches Point	coir	cir	cpbc	cPc	57	~~44~~ 45	.	6	<8.00	6	<21.00	.
Pembroke (St. Ann's H.)	cqP	cqP	cqP	cqrr	51	46	.	0.5	11.00	5	<21.00	0.0
Ross-on-Wye	cbbcc	bcc	cbc	poc	~~49~~	44	42	–	–	0.1	2.30	2.6
Leafield	fFm	c	bcc	cpr	45	40	39	Trace	–	0.3	2.30	1.4
Winchester (Worthy Dn.)	c	c	co	oc	~~48~~	44	41	–	–	Trace	–	0.6
S Farnborough ...	bcfsc	c	cm.	cm.	~~47~~	42	37	–	–	–	–	0.4
London (Kew Obsy.) ...	bfucm.	cm.	c	c	~~49~~	43	41	Trace	–	–	–	1.3
Croydon	cucz.	cz.	cm.	cm.	~~48~~	42	37	–	–	–	–	1.4
Shoeburyness	cbc	bcb	b	cm	51	42	40	–	–	–	–	3.4
Clacton-on-Sea ...	cbc	bc	bc	becu	~~49~~	44	40	–	–	–	–	2.8
Felixstowe	cifsm	bccbc	bc	bccm.	52	46	44	Trace	–	–	–	2.0
Lympne	cofc	cbc	bc	bccbc	~~46~~	41	38	–	–	–	–	0.6
Scilly (St. Mary's) ...	cp	cp	cP	orc	55	49	.	0.2	<8.00	5	<21.00	0.0
Falmouth (Pendennis)	ofq	ocfq	orq	orq	51	49	.	4	<8.00	7	<21.00	0.0
Plymouth (Cattewater)	cqr	cor.q	coqrr	oqrr	51	47	45	Trace	12.30	10	~~<21.00~~	0.0
Portland Bill	c	c	cpor.	cr.or.	51	49	.	–	–	0.4	<21.00	.
Southampton (Calshot)	bcwbcc	c	cbccir.	cir.	48	48	45	–	–	0.1	24.00	0.3
Dungeness	bcc	cbc	bc	bbc	50	~~48~~	.	–	–	–	–	.
Guernsey	cq	cir.	cr.oQ	oirQ	~~49~~	47	.	0.2	16.30	1	<21.00	0.0



Observations from Cross Channel steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force	Weather.	Temp. Air	Temp. Sea.
2	17th 10h	Hibernia	SSE	7	c	52	54
3	18th 2h.	Dieppe	SSE	5	bc	45	55

GENERAL INFERENCE.

An anticyclone persists over Scandinavia and north Russia. The depression off West Ireland is filling up, but secondaries are developing further to southward and will approach our southwest coasts. Winds will be mainly southeasterly and weather unsettled, but some eastern districts may escape rain for another 24 hours.

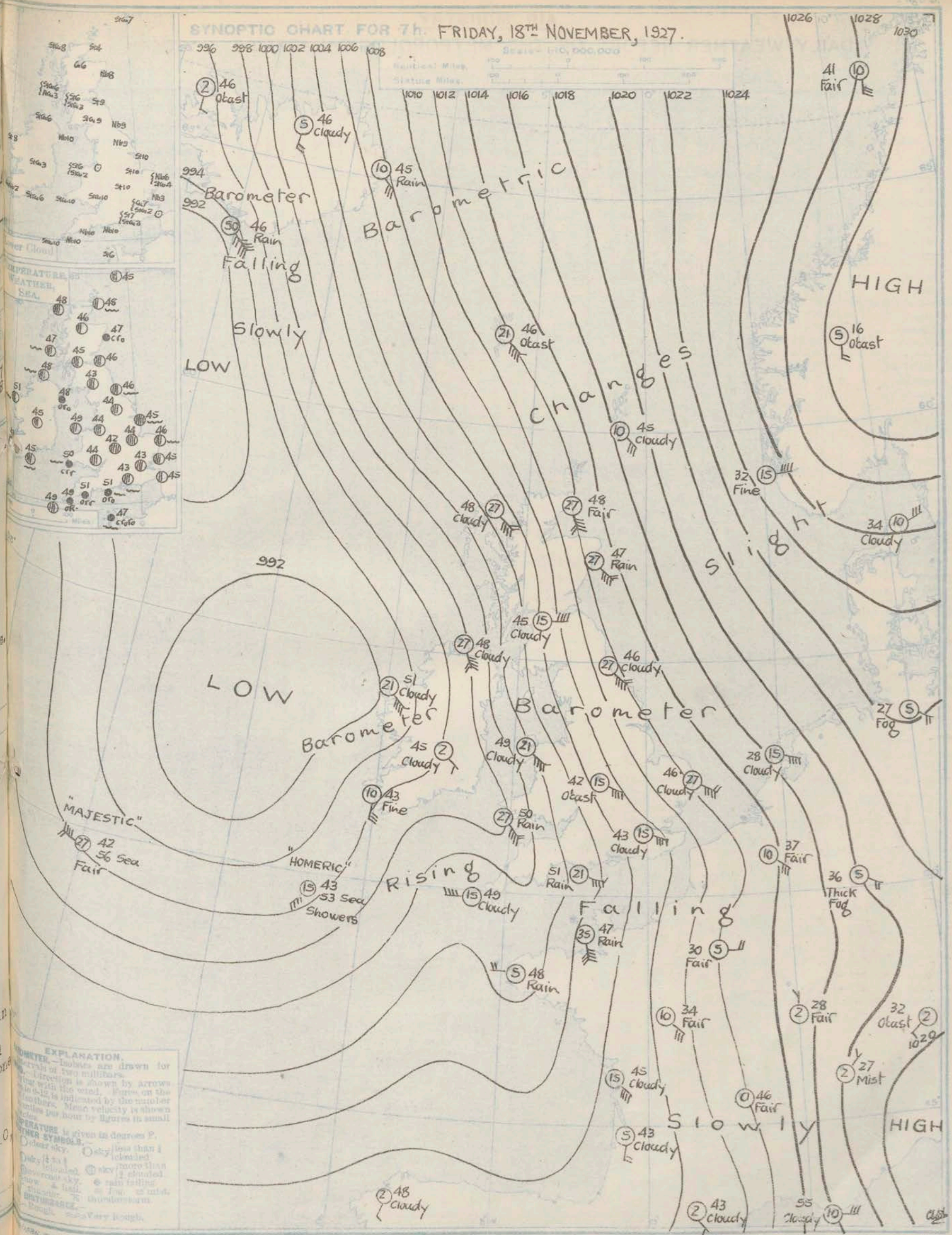
Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 18th November, 1927.

Districts.	Forecasts	Further Outlook.
1. S.E. England 2. E. England ▼ 3. E. Midlands	Wind S.E., fresh or strong locally, moderating temporarily; fair to cloudy, perhaps some rain later; moderate temperature.	Unsettled.
4. W. Midlands	As 7 - 9.	
5. S.W. England 6. South Wales	Wind variable or southeast, light at first, strong at times later; rain at times; perhaps local thunder; fairer intervals; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind S.E., moderating temporarily; mainly cloudy, occasional rain; local morning mist or fog; moderate temperature.	
10. N.E. England ▼ 11. S.E. Scotland ▼	Wind S.E., strong at times; cloudy, perhaps occasional slight rain later; moderate temperature.	
12. S.W. Scotland ▼ Isle of Man 13. (A. W. Scotland ▼ (B. N.W. Scotland ▼	Wind S.E., strong, veering slightly and moderating mainly cloudy, occasional rain; moderate temperature.	▼ South Cone still flying in districts 12, 13A., 13B. and 18. South Cone hoisted at 1915 G.M.T. yesterday in districts 2, 10, 11, 15 and 16
14. Orkney and Shetlands ▼ 15. N.E. Scotland ▼	Wind S.E., strong, approaching gale force locally at first; cloudy, local showers; moderate temperature.	
17. S.W. Ireland 18. N.E. Ireland ▼ 19. S.E. Ireland 20. S.W. Ireland	Wind between S.W. and S.E., light to fresh; some showers of rain or hail with local thunder; bright intervals; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1005 G.M.T. SIMPSON, F.R.S., Director.

‡ For code see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. FRIDAY, 18TH NOVEMBER, 1927.
996 998 1000 1002 1004 1006 1008
1010 1012 1014 1016 1018 1020 1022 1024
1026 1028 1030
Barometer Falling Slowly
LOW
Barometer Changes Slight
HIGH
LOW
Barometer
"MAJESTIC"
"HOMERIC"
Rising
Falling
Slowly
HIGH
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday, 18th November.....1927. No. 322

Observations at 1h. G.M.T. 18th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1017.3	0	SE	3	c	48	92	7	5700	StCu	5	ASt	10
Stornoway	30	1007.5	-2	SE	5	bc-	*	*	8	*	*	*	*	*
Wick	81	1012.6	-1	SSE	5	bc	48	92	8	2500	StCu	4	-	4
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1001.5	-8	ESE	6	bc	47	85	7	5700	StCu	3	-	3
Renfrew	56	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1010.8	-3	E	3	b	46	85	8	4000	Cu	1	ACu	2
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1012.3	-2	SSE	4	bc	? 47	92	8	1500	CuNb	4	-	4
Blacksod Point ...	18	994.2	-4	SE	7	c	51	75	7	*	St	9	-	9
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	20	1004.4	-3	SE	5	bc	48	75	7	5700	St	6	-	6
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1012.5	-2	SE	7	bc+	47	92	6	4000	CuNb	7	-	7
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	238	1013.3	-4	SE'E	4	c+	42	97	6	2500	St	8	-	8
Gorleston	14	1014.6	-2	SE	5	c	48	92	7	2500	StCu	10	-	10
Valentia (Cahirciveen)‡	30	991.5	+1	S	2	oR	47	97	5	*	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1000.2	-4	SE'E	7	~~c/r~~ c	51	92	7	1500	StCu	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	45	*	*	*	*	*	*	*
Croydon	244	1011.0	-4	SE'E	3	c	44	85	6	-	-	0	ASt	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1012.1	-4	SE'E	5	bc	42	92	8	2500	StCu	2	Cu	7
Scilly (St. Mary's) ...	163	998.7	-5	SSE	7	oRR	52	97	7	4000	Nb	10	-	10
Falmouth (Pendennis)	200	1000.6	-4	SSE	8	or	52	85	7	2500	Nb	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1005.7	-4	SE	6	cr.	50	85	8	2500	St	8	-	8
Southampton (Calshot)	10	1008.9	-4	SE'E	4	cr.	49	85	7	1500	StCu	10	-	10
Dungeness	20	1012.1	-3	SSE	5	bc+	44	85	8	2500	Cu	6	-	6
Guernsey (Fort George) ‡	295	1005.4	-4	SE	4	c+	48	85	7	4000	StCu	10	-	10

Observations at 7h. G.M.T. 18th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1017.1	0	SE	3	c	45	85	7	5700	StCu	7	ASt	10	.
Stornoway	1004.7	-1	SE	6	c	48	65	7	2500	StCu	8	-	8	5
Wick	1011.6	-1	SSE	6	bc	48	85	8	1500	St	4	CiSt	6	6
Tiree	1002.3	-1	SE	~~6~~ 7	c	47	65	8	1500	StCu	6	ACu	9	7
Nairn	1009.7	*	E	2	bc	46	75	8	4000	Cu	6	-	6	.
Aberdeen	1013.4	0	SE	6	cr.	47	85	7	1500	Nb	8	ASt	10	4
Malin Head	997.7	-3	SSE	6	c	~~48~~	85	6	4000	StCu	6	ASt	10	6
Renfrew	1007.3	0	E	4	c	45	75	6	1500	St	9	-	9	.
Edinburgh (Inchkeith)	1009.2	-1	E	3	c+	46	75	8	7200	St	9	-	9	1
Leuchars	1010.9	0	ESE	5	cR	47	85	7	800	Nb	8	ASt	9	.
Eskdalemuir	1008.7	0	ESE	5	c	43	75	6	1500	StCu	9	-	9	.
Tynemouth	1010.7	-1	SE	6	c+	46	92	7	1500	Nb	9	-	9	6
Blacksod Point ...	992.3	+3	SE	6	c	51	65	7	*	St	8	-	8	7
Donaghadee	1003.0	-2	SE	8	or.	48	92	6	2500	Nb	10	-	10	5
Birr Castle	996.0	*	SE	1	c-	45	97	6	2500	StCu	3	ASt	9	.
Holyhead	1001.8	-2	SE'E	5	c+	49	75	6	5700	St	8	-	8	4
Liverpool (Bidston) ...	1004.6	-2	E'S	4	c-	44	85	6	-	-	0	ASt	9	.
Chester (Sealand) ...	1005.2	-3	ESE	4	c	44	85	6	1500	St	9	ASt	10	.
Harrogate	1008.5	-1	SE	4	c	44	92	6	2500	Nb	9	ASt	10	.
Spurn Head	1010.1	-1	ESE	7	o	46	85	6	2500	St	10	-	10	6
Birmingham (Edgbaston)	1007.0	-2	ESE	4	o	42	85	6	1500	St	10	-	10	.
Cranwell	1010.3	-3	SE	4	o	44	97	6	1500	St	10	-	10	.
Gorleston	1012.0	-4	ESE	6	c	46	85	6	1500	Nb	10	-	10	6
Valentia (Cahirciveen)‡	995.6	+4	S'W	3	b	43	75	8	2500	CuNb	2	-	2	4
Roches Point	997.7	+5	W	3	c	45	92	8	1500	StCu	6	CiCu	8	6
Pembroke (St. Ann's H.)	997.9	0	SE'S	6	crr	50	97	7	1500	StCu	10	-	10	6
Ross-on-Wye	1004.6	-2	E'S	4	c	44	85	6	2500	StCu	10	-	10	.
Leafield	1005.7	-3	ESE	4	o	40	97	7	1500	Nb	10	-	10	.
Winchester (Worthy Dn.)	1005.9	-3	E	3	c	45	92	7	800	St	10	-	10	.
S. Farnborough ...	1007.1	-2	ESE	3	c	43	92	6	1500	St	10	-	10	.
London (Kew Obsy.) ...	1007.7	-3	ESE	4	c	43	85	5	2500	StCu	9	-	9	.
Croydon	1008.3	-3	E'S	4	c	42	85	7	800	St	6	ASt	9	
Shoeburyness	1009.6	-2	SE	4	c	42	92	6	4000	StCu	6	ACu	8	.
Clacton-on-Sea ...	1010.3	-1	SE	5	c	45	85	7	5700	Nb	3	ASt	8	4
Felixstowe	1011.0	-4	SE'S	6	c	46	85	6	1500	StCu	10	-	10	4
Lympne	1009.3	-2	ESE	4	bc-	41	92	7	1500	St	4	ACu	7	.
Scilly (St. Mary's) ...	1001.4	+3	W	4	c	49	85	7	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1000.7	+1	WSW	1	oR-	49	97	7	2500	Nb	10	-	10	2
Plymouth (Cattewater)	1000.2	-2	SE	5	orr	51	97	7	~~450~~	Nb	10	-	10	2
Portland Bill	1002.4	-4	ESE	5	or.	51	85	8	1500	Nb	10	-	10	6
Southampton (Calshot)	1005.1	-4	SE'E	5	c	49	85	7	1500	St	10	-	10	6
Dungeness	1008.2	-3	SSE	5	bc-	45	85	8	-	-	0	ACu	4	5
Guernsey (Fort George) ‡	1004.5	-2	S'E	7	cr.	47	92	7	1500	St	6	ASt	10	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...17th November.....

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 8h. 16th to 9h. 17th	Temperature. Max. 9h. -17h. 17th	Rainfall.† Night 17h.-9h. 16-17th	Rainfall.† Day 9h.-17h. 17th	Sun-shine. Sunrise to Sunset. 17th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	c	42	45	-	-	0.2
Douglas (I. o. M.) ...	co	co	47	49	2	-	0.2
Llandudno ...	cbc	cbc	42	51	0.4	-	0.4
Colwyn Bay ...	bcc	cbccb	45	50	-	-	0.2
Rhyl...	cbc	bcc	41	51	-	-	2.6
Wallasey	oc	cbc	40	49	-	-	0.2
Southport	o cbc	bccbc	*41	49	-	-	1.2
Blackpool	o	c	41	49	-	-	1.7
Ilkley	ofe	o	29	45	-	-	0.0
Cleethorpes... ...	om	b	36	51	Trace	-	3.0
Skegness	bc	cbc	40	54	Trace	-	0.0
Aberystwyth ...	bcc	c	45	50	-	-	0.3
Bath	cbc	c	38	48	0.3	-	0.3
Cheltenham‖ ...	wcbc	bcc	42	48	-	-	4.0
Leamington Spa ...	cb	om	36	49	-	-	3.2
Lowestoft	c	bc	38	50	Trace	-	1.4
Felixstowe	bcmbf	bcm	40	51	-	-	2.2
Harwich & Dovercourt	bcm	bcm	40	50	-	-	1.9
Southend	bc	coc	44	?	-	-	3.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	co	o	46	50	-	-	0.0
Bude	bcp	pc	41	50	0.3	1	0.8
Penzance	cro	o	51	52	1	Trace	0.0
Paignton	bccorp	o	40	?	0.3	Trace	0.3
Torquay	cop.q	oq.	44	50	0.5	0.2	0.6
Jersey	c	c	44	48	-	-	0.0
Weymouth	o	o	48	49	2	-	0.0
Bournemouth ...	co	o	46	49	0.3	-	0.3
Ventnor ...	c	ou	46	48	-	-	0.1
Portsmouth (S'thsea)	bcc	bcc	41	50	-	-	0.5
Bognor	bc	c	47	48	-	-	0.8
Littlehampton ...	bc	c	45	48	-	-	0.9
Worthing	c	c	40	49	-	-	1.3
Brighton	cbc	bcco	40	50	-	-	1.0
Eastbourne‖	c	coc	39	49	-	-	2.1
Hastings‖	cbcc	cbcc	44	50	0.1	-	1.4
Folkestone	omoc	c	42	48	-	-	0.9
Dover	mc	cbcc	41	48	0.2	-	0.0
Tunbridge Wells ...	oco	oco	40	49	-	-	0.9
Ramsgate	bcc	cbc	45	49	-	-	1.1
Margate	zbc	bc	45	49	-	-	1.4
Deal	ocbc	bcc	41	48	-	-	1.5

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. † For code see page 1. †† See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24103 Saturday 19th November 1927. Page 1.

Observations at 13h. G.M.T. 18th / Observations at 18h. G.M.T. 18th

STATIONS. (For heights see p. 4).	13h Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground	18h Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1018.7	0	SE	5	c-	44	75	8	4000	Cu	6	A.Cu	9	•	1017.7	0	SE	5	oh(r)	41	92	7	4000	Nb	10	-	10	•
Stornoway	1005.5	0	SE	6	c	49	75	7	4000	St.Cu	9	-	9	•	1005.7	+1	SE	7	bc	45	75	7	4000	Cu.Nb	5	-	5	6
Wick	1012.0	0	SSE	6	c	46	75	8	1500	Nb	8	A.St	10	•	1013.1	+1	SSE	6	cr	47	75	8	1500	Nb	8	A.St	10	6
Tiree	1002.2	0	SE	7	c+	48	75	6	800	St.Cu	10	-	10	0	1003.3	0	ESE	7	or₀	44	92	6	800	Nb	10	-	10	6
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.6	•	SE'S	3	c	43	75	8	4000	St.Cu	8	-	8	•
Aberdeen	1013.2	-1	SE	6	o	44	85	6	2500	Nb	10	-	10	2	1012.6	0	SE	6	o	44	85	6	2500	Nb	10	-	10	5
Malin Head	999.7	+1	SSE	5	cr₀r₀	46	92	6	4000	Nb	8	A.St	10	•	1000.9	+2	SSE	2	c-	45	92	7	4000	St.Cu	3	A.St	9	2
Renfrew	1006.8	0	ESE	4	o	46	75	6	450	St	10	-	10	1	1006.3	0	E	4	or₀	44	85	5	800	St	10	-	10	•
Edinburgh (Inchkeith)	1007.8	-1	SE	4	cr₀	43	85	8	800	St	10	-	10	•	1007.2	-1	ESE	4	o	43	85	8	800	St	10	-	10	2
Leuchars	1010.4	-2	ESE	6	o/r	44	85	6	800	St	10	-	10	2	1010.0	0	ESE	6	or₀	43	85	7	1500	Nb	10	-	10	•
Eskdalemuir	1008.0	-1	ESE	5	o	41	85	6	1500	St	6	-	10	2	1007.1	-1	SE'E	6	o	41	85	6	1500	St	10	-	10	•
Tynemouth	1009.3	-1	SE	6	o/p	44	92	7	1500	Nb	10	-	10	•	1008.6	-1	SE	6	o	45	85	7	1500	Nb	10	-	10	6
Blacksod Point	995.4	+2	SSE	5	bc	49	75	9	-	Cu.Nb	5	-	5	•	997.4	+2	SE	4	bc	47	75	7	•	Cu.Nb	6	-	6	5
Donaghadee	1002.9	-1	SE	8	or₀	48	92	6	2500	Nb	10	-	10	•	1003.1	+1	SSE	7	orr	47	92	6	1500	Nb	10	-	10	5
Birr Castle	998.1	•	SSE	2	bc-	49	75	7	2500	St.Cu	3	C.Cu	6	•	999.1	•	SE	1	bc-	42	92	7	2500	Cu	1	A.Cu	3	•
Holyhead	1001.9	0	E'S	4	orr	45	97	6	5700	Nb	10	-	10	2	1001.4	0	ESE	4	cr₀r₀	45	92	5	4000	Nb	6	A.St	10	3
Liverpool (Bidston)	1003.5	-3	E'S	5	c/pr	45	75	5	4000	Nb	6	A.St	10	•	1003.2	0	E	4	orr	43	92	5	1500	Nb	10	-	10	•
Chester (Sealand)	1003.8	-2	SE	4	or₀r₀	45	85	6	800	St	10	•	10	2	1003.0	0	SE	2	orr	43	97	4	800	St	10	-	10	•
Harrogate	1008.2	-1	SE'E	3	c/d₀	42	92	6	2500	Nb	9	A.St	10	•	1007.1	-1	E'S	3	o	42	85	6	2500	Nb	10	-	10	•
Spurn Head	1007.5	-2	SE'E	7	o	45	85	6	2500	St	10	-	10	•	1007.1	0	SE	7	c	46	85	6	4000	Cu.Nb	10	-	10	6
Birmingham (Edgbaston)	1004.4	-3	ESE	3	or₀	42	85	5	1500	Nb	10	-	10	2	1003.6	-1	ESE	4	orr	43	92	5	1500	Nb	10	-	10	•
Cranwell	1007.7	-2	ESE	4	c	44	92	6	800	St	10	-	10	1	1005.8	-2	ESE	4	o	42	97	6	800	St	10	-	10	•
Gorleston	1009.4	-3	SE'E	6	c	45	92	6	2500	Nb	10	-	10	•	1007.7	-1	ESE	6	c	45	85	6	2500	Nb	10	-	10	5
Valentia (Cahirciveen)	997.5	0	S'W	3	bc+	50	65	8	2500	Nb	4	A.Cu	5	2	997.8	0	SE'S	3	c	45	85	8	1500	St	9	-	9	4
Roches Point	999.7	+1	SW	2	bc	52	75	8	1500	Cu	2	Ci.Cu	3	•	999.8	0	SW	3	c	49	85	8	1500	St.Cu	8	-	8	4
Pembroke (St. Ann's H.)	1000.2	+1	SE	3	bc/r	48	92	8	800	St.Cu	7	-	7	•	1000.8	+1	SE	1	bc-	46	92	8	1500	Cu	4	-	4	1
Ross-on-Wye	1002.5	-3	E	3	or₀	44	92	5	1500	Nb	10	-	10	1	1001.5	-1	E	3	od₀d₀	45	92	5	1500	Nb	10	-	10	•
Leafield	1004.2	-2	E'S	4	c	43	92	6	1500	St	8	A.St	10	0	1002.9	-1	E'S	4	orr	43	97	4	1500	Nb	10	-	10	•
Winchester (Worthy Dn.)	1003.3	-3	SE'E	4	c	48	85	8	1500	St	10	-	10	1	1002.5	0	E'S	3	orr	47	97	7	800	Nb	10	-	10	•
S. Farnborough	1003.8	-4	SE	4	c	50	75	6	1500	St	4	A.St	10	1	1003.1	0	SE	3	or₀r₀	46	92	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1004.8	-4	E'S	3	c	48	75	5	1500	St	4	A.Cu	9	1	1003.7	0	ESE	3	or₀r₀	47	85	5	1500	St	10	-	10	•
Croydon	1005.0	-5	SE'E	3	c-	51	75	7	1500	St	1	A.Cu	8	1	1004.0	-1	ESE	4	cr₀r₀	46	85	6	5700	St.Cu	5	A.St	10	•
Shoeburyness	1006.7	-2	ESE	5	c	46	92	7	4000	St.Cu	6	Ci	8	•	1005.5	-1	ESE	5	cr₀	47	92	7	2500	St.Cu	8	A.St	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.2	-1	ESE	5	bc	47	85	6	4000	St.Cu	6	-	6	4
Felixstowe	1008.2	-3	SE	5	bc	47	92	6	-	-	0	A.Cu	6	0	1007.2	-1	SE'E	5	c	47	92	6	-	-	0	A.St	9	4
Lympne	1006.4	-4	E	4	c+	50	75	6	-	-	0	Ci.Cu	8	1	1005.3	0	E'N	5	cr₀r₀	46	85	5	1500	St.Cu	10	-	10	•
Scilly (St. Mary's)	1001.9	0	W'N	2	b-	53	75	8	4000	Cu	1	-	1	•	1001.8	+1	-	0	b	45	85	8	4000	Cu	2	-	2	2
Falmouth (Pendennis)	1001.0	+1	NNW	1	c-	49	85	7	4000	Cu	3	A.St	8	•	1001.6	+1	-	0	bc-	48	85	7	4000	Cu	4	-	4	0
Plymouth (Cattewater)	1000.3	0	NNW	1	cdd	49	85	6	800	~~St~~	10	A St	10	2	1000.7	+1	-	0	bc-	47	97	6	2500	St	1	A.Cu	5	0
Portland Bill	1000.6	-3	SSE	4	or₀r₀	50	97	6	1500	Nb	10	-	10	•	1000.5	+1	-	0	cr₀r₀	49	92	8	2500	Nb	6	A.St	9	4
Southampton (Calshot)	1002.8	-3	SE'E	5	c	49	85	6	1500	St	9	A.St	10	0	1001.8	0	SE'S	3	or₀r₀	48	97	6	1500	Nb	10	-	10	0
Dungeness	1006.2	-3	SE	5	c	51	75	8	2500	St.Cu	4	Ci.Cu	9	•	1004.3	-2	SE	5	cr₀	50	85	7	1500	St.Cu	10	-	10	5
Guernsey (Fort George)	1002.3	-2	S'W	3	c/r	49	97	7	1500	St	10	-	10	•	1001.4	0	SSW	3	cr₀	49	92	7	1500	St	8	A.St	10	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning (24 hours ended 9h)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	cm₀	cm₀r₀o	om₀r₀	50	46	45	Tr.	1	0.1	*	*	4
Croydon } 24 hours ended 7h.	244	cz₀⊕	cz₀r₀r₀	cr₀r₀m	51	44	43	0.1	1	0.1	*	*	5
Greenwich (Royal Obsy.)	149	c	c ⊕r₀	cr₀d	50	44	42	Tr.	1	0.3	71	92	5
City (Bunhill Row)	89	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	61	43	38		1	0.0	67	86	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	oc	cor	*	48	44	42	0.3	1	*	*	94	*
Kensington Palace	80	o	or	*	50	45	43	0.3	1	*	(At 18h) 77	92	*
Hampstead Observatory	450	*	*	*	48	38	34	1	1	0.0	*	94	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 19th

South Kensington Max.	Time.	Min.	Time.
1.0	18th 20h	0.3	15th 6h

Kew Observatory Max.	Time.	Min.	Time.
0.3	18th 17h	<0.3	18th 14h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th 17 h. 15 m. to 19th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.0	NIL	-
δ Ursae Minoris	13.0	NIL	-

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

18th & 19th Nov., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.23 / 7.24	11.38 / 11.39	15.53 / 15.52
Greenwich	7.25 / 7.27	11.45 / 11.45	16.5 / 15.4
Wick	8.11 / 8.13	11.58 / 11.56	15.44 / 15.42
Valentia	8.8 / 8.10	12.26 / 12.26	16.44 / 16.43

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
lp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♉ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0 = no swell } Calm or
1 = mod. swell } slight
2 = heavy swell } sea.
3 = no swell } Moderate
4 = mod. swell } sea.
5 = heavy swell }
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

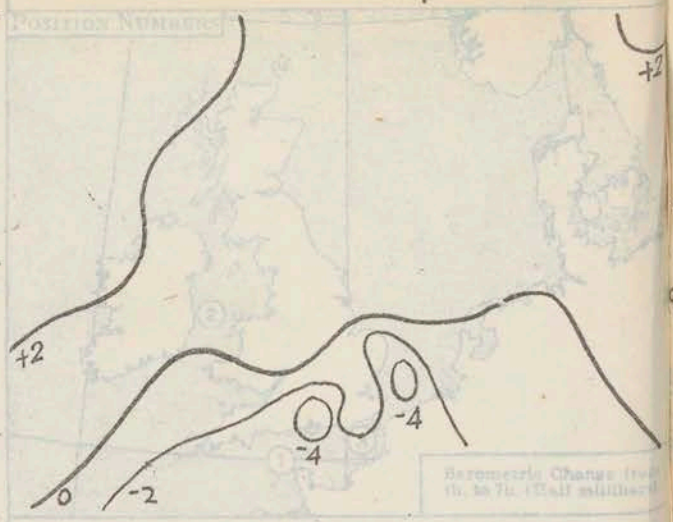
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS. ¶

STATIONS.	WEATHER. 7h.-13h. 18th	13h.-18h. 18th	18h. 18th to 1h. 19th	1h.-7h. 19th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	Sun 19th Hours
Lerwick	c	coihr	ciphrw	oir	46	37	•	1	14.30	5	<21.00	0.0
Stornoway	c	c	c	p	50	42	•	–	*	0.3	*	0.3
Wick	cpre	cir	circ	cir	48	41	•	1	14.30	1	<21.00	•
Tiree	qco	opr	prqo	prqo	48	41	40	1	14.30	4	<21.00	0.0
Nairn	bcc	cq	cq	c	46	41	•	–	–	–	–	0.3
Aberdeen	cirm	cirm	oir	cir	47	40	38	0.1	<8.00	0.4	<21.00	0.0
Malin Head	oirmrr	orrce	cbcce	c	47	43	•	3	9.00	–	–	0.0
Renfrew	roz q	oqrm	oirzq	omomq	48	40	39	1	14.30	2	<21.00	0.0
Edinburgh (Inchkeith)	cor	o	o	or	47	41	39	Trace	<8.00	0.5	24.00	0.0
Leuchars	Roirm	obir	oirc	c	47	43	-	1	<8.00	Trace	<21.00	0.0
Eskdalemuir	cmorm	ormomm	cmorrm	orrm	44	38	37	3	<8.00	9	22.00	0.0
Tynemouth	oirq	oq	opq	opq	46	43	40	0.1	<8.00	0.1	24.00	•
Blacksod Point ...	phbc	pebc	b	b	50	42	•	1	*	–	–	•
Donaghadee	oir	orrzo	orrz	orrz	49	45	•	6	<8.00	11	<21.00	•
Birr Castle	cbc	bc	bcbx	bx	50	~~28~~ 27	18	–	–	–	–	5.6
Holyhead	rrrr	rrr	rrom	ocm	50	44	42	11	9.00	1	<21.00	0.0
Liverpool (Bidston) ...	cop q	porr	orr	orrm	45	42	41	3	11.00	19	<21.00	0.0
Chester (Sealand) ...	crrm	ormrm	rr	rr	45	43	42	5	11.00	17	<21.00	0.0
Harrogate	coidr	o	or	orr	44	39	39	Trace	11.00	7	22.00	0.0
Spurn Head	o	o	o	o	46	42	•	–	–	–	–	0.0
Birmingham (Edgbaston)	obr	orr	or	orr	44	42	42	2	11.00	19	<21.00	0.0
Cranwell	odirc	co	orr	oror	45	40	40	Trace	<8.00	9	<21.00	0.0
Gorleston	cq	cq	cq	cq	46	41	40	–	–	–	–	0.0
Valentia (Cahiroiveen)	bbcph	cir	opbc	cpbx	50	37	28	3	9.00	2	<21.00	0.0
Roches Point	bc	bce	cpbc	bcb	53	42	•	–	–	2	<21.00	•
Pembroke (St. Ann's H.)	cRr	be	bcb	bc	50	41	•	15	<8.00	–	–	0.0
Ross-on-Wye	corm	drcd	drr	rr	45	45	44	4	11.00	8	<21.00	0.0
Leafield	o	orm	orr	orr	43	42	42	2	15.30	15	<21.00	0.0
Winchester (Worthy Dn.)	c	corr	orrrr	orrrr	48	44	42	2	15.30	13	<21.00	0.0
S Farnborough ...	cm	crr	orrr	orrrr	50	~~44~~ 43	43	0.1	15.30	3	<21.00	0.0
London (Kew Obsy.) ...	cm	cmro	omrm	orm	50	46	45	Trace	16.30	1	<21.00	0.1
Croydon	cz	czrr	crrm	corrm	51	44	43	0.1	15.30	1	<21.00	0.1
Shoeburyness	cmc	cor	ofmr	or	48	41	43	Trace	17.30	2	<21.00	2.1
Clacton-on-Sea ...	cubc	be	bcogr	ogrog	48	44	43	–	–	1	<21.00	0.2
Felixstowe	cbcm	ccm	crm	com	47	44	44	–	–	0.3	<21.00	1.1
Lympne	becm	cbecr	crorr	orcm	50	42	41	Trace	15.30	1	<21.00	3.6
Scilly (St. Mary's) ...	cbcb	b	b	b	55	42	•	–	–	–	–	6.9
Falmouth (Pendennis)	Rc	cbe	bc	bc	52	39	•	2	<8.00	–	–	2.9
Plymouth (Cattewater)	oRRrdm	oddmbc	bcbfe	bmwcd	51	42	35	26	<8.00	Trace	6.30	0.0
Portland Bill	orrz	crr	orr	orrz	52	48	•	6	<8.00	6	<21.00	•
Southampton (Calshot)	c	corrmr	orrm	orrm	49	45	45	2	13.30	9	<21.00	0.0
Dungeness	bcc	ccir	crorr	orc	51	45	•	Trace	15.30	1	<21.00	•
Guernsey	crr	cir	cir	dirorr	49	48	•	3	<8.00	1	<21.00	0.0

19th November



Position	Date and Time	Observer	Wind Direc.	Wind Force	Weather	Temp. Air	Temp. Sea	
2	18th 10h.	Hibernia	SE'S	7	oR	49	51	6
3	19th 2h.	Arundel	ESE	3	orr	50	55	6

GENERAL INFERENCE.

The large anticyclone over Scandinavia is spreading slowly westward, while a complex depression remains off our south-west coasts. Wind will be easterly, strong in the north-east half of the country, and weather unsettled with a falling temperature.

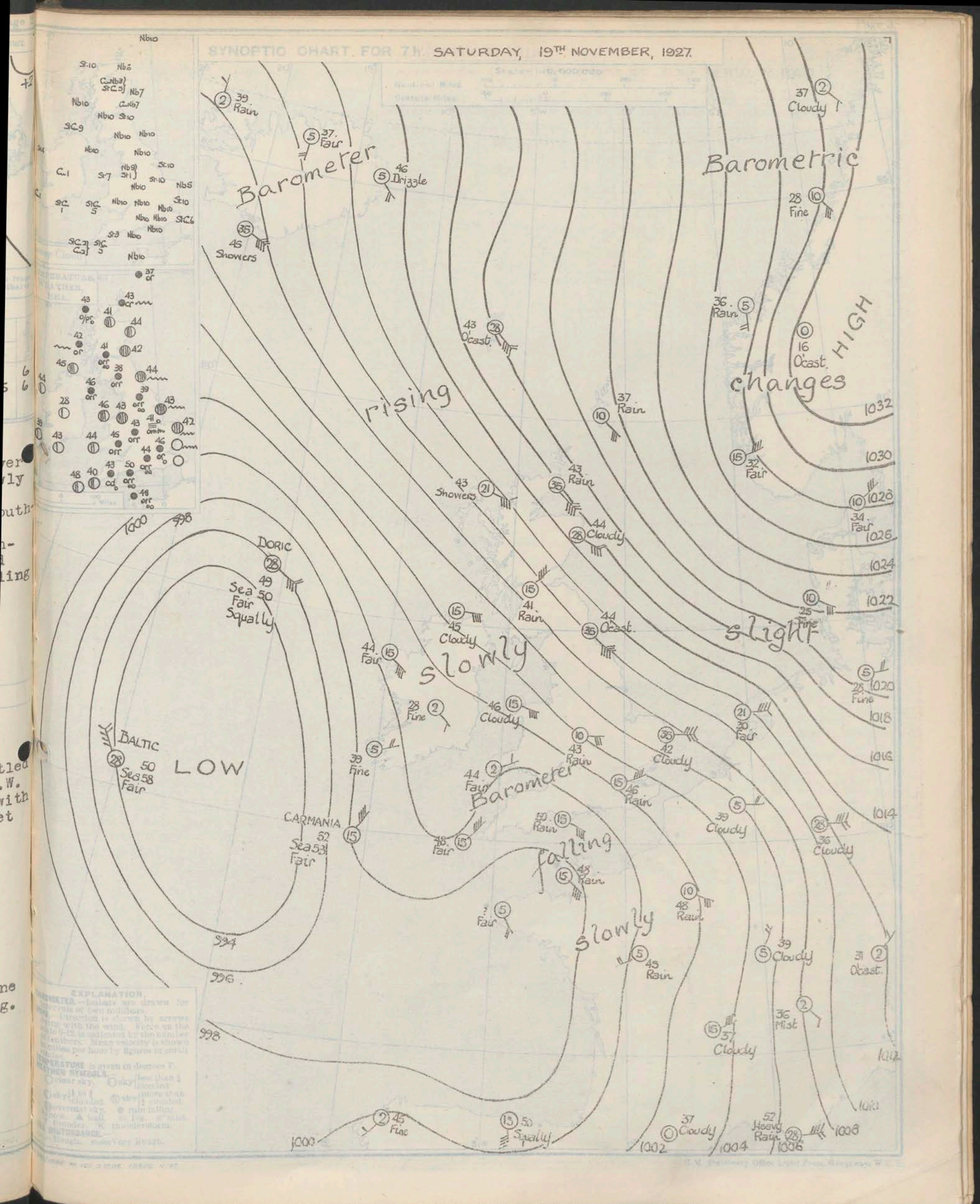
Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 19th November, 1927.

Districts.	Forecasts	Further Outlook.
1. S.E. England	Wind easterly, moderate or fresh; dull, rain at times; becoming colder.	Cold east winds. Unsettled except in N.W. districts, with perhaps sleet or snow in places.
2. E. England ▼		
3. E. Midlands	Wind east, strong, a gale locally on coast; mainly cloudy, occasional rain or sleet; cold.	
4. W. Midlands	Wind east, moderate or fresh; dull, rain at times; sleet locally later; colder.	
5. N.W. England	Wind mainly easterly, light or moderate; variable sky, occasional local rain or showers; moderate temperature.	
6. South Wales		
7. North Wales	Wind easterly, moderate to strong; cloudy, occasional rain, tending to improve; cold.	
8. N.W. England		
9. N. Midlands	As 3 - 4.	
10. N.E. England ▼	Wind S.E. to E., fresh or strong; cloudy, some showers of rain, hail, or sleet with snow on hills; cold.	
11. S.E. Scotland ▼		
12. S.W. Scotland ▼ Isle of Man	As 7 - 8.	
13. (A) W. Scotland ▼ (B) N.W. Scotland ▼	Wind S.E. to E., fresh; cloudy to fair; cold.	▼ South Cone still flying.
14. Shetlands		
15. N.E. Scotland ▼	As 10 - 11.	
16. Orkneys and Shetlands ▼		
17. N.W. Ireland	Wind S.E. to E., moderate or light; mainly fine but local showers; rather cold, frost locally at night.	
18. N.E. Ireland ▼	As 7 - 8.	
19. S.E. Ireland	As 17.	
20. S.W. Ireland		

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1000 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

‡ Trace = rain less than 0.1 mm.


SYNOPTIC CHART FOR 7h. SATURDAY, 19TH NOVEMBER, 1927.
Barometer rising slowly
Barometric changes slight
HIGH
LOW
Barometer falling slowly
DORIC
BALTIC
CARMANIA
1032
1030
1028
1026
1024
1022
1020
1018
1016
1014
1012
1010
1008
1006
1004
1002
1000
998
996
994

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Saturday, 19th November 1927. No. 323

Stations	Height above M.S.L. in feet	1h. G.M.T. 19th Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	7h. G.M.T. 19th Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	1020.8	+2	SE	5	c/ph.	40	85	7	4000	Nb	5	ASt	10	1021.1	+1	SE	3	or	37	97	7	4000	Nb	10	-	10	*
Stornoway	30	1009.4	+2	SE	6	c	*	*	6	*	*	*	*	*	1010.3	+2	ESE	5	ojpr.	43	92	6	1500	St	10	-	10	4
Wick	81	1014.5	+1	SE	7	c	44	65	8	1500	Nb	6	ASt	10	1015.5	+1	SE	7	cr	43	75	8	1500	Nb	6	ASt	10	7
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.9	+1	SE	6	or	42	92	6	800	Nb	10	-	10	6
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.5	*	ESE	3	c	41	85	8	4000	StCu	8	-	8	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.7	+1	ESE	6	c	44	85	7	1500	Nb	7	ASt	10	5
Malin Head	61	1003.4	+2	E	3	c	46	92	7	5700	StCu	8	-	8	1004.5	+1	E	4	c	45	85	7	5700	StCu	9	-	9	2
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.7	+1	NE	4	or.r.	41	85	6	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	190	1008.4	0	ESE	4	o	43	75	8	800	St	10	-	10	1009.9	0	E	4	o	42	75	8	800	St	10	-	10	3
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.8	0	ESE	6	c	44	65	8	2500	StCu	10	-	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	+1	ESE	6	orr	38	92	6	1500	Nb	10	-	10	*
Tynemouth	67	1009.7	+1	SE	6	o/r	44	85	8	1500	Nb	10	-	10	1010.3	+1	SE	7	o/r	44	75	7	1500	Nb	10	-	10	6
Blacksod Point	18	999.8	+2	SE	4	bc	46	75	8	*	St	3	-	3	1001.0	+2	SE	4	bc	44	85	8	*	St	4	-	4	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.7	+1	SE	7	orr	46	97	6	1500	Nb	10	-	10	5
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.3	*	SE	1	b-	28	92	7	3000	Cu	1	ACu	2	*
Holyhead	26	1002.6	0	E	3	o	45	87	6	2500	St	10	-	10	1002.4	+1	E'S	4	c	46	97	6	2500	St	7	ASt	10	3
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.8	+1	E	4	o/r	43	97	5	1500	Nb	10	-	10	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.1	+1	ESE	5	cr.r.	44	92	5	450	Nb	9	-	9	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.3	+1	E	4	or.r.	39	97	5	2500	Nb	10	-	10	*
Spurn Head	39	1007.1	0	ESE	7	o	44	85	6	2500	St	10	-	10	1006.5	0	ESE	8	o	43	92	6	4000	St	10	-	10	6
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.6	0	E	3	orr	43	92	5	800	Nb	10	-	10	*
Cranwell	236	1007.2	0	E	4	or.r.	42	97	5	800	Nb	10	-	10	1007.1	0	E	4	mmo	41	97	4	800	St	10	-	10	*
Gorleston	14	1007.3	-2	E'S	6	c	45	85	6	2500	StCu	5	ASt	10	1006.6	-2	E	7	c	42	92	6	800	Nb	5	ASt	10	6
Valentia (Cahirciveen) ℙ	30	1001.0	+1	SE	2	bv/r	43	97	9	-	-	0	-	0	1000.2	+1	E'N	2	b	39	92	8	4000	Cu	1	-	1	3
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.4	+1	NE	2	b	43	97	8	1500	StCu	1	-	1	4
Pembroke (St. Ann's H.)	150	1001.2	0	NNE	2	bc+	43	97	8	-	-	0	ASt	3	1000.0	-1	ENE	1	bc+	44	97	8	1500	StCu	5	ASt	7	1
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.5	0	E	3	orr	45	97	5	800	Nb	10	-	10	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.4	0	E'N	4	orr	43	97	5	800	Nb	10	-	10	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1000.6	-3	NNE	4	or.r.	44	92	6	800	Nb	10	-	10	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.2	-2	NE	4	or.r.	44	97	5	800	Nb	10	-	10	*
London (Kew Obsy.)	18	*	*	*	*	*	47	*	*	*	*	*	*	*	1001.8	-2	E'N	4	or.	46	92	4	800	Nb	10	-	10	*
Croydon	244	1004.0	0	ESE	3	or.r.	46	92	6	4000	St	10	-	10	1002.1	-1	NE'E	4	or.r.	45	92	5	800	Nb	10	-	10	*
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.8	0	E'S	4	o/r	46	92	6	1500	St	10	-	10	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.8	+1	E	6	o	45	92	6	4000	St	10	-	10	3
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.9	-2	E	6	o	45	92	6	2500	St	10	-	10	6
Lympne	350	1004.1	-2	ENE	4	or.	45	97	6	450	Nb	10	-	10	1001.9	-1	NE'E	5	mc	43	92	4	450	St	10	-	10	*
Scilly (St. Mary's)	163	1001.9	-1	SE	2	b	43	75	8	-	-	0	-	0	1000.0	-2	NE	4	bcv+	48	85	9	4000	StCu	4	-	4	2
Falmouth (Pendennis)	300	1000.8	0	N	2	bc	40	97	7	4000	StCu	3	-	3	999.5	-2	NNE	2	bc+	40	97	7	4000	StCu	5	-	5	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	998.7	-2	-	0	cd.	43	92	8	2600	St	3	ASt	8	0
Portland Bill	32	999.9	-1	ESE	3	or.r.	50	92	8	2500	Nb	10	-	10	998.1	-2	ESE	4	or.r.	50	97	6	1500	Nb	10	-	10	4
Southampton (Calshot)	10	1001.6	-1	SE'E	4	or.r.	49	92	7	1500	Nb	10	-	10	999.4	-4	ENE	4	or.r.	46	92	6	800	Nb	10	-	10	3
Dungeness	20	1003.6	-2	SE	5	or.r.	~~50~~	85	7	1500	Nb	10	-	10	1001.2	-1	E	4	c/r	46	92	6	2500	StCu	6	ASt	10	5
Guernsey (Fort George) ℙ	295	998.6	-2	-	0	odd	49	92	6	1500	Nb	10	-	10	997.8	-2	SE	4	or.r.	48	97	7	1500	Nb	10	-	10	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18th November

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 17th to 9h. 18th (4) °F.	Temperature Max. 9h.-17h. 18th (5) °F.	Rainfall† Night 17h.-9h. 17th-18th (6) mm.	Rainfall† Day 9h.-17h. 18th (7) mm.	Sunshine Sunrise to Sunset 18th (8) hr.
Berwick-on-Tweed	o	o	42	45	-	-	0.0
Douglas (I. o. M.)	or	orr	44	48	0.5	5	0.0
Llandudno	orr	or	43	47	-	13	0.0
Colwyn Bay	bbco	orr	44	46	-	5	0.0
Rhyl	co	or	43	44	-	2	0.0
Wallasey	o	orr	43	46	-	2	0.0
Southport	co	od	*42	47	-	trace	0.0
Blackpool	o	or	42	47	-	0.2	0.0
Ilkley	o	or.	32	45	0.3	0.1	0.0
Cleethorpes	ro	o	40	45	0.2	trace	0.0
Skegness	beco	o	45	45	trace	-	0.0
Aberystwyth	cr	rr	44	46	0.5	4	0.0
Bath	c	cr	44	48	trace	3	0.0
Cheltenham‡	oc	cor	43	46	0.3	0.3	0.0
Leamington Spa	o	o	40	45	-	-	0.0
Lowestoft	b	c	43	45	-	-	0.0
Felixstowe	cu-bc	mbcm	45	47	-	-	0.2
Harwich & Dovercourt	bc	bcm	44	47	-	-	1.0
Southend	bcc	oc	41	47	-	-	1.8
Ilfracombe	rr	ro	46	48	8	8	0.0
Bude	rr	rr	42	49	2	3	0.0
Penzance	cb	b	43	53	7	-	4.0
Paignton	oror	pom	41	47	11	8	0.0
Torquay	org	drcm	48	52	8	8	0.0
Jersey	cd	cd	44	49	-	3	0.0
Weymouth	or	rr	47	51	0.6	3	0.0
Bournemouth	or	rr	46	50	0.5	3	0.0
Ventnor	rc	or	46	50	0.5	2	0.1
Portsmouth (S'thsea)	c	cor	47	50	-	2	0.0
Bognor	cbcc	co	46	49	-	trace	0.7
Littlehampton	bcbc	cr	47	50	-	0.3	0.6
Worthing	cbc	cir	47	51	-	0.3	2.6
Brighton	bcc	coro	46	51	-	-	2.0
Eastbourne‡	bcc	coro	45	52	-	0.2	2.0
Hastings‖	bcc	cor	44	50	-	0.4	3.3
Folkestone	cbcc	cbco	41	50	-	trace	3.3
Dover	cbc	bdcr	42	49	-	trace	2.5
Tunbridge Wells	ocbc	bccp	41	50	-	0.3	2.0
Ramsgate	bcc	c	42	48	-	-	1.0
Margate	bc	bc	42	49	-	-	2.1
Deal	bcbcbc	co	41	48	-	-	[illegible]

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ℙ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24124 Sunday 20th November 1927.

Observations at 13h. G.M.T. 19th

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather	Temp. °F.	Humidity %	Visibility.§ 0–9	Cloud Low Height Feet	Low Form	Low Amt. 0–10	Upper Form	Total Amt. 0–10	State of ground
Lerwick	1022.4	0	SE	5	oh(r)	39	85	7	4000	Nb	10	–	10	•
Stornoway	1010.9	0	ESE	5	o/pr₀	43	85	6	2500	Nb	10	–	10	•
Wick	1016.0	+1	SE	7	c/pr₀	43	75	8	1500	Nb	8	ASt	10	•
Tiree	1008.2	+1	SE	6	or₀	43	85	6	1500	Nb	10	–	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1015.8	-1	ESE	6	cr	41	85	7	1500	Nb	6	ASt	10	2
Malin Head	1005.7	+1	E'S	~~4~~ 5	c	45	85	7	4000	StCu	9	–	9	•
Renfrew	1009.9	0	E	4	or₀	42	75	6	800	Nb	10	–	10	2
Edinburgh (Inchkeith)	1010.8	+1	E	4	ojp	43	75	8	800	Nb	10	–	10	•
Leuchars	1012.7	-1	SE	6	cr	42	85	7	1500	Nb	10	–	10	1
Eskdalemuir	1009.7	+1	ENE	6	o	39	75	6	1500	St	10	–	10	2
Tynemouth	1010.6	+1	ESE	6	o	43	75	8	1500	Nb	10	–	10	•
Blacksod Point	1001.8	+1	–	0	bc	48	85	8	*	St	3	–	3	•
Donaghadee	1005.5	+1	ESE	7	orr	45	92	6	1500	Nb	10	–	10	•
Birr Castle	1001.7	•	NNE	1	ffo	~~[illegible]~~ 37	97	2	<150	St	10	–	10	•
Holyhead	1002.6	-1	E	6	or₀r₀	44	92	6	4000	Nb	10	–	10	2
Liverpool (Bidston)	1003.0	-3	E'N	6	o	42	85	5	1500	Nb	10	–	10	•
Chester (Sealand)	1003.0	-2	E	5	o	43	85	6	800	St	10	–	10	2
Harrogate	1007.8	-1	E	4	c	40	85	7	2500	Nb	9	ASt	10	•
Spurn Head	1004.6	-3	E'S	7	o	43	85	6	2500	St	10	–	10	•
Birmingham (Edgbaston)	1002.0	-3	ENE	5	orr	40	97	3	800	Nb	10	–	10	2
Cranwell	1005.1	-4	E	4	o	41	97	6	450	St	10	–	10	2
Gorleston	1004.3	-2	ESE	7	orr	44	97	6	800	Nb	10	–	10	•
Valentia (Cahirciveen)	1000.4	-2	E'S	2	bc	51	75	8	2500	Cu	1	ACu	3	2
Roches Point	1000.6	-1	NE	3	bc	48	75	8	2500	StCu	4	ACu	5	•
Pembroke (St. Ann's H.)	999.0	-2	NNE	4	crr	46	97	7	1500	CuNb	10	–	10	•
Ross-on-Wye E'N	999.8	-2	~~[illegible]~~	3	orr	43	97	5	800	Nb	10	–	10	2
Leafield	999.7	-3	ENE	4	orr	42	97	5	800	Nb	10	–	10	2
Winchester (Worthy Dn.)	999.7	-3	ENE	3	orr	45	97	5	450	Nb	10	–	10	2
S. Farnborough	998.7	-4	E	3	orr	45	97	5	450	Nb	10	–	10	2
London (Kew Obsy.)	999.6	-4	E	4	odd	46	92	3	450	Nb	10	–	10	2
Croydon	999.8	-4	ENE	3	mmo	46	97	4	450	Nb	10	–	10	2
Shoeburyness	1000.5	-2	E'S	4	or₀r₀	47	97	6	1500	St	10	–	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1003.3	-2	ESE	5	or₀r₀	47	97	5	450	Nb	10	–	10	2
Lympne	1000.0	-2	E	5	c/r	47	85	5	450	St	10	–	10	2
Scilly (St. Mary's)	998.8	-2	N'E	4	c	50	85	7	4000	StCu	9	–	9	•
Falmouth (Pendennis)	996.6	-2	–	0	crr	46	92	6	2500	Nb	6	ASt	10	•
Plymouth (Cattewater)	996.2	-3	NE	3	cr₀r₀	47	9..	6	1500	Nb	9	ASt	10	2
Portland Bill	996.0	-2	SE	4	or₀r₀	50	97	6	1500	Nb	10	–	10	•
Southampton (Calshot)	997.9	-2	ENE	4	orr	47	97	6	800	Nb	10	–	10	1
Dungeness	998.7	-5	SSE	5	c/r	51	85	7	2500	StCu	8	ASt	10	•
Guernsey (Fort George)	997.0	-2	S	3	cr₀r₀	49	92	7	1500	Nb	8	ASt	10	•

Observations at 18h. G.M.T. 19th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0–12	Weather	Temp. °F.	Humidity %	Visibility.§ 0–9	Cloud Low Height Feet	Low Form	Low Amt. 0–10	Upper Form	Total Amt. 0–10	Sea 0–9
Lerwick	1021.9	0	SE	5	cjp	41	85	7	4000	Nb	5	ASt	9	•
Stornoway	1012.1	+2	ESE	5	o	43	75	7	2500	Nb	10	–	10	4
Wick	1016.5	0	SE	6	c/pr₀	44	65	8	1500	Nb	4	ASt	10	7
Tiree	1009.2	+1	E	5	bc	43	75	7	1500	CuNb	7	–	7	6
Nairn	1014.5	•	E	3	c	40	85	8	1500	St	8	–	8	•
Aberdeen	1016.2	+1	ESE	6	o/r	43	75	7	1500	Nb	10	–	10	6
Malin Head	1006.1	+1	E'S	5	cr₀	44	85	7	4000	StCu	9	–	9	4
Renfrew	1010.3	+1	E	4	c	42	65	6	1500	StCu	9	ASt	10	•
Edinburgh (Inchkeith)	1011.1	0	E	4	o	43	65	8	800	St	10	–	10	3
Leuchars	1013.1	+1	ESE	7	c/r	43	65	7	1500	Nb	10	–	10	•
Eskdalemuir	1010.3	+2	NE'E	4	c	37	75	7	2500	Cu	5	ASt	9	•
Tynemouth	1010.1	+1	E	6	o	43	85	7	1500	Nb	10	–	10	7
Blacksod Point	1002.1	0	E	4	b	47	85	6	•	St	2	–	2	1
Donaghadee	1005.6	0	E	8	cr₀	45	92	7	1500	Nb	9	–	9	5
Birr Castle	999.7	•	N	1	or₀r₀	42	97	4	800	Nb	10	–	10	•
Holyhead	1001.8	-1	E	6	or₀r₀	44	92	5	4000	Nb	10	–	10	6
Liverpool (Bidston)	1001.2	-2	ENE	5	or₀r₀	41	85	6	1500	Nb	10	–	10	•
Chester (Sealand)	1001.5	-2	E'N	4	orr	43	85	5	800	Nb	10	–	10	•
Harrogate	1006.1	-1	E	4	orr	39	97	7	2500	Nb	10	–	10	•
Spurn Head	1003.6	-1	E'S	8	orr	43	92	6	1500	Nb	10	–	10	7
Birmingham (Edgbaston)	1000.3	-1	E	4	orr	43	97	4	800	Nb	10	–	10	•
Cranwell	1003.6	-1	E'S	5	orr	43	97	6	450	Nb	10	–	10	•
Gorleston	1004.0	0	E	7	o	46	97	5	800	Nb	10	–	10	6
Valentia (Cahirciveen)	1000.1	0	E'S	2	bc	45	75	8	4000	Cu	1	ACu	7	0
Roches Point	999.2	-2	N	2	cr₀	45	97	8	800	StCu	9	–	9	1
Pembroke (St. Ann's H.)	996.3	-2	NE	4	orr	43	97	6	1500	St	10	–	10	1
Ross-on-Wye	998.6	-2	ENE	2	or₀r₀	44	97	5	450	Nb	10	–	10	•
Leafield	999.2	-1	ESE	3	orr	45	97	5	800	Nb	10	–	10	•
Winchester (Worthy Dn.)	999.7	+1	E'S	2	o/r	47	97	6	800	St	10	–	10	•
S. Farnborough	999.0	+1	ESE	2	o/d	47	97	7	800	St	10	–	10	•
London (Kew Obsy.)	1000.4	+2	SE	3	cr₀	48	97	5	800	Nb	10	–	10	•
Croydon	1000.2	+2	SE	3	o	48	92	6	450	Nb	10	–	10	•
Shoeburyness	1001.9	+1	E'S	4	o/r	48	92	6	1500	St	10	–	10	•
Clacton-on-Sea	1002.1	0	E	5	or	48	92	6	4000	St	10	–	10	4
Felixstowe	1003.3	+1	ESE	5	or	49	92	5	450	Nb	10	–	10	6
Lympne	1001.6	+2	SE	4	orr	49	85	6	800	Nb	10	–	10	•
Scilly (St. Mary's)	998.1	0	–	0	bc	46	97	8	4000	StCu	5	–	5	2
Falmouth (Pendennis)	995.4	0	–	0	c–	46	97	6	2500	CuNb	2	ASt	8	0
Plymouth (Cattewater)	995.4	0	E	3	or₀	47	97	6	1500	Nb	10	–	10	0
Portland Bill	996.3	0	SE'E	3	or₀r₀	50	97	6	1500	Nb	10	–	10	1
Southampton (Calshot)	998.3	+1	SSE	4	c/r₀	49	92	8	1500	Nb	9	–	9	•
Dungeness	1001.2	+2	SSE	5	cd₀	52	85	7	2500	StCu	10	–	10	5
Guernsey (Fort George)	997.6	+1	S	3	bc	49	85	8	2500	CuNb	6	–	6	3

London Observations.	Heights above M.S.L. in feet	Weather (24 Hours ended 9h.) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall† mm. Day	Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	b₀mdf	orf cf	bcpbc₀	49	46	43	3	·6	0·0	*	*	
Croydon } 24 hours ended 7h.	244	bc₀r₀r	bddrr	rr₀b c₀	48	45	40	4	1	0·0	•	•	
Greenwich (Royal Obsy.)	149	cd	cdrd	cdpb₀	48	41	32	1	·3	0·0	96	97	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•		•	•	•
Westminster (St. James' Pk.)	27	•	•	•	50	43	34	1·9					•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	0·0	•	•	•
Camden Square	110			•	48	43	42	0·1	–	•	•	96	•
Kensington Palace	80	odr	odr	•	48	43	42	3	·6	•	(At 18h) 100	100	•
Hampstead Observatory	450	•	•	•						• •	•		•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 20th

South Kensington

Max.	Time.	Min.	Time.
2.0	15h 19th	<0.3	2h 20th

Kew Observatory

Max.	Time.	Min.	Time.
0.4	15h 19th	<0.3	3h 20th

Pole Star Record at Greenwich Obsy.

Exposure from 19th 17 h. 00 m. to 20th 6 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	13.30	5.30	42
δ Ursae Minoris	13.30	4.32	34

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

20th & 21st November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.24 7.26	11.39 11.39	15.52 15.51
Greenwich	7.27 7.29	11.45 11.46	16.4 16.2
Wick	8.13 8.15	11.58 11.58	15.42 15.40
Valentia	8.10 8.11	12.26 12.27	16.43 16.42

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

Symbols.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.
0=no swell } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell } Moderate
4=mod. swell } sea.
5=heavy swell }
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1–3
2	4–7
3	8–12
4	13–18
5	19–24
6	25–31
7	32–38
8	39–46
9	47–54
10	55–63
11	64–75
12	Above 75

§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3⅛ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

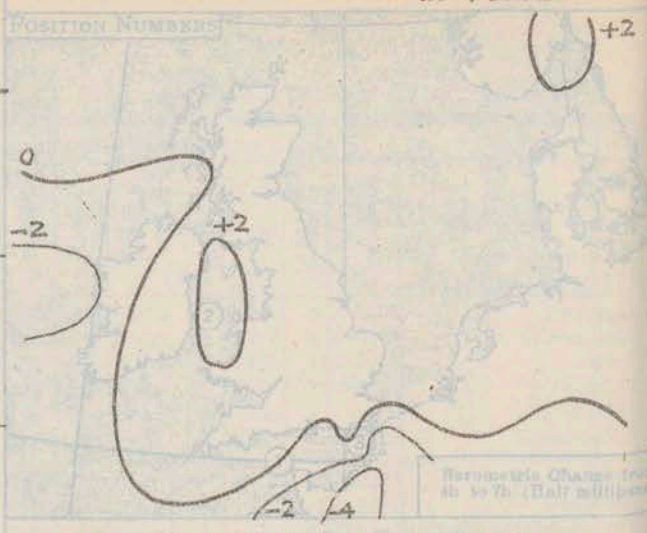
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

20th November

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h.	Weather. 13h.-18h.	Weather. 18h. to 1h.	Weather. 1h.-7h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall. Day. mm.	Day. 7h.-18h. began.	Night. mm.	Night. 18h.-7h. began.	Sun 1927 Hours.
Lerwick	coihr	cpr	oihq	ocprhq	41	37	.	2	<8.00	3	<21.00	0.2
Stornoway	p	c	c	b	44	40	.	0.5	*	-	*	0.0
Wick	irpr	cpr q	cprh	cprc	44	40		1	<8.00	1	<21.00	.
Tiree	rrqo	rr o	oq	oq	44	42	39	2	<8.00	-	-	0.0
Nairn	c	c	c	c	42	38	.	-	-	-	-	0.0
Aberdeen	coirh	coirh	oirhc	cprh	44	40	38	2	<8.00	0.1	<21.00	0.0
Malin Head	c	cr	c	cb	46	43	.	0.3	14.30	Trace	24.00	0.0
Renfrew	orrq	om c	cz q	orrq	43	40	38	1	<8.00	2	24.00	0.0
Edinburgh (Inchkeith)	o	o	o		44	40	39	-	-	-	-	0.0
Leuchars	pcor	cip	cop	co, r	45	40	38	0.5	<8.00	1	<21.00	0.0
Eskdalemuir	orom	om c	cm	oir	39	37	36	1	<8.00	0.4	4.30	0.0
Tynemouth	oq	oq	oirq	orrq	44	41	38	-	-	4	<21.00	.
Blacksod Point ...	b	b-bc	o	o	49	44	.	-	-	-	-	.
Donaghadee	orrz	rrir	cir	cir	47	43	.	4	<8.00	2	<21.00	.
Birr Castle	bcfo	offr	orr	crr	42	42	41	0.5	16.30	3	<21.00	0.0
Holyhead	irm	r oq	r orm	ocrm	48	43	43	6	9.00	1	<21.00	0.0
Liverpool (Bidston) ...	rr p	oq r	op	m	43	40	40	3	<8.00	2	<21.00	0.0
Chester (Sealand) ...	orrm	orrm	crr m	cir m	44	43	40	6	<8.00	1	<21.00	0.0
Harrogate	or oc	corr	orr	ofrd	43	39	38	0.6	<8.00	14	<21.00	0.0
Spurn Head	o	orr	r-d	o	43	42		2	15.30	3	<21.00	0.0
Birmingham (Edgbaston)	r r r	mor	orpr	oc	43	42	42	9	<8.00	2	<21.00	0.0
Cranwell	o	r-d	rr id	r om	43	42	42	5	13.30	6	<21.00	0.0
Gorleston	corrq	orroq	cq	cq	46	45	42	2	11.00	-	-	0.0
Valentia (Cahirciveen)	bx bc	bc	bx od	oro	52	41	30	Trace	-	4	22.00	6.4
Roches Point	bc	bcc ir	cr r	cir	49	42	.	Trace	17.30	4	<21.00	.
Pembroke (St. Ann's H.)	orrm	orrm	orr	bc	48	42	.	3	11.00	5	<21.00	0.0
Ross-on-Wye	rr	rrdr	r mor	ir oc	45	43	39	25	<8.00	3	<21.00	0.0
Leafield	orr	orr	cir	cpr	45	43	41	11	<8.00	2	<21.00	0.0
Winchester (Worthy Dn.)	crrm	orrorm	bcc	orrobc	47	43	37	9	<8.00	4	<21.00	0.0
S. Farnborough ...	orrm	orrmdo	cr	crbcc	47	42	34	9	<8.00	7	<21.00	0.0
London (Kew Obsy.) ...	orm	orfcf	bcpbm	bccr	49	46	43	3	<8.00	0.6	<21.00	0.0
Croydon	orr	rromdd	rm r b	cr m	48	45	40	4	<8.00	1	<21.00	0.0
Shoeburyness	or	or	or	bcr	48	43	39	0.4	<8.00	Trace	1.30	0.0
Clacton-on-Sea ...	orr	orr	orroq	oq	49	44	40	3	11.00	0.6	<21.00	0.0
Felixstowe	orr	or r	orc	cm	49	47	45	3	9.00	Trace	<21.00	0.0
Lympne	orm c	corrm	d c b	bbccm	49	42	39	2	9.00	0.1	<21.00	0.0
Scilly (St. Mary's) ...	bcc	cbc	bc	bcp	51	44	.	-	-	0.2	1.30	2.5
Falmouth (Pendennis)	cm rr	cm rr	cm bc	bc	48	45	.	4	9.00	-	-	0.0
Plymouth (Cattewater)	crrr	cr rm	or cbrb	bcbr	48	43	40	8	<8.00	2	<21.00	0.0
Portland Bill	orr z	orr	ir o	orrcp	51	48	.	6	<8.00	4	<21.00	.
Southampton (Calshot)	orr m	orrm	r-d	c	49	46	43	7	<8.00	0.5	<21.00	0.0
Dungeness	c-cr	prorid	cbcb	bbcc	52	48	.	1	<8.00	Trace	<21.00	.
Guernsey	orr	r cbc	bccorro	or cv	50	47	.	3	<8.00	1	<21.00	0.1



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	19th 10h	Hibernia	E	5	r	50	53
3	20th 2h	Dieppe	5	5	bcsp	49	54

GENERAL INFERENCE.

The anticyclone over Scandinavia persists and there is a complex area of low pressure from Greenland to the Bay of Biscay. An intense depression centred over Northern Spain is moving northeast. Winds will be mainly easterly, strong to a gale locally in the North and East, and weather will continue generally unsettled.

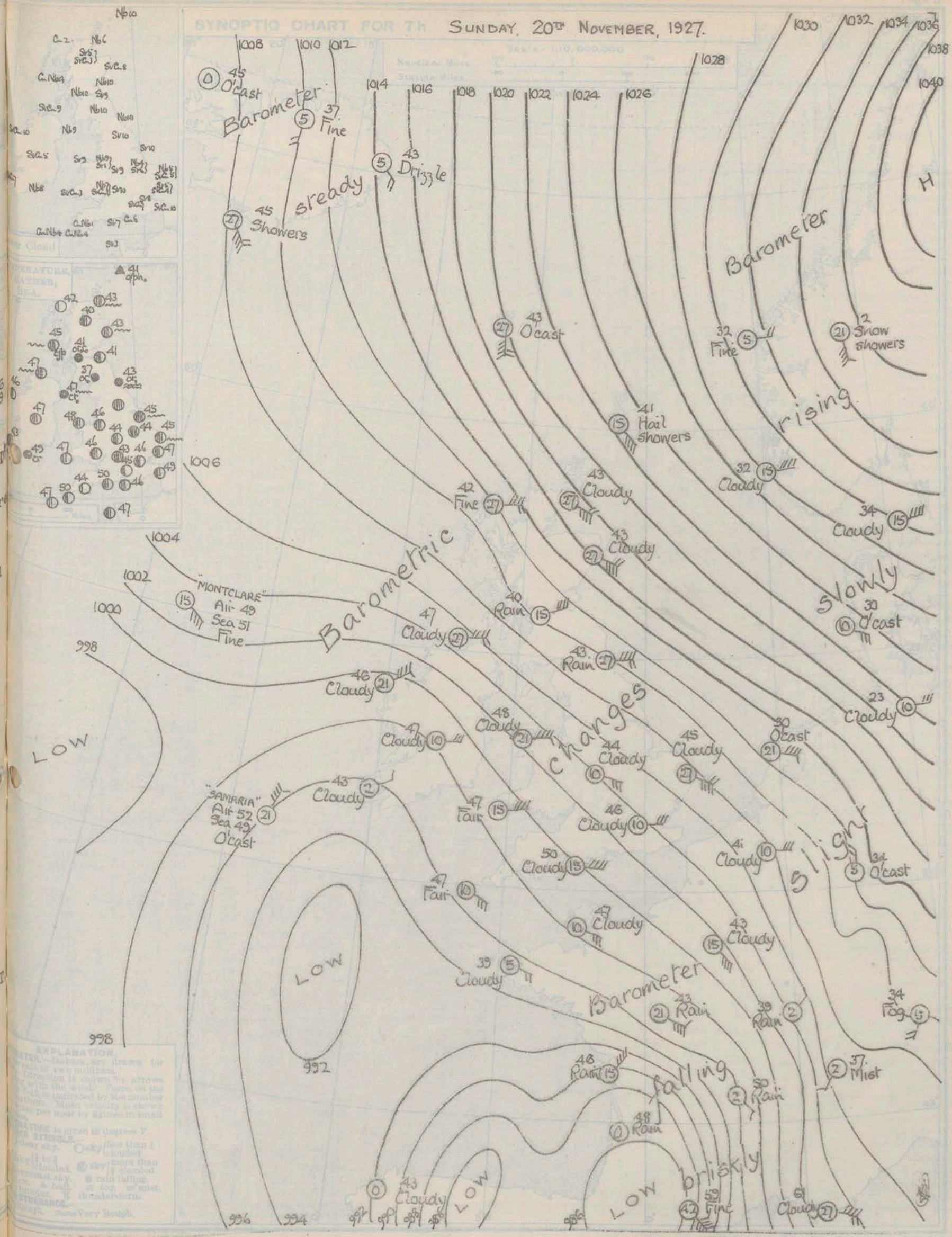
Sunday, 20th November, 1927.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England ▲ 2. E. England ▼ 3. E. Midlands	Wind S.E. to E., moderate to strong, reaching gale force locally; dull, rainy, mist locally; moderate or rather low temperature.	Easterly winds and unsettled weather.
4. W. Midlands 5. S.W. England ▲ 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Wind easterly, moderate to strong; cloudy, some rain, moderate or rather low temperature.	▼ South Cone still flying. ▲ North Cone hoisted 1030 GMT 20.11.27.
10. N.E. England ▼ 11. S.E. Scotland ▼	Wind easterly, fresh or strong; cloudy, some rain or showers, perhaps hail or sleet locally, and snow on the hills; cold.	
12. S.W. Scotland ▼ Isle of Man	Wind easterly, moderate to strong; cloudy, occasional rain or showers; rather cold.	
13. A. W. Scotland ▼ B. N.W. Scotland ▼	Wind southeast to east, moderate to strong; mainly fair, perhaps local showers; cold.	
14. Argyll 15. N.E. Scotland ▼ 16. Orkneys and Shetlands ▼	As 10 - 11.	
17. N.W. Ireland	As 19 - 20.	
18. N.E. Ireland ▼	As 12.	
19. S.E. Ireland 20. S.W. Ireland	Wind east to northeast, moderate to fresh; cloudy, some rain or showers; rather cold.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1130 G.M.T. G. C. SIMPSON, F.R.S., Director.

(Fog again see page 1)

* Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h SUNDAY, 20TH NOVEMBER, 1927.
Barometer steady
Barometer rising slowly
Barometer changes slightly
Barometer falling briskly
Barometer
LOW
LOW
LOW
LOW
H
"MONTCLARE" Air 49 Sea 51 Fine
"SAMARIA" Air 52 Sea 49 O'cast
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
1038
1040
1006
1004
1002
1000
998
996
994
992

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday 20th November 1927. No. 324...

Observations at 1h. G.M.T. 20th

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10
Lerwick	54	1022.5	0	SE	6	or	38	92	7	4000	Nb	10	-	10
Stornoway	30	1012.5	0	SE	5	c	*	*	6	*	*	*	*	8
Wick	81	1017.3	0	ESE	6	cr	43	75	8	1500	Nb	6	asc	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1005.5	-1	ENE	7	cr	45	85	7	4000	Sc Cu	9	-	9
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1011.6	0	E	4	o	41	85	8	800	Sc	10	-	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1009.6	0	ESE	6	or	43	97	6	1500	Nb	10	-	10
Blacksod Point	18	1002.0	-1	NE	5	c+	45	85	6	*	Sc Cu	10	-	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1000.8	0	E'N	5	o	47	92	6	2500	Sc	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1005.5	+1	ESE	7	or	45	92	6	2500	Nb	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1005.3	+2	ESE	4	o/d	44	97	5	450	Nb	10	-	10
Gorleston	14	1006.8	+1	ESE	6	c	47	92	6	2500	Nb	6	asc	10
Valentia (Cahirciveen) ‖	30	1000.3	-2	SSE	2	mo	45	97	7	-	Sc	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	997.3	0	SW'W	3	bc/r	50	92	8	1500	Sc Cu	5	-	5
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	250	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	47	*	*	*	*	*	*	*
Croydon	244	1003.3	+2	E	2	cr	48	92	7	1500	Sc	9	-	9
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1004.5	+3	SE	4	b	46	92	6	800	Sc	1	-	1
Scilly (St. Mary's)	163	997.7	0	SE	2	bc	45	92	9	4000	Sc Cu	4	-	4
Falmouth (Pendennis)	200	997.2	+1	S	4	bc	49	85	8	4000	Sc Cu	4	-	4
Plymouth (Cattewater)	83	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	57	999.0	+1	SSE	4	o	51	85	8	2500	Sc	10	-	10
Southampton (Calshot)	10	1001.2	+2	SE'E	3	bc-	49	85	8	2500	Sc	2	asc	4
Dungeness	20	1004.0	+3	SSE	5	b-	50	85	8	1500	Cu	2	-	2
Guernsey (Fort George) ‖	295	1000.7	+3	SE	2	c	48	92	8	4000	Sc Cu	8	-	8

Observations at 7h. G.M.T. 20th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1022.5	0	SE	4	o/ph	41	75	8	4000	Nb	10	-	10	*
Stornoway	1011.2	0	E	6	b-	42	75	7	4000	Cu	2	-	2	5
Wick	1016.6	0	ESE	6	c	43	75	8	1500	Nb	6	asc	10	7
Tiree	1008.1	0	E'S	6	c/p	45	75	7	1500	Cu Nb	4	asc	10	6
Nairn	1014.3	*	E	2	c	40	65	7	1500	Sc	8	-	8	*
Aberdeen	1016.4	+1	ESE	6	c	43	75	7	2500	Sc Cu	8	-	8	6
Malin Head	1004.6	0	E	6	c	47	92	7	5700	Sc Cu	9	-	9	6
Renfrew	1010.0	+1	ENE	4	or	41	85	6	450	Nb	10	-	10	*
Edinburgh (Inchkeith)	1011.2	0	E	4	c	41	85	8	800	Sc	9	-	9	2
Leuchars	1013.6	+1	ESE	6	or	40	92	6	800	Nb	10	-	10	*
Eskdalemuir	1009.7	+1	ENE	4	o	37	92	7	1500	Nb	10	-	10	*
Tynemouth	1009.6	0	E	6	o	43	92	7	1500	Nb	10	-	10	8
Blacksod Point	999.2	-2	NE	5	c	46	92	6	*	Sc Cu	10	-	10	4
Donaghadee	1004.7	+2	ESE	7	cr	47	92	7	1500	Nb	9	-	9	6
Birr Castle	997.2	*	E	3	c	47	92	6	2500	Sc Cu	5	ac	8	*
Holyhead	1002.0	+2	E	5	c	48	92	6	2500	Sc	9	-	9	5
Liverpool (Bidston)	1003.9	+1	E'N	4	o	46	92	5	1500	Nb	10	-	10	*
Chester (Sealand)	1003.1	+1	ESE	4	c/r	47	92	5	1500	Sc	10	-	10	*
Harrogate	1008.0	+1	E	4	od	42	97	2	4150	Sc	10	-	10	*
Spurn Head	1006.4	+1	ESE	7	o	45	92	6	2500	Sc	10	-	10	7
Birmingham (Edgbaston)	1004.0	+1	ESE	3	c-	44	92	7	800	Sc	9	-	9	*
Cranwell	1006.3	+2	E'S	4	o	44	97	5	800	Sc	10	-	10	*
Gorleston	1007.1	0	ESE	6	c	45	92	6	2500	Nb	10	-	10	6
Valentia (Cahirciveen) ‖	996.0	-1	NE	1	c/r	43	92	8	2500	Sc Cu	7	asc	9	3
Roches Point	997.2	0	SE	3	cr	49	92	8	1500	Nb	8	-	8	4
Pembroke (St. Ann's H.)	998.6	+1	E	4	bc	47	97	8	2500	Sc Cu	3	asc	4	1
Ross-on-Wye	1001.7	0	ESE	4	c	46	92	7	2500	Nb	8	-	8	*
Leafield	1003.0	+1	E	5	c-	43	97	6	800	Sc	10	-	10	*
Winchester (Worthy Dn.)	1001.9	+1	E	3	bc	45	92	8	2500	Sc Cu	6	-	6	*
S. Farnborough	1002.7	0	E'S	2	c	44	97	7	1500	Sc Cu	7	asc	9	*
London (Kew Obsy.)	1003.5	0	E	3	c	46	92	6	1500	Sc	8	asc	10	*
Croydon	1003.5	0	E'N	2	c	45	92	6	1500	Sc	9	-	9	*
Shoeburyness	1005.4	0	E	4	bc/r	44	97	6	2500	Sc Cu	5	-	5	*
Clacton-on-Sea	1005.5	0	E	4	o	45	92	6	4000	Sc	10	-	10	4
Felixstowe	1005.1	0	ESE	4	c	47	92	6	1500	Sc	9	-	9	5
Lympne	1003.2	-2	ENE	3	c	43	97	5	-	-	0	Cu Cu	9	*
Scilly (St. Mary's)	997.7	0	ESE	3	bc	47	85	8	4000	Cu Nb	4	-	4	2
Falmouth (Pendennis)	997.0	0	SE'E	4	bc+	50	75	8	4000	Cu Nb	4	asc	5	1
Plymouth (Cattewater)	998.4	0	E	3	b-	44	97	7	2500	Cu Nb	1	asc	2	0
Portland Bill	999.0	0	E'S	4	c	50	92	8	1500	Sc	7	asc	10	1
Southampton (Calshot)	1000.9	0	NE	3	c	46	92	7	1500	Cu	6	asc	8	0
Dungeness	1002.7	0	SSE	3	c+	48	92	7	2500	Sc Cu	10	-	10	3
Guernsey (Fort George) ‖	999.1	-2	ESE	3	c	47	92	9	1500	Sc	3	asc	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19th November

Stations	Weather Forenoon	Weather Afternoon	Temp. Min. 9h. 18th to 9h. 19th °F	Temp. Max. 9h. 18th to 9h. 19th °F	Rainfall† Night 17h.-9h. 18th mm.	Rainfall† Day 9h.-17h. 18th mm.	Sunshine Sunrise to Sunset 18th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	c	c	43	44	-	-	0.0
Douglas (I. o. M.)	or	or	43	45	19	1	0.0
Llandudno	od	or od	43	48	11	1	0.0
Colwyn Bay	rr p	od o	43	45	13	1	0.0
Rhyl	or	or	43	44	1	0.6	0.0
Wallasey	ro	od	42	43	18	1	0.0
Southport	o	od	42	43	7	0.1	0.0
Blackpool	o	o	42	42	12	-	0.0
Ilkley	od	go	37	41	8	0.1	0.0
Cleethorpes	o	oro	42	43	0.2	2	0.0
Skegness	o	od	42	44	2	2	0.0
Aberystwyth	oir	iro	44	47	3	1	0.0
Bath	rr	rr	45	46	12	13	0.0
Cheltenham‖	or	or	43	47	8	5	0.0
Leamington Spa	or	od	42	46	10	2	0.0
Lowestoft	c. cr	c. cir	41	46	-	1	0.0
Felixstowe	om	mir	44	53	1	3	0.0
Harwich & Dovercourt	c	cor	44	48	0.6	3	0.0
Southend	r	ro oc	43	48	3	1	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	dd	dd	42	48	1	3	0.0
Bude	ro ro	ro ro	35	47	0.2	3	0.0
Penzance	c	c ro	38	50	-	0.3	0.0
Paignton	orq	orpmq	42	?	7	7	0.0
Torquay	orm	orpmoq	42	50	7	7	0.0
Jersey	cd	bc	46	52	2	0.1	0.7
Weymouth	rr	cr	45	50	7	7	0.0
Bournemouth	r	r	44	49	15	12	0.0
Ventnor	or	or	45	49	14	7	0.0
Portsmouth (S'thsea)	orr	orr	46	49	14	7	0.0
Bognor	d.rr	rr	45	50	7	7	0.0
Littlehampton	or	cr	45	49	5	8	0.0
Worthing	cro	orc	45	49	5	8	0.0
Brighton	orr	orr	45	51	4	6	0.0
Eastbourne	ro orr	rro	47	51	3	4	0.0
Hastings‖	omrd	oprq	45	51	3	1	0.0
Folkestone	opr	opr	45	51	3	0.6	0.0
Dover							
Tunbridge Wells	or	ro	42	49	3	3	0.0
Ramsgate	odc	o	43	51	1	0.3	0.0
Margate	cr	cd	43	51	0.4	1	0.0
Deal	od o	od o	41	60	0.3	0.3	0.0

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* Information not usually received. ‖ The observations at 18h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24105 Monday 21st November 1927. Page 1.

Observations at 13h. G.M.T. 20th ... Observations at 18h. G.M.T. 20th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1023·1	0	SE	4	cjp	39	92	8	4000	Nb	5	ASt	9	•	1023·9	0	SE	6	bcjp	39	92	7	4000	CuNb	4	–	4	•
Stornoway	1012·0	+1	ESE	5	b	45	75	9	4000	Cu	2	–	2	•	1013·3	+2	ESE	6	b	44	75	8	4000	Cu	2	–	2	5
Wick	1017·0	0	ESE	6	c	43	75	8	1500	Nb	6	ASt	10	•	1018·6	+2	SE	6	crs	43	75	8	1500	Nb	8	ASt	10	7
Tiree	1009·5	+1	E	5	cjp	44	85	9	2500	CuNb	3	ASt	10	2	1010·5	+1	E'S	5	bc	43	85	9	2500	Cu	3	ACu	7	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·9	•	ESE	2	c	39	85	8	1500	St	8	–	8	•
Aberdeen	1017·1	+1	SE'E	6	cf$_0$	41	85	7	1500	Nb	9	–	9	2	1017·8	+1	ESE	6	or	40	92	7	1500	Nb	10	–	10	6
Malin Head	1006·3	+1	E	6	c	47	92	7	5700	StCu	9	–	9	•	1008·1	+2	ENE	6	c	47	85	7	5700	StCu	6	ASt	10	6
Renfrew	1010·8	0	E	5	cf$_0$	41	85	6	800	Nb	7	ASt	10	2	1011·6	+1	E	5	cf$_0$	41	85	6	1500	StCu	9	–	9	•
Edinburgh (Inchkeith)	1012·1	0	E	4	c-	41	85	8	800	St	8	ACu	10	•	1012·5	0	E	3	c	41	85	8	800	St	7	ACu	9	2
Leuchars	1014·3	0	ESE	6	of$_0$f$_0$	41	85	7	800	Nb	10	–	10	2	1014·3	+1	ESE	6	of$_0$f$_0$	41	85	7	800	Nb	10	–	10	•
Eskdalemuir	1010·2	-1	ENE	5	od$_0$	38	97	7	1500	St	10	–	10	2	1010·9	+1	ENE	5	od$_0$	38	92	6	800	St	10	–	10	•
Tynemouth	1000·4	0	E	4	of	43	92	7	1500	Nb	10	–	10	•	1010·5	+1	E	6	o	43	92	7	1500	Nb	10	–	10	8
Blacksod Point	1000·7	+1	NE	3	bc	52	75	8	^	Cu	5	–	5	•	1003·2	+1	NE	4	c	48	85	7	•	StCu	8	–	8	4
Donaghadee	1006·3	+2	ESE	7	c+	47	97	7	4000	StCu	8	–	8	•	1007·1	+1	ESE	8	c+	46	92	7	4000	StCu	10	–	10	5
Birr Castle	1000·6	•	SE	2	c	50	75	7	2500	Cu	8	–	8	•	1001·1	•	SE	2	c	45	92	7	1500	Nb	5	ACu	8	•
Holyhead	1003·9	+1	E'S	5	c	49	85	6	4000	St	9	–	9	2	1003·2	0	EN	7	c	45	85	6	1500	St	7	ASt	10	6
Liverpool (Bidston)	1004·7	0	E	5	mmc	45	85	4	1500	Nb	9	–	9	•	1003·7	0	E	6	c/m	41	92	6	1500	St	10	–	10	•
Chester (Sealand)	1004·3	0	ESE	5	c	46	85	6	1500	St	10	–	10	2	1003·6	-1	ENE	5	of$_0$	42	85	5	1500	St	10	–	10	•
Harrogate	1008·9	0	EN	4	od$_0$d$_0$	39	97	5	2500	St	10	–	10	•	1007·3	-1	NE	4	o	39	97	6	2500	Nb	10	–	10	•
Spurn Head	1007·0	0	ESE	7	o	42	92	6	2500	St	10	–	10	•	1003·6	-2	E'S	8	o	43	85	6	2500	Nb	10	–	10	7
Birmingham (Edgbaston)	1003·7	0	E	4	o	44	92	5	1500	St	10	–	10	2	1000·9	-3	ENE	5	orr	42	92	5	1500	Nb	10	–	10	•
Cranwell	1006·8	0	ES	5	o	41	97	5	800	St	10	–	10	2	1004·3	-3	EN	5	o	41	97	5	450	St	10	–	10	•
Gorleston	1005·9	-2	E	6	c	44	92	6	2500	Nb	10	–	10	•	1003·6	-1	E	8	c	43	92	6	1500	Nb	6	ASt	10	7
Valentia (Cahirciveen)	997·3	+1	E	3	c	48	85	8	2500	StCu	8	–	8	2	999·5	+4	EN	3	b	47	75	8	2500	St	2	–	2	2
Roches Point	998·4	+1	SE	3	bc	52	85	8	1500	StCu	5	CiCu	7	•	999·3	+1	SE	3	bc	45	97	8	1500	Cu	4	–	4	1
Pembroke (St. Ann's H.)	999·2	0	ENE	5	c+	49	92	8	2500	Cu	8	–	8	•	997·4	0	NE	5	c	47	85	7	1500	StCu	7	ASt	9	1
Ross-on-Wye	1001·1	-1	EN	3	c	46	85	6	2500	StCu	10	–	10	2	997·8	-4	NEE	5	orr	43	92	6	1500	Nb	10	–	10	•
Leafield	1001·4	-2	E'N	5	c	44	97	6	800	St	9	ASt	10	2	997·5	-6	NE	5	of$_0$f$_0$	41	97	5	800	Nb	10	–	10	•
Winchester (Worthy Dn.)	999·7	-4	NE	4	o	46	92	6	800	St	10	–	10	2	994·7	-5	NEN	6	orr	44	92	6	800	Nb	10	–	10	•
S. Farnborough	999·5	-5	ENE	4	o	46	92	5	450	St	10	–	10	2	995·1	-5	ENE	5	odd	43	92	5	220	Nb	10	–	10	•
London (Kew Obsy.)	1000·3	-6	EN	5	m(c)	47	85	4	800	St	9	ASt	10	2	996·3	-5	ENE	5	orr	44	92	5	800	Nb	10	–	10	•
Croydon	1000·6	-5	NEE	5	o	45	85	6	800	Nb	10	–	10	2	996·7	-4	NEE	5	orr	43	97	4	450	Nb	10	–	10	•
Shoeburyness	1001·7	-1	E'S	4	o	47	92	6	1500	St	10	–	10	•	998·2	-3	E	5	of$_0$+	45	97	4	1500	St	10	–	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	999·7	-4	ENE	6	orr	44	97	6	4000	St	10	–	10	8
Felixstowe	1003·5	-4	ENE	5	c	46	92	5	1500	StCu	10	–	10	1	1000·8	-5	ENE	6	of$_0$	44	85	5	450	St	10	–	10	0
Lympne	1000·1	-6	NEE	5	of$_0$f$_0$	45	85	5	800	Nb	10	–	10	2	995·7	-4	NE	6	orr	44	97	4	220	Nb	10	–	10	•
Scilly (St. Mary's)	997·3	0	EN	3	c⊕	50	92	8	4000	CuNb	5	CiSt	8	•	995·2	-2	NNE	5	c	49	92	8	4000	Cu	9	–	9	2
Falmouth (Pendennis)	996·3	-2	ENE	6	c	51	85	8	4000	CuNb	4	ASt	10	•	993·0	-3	NNE	6	orr	46	97	6	2500	Nb	10	–	10	4
Plymouth (Cattewater)	995·9	-4	NE	4	c+	50	75	8	4000	Cu	1	ASt	9	2	991·7	-5	NE	5	of$_0$f$_0$	47	85	6	1500	Nb	10	–	10	1
Portland Bill	995·5	-5	NE	5	c	49	85	6	1600	StCu	6	ASt	10	•	989·5	-6	NE	7	of$_0$f$_0$	48	92	6	1500	Nb	10	–	10	6
Southampton (Calshot)	997·9	-6	NNE	5	c	47	85	6	2500	Cu	4	ASt	10	0	992·6	-5	NE	6	of$_0$f$_0$	46	92	6	800	Nb	10	–	10	3
Dungeness	999·2	-6	E	6	of+	45	92	6	800	Nb	10	–	10	•	993·5	-7	E	8	oRR	45	92	6	800	Nb	10	–	10	7
Guernsey (Fort George)	992·1	-9	ENE	8	cf$_0$f$_0$	50	85	7	1500	St	10	–	10	•	981·2	-2	ESE	7	orr	49	92	6	800	Nb	10	–	10	7

stet

London Observations.	Height above M.S.L. in feet.	Weather Morning. (24 hours ended 9h.)	Weather After-noon.	Weather Night.	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 13h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day	Visibility 9h.
Kew (24 hours ended 7h.)	18	cmcmq	of f m$_0$q	of r$_0$f$_0$m$_0$	49	43	43	2	7	0·0	•	•	4
Croydon (24 hours ended 7h.)	244	cmo$_2$o	of f f m	of r f o m	46	43	41	3	8	0·0	•	•	5
Greenwich (Royal Obsy.)	149	o	orr	orr o	47	43	41	5	9	0·0	97	88	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	48	43	38	12		0·0	85	91	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0·0	•	90	•
Camden Square	110	o	oop	•	46	42	42	3	9	•	(At 15h) 91	84	•
Kensington Palace	80	or	or	•	47	42	41	2	9	•	•	97	•
Hampstead Observatory	450	•	•	•	45	39	34	9	2	0·0	•	•	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 21st

South Kensington Max.	Time.	Min.	Time.
1·2	14h 20th	<0·3	3h 21st

Kew Observatory Max.	Time.	Min.	Time.
0·3	10h 20th	<0·3	2h 21st

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 17h 00m to 21st 6h 30m

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13·30	NIL	–
δ Ursae Minoris	13·30	NIL	–

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

21-22 Nov., 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.26	11.39	15.51
	7.28	11.39	15.50
Greenwich	7.29	11.46	16.2
	7.30	11.46	16.1
Wick	8.15	11.58	15.40
	8.18	11.58	15.38
Valentia	8.11	12.27	16.42
	8.13	12.27	16.40

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense: suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; – = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

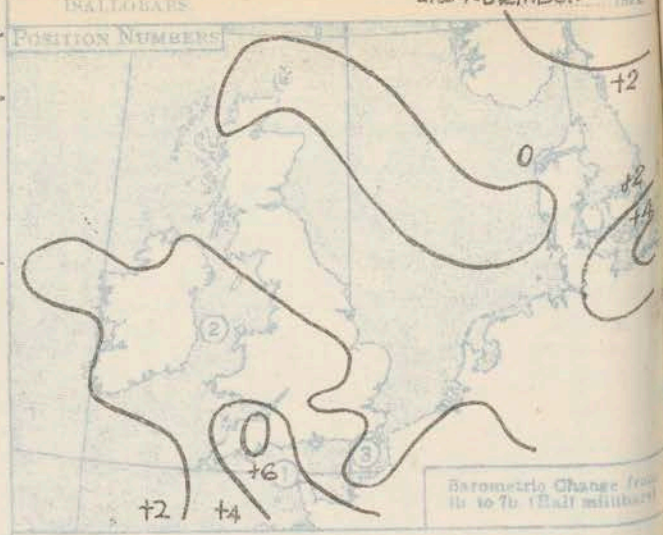
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370. Page

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	WEATHER. 13h.-18h. 20th	WEATHER. 18h.-7h. 20th to 7h. 21st	WEATHER. 7h.-7h. 21st	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 20th Hours.
Lerwick	ciprq	cirbq	coihq	ciphrq	41	37	.	3	<8.00	8	<21.00	0.0
Stornoway	b-bc	bbc	bbc	c	45	40	.	—	—	—	—	4.3
Wick	c	cirsq	irsir	irirc	44	40	.	1	13.30	1	<21.00	.
Tiree	bpqo	coq	cobc	bcco	44	41	38	0.2	9.00	—	—	0.2
Nairn	cbc	bcc	c	jpc	42	38		—	—	—	—	1.3
Aberdeen	cpmeiq	cour	oirc	oirc	43	39	38	1	11.00	0.2	<21.00	0.0
Malin Head	ce	cpo	oe	oc	47	44	.	Trace	15.30	—	—	0.0
Renfrew	orrqq	orrdmq	crooq	oqzo	41	41	40	1	<8.00	Trace	<21.00	0.0
Edinburgh (Inchkeith)	o	p	p	o	41	41	39	Trace	15.30	Trace	<21.00	0.0
Leuchars	rrr	rrr	oirc	orro	41	41	39	4	<8.00	0.4	<21.00	0.0
Eskdalemuir	oido	oido		osndonm	39	37	37	1	<8.00	0.2	<21.00	0.0
Tynemouth	oirqq	oq	oirqq	oq	43	43	40	1	<8.00	0.2	<21.00	.
Blacksod Point ...	bcbc	bcc	bbc	bcc	(52)	44	.	—	—	—	—	.
Donaghadee	circ	o	c	orr	47	42	.	0.1	<8.00	3	2.30	.
Birr Castle	c	cpro	co	oiro	52	43	38	0.5	14.30	1	—	3.0
Holyhead	cmo	cmo	omrqq	rqo	49	43	42	—	—	3	22.00	1.0
Liverpool (Bidston) ...	pomo	cmoom	qo	qormo	46	39	38	Trace	11.00	4	1.30	0.0
Chester (Sealand) ...	pocmo	cm	oroom	oroomo	48	40	38	0.1	<8.00	3	<21.00	0.1
Harrogate	ogdoir	odo	o	ocrr	42	38	37	0.5	14.30	4	24.00	0.0
Spurn Head	o	o	rd	rd	45	39	.	—	—	3	24.00	0.0
Birmingham (Edgbaston)	co	or	orr	oroo	45	37	37	0.4	17.30	7	<21.00	0.0
Cranwell	o	o	rr	orrmo	45	38	37	—	—	14	<21.00	0.0
Gorleston	cq	cqu	cworrq	orrq	45	40	39	—	—	11	<21.00	0.0
Valentia (Cahirciveen)	bcopc	cbob	b	bbcop	50	43	34	Trace	12.30	1	4.30	2.9
Roches Point	cpbc	bcp	bcp	cir	53	44	.	5	<8.00	3	<21.00	.
Pembroke (St. Ann's H.)	bcpo	c	crrm	ocrq	50	43	43	Trace	11.00	5	1.30	0.8
Ross-on-Wye	c	coinrq	rrqo	gom	47	41	40	2	16.30	5	<21.00	0.0
Leafield	c	coidro	orr	odo	45	39	39	1	15.30	4	<21.00	0.0
Winchester (Worthy Dn.)	co	oorrr	orr	omro	46	42	39	2	14.30	4	<21.00	0.0
S. Farnborough ...	como	omgrrd	odro	ocm	46	42	39	2	14.30	7	<21.00	0.0
London (Kew Obsy.) ...	cmomq	orrmq	okrqq	cmoq	49	43	42	2	14.30	7	<21.00	0.0
Croydon	omzo	orrrm	omrrmo	omo	46	43	41	3	13.30	8	<21.00	0.0
Shoeburyness	co	orm	oroq	oirq	48	43	42	3	15.30	7	<21.00	0.0
Clacton-on-Sea ...	ogc	coqrr	ogrk	egrkoq	48	42	39	1	14.30	6	<21.00	0.0
Felixstowe	cocmo	courc	ormo	orr	47	42	42	0.1	15.30	8	<21.00	0.0
Lympne	crrmo	drorrm	orrmomo	ocbcmo	45	41	39	10	12.30	4	<21.00	0.0
Scilly (St. Mary's) ...	bccpo	c	cpor	or	52	46	.	0.1	11.00	3	24.00	2.7
Falmouth (Pendennis)	bccq	crorq	orrmq	omiro	52	44	.	1	15.30	12	<21.00	0.0
Plymouth (Cattewater)	b,c	corrmq	oqrrr	oqmrrk	51	46	44	0.1	14.30	5	<21.00	0.0
Portland Bill	czo	orrzo	orrol	oz	51	47	.	2	13.30	3	<21.00	.
Southampton (Calshot)	cmo	orrmq	r-2	ormo	48	45	44	4	12.30	5	.	0.0
Dungeness	ccrrq	oqwr	oqrrq	cqbcq	50	43	.	6	11.00	2	<21.00	.
Guernsey	crrq	rrrq	orrcirq	cir	50	48	.	6	<8.00	4	<21.00	0.0

INSET: 21st November 1927



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Visibility.
3	2h 21st.	Arundel	ESE	6	bc-	50	54	7

GENERAL INFERENCE.

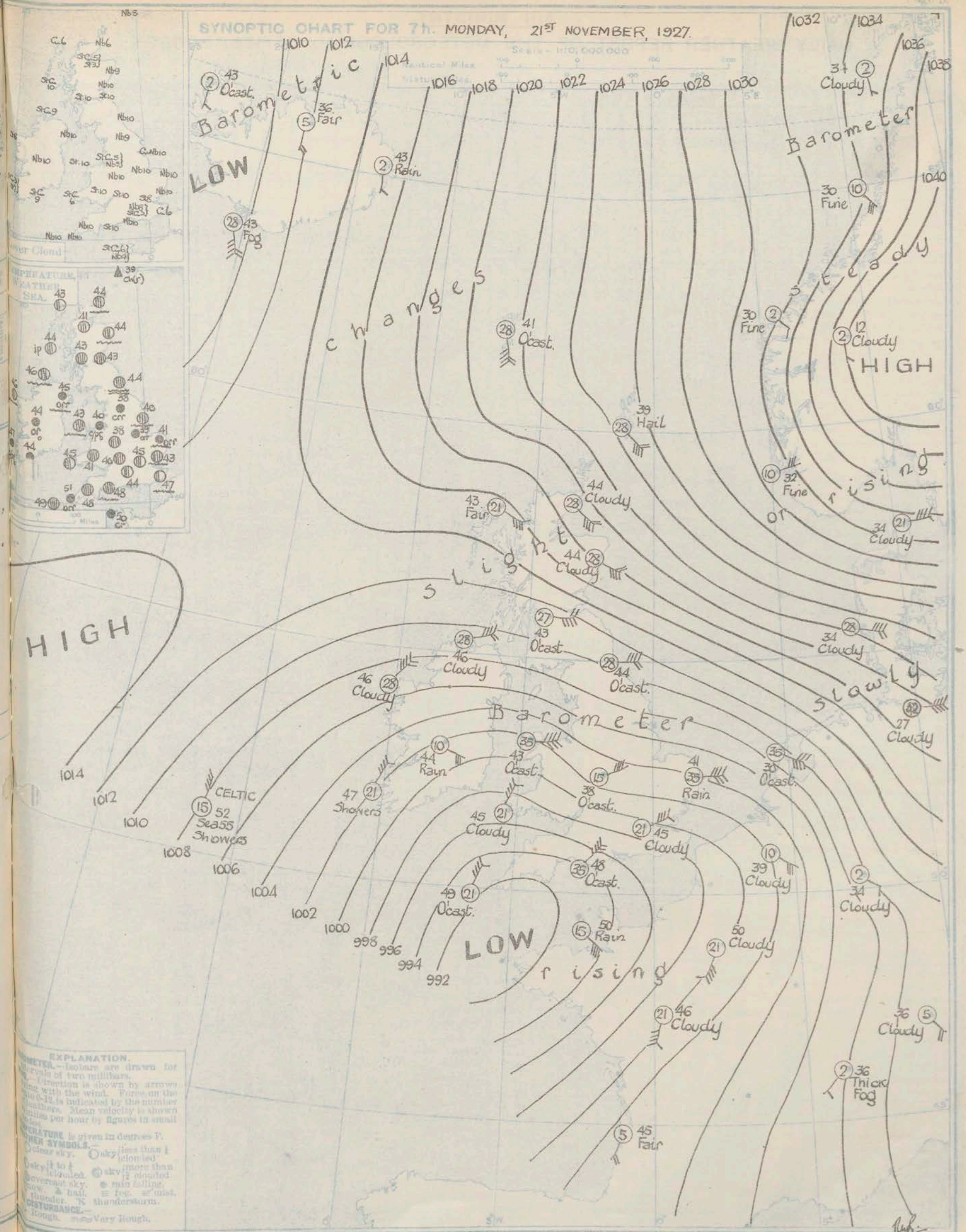
An intense anticyclone persists over Scandinavia and a depression, near the Scillies, is moving northwestwards slowly and gradually filling up. Strong easterly winds will continue with further rain at times in the South and rain or sleet, with snow on the high ground, in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 21st November, 1927.	Further Outlook.
1. S.E. England 2. E. England ↓	Wind easterly, moderate or fresh; occasional rain and mist but some fair to cloudy periods; moderate to rather low temperature.	Cold and unsettled.
3. E. Midlands 4. W. Midlands	Strong E. to S.E. winds; occasional rain or sleet showers; rather cold.	
5. S.W. England	As 0 - 1	
6. South Wales	Easterly winds, strong at times at first; occasional rain then fairer periods; moderate temperature.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England ↓ 11. S.E. Scotland ↓ 12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓	E. to S.E. winds, strong at times; occasional rain or sleet but some fair to cloudy periods; perhaps snow at times on high ground; rather cold.	↓ South Cone still flying.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5 - 6	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1005 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C. 2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Monday 21st November 1927. No. 325

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 21st: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 21st: Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	1024.8	0	SE	5	o h(r)	39	97	7	4000	Nb	10	–	10	1025.0	+1	SE	6	ch(r)	39	92	7	4000	Nb	5	A St	9	•
Stornoway	30	1016.1	+1	SE	5	b–	•	•	•	•	•	•	•	2	1014.8	0	ESE	5	bc+	43	75	7	4000	Cu	6	–	6	4
Wick	81	1018.8	0	SE	6	c ri	44	75	8	1500	Nb	6	A St	10	1018.9	–1	SE	6	c	44	75	8	1500	Nb	6	A St	10	7
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.4	0	SE	4	c/p	44	97	7	2500	St Cu	10	–	10	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.0	•	E	1	c	41	75	7	1500	St Cu	8	–	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.3	+1	ESE	6	c/r	44	75	7	1500	Nb	9	–	9	6
Malin Head	51	1008.9	0	ENE	6	c	46	92	7	5700	St Cu	10	–	10	1009.1	+1	ENE	6	c	46	85	7	5700	St Cu	9	–	9	6
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	0	E	6	o	43	75	6	800	St	10	–	10	•
Edinburgh (Inchkeith)	190	1012.3	0	E	4	o r	43	85	8	800	Nb	10	–	10	1012.5	0	E	5	o	43	75	8	800	St	10	–	10	3
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.2	0	ESE	6	o	44	75	7	800	Nb	10	–	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.3	+2	NE'E	6	o/r	39	85	6	800	St	10	–	10	•
Tynemouth	67	1010.5	0	E	6	o/r	44	85	8	1500	Nb	10	–	10	1010.9	+1	E	6	o	44	85	7	1500	Nb	10	–	10	8
Blacksod Point	18	1005.9	+2	NE	5	bc	47	75	7	•	St	6	–	6	1006.5	+3	NE	6	c	46	85	7	•	St	8	–	8	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.1	+3	ESE	8	orr	45	97	7	1500	Nb	10	–	10	6
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.6	•	ESE	3	o fo	44	92	6	800	Nb	10	–	10	•
Holyhead	26	1000.7	–2	E'N	7	or–	44	92	5	1500	Nb	10	–	10	1001.8	+2	E	7	o	43	85	6	2500	St	10	–	10	6
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.8	+3	ENE	4	c/p fo	40	85	5	1500	Nb	10	–	10	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.3	+3	E	3	o fo fo	41	85	6	1500	Nb	10	–	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.0	+1	ENE	3	crr	38	92	6	2500	Nb	9	A St	10	•
Spurn Head	29	1002.6	–1	E'S	8	orr	41	92	6	2500	Nb	10	–	10	1004.7	0	E'S	7	c	40	92	6	2500	Cu fb	10	–	10	
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.3	+2	ENE	4	o	38	97	5	800	Nb	10	–	10	•
Cranwell	238	1002.8	–2	E'S	6	orr	39	97	6	800	Nb	10	–	10	1004.4	+3	E'N	4	orr	39	97	5	800	Nb	10	–	10	
Gorleston	14	1003.1	0	E	8	orr	40	97	6	800	Nb	10	–	10	1003.2	0	E	7	orr	41	92	6	450	Nb	10	–	10	6
Valentia (Cahirciveen)‖	30	1002.3	0	NE'E	3	ov	46	97	9	-	St	10	–	10	1002.4	+1	NNE	5	c/p fo	45	85	7	1500	St	10	–	10	3
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	999.9	+2	NE	3	c fo	44	97	8	1500	St Cu	9	–	9	1
Pembroke (St. Ann's H.)	150	9942	–2	NNE	5	o RR	43	92	7	1500	St	10	–	10	996.3	+3	NNE	5	c–	45	97 ~~92~~	7	1500	St Cu	6	A Cu	8	5
Ross-on-Wye	225	•	•	•	•	•	•	•	•	•	•	•	•	•	999.7	+3	ENE	4	o	41	92	5	800	St	10	–	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	999.4	+3	ENE	4	o	40	97	6	800	St	10	–	10	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	997.6	+3	NE	4	o fo	43	92	6	450	Nb	10	–	10	•
S. Farnborough	236	•	•	•	•	•	•	•	•	•	•	•	•	•	997.8	+2	ENE	4	c m	44	92	4	800	Nb	10	–	10	•
London (Kew Obsy.)	18	•	•	•	•	•	45	•	•	•	•	•	•	•	998.4	+2	E'N	5	c	45	85	5	800	St	8	A St	10	•
Croydon	344	9964	+1	ENE	5	o	43	85	6	450	St	10	–	10	998.5	+2	ENE	4	o	43	85	5	450	St	10	–	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	999.7	0	E	6	o	44	97	8	450	St	10	–	10	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.5	0	NE	6	o	43	97	6	4000	Nb	10	–	10	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.6	+1	E	7	o	43	92	5	800	St	10	–	10	6
Lympne	350	9964	+1	NE'E	6	o	42	97	6	800	St	10	–	10	998.5	+2	ENE	5	c	42	92	6	2500	St Cu	5	Ci St	8	•
Scilly (St. Mary's)	163	9922	–3	NNE	6	orr	47	97	7	4000	Nb	10	–	10	992.5	+1	N'E	5	o/r	49	97	7	4000	Nb	10	–	10	5
Falmouth (Pendennis)	200	990.1	–1	NNE	5	or–	45	97	6	3500	Nb	10	–	10	991.5	+3	NE'E	5	orr	51	97	7	2500	Nb	10	–	10	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	993.1	+5	ENE	5	o/r	48	92	6	220	Nb	10	–	10	1
Portland Bill	32	9950	+1	NE	8	o	51	85	6	2500	St	10	–	10	993.6	+6	NE	7	o	48	85	6	1500	St	10	–	10	7
Southampton (Calshot)	10	9937	+2	ENE	5	o	46	85	7	1500	St	10	–	10	996.1	+3	NE	4	or	45	85	6	800	Nb	10	–	10	
Dungeness	20	994.1	+3	E	8	c–	46	85	7	4000	St Cu	9	–	9	996.8	+3	E	5	bc+	47	85	7	2500	Cu	6	Ci Cu	7	
Guernsey (Fort George) ‖	296	988.1	+2	ESE	3	orr	50	97	5	1500	Nb	10	–	10	993.2	+4	SE	4	cr	50	92	7	1500	St Cu	10	–	10	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th November

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 19th to 9h. 20th.	Temperature. Max. 9h. -17h. 20th.	Rainfall.† Night 17h.-9h. 19 - 20th.	Rainfall.† Day 9h.-17h. 20th.	Sunshine. Sunrise to Sunset. 20th.
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	RRO	RRO	39	44	9	2	0.0
Douglas (I. o. M.)	bo q	o	41	47	2	–	0.0
Llandudno	o	o	42	48	0.1	–	0.0
Colwyn Bay	od	o	42	48	0.5	–	0.0
Rhyl	oc	c	42	48	1	–	0.0
Wallasey	od o	o	41	47	3	Trace	0.0
Southport	oc	o	*41	47	1	–	0.0
Blackpool	o	o	41	45	0.4	–	0.0
Ilkley	or	oro	37	42	½	1	0.0
Cleethorpes	o	o	40	42	5	–	0.0
Skegness	o	o	43	44	1	–	0.0
Aberystwyth	bc bc	oz	43	48	0.3	–	0.0
Bath	c	cr	44	48	8	1	0.0
Cheltenham	o	or q	45	48	3	0.3	0.0
Leamington Spa	o	or	41	45	2	0.5	0.0
Lowestoft	c	c	42	44	0.3	–	0.0
Felixstowe	cm	c mond	44	47	0.4	Trace	0.0
Harwich & Dovercourt	c cm	c cm	45	47	0.3	Trace	0.0
Southend	c	c	44	48	–	1	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	co	o	44	50	2	–	0.1
Bude	o	o	42	49	1	–	0.1
Penzance	c	c	42	52	1	–	0.0
Paignton	orp	orq r	38	?	0.3	2	0.0
Torquay	orp	or	43	51	1	2	0.0
Jersey	co	or	44	50	0.2	5	0.0
Weymouth	c c q	c rq r	46	49	4	2	0.0
Bournemouth	r	r	45	46	4	2	0.0
Ventnor	or	or	46	50	1	2	0.0
Portsmouth (S'thsea)	o	or	45	48	3	2	0.0
Bognor	orr	rr	45	47	6	2	0.0
Littlehampton	c	cr	45	47	5	3	0.0
Worthing	c	cor	45	48	0.3	3	0.0
Brighton	co	orr	45	47	0.5	4	0.0
Eastbourne‡	o	orr	48	52	Trace	5	0.0
Hastings‖	o	oror	46	52	0.3	8	0.0
Folkestone	om	orrm	44	46	Trace	6	0.0
Dover	o	or	45	47	–	5	0.0
Tunbridge Wells	or	or	43	46	1	4	0.0
Ramsgate	o	or	43	48	1	1	0.0
Margate	o	or	45	47	–	1	0.0
Deal	o	orr	44	51	–	3	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‖ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †: See footnote page 1

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24106 Tuesday, 22nd November 1927. Page 1.

Observations at 13h. G.M.T. 21st

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1025.4	0	SE	8	cjp	41	85	8	4000	Nb	10	–	10	•
Stornoway	1015.9	0	SE	4	c	46	65	7	4000	StCu	9	–	9	•
Wick	1020.9	+2	SE	6	cpc	45	85	8	1500	Nb	8	ASt	10	•
Tiree	1013.6	+1	E'S	4	c	46	75	7	1500	StCu	8	–	8	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1019.4	0	ESE	6	o|r	44	85	7	1500	Nb	10	–	10	2
Malin Head (red: 1010.9)	1011.9	+2	ENE	6	c	46	92	7	5700	StCu	10	–	10	•
Renfrew	1013.9	+2	E	5	o	44	65	6	800	St	10	–	10	1
Edinburgh (Inchkeith)	1014.1	+2	E	5	o	44	75	8	450	St	10	–	10	•
Leuchars	1016.7	+1	E	6	o|pr₀	44	75	7	1500	Nb	10	–	10	1
Eskdalemuir	1012.6	+3	NE'E	4	o	39	85	6	1500	St	10	–	10	2
Tynemouth	1012.1	+1	E	6	ojp	44	85	6	1500	Nb	10	–	10	•
Blacksod Point	1009.0	+3	NE	5	c	46	85	7	∴	StCu	9	–	9	•
Donaghadee	1009.9	+3	E	7	or₀	46	92	7	1500	Nb	10	–	10	•
Birr Castle	1004.6	•	E	4	od₀	45	92	6	450	St	10	–	10	•
Holyhead	1005.9	+2	E	6	c	43	85	6	800	St	9	ASt	10	2
Liverpool (Bidston)	1007.6	+2	ENE	5	mmo	39	85	4	1500	Nb	10	–	10	•
Chester (Sealand)	1006.7	+2	E	4	od₀	40	85	6	800	St	10	–	10	2
Harrogate	1009.3	+1	E	3	od₀d₀	38	92	5	2500	Nb	9	ASt	10	•
Spurn Head	1007.0	0	E'S	7	o	40	92	6	2500	St	10	–	10	•
Birmingham (Edgbaston)	1005.4	+1	ENE	4	or₀	39	92	4	800	Nb	10	–	10	2
Cranwell	1006.7	+2	E'N	4	od₀d₀	38	97	4	450	Nb	10	–	10	2
Gorleston	1005.4	+2	E'S	6	c	42	92	6	2500	Nb	10	–	10	•
Valentia (Cahirciveen)	1005.8	+4	NE'N	4	c	46	92	7	800	St	10	–	10	2
Roches Point	1003.6	+4	NE	3	c	47	92	8	1500	StCu	10	–	10	•
Pembroke (St. Ann's H.)	1001.4	+4	NE	5	c	44	92	7	1500	StCu	6	ACu	8	•
Ross-on-Wye	1003.2	+2	ENE	4	o	40	92	5	450	St	10	–	10	2
Leafield	1002.9	+2	NE	4	od₀	39	97	2	220	St	10	–	10	2
Winchester (Worthy Dn.)	1000.6	+2	NEN	3	o/d	45	92	5	450	St	10	–	10	2
S. Farnborough	1000.8	+2	ENE	3	odd	44	97	3	800	Nb	10	–	10	2
London (Kew Obsy.)	1001.8	+2	ENE	4	fo	45	97	3	800	Nb	10	–	10	2
Croydon	1001.4	+2	NE	3	odd	44	97	3	<150	St	10	–	10	2
Shoeburyness	1002.6	+3	E	3	o	47	92	6	450	St	10	–	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1004.1	+1	E	5	od₀	45	92	5	800	Nb	10	–	10	2
Lympne	1001.2	+2	ESE	4	cd₀	49	85	6	800	St	10	–	10	2
Scilly (St. Mary's)	997.0	+4	E'N	5	c	50	97	7	4000	StCu	9	–	9	•
Falmouth (Pendennis)	997.2	+4	E	6	c-	49	85	7	4000	StCu	8	–	8	•
Plymouth (Cattewater)	998.5	+4	ENE	5	ct	47	85	6	1500	St	9	–	9	2
Portland Bill	998.4	+4	NE'N	6	odd	47	92	5	800	Nb	10	–	10	•
Southampton (Calshot)	1000.2	+3	NE'N	4	od₀d₀	46	92	5	800	Nb	10	–	10	2
Dungeness	1000.8	+4	SSE	4	c	51	85	7	2500	Cu	7	ASt	10	•
Guernsey (Fort George)	998.7	+2	SSW	4	c	50	92	8	1500	StCu	10	–	10	•

Observations at 18h. G.M.T. 21st

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1025.5	0	SE	6	cjp	43	85	7	4000	Nb	5	ASt	10	•
Stornoway	1016.3	+1	SE	4	c	45	75	7	4000	StCu	10	–	10	3
Wick	1020.1	+1	SE	6	c	44 (red: 45)	75	8	1500	Nb	6	ASt	10	7
Tiree	1015.1	+2	E'S	4	c	45	85	7	1500	StCu	9	–	9	4
Nairn	1018.1	•	E	2	c	42	85	8	1500	St	8	–	8	•
Aberdeen	1019.8	0	ESE	6	o	44	85	7	1500	Nb	10	–	10	6
Malin Head	1012.7	+2	ENE	5	c	47	85	7	5700	StCu	10	–	10	6
Renfrew	1015.2	+1	E	5	c	43	85	6	800	St	9	ASt	10	•
Edinburgh (Inchkeith)	1014.9	+2	E	4	o	43	92	7	450	St	10	–	10	2
Leuchars	1017.7	+1	E	6	o|r	44	85	6	800	Nb	10	–	10	•
Eskdalemuir	1013.7	+2	NEE	5	od₀	39	92	6	1500	St	10	–	10	•
Tynemouth	1013.3	+1	E	6	or₀r₀	42	92	7	1500	Nb	10	–	10	8
Blacksod Point	1010.9	+2	NE	4	c	46	85	6	•	StCu	10	–	10	4
Donaghadee	1011.6	+3	E	6	c	46	92	7	5700	StCu	9	–	9	6
Birr Castle	1007.8	•	E	4	c-	44	85	6	800	Nb	9	–	9	•
Holyhead	1007.5	+3	E'N	6	c	43	85	6	800	St	8	ASt	10	6
Liverpool (Bidston)	1009.3	+2	E'N	4	o	44 (red: 40)	85	6	2500	St	10	–	10	•
Chester (Sealand)	1008.7	+3	ENE	3	od₀d₀	39	85	6	1500	St	10	–	10	•
Harrogate	1011.3	+1	E	3	oDD	37	97	5	2500	Nb	10	–	10	•
Spurn Head	1008.6	+1	E'S	6	o	40	92	6	2500	Nb	10	–	10	7
Birmingham (Edgbaston)	1007.6	+3	NE	3	od₀	39	97	3	800	St	10	–	10	•
Cranwell	1008.5	+2	ENE	4	od₀d₀	38	97	5	800	Nb	10	–	10	•
Gorleston	1006.3	+2	E'S	5	or₀r₀	45	97	6	800	Nb	10	–	10	5
Valentia (Cahirciveen)	1003.0	+4	NE'N	3	c	46	85	7	1500	St	8	–	8	0
Roches Point	1006.7	+5	NE	3	c	46	92	8	1500	StCu	10	–	10	1
Pembroke (St. Ann's H.)	1004.0	+3	NE	5	cr	43	92	6	800	StCu	8	ACu	9	1
Ross-on-Wye	1006.3	+3	NE	2	od₀d₀	40	92	4	450	St	10	–	10	•
Leafield	1005.7	+3	NE	4	orr	40	97	5	450	St	10	–	10	•
Winchester (Worthy Dn.)	1003.1	+4	NNE	2	odd	45	97	3	450	Nb	10	–	10	•
S. Farnborough	1004.3	+5	ENE	1	od₀d₀	45	97	3	800	Nb	10	–	10	•
London (Kew Obsy.)	1005.0	+5	ENE	2	fo	47	97	3	450	Nb	10	–	10	•
Croydon	1004.8	+5	NEE	1	od₀d₀	46	97	4	220	St	10	–	10	•
Shoeburyness	1005.4	+3	E'S	2	or	47	97	5	450	Nb	10	–	10	•
Clacton-on-Sea	1004.8	+2	E	4	od₀	48	97	6	2500	St	10	–	10	3
Felixstowe	1005.9	+3	E'S	2	o|r	48	97	5	800	St	10	–	10	3
Lympne	1005.5	+5	S	3	or₀	48	97	6	220	St	10	–	10	•
Scilly (St. Mary's)	1002.1	+3	NE'N	5	c	49	92	6	4000	StCu	10	–	10	4
Falmouth (Pendennis)	1000.4	+2	NE	6	c	48	85	7	4000	Cu	7	ASt	10	4
Plymouth (Cattewater)	1001.3	+4	ENE	4	odd	46	92	6	800	St	10	–	10	0
Portland Bill	1001.8	+4	NE	2	or₀	50	92	6	2500	Nb	10	–	10	2
Southampton (Calshot)	1003.7	+4	E'N	3	or₀r₀	47	97	6	800	Nb	10	–	10	0
Dungeness	1005.3	+4	SSW	2 (red: 4)	cr	~~46~~	85	7	1500	Nb	~~10~~ 9	–	~~10~~ 9	4 (red: 5.3)
Guernsey (Fort George)	1003.0	+3	S	5	bc-	51	85	8	2500	Cu	6	–	6	6

London Observations

London Observations	Height above M.S.L. in feet	Weather Morning (24 hours ended 9h)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew (24 hours ended 7h.)	18	c₀ofd	ofd	frbmf	47	40	30	03	2	0.0	•	•	7
Croydon (24 hours ended 7h.)	244	omdd	mD dd	ddbmf	46	39	30	1	03	0.0	•	•	5
Greenwich (Royal Obsy.)	149	of	od	ddofc	47	38	28	1	05	0.0	96	100	1
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	50	43	28	2		0.0	91	97	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	o	or	•	47	42	31	2	1	•	•	100	•
Kensington Palace	80	od	odr	•	46	39	27	1	2	•	(At 18h) 100	100	•
Hampstead Observatory	450	•	•	•	47	39	27	3	2	0.0	•	99	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 22nd

South Kensington Max.	Time.	Min.	Time.
1.6	13h 21st	<0.3	2h 22nd

Kew Observatory Max.	Time.	Min.	Time.
1.0	19h 21st	<0.3	5h 22nd

Pole Star Record at Greenwich Obsy.

Exposure from 21st 17 h. 0 m. to 22nd 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 30	5 2	37
δ Ursae Minoris	13 30	4 58	37

Code for State of Ground.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

13th & 13th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.28 / 7.30	11.39 / 11.39	15.51 / 15.50
Greenwich	7.29 / 7.30	11.46 / 11.46	16.2 / 16.1
Wick	8.15 / 8.18	11.58 / 11.58	15.40 / 15.38
Valentia	8.11 / 8.13	12.27 / 12.27	16.42 / 16.40

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense: suffix o indicates slight: repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♁ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; – = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Sea Disturbance.

0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

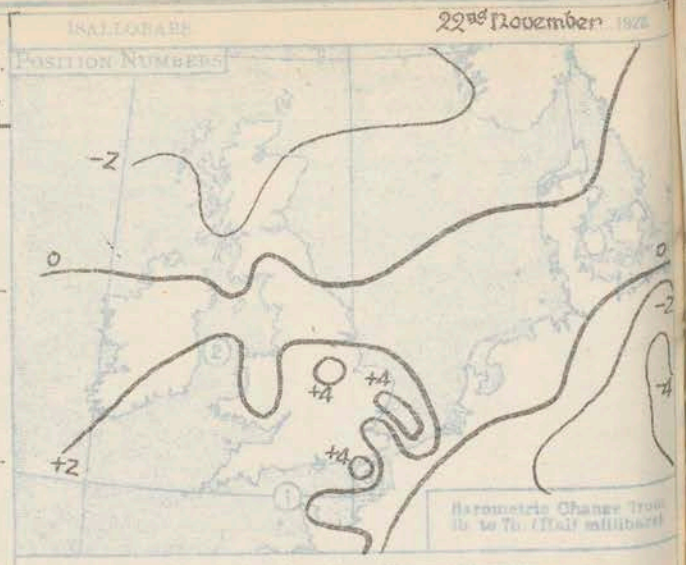
§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† Trace—rain has fallen, but amount less than 0.1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 21st	Weather. 18h.-18h. 21st	Weather. 18h.-21st to 1h. 22nd	Weather. 1h.-7h. 22nd	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 21st. Hours.
Lerwick	cirq	coirq	bccq	cir	43	40	.	2	<8.00	0.1	1.30	0.0
Stornoway	c	c	c	c	46	43	.	–	–	–	–	1.0
Wick	crr	ri	cir	irrr	45	42	.	0.5	9.00	2	1.30	.
Tiree	co	co	co	cobc	46	40	30	–	–	–	–	0.0
Nairn	cbc	bcc	c	c	43	39	.	–	–	–	–	0.0
Aberdeen	corirc	coirc	oir	orrm	44	41	40	0.1	9.00	7	<21.00	0.0
Malin Head	opc	op	oc	bcc	47	44		Trace	9.00	–	–	0.0
Renfrew	oq/z	oq/dz	cq,zbc	bccom	44	41	39	Trace	14.30	Trace	6.30	0.0
Edinburgh (Inchkeith)	o	id	p	p	44	40	39	Trace	12.30	0.5	<21.00	0.0
Leuchars	opr	poDr	o,or	ord	45	41	40	2	9.00	4	22.00	0.0
Eskdalemuir	oidm	coidm	odm	om	40	36	35	0.4	11.00	0.6	<21.00	0.0
Tynemouth	oirq	oirq	ouq	oirq	44	41	39	1	11.00	2	<21.00	.
Blacksod Point ...	c	co	o	o	47	43	.	–	–	–	–	.
Donaghadee	rrirc	oirc	bc	bcc	46	42	.	4	<8.00	–	–	.
Birr Castle	oid	oid	com	cm	45	40	39	1	<8.00	–	–	0.0
Holyhead	irq	cmq	ocm	ocm	45	41	40	0.2	<8.00	–	–	0.0
Liverpool (Bidston) ...	oprm	opm	om	orf	47	38	37	0.2	<8.00	0.5	4.30	0.0
Chester (Sealand) ...	orm	omd	odm	odm	41	39	37	0.3	<8.00	1	<21.00	0.0
Harrogate	orrcd	coDD	oDrd	oDDFF	38	36	36	1	<8.00	3	<21.00	0.0
Spurn Head	oq	opr	orr	mro	42	41	.	1	12.30	3	<21.00	0.0
Birmingham (Edgbaston)	rodm	rorfd	fod	forFe	39	38	38	3	9.00	2	<21.00	0.0
Cranwell	orodm	r-d	rmff	orof	39	37	37	3	<8.00	4	22.00	0.0
Gorleston	rrroq	corrq	orrdo	o	45	45	44	2	<8.00	4	<21.00	0.0
Valentia (Cahirciveen)	opco	oc	co	o	46	45	41	0.3	<8.00	–	–	0.0
Roches Point	circ	cq	coq	cq	47	43	.	0.1	<8.00	–	–	.
Pembroke (St. Ann's H.)	c	cp	om	o	48	41	.	Trace	16.30	–	–	0.0
Ross-on-Wye	omq	omd	domom	ofeFe	41	40	39	0.4	14.30	1	<21.00	0.0
Leafield	omid	domidr	omr	omF	40	39	39	2	9.00	1	<21.00	0.0
Winchester (Worthy Dn.)	orndom	odomf	orr	ocfe	45	37	29	0.3	<8.00	2	<21.00	0.0
S. Farnborough ...	comdd	odd	odd	F	46	35	29	1	11.00	1	<21.00	0.0
London (Kew Obsy.) ...	omofd	ofd	ofbrcm	bmfW	47	40	30	0.3	9.00	2	<21.00	0.0
Croydon	omdom	omDdd	oddbm	bmfm	46	39	30	1	11.00	0.3	<21.00	0.0
Shoeburyness	oqom	om	ormomb	bqbfc	48	35	29	Trace	17.30	0.3	<21.00	0.0
Clacton-on-Sea ...	oq	oqdm	oqdmc	cbc	48	46	39	0.5	16.30	(Trace)	–	0.0
Felixstowe	om	otom	orc	cbc	48	45	37	1	12.30	Trace	<21.00	0.0
Lympne	comm	cmdofr	rcbm	bmF	49	42	31	5	12.30	1	<21.00	0.0
Scilly (St. Mary's) ...	orc	cm	c	cm	50	47	.	3	9.00	–	–	0.0
Falmouth (Pendennis)	orq/c	cq	crq	cr	52	47	.	7	<8.00	0.1	<21.00	0.1
Plymouth (Cattewater)	pmadbc	comddd	odbcr	orrcr	49	45	44	Trace	<8.00	3	<21.00	1.8
Portland Bill	oidm	oidz	orrbc	bcb	50	49	.	2	9.00	2	<21.00	.
Southampton (Calshot)	orrdm	odmcr	bcbw	bmfjc	47	43	32	1	<8.00	1	<21.00	0.0
Dungeness	bcc	cpr	rcbcb	bbc	53	47	.	2	13.30	Trace	<21.00	.
Guernsey	irrrc	cbc	bcb	bW	52	48	.	3	<8.00	Trace	–	0.1



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	21st 10h	Cambria	ENE	7	c	50	46	5
3	22nd 2h	Dieppe	S	2	bc	50	54	8

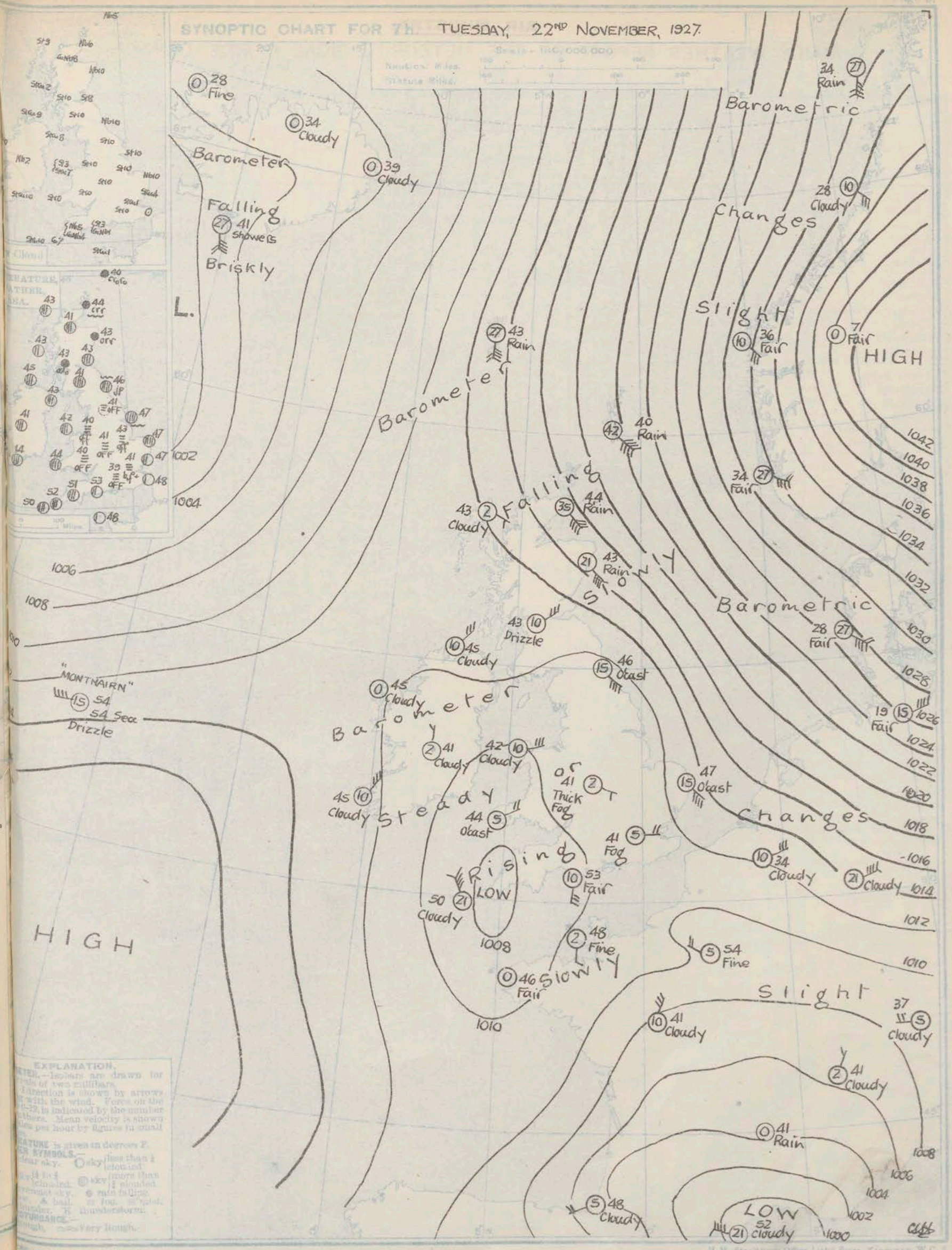
GENERAL INFERENCE.

With a depression over Cornwall filling up a ridge of high pressure, connecting anticyclones over Northwest Europe and beyond the Azores, will develop across the British Isles. Meanwhile, depressions will move northeastwards towards Iceland and eastwards over France. Weather will continue rather unsettled and fog will be rather widespread over most of England and Wales, both night and morning.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Tuesday, 22nd November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Variable or easterly winds, mainly light to moderate today, probably freshening from east tomorrow; cloudy; perhaps slight drizzle locally; rather widespread fog, night and morning; moderate temperature.	Rather unsettled; fog, perhaps rather widespread.
7. North Wales 8. N.W. England 9. N. Midlands	Light variable winds; cloudy; local fog; moderate to rather low temperature.	▼ South cone still flying.
10. N.E. England	As 1 - 6	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 7 - 9	
13 {A. W. Scotland B. NW. Scotland 14. Mid-Scotland	Freshening S. to S.W. winds; cloudy, some rain or drizzle and mist; moderate temperature.	
15. N.E. Scotland ▼ 16. Orkneys and Shetlands ▼	S.E. to S. winds, strong to gale at times; occasional rain; moderate temperature.	
17. N.W. Ireland	As 13A - 14	
18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 7 - 9	

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. TUESDAY, 22ND NOVEMBER, 1927.
Barometer Falling Briskly
L.
Barometer Falling Slowly
Barometric Changes Slight
HIGH
Barometric Changes
Barometer Steady or Rising Slowly
LOW
HIGH
Slight
LOW
"MONTNAIRN"
54 Sea Drizzle
28 Fine
34 Cloudy
39 Cloudy
41 Showers
43 Rain
40 Rain
44 Rain
43 Rain
43 Cloudy
43 Drizzle
45 Cloudy
46 Ocast
45 Cloudy
41 Cloudy
42 Cloudy
41 Thick Fog
44 Ocast
41 Fog
45 Cloudy
50 Cloudy
53 Fair
48 Fine
46 Fair
54 Fine
41 Cloudy
41 Cloudy
41 Rain
48 Cloudy
52 Cloudy
37 Cloudy
34 Fair
28 Fair
19 Fair
47 Ocast
34 Cloudy
21 Cloudy
28 Cloudy
36 Fair
7 Fair
34 Rain
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
1038
1040
1042
EXPLANATION.
METER.—Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind. Force on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small type.
TEMPERATURE is given in degrees F.
CLOUD SYMBOLS.— ○ sky clear. ◐ less than ½ clouded. ● ½ to ¾ clouded. ◑ sky more than ½ clouded. ⊕ overcast sky. ● rain falling. ▲ hail. ≡ fog. ≡ snow. ⚡ thunder. ⚡ thunderstorm.
SEA DISTURBANCE.— Rough. Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Tuesday 22nd November 1927. No. 326.

STATIONS.	Height above M.S.L. in feet.	1h. Barom. at M.S.L. mb.	1h. Change in 3 Hours	1h. Wind Direc.	1h. Wind Force 0-12	1h. Weather	1h. Temp. °F.	1h. Humidity %	1h. Visibility 0-9	1h. Cloud Low Height Feet	1h. Low Form	1h. Low Amt. 0-10	1h. Upper Form	1h. Total Amt. 0-10	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours	7h. Wind Direc.	7h. Wind Force	7h. Weather	7h. Temp. °F.	7h. Humidity %	7h. Visibility 0-9	7h. Cloud Low Height Feet	7h. Low Form	7h. Low Amt. 0-10	7h. Upper Form	7h. Total Amt. 0-10	Sea 0-9
Lerwick	54	1023.9	-2	SE	8	c	42	75	7	4000	Cu	5	aSt	10	1021.3	-3	SE	8	crr₀	40	85	7	4000	Nb	5	aSt	10	•
Stornoway	30	1016.7	0	S	4	c	•	•	6	•	•	•	•	10	1014.4	-2	ESE	1	c	43	85	7	2500	St	9	-	9	1
Wick	81	1019.6	-1	SE	7	cr₀	43	85	8	1500	Nb	6	aSt	10	1016.9	-3	SE	7	crr	44	92	8	1500	Nb	6	aSt	10	7
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.7	-1	NE	2	bc	43	85	9	2500	StCu	2	aCu	5	4
Nairn	83	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.1	•	E	2	c	41	92	7	4000	CuNb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.2	-1	SE	5	orr	43	97	6	1500	Nb	10	-	10	5
Malin Head	61	1013.4	+1	ENE	4	bc-	47	85	8	5700	StCu	5	-	5	1012.7	-1	NE	3	c+	45	85	8	5700	StCu	9	-	9	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.8	-2	ENE	3	od₀	43	92	6	800	St	10	-	10	•
Edinburgh (Inchkeith)	190	1013.1	-1	E	3	or₀	42	92	8	450	Nb	10	-	10	1012.9	-1	E	2	c₀	43	97	8	800	St	8	aCu	10	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.0	-2	ESE	3	orr₀	43	97	6	800	Nb	10	-	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	0	NE'E	3	o	41	92	6	800	St	10	-	10	•
Tynemouth	67	1012.7	-1	ESE	5	ojp	43	92	7	1500	Nb	10	-	10	1011.5	-1	SE	4	ojp	46	97	6	1500	Nb	10	-	10	7
Blacksod Point	18	1011.3	+2	NE	2	c	45	75	6	•	-	0	aSt	10	1012.1	0	-	0	c	45	85	6	•	StCu	10	-	10	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.7	0	E	2	c-	43	92	8	5700	StCu	8	-	8	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	•	N	1	c-	41	92	6	1500	~~Cu~~	2	aSt	10	•
Holyhead	26	1008.9	+1	E'S	5	o	42	85	6	800	St	10	-	10	1009.8	+2	E'N	3	c	42	92	6	1500	StCu	10	-	10	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.0	+2	E	1	ffo	40	97	3	800	St	10	-	10	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.3	0	ENE	1	odd₀	40	92	4	800	St	10	-	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.3	0	-	0	FFo	41	97	1	<150	St	10	-	10	•
Spurn Head	29	1008.4	-1	ESE	5	orr	47	97	5	800	Nb	10	-	10	1011.2	+1	SSE	4	o	47	97	6	4000	St	10	-	10	6
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.4	+2	ESE	1	FFo	41	97	1	<150	St	10	-	10	•
Cranwell	236	1009.3	+1	-	0	ffo	40	97	2	450	St	10	-	10	1011.4	+4	ESE	1	ffo	43	97	2	450	St	10	-	10	•
Gorleston	14	1010.0	+1	SSE	4	o	48	97	6	2500	Nb	10	-	10	1012.9	+2	SE	4	o	47	97	6	2500	Nb	10	-	10	4
Valentia (Cahirciveen)	30	1012.1	+3	NE	4	o	45	97	8	-	St	10	-	10	1012.6	+1	NE'N	3	c	45	75	8	2500	St	10	-	10	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.7	+3	NE	2	c	44	92	8	1500	StCu	10	-	10	1
Pembroke (St. Ann's H.)	150	1007.0	+1	ENE	3	o	44	85	6	800	St	10	-	10	1008.7	+2	ENE	2	o	44	92	6	800	St	10	-	10	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	+1	-	0	FFo	40	97	1	<150	St	10	-	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	+2	SE'S	2	FFo	44	97	1	<150	St	10	-	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.9	+3	-	0	ffc	37	97	2	<150	St	9	-	9	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	+3	SE	1	FFo	39	97	1	<150	St	10	-	10	•
London (Kew Obsy.)	18	•	•	•	•	•	47	•	•	•	•	•	•	•	1011.9	+3	E	2	fb+	41	97	2	4000	StCu	1	-	1	•
Croydon	244	1009.3	+4	SSE	2	b	47	92	6	800	St	1	-	1	1011.7	+2	SSE	2	fb-	43	97	4	800	St	2	-	2	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.2	+1	S	1	Fb-	39	97	1	-	-	0	-	0	2
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	+1	ESE	4	bc	47	92	7	4000	StCu	4	-	4	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.9	+4	ESE	3	c+	47	97	6	800	St	8	-	8	•
Lympne	350	1010.2	+4	SSE	3	b	42	92	6	-	-	0	-	0	1011.4	+1	ENE	3	fb-	44	97	3	-	-	0	Ci	1	
Scilly (St. Mary's)	163	1004.2	+2	N'E	5	c	49	92	7	4000	StCu	10	-	10	1008.6	+3	N'W	5	c	50	97	6	4000	StCu	10	-	10	4
Falmouth (Pendennis)	200	1004.7	+3	SSE	4	cr₀	52	85	7	4000	StCu	10	-	10	1007.8	+2	S	4	c	52	85	7	4000	Cu	7	aSt	10	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	+2	SSE	4	cir	51	92	7	2500	Nb	9	-	9	2
Portland Bill	52	1006.5	+2	S'W	3	bc-	52	85	8	2500	StCu	4	-	4	1009.0	+2	S	3	bc	53	85	8	1500	St	4	-	4	0
Southampton (Calshot)	10	1009.1	+4	S	3	b	49	92	8	-	-	0	-	0	1011.1	+2	NE'E	2	ffo	44	97	3	-	-	0	-	0	2
Dungeness	20	1010.1	+4	S	3	b-	51	92	8	-	-	0	-	0	1011.6	+4	-	0	b+	48	92	7	-	-	0	aCu	2	2
Guernsey (Fort George)	295	1007.8	+4	S	1	b-	49	92	5	-	-	0	-	0	1010.1	+2	S	1	b	48	92	8	4000	StCu	1	-	1	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21st NOVEMBER 1927.

STATIONS. (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temp. Min. 9h. 20th to 9h. 21st (4) °F.	Temp. Max. 9h.-17h. 21st (5) °F.	Rainfall Night 17h.-9h. 20th-21st (6) mm.	Rainfall Day 9h.-17h. 21st (7) mm.	Sunshine Sunrise to Sunset 21st (8) hr.
Berwick-on-Tweed	or₀	r₀o	39	44	0.2	0.4	0.0
Douglas (I. o. M.)	c	cd₀	42	44	5	trace	0.0
Llandudno	o	o	41	43	2	-	0.0
Colwyn Bay	or	ro	41	42	2	-	0.0
Rhyl	o	o	40	42	3	-	0.0
Wallasey	ir₀o	o	40	46	3	trace	0.0
Southport	o	oco	*40	*41	2	-	0.0
Blackpool	o	o	41	41	0.6	-	0.0
Ilkley	ro	d₀o	36	40	5	0.4	0.0
Cleethorpes	o	od	39	40	5	0.4	0.0
Skegness	oro	odo	40	41	6	1	0.0
Aberystwyth	oc	cw	41	43	trace	-	0.2
Bath	ogwr₀	mogr₀	43	45	4	0.3	0.0
Cheltenham	o	oir	42	42	4	0.5	0.0
Leamington Spa	o	od	39	41	9	0.1	0.0
Lowestoft	c	cir₀	40	45	1	-	0.0
Felixstowe	cmp	cmcd	42	46	6	-	0.0
Harwich & Dovercourt	ocrm	ocrm	41	46	10	0.6	0.0
Southend	o	om	43	44	8	-	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	od	o	45	46	4	0.1	0.0
Bude	oe	oq	44	48	1	0.3	0.0
Penzance	orc	cpr	45	54	24	0.3	0.0
Paignton	omolpm	oqorqm	46	49	12	2	0.0
Torquay	oqmo	gcdrpl	46	48	6	2	0.0
Jersey	rd	r	46	48	8	1	0.0
Weymouth	r	r	45	47	4	-	0.0
Bournemouth	r	r	44	46	3	2	0.0
Ventnor	or	om	44	50	6	3	0.0
Portsmouth (S'thsea)	or₀	or₀	44	48	2	-	0.0
Bognor	oir	oir	45	44	6	3	0.0
Littlehampton	cre	cdcr	44	43	4	-	0.0
Worthing	cd	cdr	44	45	4	1	0.1
Brighton	oro	opo	43	57	5	-	0.0
Eastbourne	ir₀oro	oiro	46	52	5	1	0.0
Hastings‖	ocod	oprr	43	51	5	5	0.2
Folkestone	omco	orrm	43	45	4	4	0.4
Dover	c	cor	44	45	1	4	0.0
Tunbridge Wells	odo	dmo	41	44	9	0.5	0.0
Ramsgate	o	or	44	45	1	2	0.0
Margate	oc	or	43	50	4	2	0.0
Deal	o	orr	43	51	1	3	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ₱ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‡ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. # 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24107 Wednesday 23rd November 1927.

Observations at 18h. G.M.T. 22nd

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1020·0	-3	SE	8	ore	40	97	7	4000	Nb	10	-	10	•
Stornoway	1012·4	-2	SE	7	c	45	85	7	4000	StCu	9	-	9	•
Wick	1015·0	-2	SE	7	ore	45	92	7	1500	Nb	10	-	10	•
Tiree	1012·5	-1	ESE	2	c+	46	85	9	2500	StCu	9	-	9	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1015·8	-2	SE	5	ore	44	97	6	1500	Nb	10	-	10	2
Malin Head	1011·8	-1	NE	2	c	46	85	8	4000	StCu	8	-	8	•
Renfrew	1011·8	-2	ENE	2	odd	44	97	4	800	St	10	-	10	1
Edinburgh (Inchkeith)	1011·3	-2	E	2	o-	45	97	8	450	St	10	-	10	•
Leuchars	1012·6	-3	ESE	5	odd	45	97	6	220	Nb	10	-	10	2
Eskdalemuir	1012·6	-1	SSE	2	o	43	92	6	1500	St	10	-	10	2
Tynemouth	1012·3	+2	S	1	ohr	47	97	6	1500	Nb	10	-	10	•
Blacksod Point	1011·4	0	-	0	c	47	85	7	*	StCu	8	-	8	•
Donaghadee	1012·7	0	W	1	c+	43	92	7	5700	StCu	6	ASt	10	•
Birr Castle	1011·5	•	NW	2	bc-	43	85	7	2500	Cu	7	-	7	•
Holyhead	1010·4	0	E'S	1	c	45	85	6	4000	StCu	9	ASt	10	1
Liverpool (Bidston)	1011·4	-1	ESE	2	fc+	42	97	3	2500	St	8	ACu	9	•
Chester (Sealand)	1011·2	-1	SE	2	o	42	92	5	800	St	10	-	10	2
Harrogate	1012·5	0	S	1	ore	43	97	1	450	St	10	-	10	•
Spurn Head	1013·2	+1	ESE	5	o	45	97	5	800	St	10	-	10	•
Birmingham (Edgbaston)	1012·2	0	SSE	2	or-	46	97	4	800	Nb	10	-	10	2
Cranwell	1013·0	0	SE'S	3	o/m	46	97	6	450	St	10	-	10	2
Gorleston	1014·1	+1	ESE	4	c	45	85	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1013·3	-1	NE	1	c	47	75	8	1500	St	10	-	10	2
Roches Point	1012·4	0	NE	2	c	46	85	8	2500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1009·7	+2	ENE	3	c	46	97	6	800	StCu	10	-	10	•
Ross-on-Wye	1011·0	0	NW	1	ffo	44	97	1	450	St	10	-	10	2
Leafield	1011·6	+1	SEE	2	o	46	97	5	220	St	10	-	10	2
Winchester (Worthy Dn.)	1011·3	-1	E	2	c	50	92	7	2500	St	4	CuSt	8	2
S. Farnborough	1011·7	0	E	2	fo-	47	97	5	450	St	10	-	10	2
London (Kew Obsy.)	1012·5	0	E'N	3	fo-	46	97	2	450	St	10	-	10	2
Croydon	1012·1	+1	NE	3	mmo	47	97	4	220	St	10	-	10	2
Shoeburyness	1012·7	+1	ENE	2	bc/m	48	92	6	4000	Cu	5	-	5	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1013·3	-1	E	2	b	48	85	7	-	-	0	ACu	1	1
Lympne	1011·1	-2	NEE	3	b	50	75	6	-	-	0	Cu	1	2
Scilly (St. Mary's)	1011·2	+3	NW'N	3	c	50	85	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1008·1	0	WNW	3	c	53	85	7	4000	StCu	9	-	9	•
Plymouth (Cattewater)	1009·2	-1	S	5	c+	53	85	7	1500	Nb	9	ASt	10	2
Portland Bill	1010·6	-1	S	2	c+	54	85	8	2500	CuNb	1	Cu	8	•
Southampton (Calshot)	1011·5	-2	E'S	3	bc+	50	92	6	2500	Cu	4	Cu	7	2
Dungeness	1011·9	-2	NE	2	bc+	51	85	7	-	-	0	CuSt	4	•
Guernsey (Fort George)	1011·0	-2	-	0	fbc+	50	97	3	450	St	3	-	3	•

Observations at 18h. G.M.T. 22nd

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1017·3	-3	SE	8	ore	40	92	7	4000	Nb	10	-	10	•
Stornoway	1010·8	-2	SE	1	ore+	44	85	7	2500	St	10	-	10	0
Wick	1013·7	-1	SSE	6	or	45	92	7	1500	Nb	10	-	10	7
Tiree	1011·9	0	-	0	c	43	85	9	2500	StCu	10	-	10	0
Nairn	1010·3	•	E	2	c	46	75	8	4000	CuNb	8	-	8	•
Aberdeen	1014·9	-1	SE	5	ore	45	97	6	1500	Nb	10	-	10	5
Malin Head	1011·5	-1	SSE	1	bc	42	~~85~~	8	5700	StCu	4	ACu	4	0
Renfrew	1011·7	0	S	1	od	44	97	4	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1012·0	0	E	2	o	47	92	7	450	St	10	-	10	0
Leuchars	1012·8	+1	SE	5	o	47	97	6	800	St	10	-	10	•
Eskdalemuir	1012·0	+1	SE	2	o	43	97	6	1500	St	10	-	10	•
Tynemouth	1013·3	+1	SE	3	ojp	45	97	6	1500	Nb	10	-	10	6
Blacksod Point	1011·2	-1	SW	1	c	47	85	6	*	StCu	10	-	10	1
Donaghadee	1012·8	0	-	0	c	42	97	7	5700	StCu	5	ASt	10	0
Birr Castle	1011·5	•	W	1	c+	40	92	7	2500	StCu	9	-	9	•
Holyhead	1010·7	0	-	0	c	45	92	6	4000	St	7	ASt	9	0
Liverpool (Bidston)	1011·7	+1	ESE	3	ffo	43	97	3	1500	St	10	-	10	•
Chester (Sealand)	1011·2	0	SE'S	2	ofr	43	97	5	1500	Nb	10	-	10	•
Harrogate	1013·2	+1	SE	1	o	44	97	5	2500	St	10	-	10	•
Spurn Head	1013·7	+1	ESE	4	o	43	92	7	2500	St	10	-	10	5
Birmingham (Edgbaston)	1012·7	+1	SE	2	o	45	97	5	1500	St	10	-	10	•
Cranwell	1013·6	+2	ESE	3	od	43	97	5	450	St	10	-	10	•
Gorleston	1014·0	0	E'N	4	o	40	92	6	2500	Nb	10	-	10	1
Valentia (Cahirciveen)	1013·3	0	NE	1	c	46	85	8	2500	StCu	10	-	10	0
Roches Point	1013·0	+1	N	2	bc	44	97	8	2500	StCu	4	-	4	1
Pembroke (St. Ann's H.)	1010·4	+1	ENE	3	b-	44	97	6	800	StCu	2	-	2	1
Ross-on-Wye	1011·2	0	-	0	Fo+	43	97	1	450	St	10	-	10	•
Leafield	1012·0	+1	ESE	2	ffo	44	97	2	450	St	10	-	10	•
Winchester (Worthy Dn.)	1011·7	+1	-	0	o	44	97	5	450	St	10	-	10	•
S. Farnborough	1012·0	+1	NE	2	ffo	45	97	3	450	St	10	-	10	•
London (Kew Obsy.)	1012·5	+1	E'N	2	fo-	46	85	4	450	St	10	-	10	•
Croydon	1012·4	+1	NE'N	2	mmo	45	92	4	220	St	10	-	10	•
Shoeburyness	1012·7	+1	NE	2	c	44	92	6	4000	StCu	8	ACu	10	•
Clacton-on-Sea	1012·8	0	ENE	4	bc	45	85	6	5000	StCu	5	ACu	7	2
Felixstowe	1013·5	+1	ENE	4	c	43	85	6	1500	StCu	10	-	10	6
Lympne	1011·8	0	NNE	4	b	41	92	6	-	-	0	-	0	•
Scilly (St. Mary's)	1011·1	+2	NNW	5	c/r	48	92	7	4000	CuNb	10	-	10	4
Falmouth (Pendennis)	1010·1	+4	N	3	c	49	85	7	4000	StCu	9	-	9	1
Plymouth (Cattewater)	1007·0	0	E	3	cR	51	97	7	800	St	9	-	9	2
Portland Bill	1010·3	+1	SSE	2	bc-	52	85	8	2500	CuNb	3	CuCu	6	2
Southampton (Calshot)	1011·7	+1	NNW	2	bc-	45	97	6	-	-	0	Cu	3	0
Dungeness	1011·9	0	ENE	3	bc	47	85	7	1500	Cu	3	-	3	3
Guernsey (Fort George)	1011·1	+2	-	0	b/m	48	97	6	-	-	0	-	0	1

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility. §§
Kew } 24 hours ended 7h.	18	ofew	ofw	omw	48	37	37	0·1	Tr	0·0	*	*	5
Croydon } 24 hours ended 7h.	244	bofbw	ozm	omcom	49	36	36	-	-	2·5	*	*	4
Greenwich (Royal Obsy.)	149	cf	cfc	cod.g	47	36	36	-	Tr	0·0	93	92	4
City (Bunhill Row)	30	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	48	37	34	-	-	0·0	85	90	*
Regent's Pk. (Botanic Gdns).	108	*	*	*	*	*	*	*	*	0·0	*	*	*
Camden Square	110	fe	ofo	*	46	36	37	Trace		*	*	93	*
Kensington Palace	80	og	og	*	47	37	37	-	-	*	(At 18h) 100	90	*
Hampstead Observatory	450	*	*	*	46	32	30	Tr	Tr	0·0	*	98	*

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 23rd

South Kensington

Max.	Time.	Min.	Time.
2·0	10h. 22nd	<0·3	3h. 23rd

Kew Observatory

Max.	Time.	Min.	Time.
1·0	11h. 22nd	<0·3	3h. 23rd

POLE STAR RECORD at Greenwich Obsy.

Exposure from 22nd 17h. 0m. to 23rd 6h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13 30	Nil	-
δ Ursae Minoris	13 30	Nil	-

CODE FOR STATE OF GROUND.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

23rd–24th Nov., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·30	11·39	15·48
	7·31	11·40	15·47
Greenwich	7·32	11·46	16·0
	7·34	11·46	15·59
Wick	8·20	11·59	15·37
	8·22	11·59	15·35
Valentia	8·15	12·27	16·39
	8·16	12·27	16·38

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ☾ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; ~ = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 39 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0 = no swell } Calm or slight sea.
1 = mod. swell } Calm or slight sea.
2 = heavy swell } Calm or slight sea.
3 = no swell } Moderate sea.
4 = mod. swell } Moderate sea.
5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ „
6. Moderate.	6½ „
7. Good.	13½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 „	

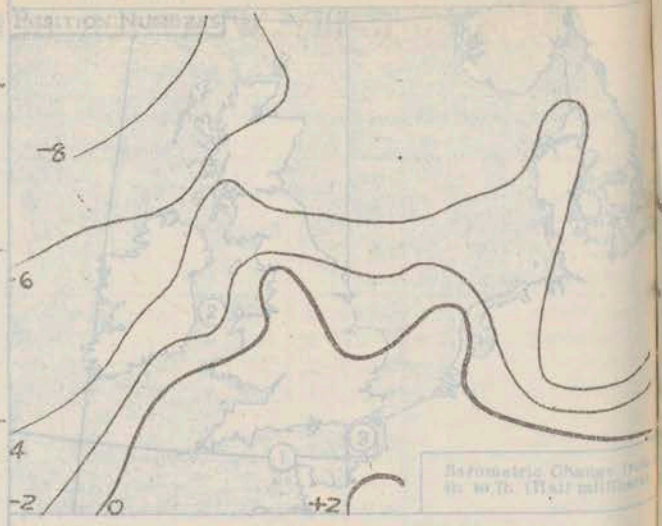
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

23rd November

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 22nd.	Weather. 18h.-18h. 22nd.	Weather. 18h.-22h. to 1h.-23h.	Weather. 1h.-7h. 23rd.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall† Day. 7h.-18h. mm.	Rainfall† Day. 7h.-18h. began.	Rainfall† Night. 18h.-7h. mm.	Rainfall† Night. 18h.-7h. began.	Sun 22nd. Hours.
Lerwick	orr	orr	obr c	c	40	39	.	6	<8·00	2	<21·00	0·0
Stornoway	c	c	c	o	45	42	.	Trace	.	Trace	.	0·0
Wick	rr	orrir	ors c	cbr cq	46	43	.	5	<8·00	1	<21·00	.
Tiree	bcco	co	bcco	orr	46	41	39	–	–	0·1	2·30	0·0
Nairn	cd	cq	c	c	46	44	.	0·3	<8·00	–	–	0·0
Aberdeen	orrm	orrm	orm	orm	45	40	40	8	<8·00	1	<21·00	0·0
Malin Head	c	c bc	bccobcb	borr	46	38	.	–	–	3	2.30	1·5
Renfrew	od orr	omdff	orm	orm	44	42	41	0·3	<8·00	0·2	<21·00	0·0
Edinburgh (Inchkeith)	orc	o	id o	o	47	42	39	0·1	9·00	Trace	–	0·0
Leuchars	odd	ddom	ord	oid	47	42	41	2	<8·00	1	<21·00	0·0
Eskdalemuir	orom	cmom	odm	om	43	39	38	0·3	9·00	1	<21·00	0·0
Tynemouth	orm	orm	oq	oq	47	40	39	1	<8·00	–	–	.
Blacksod Point ...	oc	pco	bo	oRR	47	45	.	Trace	.	6	.	.
Donaghadee	co	o	qm	mcbc	44	38	.	–	–	–	–	.
Birr Castle	cbc	bcc	com	orr	45	34	27	–	–	1	–	2.7
Holyhead	cm	cm	obcm	cm	46	43	41	–	–	–	–	0·0
Liverpool (Bidston) ...	ofmf	md of	ordm	obm	43	42	41	0·3	<8·00	1	<21·00	0·0
Chester (Sealand) ...	od ffm	ocrm	rm	irm	43	43	41	1	<8·00	1	<21·00	0·0
Harrogate	offdir	offird	oifid	oid	44	36	36	1	9.00	0·5	<21·00	0·0
Spurn Head	oc	os	o	o	47	39	.	–	–	–	–	0·0
Birmingham (Edgbaston)	fo	or co	o	omd	46	37	37	1	12·30	Trace	5·30	0·0
Cranwell	ofmo	omdr	oddom	o	46	36	36	Trace	17·30	0·1	<21·00	0·0
Gorleston	oc	co	oc	c	48	36	34	–	–	–	–	0·0
Valentia (Cahirciveen)	o	o	oco	or	48	44	38	–	–	3	2.30	0·0
Roches Point	c	cbc	bcc	cir	47	41	.	–	–	0·2	5·30	.
Pembroke (St. Ann's H.)	om	bcbm	bbc	bc	47	42		–	–	–	–	0·0
Ross-on-Wye	FF	ofcfoff	fe ofm	om	45	42	40	0·1	–	Trace	–	0·0
Leafield	ofcmo	omff	fom	omm	46	37	37	Trace	–	Trace	6·30	0·0
Winchester (Worthy Dn.)	cfmc	Com	omm	omd	50	40	39	0·2	–	Trace	4·30	0·5
S. Farnborough ...	F	omf	ofm	omad	47	38	38	–	–	Trace	6·30	0·0
London (Kew Obsy.) ...	ofw	ofw	omw	omw	48	37	37	0·1	<8·00	Trace	–	0·0
Croydon	bofbm	ocmm	omem	om	49	36	36	–	–	–	–	2·5
Shoeburyness	bfomc	bcm	o	o	50	35	35	–	–	–	–	2·0
Clacton-on-Sea ...	bc	bcc	c	co	48	35	35	–	–	–	–	2·2
Felixstowe	obcm	bcm	cm	cm	48	36	36	–	–	–	–	1·4
Lympne	bfbm	bm	bbccm	com	50	36	33	–	–	–	–	7·7
Scilly (St. Mary's) ...	cm	cir	cb	cbcc	51	46	.	Trace	17.30	Trace	<21·00	0·4
Falmouth (Pendennis)	c	cr	cbc	bc	54	46	.	1	15·30	–	–	0·6
Plymouth (Cattewater)	cpr	cyorm	cb	becm	54	48	46	2	<8·00	Trace	<21·00	0·1
Portland Bill	bc	c	bcom	obcoz	55	47	.	–	–	–	–	
Southampton (Calshot)	bcmm	bmbwo	omow	owo	51	47	38	0·1	–	–	–	4·4
Dungeness	bbc	bc	bcc	c	54	38	.	–	–	–	–	.
Guernsey ...	bbcbff	bbcbifm	bbcifw	bcodr	53	46	.	Trace	<8·00	1	<21·00	5·7



Observations from Cross Channel Steamers

Month.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	
2	22 10h	Cambria	ENE	3	c	48	53	6
1	" 12h	Reindeer	SE	3	bc-	52	54	7
3	23 2h	Arundel	NE	4	c+	45	54	6

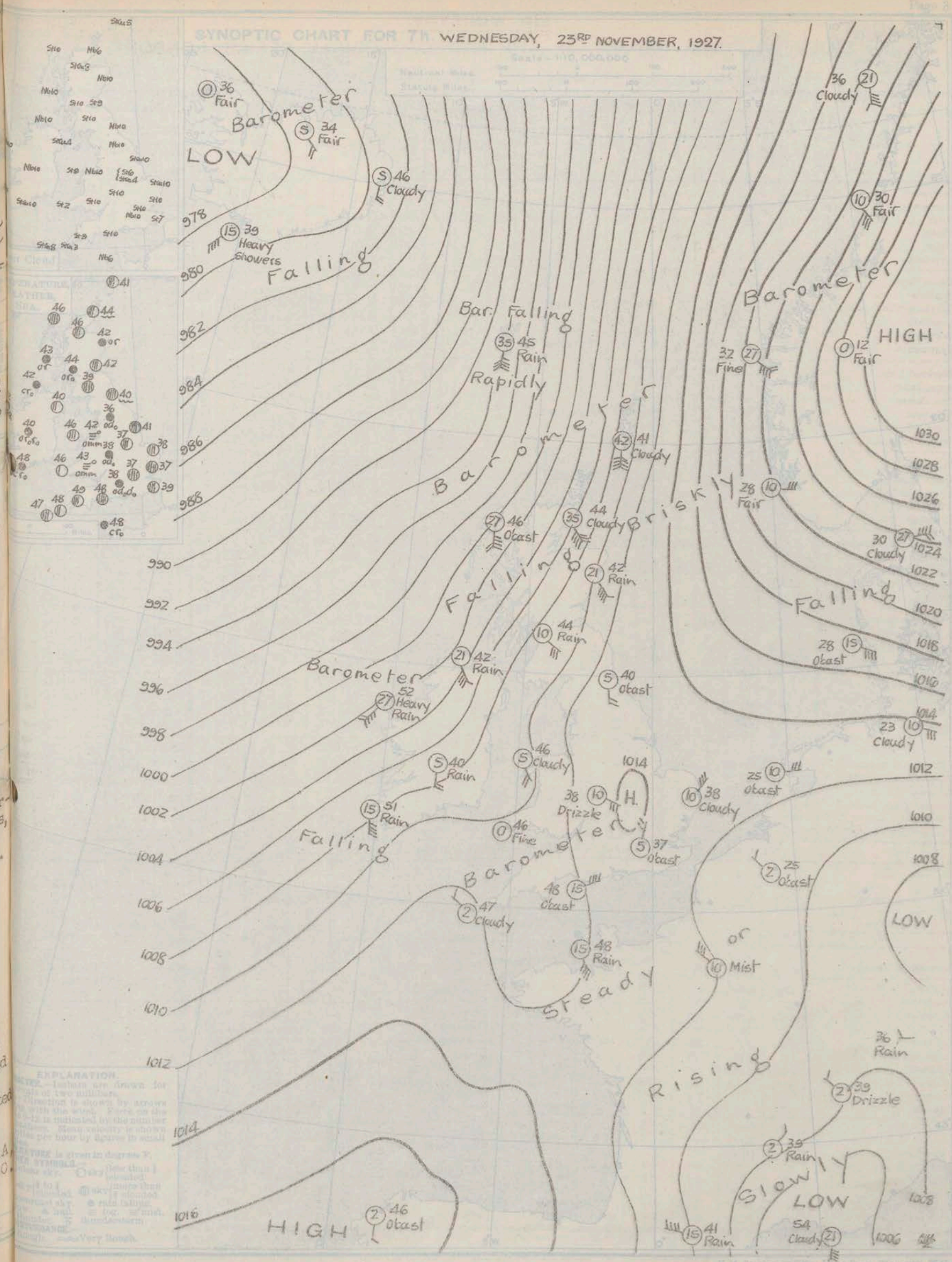
GENERAL INFERENCE.

A deep depression is approaching Iceland from the Southwest and deepening while the anticyclone over N.W. Europe is decreasing in intensity. Another anticyclone is developing over the Iberian Peninsula. Weather will be cloudy with some rain or drizzle in most places. Winds will become generally southwesterly and approach a gale at times in western and northern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 23rd November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Variable winds, mainly light to moderate; dull with local drizzle at first, probably improving temporarily; local mist or fog, night and morning; rather low to moderate temperature.	Unsettled in the Northwest; probably considerable fair periods, apart from local fog, in the South.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Winds freshening from S.W. to strong at times then moderating; dull with rain at first, fair periods later; perhaps mist or fog locally; rather mild to moderate temperature.	
11. S.E. Scotland ▼ 12. S.W. Scotland & Isle of Man ▼ 13 {A. W. Scotland ▼ B. N.W. Scotland ▼} 14. Mid-Scotland 15. N.E. Scotland ▼ 16. Orkneys and Shetlands ▼ 17. N.W. Ireland ▼ 18. N.E. Ireland ▼	S. to S.W. winds, moderate to strong, approaching a gale at times, moderating tomorrow; dull and rainy at first, fair periods later; rather mild to moderate temperature.	▼ South Cone still flying in districts 15 and 16. South Cone hoisted at 0830 G.M.T. to-day in districts 11, 12, 13A, 13B, 17, 18 and 20.
19. S.E. Ireland 20. S.W. Ireland ▼	As 5 - 10.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950 G.M.T. G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h WEDNESDAY, 23RD NOVEMBER, 1927.
LOW
Barometer
Falling
Rapidly
Bar. Falling
Barometer
Falling
Barometer
Falling
Barometer
Steady
Rising
Slowly
HIGH
LOW
LOW
HIGH
978
980
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
36 Fair
34 Fair
46 Cloudy
39 Heavy Showers
45 Rain
41 Cloudy
46 Ovcast
44 Cloudy
42 Rain
44 Rain
42 Rain
40 Ovcast
52 Heavy Rain
40 Rain
46 Cloudy
51 Rain
46 Fine
38 Drizzle
37 Ovcast
47 Cloudy
48 Ovcast
48 Rain
46 Ovcast
41 Rain
54 Cloudy
39 Drizzle
39 Rain
36 Rain
25 Ovcast
38 Cloudy
25 Ovcast
23 Cloudy
28 Ovcast
30 Cloudy
28 Fair
32 Fine
36 Cloudy
30 Fair
12 Fair

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Wednesday 23rd November 1927. No. 327.

Stations.	Height above M.S.L. in feet.	Obs. at 1h. G.M.T. 23rd. Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Obs. at 7h. G.M.T. 23rd. Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	64	1014·4	-3	S	8	c	41	85	7	-	-	0	asc	10	1009·5	-4	S	8	c	41	92	8	5700	Sc Cu	5	asc	10	•
Stornoway	30	1007·7	-3	WSW	5	c	•	•	6	•	•	•	•	10	999·7	-7	S	6	o	46	85	6	2500	Sc	10	-	10	5
Wick	81	1011·1	-1	SSE	6	c	44	97	8	1500	Nb	8	asc	10	1005·8	-6	SSE	7	c	44	92	8	1500	Nb	6	asc	10	7
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1002·5	-7	SE	5	or	43	92	7	1500	Nb	10	-	10	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·9	•	-	0	c	46	85	7	4000	Sc Cu	8	-	8	•
Aberdeen	48	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·1	-5	SE'S	4	or	42	92	6	1500	Nb	10	-	10	5
Malin Head	51	1009·5	-1	SSE	2	b	39	92	7	-	-	0	-	0	1002·9	-6	SSE	5	co	42	97	7	4000	Nb	6	asc	10	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·1	-3	SE	3	or	44	97	6	1500	Sc	10	-	10	•
Edinburgh (Inchkeith)	190	1011·3	-1	SE	3	c-	44	92	8	800	Sc	8	-	8	1008·7	-3	S	3	co	42	92	7	800	Sc	9	-	9	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·4	-4	SSE	5	o	42	85	7	1500	Sc	10	-	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·1	-3	SSE	3	o	39	92	6	1500	Sc	10	-	10	•
Tynemouth	67	1013·7	0	SE	4	o	43	92	7	1500	Nb	10	-	10	1012·6	-2	S	2	o	40	85	7	1500	Nb	10	-	10	6
Blacksod Point ...	18	1007·6	-3	S	5	c+	47	85	7	-	Sc Cu	10	-	10	1002·5	-4	SW	6	oRR	52	92	6	•	Nb	10	-	10	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·9	-2	WSW	1	bc-	40	97	7	5700	Sc Cu	4	-	4	0
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·2	•	S	2	oor	40	97	6	800	Nb	10	-	10	•
Holyhead	26	1011·0	0	SSE	1	c+	44	92	6	4000	Sc Cu	9	-	9	1009·7	-2	SSE	2	c	46	92	6	2500	Sc	9	-	9	0
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·1	-1	SE'E	4	mmo	42	97	4	1500	Nb	10	-	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·1	-1	SE'S	3	o/r	43	92	6	800	Sc	10	-	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·3	0	SSE	2	od	36	97	5	2500	Nb	10	-	10	•
Spurn Head	39	1014·0	0	ESE	5	o	40	85	7	4000	Nb	10	-	10	1012·6	-1	ESE	3	c	41	75	8	4000	Sc Cu	10	-	10	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·1	0	ESE	3	od	38	97	4	800	Sc	10	-	10	•
Cranwell	236	1014·5	0	E'S	3	o/d	38	97	5	450	Sc	10	-	10	1014·6	0	-	0	c	37	97	6	800	Sc	10	-	10	•
Gorleston	14	1013·8	0	NE	3	c	36	85	6	-	-	0	asc	10	1012·3	-1	NE'N	3	c	38	85	7	4000	Sc Cu	10	-	10	1
Valentia (Cahirciveen) ‖	30	1011·4	-1	S	2	od+	49	97	8	-	Sc	10	-	10	1007·0	-4	S'E	4	oor	51	97	6	450	Sc	10	-	10	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·4	-3	SW	3	co	48	92	8	1500	Sc Cu	10	-	10	1
Pembroke (St. Ann's H.)	150	1010·5	0	N'W	3	bc+	46	92	7	1500	Sc Cu	5	-	5	1010·2	0	-	0	b	46	92	7	1500	Sc	2	-	2	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·9	0	SE	2	mmo	43	92	4	450	Sc	10	-	10	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·6	0	E	3	od	37	97	4	220	Sc	10	-	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·7	+1	E'N	1	od	40	97	5	220	Sc	10	-	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·7	+1	E'N	2	odd	38	97	4	800	Nb	10	-	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	42	•	•	•	•	•	•	•	1013·5	+1	N'E	2	o	37	92	5	800	Sc	10	-	10	•
Croydon	244	1012·8	+1	NE	3	o	40	97	6	800	Sc	10	-	10	1013·3	+1	NE'E	2	o	36	97	5	450	Sc	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·1	0	N'E	3	o	36	92	8	800	Sc	10	-	10	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·6	0	N	4	o	37	85	7	4000	Sc	10	-	10	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·0	0	N'W	2	c	37	85	6	1500	Sc Cu	10	-	10	1
Lympne	350	1012·2	0	N	5	c	39	92	6	2500	Sc Cu	10	-	10	1012·0	+1	NNW	4	o	37	92	6	800	Sc	10	-	10	•
Scilly (St. Mary's) ...	163	1012·8	+1	NNW	3	c	49	85	7	4000	Sc Cu	8	-	8	1012·4	0	NW	1	c	47	85	8	4000	Sc Cu	8	-	8	1
Falmouth (Pendennis)	200	1011·1	+1	NW'N	2	bc	47	85	7	4000	Sc Cu	4	-	4	1011·5	0	NW'N	2	bc	48	92	7	4000	Sc Cu	3	-	3	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·3	0	NW	3	c+	49	92	6	1500	Sc	9	-	9	0
Portland Bill	32	1010·6	0	NE	4	o	48	92	5	1500	Sc	10	-	10	1011·1	+1	ENE	4	o	48	92	6	1500	Sc	10	-	10	1
Southampton (Calshot)	10	1012·2	0	NE'E	3	o	43	92	7	2500	Sc	10	-	10	1012·7	+1	ENE	2	o	42	85	6	1500	Sc	10	-	10	0
Dungeness	20	1012·1	+2	E	3	c+	41	92	7	-	-	0	-	10	1012·5	+1	NNE	3	c	39	92	6	800	Sc	7	asc	10	2
Guernsey (Fort George) ‖	295	1010·9	0	-	0	b-	41	97	5	-	-	0	-	0	1011·6	0	SSE	4	co	48	92	7	1500	Nb	9	-	9	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd November

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 21st to 9h. 22nd. °F	Temperature. Max. 9h.-17h. 22nd. °F.	Rainfall.† Night 17h.-9h. 21st-22nd. mm.	Rainfall.† Day 9h.-17h. 22nd. mm.	Sunshine. Sunrise to Sunset. 22nd. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	or	ro	41	46	2	1	0·0
Douglas (I. o. M.) ...	odd	odd	41	45	-	1	0·0
Llandudno ...	c	c	38	45	0·3	-	0·0
Colwyn Bay ...	odo	oco	39	46	0·3	(Trace)	0·1
Rhyl	c	c	39	45	1	-	0·3
Wallasey	fo	or	38	44	0·3	0·3	0·0
Southport	o	or	*39	44	-	0·3	0·0
Blackpool	ome	ome	39	44	-	0·1	0·0
Ilkley	mo	dm	36	44	1	1	0·0
Cleethorpes... ...	o	o	38	47	3	-	0.0
Skegness	odo	co	40	48	2	(Trace)	0·0
Aberystwyth ...	rqf	fmr	40	45	0·5	0·3	0·0
Bath	fcbc	bcc	42	51	1	-	0·3
Cheltenham ...	mco	obc	41	50	0·3	-	0·0
Leamington Spa ...	o	o	39	48	0·5	-	0·0
Lowestoft	c	c	40	46	3	-	0·0
Felixstowe	cm	bcc	43	47	1	-	1·5
Harwich & Dovercourt	dcm	bcm	42	48	1	Trace	1·2
Southend	fbc	bcoc	41	48	1	-	1·7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o	o	43	52	0·1	-	0·0
Bude	oe	oe	43	53	0·2	0·2	0·0
Penzance	c	c	46	52	2	-	0·1
Paignton	cm	cop	42	56	5	Trace	2·5
Torquay	bcc	orp	45	56	5	Trace	2·9
Jersey	f	b	41	54	Trace	Trace	4·0
Weymouth	cbc	cb	43	56	3	-	5·5
Bournemouth ...	fb	bf	40	54	1	-	5.4
Ventnor ...	rbc	b	46	55	1	-	6·8
Portsmouth (S'thsea)	b	bbcm	42	53	2	-	6·0
Bognor	bc	bccbc	43	52	2	-	6·2
Littlehampton ...	b	bbc	43	51	2	-	6·5
Worthing	b	bbc	41	51	1	-	6·7
Brighton	b	b	42	54	Trace	-	6·3
Eastbourne	mbcb	bbc	42	52	5	-	6·7
Hastings‖	bcfbc	bcb	46	53	2	-	?
Folkestone	bw3	b3	43	51	5	-	6·9
Dover	mbcb	b	39	52	1	-	6·9
Tunbridge Wells ...	ocbc	cbc	40	52	2	-	3·4
Ramsgate	bcb	b	45	50	6	-	6·3
Margate	bc	bc	45	50	4	-	6·8
Deal	bcb	b	37	48	7	-	5·7

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‖ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. ‡ See footnote page

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24108 Thursday 24th November 1927.

Observations at 13h. G.M.T. 23rd — Observations at 18h. G.M.T. 23rd

STATIONS. (For heights see p.4).	13h Barom. at M.S.L. mb.	13h Change in 3 Hours.‡	13h Wind Direc.	13h Wind Force 0-12	13h Weather.	13h Temp. °F.	13h Humidity. %	13h Visibility.§ 0-9	13h Cloud Low Height Feet	13h Cloud Low Form	13h Cloud Low Amt. 0-10	13h Upper Form.	13h Total Amt. 0-10	State of ground.	18h Barom. at M.S.L. mb.	18h Change in 3 Hours.‡	18h Wind Direc.	18h Wind Force 0-12	18h Weather.	18h Temp. °F.	18h Humidity. %	18h Visibility.§ 0-9	18h Cloud Low Height Feet	18h Cloud Low Form	18h Cloud Low Amt. 0-10	18h Upper Form.	18h Total Amt. 0-10	Sea. 0-9
Lerwick	1001·5	{-13}	S	8	c	41	85	8	5700	St.Cu	5	A.St	10	•	991·8	-15	SE	10	or	43	92	7	4000	Nb	10	-	10	•
Stornoway	990·1	-12	S	1	orr	46	92	6	2500	St	10	-	10	•	981·3	-7	SSW	7	orr	49	97	6	1500	Nb	10	-	10	6
Wick	999·0	-6	SSE	8	or	45	85	8	1500	Nb	10	-	10	•	988·8	-14	SSE	8	o	44	85	7	1500	Nb	10	-	10	7
Tiree	995·9	-8	SW	7	orr	46	97	7	1500	Nb	10	-	10		988·2	-8	SW	8	or$_0$r$_0$	50	97	7	800	Nb	10	-	10	7
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•		988·1	•	S	5	c+	49	75	8	1500	St	9	-	9	•
Aberdeen	1004·5	-7	SSE	5	o	44	85	6	1500	Nb	10	-	10	2	997·3	-10	SSE	5	orr	44	92	6	1500	Nb	10	-	10	5
Malin Head	996·0	-9	S'E	6	crr	47	97	6	4000	Nb	6	A.St	10	•	991·5	-3	S	6	cdd	51	97	6	2500	Nb	6	A.St	10	3
Renfrew	1003·8	-5	SSE	3	or+	46	92	6	450	Nb	10	-	10	1	996·7	-9	S	7	orr	49	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1004·8	-5	SE	3	o+	43	85	7	450	St	10	-	10	•	997·9	-6	S	3	c-	45	85	8	4000	St.Cu	6	A.Cu	9	1
Leuchars	1004·6	-6	SSE	4	c	43	85	7	1500	St	7	A.St	10	2	997·7	-9	SSE	5	cr$_0$r$_0$	45	85	7	1500	Nb	8	A.St	10	•
Eskdalemuir	1006·0	-6	S	4	o	39	92	6	450	St	10	-	10	2	1000·7	-6	S'W	6	orr	43	97	5	450	Nb	10	-	10	•
Tynemouth	1008·7	-4	S	3	o	41	92	7	1500	Nb	10	-	10	•	1005·4	-5	S	3	o/pr$_0$	40	97	7	1500	Nb	10	-	10	4
Blacksod Point	995·9	-5	S	8	oRR	52	92	5	•	Nb	10	-	10	•	994·8	+2	SW	8	oRR	53	92	5	•	Nb	10	-	10	8
Donaghadee	1004·0	-5	SW	4	cgr$_0$	45	97	7	1500	Nb	9	-	9	•	999·8	-5	SW	6	orr	49	97	6	1500	Nb	10	-	10	3
Birr Castle	1002·9	•	S	3	orr	47	97	6	800	Nb	10	-	10	•	998·9	•	S	4	or$_0$	53	92	6	800	Nb	10	-	10	•
Holyhead	1007·2	-4	SSW	5	c/r$_0$	50	75	6	1500	St.Cu	6	A.St	10	1	1004·2	-4	S'W	5	cr$_0$r$_0$	50	92	6	800	Nb	8	A.St	10	4
Liverpool (Bidston)	1009·1	-3	SSE	4	o	42	97	5	2500	St	10	-	10	•	1006·3	-4	SE'S	4	or+	44	97	6	1500	Nb	10	-	10	•
Chester (Sealand)	1009·6	-3	SSE	4	od$_0$	42	92	4	450	St	10	-	10	2	1006·7	-3	SSE	3	or$_0$r$_0$	44	92	3	450	St	10	-	10	•
Harrogate	1010·6	-2	S	3	o	37	92	5	2500	St	10	-	10	•	1007·5	-1	S	4	o	38	97	5	2500	St	10	-	10	•
Spurn Head	1011·1	-2	S	3	c	41	75	8	4000	St.Cu	9	-	9	•	1009·1	-1	S	5	o	40	85	7	4000	Nb	10	-	10	3
Birmingham (Edgbaston)	1011·8	-2	SSE	3	mmo	38	97	4	800	St	10	-	10	2	1010·0	-2	SSE	3	ffo	41	97	3	800	St	10	-	10	•
Cranwell	1013·5	+1	SSW	2	c	39	92	6	1500	St.Cu	10	-	10	2	1011·8	-2	S'E	3	c	37	97	6	1500	St	10	-	10	•
Gorleston	1012·7	0	W'N	2	c	38	85	7	2500	St.Cu	10	-	10	2	1013·5	+1	S'W	2	c	38	85	6	-	-	0	A.St	10	0
Valentia (Cahirciveen)	1004·1	-4	S	5	cr$_0$	54	92	7	800	St	10	-	10	2	1002·0	0	SW	5	or$_0$r$_0$	54	92	6	800	St	10	-	10	4
Roches Point	1007·1	-3	SW	3	orr	51	97	7	800	St	10	-	10	•	1004·5	-5	SW	4	od	52	97	7	800	St	10	-	10	4
Pembroke (St. Ann's H.)	1009·3	-2	SSW	4	c+	50	85	7	1500	St.Cu	10	-	10	•	1006·9	-3	SW'S	5	crr	51	97	7	800	Cu.Nb	10	-	10	4
Ross-on-Wye	1011·4	-2	SSW	2	od$_0$	43	92	4	800	St	10	-	10	2	1009·7	-1	S	3	o/d	46	92	5	800	St	10	-	10	•
Leafield	1012·0	-2	SE	3	FFo	38	97	1	220	St	10	-	10	2	1011·6	0	SE'S	3	FFo	39	97	1	<150	St	10	-	10	•
Winchester (Worthy Dn.)	1012·7	0	E'S	2	{om}	41	97	4	450	St	10	-	10	2	1012·6	0	SE'S	3	od$_0$	43	97	4	450	St	10	-	10	•
S. Farnborough	1013·0	-1	E	1	o	39	97	5	800	St	10	-	10	2	1012·9	0	SSE	2	mmo	40	92	4	800	St	10	-	10	•
London (Kew Obsy.)	1013·8	0	NW	1	o	38	97	5	800	St	10	-	10	2	1013·6	-1	-	0	o	39	92	5	800	St	10	-	10	•
Croydon	1013·5	-1	-	0	oddd	37	97	3	220	St	10	-	10	2	1013·5	0	SSE	1	mmo	38	97	4	450	St	10	-	10	•
Shoeburyness	1014·8	+1	N'W	3	c	39	85	8	2500	St	7	A.St	10	•	1014·1	+1	S'E	2	o	38	92	7	2500	St	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·0	+1	WNW	3	o	39	85	6	4000	Nb	10	-	10	1
Felixstowe	1013·6	0	NW'N	1	c	39	85	6	1500	St.Cu	10	-	10	1	1014·4	+1	SW'S	2	c	39	85	6	2500	St.Cu	10	-	10	0
Lympne	1013·5	0	WNW	2	o	37	85	6	800	St	10	-	10	1	1014·6	+1	SSE	1	o	35	92	6	1500	St	10	-	10	•
Scilly (St. Mary's)	1012·3	-2	SW	4	cd	48	97	6	4000	Cu.Nb	10	-	10	•	1011·2	-1	SW'S	4	orr	51	97	6	4000	Nb	10	-	10	4
Falmouth (Pendennis)	1012·2	-1	SW'W	3	c+	50	85	8	4000	St.Cu	4	Ci.St	10	•	1011·2	0	SW	4	or+	50	97	6	4000	Nb	10	-	10	1
Plymouth (Cattewater)	1011·4	0	NW	3	c	51	85	7	4000	St.Cu	4	Ci.St	9	2	1011·6	0	SW	4	crr	49	97	8	800	Nb	9	A.St	10	0
Portland Bill	1011·0	-1	SE	4	c	51	85	6	1500	St.Cu	8	A.St	10	•	1011·6	+1	SW	4	bc-	51	85	6	1500	St	5	-	5	4
Southampton (Calshot)	1013·4	-1	ESE	3	o	43	85	6	1500	St	10	-	10	0	1013·0	0	S'E	4	o/r	48	92	7	1500	St	10	-	10	0
Dungeness	1012·6	+2	NNE	3	c	39	85	7	2500	St.Cu	10	-	10	•	1014·7	+3	NNE	1	c	38	92	7	2500	St.Cu	10	-	10	0
Guernsey (Fort George)	1013·1	-1	S	4	c	48	97	6	1500	St	8	A.St	10	•	1013·8	+2	S'W	3	b	49	85	6	4000	St.Cu	2	-	2	3

LONDON OBSERVATIONS.	Heights above M.S.L. in feet.	Weather (24 hours ended 9h.) Morning.	Afternoon.	Night.	Temperature Max. Day. °F.	Min. Night. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Night.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew } 24 hours ended 7h.	18	omw	om$_0$	bcmrr	40	39	38	-	3	0·0	•	•	5
Croydon } 24 hours ended 7h.	244	omfdd	ofdmc	omrrm	38	38	36	Tr.	3	0·0	•	•	6
Greenwich (Royal Obsy.)	149	og	og	codro	43	42	37	-	3	0·0	97	94	6
City (Bunhill Row)	80			•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	?	38	34	2		0·0	91	93	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0·0	•	•	•
Camden Square	110	og	go	•	43	43	38	-	3	•	•	96	•
Kensington Palace	80	ogf	ogf	•	39	39	?	-	3	•	{At 18h 82}	93	•
Hampstead Observatory	450			•	?	33	31	-	·4	0·0	•	99	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 24th

South Kensington			
Max.	Time	Min.	Time.
1·3	15h 23rd	<0·3	2h 24th

Kew Observatory			
Max.	Time.	Min.	Time.
<0·3 whole period			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 23rd 17h. 0m. to 24th 6h. 30m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.30	0 0	Nil.
δ Ursae Minoris	13.30	0 0	nil.

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

24th & 25th November, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·31 7·33	11·40 11·40	15·47 15·46
Greenwich	7·34 7·35	11·46 11·47	15·59 15·58
Wick	8·22 8·25	11·59 11·59	15·35 15·33
Valentia	8·16 8·18	12·27 12·28	16·38 16·37

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♅ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
/ "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

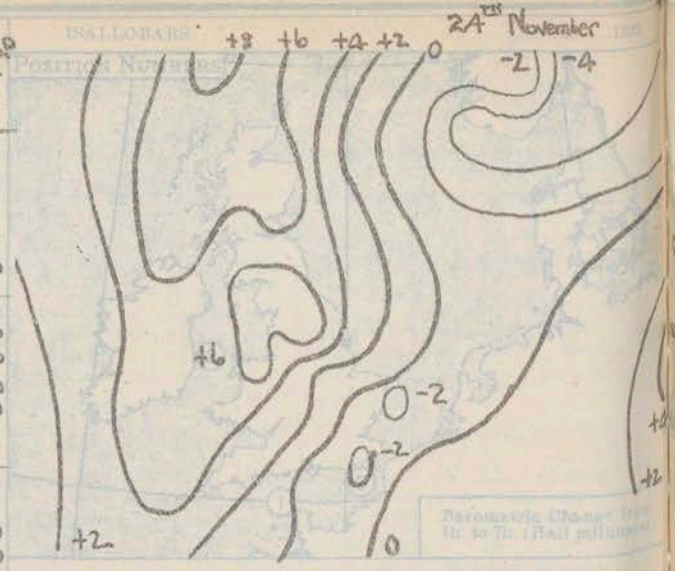
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 23rd	WEATHER. 13h.-18h. 23rd	WEATHER. 18h. 23rd to 1h. 24th	WEATHER. 1h.-7h. 24th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 23h.00 Hours.
Lerwick	c	coir	orr/rs	oRclbb	43	41	•	2	14.30	24	24.00	0.0
Stornoway	r d	r-d	p	orbc	49	41	•	8	*	5	*	0.0
Wick	coir	irrr	Rrr	bbc	45	40	•	3	9.00	2	<21.00	•
Tiree	rro	rro	robc	bcjp	50	45	39	13	18.00	3	21.00	0.0
Nairn	cd	cgq	cqpbc	bc	49	41	•	Trace	11.00	0.4	22.00	0.0
Aberdeen	orirom	omorrm	oirm	oircb	44	40	32	3	<8.00	3	<21.00	0.0
Malin Head	oirmrr	oirmorr	bcpr	bcpr	51	45	•	3	<8.00	2	<21.00	0.0
Renfrew	odm	orrmq	orrDq	cqbc	49	44	39	7	<8.00	4	<21.00	0.0
Edinburgh(Inchkeith)	o	oir c	p	cbc	47	44	40	1	13.00	Trace	22.00	0.0
Leuchars	c	ccrr	rrq	bbc	45	37	29	2	14.30	2	<21.00	0.0
Eskdalemuir	odom	oorrm	orrm	ocmbc	43	39	37	7	9.00	11	<21.00	0.0
Tynemouth	om	o	oir	oir	41	40	38	–	–	3	<21.00	•
Blackrod Point ...	RqR	RqR	bpb	pb	55	42	•	12	*	Trace	*	•
Donaghadee	crr	orrzo	oirc	cbc	49	41	•	6	11.00	2	<21.00	•
Birr Castle	orrm	orrir	oir	bcx	53	39	20	5	<8.00	0.4	<21.00	0.0
Holyhead	cm	rrq	rrirmq	bcb	51	49	46	2	12.30	5	<21.00	0.0
Liverpool (Bidston) ...	mfmm	orm	orrd	oc	44	43	42	1	15.30	4	<21.00	0.0
Chester (Sealand) ...	omd	odrm	orrfm	cpcc	44	44	42	0.3	11.00	3	<21.00	0.0
Harrogate	o	o	orro	ob	38	38	38	–	–	3	<21.00	0.0
Spurn Head	c	o	or	obr	43	39	•	–	–	3	22.00	0.1
Birmingham(Edgbaston)	od	modf	ofrr	oir	41	40	40	Trace	<8.00	6	<21.00	0.0
Cranwell	c	c	rrr	oriro	39	36	36	–	–	2	22.00	0.0
Gorleston	cod c	c	c	corrq	39	38	37	Trace	9.00	2	2.30	0.0
Valentia(Cahirciveen)	Or	oir	oidb	bbcc	55	48	37	7	<8.00	0.2	<21.00	0.0
Roches Point	corr	orr	odo	cbcb	52	45	•	9	<8.00	0.1	<21.00	•
Pembroke(St.Ann's H.)	bcc	crrrq	orrm	cdd	52	50	•	2	14.30	7	<21.00	0.0
Ross-on-Wye	omdm	ddm	orr	oc	46	46	44	0.2	12.30	5	<21.00	0.0
Leafield	oidff	oF	ofarr	orrm	39	39	39	Trace	–	7	<21.00	0.0
Winchester (Worthy Dn.)	odmom	omomd	odmrr	orrma	43	42	41	Trace	<8.00	5	<21.00	0.0
S Farnborough ...	odd	om	omr	orrdm	40	39	39	Trace	<8.00	6	22.00	0.0
London (Kew Obsy.) ...	omw	om	bcmwr	orrc	40	39	38	–	–	3	22.00	0.0
Croydon	omfdd	ofdmc	omcmrr	omrr	38	38	36	Trace	<8.00	3	24.00	0.0
Shoeburyness	o	o	o	or	40	38	37	–	–	3	–	0.0
Clacton-on-Sea	oc	co	o	ogrr	39	38	36	–	–	3	3.30	0.0
Felixstowe	cm	cm	cm	orrm	39	38	38	–	–	3	3.30	0.0
Lympne	om	om	om	ormm	37	34	31	–	–	3	2.30	0.0
Scilly (St. Mary's) ...	cid	corr	oimr	oifrc	52	51	•	4	11.00	4	<21.00	0.1
Falmouth (Pendennis)	bcc	corm	omrq	omrqd	52	50	•	1	14.30	5	<21.00	3.0
Plymouth(Cattewater)	cm	cmr	orrq	~~orrc~~	51	49	48	0.1	15.30	9	<21.00	0.0
Portland Bill	oicz	cbcz	bcorrz	orrodz	54	51	•	0.3	9.00	4	22.00	•
Southampton(Calshot)	odmcm	omorm	orr	orrrdd	48	48	45	Trace	9.00	6	<21.00	0.0
Dungeness	bcc	c	co	orrr	339	337	•	–	–	1	2.30	•
Guernsey	cirm	cbcb	bbcirr	rrodd	50	49	•	0.1	<8.00	5	<21.00	0.0



Barometric Change 1927 8h. to 7h. (Real millibars)

Observations from Cross Channel Steamers.

Position	Date and Time	Steamship	Wind. Direc.	Wind. Force	Weather.	Temp. Air	Temp. Sea	
2	23rd 10h.	CAMBRIA	SSW	4	c	48	53	7
3	24th 2h	DIEPPE	SSW	5	c	45	54	7

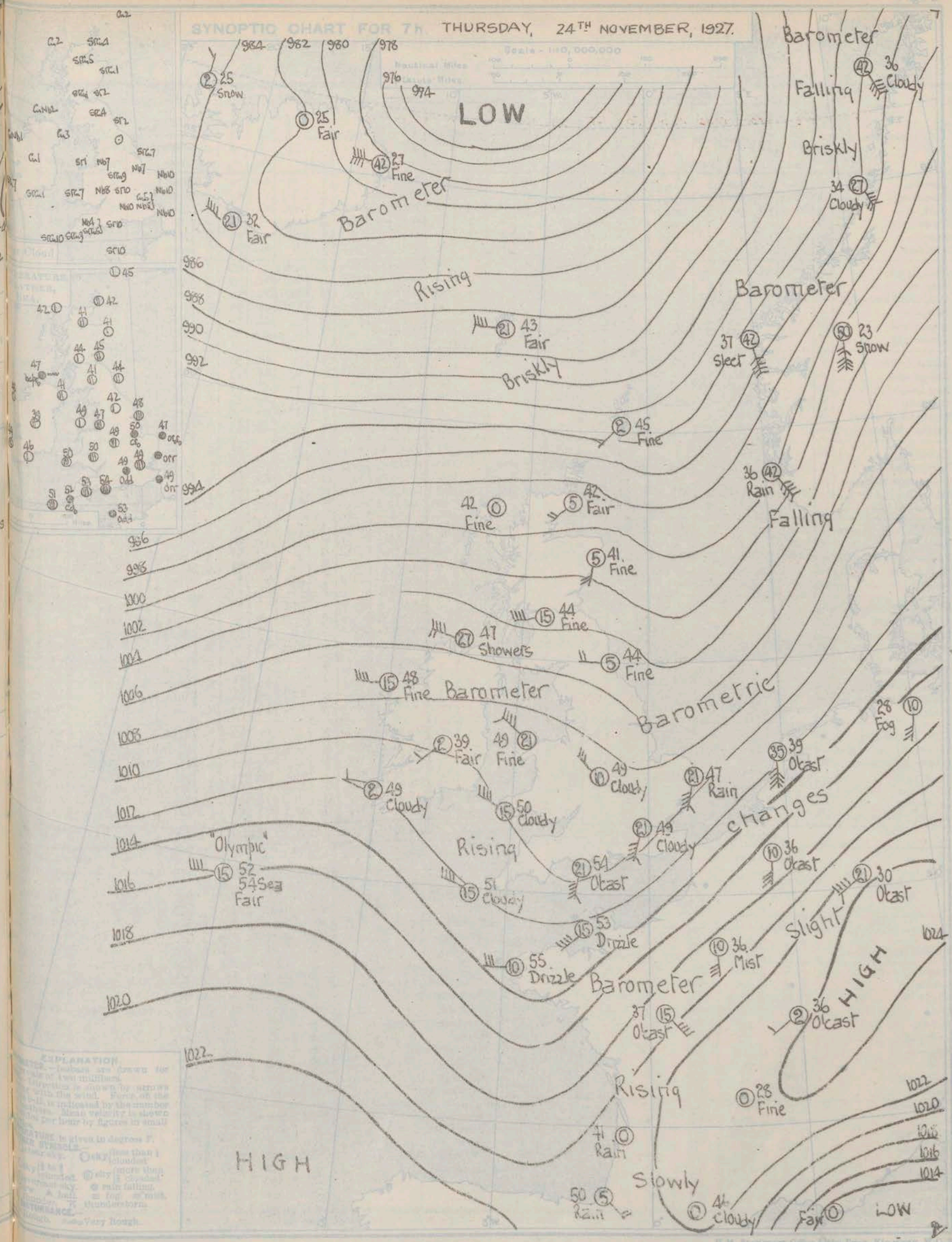
GENERAL INFERENCES.

Secondaries to a deep depression centred to the north of the Faeroes will move eastwards across the British Isles. Winds will be mainly westerly and occasional rain will occur in most places but there will be considerable fair periods generally.

Districts.	Forecasts for the 24 hours commencing 15h G.M.T. Thursday, 24th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Westerly winds, moderate or fresh, stronger at times locally; considerable fair periods but occasional local rain or showers; rather mild to moderate temperature.	Rather mild and unsettled but considerable fair periods.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Winds westerly, moderate to fresh, probably backing and freshening; fair periods but occasional rain; moderate temperature.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. (A. W Scotland (B. NW Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Westerly winds, light to moderate, backing and freshening; variable skies, occasional rain; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland	As 7 - 10.	
19. S.E. Ireland 20. S.W. Ireland	As 1 - 6.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T. G. C. SIMPSON, F.R.S., Director.

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. THURSDAY, 24TH NOVEMBER, 1927.
LOW
Barometer
Falling
Briskly
Rising
Barometer
Briskly
Falling
Barometer
Barometric
changes
Slight
HIGH
Rising
Slowly
HIGH
LOW
"Olympic"
Fair
Fine
Cloudy
Showers
Rain
Sleet
Snow
Fog
Mist
Drizzle
Overcast

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION....Thursday, 24TH November 1927. No. 328

Observations at 1h. G.M.T.....24TH

Stations.	Height above M.S.L., in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	986·1	+4	SW	3	cr.c	47	97	7	4000	Nb	5	A.St	10
Stornoway	30	994·7	+9	WNW	4	b/pr.	•	•	7	•	•	•	•	2
Wick	81	991·8	+9	W	3	bc	45	85	8	1500	CuNb	3	C.St	5
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	61	1000·5	+8	WNW	6	bc/pr.	47	85	7	4000	CuNb	3	-	3
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	995·8	+4	WSW	4	c	49	92	8	1500	St	8	-	8
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1000·3	-2	SSW	3	o/p	46	97	7	1500	Nb	10	-	10
Blacksod Point ...	18	1004·3	+4	W	6	bc	51	92	7	•	CuNb	4	-	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1002·9	+1	NW'W	5	cdd	53	97	6	800	Nb	7	A.St	10
Liverpool (Bidston)...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1004·4	-2	S'E	6	oc	44	97	6	4000	Nb	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	238	1007·3	-3	S'W	4	orr.	46	97	6	800	Nb	10	-	10
Gorleston	14	1009·9	-4	S	4	c	44	85	6	-	-	0	A.St	10
Valentia (Cahirciveen)P	30	1009·2	+5	W	2	o/d	50	92	8	-	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1004·5	-1	NW'W	5	odd	53	97	4	800	Nb	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	18	•	•	•	•	•	49	•	•	•	•	•	•	•
Croydon	244	1010·9	-3	S	4	or.r.	48	97	6	450	St	10	-	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1012·9	-1	S'W	5	o	45	97	6	1500	St	10	-	10
Scilly (St. Mary's) ...	163	1009·6	-2	SW'W	6	or.r.	53	97	5	2500	St	10	-	10
Falmouth (Pendennis)	200	1008·9	-3	SW	6	orr	53	97	6	2500	Nb	10	-	10
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	52	1010·3	-1	SSW	6	or.r.	52	92	6	1500	Nb	10	-	10
Southampton (Calshot)	10	1011·6	-1	SW'S	4	or.r.	50	92	7	800	Nb	10	-	10
Dungeness	20	1012·3	-3	SSW	5	c+	48	97	7	-	-	0	A.St	10
Guernsey (Fort George) P	295	1013·2	-2	SSW	4	cR	49	92	5	4000	St.Cu	10	-	10

Observations at 7h. G.M.T.....24TH

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	992·2	+5	SW	1	b	45	75	8	4000	Cu	2	-	2	•
Stornoway	998·4	+6	-	0	b-	42	85	7	4000	Cu	2	-	2	0
Wick	998·5	+6	SW	2	bc	42	92	8	2500	St.Cu	4	-	4	1
Tiree	1003·3	+5	W	5	bc/p	47	85	8	1500	CuNb	4	-	4	4
Nairn	1000·5	•	S	1	bc	41	85	8	5700	St.Cu	5	-	5	•
Aberdeen	1001·1	+7	SSW	2	b	41	85	6	4000	St.Cu	1	-	1	2
Malin Head	1005·0	+6	WNW	6	bc/pr.	47	85	8	4000	CuNb	3	-	3	6
Renfrew	1003·5	+4	WSW	4	b	44	85	7	4000	St.Cu	1	-	1	•
Edinburgh (Inchkeith)	1002·3	+4	SW	3	bc-	45	85	8	800	St	2	A.Cu	3	1
Leuchars	1002·6	+6	SSW	3	bc+	41	85	8	5700	St.Cu	3	-	3	•
Eskdalemuir	1005·2	+7	S'E	3	bc-	41	85	7	1500	St.Cu	4	-	4	•
Tynemouth	1004·6	+5	W	2	bc/r	44	85	7	1500	St	2	A.Cu	3	2
Blacksod Point ...	1007·8	+3	W	4	b	48	55	7	•	CuNb	1	-	1	5
Donaghadee	1006·8	+4	WSW	2	bc-	41	97	8	2500	Cu	3	-	3	2
Birr Castle	1009·8	•	SW	1	bc-	39	97	7	2500	Cu	1	A.Cu	3	•
Holyhead	1008·3	+5	NW'W	5	b	49	85	8	1500	St	1	Ci	2	4
Liverpool (Bidston)...	1008·2	+5	W	3	c-	47	85	7	1500	Nb	7	A.Cu	8	•
Chester (Sealand) ...	1007·6	+6	WNW	3	c	48	85	7	2500	St	7	A.Cu	8	•
Harrogate	1007·3	+7	SW	2	b	42	92	8	-	-	0	A.Cu	2	•
Spurn Head	1005·9	+3	W	4	c	48	97	6	4000	St.Cu	7	A.St	10	2
Birmingham (Edgbaston)	1009·0	+3	NW	3	c/r	49	85	6	2500	St.Cu	9	-	9	•
Cranwell	1007·2	+1	W'S	4	cr.	50	97	6	800	Nb	7	A.St	10	•
Gorleston	1008·6	-2	SSW	5	or.r.	47	92	6	800	Nb	10	-	10	1
Valentia (Cahirciveen)P	1012·3	+2	WNW	1	c	49	75	8	2500	St.Cu	7	A.Cu	8	3
Roches Point	1011·7	+5	NW	2	b	46	85	8	2500	St.Cu	1	-	1	1
Pembroke (St. Ann's H.)	1009·4	+5	NW'W	4	c	50	92	8	1500	St.Cu	7	A.St	9	4
Ross-on-Wye	1009·2	+3	W	1	c	50	92	8	2500	Nb	8	A.St	10	•
Leafield	1008·4	+2	SSW	3	or-	50	97	4	220	St	10	-	10	•
Winchester (Worthy Dn.)	1009·9	-1	S	3	orr	51	97	6	800	Nb	10	-	10	•
S. Farnborough ...	1009·9	0	S'W	4	odd	49	97	5	450	Nb	10	-	10	•
London (Kew Obsy.)...	1009·9	-1	SSW	4	c/r	49	97	7	1500	Cu	10	-	10	•
Croydon	1010·4	0	S	5	or.r.	49	97	6	450	St	10	-	10	•
Shoeburyness	1011·1	-1	SW'S	4	orr	47	97	7	450	Nb	10	-	10	•
Clacton-on-Sea ...	1010·9	0	SSW	4	orr	46	97	6	2500	St	10	-	10	3
Felixstowe	1011·3	0	SSW	5	orr	48	97	5	800	Nb	10	-	10	4
Lympne	1012·5	-1	S'W	5	orr	46	97	4	<150	St	10	-	10	•
Scilly (St. Mary's) ...	1012·0	+4	NW'W	4	c	51	97	7	4000	St.Cu	10	-	10	4
Falmouth (Pendennis)	1011·6	+3	WNW	3	cd.	52	92	7	4000	St.Cu	9	-	9	1
Plymouth (Cattewater)	1010·5	+2	W	3	c	53	92	6	2500	St.Cu	9	-	9	1
Portland Bill	1008·3	+1	SSW	5	o/d	54	97	6	1500	St	10	-	10	5
Southampton (Calshot)	1010·4	-1	SSW	5	odd	52	97	6	<150	Nb	10	-	10	0
Dungeness	1011·7	-2	SW	6	orr	49	97	7	1500	Nb	10	-	10	5
Guernsey (Fort George) P	1012·9	0	SW	4	odd	53	97	2	220	St	10	-	10	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR.....23RD November

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min.* 9h. 22. to 9h. 23.	Temperature. Max. 9h.-17h. 23RD	Rainfall.† Night 17h.-9h. 22ND-23RD	Rainfall.† Day 9h.-17h. 23RD	Sunshine. Sunrise to Sunset 23RD
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	cr.o	40	41	-	Trace	0·0
Douglas (I. o. M.) ...	o	orr	43	49	0·3	3	0·0
Llandudno ...	c	c	40	50	-	-	0·0
Colwyn Bay ...	oc	coro	41	50	-	0·5	0·0
Rhyl...	o	o	40	49	0·1	-	0·0
Wallasey	o	or	40	44	1	0·3	0·0
Southport	o	o	*41	43	1	-	0·0
Blackpool	o	od	41	42	1	0·2	0·0
Ilkley	og	m.o	34	41	1	-	0·0
Cleethorpes... ...	oc	o	39	44	-	-	0·8
Skegness	obco	o	39	41	-	-	0·0
Aberystwyth ...	rf	mrr	43	49	2	1	0·0
Bath	mc	mc	44	46	Trace	-	0·0
Cheltenham‖ ...	o	cm.	40	46	-	-	0·0
Leamington Spa ...	oe	o	39	41	0·1	-	0·0
Lowestoft	c	c	35	39	-	-	0·0
Felixstowe	c	cm.	36	39	-	-	0·0
Harwich & Dovercourt	ocm	ocm	36	40	Trace	-	0·0
Southend	o	o	36	38	-	-	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	co	o	47	50	-	-	0·1
Bude	oe	oer	45	50	-	1	0·0
Penzance	bc	cor.	47	51	-	0·5	0·9
Paignton	oco	p.o/p	49	53	0·5	Trace	0·0
Torquay	o	o	50	54	-	-	0·0
Jersey	c	pc	40	49	Trace	0·1	0·0
Weymouth	od.o	cd.oc	44	53	0·1	0·1	0·0
Bournemouth ...	o	o	41	50	-	-	0·0
Ventnor ...	ou3	po	41	48	Trace	Trace	0·0
Portsmouth (S'thsea)	o	o	41	44	-	-	0·0
Bognor	o	o	39	44	-	-	0·0
Littlehampton ...	o	oc	39	44	-	-	0·0
Worthing	oc	oc	38	43	-	-	0·0
Brighton	of	of	38	40	-	-	0·0
Eastbourne‖... ...	o	o	37	43	0·1	-	0·0
Hastings‖	omo	omm	36	44	Trace	-	0·0
Folkestone	o	om	38	40	Trace	-	0·0
Dover	mo	o	39	40	-	-	0·0
Tunbridge Wells ...	oco	o	34	37	-	Trace	0·0
Ramsgate	o	o	38	44	-	-	0·0
Margate	c	c	39	41	-	-	0·0
Deal	o	o	39	41	-	-	0·0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. ‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24109 FRIDAY 25TH NOVEMBER 1927.

Observations at 13h. G.M.T. 24TH

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	997.2	+4	SW	1	bc/pr	46	92	8	4000	Cu.	3	A.Cu.	4	•
Stornoway	999.7	−1	SW	2	bc+	46	75	7	4000	Cu.Nb.	5	–	5	•
Wick	1002.8	+4	SW	2	bc	46	85	8	2500	St.Cu.	4	–	4	•
Tiree	1004.9	+1	W	5	bc/p	49	75	8	2500	Cu.Nb.	7	–	7	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1005.2	+2	S	2	b	46	85	8	4000	St.Cu.	1	–	1	2
Malin Head	1007.6	+2	SW	5	bc/p	47	92	8	4000	Cu.Nb.	3	A.Cu.	7	•
Renfrew	1008.0	+3	W	4	cr	49	75	7	1500	Cu.Nb.	9	–	9	2
Edinburgh (Inchkeith)	1006.5	+5	SW	3	bc+	47	85	7	4000	Cu.	3	A.Cu.	6	•
Leuchars	1006.5	+3	SW	3	b+	47	75	6	5700	St.Cu.	2	–	2	1
Eskdalemuir	1008.9	+3	SW	4	bc/r	45	85	7	2500	Cu.	7	–	7	2
Tynemouth	1009.3	+2	W	2	bc	49	85	7	1500	Cu.Nb.	4	–	4	•
Blacksod Point	1009.4	+2	SW	6	bc	51	65	8	*	Cu.Nb.	6	–	6	•
Donaghadee	1011.1	+3	W	2	bc+	48	85	8	5700	St.Cu.	2	Ci.	3	•
Birr Castle	1012.0	•	SW	2	bc+	48	75	7	4000	St.Cu.	4	Ci.Cu.	8	•
Holyhead	1012.9	+3	W'N	4	bc+	51	65	8	2500	Cu.	2	Ci.St.	7	1
Liverpool (Bidston)	1012.5	+3	W	4	b	48	85	7	1500	Cu.Nb.	1	Ci.	1	•
Chester (Sealand)	1012.6	+4	NW'W	3	bc	51	65	8	4000	Cu.	1	A.Cu.	4	2
Harrogate	1011.2	+3	W	2	b	48	75	8	4000	Cu.Nb.	2	–	2	•
Spurn Head	1011.0	+2	W'S	3	bc−	46	92	6	2500	St.	5	A.Cu.	7	•
Birmingham (Edgbaston)	1013.3	+4	W	X2	c+	48	85	6	2500	St.Cu.	9	–	9	2
Cranwell	1012.2	+4	W	3	c−	49	85	6	4000	St.Cu.	3	Ci.	9	1
Gorleston	1011.0	+2	WSW	2	o/r	48	92	5	2500	Nb.	10	–	10	•
Valentia (Cahirciveen)	1015.7	+2	SW'W	3	c	52	75	8	2500	St.Cu.	8	–	8	2
Roches Point	1015.9	+4	NW	2	c	50	85	8	2500	St.Cu.	8	–	8	•
Pembroke (St. Ann's H.)	1014.3	+3	NW	4	c	50	75	8	1500	Cu.	6	Ci.Cu.	9	•
Ross-on-Wye	1013.5	+3	WNW	2	c+	51	65	8	4000	St.Cu.	3	A.Cu.	9	2
Leafield	1013.4	+4	W'N	2	c−	49	92	8	4000	St.Cu.	4	A.Cu.	8	2
Winchester (Worthy Dn.)	1011.9	+2	NW'W	3	c	52	92	8	2500	St.Cu.	7	A.St.	9	2
S. Farnborough	1012.5	+3	NW	2	o	53	97	8	800	St.	10	–	10	2
London (Kew Obsy.)	1012.8	+3	N'W	2	c	52	85	5	2500	St.Cu.	10	–	10	2
Croydon	1012.4	+3	W	2	c	53	92	5	800	Nb.	10	–	10	2
Shoeburyness	1012.3	+1	SW	3	o/r	51	97	5	450	St.	10	–	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1012.1	0	SW'S	3	od	48	97	4	450	Nb.	10	–	10	2
Lympne	1013.1	0	SSW	5	od	49	97	1	<150	Nb.	10	–	10	2
Scilly (St. Mary's)	1016.1	+4	NW'N	3	bc−	52	85	8	4000	St.Cu.	4	A.Cu.	6	•
Falmouth (Pendennis)	1015.9	+2	NW	3	bc−	53	85	8	4000	Cu.Nb.	5	A.Cu.	7	•
Plymouth (Cattewater)	1015.0	+4	NW	3	c+	53	75	7	1500	St.	8	A.Cu.	9	2
Portland Bill	1013.7	+3	W'S	2	c	53	92	8	1500	St.Cu.	9	–	9	•
Southampton (Calshot)	1013.3	+3	WNW	3	c	54	85	7	1500	St.	3	A.St.	9	2
Dungeness	1012.7	0	SW	6	orr	51	97	6	1500	Nb.	10	–	10	•
Guernsey (Fort George)	1014.6	+1	WNW	3	c/r	53	97	7	800	St.	7	A.St.	10	•

Observations at 18h. G.M.T. 24TH

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	998.6	0	S	1	b	45	92	7	5700	St.Cu.	2	–	2	•
Stornoway	999.4	+2	WSW	4	bc	43	65	7	4000	Cu.Nb.	4	–	4	3
Wick	1000.5	−2	SW	3	bc	44	92	8	2500	St.Cu.	3	Ci.St.	5	1
Tiree	1005.2	+1	W	7	bc	47	65	8	2500	Cu.	4	–	4	6
Nairn	1002.7	•	SSW	2	bc	45	85	8	1500	St.	6	–	6	•
Aberdeen	1005.3	0	SSW	3	b	43	85	7	4000	St.Cu.	1	–	1	1
Malin Head	1008.5	+4	WNW	5	c/pr	48	85	7	4000	Cu.Nb.	8	A.Cu.	9	5
Renfrew	1008.5	+1	WSW	5	bc/r	47	75	7	1500	St.	5	–	5	•
Edinburgh (Inchkeith)	1007.3	+2	WSW	3	b	45	75	8	1500	St.	1	–	1	1
Leuchars	1007.1	0	SW	4	b	44	85	7	4000	St.Cu.	2	–	2	•
Eskdalemuir	1010.6	+1	SW	4	b−	41	86	8	4000	St.Cu.	1	–	1	•
Tynemouth	1011.4	+2	W	2	bc	46	85	7	1500	St.	3	–	3	2
Blacksod Point	1012.8	+4	W	6	b	47	75	7	*	Cu.Nb.	2	–	2	6
Donaghadee	1011.9	+2	WSW	2	b−	44	92	8	5700	St.Cu.	2	–	2	2
Birr Castle	1014.2	•	S	2	c+	46	85	7	2500	Cu.	3	Ci.Cu.	8	•
Holyhead	1014.9	+3	WSW	4	bc	49	75	7	4000	St.Cu.	7	–	7	3
Liverpool (Bidston)	1015.4	+3	W'S	3	b	45	85	7	4000	St.	1	–	1	•
Chester (Sealand)	1015.2	+3	WSW	2	b−	45	75	7	4000	St.Cu.	1	Ci.	1	•
Harrogate	1013.8	+1	SW	3	b−	44	85	7	–	–	0	–	0	•
Spurn Head	1013.5	+1	WSW	3	c	47	92	6	2500	St.	8	–	8	1
Birmingham (Edgbaston)	1016.9	+4	WSW	2	mb+	45	85	4	–	–	0	Ci.	1	•
Cranwell	1015.1	+3	WSW	2	c	44	97	6	2500	St.	10	–	10	•
Gorleston	1014.4	+4	W	1	c	46	92	6	4000	St.Cu.	10	–	10	0
Valentia (Cahirciveen)	1018.4	+4	SW'W	4	bc	52	75	8	2500	St.Cu.	6	A.Cu.	7	3
Roches Point	1018.5	+4	W	2	b	47	92	8	2500	St.Cu.	1	–	1	1
Pembroke (St. Ann's H.)	1016.7	+3	WNW	4	bc	51	75	8	2500	Cu.	6	–	6	1
Ross-on-Wye	1017.1	+2	W	2	bc−	46	75	8	4000	St.Cu.	3	A.St.	6	•
Leafield	1017.1	+3	WSW	3	bc−	44	85	8	4000	St.Cu.	3	–	3	•
Winchester (Worthy Dn.)	1016.9	+4	WNW	2	c	47	85	7	2500	St.Cu.	9	–	9	•
S. Farnborough	1017.0	+6	W	1	c	46	92	7	1500	St.Cu.	10	–	10	•
London (Kew Obsy.)	1016.6	+4	–	0	c	48	92	5	2500	St.Cu.	10	–	10	•
Croydon	1016.2	+4	W	1	ffc	48	92	3	1500	St.	10	–	10	•
Shoeburyness	1016.1	+7	NW	2	o	49	97	5	450	St.	10	–	10	•
Clacton-on-Sea	1015.6	+4	WSW	2	o	49	92	5	2500	St.	10	–	10	2
Felixstowe	1016.0	+5	WNW	1	c	48	97	7	2500	St.Cu.	10	–	10	1
Lympne	1015.8	+4	NW'N	3	c	48	97	6	800	St.	10	–	10	•
Scilly (St. Mary's)	1019.2	+3	NW	3	bc	49	92	8	4000	Cu.	2	A.Cu.	5	2
Falmouth (Pendennis)	1019.2	+3	NW	2	bc−	49	85	7	4000	St.Cu.	4	Ci.Cu.	6	0
Plymouth (Cattewater)	1018.8	+5	–	0	c	50	85	8	1500	St.	9	–	9	0
Portland Bill	1017.2	+3	W'S	3	c	51	85	6	2500	St.Cu.	6	Ci.St.	9	2
Southampton (Calshot)	1017.6	+5	WNW	2	c	48	92	7	5700	St.Cu.	9	–	9	0
Dungeness	1016.3	+3	N	1	o/r	50	97	6	1500	Nb.	10	–	10	2
Guernsey (Fort George)	1018.3	+4	NNW	2	c	52	92	7	1500	St.	4	A.St.	10	0

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday)	Humidity. 15h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility.§
Kew } 24 hours ended 7h.	18	cd,m	cm,	cbcwx	54	36	26	0.1	0.1	0.0	*	*	3
Croydon } 24 hours ended 7h.	244	ordcq	cmff	cffbm	54	39	30	Tr.	–	0.0	•	•	6
Greenwich (Royal Obsy.)	149	od	ogfdo	obw	53	37	29	Tr.	Tr.	0.0	84	93	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	53	36	24	–	–	0.0	78	96	•
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	0.0	*	*	•
Camden Square	110	od.o	o	*	52	37	30	0.3	–	*	*	98	•
Kensington Palace	80	o	o	*	53	37	?	–	–	*	(At 18h) 88	91	•
Hampstead Observatory	450	*	*	*	51	33	24	Tr.	Tr.	0.0	*	94	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 Hs. ended 7h. G.M.T. 25TH

South Kensington

Max.	Time	Min.	Time.
2.2	18h.24TH	<0.3	2h.25TH

Kew Observatory

Max.	Time.	Min.	Time.
0.4	18h.24TH	<0.3	3h.25TH

POLE STAR RECORD at Greenwich Obsy.

Exposure from 24TH 17h.00m. to 25TH 6.30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.30	9.33	71
δ Cassio. } Minoris }	13.30	9.38	71

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Hard ground, frozen (but less than 2 ins. deep).
4 = Hard ground, frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Snow fallen to-day in 13h. and 18h. reports (Heavy frost in 7h. and 7h. reports).
7 = Snow (thin layer, often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

25TH & 26TH NOV., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.33 / 7.35	11.40 / 11.40	15.46 / 15.45
Greenwich	7.35 / 7.37	11.47 / 11.47	15.58 / 15.57
Wick	8.25 / 8.27	11.59 / 11.59	15.33 / 15.32
Valentia	8.18 / 8.20	12.28 / 12.28	16.37 / 16.36

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

< = (less than (for cloud height). before (for precipitation).
⦶ = solar halo. ☽ = lunar halo.

With present weather is combined, whenever possible, the general character of the weather.

A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate seas.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

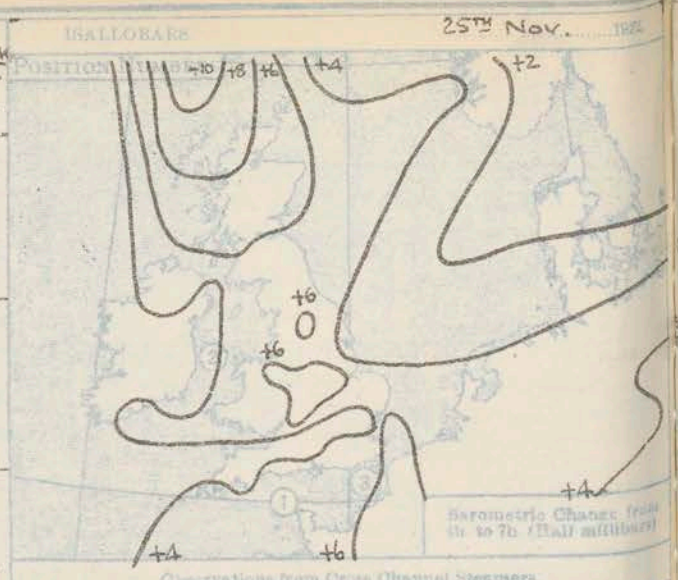
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 60 yards.
0. Dense fog.	220 "
1. Thick fog.	550 "
2. Fog.	1,100 "
3. Moderate fog.	1½ miles.
4. Mist or haze.	2½ "
5. Poor visibility.	5½ "
6. Moderate.	12½ "
7. Good.	31 "
8. Very good.	
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 24th	Weather. 13h.-18h. 24th	Weather. 18h.-24h. 24th / 25th	Weather. 18h.-7h. 25th	Temperature. Max. Day 7h.-18h.	Temperature. Min. Night 18h.-7h.	Temperature. Min. on Grass	Rainfall† Day. 7h.-18h. mm.	Rainfall† Day. 7h.-18h. began.	Rainfall† Night. 18h.-7h. mm.	Rainfall† Night. 18h.-7h. began.	Sun 24th Hours.
Lerwick	bp₀bc	b	cir	cir	47	41	.	Trace	<8.00	4	<21.00	3.9
Stornoway	c	p	p	cprbc	47	39	.	4	–	2	"	3.0
Wick	b-bc	b-bc	prbcl	bcprl	47	37	.	–	–	2	2.30	.
Tiree	pₙbc	pRq	bRql	prq	50	43	38	3	<8.00	1	<21.00	4.1
Nairn	bc	bc	bcqpr	prbc	45	38	.	–	–	4	<21.00	5.8
Aberdeen	bmₒb	bcbc	b	b	46	38	33	–	–	–	–	6.1
Malin Head	bcpr	bcprcf	cqbcpm	bcpr	49	43	.	3	<8.00	0.6	<21.00	4.1
Renfrew	bbccp	crₙbcq	bcqrbc	bbccbq	49	42	37	0.2	12.30	2	<21.00	4.1
Edinburgh (Inchkeith)	cbc	brbcb	b	bbc	48	43	40	Trace	13.30	–	–	3.7
Leuchars	bbc	bbcmprb	bcpₒ	bcpₒ	49	38	35	Trace	15.30	Trace	<21.00	5.9
Eskdalemuir	bcir	cb	bbccirₒ	ocbc	46	37	35	0.5	11.00	2	<21.00	1.5
Tynemouth	c	bc	bcb	bbc	50	40	33	–	–	–	–	.
Blackrod Point	bcbc	pb	bpqb	pcₒ	51	43	.	3	–	Trace	–	.
Donaghadee	bc	bcb	prₙbc	bc	49	37	.	–	–	0.1	<21.00	.
Birr Castle	bc	bcc	cpr	bx	50	35	28	–	–	0.2	<21.00	3.3
Holyhead	bbc	bccbc	bcpr	bcb	52	47	44	–	–	1	24.00	4.4
Liverpool (Bidston)	cbcb	b	bbccb	bbw	48	42	38	–	–	–	–	4.7
Chester (Sealand)	b	bc	bmₒ	bwmₒ	51	38	29	–	–	–	–	4.3
Harrogate	b	bbccb	bbccp	bbc	50	41	34	–	–	1	22.00	4.9
Spurn Head	c	ocz	bbc	bbc	49	41	.	–	–	–	–	1.0
Birmingham (Edgbaston)	cbcc	cmb	bmb	b	50	39	35	–	–	–	–	0.3
Cranwell	cmₒ	c	cb	b-bc	51	38	30	Trace	<8.00	–	–	1.5
Gorleston	orₙrq	cmₒ	cbcbmₒ	bmₒb	49	38	35	1	<8.00	–	–	0.0
Valentia (Cahirciveen)	cpbcc	cbc	bbc	bbc	52	45	37	1	<8.00	–	–	3.3
Roches Point	bcc	cbcb	bw	bw	51	42	.	–	–	Trace	–	.
Pembroke (St. Ann's H.)	bcc	cbc	bcb	b	51	47	.	–	–	–	–	2.4
Ross-on-Wye	cbc	c	bcb	bbw	53	41	29	–	–	–	–	3.0
Leafield	~~cbc~~ rₙocbc	cbc	bw	bwx	50	36	29	0.2	<8.00	Trace	–	0.0
Winchester (Worthy Dn.)	orrcc	c	cbcb	bff×	54	28	23	0.4	<8.00	–	–	0.1
S. Farnborough	odmₙo	c	bmₒ	bx	53	31	24	1	<8.00	–	–	0.0
London (Kew Obsy.)	cdₙmₒ	cmₒ	cbcw	cxwbw	54	36	26	0.1	<8.00	0.1	–	0.0
Croydon	ordₙcmₒ	cmff	cffbcm	bmₒ	54	39	30	Trace	<8.00	–	–	0.0
Shoeburyness	orₙromₒ	omₒ	cb	bmₒx	51	37	31	1	<8.00	–	–	0.0
Clacton-on-Sea	ogrd	ogdm	ogm	ogmbc	50	37	32	2	<8.00	–	–	0.0
Felixstowe	ddd	odₙc	c	bcbw	49	39	32	1	<8.00	Trace	–	0.0
Lympne	orrfdd	Fodₙffprc	cbcbmf	bfmₒx	51	34	28	6	<8.00	–	–	0.0
Scilly (St. Mary's)	c	oc	bcb	b	53	47	.	–	–	–	–	1.5
Falmouth (Pendennis)	cbc	bccbc	bcb	b	53	46	.	–	–	–	–	0.9
Plymouth (Cattewater)	cmₙbc	cbc	cₙb	bbcwm	54	36	34	Trace	–	Trace	–	0.1
Portland Bill	oc	czₒ	cbcb	b	55	49	.	–	–	–	–	.
Southampton (Calshot)	cdmₙc	c	bw	bwbx	54	37	28	0.3	<8.00	Trace	<21.00	0.0
Dungeness	ogrr	ogrbr2	orbmm	bmb	53	36	.	4	<8.00	–	–	.
Guernsey	cddf	cdₙmₒ	cbcbmₙb	bbc	55	47	.	5	<8.00	–	–	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Authority.
2	24th 10h.	"CAMBRIA"	WNW	3	bc	50	54	7
1	24th 12h.	"REINDEER"	W	4	c+	55	54	7
3	25th 2h.	"ARUNDEL"	NNW	3	bc/f	55	54	7

General Inference.

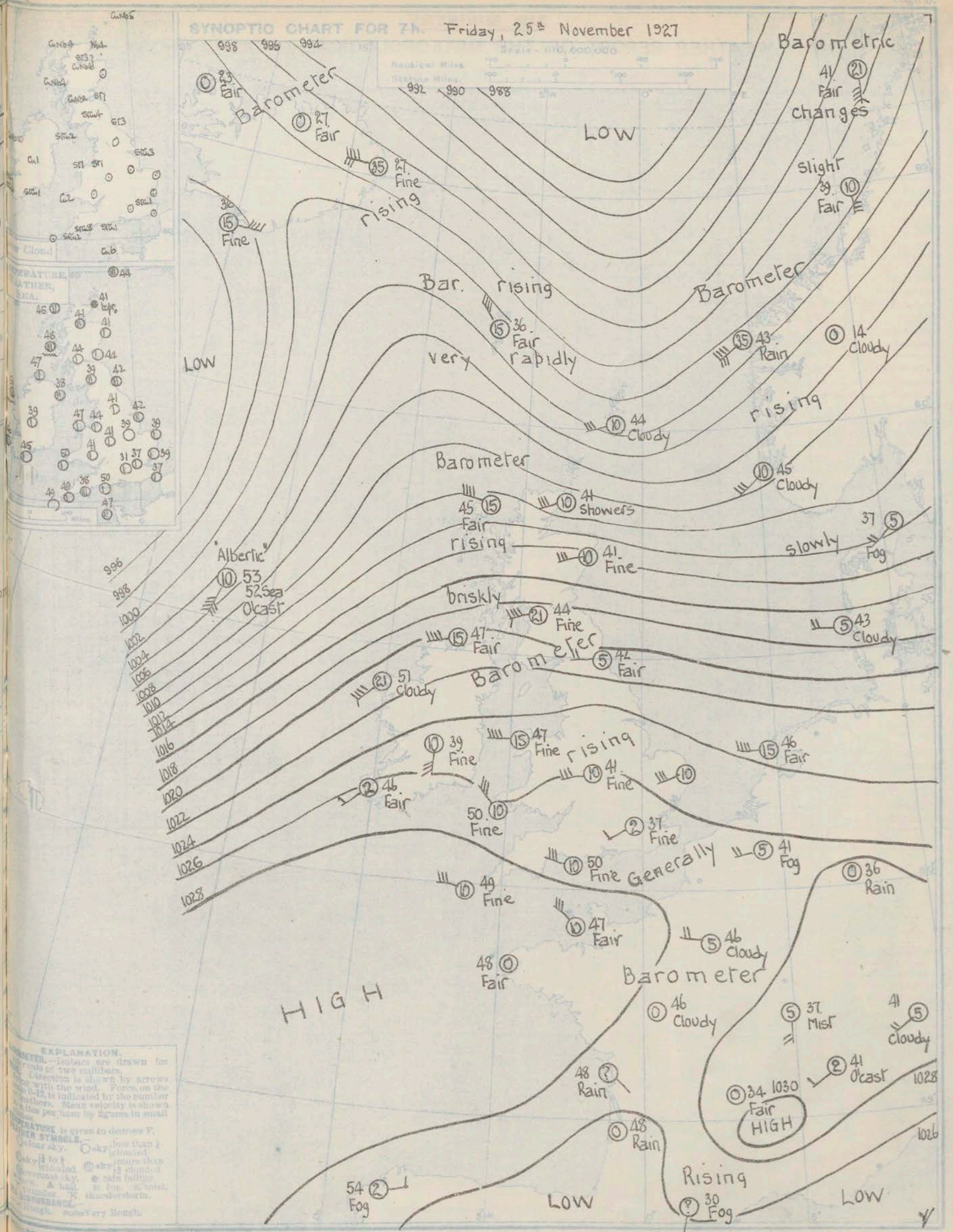
A ridge of high pressure extending northwards across the British Isles is moving eastwards and a depression is approaching Iceland from the southwest. At first weather, apart from a few scattered showers, will be fine to fair and sunny but unsettled conditions will soon spread from the Atlantic to northwestern districts.

Friday, 25th November, 1927.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Variable or westerly winds, mainly light or moderate; fine to fair; local fog, particularly at night and in morning; mild by day, ground frost locally at night.	Unsettled in the North and Northwest; considerable fine to fair periods in the South apart from local fog.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Variable or westerly winds, light to moderate, probably freshening from southwest; fine at first, cloudy later, with perhaps occasional rain; local mist or fog at night and in morning; rather mild but ground frost locally at night.	
10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Freshening southwesterly winds; fine to fair today, probably rain tomorrow; rather mild to moderate temperature.	*South Cone hoisted 8h.50m. G.M.T. today in districts 13A, 13B and 17.
13. A. W. Scotland B. N.W. Scotland	West to southwest winds, approaching a gale at times at first, moderating; fair to cloudy, some rain; rather mild.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Freshening west to southwest winds; fine at first, cloudy with occasional rain later; moderate temperature to rather mild.	
17. N.W. Ireland 18. N.E. Ireland	As 13A & 13B.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 9.	

† For code see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. Friday, 25th November 1927
Barometer
Barometric
changes
LOW
rising
Bar. rising
very rapidly
Barometer
rising
Barometer
"Alberic"
briskly
Barometer
rising
Generally
HIGH
Barometer
HIGH
Rising
LOW
LOW
slowly
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. FRIDAY 25TH NOVEMBER 1927. No. 329

Observations at 1h. G.M.T. 25TH

Stations	Height above M.S.L. in feet	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	84	997.7	+1	W'S	3	cr	43	85	7	4000	Nb	5	A.St	10
Stornoway	30	1004.5	+3	NW	7	c/PH	•	•	7	•	•	•	•	•
Wick	81	1004.5	+4	WSW	3	bcl2	40	85	8	2000	CuNb	3	-	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1014.7	+5	W	5	bc/pg	46	92	8	4000	CuNb	3	-	3
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	150	1011.3	+4	WSW	3	b	43	85	7	-	-	0	-	0
Leuchars	50	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	7·4	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	57	1015.6	+4	W	2	b	44	85	8	-	-	0	-	0
Blacksod Point	18	1018.7	+4	W	6	b	48	75	7	•	CuNb	2	-	2
Donaghadee	40		•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1019.6	+5	WNW	6	bc-	48	75	7	4000	St.Cu	3	-	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1017.5	+2	WSW	4	bc	41	85	6	4000	St.Cu	4	-	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1020.1	+4	WSW	3	b	39	97	6	-	-	0	-	0
Gorleston	14	1019.8	+4	SW'W	2	b	41	92	5	-	-	0	-	0
Valentia (Cahirciveen) ℙ	30	1022.3	+5	S	1	b	49	92	9	-	St	1	-	1
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1022.2	+3	W	4	b-	51	92	8	-	-	0	-	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	41	•	•	•	•	•	•	•
Croydon	244	1022.3	+4	W'S	2	b	39	92	5	-	-	0	-	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1022.0	+6	NW	3	ffb	41	97	2	-	-	0	-	0
Scilly (St. Mary's)	163	1024.3	+3	W'N	3	b	49	75	8	-	-	0	Ci	1
Falmouth (Pendennis)	200	1024.9	+2	NW'W	3	b	47	85	8	-	-	0	-	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1023.2	+4	W	3	b	50	75	8	2500	Cu	1	-	1
Southampton (Calshot)	10	1023.4	+4	WSW	2	b	41	92	8	2500	St	1	-	1
Dungeness	20	1021.9	+6	NNW	1	mmb	43	97	4	-	-	0	-	0
Guernsey (Fort George) ℙ	295	1025.0	+6	NNW	1	b-	49	92	8	-	-	0	-	0

Observations at 7h. G.M.T. 25TH

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1000.8	+3	W'S	3	cjb	44	85	7	4000	CuNb	5	A.St	8	•
Stornoway	1010.4	+8	WNW	4	bc	45	65	7	4000	CuNb	4	-	4	3
Wick	1009.1	+6	WSW	3	bc/pg	41	85	8	1500	Nb	4	-	4	1
Tiree	1017.0	+6	W'S	6	c	48	75	7	1500	CuNb	4	A.St	10	6
Nairn	1012.7	•	WSW	2	bc/r	41	92	8	4000	CuNb	7	-	7	•
Aberdeen	1014.3	+6	WSW	3	b	41	85	7	-	-	0	A.Cu	1	1
Malin Head	1020.3	+4	WSW	4	bcjb	47	92	8	4000	CuNb	3	A.Cu	7	5
Renfrew	1018.6	+6	WSW	5	b	44	85	7	1500	CuNb	2	-	2	•
Edinburgh (Inchkeith)	1016.1	+5	WSW	4	b+	44	85	8	800	St	1	-	1	2
Leuchars	1016.3	+6	WSW	5	b+	41	85	8	2500	Nb	1	A.Cu	2	•
Eskdalemuir	1019.8	+5	SW'W	5	bc-	39	85	7	2500	St.Cu	4	-	4	•
Tynemouth	1020.5	+5	W	2	bc	42	85	6	800	St	3	Ci	4	1
Blacksod Point	1021.1	+3	SW	5	c+	51	65	7	•	CuNb	10	-	10	6
Donaghadee	1022.5	+3	WSW	1	bc-	38	92	8	5700	St.Cu	2	A.Cu	3	1
Birr Castle	1024.1	•	S	3	b-	39	92	7	2500	Cu	1	-	1	•
Holyhead	1024.5	+5	W	4	b	47	75	8	4000	St	1	Ci	1	3
Liverpool (Bidston)	1024.8	+4	W'S	4	b	44	75	7	4000	St	1	Ci	1	
Chester (Sealand)	1024.6	+6	SSW	2	b	38	85	6	-	-	0	A.Cu	1	•
Harrogate	1024.8	+6	SW	3	b	41	85	7	-	-	0	A.Cu	2	•
Spurn Head	1022.7	+3	WSW	4	bc	42	92	6	4000	St.Cu	3	-	3	
Birmingham (Edgbaston)	1026.7	+6	WSW	3	b	41	85	6	-	-	0	Ci	1	•
Cranwell	1025.8	+6	WSW	3	b	39	97	6	-	-	0	-	0	•
Gorleston	1024.5	+5	WSW	3	b-	39	92	6	-	-	0	A.Cu	1	0
Valentia (Cahirciveen) ℙ	1026.4	+3	SW'W	1	bc	46	85	8	2500	St.Cu	6	-	6	2
Roches Point	1026.7	+4	NW	2	b	45	97	8	2500	St.Cu	1	-	1	1
Pembroke (St. Ann's H.)	1026.0	+5	NW	3	b+	50	85	8	2500	Cu	2	-	2	1
Ross-on-Wye	1027.0	+5	SW	1	b	41	85	8	-	-	0	Ci	1	•
Leafield	1027.0	+7	W	3	b	40	97	6	-	-	0	Ci.St	1	•
Winchester (Worthy Dn.)	1028.2	+3	-	0	FFo	29	97	1	-	-	0	-	0	•
S. Farnborough	1027.5	+5	W	1	b	31	97	6	-	-	0	-	0	•
London (Kew Obsy.)	1027.5	+4	SW'W	1	b	37	97	5	-	St.Cu	1	-	1	•
Croydon	1026.9	+4	WSW	3	b	41	85	6	-	-	0	-	0	
Shoeburyness	1026.5	+5	WNW	1	b	38	92	5	-	-	0	A.St	1	•
Clacton-on-Sea	1026.1	+3	WSW	4	bc	38	92	6	4000	St.Cu	4	-	4	2
Felixstowe	1026.0	+6	WNW	2	b	39	92	5	-	-	0	A.Cu	1	1
Lympne	1027.1	+7	W'N	3	b	36	92	6	-	-	0	-	0	•
Scilly (St. Mary's)	1028.4	+4	W'N	3	b	49	85	8	-	-	0	-	0	2
Falmouth (Pendennis)	1028.9	+4	NW'W	2	b+	49	85	8	4000	St.Cu	2	-	2	0
Plymouth (Cattewater)	1028.5	+3	NE	3	c+	38	97	6	2500	St.Cu	8	-	8	0
Portland Bill	1027.4	+4	WNW	3	b	50	85	8	2500	St.Cu	1	-	1	1
Southampton (Calshot)	1028.1	+5	WNW	2	b	38	92	7	-	-	0	-	0	
Dungeness	1027.5	+5	NW	1	b/m	37	97	7	-	-	0	A.Cu	2	
Guernsey (Fort George) ℙ	1029.0	+5	NW	3	bc+	47	85	8	2500	Cu	6	-	6	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 24TH NOVEMBER.

Stations (1)	Weather Fore-noon (2)	Weather After-noon (3)	Temperature Min. 9h. 23RD to 9h. 24TH (4) °F	Temperature Max. 9h.-17h. 24TH (5) °F.	Rainfall Night 17h.-9h. 23RD-24TH (6) mm.	Rainfall Day 9h.-17h. 24TH (7) mm.	Sunshine Sunrise to Sunset 23RD (8) hr.
Berwick-on-Tweed	bc	bc	40	49	2	-	6.1
Douglas (I. o. M.)	b	b	44	50	9	-	6.2
Llandudno	bbc	bcb	45	51	2	-	3.3
Colwyn Bay	ogrcb	bbccb	46	51	3	-	2.8
Rhyl	bc	bcc	45	54	2	-	4.8
Wallasey	bcb	bbcb	41	50	5	-	3.7
Southport	cbc	cbc	*42	50	5	-	4.0
Blackpool	bc	c	41	52	5	-	5.2
Ilkley	bc	bc.	35	50	2	-	3.8
Cleethorpes	cm	oc	38	50	1	-	1.0
Skegness	rocbc	bccom	39	52	2	-	1.7
Aberystwyth	rcbc	bcc	46	52	5	-	2.6
Bath	cbc	c	44	53	4	-	0.1
Cheltenham‖	cbc	bc	44	53	4	-	2.5
Leamington Spa	o	o	37	51	5	-	0.0
Lowestoft	cd	c	37	49	3	0.2	0.0
Felixstowe	cmd	cmd	37	50	4	1	0.0
Harwich & Dovercourt	ocdm	docm	38	50	4	1	0.0
Southend	ocd.	goc	37	51	3	0.3	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	oc	codo	48	53	7	0.2	0.3
Bude	cdo	c	45	54	7	0.2	0.3
Penzance	c	c	49	54	11	-	0.4
Paignton	bcc	om	49	54	6	-	0.0
Torquay	om	oc	50	54	6	-	0.0
Jersey	dr	dr	45	55	5	3	0.0
Weymouth	cec	cbc	45	55	6	0.1	0.0
Bournemouth	coc	o	41	54	7	-	0.1
Ventnor	ofr	uc	42	54	3	Trace	0.0
Portsmouth (S'thsea)	o	o	41	54	5	-	0.0
Bognor	oid	oid	40	53	5	1	0.0
Littlehampton	or	oc	39	53	3	1	0.0
Worthing	oro	oc	39	53	4	0.5	0.0
Brighton	orr	ro	40	53	7	2	0.0
Eastbourne‖	roro	roiro	46	54	4	2	0.0
Hastings‖	ordmo	coprdm	46	53	3	2	0.0
Folkestone	orddm	oddmo	37	52	5	2	0.0
Dover	orr	rro	38	52	5	7	0.0
Tunbridge Wells	ror	o	36	53	3	2	0.0
Ramsgate	do	o	38	52	3	0.5	0.0
Margate	crc	dc	37	52	4	0.3	0.0
Deal	orr	d	37	52	3	2	0.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ℙ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ✣ 17h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24110 SATURDAY 26TH NOVEMBER 1927.

Observations at 13h. G.M.T. 25TH / Observations at 18h. G.M.T. 25TH

STATIONS. (For heights see p.4).	13h Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground.	18h Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea. 0-9
Lerwick	1012·0	+13	WNW	2	c	44	75	8	5700	StCu	5	ASt	8	•	1012·5	0	WSW	2	oc̥c̥	46	92	7	4000	Nb	10	–	10	•
Stornoway	1014·6	+1	SW	3	oc̥c̥	46	92	6	1500	St	10	–	10	•	1013·6	0	SW	6	o	51	85	6	1500	St	10	–	10	5
Wick	1015·7	+7	SW	2	bc	46	85	8	2500	StCu	3	CiSt	6	•	1016·0	0	SW	4	c/r	47	92	8	1500	Nb	6	CiSt	8	0
Tiree	1018·9	+3	SW'W	6	c	50	85	7	2500	StCu	10	–	10	1	1019·4	+1	SW	6	bc-	51	85	7	2500	StCu	7 8	–	7 8	6
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·0	•	WSW	5	bc	49	85	8	4000	~~[illegible]~~ Cu	~~10~~ 5	–	~~10~~ 5	•
Aberdeen	1019·6	+5	S	1	b	47	75	7	–	–	0	ACu	2	2	1021·5	+3	SSW	3	c	47	85	6	2500	Cu	2	ACu	9	0
Malin Head	1021·5	+1	S'W	5	bc	49	92	8	–	–	0	ACu	4	•	1021·7	+1	S'W	6	c+	50	92	7	5700	StCu	7	ACu	8	5
Renfrew	1022·8	+3	SSW	4	c	48	85	7	1500	St	7	ASt	9	2	1024·7	+3	SW	5	c	48	85	7	2500	StCu	9	–	9	•
Edinburgh (Inchkeith)	1021·5	+5	SW	4	c+	47	85	8	5700	Cu	3	ACu	8	•	1022·7	+1	WSW	4	b-	47	75	8	–	–	0	ACu	1	2
Leuchars	1021·2	+4	SW	5	c+	47	75	7	2500	StCu	6	ACu	9	1	1023·0	+3	SW	4	bc	46	75	7	4000	StCu	5	ACu	6	•
Eskdalemuir	1024·5	+4	SSW	4	bc	45	85	7	1500	St	4	ACu	7	2	1026·4	+3	~~SW~~ SSW	4	c+	46	85	7	2500	StCu	9	–	9	•
Tynemouth	1024·7	+3	W	2	c/f	49	75	6	800	St	6	ACu	8	•	1026·9	+1	SW	2	c	47	85	6	800	St	8	–	8	1
Blacksod Point	1021·9	+1	SSW	6	bc	51	65	8	*	CuNb	3	–	3	•	1021·6	0	SW	6	c+	53	65	7	•	CuNb	10	–	10	7
Donaghadee	1024·7	+2	WSW	2	bc+	48	85	8	5700	StCu	4	ACu	6	•	1025·8	+2	SW	2	c+	48	92	8	5700	StCu	8	–	8	1
Birr Castle	1025·5	•	S	2	b	48	75	8	–	–	0	Ci	1	•	1026·1	•	S	3	bc+	47	92	7	4000	Cu	4	–	4	•
Holyhead	1028·4	+2	SW	4	bc+	52	65	8	2500	Cu	1	CiSt	3	1	1029·2	+1	SSW	4	b	50	85	7	–	–	0	–	0	1
Liverpool (Bidston)	1029·1	+1	SW'W	3	b+	49	65	7	–	–	0	ACu	1	•	1030·0	+1	SW'W	3	b	46	75	7	–	–	0	–	0	•
Chester (Sealand)	1028·7	+2	SW'W	3	b	53	55	8	–	–	0	Ci	1	1	1029·6	0	SSW	2	b	44	75	6	–	–	0	–	0	•
Harrogate	1027·2	+4	SW	3	bc	48	75	7	4000	Cu	4	CiCu	6	•	1029·8	+2	SW'S	3	b	45	75	7	–	–	0	–	0	•
Spurn Head	1028·1	+3	W'S	4	b	47	75	6	–	–	0	CiCu	1	•	1030·0	+4	SW	4	b	44	85	6	–	–	0	–	0	1
Birmingham (Edgbaston)	1030·5	+3	SW	2	b	49	75	6	–	–	0	–	0	2	1032·3	+2	S	2	b	43	85	6	–	–	0	–	0	•
Cranwell	1029·4	+2	WSW	3	b	48	75	6	–	–	0	–	0	1	1031·7	+4	SW'S	2	fb-	40	97	4	~~450~~	~~St~~	~~4~~ 0	–	~~4~~ 0	•
Gorleston	1029·3	+6	W	2	b	50	65	6	800	St	1	Ci	2	•	1032·1	+3	SW	2	b	43	92	5	–	–	0	–	0	0
Valentia (Cahirciveen)	1027·0	0	S'W	4	bc	54	85	8	1500	StCu	5	ACu	6	2	1026·7	0	S'E	4	c	52	75	8	2500	St	9	–	9	3
Roches Point	1028·8	+2	SW	2	bc	53	92	8	1500	StCu	2	CiCu	3	•	1029·1	+1	SW	3	b	50	97	8	1500	StCu	1	–	1	1
Pembroke (St. Ann's H.)	1029·7	+3	SW	3	bc+	53	92	8	1500	Cu	4	ACu	5	•	1030·7	+2	SSW	4	c+	51	97	8	800	Cu	6	ASt	8	2
Ross-on-Wye	1030·0	+3	SW'S	2	b-	52	65	6	–	–	0	Ci	1	2	1031·8	+2	WSW	1	b	43	92	5	–	–	0	–	0	•
Leafield	1030·9	+4	W	3	bc	50	75	6	4000	Cu	1	CiSt	3	1	1033·0	+3	SW'S	1	b	41	92	7	–	–	0	–	0	•
Winchester (Worthy Dn.)	1031·2	+1	NW'N	1	bc	45	92	5	–	–	0	CiSt	3	2	1033·2	+3	–	0	b	38	92	5	4000	StCu	1	–	1	•
S. Farnborough	1031·0	+2	W	1	b	51	75	7	–	–	0	Ci	1	2	1033·5	+3	W'S	1	mmb	37	92	4	–	–	0	–	0	•
London (Kew Obsy.)	1031·3	+2	W	1	b	48	75	5	–	–	0	ACu	1	2	1033·7	+2	–	0	ffb	41	97	3	–	–	0	–	0	•
Croydon	1031·3	+4	W	1	b-	50	65	5	–	–	0	ACu	1	2	1033·4	+3	S'W	2	ffb	38	92	3	–	–	0	–	0	•
Shoeburyness	1031·4	+5	WNW	1	b	50	75	7	–	–	0	ASt	1	•	1033·6	+3	–	0	ffb	39	92	3	–	–	0	–	0	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1033·3	+2	W	3	bc	44	92	6	–	–	0	ACu	4	1
Felixstowe	1030·7	+3	WNW	2	b	49	75	6	–	–	0	Ci	1	1	1033·5	+3	SW	1	b	43	92	6	–	–	0	–	0	0
Lympne	1031·0	+2	W'N	2	b	51	75	5	–	–	0	Cu	1	2	1033·6	+3	SE'S	2	b	41	97	5	–	–	0	–	0	•
Scilly (St. Mary's)	1030·0	+2	WSW	2	b	55	85	8	4000	Cu	1	–	1	•	1032·5	+1	S	2	b	47	97	8	4000	Cu	2	–	2	2
Falmouth (Pendennis)	1031·8	0	WSW	2	bc+	54	85	8	4000	Cu	3	–	3	•	1033·1	+2	SW'S	2	b	49	92	8	4000	Cu	2	–	2	1
Plymouth (Cattewater)	1031·4	+2	W	1	b	54	75	5	4000	Cu	1	–	1	2	1032·9	+3	–	0	b	47	97	6	4000	Cu	1	–	1	0
Portland Bill	1031·2	+3	W	1	bc	55	85	8	2500	Cu	2	CiSt	7	•	1032·8	+2	S	1	b	52	85	8	2500	StCu	1	–	1	1
Southampton (Calshot)	1032·1	+2	–	0	fb-	46	97	5	–	–	0	Ci	1	5	1033·8	+3	W	1	b	43	97	6	–	–	0	–	0	0
Dungeness	1032·3	+2	NW	1	b	51	75	7	–	–	0	CiSt	2	•	1033·9	+4	–	0	b	46	75	6	–	–	0	–	0	0
Guernsey (Fort George)	1032·2	+1	–	0	bc	53	85	8	4000	Cu	4	–	4	•	1033·4	+1	SW	1	b	50	85	9	–	–	0	–	0	0

Marginal notes (red): Cu; SSW

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather (24 hours ended 8h.) Morning	Afternoon	Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset hrs.	Humidity 13h. G.M.T. % Yesterday	9h. G.M.T. % To-day	Visibility 9h
Kew (24 hours ended 7h.)	18	bfxbm	bwz f	bfwxof	49	28	27	–	0·1	6·1	*	*	0
Croydon (24 hours ended 7h.)	244	bmz₀	bz₀ff	bff bxfx	52	35	30	–	–	7·0	*	*	0
Greenwich (Royal Obsy.)	149	bz	bbc bz	bzbxf	48	29	21	–	0·3	2·3	81	87	0
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2·5	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	51	29	23	–	–	2·8	77	94	*
Regent's Pk. (Botanic Gdns.)	188	*	*	*	*	*	*	*	*	2·1	*	*	*
Camden Square	110	xb	b	*	48	34	27	–	–	*	*	100	*
Kensington Palace	80	b	b	*	50	31	?	–	–	*	(At 18h 83)	99	*
Hampstead Observatory	450	*	*	*	49	35	23	Tr	Tr	6·0	*	96	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 26TH

South Kensington Max.	Time	Min.	Time.
2·3	22h25	0·8	13h25

Kew Observatory Max.	Time.	Min.	Time.
1·1	23h25	0·3	14h25

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25TH 17 h. 0 m. to 26TH 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris & Ursae Minoris	13 30	13·30	100

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

26TH & 27TH Nov., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·35 / 7·36	11·40 / 11·40	15·45 / 15·44
Greenwich	7·37 / 7·38	11·47 / 11·47	15·57 / 15·56
Wick	8·27 / 8·29	11·59 / 12·0	15·32 / 15·30
Valentia	8·20 / 8·21	12·28 / 12·28	16·36 / 16·35

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)=" hail " or " rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain. rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♃ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—b/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

SEA DISTURBANCE.
0=no swell
1=mod. swell } Calm or slight sea.
2=heavy swell
3=no swell
4=mod. swell } Moderate sea.
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

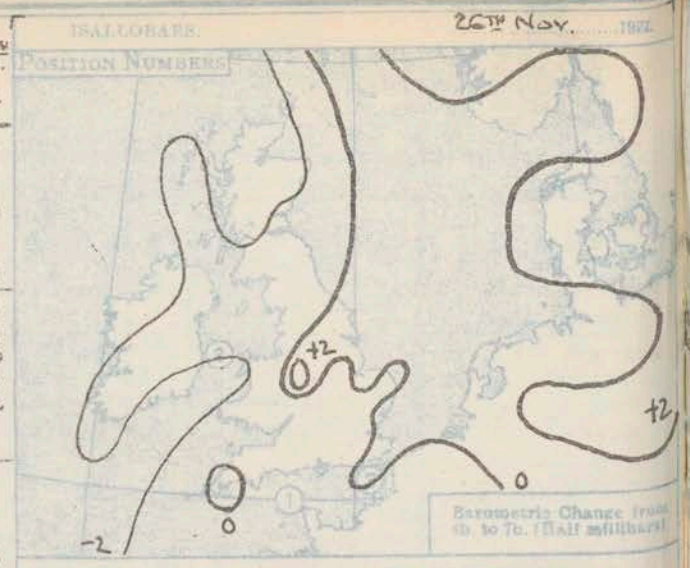
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h. 13h. 25TH	13h.-18h. 25TH	18h. 25TH to 18h. 26TH	18h.-7h. 26TH	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 25TH Hours.
Lerwick	c	cor.r.o	or.r.c	or.c.rc	46	45	.	0.4	16.30	4	<21.00	2.4
Stornoway	r-d	r-d	c	r-d	52	48	.	3	*	1	*	0.0
Wick	cpr.bc	lr.c	c	c	48	45	.	0.6	18.00	-	-	
Tiree	cpr.cq	cq	coq	cq	51	47	42	0.3	18.00	-	-	0.0
Nairn	bcjp	bcq	bcq	bc	49	46	.	-	-	-	-	-
Aberdeen	bbcb	bccm	c.m.	cm.c	47	45	38	-	-	-	-	2.3
Malin Head	bcs	bcce	cecbc	bc.ce	51	47	.	-	-	-	-	2.0
Renfrew	bPbqc	czq	cq	cq	49	47	44	1	9.00	-	-	0.3
Edinburgh (Inchkeith)	bc	cbcb	b	bbc	49	47	44	-	-	-	-	3.0
Leuchars	bbcc	cbc	bcb	bcc	48	45	41	-	-	-	-	1.8
Eskdalemuir	bc	bcc	cp.bc	cop.m.	46	43	41	-	-	Trace	01.00	2.4
Tynemouth	bccif	c	cbc	bc	50	44	34	-	-	-	-	.
Blacksod Point ...	bcb	cqo	oqr	Rq.D	54	45	.	-	-	4	*	.
Donaghadee	bc	bcc	c	cbc	50	44	.	-	-	-	-	.
Birr Castle	b	bbc	bcc	c	52	46	40	-	-	-	-	5.3
Holyhead	b	bcb	bc	c	53	50	46	-	-	-	-	5.3
Liverpool (Bidston) ...	b	bbcb	bbcbe	be.bcc	50	41	35	-	-	-	-	6.3
Chester (Sealand) ...	bm.by	b	b	bw	53	37	29	-	-	-	-	6.2
Harrogate	bbc	bcb	bbc	bbc	48	40	36	-	-	-	-	2.4
Spurn Head	b	bbz	bw	bbw	47	39	.	-	-	0.1	-	5.3
Birmingham (Edgbaston)	b	b	bbm	mbfo	49	38	32	-	-	-	-	4.9
Cranwell	bcb	bm.	b-bc	b-bc	49	33	29	-	-	-	-	6.4
Gorleston	b	bm.	bbwmm	bwxmm	50	36	33	-	-	Trace	-	6.8
Valentia (Cahirciveen)	bc	bcco	o	oid.o	54	51	46	-	-	0.1	2.30	4.3
Roches Point	bbc	bcbw	bw	bcc	53	49	.	Trace	-	Trace	-	.
Pembroke (St. Ann's H.)	bbc	bcq	bcq	bccq	54	50		-	-	-	-	6.1
Ross-on-Wye	bbcb	bz.bm	bmwfbz	cfof	52	35	27	-	-	Trace	-	6.6
Leafield	bbc	bcb	bx	bbcwe	50	32	24	-	-	0.3	-	6.8
Winchester (Worthy Dn.)	bFfbcq	bm.	bmff	brffx	52	30	23	0.1	-	0.2	2.30	4.7
S. Farnborough ...	b	bbm	bmwfx	bfofx	52	29	25	Trace	-	0.1	-	7.2
London (Kew Obsy.) ...	bfxbm	bwz.f	bfwx	cfx	49	28	27	-	-	0.1	-	6.1
Croydon	bm.z.	bz.ff	bffm	bm.ffx	52	35	30	-	-	-	-	7.0
Shoeburyness	bm.b	bmbf	bf	bff✗	52	26	~~13~~ 21	-	-	-	-	7.3
Clacton-on-Sea ...	bc	bc	bc bm	bmbcm	49	38	28	-	-	-	-	7.2
Felixstowe	bm.	bm.	bm.w	bwffx	51	31	23	-	-	Trace	-	7.2
Lympne	bm.z.	bm.w	bmow	bm.ffx	51	39	24	Trace	-	Trace	24.00	7.0
Scilly (St. Mary's) ...	b	b	bbcc	cbcc	55	47	.	-	-	-	-	7.5
Falmouth (Pendennis)	b	bcf	bbc	bc	56	47	.	-	-	-	-	7.5
Plymouth (Cattewater)	cumbz	bz.w	bmw	bwc	55	40	?	Trace	-	Trace	-	7.0
Portland Bill	bbc	bcb	b	bbc	56	51	.	-	-	-	-	.
Southampton (Calshot)	[illegible]	bmbmz	baffe	cfeffe	48	36	26	0.1	-	0.1	-	6.4
Dungeness	b	bbz	bz.mf	bfcbb	51	30	.	-	-	-	-	.
Guernsey	bcb	bw	bwv	bw	55	47	.	-	-	Trace	-	4.7

Instrument out of order



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	10h. 25TH	CAMBRIA	WSW	3	c	50	53	8
3	2h. 26TH	DIEPPE	-	0	bc.lf	54	54	8

GENERAL INFERENCE.

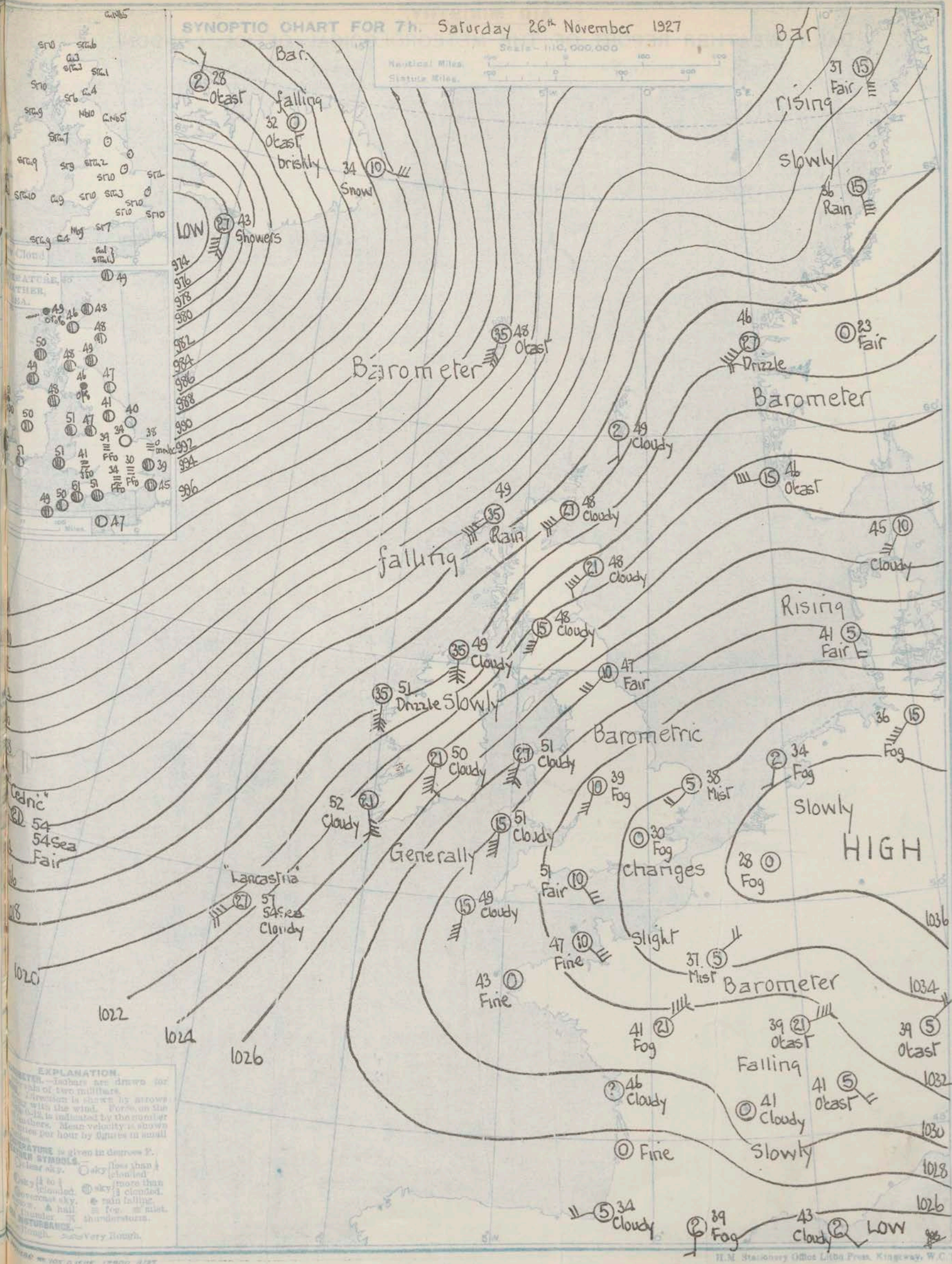
A deep depression is approaching Iceland from the Southwest and secondaries to it are likely to move northeastwards across the western and northern parts of the British Isles. Weather will be, apart from local fog, mainly fair in the Southeast and unsettled in the Northwest.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 26th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Variable to southwesterly winds, light, freshening; variable skies, local fog night and morning; ground frost at night.	Fair periods in the Southeast; continuing unsettled in the Northwest
4. W. Midlands 5. S.W. England	Southerly to southwesterly winds, moderate to strong at times; fair to cloudy, occasional local rain or drizzle and mist; rather mild.	
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Southwesterly winds, moderate to strong at times; fair to cloudy, occasional local rain or showers; rather high day temperature, perhaps ground frost locally at night.	South Cone hoisted 3h. 10m. G.M.T. today in districts 15 and 16; still flying in districts 13A, 13B. and 17.
13. (A) W. Scotland (B) NW. Scotland 14. Mid-Scotland	Southwesterly winds, moderate to strong, approaching a gale at times; cloudy to fair, occasional rain; rather mild. As 6 - 12.	
15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	As 13A and 13B.	
19. S.E. Ireland 20. S.W. Ireland	As 4 - 5.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1010 G.M.T. G. C. SIMPSON, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.



H.M. Stationery Office Litho Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SATURDAY, 26TH NOVEMBER 1927. No. 330

Observations at 1h. G.M.T. 26TH

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height. Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	1013.3	+3	SW	3	cjb	50	92	8	4000	CuNb	5	A.St	8	.
Stornoway	50	1015.4	+1	SW	8	c	.	.	6	.	.	.	.	10	6
Wick	81	1017.1	+2	SW	1	bc	48	85	8	2500	St.Cu	4	-	4	3
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	6
Nairn	83	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Aberdeen	48	.	.	.	.	.	.	.	.	.	.	.	.	.	0
Malin Head	81	1021.2	-2	S'E	6	bc	49	85	8	5700	St.Cu	3	-	3	5
Renfrew	39	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Edinburgh (Inchkeith)	190	1023.4	+1	SW	3	b+	48	85	8	1500	St	1	Ci.Cu	2	2
Leuchars	40	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Tynemouth	67	1028.1	0	SW	3	bc	48	85	7	1500	Cu	3	-	3	1
Blacksod Point ...	18	1019.8	-2	S	7	or+	51	?	7	.	Nb	10	-	10	8
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	2
Birr Castle	173	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Holyhead	26	1029.0	-1	SSW	5	bc	51	75	7	1500	St.Cu	6	-	6	5
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Harrogate	478	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spurn Head	29	1031.3	+1	SW'S	4	b	40	92	6	-	-	0	-	0	.
Birmingham (Edgbaston)	536	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Cranwell	236	1033.1	+1	SW'W	2	b	38	97	6	-	-	0	-	0	.
Gorleston	14	1034.4	0	SW	2	b	38	92	5	-	-	0	-	0	0
Valentia (Cahirciveen) ‡	30	1024.4	-2	S	4	or+	52	97	8	-	St	10	-	10	3
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	4
Pembroke (St. Ann's H.)	150	1031.2	0	SW'S	4	bc	51	92	8	2500	Cu	5	-	5	4
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Leafield	612	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Winchester (Worthy Dn.)	272	.	.	.	.	.	.	.	.	.	.	.	.	.	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.	.
London (Kew Obsy.) ...	16	.	.	.	.	.	30	.	.	.	.	.	.	.	.
Croydon	344	1034.6	0	S'W	3	b	36	92	6	-	-	0	-	0	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	0
Lympne	350	1034.7	0	SSW	2	b	42	97	5	-	-	0	-	0	.
Scilly (St. Mary's) ...	163	1031.5	-1	S'W	5	c+	50	75	8	4000	St.Cu.	10	-	10	3
Falmouth (Pendennis)	200	1033.1	-1	S.W	3	bc+	50	85	7	4000	St.Cu.	4	-	4	6
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	9
Portland Bill	33	1033.4	0	SSW	1	b	51	85	8	2500	St.Cu	2	-	2	0
Southampton (Calshot)	10	1034.7	-1	-	0	ffo	41	97	3	1300	St	10	-	10	0
Dungeness	20	1035.4	+1	NNW	1	ffbc	33	97	2	<150	St	6	-	6	2
Guernsey (Fort George) ‡	295	1034.7	0	-	0	b-	47	97	8	-	-	0	-	0	3

Observations at 7h. G.M.T. 26TH

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height. Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014.3	0	S	1	cjb	49	92	8	4000	CuNb	5	A.St	9	.
Stornoway	1011.8	-2	SW	7	ofg	49	92	6	1500	St	10	-	10	6
Wick	1015.2	-2	SW	6	c	48	85	8	2500	St.Cu	6	Ci.St	8	3
Tiree	1016.6	0	S	6	o	50	85	7	1500	St	10	-	10	6
Nairn	1017.8	.	SW	1	bc	46	85	8	4000	Cu	6	-	6	.
Aberdeen	1020.6	-2	SW	5	c	48	75	7	2500	St.Cu	1	A.Cu	8	0
Malin Head	1017.6	-2	S	7	c	49	92	7	4000	St.Cu	9	-	9	5
Renfrew	1023.7	-2	SSW	4	c	48	75	7	4000	St	6	A.St	9	.
Edinburgh (Inchkeith)	1023.5	-1	WSW	4	c+	49	75	8	4000	Cu	4	A.Cu	8	2
Leuchars	1023.2	-1	SW	5	c	48	75	8	2500	St.Cu	6	A.St	9	.
Eskdalemuir	1026.2	-1	SSW	6	o/pr	46	85	6	1500	Nb	10	-	10	.
Tynemouth	1028.1	-1	SW	3	bc+	47	85	7	1500	CuNb	5	-	5	1
Blacksod Point ...	1017.2	-2	S	7	oDD	51	92	5	.	Nb	10	-	10	8
Donaghadee	1024.6	-1	SW	3	bc-	48	85	8	5700	St.Cu	7	-	7	2
Birr Castle	1024.4	1	S	5	c+	50	85	7	2500	St.Cu	9	-	9	.
Holyhead	1027.5	-2	SSW	6	c	51	75	8	1500	St	9	-	9	5
Liverpool (Bidston) ...	1030.0	-1	SSW	3	c+	47	75	7	2500	St.Cu	2	A.Cu	8	.
Chester (Sealand) ...	1029.7	-1	SE	2	bc+	38	92	7	2500	St.Cu	4	Ci	7	.
Harrogate	1030.1	-1	SSW	3	bc	41	92	6	-	-	0	Ci.St	6	.
Spurn Head	1031.1	0	SW	3	b	40	97	6	-	-	0	-	0	.
Birmingham (Edgbaston)	1032.7	+2	SSW	3	oFF	39	97	1	<150	St	10	-	10	.
Cranwell	1032.6	0	S'E	3	b	34	97	6	-	-	0	-	0	.
Gorleston	1033.9	-1	SW	2	mmbc	38	92	4	1500	St	4	-	4	0
Valentia (Cahirciveen) ‡	1022.6	-1	S'E	5	c	52	92	7	800	St	10	-	10	3
Roches Point	1026.7	-2	SW	4	c	51	92	8	1500	St.Cu	10	-	10	4
Pembroke (St. Ann's H.)	1029.4	-	SSW	4	c+	51	92	8	1500	Cu	9	-	9	4
Ross-on-Wye	1031.9	-1	WSW	1	ffo	41	97	3	450	St	10	-	10	.
Leafield	1033.3	-1	SSE	2	Fbc+	32	97	1	4000	St.Cu	3	-	3	.
Winchester (Worthy Dn.)	1033.8	-1	-	0	ffbc	33	97	2	2500	St.Cu	5	-	5	.
S. Farnborough ...	1034.0	-1	SE	2	Ffo	34	92	1	<150	St	10	-	10	.
London (Kew Obsy.) ...	1034.4	-1	-	0	Ffo	30	97	1	<150	St	10	-	10	.
Croydon	1033.9	-1	S	3	fb-	35	97	3	450	St	1	-	1	.
Shoeburyness	1034.8	-1	-	0	Ffb	27	97	1	-	-	0	-	0	.
Clacton-on-Sea ...	1034.4	+1	SW	3	bc	39	97	5	4000	St.Cu	4	-	4	1
Felixstowe	1034.8	0	-	0	Ffb	32	97	0	-	-	0	-	0	0
Lympne	1034.2	0	SE	2	Ffo	~~49~~ 42	97	1	800	St	10	-	10	.
Scilly (St. Mary's) ...	1030.4	-1	SSW	4	c	49	85	8	4000	St.Cu	9	-	9	3
Falmouth (Pendennis)	1031.2	+1	S'E	4	bc	50	85	8	4000	Cu	4	A.Cu	6	.
Plymouth (Cattewater)	1031.8	-1	S	4	c+	51	85	7	2500	Nb	9	-	9	0
Portland Bill	1032.3	-1	SSE	3	bc	51	85	8	1500	St	7	-	7	0
Southampton (Calshot)	1034.0	0	E'N	2	oFF	41	97	1	<150	St	10	-	10	0
Dungeness	1035.5	0	SW	1	c+	45	97	5	1500	St	10	-	10	2
Guernsey (Fort George) ‡	1033.1	-1	SE	3	b	47	85	8	4000	Cu	2	-	2	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25TH NOVEMBER

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 24th to 9h. 25th °F.	Temperature. Max. 9h.-17h. 25th °F.	Rainfall.† Night 17h.-9h. 24th-25th mm.	Rainfall.† Day 9h.-17h. 25th mm.	Sunshine. Sunrise to Sunset. 25th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	c	c	40	49	-	-	2.1
Douglas (I. o. M.) ...	b	bcc	42	51	0.5	-	4.0
Llandudno ...	b	bbc	44	52	Trace	-	6.4
Colwyn Bay ...	bbcb	b	45	53	-	-	5.8
Rhyl	bc	bc	41	53	0.2	-	6.4
Wallasey	b	b	41	54	-	-	6.2
Southport	bcb	b	46	50	2	-	6.2
Blackpool	bc	c	46	52	0.4	-	6.0
Ilkley	cbc	bc	38	51	1	-	4.5
Cleethorpes	b	b	38	50	Trace	-	5.7
Skegness	b	b	36	49	Trace	-	6.2
Aberystwyth ...	cwbc	bc	47	52	-	-	6.7
Bath	mb	b	33	53	-	-	7.0
Cheltenham ...	wbcb	bbcm	39	51	-	-	5.7
Leamington Spa ...	bw	bm	33	51	-	-	4.8
Lowestoft	b	b	37	49	-	-	7.0
Felixstowe	bm	bm	36	50	Trace	-	6.9
Harwich & Dovercourt	b	bm	36	50	0.3	-	7.0
Southend	b	b	38	52	Trace	-	6.5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcb	b	48	55	-	-	6.0
Bude	b	b	43	58	-	-	7.2
Penzance	bwm	bcbm	39	57	-	-	6.3
Paignton	bmw	bcb	41	58	(Trace)	-	6.3
Torquay	mb	b	52	56	1	-	7.9
Jersey	b	b	38	55	-	-	7.5
Weymouth	mb	bm	38	54	-	-	6.7
Bournemouth ...	xbz	bz	40	54	-	-	6.7
Swanage ...	b	bm	38	5[illegible]	-	-	7.0
Portsmouth (S'thsea)	bc	bc	38	51	-	-	7.2
Bognor	b	b	36	53	-	-	7.1
Littlehampton ...	b	b	36	50	-	-	7.4
Worthing	bcfb	bf	37	51	Trace	-	6.4
Brighton	b	b	39	53	-	-	7.7
Eastbourne	mb	bm	40	52	0.3	-	7.4
Hastings	b	bm	40	51	0.4	-	6.3
Folkestone	mb	bm	38	50	Trace	-	6.6
Dover	b	b	38	52	-	-	7.4
Tunbridge Wells ...	bm	bm	40	51	-	-	7.0
Ramsgate	bc	bc	39	49	-	-	7.3
Margate	b	b	38	49	-	-	6.6
Deal							

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* Information not usually received. ‡ The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †† See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24111. SUNDAY 27TH NOVEMBER 1927.

Observations at 13h. G.M.T. 26TH

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1013.6	-1	S	1	cp	49	92	8	4000	CuNb	5	ASt	10	•
Stornoway	1011.0	-2	SSW	6	or	51	92	6	1500	St	10	-	10	•
Wick	1015.6	+1	SSW	5	c	48	85	8	1500	StCu	6	CiSt	8	2
Tiree	1015.9	0	S	7	cr₀	50	97	7	1500	Nb	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1020.2	-2	SW	4	c	50	85	7	1500	Cu	6	ACu	9	2
Malin Head	1017.6	0	S	6	c	51	92	7	2500	StCu	9	-	9	•
Renfrew	1022.7	-2	S	5	cd₀	51	85	6	1500	St	9	ASt	10	1
Edinburgh (Inchkeith)	1021.2	-2	SW	4	c+	50	75	8	800	St	<1	CiCu	8	•
Leuchars	1022.5	-1	SW	6	c₀	50	75	7	2500	StCu	8	ASt	10	•
Eskdalemuir	1025.2	-2	SSW	6	o	46	75	7	1500	St	10	-	10	2
Tynemouth	1027.0	-2	S	2	bc	50	85	7	1500	CuNb	6	-	6	•
Blacksod Point	1015.8	-2	S	7	oDD	52	97	5	-	Nb	10	-	10	•
Donaghadee	1022.6	-3	SW	3	c	50	92	8	5700	StCu	5	ASt	8	•
Birr Castle	1021.8	•	S	5	c	51	75	7	1500	Nb	9 (6a50)	-	9	•
Holyhead	1026.4	-3	SW	5	c	52	75	8	2500	StCu	9	-	9	1
Liverpool (Bidston)	1028.4	-3	SW	1	bc	51	65	8	-	-	0	CiCu	7	1
Chester (Sealand)	1029.4	-3	SE	2	bc	53	65	8	4000	Cu	2	Ci	7	1
Harrogate	1028.0	-1	S	1	bc	49	75	5	-	-	0	CiSt	7	•
Spurn Head	1030.3	-1	SW	3	b	44	92	6	-	-	0	-	0	•
Birmingham (Edgbaston)	1030.9	-4	SSW	2	c	45	92	6	2500	StCu	8	-	8	2
Cranwell	1031.7	-3	SW	3	b₀	48	85	6	2500	StCu	1	-	1	1
Gorleston	1032.9	-2	SW	2	b	50	85	6	-	-	0	-	0	•
Valentia (Cahirciveen)	1021.4	-3	SE	5	odd₀	53	92	6	800	St	10	-	10	2
Roches Point	1025.1	-3	SW	4	c+	51	92	8	1500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1028.2	-1	SSW	4	c	50	85	8	2500	StCu	8	-	8	•
Ross-on-Wye	1030.1	-3	SSW	3	c	49	75	7	4000	StCu	9	-	9	2
Leafield	1031.0	-2	S	1	o	47	92	7	4000	Cu	2	-	2	•
Winchester (Worthy Dn.)	1031.2	-4	SSE	2	bcf	49	75	8	4000	Cu	6	-	6	2
S. Farnborough	1031.7	-4	SE	2	b	49	85	6	-	-	0	-	0	2
London (Kew Obsy.)	1032.8	-4	S	0	Ff₀	35	97	0	<150	St	10	-	10	2
Croydon	1032.2	-4	S	3	cf	44	97	5	450	St	9	-	9	2
Shoeburyness	1033.0	-2	-	0	Ff₀	43	97	0 (4)	<150	St	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1033.4	-3	-	0	b	49	85	5	-	-	0	-	0	1
Lympne	1032.4	-4	E	1	cf	44	97	5	450	St	9	-	9	2
Scilly (St. Mary's)	1029.1	-2	S	4	bc	51	85	7	4000	StCu	7	-	7	•
Falmouth (Pendennis)	1029.9	-2	S	4	bc+	50	75	8	4000	Cu	5	-	5	•
Plymouth (Cattewater)	1029.8	-4	SSE	3	c	54	75	8	2500	Cu	6	-	6	2
Portland Bill	1030.4	-2	SSE	3	c	52	75	8	2500	StCu	9	-	9	5
Southampton (Calshot)	1031.9	-4	SE	0	bcf	47	97	6	4000	StCu	4	-	4	2
Dungeness	1033.2	-4	SE	2	cm	44	97	6	~~4000~~ 800	St	8	ASt	10	•
Guernsey (Fort George)	1030.8	-4	ENE	3	b	48	85	7	-	-	0	ACu	1	•

Observations at 18h. G.M.T. 26TH

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1012.9	-1	S	2	cp	49	92	8	4000	CuNb	5	ASt	10	•
Stornoway	1010.5	+1	SW	4	or	49	92	6	1500	St	10	-	10	3
Wick	1014.5	-1	SSW	4	c	50	85	8	1500	StCu	6	CiSt	8	•
Tiree	1014.6	-2	S	7	o	51	97	7	1500	St	10	-	10	7
Nairn	1013.7	•	WSW	4	bc+	52	85	8	4000	CuNb	7	-	7	•
Aberdeen	1019.4	-1	SSW	4	c	49	85	7	1500	Cu	7	ACu	10	0
Malin Head	1015.2	-1	S	6	c	51	92	7	5700	StCu	9	-	9	•
Renfrew	1020.7	-2	SSW	3	c	49	85	6	2500	StCu	8	-	10	•
Edinburgh (Inchkeith)	1020.1	-1	SW	4	bc	50	75	8	4000	Cu	4	ACu	7	2
Leuchars	1019.5	-4	SW	6	c	49	75	8	2500	StCu	6	ASt	8	•
Eskdalemuir	1023.2	-2	SSW	5	o	45	85	7	1500	St	10	-	10	•
Tynemouth	1024.3	-2	S	2	bc	46	85	7	1500	CuNb	6	-	6	•
Blacksod Point	1014.4	0	S	7	oR	53	97	5	•	Nb	10	-	10	8
Donaghadee	1021.2	-3	SW	3	c	49	92	8	5700	StCu	6	ASt	8	2
Birr Castle	1020.0	•	SSW	5	c	50	92	7	1500	Nb	9	-	9	•
Holyhead	1024.4	-1	SW	5	b₀	51	85	7	2500	St	10	-	10	4
Liverpool (Bidston)	1026.6	-2	SE	4	b₀	44	85	7	4000	St	1	-	1	•
Chester (Sealand)	1026.7	-1	SES	3	b-	41	85	6	-	-	0	-	0	•
Harrogate	1027.2	-1	SSW	3	b	43	85	7	-	-	0	-	0	•
Spurn Head	1027.6	-1	SW	5	bc	•	97	6	2500	St	4	-	4	2
Birmingham (Edgbaston)	1029.3	-1	S	2	c	44	85	6	2500	StCu	8	-	8	•
Cranwell	1030.6	-1	SSW	1	b	37	97	6	-	-	0	-	0	•
Gorleston	1030.6	-3	SE	3	bc+	45	92	6	2500	StCu	3	ASt	5	0
Valentia (Cahirciveen)	1019.4	-1	SE	5	od₀	53	92	6	450	St	10	-	10	3
Roches Point	1023.4	-1	SW	5	c₀	51	92	8	800	St	9	-	9	4
Pembroke (St. Ann's H.)	1026.3	-2	SW	4	c	51	92	7	2500	StCu	10	-	10	•
Ross-on-Wye	1028.3	-2	S	2	c	46	92	6	4000	StCu	9	-	9	•
Leafield	1029.3	-1	SE	1	c	41	92	6	5700	StCu	3	-	3	•
Winchester (Worthy Dn.)	1029.3	-1	Calm	-	f	39	97	2	<150	St	10	-	10	•
S. Farnborough	1030.1	-2	SE	1	m	41	97	4	800	St	10	-	10	•
London (Kew Obsy.)	1030.5	-2	E	1	f	39	97	2	-	-	10	-	10	•
Croydon	1030.3	-2	ESE	1	cf+	37	97	2	<150	St	10	-	10	•
Shoeburyness	1030.9	-3	-	0	bcm	41	97	4	4000	StCu	7	-	7	2
Clacton-on-Sea	1031.0	-1	WSW	4	[illegible]	43	97	6	2500	StCu	5	-	5	0
Felixstowe	1031.5	-3	-	0	f	43	97	0	<150	St	10	-	10	•
Lympne	1029.9	-3	NE	3	b	39	97	5	-	-	0	-	0	•
Scilly (St. Mary's)	1027.1	-1	SW	4	c+	49	85	7	4000	StCu	10	-	10	4
Falmouth (Pendennis)	1028.2	-1	S	3	c	50	85	8	4000	Cu	8	-	8	2
Plymouth (Cattewater)	1028.2	-1	-	0	b₀	43	92	8	2500	Cu	1	-	1	0
Portland Bill	1027.9	-2	ESE	3	b₀	43	85	8	2500	StCu	2	-	2	-
Southampton (Calshot)	1029.7	-1	NE	2	b	43	92	7	-	-	0	-	0	0
Dungeness	1030.2	-4	E	2	b-	46	85	7	-	-	0	-	0	2
Guernsey (Fort George)	1027.7	-2	ESE	2	b	48	75	7	-	-	0	-	0	0

London Observations	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
		24 Hours ended 9h.											
Kew, Croydon } 24 hours ended 7h.	18	oFxe	ofcbmw	fbwof	43	33	28	Tr	Tr	0.3	*	*	f
	244	bfFxcf	cobcm	ofcfe	45	35	27	Tr	0.3	2.8	*	*	2
Greenwich (Royal Obsy.)	149	Fbf	bcfe	cfofw	44	37	31	Tr	Tr	0.2	95	99	*
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	49	33	29	-	-	0.0	97	96	*
Regent's Pk. (Botanic Gdns).	163	*	*	*	*	*	*	*	*	*	*	*	*
Camden Square	110	fe	fe	*	42	36	34	0.3		*	*	100	*
Kensington Palace	80	of	of	*	43	37	!	-	-	*	(At 18h)	100	*
Hampstead Observatory	450	*		*						2.5	*		*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 27TH

South Kensington

Max.	Time.	Min.	Time.
4.0	13h.26th	0.3	5h.27th

Kew Observatory

Max.	Time.	Min.	Time.
1.1	15h.26th	0.3	7h.27th

Pole Star Record at Greenwich Obsy.

Exposure from 26TH 17 h. 00 m. to 27TH 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.30	Nil	-
δ Ursae Minoris	13.30	Nil	-

Code for State of Ground.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer, often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset.

27TH & 28TH Nov., 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.36 / 7.38	11.40 / 11.41	15.44 / 15.43
Greenwich	7.38 / 7.40	11.47 / 11.48	15.56 / 15.56
Wick	8.29 / 8.31	12.0 / 12.0	15.30 / 15.29
Valentia	8.21 / 8.23	12.28 / 12.29	16.35 / 16.34

Beaufort Notation of Weather.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. ! intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r₀ = slight rain.
rr = continuous rain.

SYMBOLS.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♅ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 33 feet above the ground.

Sea Disturbance.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

§ Telegraphic Code for Surface Visibility.

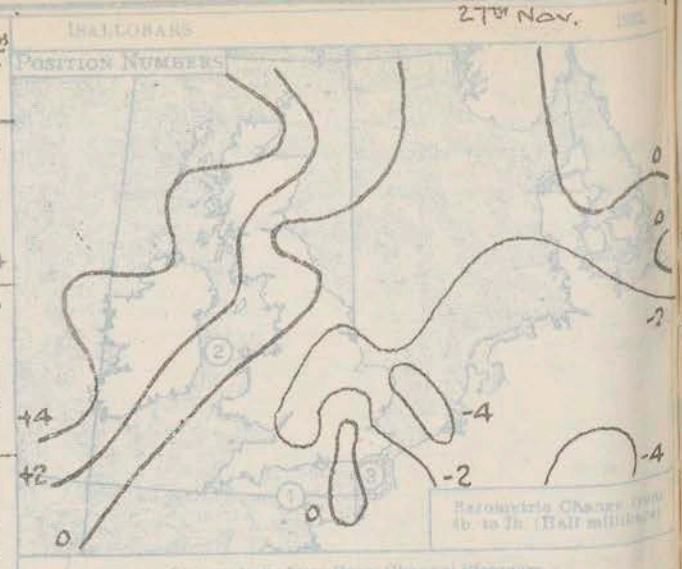
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

! Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 26th	13h.-18h. 26th	18h. 26th to 18h. 27th	18h.-7h. 27th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Day. 7h.-18h. began.	Night. 18h.-7h. mm.	Night. 18h.-7h. began.	SUN 26th Hours.
Lerwick	cir	cir	cir	coirc	50	48	•	2	<3.00	3	<21.00	0.0
Stornoway	r d	r d	c	orbcb	51	42	•	10	•	11	*	0.0
Wick	c	c	c	crbc	50	45	•	–	–	0.4	4.30	•
Tiree	pr.oq	r.ro	proq	pgbc	51	46	38	1	<3.00	4	<21.00	0.0
Nairn	bc	bcq	bcqp	pc	54	44	•	–	–	0.2	4.30	2.6
Aberdeen	c	c	c	c	50	48	47	–	–	–	–	0.4
Malin Head	ce	ce	cbcr	bcmr	51	43	•	–	–	1	22.00	0.0
Renfrew	cqrm	cqrc	coddq	orrm	51	47	44	0.1	9.00	11	<21.00	0.0
Edinburgh (Inchkeith)	c	c	cbc	p	52	48	45	–	–	1	2.30	1.4
Leuchars	cpr	c	c	crbc	52	48	47	Trace	12.30	0.6	3.30	0.7
Eskdalemuir	opo	o	opo	oorrm	47	43	43	Trace	<8.00	8	<21.00	0.0
Tynemouth	bc	bc	bc	bc	51	40	32	–	–	–	–	•
Blacksod Point ...	Dqd	Rq R	rcb	bb	53	42	•	(9)	*	1	*	•
Donaghadee	c	c	bcc	orrbc	50	46	•	–	–	5	1.30	•
Birr Castle	c	c	circ	bc	51	41	30	–	–	4	<21.00	0.0
Holyhead	c	co	oc	cd	53	49	48	–	–	0.2	5.30	0.3
Liverpool (Bidston) ...	c	cbcb	b brm	bcbcc	51	36	33	–	–	–	–	3.7
Chester (Sealand) ...	bc	bcbm	bm	bncmx	54	33	29	–	–	Trace	–	4.5
Harrogate	bcc	bcb	b	boff	50	32	28	–	–	–	–	2.4
Spurn Head	bbc	bcfbc	ffo	F	44	33	•	–	–	–	–	5.1
Birmingham (Edgbaston)	fc	c	cb	bofw	46	34	34	–	–	0.2	–	0.0
Cranwell	bfmb	c	bmfe	oid fe	49	32	27	–	–	0.5	–	3.0
Gorleston	bm	bmbc	cbc	bbcc	50	42	40	–	–	–	–	0.6
Valentia (Cahirciveen)	oid	od	or	opbcb	53	45	37	2	9.00	9	<21.00	0.0
Roches Point	c	coid	oidr	odrrc	53	48	•	Trace	16.30	9	22.00	•
Pembroke (St. Ann's H.)	cq	cq	cq	cd	52	49	•	–	–	Trace	–	0.1
Ross-on-Wye	ofbmc	c	cbmw	bmbc	50	36	25	Trace	–	–	–	0.0
Leafield	fcbcc	bcc	bcf	ffd	47	33	33	0.1	–	0.3	1.30	1.1
Winchester (Worthy Dn.)	bfmbc	bcoff	off	ofefe	52	33	33	–	–	0.1	–	6.2
S Farnborough ...	ofxb	F	omF	F	49	34	35	Trace	–	0.1	–	4.0
London (Kew Obsy.) ...	ofxc	afbmfw	bfwomw	ofw	43	38	28	Trace	–	Trace	–	0.0
Croydon	bffcf	cbbomw	otefe	ofefe	45	35	27	Trace	–	0.3	–	2.8
Shoeburyness	fc	cffcw	cmbf	om	44	35	35	–	–	Trace	–	0.0
Clacton-on-Sea ...	bcw	bcfm	bcff	bcfc	47	36	30	–	–	–	–	2.4
Felixstowe	bfm	bcF	ofebc	bcofe	49	35	30	Trace	–	0.2	–	2.8
Lympne	offcm	cbomw	bm	bmcfx	48	31	26	–	–	–	–	2.3
Scilly (St. Mary's) ...	cbc	bcc	cbc	bcc	52	46	•	–	–	–	–	1.6
Falmouth (Pendennis)	bc	bc	bc	bc	54	43	•	–	–	–	–	5.5
Plymouth (Cattewater)	cbc	bcbv	bwbc	bwc	54	36	34	–	–	Trace	–	4.3
Portland Bill	f	cbc	bbcm	bcacz	53	44	•	–	–	–	–	•
Southampton (Calshot)	bfcbcm	fbcmb	abwcf	ofecfe	49	36	32	Trace	–	Trace	–	5.8
Dungeness	mncz	cbcb	bbz	bzmm	48	31	•	–	–	–	–	•
Guernsey	b	bbc	bbc	bcmgu	49	41	•	–	–	Trace	–	8.0



Observations from Drow Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	10h. 26th	CAMBRIA	SSW	6	c+	51	54
1	12h. 26th	REINDEER	SE	3	bc-	51	54
3	2h. 27th	ARUNDEL	W	3	bc/f	54	54

GENERAL INFERENCE.

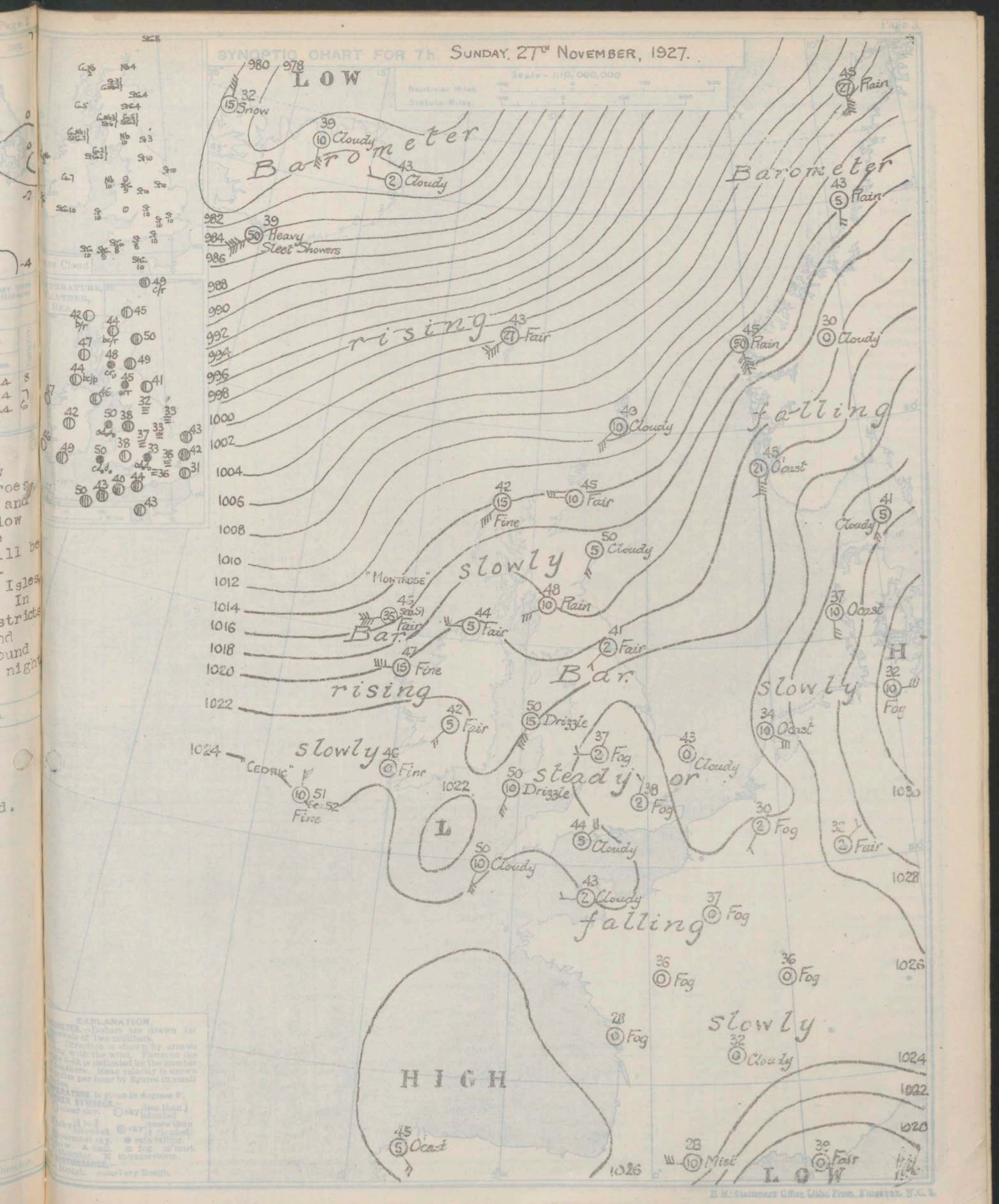
The deep depression now between Iceland and the Faeroes continues to move northeast and is filling up, while a shallow secondary is located off the Bristol Channel. Weather will be fair to cloudy in the north-western half of the British Isles with local rain or showers. In southern and midland districts there will be further fog and mist and local drizzle. Ground frost will occur locally at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 27th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light variable breeze; dull, drizzle in places; local fog or mist; rather low temperature; ground frost at night.	None issued.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales	Light variable winds; cloudy to fair apart from some local drizzle at first; local morning fog; rather low to moderate temperature; ground frost at night.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Light westerly wind; fair to cloudy; occasional local drizzle; local morning mist or fog; rather lower temperature, with ground frost locally at night.	
13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Westerly wind, light or moderate; variable skies, local showers; rather lower temperature, ground frost at night.	
19. S.E. Ireland 20. S.W. Ireland	Light variable wind; fair to fine; moderate day temperature, local ground frost at night.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1100 G.M.T. G. C. Simpson, F.R.S., Director.

† For scale see page 1

† Trace = rain has fallen, but amount less than .01 mm.


SYNOPTIC CHART FOR 7h. SUNDAY, 27th NOVEMBER, 1927.
LOW
Barometer
rising
Barometer
falling
slowly
Bar.
rising
slowly
Bar.
slowly
steady or
falling
slowly
HIGH
L
H
LOW
"MONTROSE"
"CEDRIC"
980
978
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
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1020
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1024
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1032

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SUNDAY, 27TH NOVEMBER 1927. No. 331

Observations at 1h. G.M.T. 27TH

STATIONS.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1009.8	-3	S	3	c/o	49	97	8	4000	Cu Nb	5	A.St	10
Stornoway	30	1010.0	-2	W	4	c	•	•	6	•	•	•	•	10
Wick	81	1011.9	-2	SW	3	c	49	92	8	2500	St.Cu	6	Ci.St	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1016.0	+2	SSW	4	bc/o	50	92	7	4000	St.Cu	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1018.0	0	WSW	3	bc-	49	85	8	1500	St	3	A.Cu	6
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1021.6	-3	SSW	3	bc	42	92	7	800	St	3	-	3
Blacksod Point ...	18	1016.9	+3	S	5	b	52	85	7	•	-	0	-	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1022.4	-3	SSW	5	c	51	75	7	2500	St.Cu	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1026.1	-1	S	4	ff o	36	97	2	220	St	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1027.9	-3	SSE	3	FFb	33	97	1	-	-	0	-	0
Gorleston	14	1027.3	-2	SE'S	3	b-	45	92	6	-	-	0	A.St	1
Valentia (Cahirciveen)‖	30	1021.1	+2	WSW	3	or-	52	92	6	-	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1023.9	-2	SSW	5	c	50	85	8	1500	Cu	8	-	8
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	40	•	•	•	•	•	•	•
Croydon	244	1026.7	-4	SE	1	Fo+	35	97	1	<150	St	10	-	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1026.5	-2	NE	3	b	39	92	6	-	-	0	-	0
Scilly (St. Mary's) ...	163	1025.0	-2	SW'S	3	bc-	48	85	8	4000	St.Cu	5	-	5
Falmouth (Pendennis)	200	1025.1	-1	-	0	bc+	47	85	9	4000	St.Cu	6	-	6
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1024.4	-4	NE	4	bc	47	92	5	1500	St	3	-	3
Southampton (Calshot)	10	1026.1	-3	N	2	ff o	37	97	2	220	St	10	-	10
Dungeness	20	1027.1	-3	NE	1	b	44	92	6	-	-	0	-	0
Guernsey (Fort George) ‖	295	1025.0	-4	-	0	c	44	92	5	2500	St.Cu	8	-	8

Observations at 7h. G.M.T. 27TH

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	1009.5	+1	SW	3	c/r	49	92	7	5700	St.Cu	8	A.St	10	•
Stornoway	1013.6	+4	SW	4	b/r	42	85	7	4000	Cu Nb	2	-	2	3
Wick	1014.8	+4	W	3	bc	45	92	8	1500	Nb	4	Ci.St	6	0
Tiree	1018.5	+2	W'N	4	bc	47	75	8	2500	Cu	5	-	5	4
Nairn	1016.4	•	W	1	bc/r	44	85	8	1500	Cu Nb	7	-	7	•
Aberdeen	1016.5	+2	SSW	2	c	50	85	8	2500	St.Cu	4	A.Cu	8	0
Malin Head	1020.3	+4	W	2	bc/b	44	97	7	5700	St.Cu	3	-	3	2
Renfrew	1018.6	+2	WSW	3	c/o	48	92	7	1500	St	9	-	9	•
Edinburgh (Inchkeith)	1017.3	0	WSW	4	c	49	85	8	4000	Cu	8	-	8	2
Leuchars	1017.3	0	SW	5	bc+	49	85	8	4000	St.Cu	4	A.Cu	7	•
Eskdalemuir	1019.7	0	SSW	4	orr	45	97	4	800	Nb	10	-	10	•
Tynemouth	1021.6	0	SW	1	bc	41	92	7	1500	St	3	Ci	4	1
Blacksod Point ...	1021.2	+3	W	4	b	47	75	7	•	Cu Nb	2	-	2	5
Donaghadee	1020.9	+3	WSW	2	bc-	46	97	8	4000	Cu	4	-	4	2
Birr Castle	1022.2	•	SW	2	bc-	42	97	7	2500	Cu	7	-	7	•
Holyhead	1021.8	0	SSW	4	cdd	50	97	6	1500	Nb	10	-	10	3
Liverpool (Bidston) ...	1023.0	-1	SE'S	3	c	38	92	6	-	-	0	A.St	9	•
Chester (Sealand) ...	1023.1	-1	SSE	2	c+	35	92	6	2500	St.Cu	9	-	9	•
Harrogate	1024.0	-1	SSW	1	ff o	32	97	2	<150	St	10	-	10	•
Spurn Head	1023.9	-1	SW	3	FFo	33	97	1	<150	St	10	-	10	1
Birmingham (Edgbaston)	1024.8	-2	W	1	ff o	37	97	3	800	St	10	-	10	•
Cranwell	1025.1	-3	-	0	ff o	33	97	2	<150	St	10	-	10	•
Gorleston	1023.8	-2 -4	-	0	c	43	97	6	1500	Nb	6	A.St	10	0
Valentia (Cahirciveen)‖	1023.7	+4	-	0	b	46	97	8	2500	St.Cu	2	-	2	4
Roches Point	1023.1	+2	SW	2	c	49	97	8	1500	St.Cu	10	-	10	4
Pembroke (St. Ann's H.)	1022.6	-1	SSW	3	cdd	50	92	7	1500	St.Cu	10	-	10	3
Ross-on-Wye	1024.1	-2	-	0	bc	38	92	6	-	-	0	Ci	4	•
Leafield	1024.8	-2	NNW	1	ff o	33	97	2	<150	St	10	-	10	•
Winchester (Worthy Dn.)	1024.8	-2	NE	1	cdd	33	97	2	<150	St	10	-	10	•
S. Farnborough ...	1024.3	-2	-	0	ff o	36	97	1	<150	St	10	-	10	•
London (Kew Obsy.) ...	1024.3	0	N'E	1	ff o	38	97	2	220	St	10	-	10	•
Croydon	1024.2	-2	S	1	ff o	35	97	1	<150	St	10	-	10	•
Shoeburyness	1024.1	-3	-	0	0	41	97	5	450	St	10	-	10	•
Clacton-on-Sea ...	1023.9	-1	NNE	3	c	43	97	6	4000	Nb	8	-	8	1
Felixstowe	1024.4	-3	-	0	0	42	97	6	1500	St	10	-	10	0
Lympne	1024.0	0	SSE	1	ff bc	34	97	3	450	St	6	-	6	•
Scilly (St. Mary's) ...	1023.4	-1	SSW	3	c+	50	92	8	4000	St.Cu	10	-	10	0
Falmouth (Pendennis)	1024.9	-1	-	0	c+	43	97	8	4000	St.Cu	9	-	9	0
Plymouth (Cattewater)	1024.0	-1	E	1	c	40	97	8	4000	St.Cu	8	Ci.St	8	0
Portland Bill	1023.2	-1	NE	2	c	44	92	6	2500	St	8	A.St	10	2
Southampton (Calshot)	1024.8	-1	N'W	2	cff	36	97	3	220	St	10	-	10	0
Dungeness	1024.1	0	NW	1	bc+	31	97	5	-	-	0	Ci.St	5	2
Guernsey (Fort George) ‖	1024.3	-1	W	1	c	43	85	6	4000	St.Cu	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26TH NOVEMBER

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 25TH to 9h. 26TH °F.	Temperature. Max. 9h.-17h. 26TH °F.	Rainfall.† Night 17h.-9h. 25TH-26TH mm.	Rainfall.† Day 9h.-17h. 26TH mm.	Sunshine. Sunrise to Sunset. 26TH hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	c	c	41	50	-	-	0.0
Douglas (I. o. M.) ...	oc	oc	45	51	-	-	0.2
Llandudno ...	b/bc	bc	45	52	-	-	3.4
Colwyn Bay ...	b	bcb	45	52	-	-	3.5
Rhyl	bc	bc	43	52	-	-	2.2
Wallasey	bcb	bbc	42	53	-	-	1.3
Southport	c	c	41	49	-	-	0.7
Blackpool	o	c	38	49	-	-	0.8
Ilkley	bc	bc	33	51	-	-	3.2
Cleethorpes	bm	bm	36	45	-	-	4.6
Skegness	bbfm	mbm	34	43	Trace	Trace	1.1
Aberystwyth ...	owc	bcc	45	51	-	-	1.2
Bath	mbfog	cbcb	31	50	Trace	-	0.9
Cheltenham‖ ...	bc	bcc	35	49	-	-	1.4
Leamington Spa ...	ocbc	bm	35	47	0.1	-	1.6
Lowestoft	o	bc	36	50	-	-	5.9
Felixstowe	bfc	bcbfc	29	50	Trace	Trace	4.2
Harwich & Dovercourt	bf	bf	30	50	Trace	-	4.2
Southend	cf	fco	37	43	-	-	1.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cb	bcc	44	53	-	-	1.8
Bude	wcbc	gcb	39	52	-	-	2.9
Penzance	b	b	46	53	-	-	2.5
Paignton	bfw	bbcb	34	54	-	-	5.6
Torquay	wbf	bcb	38	54	-	-	5.7
Jersey	b	b	38	48	-	-	2.2
Weymouth	cb	cb	35	53	0.1	-	2.1
Bournemouth ...	mbcbc	cbcbm	37	50	-	-	4.3
Ventnor ...	rb	cb	43	53	Trace	-	6.6
Portsmouth (S'thsea)	b	bm	38	52	-	-	6.9
Bognor	gccb	bcbc	36	50	-	-	6.0
Littlehampton ...	bc	b	33	49	-	-	7.4
Worthing	cb	b	33	49	-	-	4.9
Brighton	cfcbc	bcfb	33	50	-	-	4.4
Eastbourne‖	fo	cbcbf	33	47	-	-	2.7
Hastings‖	bfmo	obcf	41	46	0.3	-	1.5
Folkestone	fugm	bmo	35	49	Trace	-	3.7
Dover	fc	cb	33	49	Trace	-	3.8
Tunbridge Wells ...	bfbc	b	33	45	Trace	-	0.8
Ramsgate	bbcgu	bcbm	42	49	Trace	-	4.3
Margate	bcfb	fbcfo	42	50	Trace	Trace	2.7
Deal	xfcb	cbf	32	46	-	-	4.0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. ‖ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24,112 MONDAY, 28TH NOVEMBER 1927.

Observations at 13h. G.M.T. 27TH

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1013·5 (4)	+4	WSW	3	bc	47	75	8	4000	Cu.	3	Ci.St.	4	*
Stornoway	1016·9	+3	WSW	4	bc/pr	43	75	7	4000	Cu.Nb.	4	–	4	*
Wick	1017·7	+3	SW	2	bc	56	85	8	2500	Cu.	4	Ci.St.	6	*
Tiree	1020·9	+2	WSW	4	bcjp	47	75	8	2500	Cu.Nb.	3	–	3	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1020·4	+3	SW	3	b–	48	75	8	–	–	0	A.Cu.	1	1
Malin Head	1022·9	+2	SW	3	bcjp	49	85	8	4000	Cu.	5	–	5	*
Renfrew	1022·5	+3	W	3	bc	47	75	8	4000	St.Cu.	7	–	7	2
Edinburgh (Inchkeith)	1021·4	+4	WSW	3	b–	48	75	8	–	–	0	Ci.Cu.	1	*
Leuchars	1021·3	+3	WSW	3	bc–	49	65	8	–	–	0	Ci.	3	1
Eskdalemuir	1022·6	+3	WNW	2	b	47	65	8	2500	Cu.	1	Ci.St.	2	2
Tynemouth	1022·3	0	WSW	1	ffo	48	92	3	1500	St.	10	–	10	*
Blacksod Point	1024·2	+3	W	5	bc	50	55	9	*	Cu.	3	–	3	*
Donaghadee	1024·0	+2	WNW	2	bc–	49	75	8	4000	Cu.	3	–	3	*
Birr Castle	1025·4	*	SW	1	b–	48	75	8	2500	Cu.	2	–	2	*
Holyhead	1024·1	+2	NW'N	3	c–	50	85	7	2500	St.	8	–	8	1
Liverpool (Bidston)	1024·1	0	SW	2	c	46	85	6	2500	St.Cu.	9	A.St.	10	*
Chester (Sealand)	1023·6	0	SSE	1	mmc	44	85	4	2500	St.Cu.	9	–	9	1
Harrogate	1023·9	+1	SW	1	o+	45	92	5	2500	St.	10	–	10	*
Spurn Head	1023·5	–1	SW	2	mmo	37	97	4	450	St.	10	–	10	*
Birmingham (Edgbaston)	1024·2	0	–	0	ffbc	43	92	3	–	–	0	Ci.St.	7	2
Cranwell	1024·6	–1	W	3	ffFo	37	97	1	<150	St.	10	–	10	2
Gorleston	1022·0	–2	NW'N	2	mmc	45	85	4	–	–	0	A.St.	10	*
Valentia (Cahirciveen)	1026·5	+1	–	0	b	51	75	8	2500	Cu.	1	A.Cu.	2	2
Roches Point	1025·7	+3	N	2	b	50	85	8	1500	Cu.	2	–	2	*
Pembroke (St. Ann's H.)	1023·6	+1	NW'N	3	c/r	52	97	7	1500	St.Cu.	9	–	9	*
Ross-on-Wye	1023·9	0	W'N	1	c+	45	85	6	–	–	0	A.Cu.	8	1
Leafield	1024·4	–1	NNW	1	o	40	97	5	220	St.	10	–	10	1
Winchester (Worthy Dn.)	1024·7	0	NW	3	o	36	97	5	220	St.	10	–	10	2
S. Farnborough	1024·3	–1	NW	2	ffo	37	97	2	220	St.	10	–	10	2
London (Kew Obsy.)	1024·4	–2	NNW	1	mmo	37	97	4	220	St.	10	–	10	2
Croydon	1024·2	–1	WNW	2	Fo–	36	97	1	<150	St.	10	–	10	2
Shoeburyness	1023·3	–1	NW	1	o	41	92	6	450	St.	10	–	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1023·8	–1	NNW	2	o	41	92	6	900	St.	10	–	10	2
Lympne	1023·5	–1	NW'N	3	mmo	39	97	4	450	St.	10	–	10	2
Scilly (St. Mary's)	1024·4	–1	SW	4	orr	51	97	4	2500	St.	10	–	10	*
Falmouth (Pendennis)	1025·5	0	SW'W	2	od+	50	92	6	1600	St.	10	–	10	*
Plymouth (Cattewater)	1025·2	0	–	0	o	47	85	5	800	St.	10	–	10	2
Portland Bill	1024·4	+1	SW	1	bc–	44	85	6	1500	St.	2	A.Cu.	4	*
Southampton (Calshot)	1025·0	0	NW	3	o	39	92	6	1600	St.	10	–	10	0
Dungeness	1023·5	–2	N	2	ffo	41	92	3	~~220~~ 450	St.	10	–	10	*
Guernsey (Fort George)	1025·0	0	NNW	2	bc–	48	85	6	4000	St.Cu.	7	–	7	*

Observations at 18h. G.M.T. 27TH

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1016·0	+3	SW	3	b	44	75	8	4000	Cu.	2	–	2	*
Stornoway	1019·5	+3	WSW	3	bc/pr	41	85	7	4000	Cu.Nb.	4	–	4	2
Wick	1021·2	+4	SW	2	bc	39	85	8	2500	St.Cu.	4	–	4	0
Tiree	1023·3	+2	WSW	4	b	45	75	8	2500	Cu.	1	–	1	2
Nairn	1020·6	*	SW	2	bc–	40	75	8	4000	Cu.	4	–	4	*
Aberdeen	1023·3	+3	WSW	2	b	41	75	7	–	–	0	–	0	0
Malin Head	1024·6	+2	WSW	3	bc/pr	44	97	7	5700	Cu.Nb.	3	A.Cu.	4	2
Renfrew	1026·3	+3	N	1	~~fb~~ b	38	92	4	–	–	0	–	0	*
Edinburgh (Inchkeith)	1023·8	+4	W	3	b	43	75	7	–	–	0	–	0	1
Leuchars	1024·5	+4	WNW	1	b	37	92	8	–	–	0	–	0	*
Eskdalemuir	1026·5	+5	–	0	b	35	85	8	2500	Cu.	1	–	1	*
Tynemouth	1026·1	+3	WNW	1	b/r	92	75	8	1500	St	2	–	2	1
Blacksod Point	1024·9	0	W	4	b	47	75	8	*	Cu.	2	–	2	5
Donaghadee	1025·8	+2	W	1	b–	39	92	8	–	–	0	–	0	*
Birr Castle	1027·1	*	SW	1	b	39	97	8	2500	Cu.	2	–	2	*
Holyhead	1027·1	+4	N	3	o	48	75	8	4000	Cu.	1	–	1	1
Liverpool (Bidston)	1027·2	+3	NW	2	b	45	97	6	1500	Nb.	1	–	1	1
Chester (Sealand)	1026·3	+3	NW	2	mb+	45	97	4	–	–	0	–	0	*
Harrogate	1026·1	+2	SW	1	b–	40	97	7	–	–	0	–	0	*
Spurn Head	1024·3	+2	NW'W	5	ffo	41	97	3	1600	St.	10	–	10	1
Birmingham (Edgbaston)	1027·0	+3	NW	2	fo+	45	92	3	800	St.	10	–	10	*
Cranwell	1025·5	+2	W'S	2	FFo	39	97	1	<150	St.	10	–	10	*
Gorleston	1024·4	+2	NW	3	c	39	92	6	–	–	0	A.St.	10	0
Valentia (Cahirciveen)	1027·7	+1	W'S	1	bc	46	92	8	2500	Cu.	1	A.Cu.	3	1
Roches Point	1027·6	+3	N	2	b	45	85	8	2500	St.Cu.	1	–	1	1
Pembroke (St. Ann's H.)	1026·4	+3	NNE	3	bc–	48	92	8	1500	St.Cu.	5	–	5	1
Ross-on-Wye	1026·2	+3	–	0	c	44	85	5	4000	St.Cu.	9	–	9	*
Leafield	1026·6	+2	NNW	1	fe–	41	97	4	5700	St.Cu.	9	–	9	*
Winchester (Worthy Dn.)	1026·2	+3	NNW	1	o	40	97	5	800	St.	10	–	10	*
S. Farnborough	1026·1	+3	NW	1	ffo	38	97	2	<150	St.	10	–	10	*
London (Kew Obsy.)	1026·5	+4	–	0	o	39	97	5	450	St.	10	–	10	*
Croydon	1026·0	+4	NW'W	2	fo–	37	97	4	<150	St.	10	–	10	*
Shoeburyness	1025·9	+4	NW	3	o	37	92	6	450	St.	10	–	10	*
Clacton-on-Sea	1025·4	+2	WNW	4	o	38	97	6	2500	St.	10	–	10	2
Felixstowe	1025·5	+2	NW'N	3	o	37	95	5	800	St.	10	–	10	1
Lympne	1025·2	+2	NW'W	3	mmo	37	92	4	450	St.	10	–	10	*
Scilly (St. Mary's)	1025·9	+2	N'E	2	o/f	51	97	8	2500	St.	10	–	10	2
Falmouth (Pendennis)	1026·2	+2	SW'S	2	od+	51	97	6	1500	St.	10	–	10	0
Plymouth (Cattewater)	1026·7	+3	–	0	bc–	47	97	5	800	St.	7	–	7	0
Portland Bill	1025·8	+2	NW	2	c	48	85	6	1500	St.Cu.	10	–	10	2
Southampton (Calshot)	1026·6	+3	W	2	o	40	92	6	1600	St.	10	–	10	0
Dungeness	1025·4	+2	N	1	ffo	40	92	3	~~220~~	St.	10	–	10	2
Guernsey (Fort George)	1026·8	+3	N	3	c	46	85	6	2500	St.Cu.	10	–	10	1

mb

<150

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 Hours ended 9h.)	Weather Afternoon	Weather Night	Temperature Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew (24 hours ended 7h.)	18	offems	omow	ovmfoe	39	39	36	Tr.	Tr.	0·0	*	*	4
Croydon (24 hours ended 7h.)	244	ofefe	ofefm	omfefed	37	37	37	·02	·01	0·0	*	*	1
Greenwich (Royal Obsy.)	149	ogofe	ofe	ofeof	40	40	37	–	Tr.	0·0	92	96	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·0	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	43	38	33	–	–	0·0	94	92	*
Regent's Pk. (Botanic Gdns).	163	*	*	*	*	*	*	*	*	0·0	*	*	*
Camden Square	110	of	c	*	39	39	36	Trace		*	*	97	*
Kensington Palace	80	ofe	ofe	*	38	38	?	–	·04	*	(At 18h) 91	91	*
Hampstead Observatory	450	*	*	*	41	34	29	·03	0·3	0·0	*	98	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 28TH

South Kensington Max.	Time.	Min.	Time.
0·8	20h 27th	0·3	6h 28th

Kew Observatory Max.	Time.	Min.	Time.
0·3	Throughout period.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27TH 17 h. 00 m. to 28TH 06 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 30	Nil	Nil
δ Ursae Minoris	13 30	Nil	Nil

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7=Snow (thin layer often not continuous).
8=Snow (deep, impeding traffic, usually a continuous layer).
9=Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

28TH & 29TH NOV., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·38 7·39	11·41 11·41	15·43 15·43
Greenwich	7·40 7·41	11·48 11·48	15·55 15·55
Wick	8·31 8·33	12·0 12·0	15·29 15·28
Valentia	8·23 8·24	12·29 12·29	16·34 16·34

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew
x hoar frost. y dry air.
z dust haze: the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

SYMBOLS.

<= { less than (for cloud height). before (for precipitation).
⊕= solar halo. ♔ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; – = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.
0=no swell, 1=mod. swell, 2=heavy swell } Calm or slight sea.
3=no swell, 4=mod. swell, 5=heavy swell } Moderate sea.
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

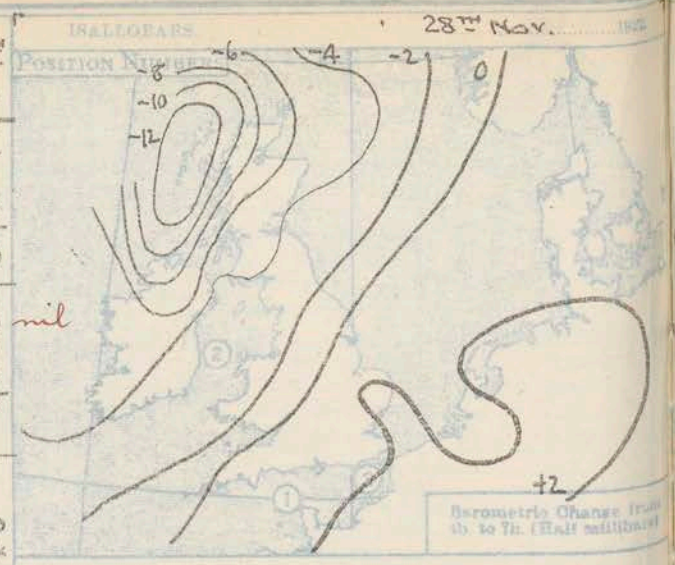
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARY FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 27th	13h.-18h. 27th	18h. 27th to 1h. 28th	1h.-7h. 28th	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall† Day. 7h.-18h. nom.	began.	Night. 18h.-7h. nom.	began.	Sun 27th Hours.
Lerwick	cbc	coiRb	b	bmpr	50	40	•	5	14.30	1	2.30	1.9
Stornoway	p	p	c	bcopr	45	39	•	2	—	1	—	2.5
Wick	b-bc	b-bc	b.bc	b-bc	46	37	•	—	—	—	—	•
Tiree	bc	prbc		pcoq	47	42	37	0.2	14.30	0.1	4.30	4.2
Nairn	bc	bcq	bcx	bc	45	38	•	—	—	—	—	4.5
Aberdeen	c	b	b	c	50	37	29	—	—	—	—	3.0
Malin Head	bcpr	bcpr	bcb bx	bbcc	49	39	•	1	<8.00	Trace	<21.00	4.1
Renfrew	cibc	bcbm	bbmx	bxmbc	49	31	25	0.2	<8.00	(Trace)	—	4.0
Edinburgh (Inchkeith)	cbcb	b-bc	b.bc	bc	50	40	33	—	—	Trace	—	3.8
Leuchars	bcbc	bbcb	bbx	bxcpr	50	32	24	—	—	Trace	4.30	3.7
Eskdalemuir	ciimc	bbcb	bbcx	bxbcx	48	26	24	2	<8.00	—	—	3.5
Tynemouth	bcff	oirif	b	bbcm	48	34	29	0.1	12.30	—	—	•
Blacksod Point ...	pb	pb	bq	oqo	52	47	•	1	—	—	—	•
Donaghadee	pbc	bcb	bc	bc	50	36	•	0.3	9.00	—	—	•
Birr Castle	cb	b	b	c	50	32	21	—	—	—	—	6.0
Holyhead	rc	bcb	b	bwbc	51	37	32	1	<8.00	—	—	2.4
Liverpool (Bidston) ...	ofdcf	rcbc	bcoF	ofab	49	35	29	Trace	9.00	0.2	<21.00	0.4
Chester (Sealand) ...	dcm	cmm	bff	Fbm	48	29	27	0.1	9.00	0.1	—	0.1
Harrogate	ofbcm	ocb	b	bx	45	33	25	—	—	—	—	0.8
Spurn Head	c	ffo	ffobw	bmbc	41	37	•	—	—	—	—	0.0
Birmingham (Edgbaston)	ffobc	fo	FF	FF	45	33	33	—	—	0.1	—	0.0
Cranwell	oFe	oFe	oFe	ofex	39	27	24	Trace	9.00	0.1	—	0.0
Gorleston	cmm	cm	offd	ffmoc	46	37	37	—	—	0.1	—	0.0
Valentia (Cahirciveen)	bbcb	bbc	bxbc	bcop	51	38	28	—	—	Trace	5.30	6.7
Roches Point	cbcb	b	b	bcc	52	37	•	—	—	—	—	•
Pembroke (St. Ann's H.)	crrf	cbcp	b	bcpm	52	43	•	5	9.00	Trace	3.30	0.0
Ross-on-Wye	cfcmbc	c	bcbm	cmom	45	38	28	—	—	—	—	0.9
Leafield	fdof	ofcm	bcwf	FF	41	37	31	0.1	<8.00	0.1	—	0.1
Winchester (Worthy Dn.)	offdd	om	ombc	omfefe	40	36	29	0.1	<8.00	Trace	—	0.0
S. Farnborough ...	FF	cofefe	oF	ofdd	38	36	30	0.1	—	0.1	5.30	0.0
London (Kew Obsy.) ...	offemc	omw	owmf	ofe	39	39	36	Trace	9.00	Trace	—	0.0
Croydon	oFFc	ofefm	omfefe	ofefd	37	37	37	0.2	—	0.1	6.30	0.0
Shoeburyness	om	om	om	omofe	42	35	35	—	—	Trace	—	0.0
Clacton-on-Sea ...	co	ogm	ogmf	ogfm	43	35	34	—	—	—	—	0.0
Felixstowe	cm	om	omfe	ofecm	42	36	35	—	—	0.1	—	0.0
Lympne	cfofm	om	omdf	oldmf	40	34	34	0.2	9.00	0.1	22.00	0.0
Scilly (St. Mary's) ...	comdd	ifo	cbc	bmid	52	46	•	1	9.00	0.2	3.30	0.0
Falmouth (Pendennis)	comd	omd	cbccr	bcomr	51	50	•	0.3	12.30	1	22.00	0.1
Plymouth (Cattewater)	cm	oddmb	bcdm	corrq	49	46	44	0.1	13.30	2	<21.00	0.2
Portland Bill	cbcz	bccz	bccz	cocm	48	44	•	—	—	—	—	•
Southampton (Calshot)	om	omw	bmcof	ofcofz	41	37	28	—	—	Trace	—	0.0
Dungeness	bcmff	ofmff	OFF	offf	41	38	•	—	—	—	—	•
Guernsey	cbcm	bcm	bccm	cm	48	46	•	—	—	—	—	2.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
3	28th 2h.	DIEPPE	NE	3	C	45	54	6

GENERAL INFERENCE.

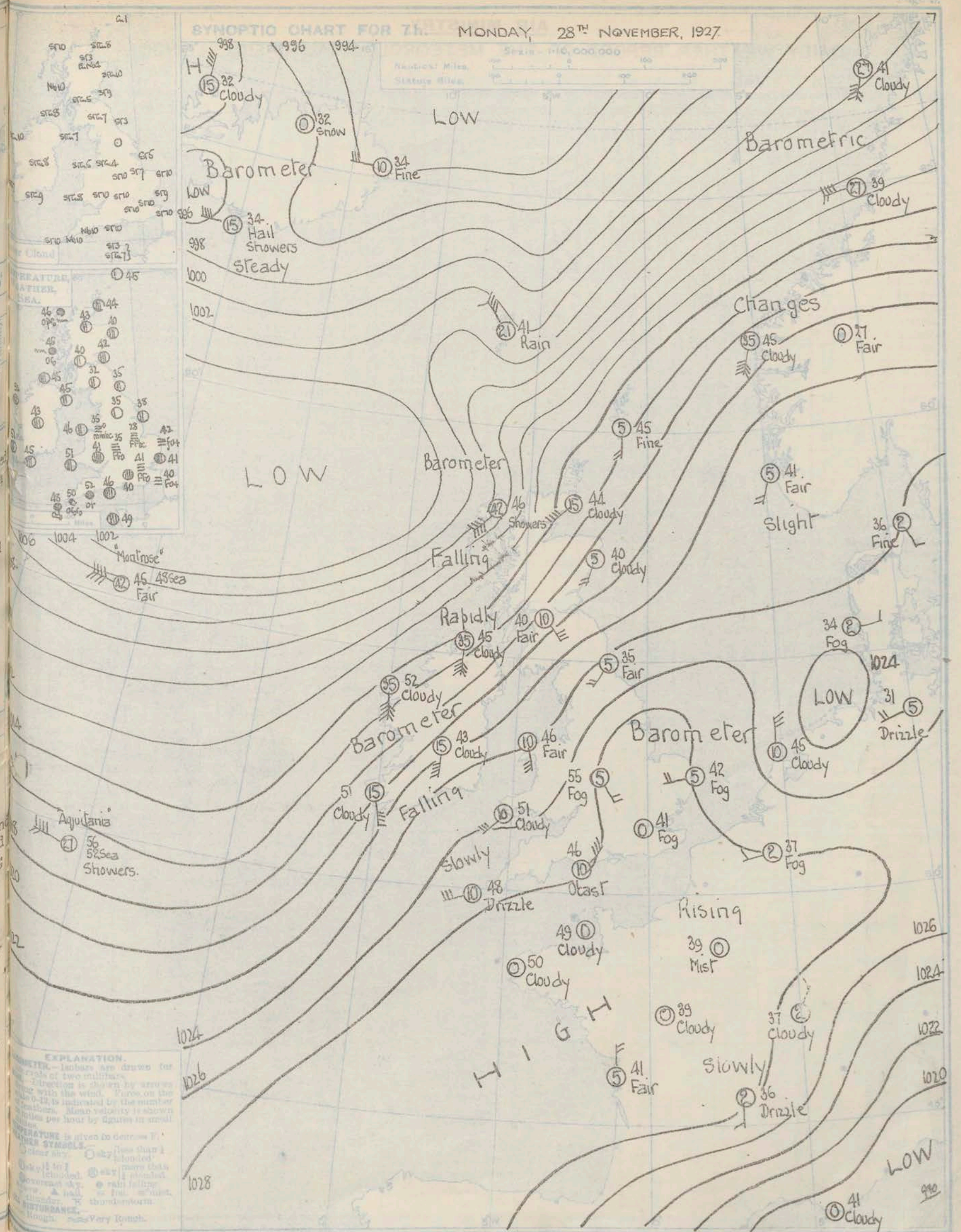
A secondary trough associated with an intense depression which is moving rapidly northeast off the Hebrides will pass quickly across the British Isles and cause rain in most districts and southwesterly gales in Scotland and Northern Ireland but in Sou Southeast England only local drizzle is likely. Fog will persist locally in Southeast England today and will probably extend to most of England, SouthernScotland and Eastern Ireland tomorrow

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 28th November, 1927.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S.W., becoming W. to N.W. tomorrow, light to moderatel dull; fog will wholly or partially clear in most places this afternoon or evening, but will become more general again tomorrow; rather low to moderate temperature.	Mild and unsettled with southwesterly winds in Scotland and N.W. Ireland; local fog elsewhere. ▼ South Cone hoisted at 0600 G.M.T. today in districts 13A., 13B., 17 and 20; and at 0900 G.M.T. today in districts 11, 12, 15, 16 and 18.
5. S.W. England 6. South Wales	Wind S.W., veering to N.W., mainly moderate; cloudy, occasional rain, but probably not much; mist or moderate fog locally tomorrow morning; rather mild.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between S.W. and W., strong at times; occasional showers, bright intervals; mild.	
11. S.E. Scotland ▼ 12. S.W. Scotland & Isle of Man ▼ 13 (A. W. Scotland ▼ / B. NW. Scotland ▼) 14. Mid-Scotland 15. N.E. Scotland ▼ 16. Orkneys and Shetlands ▼ 17. N.W. Ireland ▼ 18. N.E. Ireland ▼	Wind between S.W. and W., strong to a gale today, moderate to fresh tomorrow; occasional showers, bright intervals; mild.	
19. S.E. Ireland 20. S.W. Ireland ▼	Wind S. to S.W., veering to between W. and N.W., strong at times; occasional showers, bright intervals; mild.	

CN

† For footnote see page 1

† Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. MONDAY, 28TH NOVEMBER, 1927
H
15 32 Cloudy
0 32 Snow
10 34 Fine
LOW
Barometer
LOW
15 34 Hail Showers
Steady
998
996
994
1000
1002
21 41 Rain
Barometric
27 41 Cloudy
27 39 Cloudy
Changes
35 45 Cloudy
0 27 Fair
5 45 Fine
5 41 Fair
Slight
36 2 Fine
LOW
Barometer
42 46 Showers
15 44 Cloudy
5 40 Cloudy
Falling
Rapidly
"Montrose"
42 45 48 Sea Fair
35 45 Cloudy
40 10 Fair
35 52 Cloudy
Barometer
15 43 Cloudy
10 46 Fair
5 35 Fair
34 2 Fog
1024
LOW
31 5 Drizzle
Barometer
10 45 Cloudy
5 42 Fog
55 5 Fog
51 15 Cloudy
Falling
10 51 Cloudy
0 41 Fog
2 37 Fog
"Aquitania"
21 56 52 Sea Showers.
Slowly
46 10 Coast
10 48 Drizzle
Rising
49 0 Cloudy
39 0 Mist
0 50 Cloudy
0 39 Cloudy
37 2 Cloudy
H I G H
5 41 Fair
Slowly
2 36 Drizzle
1024
1026
1028
1026
1024
1022
1020
LOW
0 41 Cloudy
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0–12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small italics.
TEMPERATURE is given to degrees F.
WEATHER SYMBOLS.
clear sky. sky less than ½ clouded. sky ½ to ½ clouded. sky more than ½ clouded. overcast sky. rain falling. hail. fog. thunderstorm. thunder.
SEA DISTURBANCE.
Rough. Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Monday, 28th November.....1927. No. 332

Observations at 1h. G.M.T. 28th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1017·5	+1	S	2	b+	43	92	7	5700	St.Cu	1	-	1
Stornoway	36	1018·5	-1	NW	4	c	•	•	6	•	•	•	•	10
Wick	81	1021·2	0	SW	3	bc	40	92	8	2500	St.Cu	3	-	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1022·5	-4	S	4	b	40	97	8	5700	St.Cu	2	-	2
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1024·7	0	WSW	2	b	41	85	8	-	-	0	-	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	87	1026·8	0	W	1	b	37	92	7	1500	St.	2	-	2
Blacksod Point ..	18	1021·3	-4	S	6	bc+	48	75	7	•	CuNb	4	-	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1027·4	0	S'E	1	b	39	92	8	-	-	0	-	0
Liverpool (Bidston)...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	39	1026·4	+1	NW	3	b	38	97	5	-	-	0	-	0
Birmingham (Edgbaston)	565	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1028·0	+1	NW'N	2	FFo	35	97	1	<150	St.	10	-	10
Gorleston	14	1026·2	+1	NNW	2	fso	41	97	3	1500	St.	10	-	10
Valentia (Cahirciveen)P	30	1025·8	-1	SW	3	bc+	51	97	9	-	St.	4	-	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1027·3	+1	ENE	2	bc+	44	97	7	2500	Cu	3	-	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.).	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)...	18	•	•	•	•	•	40	•	•	•	•	•	•	•
Croydon	244	1027·4	0	-	0	mno	40	97	4	<150	St.	10	-	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1027·5	+2	NNW	2	odo	39	97	2	<150	St.	10	-	10
Scilly (St. Mary's) ...	163	1027·3	+1	NNE	1	bc	47	97	9	4000	St.Cu	7	-	7
Falmouth (Pendennis)	200	1027·9	0	-	0	bc-	51	97	7	2500	St.	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1027·8	+1	N	1	c	47	85	6	2500	St.Cu	10	-	10
Southampton (Calshot)	10	1025·3	+2	N	2	fo+	40	97	2	450	St.	10	-	10
Dungeness	20	1027·8	+1	-	0	Ffog	39	97	1	<150	St.	10	-	10
Guernsey (Fort George) P	295	1029·0	0	NNE	1	c+	50	85	8	4000	St.Cu	10	-	10

Observations at 7h. G.M.T. 28th

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1014·1	-3	S	2	b	45	92	8	4000	Cu.	1	-	1	4
Stornoway	1006·0	-13	SW	8	o/bs	46	65	6	1500	St.	10	-	10	7
Wick	1015·2	-6	SW	4	c	45	85	8	2500	St.Cu.	8	-	8	3
Tiree	1011·6	+12	S	8	o/s	45	85	7	800	Nb.	10	-	10	6
Nairn	1014·0	•	-	0	bc+	43	75	8	1500	Cu.Nb.	7	-	7	•
Aberdeen	1019·8	-5	SSW	2	c	40	85	6	4000	St.Cu	10	-	10	0
Malin Head	1014·2	-10	S	7	c+	45	92	8	5700	St.Cu.	8	-	8	4
Renfrew	1020·9	-5	SE	3	bc	40	92	7	4000	St.Cu.	5	A.St.	6	•
Edinburgh (Inchkeith)	1020·0	-4	WSW	4	c+	42	85	8	800	St.	9	-	9	2
Leuchars	1021·1	-3	SW	3	c	40	85	8	2500	St.Cu.	7	A.Cu.	8	•
Eskdalemuir	1023·8	-5	-	0	bc	32	92	8	2500	St.Cu.	7	-	7	•
Tynemouth	1024·5	-2	SW	2	bc	35	92	5	800	St.	3	Ci.	4	1
Blacksod Point ..	1014·0	-4	S	7	c	52	85	7	•	St.Cu.	10	-	10	0
Donaghadee	1021·6	-3	SW	3	bc+	45	92	8	5700	St.Cu.	7	-	7	2
Birr Castle	1020·6	•	S	4	c+	43	92	7	1500	St.Cu.	8	-	8	•
Holyhead	1023·9	-3	S'E	3	bc	46	92	7	2500	St.Cu.	5	Ci.	6	1
Liverpool (Bidston)...	1025·6	-3	ESE	4	mmbc	35	97	4	5700	St.Cu.	4	A.Cu.	5	•
Chester (Sealand) ...	1026·1	-2	SE'S	3	fo+	33	97	3	450	St.	10	-	10	•
Harrogate	1026·3	-1	SW'S	2	b	35	92	6	-	-	0	Ci.St.	1	•
Spurn Head	1026·9	0	W'S	2	bc-	38	97	6	2500	St.	5	Ci.St.	5	•
Birmingham (Edgbaston)	1028·2	-1	SSE	2	FFo	35	97	1	<150	St.	10	-	10	•
Cranwell	1028·2	0	-	0	FFbc	28	97	1	<150	St.	7	-	7	•
Gorleston	1027·0	+1	W'S	2	fo+	42	97	3	800	St.	10	-	10	0
Valentia (Cahirciveen)P	1027·6	-4	S'E	4	c+	57	85	8	1500	St.Cu	7	A.St.	9	3
Roches Point	1024·8	-3	SW	2	c	45	92	8	1500	St.Cu	9	-	9	4
Pembroke (St. Ann's H.)	1025·4	-2	SW	3	c+	51	92	8	2500	St.Cu.	8	-	8	1
Ross-on-Wye	1027·3	-1	NW	1	o	41	97	5	800	St.	10	-	10	•
Leafield	1028·3	0	SE'S	2	FFo	38	97	1	<150	St.	10	-	10	•
Winchester (Worthy Dn.).	1028·6	0	E'N	1	fo-	41	97	3	220	St.	10	-	10	•
S. Farnborough ...	1028·6	+1	-	0	fo+	40	97	3	220	St.	10	-	10	•
London (Kew Obsy.)...	1029·0	0	-	0	FFo	41	97	1	<150	St.	10	-	10	•
Croydon	1028·7	+1	WNW	1	fo+	41	97	3	<150	St.	10	-	10	•
Shoeburyness	1028·6	0	W	1	ffo	41	97	3	450	St.	10	-	10	•
Clacton-on-Sea ...	1028·4	0	WNW	3	o	41	97	5	2500	St.	10	-	10	2
Felixstowe	1028·4	+2	NW	2	(mnc)	41	97	4	2500	St.	9	-	9	0
Lympne	1028·6	+1	NW	3	odo	39	97	2	220	St.	10	-	10	•
Scilly (St. Mary's) ...	1026·9	-1	WSW	3	odo	48	97	4	1500	St.	10	-	10	2
Falmouth (Pendennis)	1027·7	0	W'S	2	o/s	50	97	6	2500	Nb.	10	-	10	0
Plymouth (Cattewater)	1027·3	0	S	4	or	52	97	7	800	Nb.	10	-	10	•
Portland Bill	1027·9	0	NE	3	o+	46	92	5	1500	St.	10	-	10	2
Southampton (Calshot)	1029·2	0	NE'E	2	ffo	42	97	3	450	St.	10	-	10	0
Dungeness	1028·5	+1	NNE	1	Ffog	41	97	1	<150	St.	10	-	10	0
Guernsey (Fort George) P	1028·7	0	-	0	c	49	92	6	1500	St.Cu.	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...27th November

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 26th to 9h. 27th	Temperature. Max. 9h. -17h. 27th	Rainfall.† Night 17h.-9h. 26th-27th	Rainfall.† Day 9h.-17h. 27th	Sunshine. Sunrise to Sunset 27th
(1)	(2)	(3)	(4) °F	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	c	bc	47	50	-	-	1·8
Douglas (I. o. M.) ...	c	cbc	45	49	7	-	5·0
Llandudno ...	c	cb	39	51	0·1	Trace	0·0
Colwyn Bay ...	bbcc	cocb	45	52	-	-	0·1
Rhyl...	oc	c	47	51	-	-	0·0
Wallasey	fc	cbcb	37	49	-	-	0·3
Southport	om	omb	*	47	-	-	0·5
Blackpool	odc	bc	37	47	-	0·4	0·7
Ilkley	om	oc	32	45	-	-	0·0
Cleethorpes... ...	o	of	33	39	0·2	-	0·0
Skegness	ofc	ofc	34	38	Trace	Trace	0·0
Aberystwyth ...	om	cr	45	50	-	Trace	0·0
Bath	bcc	bcom	34	46	Trace	-	0·6
Cheltenham ...	hbc	bco	34	45	-	-	1·6
Leamington Spa ...	of	o	33	41	0·1	-	0·0
Lowestoft	c	c	39	45	-	-	0·0
Felixstowe	cmc	cm	31	41	Trace	-	0·0
Harwich & Dovercourt	ocf	ocf	32	41	Trace	-	0·0
Southend	o	o	38	(41)	2	-	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o	o	41	50	-	-	0·0
Bude	coc	df	36	49	-	1	0·0
Penzance	c	cordm	41	53	-	1	0·0
Paignton	bcm	cdpo	39	50	-	Trace	1·4
Torquay	cmwcd	pom	41	49	-	Trace	1·8
Jersey	c	cob	41	48	-	-	0·0
Weymouth	cb	bcc	40	46	-	-	1·5
Bournemouth ...	o	o	37	41	0·3	-	0·0
Ventnor ...	c	cz	38	43	Trace	-	0·4
Portsmouth (S'thsea)	o	o	35	40	-	-	0·0
Bognor	o	o	35	40	-	-	0·0
Littlehampton ...	bcm	cm	35	40	-	-	0·0
Worthing	c	co	34	40	-	-	0·0
Brighton	cfco	o	34	40	-	-	0·1
Eastbourne‖... ...	fo	of	33	40	-	-	0·0
Hastings‖	ofom	omof	35	42	0·4	-	0·0
Folkestone	omcon	om	35	43	-	-	0·4
Dover	fcom	moc	34	42	Trace	-	0·1
Tunbridge Wells ...	ofc	ofc	28	38	Trace	Trace	0·0
Ramsgate	om	om	35	45	-	-	0·0
Margate	fc	c	37	45	Trace	-	0·0
Deal	fo	o	31	43	-	-	0·0

TERMS OF SUBSCRIPTION.—6/6 per quarter or 25/- per year, post free. Single copies may be obtained at the Meteorological Office, price 1d.

* Information not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. ‡ See footnote page 1.

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24113 Tuesday 29th November 1927.

Observations at 13h. G.M.T. 28th

Stations (For heights see p. 4)	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	1003.0	-13	SW	7	orr	44	92	7	4000	Nb	10	-	10	•
Stornoway	998.3	-6	WSW	8	cr₀	50	92	6	1500	Nb	9	-	9	•
Wick	1005.0	-8	SSW	5	c₀	48	75	8	1500	Nb	6	ASt	8	•
Tiree	1008.8	0	WSW	7	or₀	50	92	7	1500	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.1	-6	SW	5	c	45	85	6	1500	St	6	ASt	9	1
Malin Head	1011.9	0	W	6	cr	48	97	7	4000	Nb	8	ASt	10	•
Renfrew	1014.1	-7	SSW	5	cr	48	85	6	800	Nb	9	ASt	10	2
Edinburgh (Inchkeith)	1013.1	-6	SW	6	c	44	75	7	4000	Cu	5	ASt	10	•
Leuchars	1012.8	-9	SW	6	dc	47	75	7	2500	StCu	4	ASt	10	1
Eskdalemuir	1016.4	-9	SW	7	o+	44	92	6	800	St	10	-	10	2
Tynemouth	1018.9	-6	S	3	c/m	42	92	6	800	St	8	-	8	•
Blacksod Point	1014.5	+2	W	5	c+	50	85	6	•	StCu	10	-	10	•
Donaghadee	1017.3	-5	SW	4	c+	49	92	8	5700	StCu	9	-	9	•
Birr Castle	1016.4	•	S	4	c	52	85	7	1500	Nb	8	-	8	•
Holyhead	1020.2	-5	SSW	6	c	51	85	7	1500	St	1	Ci	9	•
Liverpool (Bidston)	1022.0	-5	ESE	3	bc	45	85	6	4000	StCu	1	ACu	9	1
Chester (Sealand)	1022.1	-6	SW	4	bc	49	75	6	4000	Cu	1	CiCu	6	1
Harrogate	1022.0	-3	S	3	fo	43	85	3	<150	St	10	-	10	•
Spurn Head	1023.4	-5	SWS	4	c+	4 50	92	5	5700	StCu	9	-	9	•
Birmingham (Edgbaston)	1024.5	-5	SSW	4	bcm	43	92	4	1500	St	~~10~~ 7	-	~~10~~ 7	2
Cranwell	1026.0	-4	SW	3	c/f	41	97	5	2500	StCu	9	-	9	-
Gorleston	1026.4	-2	SW	3	ffo	42	97	2	800	St	10	-	10	•
Valentia (Cahirciveen)	1018.9	-4	SW	5	or, r₀	53	92	6	800	St	10	-	10	2
Roches Point	1021.0	-3	SW	6	c	51	97	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1023.6	-3	SW	4	c	50	92	8	2500	StCu	5	CiCu	8	1
Ross-on-Wye	1024.6	-4	SSW	3	mme	46	92	4	800	St	9	-	9	-
Leafield	1026.5	-2	SSE	3	od₀	42	97	4	220	St	10	-	10	2
Winchester (Worthy Dn.)	1027.6	-2	SE	2	ffo	43	97	2	<150	St	10	-	10	2
S. Farnborough	1027.6	-2	SSW	1	ffo	42	97	3	220	St	10	-	10	2
London (Kew Obsy.)	1027.8	-3	SW	3	fo	41	97	4	800	St	10	-	10	2
Croydon	1027.7	-3	SWS	2	fo+	40	97	2	<150	St	10	-	10	2
Shoeburyness	1027.6	-1	SSW	3	fo+	41	97	3	450	St	10	•	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1027.6	-2	SW	1	fc	43	97	3	450	St	9	•	9	5
Lympne	1028.0	-2	SSW	3	Ffo	40	97	1	<150	St	10	•	10	2
Scilly (St. Mary's)	1025.9	-1	SW	4	c	49	97	5	2500	St	8	-	8	•
Falmouth (Pendennis)	1026.2	-1	SWS	4	cipr₀	51	92	7	2500	CuNb	5	ACu	8	•
Plymouth (Cattewater)	1026.3	-2	SW	3	c/r	52	92	7	1500	Nb	8	-	9	2
Portland Bill	1026.8	-3	S	3	c	52	85	8	1500	StCu	9	ASt	10	-
Southampton (Calshot)	1028.1	-3	-	0	Fo	45	97	6	800	St	10	-	10	2
Dungeness	1028.1	-3	WNW	1	FFo	41	97	1	~~220~~ 450	St	10	-	10	2
Guernsey (Fort George)	1028.5	-2	S	2	c	50	92	7	1500	StCu	9	-	9	•

Observations at 18h. G.M.T. 28th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours ‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility § 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	995.7	-10	S	7	c	49	85	7	-	-	0	ASt	10	•
Stornoway	1007.3	+12	WSW	6	bcipR	46	85	6	1500	Nb	7	-	7	5
Wick	1004.6	+3	SW	5	bc	46	75	8	2500	StCu	3	CiSt	6	4
Tiree	1013.8	+3	WNW	5	bcip	46	85	7	1500	CuNb	4	-	4	6
Nairn	1008.2	•	SSW	4	bc	47	75	8	4000	CuNb	7	•	7	•
Aberdeen	1010.4	0	SWS	4	c	49	85	7	1500	St	1	ASt	10	3
Malin Head	1015.0	+4	W	4	cip	48	85	7	4000	StCu	9	-	9	4
Renfrew	1014.1	+1	WSW	3	c/r	46	92	6	800	St	9	ASt	10	•
Edinburgh (Inchkeith)	1012.8	-1	SW	3	c	47	85	7	800	St	8	-	8	1
Leuchars	1012.7	+1	SW	3	c/r	46	85	7	2500	StCu	2	ASt	10	•
Eskdalemuir	1014.9	0	SW	5	orr	47	92	6	800	Nb	10	-	10	•
Tynemouth	1016.7	0	S	2	o/m	49	85	6	1500	Nb	10	-	10	1
Blacksod Point	1018.4	+4	W	5	c	47	65	7	•	CuNb	8	-	8	5
Donaghadee	1016.7	+2	WSW	-	or	46	92	7	1500	St	10	-	10	1
Birr Castle	1018.6	•	SW	2	cr₀	47	92	7	1500	Nb	9	-	9	•
Holyhead	1018.0	-2	SW	5	oDD	51	92	6	800	Nb	10	-	10	3
Liverpool (Bidston)	1019.2	-3	SW	3	c/pr₀	49	75	6	2500	St	9	ASt	10	•
Chester (Sealand)	1019.8	-2	SE	3	bc	50	75	6	2500	StCu	9	-	9	•
Harrogate	1018.9	-1	SSW	3	c	44	85	5	-	-	0	ASt	10	•
Spurn Head	1020.3	-2	SSW	4	o	43	97	5	2500	St	10	-	10	1
Birmingham (Edgbaston)	1021.8	-2	SSW	2	c	46	92	5	2500	StCu	9	-	9	•
Cranwell	1022.6	-3	SSW	2	c/f	43	97	5	2500	StCu	3	-	3	•
Gorleston	1024.5	-2	SW	3	c	43	97	5	-	-	0	ASt	10	0
Valentia (Cahirciveen)	1021.4	+4	NW	4	c	50	85	8	1500	St	9	-	9	4
Roches Point	1019.5	-1	NW	4	c/r	52	92	8	1500	St	8	-	9	4
Pembroke (St. Ann's H.)	1020.8	-2	SW	4	c	51	92	8	2500	StCu	9	ASt	10 (8)	2
Ross-on-Wye	1022.3	-3	SSW	3	c	50	92	8	1500	St	9	-	9	•
Leafield	1023.7	-1	S	3	o	45	97	5	450	St	10	-	10	•
Winchester (Worthy Dn.)	1025.1	-1	SSE	2	o	45	97	5	450	St	10	-	10	•
S. Farnborough	1025.2	-3	S	4	o	43	97	5	4000	StCu	1	-	1	•
London (Kew Obsy.)	1025.5	-2	SSW	1	mmb	41	97	4	-	-	0	-	0	•
Croydon	1025.4	-2	S	3	b	42	97	6	4000	StCu	1	-	1	•
Shoeburyness	1026.1	-1	WSW	3	ffo	43	97	3	450	St	10	-	10	•
Clacton-on-Sea	1026.0	-1	SW	4	ffo	41	97	3	1500	St	10	-	10	2
Felixstowe	1026.6	0	SW	3	ffo	40	97	3	<150	St	10	-	10	1
Lympne	1026.7	0	SW	3	c/m	42	97	5	220	St	9	-	9	•
Scilly (St. Mary's)	1023.8	-1	SW	4	c	50	97	8	4000	StCu	8	-	8	2
Falmouth (Pendennis)	1025.0	-1	SWW	4	c	50	92	7	4000	StCu	8	-	8	0
Plymouth (Cattewater)	1023.4	-4	SW	4	c	51	92	7	450	Nb	7	-	7	2
Portland Bill	1024.6	-2	SW	5	c	53	85	8	2500	St	9	ASt	10	1
Southampton (Calshot)	1025.8	-2	SW	3	c	49	85	6	2500	StCu	9	-	9	0
Dungeness	1027.2	-1	-	0	o/m	43	97	6	~~450~~ 220	St	10	-	10	1
Guernsey (Fort George)	1026.8	-1	SSW	3	bc	49	85	7	2500	StCu	7	-	7	0

London Observations	Height above M.S.L. in feet	Weather Morning (24 hours ended 9h)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew (24 hours ended 7h.)	18	ofeom	omwbm	bmwxb	44	39	27	Tr.	6	0.0	•	•	2
Croydon (24 hours ended 7h.)	244	dfefe	ofembcb	bmpefo	43	42	38	Tr.	4	0.0	•	•	4
Greenwich (Royal Obsy.)	149	ofe	bfod₀b	bcordr	45	44	29	-	6	0.0	96	98	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	48	42	29		8	0.0	98	98	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	of	o	•	47	41	36	-	10	•	•	99	•
Kensington Palace	80	ogf de	of	•	48	43	—	-	9	•	(At 15h) 91	100	•
Hampstead Observatory	450	•	•	•	46	38	29	0.3	10	0.0	•	91	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hrs. ended 7h. G.M.T. 29th

South Kensington Max.	Time	Min.	Time
1.5	17h 28th	<0.3	24h 28th

Kew Observatory Max.	Time.	Min.	Time.
0.5	13h 28th	<0.3	24h 28th

Pole Star Record at Greenwich Obsy.

Exposure from 28th 17 h. 00 m. to 29th 6 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	13.30	3.00	22
δ Ursae Minoris	13.30	2.58	22

Code for State of Ground.
0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

Table showing the Greenwich Times of Sunrise, Noon, and Sunset. 29th and 30th November, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.39 7.41	11.41 11.41	15.43 15.42
Greenwich	7.41 7.43	11.48 11.48	15.55 15.54
Wick	8.33 8.35	12.00 12.01	15.28 15.27
Valentia	8.24 8.26	12.29 12.29	16.34 16.33

Beaufort Notation of Weather.
b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—12000 m.
h hail. i intermittent.
ip precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

Symbols.
< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ⊍ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The Beaufort Scale of Wind is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 33 feet above the ground.

Sea Disturbance.
0 = no swell, 1 = mod. swell, 2 = heavy swell } Calm or slight sea.
3 = no swell, 4 = mod. swell, 5 = heavy swell } Moderate sea.
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1-3
2	4-7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

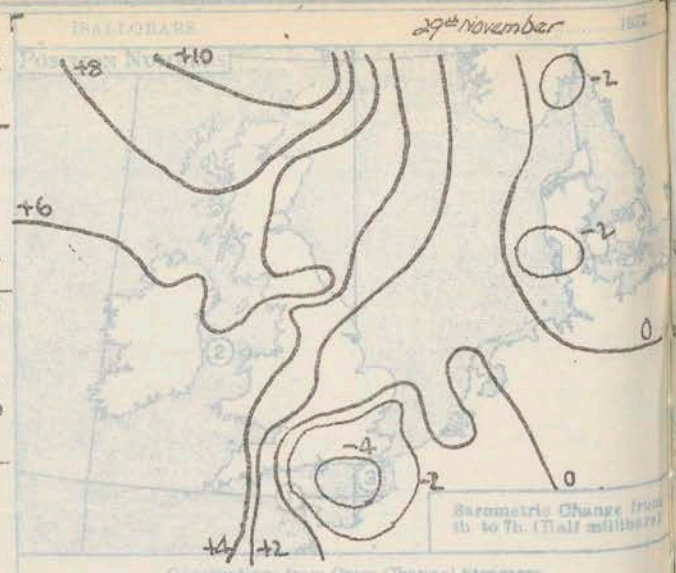
§ Telegraphic Code for Surface Visibility.

	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 mi.	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 28th	Weather. 13h.-18h. 28th	Weather. 18h. 28th to 1h. 29th	Weather. 1h.-7h. 29th	Temperature. Max. Day. 7h.-13h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 28th Hours.
Lerwick	orr	crrq	oircbcq	bcbr	50	39	.	6	<8.00	1	<21.00	0.0
Stornoway	r-d	p	p	p	(50)	37	.	6	+	2	–	0.1
Wick	c	bcq	prbc	bcpr	49	37	.	–	–	1	24.00	.
Tiree	prq	prcq	prq	prq	50	41	37	3	<8.00	1	<21.00	0.0
Nairn	bcq	pcprbc	bcqx	bc	50	35	.	1	14.30	0.1	<21.00	0.7
Aberdeen	cm	cmqc	cb	b	49	38	33	–	–	–	–	0.5
Malin Head	c	oirc	cbcbr	bcphr	49	42	.	3	12.30	1	<21.00	0.0
Renfrew	bcqc	corrq	cmRc	bcbm	49	31	24	5	12.30	1	<21.00	0.0
Edinburgh (Inchkeith)	c	p	p	b-bc	49	40	35	0.6	16.30	0.2	<21.00	0.0
Leuchars	c	cir	c	c,b	49	32	26	1	13.30	–	–	0.0
Eskdalemuir	bckm	orrm	ormom	ombx	47	34	28	8	14.30	2	<21.00	0.0
Tynemouth	bcem	com	oir	o	49	40	36	–	–	0.2	<21.00	.
Blacksod Point	r.o	Fbc	b	pb	56	41	.	7	+	1	–	.
Donaghadee	c	rrlir	irbc	bc	49	39	.	3	14.30	0.2	<21.00	.
Birr Castle	c	crr	cir c	bx	52	35	25	5	13.30	0.3	<21.00	0.0
Holyhead	bcc	prcdd	[illegible]	cb	52	47	44	2	15.30	7	<21.00	1.3
Liverpool (Bidston)	mcm	mco	oirio	oircb	49	44	38	Trace	17.30	7	<21.00	1.6
Chester (Sealand)	cfmbcq	cmc	cprqrm	orrcm	51	44	40	–	–	10	<21.00	1.6
Harrogate	bbcmof	ocfc	ocir	ocir	45	42	39	–	–	1	22.00	0.2
Spurn Head	bbc	c	orr	Rrr	44	42	.	–	–	15	22.00	4.4
Birmingham (Edgbaston)	fcm	mbcc	oir	orrr	46	42	41	–	–	10	<21.00	0.0
Cranwell	fbc	fcm	orm	r-d	45	43	40	0.2	–	9	24.00	1.1
Gorleston	ffoc	oiefo	cmc	corr	43	41	40	Trace	–	2	5.30	0.0
Valentia (Cahirciveen)	oid r	oro	opcb	bcp	54	43	37	7	11.00	1	<21.00	0.0
Roches Point	c	odrrc	cbc	b	53	39	.	4	13.30	–	–	.
Pembroke (St. Ann's H.)	c	cq	orrm	cbcrq	52	45	.	–	–	5	<21.00	3.6
Ross-on-Wye	cmdmom	opmc	cotd	orq	50	45	43	0.1	11.00	3	<21.00	0.0
Leafield	fcmo	od	or	crf	45	43	42	0.1	12.30	6	22.00	0.0
Winchester (Worthy Dn.)	off	offm	opr	oRrr	45	45	43	Trace	–	9	22.00	0.0
S. Farnborough	off	ofhom	bo	oror	44	43	40	Trace	–	6	2.30	0.0
London (Kew Obsy.)	ofebm	ohmsbm	sbmxw	cpr	44	39	29	Trace	–	6	2.30	0.0
Croydon	oFefc	ofembc	bmddm	orRr	43	42	38	Trace	–	4	24.00	0.0
Shoeburyness	off	offe	of	oforr	43	38	34	Trace	–	5	–	0.0
Clacton-on-Sea	ogdmom	cf	ofcbc	bcorr	45	40	39	–	–	1	6.30	0.8
Felixstowe	oFcf	cmfo	off	omor	43	40	40	Trace	–	1	5.30	0.1
Lympne	odff	oFfcm	cm	com	42	40	40	0.1	<8.00	–	–	0.0
Scilly (St. Mary's)	oifir	c	codr	opbc	50	47	.	0.5	<8.00	2	<21.00	0.6
Falmouth (Pendennis)	oedm	cpccc	corm	omrbcp	53	47	.	2	<8.00	2	22.00	1.0
Plymouth (Cattewater)	orcq	comrrd	bccr	crprq	53	47	44	4	<8.00	2	24.00	0.0
Portland Bill	fc	c	cop	orr	54	45	.	–	–	5	24.00	
Southampton (Calshot)	ofmc	cm		crorrm	49	49	46	Trace	–	5	2.30	0.6
Dungeness	oFF	offm	ozbco	omz	43	42	.	–	–	–	–	.
Guernsey	cm	cdcm	opodm	corrcr	(50)	48	.	–	–	7	3.30	0.1



Observations from Cross Channel Steamers.

Station.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Sunshine.
2	28th 10h.	SCOTIA	SSW	5	C-	51	51	8
3	29th 2h	ARUNDEL	SW	2	C	43	53	5

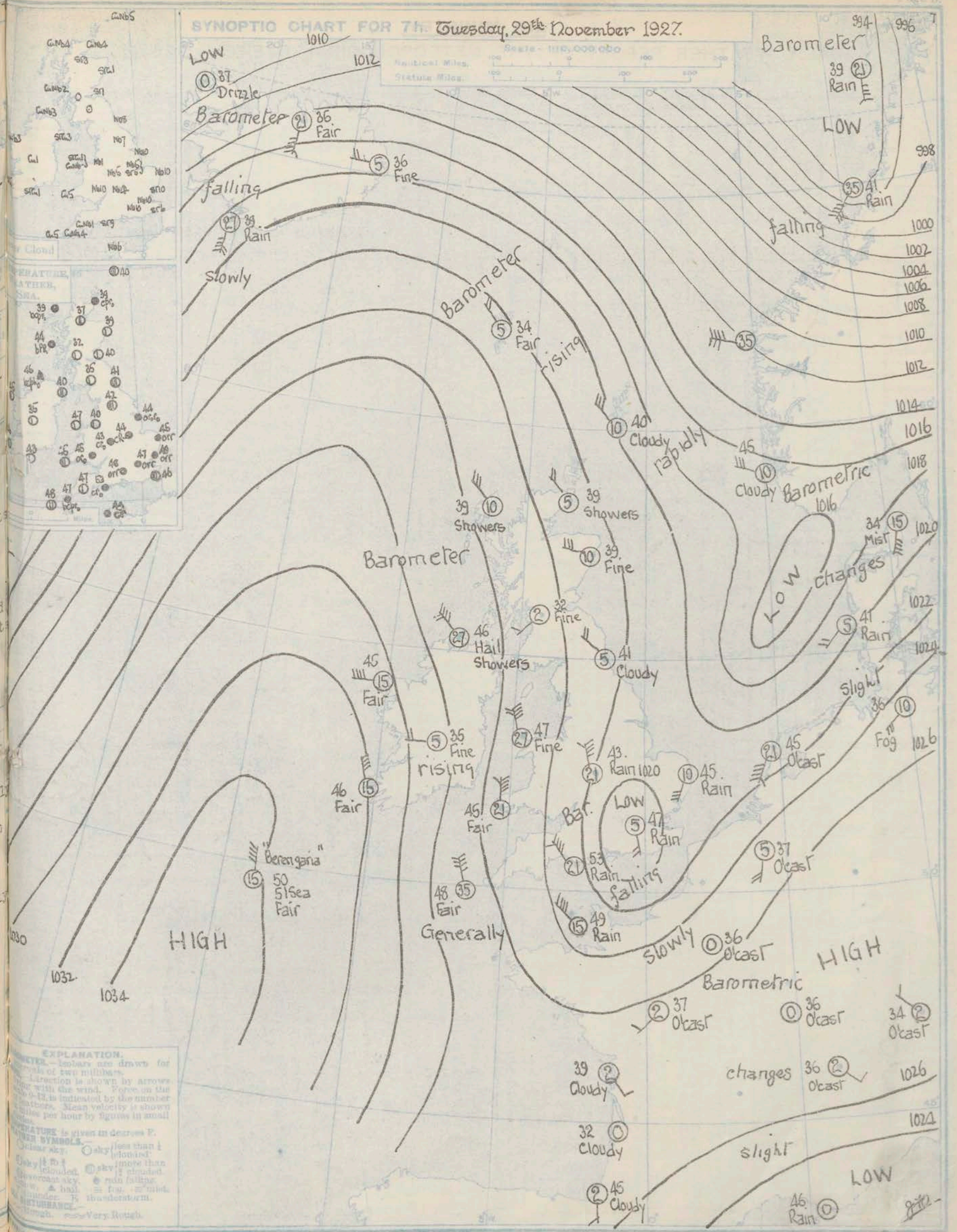
General Inference.

An anticyclone southwest of Ireland will probably move eastwards across Southern England. Cold northerly winds and sunny weather with a few local showers will extend eastwards to all parts of England within the next few hours but in Scotland, Ireland and Western England, freshening southwesterly to southerly winds and cloudy weather will probably set in tomorrow. Local frost and fog are probable in most districts tonight.

Tuesday, 29th November, 1927.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind northerly, moderate to fresh, becoming light and indefinite, becoming generally fine and rather cold, with frost and fog locally late tonight and tomorrow morning.	Relatively mild cloudy weather with southwesterly or southerly winds will begin to spread eastwards across Ireland tonight, and will probably reach all parts of the British Isles tomorrow night.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind northerly, fresh to strong, becoming light temporarily and backing to southwest; mainly fine; frost and local fog tonight and tomorrow morning, becoming cloudy and relatively mild later.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. N.W. Scotland) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind northwest, backing to southwest later, moderate; mainly fine; frost and local fog tonight and tomorrow morning, becoming cloudy and relatively mild later.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind northwest, moderate, backing to south, freshening tomorrow; fine and rather cold today; local frost tonight; becoming cloudy and mild tomorrow with rain later.	

† For code see page 1. ‡ Trace = rain has fallen, but amount less than 0.01 mm.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Tuesday, 29th November 1927. No. 333.

Stations	Heights above M.S.L. in feet	Observations at 1h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 7h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours.†	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1007.3	+3	SW'W	5	bc jp	45	85	7	4000	Cu.Nb.	4	–	4	1020.0	+10	NW	3	c	40	75	7	4000	Cu.Nb	5	A.St.	9	•
Stornoway	30	1017.3	+9	NNW	3	b/PH	•	•	7	•	•	•	•	•	1025.0	+9	NW	3	bc/pr	39	85	7	4000	Cu.Nb	4	–	4	2
Wick	31	1014.9	+6	NW	2	bc r	40	85	8	2500	Nb	4	Ci.St.	7	1022.4	+8	NW	2	c/pr	39	92	8	1500	Cu.Nb.	4	Ci.St.	8	0
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.5	+6	NW'W	4	~~[illegible]~~	44	65	8	1500	Cu.Nb.	2	–	2	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.1	•	–	0	bc	37	85	8	1500	St.	3	A.Cu.	7	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.6	+5	WNW	3	b	39	85	8	5700	St.Cu.	1	–	1	0
Malin Head	81	1021.9	+5	NW	5	bc/pr	46	85	8	4000	Cu.Nb.	3	–	3	1027.2	+6	NW'N	6	bc/pr	46	92	8	4000	Cu.Nb.	3	–	3	6
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.4	+7	SW	1	b	32	97	6	–	–	0	A.Cu.	1	•
Edinburgh (Inchkeith)	190	1017.3	+5	W	3	bc-	44	85	8	1500	St.	4	A.St.	6	1023.7	+5	W	2	b-	40	85	8	800	St.	1	–	1	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.2	+5	WSW	3	b	33	92	7	4000	St.Cu.	1	–	1	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.0	+5	–	0	b	35	85	8	–	–	0	A.St.	1	•
Tynemouth	67	1018.1	+2	W	2	ojp	46	92	6	1500	Nb	10	–	10	1022.7	+6	NW	2	c-	41	85	7	1500	Nb.	8	–	8	1
Blacksod Point	18	1026.2	+5	NW	4	b	47	65	7	•	Cu.Nb.	2	–	2	1030.7	+4	W	4	bc	45	65	7	•	Cu.Nb.	3	–	3	5
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.3	+7	W	2	bc+	40	92	8	5700	St.Cu.	3	–	3	1
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.5	•	W	2	b-	35	92	7	1500	Cu.	1	–	1	•
Holyhead	26	1019.4	+3	N	5	c-	49	85	7	1500	St.Cu	9	–	9	1025.4	+5	N'W	6	b	47	75	7	2500	St.Cu.	1	–	1	5
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.5	+5	NW'N	3	b-	(44)	85	7	2500	Nb	1	A.Cu.	1	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.5	+5	NNW	5	c	44	86	6	4000	St.Cu.	8	–	8	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.7	+3	NNW	3	c.	42	75	7	4000	Nb.	7	A.St.	9	
Spurn Head	28	1019.3	0	SW'W	2	or r	45	97	5	2500	Nb.	10	–	10	1020.6	+1	NNW	4	or r	44	97	6	2500	Nb.	10	–	10	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.1	+2	NNW	5	cr	43	85	7	4000	Nb	5	A.St.	9	•
Cranwell	236	1019.7	-4	SW'S	4	or r	47	97	6	1500	Nb.	10	–	10	1021.3	0	N	1	oR-	44	97	6	1500	Nb.	10	–	10	•
Gorleston	14	1022.2	-3	SSW	3	c+	44	92	6	2500	Nb.	8	A.St.	9	1020.8	-1	SSW	3	or r	45	92	6	1500	Nb.	10	–	10	0
Valentia (Cahirciveen) P	20	1028.8	+6	NW	4	bc	45	97	8	*	Cu.Nb	5	–	5	1032.7	+4	NNW	4	bc	46	75	8	2500	St.Cu.	5	–	5	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.9	+4	N	3	bc b	43	92	8	2500	St.Cu	1	–	1	1
Pembroke (St. Ann's H.)	150	1020.7	+1	NW'N	4	or-	48	97	7	1500	St.	~~4~~ 10	–	~~7~~ 10	1025.6	+5	N.	5	~~bc~~	45	97	8	2500	Cu.	5	–	5	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.3	+3	N'W	4	or	45	~~42~~ 45	7	1500	Nb.	10	–	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.6	+1	NNW	5	crr	43	97	7	1500	Nb.	4	A.St.	10	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.2	-3	–	0	or r	48	97	6	800	Nb.	10	–	10	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.5	-2	S'E	2	or r	48	97	5	800	Nb.	10	–	10	•
London (Kew Obsy.)	18	•	•	•	•	•	47	•	•	•	•	•	•	•	1019.9	-2	S'E	2	or r	47	97	5	800	Nb.	10	–	10	•
Croydon	244	1023.1	-2	S'W	4	ocd	46	97	6	800	St.	10	–	10	1020.2	-2	SSE	2	crr	45	97	5	450	Nb.	8	A.St.	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.0	-2	S'W	2	or r	44	97	5	800	Nb.	10	–	10	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.6	-2	SW	4	or r	~~47~~	92	6	2500	St.	10	–	10	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.7	-3	SSW	4	or r	43	97	5	450	St.	10	–	10	1
Lympne	350	1024.9	-2	S	4	c	42	97	6	1500	St.Cu.	10	–	10	1022.0	-4	SSE	4	o	42	97	6	220	St.	10	–	10	•
Scilly (St. Mary's)	163	1022.6	-1	NW	5	or r	49	97	7	4000	Nb.	10	–	10	1026.9	+4	N'W	7	bc	48	85	8	4000	Cu.	5	–	5	6
Falmouth (Pendennis)	200	1022.4	-1	SW'W	5	or	52	97	6	2500	Nb.	10	–	10	1026.1	+4	NNW	5	b/pr	47	85	8	4000	Cu.Nb	4	Ci.St.	6	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.2	+4	N	5	b+	47	85	7	2500	Cu.Nb	1	–	1	2
Portland Bill	32	1021.9	-3	SW	5	o/pr	52	85	8	2500	Nb	10	–	10	1020.7	-2	NW	5	cr	53	85	8	2500	St.	9	–	9	4
Southampton (Calshot)	10	1022.7	-4	SW'S	3	c+	50	92	8	1500	St	9	–	9	1019.2	-5	SE'S	1	or r	49	~~50~~	97	6	450	Nb.	10	–	10	0
Dungeness	20	1024.7	-3	SSW	3	c+	45	85	7	–	–	0	A.St.	10	1021.4	-4	S	4	c	46	92	6	~~450~~	St.	6	A.St.	10	4
Guernsey (Fort George) P	205	1024.0	-3	SSW	2	oD	50	92	4	2500	Nb.	10	–	10	1022.8	0	NW	4	cr	49	85	7	800	Nb.	6	A.St.	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th November 1927.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 27th to 9h. 28th	Temperature. Max. 9h. 27th to 9h. 28th	Rainfall.† Night 17h.-9h. 27th-28th	Rainfall.† Day 9h.-17h. 28th	Sunshine. Sunrise to Sunset. 28th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	c	35	49	-	-	0.0
Douglas (I. o. M.)	co	or	36	51	-	2	0.3
Llandudno	bcc	c	36	53	-	-	0.8
Colwyn Bay	bbcc	c	36	52	-	-	0.3
Rhyl	bcc	c	32	52	-	-	0.5
Wallasey	fbc	bcc	35	50	-	-	0.9
Southport	fmco	co	*34	48	0.2	-	0.7
Blackpool	c	c	34	48	0.3	-	0.8
Ilkley	mo	c	26	46	-	-	0.0
Cleethorpes	b	bo	31	43	-	-	4.5
Skegness	ofe	ofe	29	42	Trace	-	0.0
Aberystwyth	obc	bcf	37	51	-	-	2.9
Bath	mcbc	co	36	51	Trace	Trace	0.5
Cheltenham‖	odm	odm	39	48	-	0.3	0.1
Leamington Spa	d	odo	33	46	-	0.1	0.0
Lowestoft	cfc	c	36	42	Trace	-	0.0
Felixstowe	cfc	cmfc	35	43	0.4	Trace	0.0
Harwich & Dovercourt	ff	bff	35	43	Trace	-	0.3
Southend	ogef	fom	35	42	-	-	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	co	o	47	53	1	-	0.1
Bude	dod	dcbc	45	53	0.2	1	0.2
Penzance	cbc	c	48	54	0.5	-	0.5
Paignton	odp	odpo	42	53	0.3	0.3	0.4
Torquay	odp	o	42	53	0.2	Trace	0.5
Jersey	og	g	43	49	-	-	0.0
Weymouth	mcb	cbc	40	54	Trace	-	2.0
Bournemouth	ffo	bocm	32	50	0.3	-	1.3
Ventnor*	cz	o	36	49	-	-	0.7
Portsmouth (S'thsea)	ofo	ocm	38	49	-	-	0.0
Bognor	o	co	37	48	1	-	0.0
Littlehampton	o	oc	37	48	-	-	0.0
Worthing	oc	c	37	47	-	-	0.0
Brighton	o	o	36	47	-	-	0.0
Eastbourne‡	mf	fmo	37	46	0.2	-	0.0
Hastings‖	ofdm	omoM	36	44	0.4	0.2	0.0
Folkestone	om	ofe	36	43	-	-	0.0
Dover	fmo	mo	37	44	Trace	-	0.0
Tunbridge Wells	ofe	om	33	43	Trace	-	0.0
Ramsgate	ofc	of	37	42	Trace	-	0.0
Margate	f	f	37	44	-	-	0.0
Deal	feo	o	36	43	0.3	-	0.0

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* Information is not usually received. P The observations at 1h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24114. Wednesday, 30th November 1927.

Observations at 13h. G.M.T. 29th

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1027.6	+9	NW	3	bc	39	85	8	5700	StCu	4	CiCu	6	·
Stornoway	1031.2	+3	N	2	bc	43	75	8	4000	Cu	3	-	3	·
Wick (40)	1031.0	+7	NW	2	c	~~39~~	92	8	1500	CuNb	6	CiSt	8	·
Tiree	1031.8	+3	NNE	4	bcv	46	75	9	2500	Cu	4	-	4	1
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1029.4	+5	NNW	3	bcₒ	41	85	8	1500	CuNb	6	-	6	1
Malin Head	1032.0	+3	N	4	bc/pr	46	92	8	4000	CuNb	2	ACu	5	·
Renfrew	1030.3	+3	NW	2	b	45	65	7	5700	StCu	1	-	1	2
Edinburgh (Inchkeith)	1029.1	+1	WNW	2	b	43	65	8	-	-	0	ACu	1	·
Leuchars	1029.9	+5	NNW	2	b	43	65	8	5700	StCu	2	-	2	1
Eskdalemuir	1028.6	+4	N'E	4	b	41	65	8	-	-	0	-	0	2
Tynemouth	1026.3	+5	N	3	bc	45	75	8	1500	CuNb	3	-	3	·
Blacksod Point	1033.8	+3	N	4	bcv	47	75	9	·	CuNb	3	-	3	·
Donaghadee	1029.8	+3	NNW	4	bc-	47	85	8	2500	CuNb	3	ACu	6	·
Birr Castle	1031.9	·	NW	2	b-	46	75	8	-	-	0	-	0	·
Holyhead	1028.7	+1	N'W	6	bc	47	85	8	2500	CuNb	7	-	7	1
Liverpool (Bidston)	1027.9	+2	NNW	4	b	45	85	8	2500	Cu	1	-	1	·
Chester (Sealand)	1027.5	+3	NNW	4	b	46	75	6	2500	Cu	1	-	1	2
Harrogate	1027.2	+4	NW'N	3	bc-	43	75	7	-	-	0	ACu	4	·
Spurn Head	1024.1	+2	N'E	6	c	46	85	7	4000	Nb	3	ASt	10	·
Birmingham (Edgbaston)	1025.5	+2	NNW	4	mmo	42	85	4	800	St	10	-	10	2
Cranwell	1025.2	+3	NNW	4	o	43	97	6	800	St	10	-	10	2
Gorleston	1021.7	+1	NW'W	2	orr	45	97	5	800	Nb	10	-	10	·
Valentia (Cahirciveen)	1035.1	+1	N	3	bc	49	65	8	2500	StCu	3	-	3	2
Roches Point	1031.7	+2	NW	3	bcv	46	85	8	2500	Cu	-	-	-	·
Pembroke (St. Ann's H.)	1028.2	+1	NNE	6	bc	48	85	8	1500	Cu	5		5	·
Ross-on-Wye	1024.4	+1	N	4	c-	45	75	8	2500	Nb	2	ASt	8	1
Leafield	1023.4	+1	N'W	5	orr	40	97	7	800	Nb	10	-	10	2
Winchester (Worthy Dn.)	1020.7	+1	NNW	5	orₒrₒ	42	85	8	450	Nb	10	-	10	2
S. Farnborough	1020.3	+2	N	4	orr	43	92	6	800	Nb	10	-	10	2
London (Kew Obsy.)	1020.1	0	NNE	5	Crr	45	85	5	800	Nb	8	ASt	10	2
Croydon	1019.8	0	N	4	orr	45	97	4	<150	Nb	10	-	10	2
Shoeburyness	1020.6	0	S'W	2	orr	45	97	5	800	Nb	10	-	10	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1022.2	+1	NE'E	2	orr	45	97	5	450	Nb	10	-	10	2
Lympne	1020.4	-1	ESE	3	orr	43	97	4	<150	Nb	10	-	10	2
Scilly (St. Mary's)	1029.1	+1	N'W	6	bc	49	75	8	4000	Cu	5	-	5	·
Falmouth (Pendennis)	1028.4	-1	NNW	6	bc-	48	85	8	4000	Cu	4	-	4	·
Plymouth (Cattewater)	1026.3	0	NNW	7	b/pr	49	85	8	1500	CuNb	1	-	1	2
Portland Bill	1021.8	0	NNW	6	crr	45	85	6	1500	Nb	8	ACu	9	·
Southampton (Calshot)	1020.6	+1	NNW	6	cr-	44	85	7	800	Nb	10	-	10	3
Dungeness	1020.2	-3	SSW	4	orr	45	85	7	1500	Nb	10	-	10	·
Guernsey (Fort George)	1024.2	-1	NNW	7	c	48	75	7	2500	Cu	8	-	8	·

Observations at 18h. G.M.T. 29th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1031.5	+4	W'N	2	b	37	75	8	4000	Cu	2	-	2	·
Stornoway	1034.0	+3	N	2	b	33	92	8	4000	Cu	2	-	2	0
Wick	1033.9	+4	NW	2	bc	37	75	8	1500	CuNb	4	-	4	0
Tiree	1034.4	+2	NE	2	vb-	41	85	9	-	-	0	CiCu	1	1
Nairn	1034.0	·	NW	1	bc-	35	85	8	4000	Cu	2	ACu	5	·
Aberdeen	1033.9	+5	NW	3	bc+	38	85	8	2500	StCu	3	-	3	0
Malin Head	1033.9	+2	NNE	3	bc/pr	46	85	8	4000	St	4	-	4	4
Renfrew	1033.9	+5	NE	1	b	39	65	8	-	-	0	-	0	·
Edinburgh (Inchkeith)	1033.3	+3	WNW	2	b	40	75	8	-	-	0	ACu	1	0
Leuchars	1034.2	+5	N	2	b	36	75	8	5700	StCu	1	-	1	·
Eskdalemuir	1033.3	+6	N'E	2	b	36	85	8	-	-	0	-	0	·
Tynemouth	1030.6	+4	N	3	bc+	44	85	8	1500	CuNb	6	-	6	4
Blacksod Point	1034.7	+2	W	1	c+	42	85	8	·	St	8	-	8	5
Donaghadee	1032.5	+4	N	3	bc-	46	85	8	2500	Cu	3	-	3	2
Birr Castle	1033.8	·	NW	2	b	~~36~~ 37	92	7	1500	Cu	1	ACu	2	·
Holyhead	1031.4	+5	NNE	3	b-	46	75	8	2500	Cu	2	-	2	4
Liverpool (Bidston)	1031.4	+5	NNE	3	b	40	85	6	-	-	0	-	0	·
Chester (Sealand)	1030.6	+5	N'W	2	mmb	37	85	4	-	-	0	-	0	·
Harrogate	1031.0	+3	N	3	bc+	40	85	7	-	-	0	ACu	7	·
Spurn Head	1027.4	+5	N'E	6	bc	45	85	6	4000	CuNb	6	-	6	2
Birmingham (Edgbaston)	1029.5	+4	N	4	b-	41	85	6	2500	Cu	1	-	1	·
Cranwell	1028.4	+6	N	3	b-	40	97	6	2500	StCu	1	-	1	·
Gorleston	1024.2	+3	NE	6	orr	46	92	6	450	Nb	10	-	10	4
Valentia (Cahirciveen)	1035.3	+1	N'E	2	b	43	75	8	2500	StCu	1	-	1	3
Roches Point	1032.6	+2	N	3	b	45	85	8	2500	StCu	1	-	1	-
Pembroke (St. Ann's H.)	1030.7	+3	NNE	3	bc	44	92	8	1500	StCu	4	-	4	2
Ross-on-Wye	1027.8	+4	N	3	bc-	43	75	6	2500	St	1	ASt	3	·
Leafield	1026.9	+4	N'E	6	o	42	85	8	1500	Nb	10	-	10	·
Winchester (Worthy Dn.)	1023.3	+3	N	5	oRR	43	97	7	450	Nb	10	-	10	·
S. Farnborough	1023.4	+6	NNE	4	orr	43	97	5	800	Nb	10	-	10	·
London (Kew Obsy.)	1023.4	+5	NNE	5	orₒrₒ	45	92	5	800	Nb	10	-	10	*
Croydon	1023.0	+5	N'E	4	orₒrₒ	44	92	5	<150	Nb	10	-	10	·
Shoeburyness	1023.1	+3	NE'N	4	orr	45	97	6	450	Nb	10	-	10	·
Clacton-on-Sea	1023.1	+3	N	4	orr	45	97	6	2500	St	10	-	10	2
Felixstowe	1024.3	+3	NE	2	orr	45	97	2	450	Nb	10	-	10	0
Lympne	1022.4	+1	NE'N	3	orₒrₒ	41	97	4	<150	Nb	10	-	10	·
Scilly (St. Mary's)	1030.6	+1	N	6	bc	47	85	8	4000	CuNb	5	-	5	5
Falmouth (Pendennis)	1029.2	+1	N	5	bc/pr	45	92	8	4000	CuNb	5	ACu	6	2
Plymouth (Cattewater)	1027.6	+2	N	5	b	45	75	7	4000	Cu	1	-	1	0
Portland Bill	1023.0	0	NNW	6	or	46	85	6	2500	Nb	10	-	10	4
Southampton (Calshot)	1023.4	+5	N'E	4	orr	44	85	6	800	Nb	10	-	10	3
Dungeness	1027.3	+6	E	4	orr	44	97	7	1500	Nb	10	-	10	4
Guernsey (Fort George)	1024.1	-1	NNE	8	crr	45	85	6	1500	CuNb	9	-	9	7

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Temp. Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	orfq	orrmq	orₒrqcrd	48	42	41	26	3	0.0	*	*	5
Croydon } 24 hours ended 7h.	244	cmrrffm	orrmm	omrrdd	48	41	39	24	2	0.0	*	*	5
Greenwich (Royal Obsy.)	149	orgt	orr	odfₒodo	47	40	40	19	1	0.0	97	85	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	48	44	37	22		0.0	92	80	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	for	or	*	47	41	41	19	1	*	*	89	*
Kensington Palace	80	or	or	*	47	41	—	20	2	*	(At 18h) 92	91	*
Hampstead Observatory	450	*	*	*	46	39	34	20	1	0.0	*	92	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 30th

South Kensington

Max.	Time.	Min.	Time.
1.5	10h 29th	<0.3	24h 29th

Kew Observatory

Max.	Time.	Min.	Time.
0.3	9h 29th	<0.3	Rest of period.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 29th 17 h 00 m. to 30th 6 h 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.30	NIL	NIL
δ Ursae Minoris	13.30	NIL	NIL

CODE FOR STATE OF GROUND.

0 = Dry ground.
1 = Wet ground.
2 = Soft (muddy) wet ground.
3 = Bare ground frozen (but less than 2 ins. deep).
4 = Bare ground frozen (but more than 2 ins. deep).
5 = Dew (or wet grass but not wet ground).
6 = Skating to-day in 13h. and 18h. reports (Hoar frost in 1h. and 7h. reports).
7 = Snow (thin layer often not continuous).
8 = Snow (deep, impeding traffic, usually a continuous layer).
9 = Glazed roads (ice on roads from frozen rain or melted snow).

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.

30th Nov. and 1st DEC., 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.41 7.42	11.41 11.42	15.42 15.41
Greenwich	7.43 7.44	11.48 11.49	15.54 15.53
Wick	8.35 8.37	12.01 12.01	15.27 15.25
Valentia	8.26 8.27	12.29 12.30	16.33 16.32

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_o = slight rain.
rr = continuous rain.

SYMBOLS.

< = { less than (for cloud height). before (for precipitation).
⊕ = solar halo. ♍ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

The BEAUFORT SCALE of WIND is used only for surface observations. In the accompanying table the speed of the wind corresponding with the different numbers, is the speed at about 30 feet above the ground.

Beaufort No.	Statute miles per hour.
0	Less than 1
1	1- 3
2	4- 7
3	8-12
4	13-18
5	19-24
6	25-31
7	32-38
8	39-46
9	47-54
10	55-63
11	64-75
12	Above 75

SEA DISTURBANCE.

0 = no swell } Calm or slight sea.
1 = mod. swell
2 = heavy swell
3 = no swell } Moderate sea.
4 = mod. swell
5 = heavy swell
6 = rather rough sea.
7 = rough sea.
8 = very rough sea.
9 = mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

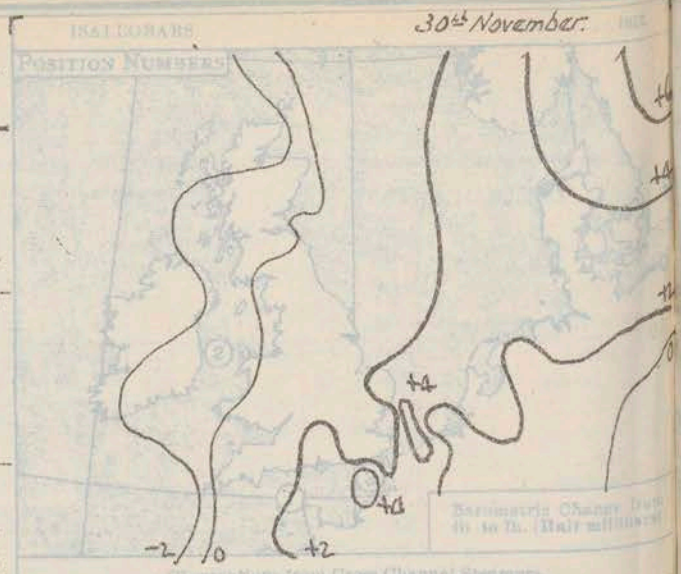
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2570.

Summaries for the Past 24 Hours.

Stations.	Weather. 7h.-13h. 29th	Weather. 13h.-18h. 29th	Weather. 18h. 29th to 1h. 30th	Weather. 1h.-7h. 30th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 29th Hours.
Lerwick	cbc	bcb	b	b	41	33	.	—	—	—	—	4.0
Stornoway	bbc	bbc	b-bc	bc	43	28	.	31	*	Trace	—	3.9
Wick	cbhc	bbc	b-bc	b-bc	42	30	.	0.3	11.00	—	—	.
Tiree	bhbcq	bc	bc	bcq	46	33	20	0.6	<8.00	—	—	3.8
Nairn	bc	bcx	bcx	bc	41	26	.	—	—	—	—	2.8
Aberdeen	bbcbr	bcbrb	c	bcx	42	30	25	0.2	12.30	—	—	4.5
Malin Head	bcbr	bcbr	bcbx	bx	47	32	.	0.3	<8.00	—	—	3.7
Renfrew	bxhb	bbcb	bmzx	bmx	47	21	12	—	—	—	—	5.8
Edinburgh (Inchkeith)	bbc	bbc	b	b-bc	45	34	25	—	—	—	—	5.8
Leuchars	b	bw	bx	bbcx	45	27	21	—	—	—	—	6.9
Eskdalemuir	bxb	b	bx	bxbx	42	26	23	—	—	—	—	6.6
Tynemouth	cbc	bcq	bcpq	bcc	45	43	36	—	—	Trace	24.00	.
Blacksod Point ...	b	bo	b	b	48	40	.	—	—	—	—	.
Donaghadee	brbc	bc	bbc	bc	48	41	.	Trace	9.00	—	—	.
Birr Castle	b	b	bx	[illegible]	46	24	17	—	—	—	—	5.9
Holyhead	bbcpr	bc	bcb	b	48	42	38	0.3	11.00	—	—	4.2
Liverpool (Bidston) ...	b	bm	bwxm	bxm	45	34	29	—	—	—	—	6.0
Chester (Sealand) ...	bm	bmw	bm	bmx	47	31	28	—	—	—	—	4.6
Harrogate	cbc	bcbbc	bcb	bx	43	32	26	—	—	—	—	3.0
Spurn Head	orb	bbc	b-bc	c	47	42	.	1	<8.00	—	—	0.0
Birmingham (Edgbaston)	rb	mobc	b	bmcf	43	36	34	Trace	<8.00	—	—	0.0
Cranwell	rbrb	bbc	b-bc	bbc	45	33	30	6	<8.00	Trace	3.30	0.0
Gorleston	orr	orrq	orrq	o	46	44	43	10	<8.00	2	21.00	0.0
Valentia (Cahirciveen)	bcbd	bcbb	bmx	bx	50	30	23	0.2	13.30	—	—	5.6
Roches Point	bv	b	b	bx	48	34	.	—	—	—	—	.
Pembroke (St. Ann's H.)	bcq	bcprb	bcb	b	49	37	.	1	14.30	—	—	6.1
Ross-on-Wye	rc	c	bbcb	bcco	45	37	32	0.1	<8.00	—	—	0.0
Leafield	orrq	orrq	cbc	bcc	43	38	37	6	<8.00	0.1	6.30	0.0
Winchester (Worthy Dn)	orrrr	orrRR	orr	orrc	49	41	40	19	<8.00	6	21.00	0.0
S. Farnborough ...	orrm	oRRm	orrm	orm	48	40	40	33	<8.00	7	21.00	0.0
London (Kew Obsy.) ...	orrq	orrmq	orrq	crc	48	42	41	26	<8.00	3	21.00	0.0
Croydon	[illegible]	[illegible]	[illegible]	[illegible]	48	41	39	24	<8.00	2	21.00	0.0
Shoeburyness	[illegible]	orr	orro	o	45	40	40	20	<8.00	1	21.00	0.0
Clacton-on-Sea ...	[illegible]	orr	orro	oc	45	42	41	19	<8.00	3	21.00	0.0
Felixstowe	[illegible]	[illegible]	orr	oc	45	42	41	14	<8.00	3	21.00	0.0
Lympne	[illegible]	[illegible]	[illegible]	o	43	37	37	19	<8.00	0.1	21.00	0.0
Scilly (St. Mary's) ...	bc	bc	bcP	bbcm	49	44	.	—	—	1	21.00	6.2
Falmouth (Pendennis)	bcq	bcprq	bcprbq	bbcq	49	41	.	Trace	<8.00	Trace	21.00	6.3
Plymouth (Cattewater)	[illegible]	[illegible]	bpc	cq	50	42	39	Trace	<8.00	—	—	7.2
Portland Bill	[illegible]	[illegible]	[illegible]	[illegible]	53	44	.	1	<8.00	0.5	21.00	.
Southampton (Calshot)	[illegible]	[illegible]	[illegible]	[illegible]	49	41	40	6	<8.00	2	21.00	0.0
Dungeness	[illegible]	orr	orro	o	47	39	.	1	<8.00	Trace	21.00	.
Guernsey	[illegible]	[illegible]	RoRq	rocbq	49	42	.	2	<8.00	20	21.00	1.9



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	29th 10h.	SCOTIA	N	5	C+	45	51	8
1	" 12h.	REINDEER	N	7	C/1-	47	55	6
3	30th 2h.	DIEPPE	E	5	C	44	53	7

The anticyclone that recently covered Scotland and Ireland will soon have withdrawn to the neighbourhood of Sweden and the Baltic. The trough of relatively low pressure which extends southwards as far as the Azores from a deep depression off the east coast of Greenland is advancing towards the British Isles. The weather will be generally fair today though dull in Southeast England but will become cloudier and less settled in Scotland and Ireland before long. Frost will occur in many places tonight and local fog.

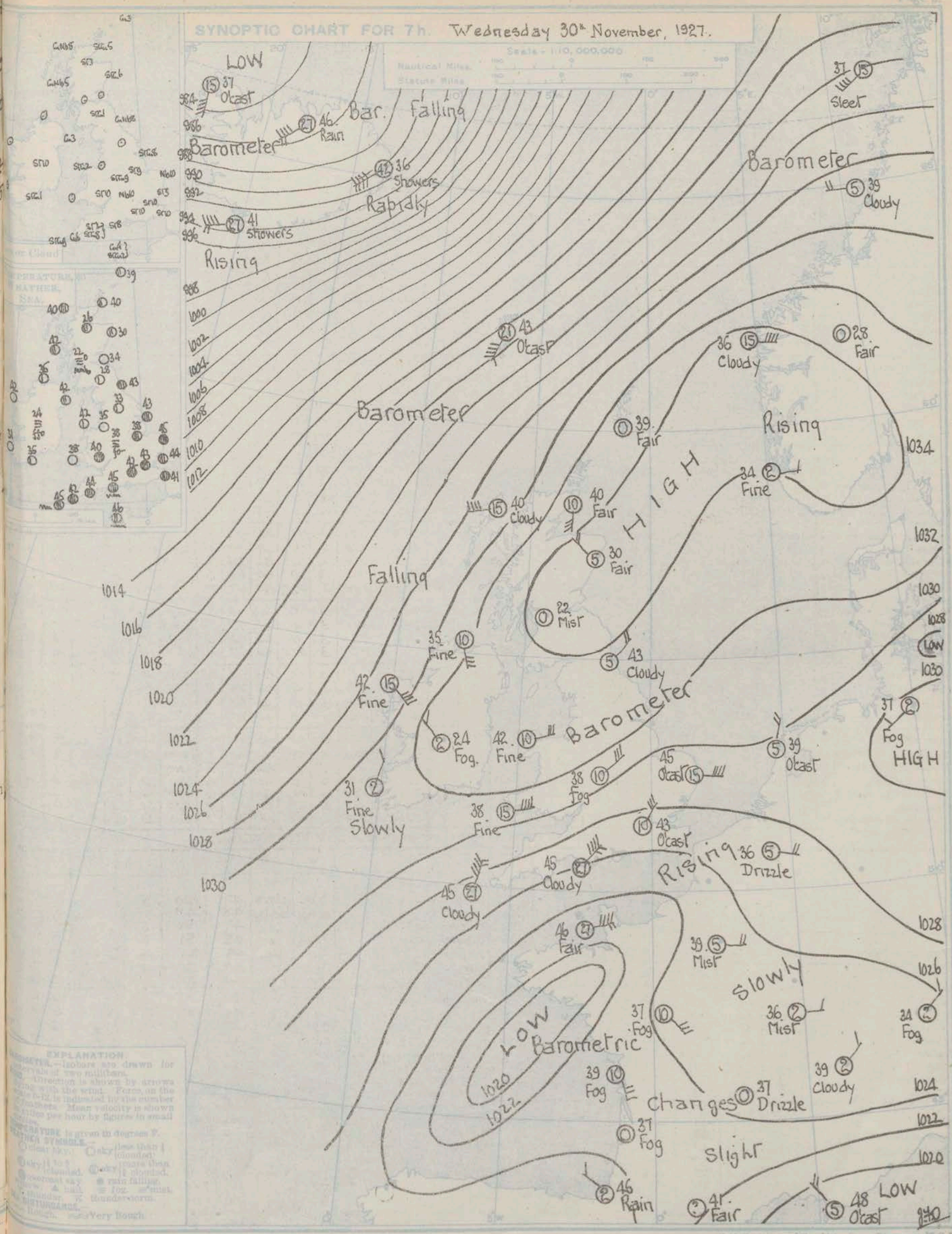
Forecasts for the 24 hours commencing 15 h. G.M.T. Wednesday, 30th November, 1927.

Districts.	Forecast.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light easterly winds; mainly dull, but perhaps some brighter periods tomorrow; local mist; moderate to rather low temperature.	After a period of widespread rain, fairer, colder weather is probable, with local fog, and frost at night.
5. S.W. England	Wind N.E., moderate to fresh, becoming light; mainly cloudy; local morning mist; moderate to rather low temperature.	
6. South Wales	As 1 - 4.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind S.E. to S., light to moderate, freshening later; generally fine at first today, becoming cloudy with rain tomorrow; frost and local fog tonight.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Wind southerly to southwesterly, light to moderate, becoming fresh to strong; generally fine at first today, becoming cloudy with rain tomorrow; rather cold, local frost and fog tonight.	
13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Wind S. to S.W., becoming strong, veering to N.W. later; dull to rainy for a time; becoming less cold.	
19. S.E. Ireland 20. S.W. Ireland	Wind southerly to southwesterly, light to moderate, becoming fresh to strong; generally fine at first today, becoming cloudy with rain tomorrow; becoming less cold.	SVN

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1035 G.M.T. G. C. Simpson, F.R.S., Director.

† For code see page 1

† Trace = rain has fallen, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. Wednesday 30th November, 1927.
LOW
Bar. Falling
Barometer
Rapidly
Rising
Barometer
HIGH
Rising
Falling
Barometer
Slowly
Rising
Low Barometric
Changes
Slight
HIGH
LOW

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Wednesday, 30th November ....1927. No. 334.

Observations at 1h. G.M.T. 30th

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10
Lerwick	54	1033·5	0	—	0	b	33	85	8	4000	Cu.	2	—	2
Stornoway	30	1033·2	-2	NW	1	b-	•	•	8	•	•	•	•	•
Wick	81	1035·1	-1	~~SSE~~ WNW	1	bc	~~35~~ 31	85	8	2500	St.Cu.	3	—	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1033·9	-1	SSE	2	b	36	97	8	5700	St.Cu.	1	—	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1034·4	+2	N	1	b	37	75	8	1500	St.	1	—	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1034·3	+2	N	2	bc/r	44	65	8	1500	Cu.Nb.	6	—	6
Blacksod Point ...	18	1032·3	-1	S'E	1	b	43	75	7	•	Cu.	2	—	2
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1032·5	0	ENE	4	b	43	85	8	2500	Cu.	2	—	2
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	~~[illegible]~~ 1030·1	0	NNE	5	bc+	43	85	7	5700	St.Cu.	4	—	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	238	1030·9	+4	NNW	3	b	33	97	6	—	—	0	—	0
Gorleston	14	1027·7	+3	E'N	3	o/r	44	97	6	800	Nb.	10	—	10
Valentia (Cahirciveen)℗	30	1034·2	-1	E	2	b	40	92	7	—	—	0	—	0
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1031·4	+1	NE	2	b	41	92	8	—	—	0	—	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	45	•	•	•	•	•	•	•
Croydon	244	1026·0	+2	NE'N	4	odd	41	97	4	220	St.	10	—	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1025·9	+2	NE	4	o	38	97	7	1500	St.	10	—	10
Scilly (St. Mary's) ...	163	1029·5	-1	NNE	6	b-	45	85	8	4000	Cu.	1	—	1
Falmouth (Pendennis)	200	1029·1	-2	N	5	b	43	92	8	—	—	0	—	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1023·9	+1	N'E	6	o	45	85	6	2500	St.	10	—	10
Southampton (Calshot)	10	1024·9	+1	NNE	4	cr$_0$r$_0$	45	85	8	1500	Nb.	9	—	9
Dungeness	20	1024·8	+2	E	4	c/r	41	85	7	—	—	0	A.St.	10
Guernsey (Fort George) ℗	295	1021·2	0	NNE	5	o/PR	47	85	4	1500	Nb.	10	—	10

Observations at 7h. G.M.T. 30th.

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1032·3	0	—	0	bc	39	75	8	4000	Cu.	3	—	3	•
Stornoway	1029·8	-3	WSW	4	c+	40	75	7	4000	Cu.Nb.	8	-	8	3
Wick	1032·7	-2	S	3	bc	40	85	8	2500	St.Cu.	5	Ci.St.	7	3
Tiree	1031·6	-1	S'E	4	bcjp	42	85	9	2500	Cu.Nb.	5	—	5	4
Nairn	1032·6	•	—	0	bc-	26	85	8	1500	St.	3	-	3	•
Aberdeen	1035·0	-1	NW	2	bc	30	92	6	4000	St.Cu.	6	-	6	0
Malin Head	1031·7	-2	SSE	3	b	35	97	7	—	—	0	—	0	1
Renfrew	1035·3	-1	—	0	mmb	22	97	4	—	—	0	—	0	•
Edinburgh (Inchkeith)	1034·3	0	WNW	1	b	34	92	8	—	—	0	—	0	0
Leuchars	1035·3	0	W	1	bc	28	92	8	5700	St.Cu.	3	A.Cu.	4	•
Eskdalemuir	1035·2	0	N'W	2	b	28	97	8	2500	St.Cu.	1	—	1	•
Tynemouth	1033·8	0	NE	2	c	43	75	8	1500	Cu.Nb.	8	—	8	4
Blacksod Point	1029·8	-2	SE	4	b-	42	85	8	•	—	0	—	0	3
Donaghadee	1032·9	-1	S	2	bc-	42	85	8	4000	Cu.	3	-	3	2
Birr Castle	1032·3	•	NW	1	ffo	24	92	3	<150	St.	10	-	10	•
Holyhead	1032·4	0	E'N	3	b	42	92	7	2500	St.Cu.	2	-	2	1
Liverpool (Bidston)	1033·1	0	NE'N	2	b	35	92	5	—	-	0	—	0	•
Chester (Sealand)	1032·5	0	NW	2	mmb	32	92	4	2500	St.Cu.	1	—	1	•
Harrogate	1033·6	0	N'W	1	b	33	92	6	-	-	0	A.Cu.	1	•
Spurn Head	1031·2	0	NE	4	c	43	75	7	4000	St.Cu.	8	-	8	
Birmingham (Edgbaston)	1031·4	0	NE	3	fc-	38	92	3	2500	St.Cu.	9	-	9	•
Cranwell	1031·7	+1	NNE	3	ct	38	97	6	1600	St.	9	-	9	•
Gorleston	1029·4	+2	E'S	4	o	45	85	6	1500	Nb.	10	-	10	1
Valentia (Cahirciveen)	1031·3	-3	NNE	1	b	31	92	8	-	-	0	-	0	3
Roches Point	1031·5	-1	NNE	2	b	35	97	8	2500	St.Cu.	1	-	1	1
Pembroke (St. Ann's H.)	1030·6	0	E'N	4	b	38	~~85~~ 97	8	—	—	0	-	0	1
Ross-on-Wye	1029·5	0	NE	4	o	40	85	6	1500	St.	10	-	10	•
Leafield	1028·7	0	NNE	5	or$_0$r$_0$	40	97	7	1500	Nb.	10	-	10	•
Winchester (Worthy Dn.)	1026·3	+2	NE'E	3	c	42	92	6	800	St.Cu.	10	-	10	•
S. Farnborough	1027·1	+1	NNW	3	o	42	97	5	800	St.	10	-	10	•
London (Kew Obsy.)	1027·8	+1	NE'N	3	o	43	92	5	800	St.	10	-	10	•
Croydon	1027·5	0	NE	3	od$_0$d$_0$	42	97	4	450	Nb.	10	-	10	
Shoeburyness	1028·1	+1	E	3	o	44	92	6	450	St.	10	-	10	•
Clacton-on-Sea	1028·3	+1	NE	5	c	44	85	7	7200	St.Cu.	8	-	8	3
Felixstowe	1029·0	+4	ENE	5	c	42	85	7	450	St.	9	A.St.	10	4
Lympne	1027·5	+1	ENE	4	o	40	85	7	1500	St.	10	-	10	•
Scilly (St. Mary's)	1027·8	-2	NNE	6	c+	45	85	6	4000	St.Cu.	9	-	9	6
Falmouth (Pendennis)	1027·8	0	NNE	4	c+	42	92	8	4000	Cu.	6	A.St.	8	2
Plymouth (Cattewater)	1026·4	0	N	5	c	44	75	8	4000	St.Cu.	10	-	10	1
Portland Bill	1025·1	+1	NE	6	c	45	85	6	800	St.	8	A.St.	10	7
Southampton (Calshot)	1027·1	+3	ENE	4	od$_0$	41	97	6	800	Nb.	10	-	10	0
Dungeness	1026·7	+4	E	5	o	41	92	7	800	St.	10	-	10	4
Guernsey (Fort George)	1022·6	+3	E'N	6	bc-	46	85	7	1500	Cu.	6	-	6	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR... 29th November 1927

Stations. (1)	Weather. Forenoon. (2)	Weather. Afternoon. (3)	Temperature. Min. 9h. 28th to 9h. 29th (4) °F.	Temperature. Max. 9h.-17h. 29th (5) °F.	Rainfall.† Night 17h.-9h. 28th-29th (6) mm.	Rainfall.† Day 9h.-17h. 29th (7) mm.	Sunshine. Sunrise to Sunset. 29th (8) hr.
Berwick-on-Tweed	bc	bcc	37	44	Trace	-	5·3
Douglas (I. o. M.) ...	b	b	41	46	6	-	6·4
Llandudno ...	cr	cbbc	45	48	18	0·6	2·6
Colwyn Bay ...	corr	bbcb	45	48	18	-	3·6
Rhyl... ...	bc	bc	45	48	11	-	4·5
Wallasey ...	b	b	38	46	7	-	6·0
Southport ...	b	b	*41	45	7	-	6·3
Blackpool ...	b	b	39	46	8	-	6·1
Ilkley ...	bc	bc	28	47	3	-	3·7
Cleethorpes...	o	o	37	46	12	-	0·0
Skegness ...	rr	cbc	38	46	13	3	0·0
Aberystwyth ...	rrbc	bcc	37	47	11	-	3·9
Bath ...	cr$_0$	cr$_0$	41	48	5	1	0·0
Cheltenham‖ ...	or	o	43	45	8	1	0·0
Leamington Spa ...	or	c	41	44	17	0·6	0·0
Lowestoft ...	cr	r	38	46	4	7	0·0
Felixstowe ...	cmr	cmr	39	45	4	9	0·0
Harwich & Dovercourt	ocrm	ocrm	39	45	6	10	0·0
Southend ...	rm	r	40	45	8	15	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe ...	bbc	cbcb	47	49	3	-	2·7
Bude ...	cbc	bcp$_0$	48	49	1	0·2	5·2
Penzance ...	b	b	47	51	5	-	6·2
†Paignton ...	bcb	b	45	51	5	-	5·7
Torquay ...	bc	bc	45	51	4	-	6·0
Jersey ...	bc	r	42	51	4	3	1·7
Weymouth ...	rr	rpo	44	45	7	4	0·0
Bournemouth ...	r	r	41	45	7	4	0·0
Ventnor ...	or	or	43	47	9	11	0·0
Portsmouth (S'thsea)	orr	orr	43	49	9	5	0·0
Bognor ...	orr	rr	40	49	9	4	0·0
Littlehampton ...	cr	cr	42	50	8	10	0·0
Worthing ...	or	orr	42	50	8	11	0·0
Brighton ...	orr	rr	42	50	7	15	0·0
Eastbourne‖ ...	rr	r$_0$rr	44	49	5	15	0·0
Hastings‖ ...	oror	oror	43	48	3	21	0·0
Folkestone ...	or	rm	40	45	1	15	0·0
Dover ...	orr	orr	41	45	0·6	14	0·0
Tunbridge Wells ...	or	or	38	47	4	15	0·0
Ramsgate ...	rm	rm	39	44	2	13	0·0
Margate ...	or	or	39	45	3	13	0·0
Deal ...	r	r	38	44	2	13	0·0

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* Information not usually received. ℗ The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, November 1927.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Dungeness	13h Weather c/d 7h force 2
	Berwick	18h Cloud height 4000'
	Pembroke	" Cloud StCu 4 Cu 6
	Tynemouth	1h Weather bc t
	Portland Bill	" Bar 1023.9mb
	Tiree	7h Bar change -9
	Renfrew	" Vis. 7.
	Blacksod Pt	" Bar change -3
	Birmingham	" Cloud St 8 Cu 9
	Southend	Rain 3mm. 2mm.
	Spurn Head	Max 56° Min 44°
	Roches Pt	Weather 1-7h coir.
	Pembroke	Night rain Nlw
	Winchester	Weather 13-18h cRRq bcb.
	S. Jarboro'	Min 33°
	Calshot	Night rain 0.1mm.
2nd	Dungeness	Min 37°
	Winchester	13h Wind force 4
	Birr Castle	18h Bar 1007.9mb
	Pembroke	" " 1013.9 "
	Hampstead	Max 51° Min 45°
	Edinburgh	1h Temp 57°
	Malin Head	7h Sea 3.
	Leafield	" Weather c.
	Clacton-on-Sea	" Temp 57°
	Skegness	bbco or. 40 60 Tr. Tr. 1.9
	Bournemouth	Min 38° Day rain Tr.
	Blacksod Point	Max 60°
	Harrogate	Min 53°
	Leafield	" 52°
	Edinburgh	" 56° Guernsey. Max 56°
3rd	Nairn	18h Wind SSW.
	Holyhead	" Weather od.
	Pembroke	" " fff.
	Clacton-on-Sea	" Wind force 3.
	Ross-on-Wye	7h Vis. 7.
	Colwyn Bay	Min 53°
	Southport	Night rain 14mm.
	Aberystwyth	Min 54°
	Tiree	" 53°
4th	Leafield	Weather 7-13h oid. m.op.
	Stornoway	18h Hum. 92%
	Dungeness	" Temp 57° Weather 1-7h oc
	Tiree	7h Bar 1009.3mb.
	Pembroke	" Weather ct Cloud StCu 10
	Skegness	co. ocr. c 56 58 - Trace 0.0
	Paignton	Day rain Trace
	Torquay	" " "
	Nairn	Min 47° Night rain 1mm.
	Aberdeen	Sun 1.6hrs
	Eskdalemuir	Day rain 12mm.
5th	Felixstowe	Min 52°
	Stornoway	13h Hum 55% 18h Sea 2
	Pembroke	" Weather c- 7h Cloud Cu 6
	Spurn Head	1h Cloud Nlw
	Carlestan	" Weather b-
	Portland Bill	" Wind NW'W.
	Edinburgh	7h Weather o Cloud St 10
	Dungeness	" Cloud StCu 9.
	Clacton-on-Sea	" Sea 1.
	Berwick-on-Tweed	Max 61°
	Southport	Weather bc c bcjp./ bcco.
	Stornoway	Day rain 0.3mm
	Valentia	7h Sun 3.7hrs.
	Plymouth	Weather 13-18h bcc
	Harrogate	" 18-1h b
6th	Wick	13h Cloud Ci St 8
	Tiree	" Bar change -4.
	Harrogate	" Bar: 1000.4mb.
	Kew	" Hum: 75%
	Carlshot	18h Wind force 5
	Westminster	53. 45. 34. - - 1.7 80% 84
	Liverpool	7h Bar 988.6mb
	Cranwell	Rain began 12.30.
	Pembroke	Day rain 0.2mm.
	Winchester	Weather 13-18h cr. d.
	S. Kensington	Pollution Max 0.5 5th 16h Min 2.03 6th 2h
	Greenwich	5th 17.19 to 6th 6.15. Exposure 13.0
	Pole Star	Record h m 2.10 % 17 h m 1 16 % 10
7th	Wick	13h Wind NNW. Temp 39° 1h 991.7
	Leuchars	18h " N Weather c Cloud CuNb 9
	Liverpool	" Bar 988.2mb.
	Pembroke	" Sea 2.
	Tynemouth	1h Hum. 97%
	Liverpool	7h Bar 991.2mb
	Spurn Head	" Sea 2.
	Winchester	" Bar: 988.3mb.
	Leuchars	Max 42°
	Spurn Head	" 46°
	Lympne	Weather 18-1h cr. o1rrc
8th	Tiree	13h Cloud height 7200'
	Eskdalemuir	" Cloud Cu 8 Ci St 9.
	Cranwell	" " Cu 4 ACu 9. 13-18h cbb
	Tynemouth	18h Weather o/rs.
	Edinburgh	7h " bc Cloud Cu 4 ACu 6
	Liverpool	" Bar 1003.7mb.
	Leafield	" Wind Calm.
	Shoeburyness	" Hum 97%
	Dungeness	" Vis 3 Weather fffb.
	Edinburgh	Weather 7-13h prc
	Holyhead	" 18-1h cttr RS
	Leafield	" 13-18h bcbx 18-1h bcF
	Winchester	" 1-7h fbbcmx
9th	Pembroke	13h Bar 1002.4mb Weather bc
	Dungeness	" Cloud Cu 3 RSt 10. 1h 2500 (CuNb5 RSt 10)
	Harrogate	18h Bar 1007.2mb
	Pembroke	" Weather c.
	Croydon	" Bar: 1003.6mb.
	Falmouth	" Hum 85%
	Hampstead	Min 33° grass Min 29°
	Pembroke	7h Cloud StCu 3 ACu 7
	Edinburgh	Sun 6 Shrs.
	Liverpool	Day rain 0.2mm.
	Winchester	Weather 18-1h cmc
	Clacton-on-Sea	Rain began 2.30.
	Lympne	grass Min 38°
	Croydon	Day rain Trace.
10th	Wick	13h Temp 38°
	Plymouth	" Bar change -1
	Donaghadee	18h Weather bc/phr.
	Clacton-on-Sea	" Temp 37°
	Plymouth	" Cloud height 4000' Night rain 2mm.
	Dungeness	13h Cloud Cu 2 RSt 8.
	Holyhead	1h Weather bc/prh.
	Pembroke	" " cq
	Lympne	" Bar change -1. 7h +2
	Donaghadee	7h Sea 6.
	Spurn Head	" Weather bct Cloud Nb 7.
	Lympne	" Hum: 75%
	Leuchars	Weather 7-13h cbyrssx.
	Cranwell	" 13-18h plcb.
	Shoeburyness	Max 45°
	Clacton-on-Sea	Sun 2.5hrs
	Felixstowe	Max 45°
	Eskdalemuir	Sun 3.9hrs
11th	Berwick	13h Weather bc 18h bc
	Birmingham	13h Bar 1005.1mb
	Wick	1h Temp 35°
	Dungeness	" " 37°
	Berwick	7h Hum: 85%
	Leafield	" Wind NW.
	Southport	Max 42°
	Ross-on-Wye	grass Min 18°
	Clacton-on-Sea	Sun 4.0hrs.
12th	Tynemouth	18h Weather bc/rs
	Harrogate	" Cloud ACu 3
	Birmingham	" Temp 36°
	Regents Pk	Sun 6.0hrs.
	Spurn Head	1h Weather c/pr. Sun 1.9
	Ross-on-Wye	7h Hum 75%
	Nairn	Weather 18-1h cbchp 1-7h Spbc
	Birr Castle	Night rain 0.2mm
	Winchester	Weather 18-1h b.bx.
	Dungeness	" 1-7h bbcozx
13th	Berwick	18h Vis 7. 1h Cloud Cu 2 ACu 4
	Clacton-on-Sea	" " 6
	Westminster	44. 40. 23. 2mm. 3.0 81. 82
	Camden Square	c cqc 46 33 28. 1 -.
	Dungeness	7h Temp 33° Min 33°
13th	Wick	Max 42° Min 32°
	Aberdeen	Weather 1-7h c. cpr. Night rain 0.4mm
	Tynemouth	Rain began <800.
	Calshot	Min 34°
14th	Tiree	13h Cloud height 2500'
	Birr Castle	" Temp 26° Max 34°
	Spurn Head	" " 41°
	Pembroke	" Weather c
	Tynemouth	18h Hum 85%
	Colwyn Bay	bcc coc 34 47 - - 0.1
	Eskdalemuir	Weather 1-7h bxc
	Leafield	Max 41°
	Lympne	Min 28°
	Guernsey	Night rain 2mm.
15th	Berwick	13h Hum 92% Night rain 2
	Leafield	" Cloud Cu 3 RSt 10.
	Edinburgh	18h Bar 1016.5 Weather ct Stg
	Tynemouth	" Wind force 2. 7h Hum 92
	Kew	grass Min 39°
	Leafield	7h Weather c
	Blackpool	Min 40°
16th	Croydon	Rain began <21.00
	Berwick	13h Cloud height 4000' 1h Vis 8
	Pembroke	" Temp 52
	Calshot	" Bar 1022.4.
	Dungeness	" Temp 51°
	Tiree	18h Vis 6. 7h Bar 1009.3
	Greenwich	52. 43. 34 - Trace 0.1 73 88
	"	17.15 to 6.15. 13h 0m 1h 26m 11%
	Pole Star	" " - - " " 0h 38m 52
	Littlehampton	c cpc cbc 39 50 - 0.2 0.2
	Stornoway	Day rain Trace.
	Birr Castle	grass Min 31°
	Cranwell	Max 46°
17th	Donaghadee	13h Wind force 2.
	Pembroke	" Weather bc
	Ross-on-Wye	" Wind force 3 18h SSE
	Greenwich	bc cb bucbbcc 53 37 26 -- 1.2 78% 98% Vis 4
	Birmingham	18h Cloud height 2500'
	Leafield	" Bar 1022.6mb.
	Scilly	" Cloud StCu 5.
	Pembroke	7h Weather c
	Ventnor	Afternoon Weather p.
	Littlehampton	Min 43°
	Eskdalemuir	Weather 13-18h o.om.
18th	Stornoway	18h Bar 1009.7mb
	Holyhead	" Wind SE'E
	Liverpool	" " ESE Bar 1011.6
	Roches Pt	" Cloud Tlb 9
	Leafield	" Wind SE'E
	Dungeness	" Sea 5.
	Tynemouth	1h Temp 47°
	Pembroke	" Weather c
	Tiree	7h Wind force 7
	Malin Head	" Temp 47°
	Kew	" Cloud St 9
	Plymouth	" Cloud height 800'
	Penzance	Day rain Trace
	Berwick	Max 48°
	Wick	" 50°
	Donaghadee	" 52°
	Roches Pt	Min 45°
	Plymouth	Rain began <2100.
	Dungeness	Min 43°
19th	Harrogate	13h Weather c/d.
	Plymouth	" Cloud St 4 RSt 10
	Wick	18h Temp 47°
	Birr Castle	7h Cloud height 3000'
	Valentia	" Bar 1000.2mb
	Renfrew	Weather 7-13h o2dy 13-18h o4rrs
	Birr Castle	Min 27°
	Cranwell	Weather 7-13h odir.
	S. Jarboro'	Min 43°
20th	Malin Head	13h Wind force 5
	Birr Castle	" Temp 37°
	Ross-on-Wye	" Wind E'N.
	Clacton-on-Sea	18h Weather or
	Westminster	50. 43. 34. 2mm.

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON.

BRITISH SECTION. CORRECTIONS AND ADDITIONS, November 1927.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
20th	Camden Square	Ag. 43. 42. 0·1 – 96%
	Hampstead	Sun 0·0 hrs
	S. Kensington	Pollution 2·0 15h 19th 2·0 3 2h 20th
	Greenwich	17h to 6h.30m 13h 30m 5h 30m 42%
	Pole Star	" " " " " 4h 32-34
	Berwick	1h Weather oR-
	Spurn Head	" " or
	Calshot	" Wind SE° S
	Harrogate	7h " E4 od 42° 97%
	Heacfield	" Weather C-
	Dungeness	" Temp 48° Cloud St Cu 9
	Winchester	Weather 18-1h orrcbc 1-7h bcepr
21st	Holyhead	13h Bar 1003·1 mb.
	Liverpool	18h Temp 41°
	Spurn Head	" " 43°
	Pembr	18h Weather c Cloud StCu 1 ASt 9
	Greenwich	Rain (day) 5 (night) 9
	Wick	1h Weather cir
	Valentia	7h Temp 45°
	Pembroke	" Hum 97% Sea 2
	Chester	Weather 13-18h cmo 18-1h od 0.0 m
	Cranwell	Min 39 Grass Min 38°
	Pembroke	" 43° Night rain 5 mm
	Kew	Grass Min 42°
22nd	Malin Head	13h Bar 1010·9 mb
	Eskdalemuir	" " 1012·8 " 18h Mon 22
	Portland Bill	" Weather odd.
	Wick	18h Temp 45°
	Leuchars	" Bar 1017·3 mb
	Dungeness	" Wind Force 4 Temp 53° Cloud Nb 9
	Cranwell	1h Bar 1009·3 mb Temp 40°
	Birr Castle	7h Cloud Cu 2 ASt 10
	Spurn Head	" Wind force 4.
	Brighton	Max 57°
	Leuchars	Weather 13-18h po or
	Liverpool	Max 40°
	Chester	Weather 18-1h od 0.0 m 1-7h or 0.0 m
	Clacton-on-Sea	Night rain 0·2 mm
23rd	Stornoway	13h Wind force 7.
	Leuchars	State of ground 2. (13h)
	Malin Head	18h Hum 92%
	Clacton-on-Sea	" Cloud height 5000'
	Harrogate	7h Cloud height 2500'
	Ross-on-Wye	" Weather mmo
	Dungeness	1h Cloud ASt 10. Max 55
	Tiree	Night rain 0·1
	Edinburgh	" " Trace.
	Winchester	Max 50°
24th	Berwick	13h Bar change -13
	Edinburgh	" " 1004·6 mb.
24th	Holyhead	13h Weather c/r
	Birmingham	" " mmo Cloud 800'
	Winchester	13h " om
	Dungeness	" Temp 39° 7h Cloud 1500'
	Birr Castle	18h Bar 998·9 mb
	Spurn Head	1h Weather or
	Pembroke	7h Sea 1
	Felixstowe	" Temp 46°
	Aberystwyth	Min 43°
	Rockes Pt	Weather 13-18h orroid
	Plymouth	" 1-7h orrcm
	Dungeness	Max 39° Min 37°
25th	Birr Castle	13h Weather bct Cloud StCu 4 Cu Cu
	Berwick	18h Bar 998·6 mb
	Birr Castle	" Temp 46°
	Donaghadee	" Sea 1.
	Pembroke	" Temp 51°
	Wick	1h Cloud height 2000'
	Dungeness	" Weather mmb Max 53
	Bath	Sun 0·1 hrs
	Aberdeen	Weather 13-18h b
	Heacfield	" 7-13h r ocbc
26th	Wick	13h Cloud StCu 3 ASt 6
	Liverpool	" Vis 7.
	Cranwell	" Bar 1029·4 mb.
	Dungeness	" Cloud Cu St 2
	Nairn	18h Weather bc Cloud StCu 5
	Eskdalemuir	" Wind SSW.
	Cranwell	" Cloud Nb
	Lympne	7h Temp 42°
	Shoeburyness	Weather 1-7h bfgx. Grass Min 21°
	Plymouth	" " out of order
27th	Birr Castle	13h Cloud Nb 6 ASt 9
	Cranwell	" Hum 85%
	Shoeburyness	" Vis 0.
	Dungeness	" Cloud height 800'
	Westminster	Ag. 33. 29 – – 0·0 97% 96%
	Greenwich	17h to 6h 30m 13h 30m Nil. Nil.
	Pole Star	" " " "
	Spurn Head	1h Weather fgo
	Wick	7h Bar 1014·6 mb
	Roches Pt	" Wind W.
	Heacfield	" Bar change -1 Wind NNW Weather od d Bar 1024·6
	Winchester	Bar 1024·8 -2 NE1 fgo
	Southport	Min 37°
	Renfrew	Weather 7-13h cq/irm
	Pembroke	" 1-7h cd Night rain Tr
	Winchester	" 13-18h bcoff
	Dungeness	Max 47°
28th	Berwick	13h Bar 1013·4 mb
	Wick	" Temp 46°
28th	Dungeness	13h Cloud height <150
	Renfrew	18h Weather mb
	Heacfield	" " fc-
	Croydon	" " fc-
	Felixstowe	" Hum 95%
	Dungeness	" Cloud height 450'
	Westminster	Ag. 38. 33. – – 0·0 94% 92%
	Dungeness	1h Weather FFo
	Wick	7h Temp 45°
	Tiree	" Wind force 8.
	Tynemouth	" Vis 5.
	S. Barnboro'	" Weather fgo
	Croydon	" " fgo
	Dungeness	" FFo Cloud <150
	Southport	Min 36°
	Nairn	" 35°
	Renfrew	Weather 18-1h b.bm Night rain Trace
	Leuchars	Weather 13-18h bcb.
	Tynemouth	" " oir
		Rain 0·1 Began 12h 30m
	Chester	Weather 7-13h cd cm.
29th	Wick	13h Cloud Nb
	Spurn Head	" Temp 40°
	Birmingham	" Weather bom Cloud St 7
	Greenwich	0 fz 0 fod b bcordr 45. 44. 29 - 6 0·0 96% 98% Vis 4.
	" Pole Star	17h to 6h 30m 13h 30m 3h 0m 22% " " " " " 2h 58m 22%
	Dungeness	18h Cloud height 220' 7h 800'
	Berwick	1h Wind W
	Pembroke	" Cloud St 10.
	Tiree	7h Weather b/pr
	Liverpool	" Temp 44°
	Harrogate	" Wind NNW.
	Pembroke	" Weather bc
	Ross-on-Wye	" Hum 85%
	Clacton-on-Sea	" Temp 44°
	Calshot	" " 49°
	Holyhead	Weather 18-1h rro
	Guernsey	Max 50°
30th	Wick	13h Temp 40°
	Malin Head	18h Cloud Cu 4.
	Birr Castle	" Temp 37°
	Wick	1h Wind WNW. Temp 31°
	Spurn Hd	" Bar 1030·1 mb.
	Pembroke	" Weather b 7h Hum 97 Vis 8
	Blacksod	7h " b-
	Bath	Night rain 15 mm.
	Stornoway	Day " 1 "
	Birr Castle	Weather 1-7h boff
	Portland Bill	Max 53°
	Dungeness	" 47°

II.—ADDITIONS.

Report for	STATION.		Barom. at M.S.L. m.b.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9	Summaries for the Past 24 Hours. Weather. 7h.-13h.	13h.-18h.	18h.-1h.	1h.-7h.	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass.	Rainfall.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	Sun. Above
2nd	Dungeness	18h	1025·8	-3	SW	4	c	35	85	8	1500	Cu	4	A St	10	5		c						–		–	
7th	Stornoway	1h	999·2	+2	N	6	1ph			7																	
	"	7h	999·4	+2	N	6	bc/pb	35	85	7	4000	Cu Nb	7	-	7	5					44	33			6	–	0·6
8th	"	13h	1000·3	-1	NNE	4	bc/ph	38	65	7	4000	Cu Nb	7	-	7	½											
	"	18h	1000·7	-1	N	6	c/ps	34	97	7	4000	Cu Nb	8	-	8	5											
	"	1h	1005·4	+5	N	6	/pts			7																	
	"	7h	1006·9	+2	N	3	od/sh	34	75	7	4000	Cu Nb	4	A Cu	6	2				S-TS	38	30		2	6	–	3·0
9th	"	13h	1009·4	0	NNE	3	bc TS	37	85	7	4000	Cu Nb	7	-	7	½	c										
	"	18h	1008·7	-1	N	1	c	36	85	7	4000	Cu Nb	9	-	9	1		c									
	"	1h	1005·7	-2	N	3	b-			8																	
	"	7h	1004·7	-1	NNW	4	c/sh	42	65	7	2500	Nb	9	-	9	2				h-Th	39	35		0·2	1	–	3·9
10th	"	13h	1001·2	-3	NNW	5	bc/sh	38	85	7	4000	Cu Nb	7	-	7	½	p										
	"	18h	1000·0	0	N	6	bc/ph	37	92	7	4000	Cu Nb	7	-	7	5											
	"	1h	1006·1	+3	N	5	bc			8								h-Th									
	"	7h	1006·7	+2	N	4	c/ph	35	85	7	4000	Cu Nb	8	-	8	3			b-bc	Th	44	33		3	3		0·6
11th	"	13h	1009·5	+1	N	4	bc/ph	38	65	8	4000	Cu Nb	7	-	7	½	Th										
	"	18h	1011·3	+2	N	5	c/ph	36	85	7	4000	Cu Nb	8	-	8	4		Th									
	"	1h	1012·6	0	N	4	c			7									c								
	"	7h	1012·2	0	N	2	c	35	75	7	2500	St	6	A Cu	8	1				c	39	33		1	0·3		2·7
12th	"	13h	1013·0	0	-	0	c	41	85	8	2500	St Cu	8	-	8	½	c										
	"	18h	1015·2	+3	-	0	c	38	65	7	4000	St Cu	9	-	9	0		c									
	"	1h	1019·9	+4	NE	3	c			8						½			c								1·0
	"	7h	1024·0	+4	-	0	bc	30	85	7	4000	Cu	3	A St	5	0				cbc	41	28		–	–		
13th	"	13h	1026·7	+2	-	0	bc	43	65	8	2500	Cu	2	A St	5	½	c										
	"	18h	1026·8	0	-	0	c+	40	85	7	4000	St Cu	10	-	10	0		c						–			

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, November 1927.

II.—ADDITIONS. – continued.

Report for	STATION.		Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-8	Weather. 7h.-13h.	13h.-18h.	18h.-1h.	1h.-7h.	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass.	Rainfall.† Day. 7h.-18h.	Night. 18h.-7h.	Precipitation began.	Sun. Hours
13th	Stornoway	1h	1026·2	-1	NW	3	c			8																	
14th	"	7h	1025·1	-1	-	0	c	44	85	7	4000	St Cu	10	-	10	0			c								
	"	13h	1024·3	-1	-	0	c	48	85	7	4000	St Cu	10	-	10	⁂	co			p	43	39			0·5	-	5·5
	"	18h	1023·8	-1	-	0	ot	44	92	7	2500	St	10	-	10	0		co									
	"	1h	1022·1	-2	W	2	lpr			6									D								
15th	"	7h	1017·7	-4	WNW	3	ot	46	92	7	1500	St	10	-	10	2				r-d	48	42			4	-	0·0
	"	13h	1018·1	0	NNW	1	bc	45	85	8	4000	Cu Nb	4	-	4	⁂	p										
	Ross-on-Wye Stor. Way	18h	1023·8	-1	NW	2	bc	48	65	8	4000	St Cu	3	Cu	4	⁂	c. bc										
	"	1h	1018·2	0	NNW	1	bc	42	85	8	4000	Cu Nb	3	-	3	1		p									
	"	7h	1017·4	0	NW	3	lpts			7									r-d								
16th	"	13h	1015·6	-1	-	0	bc	35	97	6	2500	St Cu	7	-	7	0				c	47	33		0·6	2	-	3·7
17th	"	18h	1011·1	-1	SSE	1	o	43	75	7	1500	St	10	-	10	0		cp						Trace		-	
21st	Calshot	13h	1023·5	-3	WSW	3	bc-	52	85	7	4000	Cu	2	A Cu	6	0	cbc										
24th	Schiedemuir	7h	1010·3	+2	NE'E	6	oIr	39	85	6	800	St	10	-	10	⁂				asdom		37	37		0·2	<2100	0·0
	Tiree	13h	995·9	-8	S'W	7	orr	46	97	7	1500	Nb	10	-	10	⁂	rro										
	"	18h	988·2	-8	S'W	8	or	50	97	7	800	Nb	10	-	10	7		rro						13		<800	
25th	"	7h	1003·3	+5	W	5	bcjp	47	85	8	1500	Cu Nb	4	-	4	4			robc	bcjp	50	45	39		3	<2100	0·0
	Tynemouth	18h	1025·1	+3	WNW	1	blr	42	85	7	1500	St	2	-	2	1		airig						0·1		12·30	
26th	Calshot	1h	1022·7	-4	SW'S	3	ct	50	92	8	1500	St	9	-	9	⁂											

‡ The barometric change is expressed in half millibars.

UPPER AIR SUPPLEMENT, CORRECTIONS AND ADDITIONS,

II.—ADDITIONS. (a) UPPER WINDS:

Place.																																							
Date and Time.																																							
Feet.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.
1000																																							
3000																																							
5000																																							
7000																																							
10000																																							
15000																																							
17000																																							

Place.																																							
Date and Time.																																							
Feet.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.	Dir. °	Speed m.p.h.
1000																																							
3000																																							
5000																																							
7000																																							
10000																																							
15000																																							
17000																																							

(b) UPPER AIR TEMPERATURES

Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %	Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %	Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %	Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %	Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %	Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %	Station.	Pressure.	Height.	Temp. Dry.	Temp. Wet.	Rel. Hum. %
	mb.	Ft.	°F.	°F.			mb.	Ft.	°F	°F			mb.	Ft.	°F.	°F.			mb.	Ft.	°F.	°F			mb.	Ft.	°F	°F			mb.	Ft.	°F.	°F.			mb.	Ft.	°F.	°F.	
St Tarnborough 16h 15/11/27	1021	-	-	-	-	Malta 7h 17.11.27	1001	660	55	-	75																														
	1012·5	230	46	-	-		966	1040	51	-	65																														
	977	1210	46	-	-		910	3280	44	-	75																														
	944	2200	43	-	-		855	4920	39	-	65																														
	906	3210	38	-	-		803	6560	33	-	35																														
	874	4180	33	-	-		755	8200	30	-	45																														
	843	5100	30	-	-		709	9840	29	-	55																														
	812	6090	27	-	-		624	13120	22	-	66																														