M.O FORM 2373

AIR MINISTRY.

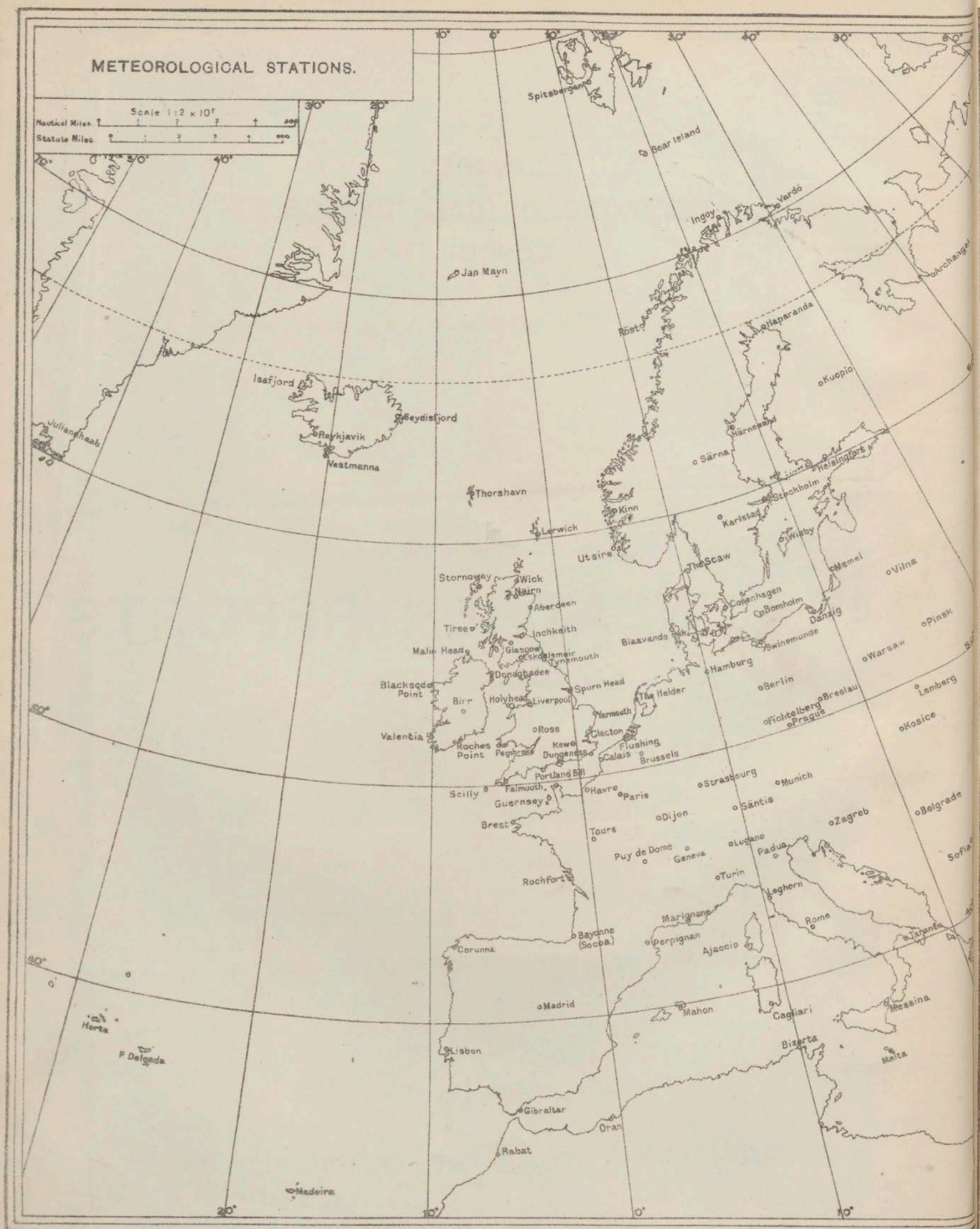
METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

1ST JANUARY TO 31ST MARCH, 1928.

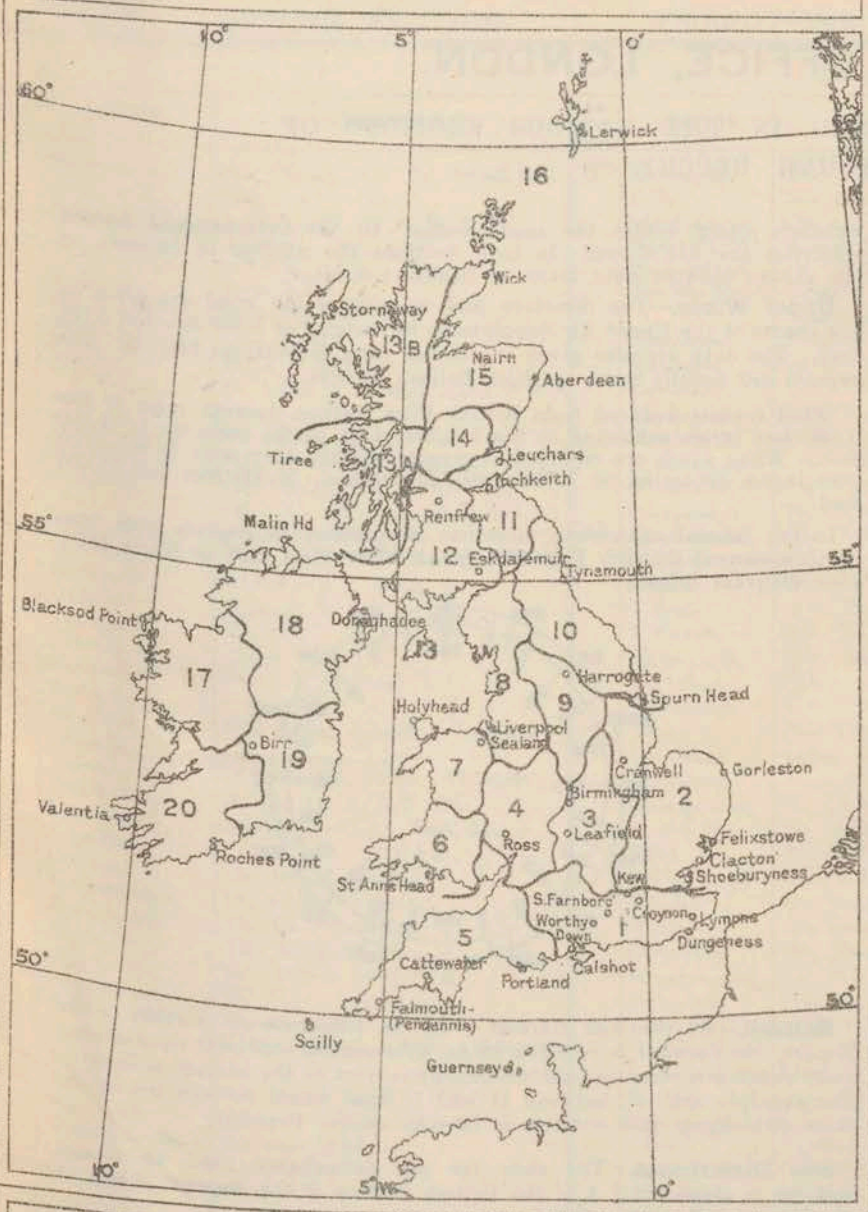
METEOROLOGICAL STATIONS.



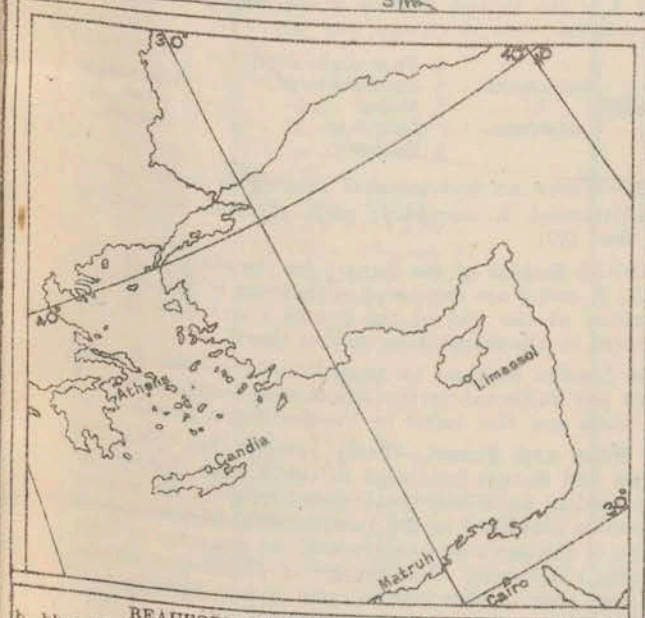
H.M. Stationery Office Press, Kingsway, W.C.2

P2. 47334/1704. Wt. 35A. D. 5112. 895.

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.
l 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.

THE BEAUFORT SCALE OF WIND FORCE.

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at Land Stations.	Limits of Mean Velocities Statute Miles per Hour.
0	Calm	Calm; smoke rising vertically	Less than 1
1	Light air ...	Direction of wind shown by smoke drift	1–3
2	Slight breeze ...	Wind felt on face; leaves rustle	4–7
3	Gentle breeze ...	Leaves and small twigs in constant motion; wind extends light flag	8–12
4	Moderate breeze	Raises dust and loose paper; small branches are moved ...	13–18
5	Fresh breeze ...	Small trees in leaf begin to sway; crested wavelets on inland waters...	19–24
6	Strong breeze ...	Large branches in motion; whistling heard in telegraph wires	25–31
7	Moderate gale ...	Whole trees in motion; inconvenience felt when walking against wind	32–38
8	Fresh gale ...	Breaks twigs off trees; generally impedes progress	39–46
9	Strong gale ...	Slight structural damage occurs (chimney pots and slates removed)	47–54
10	Whole gale ...	Seldom experienced inland; trees uprooted	55–63
11	Storm	Very rarely experienced; accompanied by widespread damage	64–75
12	Hurricane ...	... ...	Above 75

GALE WARNINGS.

The Meteorological Office issues warnings to ports and fishing stations of gales on or near the coasts of the British Isles. When one of these notices has been received at a station a black canvas cone is hoisted.

The *South Cone* (point downwards) is hoisted for gales from S.E., veering to S.W., W. or N.W.
" S.W., veering to W. or N.W.
" W., veering to N.W.
" E., veering to S. or S.W.

The *North Cone* (point upwards) is hoisted for gales from S.E., E. or N.E., backing to N.
" N.W., veering to N., N.E. or E.
" N., veering to N.E. or E.
" N.E., veering to E.

The Signals remain hoisted after the receipt of a warning telegram until danger of a gale is passed.

The Districts to which warnings are sent are shown in the British Section of the Daily Weather Report by the following symbols:—

▼ South Cone hoisted.
▲ North " "..

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.

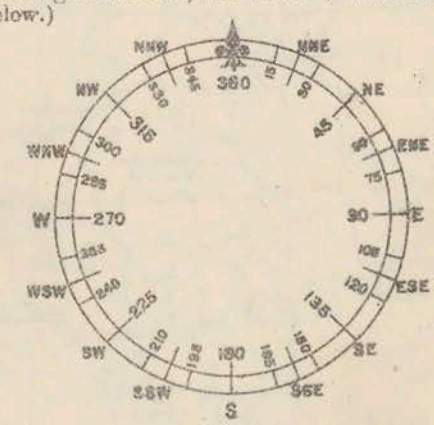
The broken lines marked Saturated Adiabatic show lapse rates for saturated air. These are for air masses which contain just sufficient moisture at 1,015 mb. pressure to become saturated after rising 1 km. in an environment having the dry adiabatic lapse rate. The condensed moisture is assumed to be retained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

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 JANUARY, 1928.

In striking contrast to the cold, exceptionally snowy weather experienced at the end of December 1927, January was predominatingly mild. The winds were mainly southwesterly, repeatedly strong and frequently of gale force while rainfall was much above the average though sunshine values were often good for the time of year. A few interesting records are mentioned below.

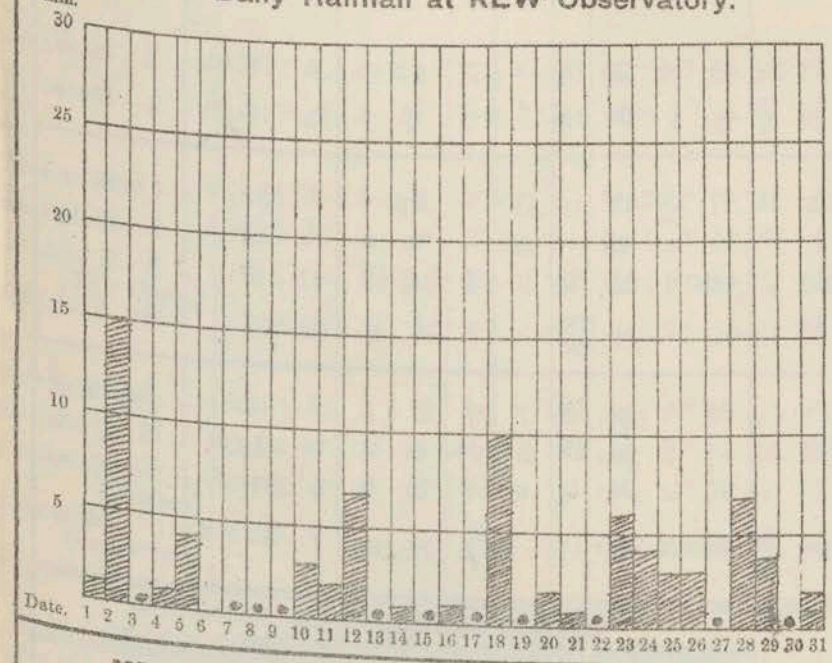
Some sharp frost occurred in the early morning of the 1st., Eskdalemuir registering a minimum of 11°F. but the passage of a deep depression off Ireland caused a general rise in temperature and heavy rain in the Southwest. Further frost, though seldom severe, occurred sometimes at night in the fair periods between the depressions but the latter passed in such rapid succession (generally to the northwestward of our islands) that there was no spell of quiet, frosty weather.

On the 6th. a depression deepened near the Hebrides and moved southeastwards across the North Sea to Denmark causing very high wind velocities, gusts of over 80 m.p.h. being recorded at Fleetwood, Southport and Spurn Head. Among the other occasions of rough weather may be mentioned the 10th. and the 23rd. to 25th. on each of which dates gusts of about 75 m.p.h. occurred at one or more of our anemograph stations.

Rainfall for the 24 hour period amounted to over 30 mm. locally during the first few days and again on the 12th., 18th. and 23rd. The totals for the month shewed an excess at all the stations included in this summary and were in many cases more than double the average. At Stornoway in the Hebrides 268 mm. constituted the largest January total there since records began in 1873 while 394 mm. at Eskdalemuir was a record for any month since observations began in 1911.

The total sunshine for the month was also above the average in many parts, an excess of nearly 30 hours being shewn at Phoenix Park, Dublin, while at Ross-on-Wye it was the sunniest January since records began there 14 years ago.

Daily Rainfall at KEW Observatory.



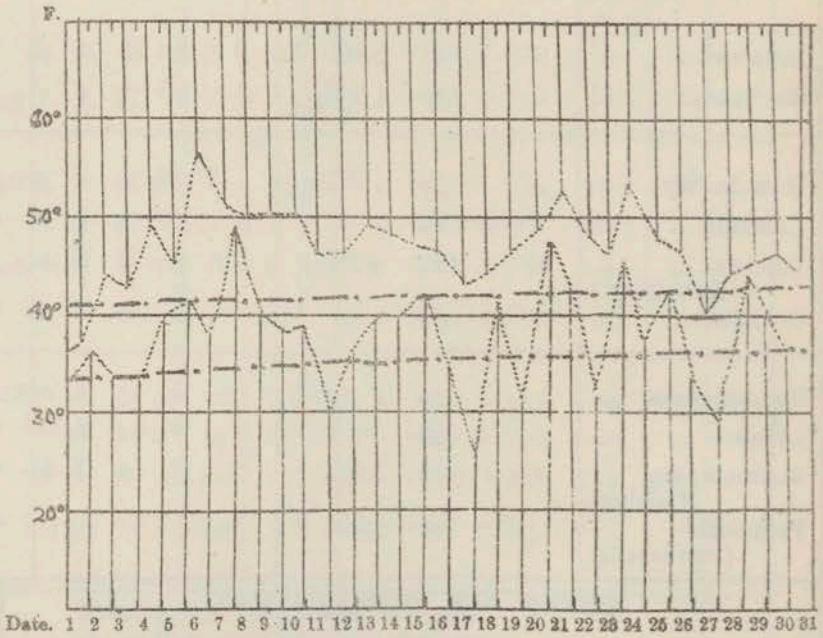
TEMPERATURE.

The pocked 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 0·5 mm.
Total for month 79 mm.

Daily Range of Temperature at KEW Observatory.

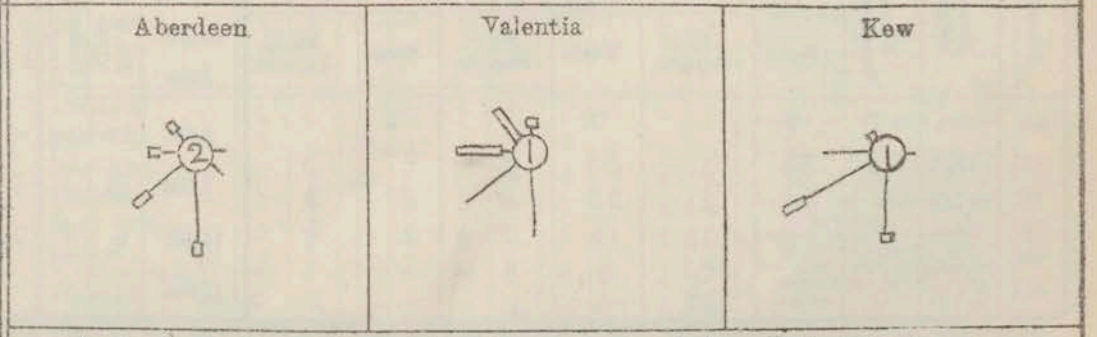


MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F	°F.
Aberdeen	1000·5	−10·7	39·5	+1·4
Valentia	1009·8	−5·2	46·4	+2·0
Kew	1013·0	−4·6	42·4	+3·4

* 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: 10 mm. to 10 observations.
The figure in the centre of the circle gives the number of calms.

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

Pa. 498/1635. Wt. 93. D.1511. 665. 2/28

SUMMARY OF RECORDS OF TEMPERATURE, SUNSHINE,

	TEMPERATURE.																				LOW CLOUD.								
	Number of daily readings within fixed limits.										Extremes—Warmest and Coldest.									Number of observations within fixed limits.								
											Days.				Nights.					7H.			13H.			18H.		
	† Maximum.					† Minimum.																						
	32° or below	33 — 41	42 — 50	51 — 59	Normal Max.	23 or below	24 — 32	33 — 41	42 — 50	51 — 59	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.											
Stornoway ...	0	8	22	1	43·7	0	3	25	3	0	34·9	51	21	36	26	45	21	29	27	*	1	29	0	1	30	0	0	30	0
Aberdeen ...	0	11	20	0	42·3	0	3	28	0	0	33·2	50	21	37	1	41	24	30	1, 23	13	0	22	0	2	25	1	1	18	1
Edinburgh ... (Inchkeith)	0	6	22	3	*	0	1	29	1	0	*	56	21	35	1	42	13	26	1	3	14	7	0	10	13	0	11	12	0
Renfrew	0	6	23	2	*	1	7	21	2	0	*	53	21	35	1	43	13	19	1	11	6	20	2	4	25	1	5	21	2
Eskdalemuir ...	1	13	17	0	*	1	14	16	0	0	*	50	6	32	1	40	13	11	1	15	9	21	0	11	18	0	10	19	0
Dublin ... ... (Phœnix Park)	0	2	16	13	45·7	0	6	23	2	0	34·6	55	20, 21	41	26, 30	46	20	24	17	15	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	2	20	9	45·2	0	5	22	4	0	34·3	55	21	39	26	47	20	29	1, 17	16	5	24	0	2	28	0	2	29	0
Valentia ... ... (Cahirciveen)	0	0	17	14	48·5	0	0	12	19	0	40·2	54	1	44	26	50	20	34	1	0	6	25	0	6	25	0	2	29	0
Tynemouth ...	0	4	25	2	43·5	0	3	25	3	0	33·6	55	21	35	1	44	13	30	1	9	6	25	0	2	29	0	6	25	0
Holyhead ...	0	0	29	2	45·2	0	1	13	17	0	38·4	53	6	42	1	45	13, 16	31	1	1	0	30	0	9	21	0	5	22	1
Liverpool ... (Bidston) ...	0	5	22	4	43·3	0	1	27	3	0	35·3	56	21	34	1	45	24, 13	29	1	(9)	1	29	0	1	29	0	0	27	0
Cranwell	0	7	21	3	*	0	11	16	4	0	*	54	6	33	1	43	24	26	18	10	7	20	0	6	18	0	8	19	0
Gorleston ...	0	7	21	3	41·8	0	5	23	3	0	33·7	56	24	38	1, 12	49	8	30	28	8	2	19	3	2	18	3	6	15	3
Ross-on-Wye ...	0	1	27	3	43·8	1	2	24	4	0	33·2	57	6	35	1	47	8, 24	17	1	13	0	27	1	0	30	0	1	22	0
Leafield	1	3	25	2	*	0	10	18	3	0	*	53	6	31	1	44	8	25	1	14	6	20	3	6	22	1	5	18	2
London ... ... (Kew Obsy.)	0	2	25	4	43·1	0	5	18	8	0	34·6	56	6	37	1	49	8	26	18	11	8	(16)	(3)	13	11	1	9	12	1
Croydon	0	3	24	4	*	0	5	19	7	0	*	55	6	36	1	48	8	29	18, 28	10	9	14	3	13	14	1	14	6	0
Shoeburyness ...	0	3	26	2	42·8	1	6	19	5	0	33·7	56	6	37	1	48	8	22	18	7	2	17	2	3	18	1	3	18	0
Lympne	0	6	24	1	*	0	9	17	5	0	*	54	6	35	1	47	8	26	28	9	14	12	0	16	12	0	15	7	0
Southampton ... (Calshot)	0	1	28	2	*	0	5	19	7	0	*	55	6	38	1	46	21	28	1	11	3	19	0	6	24	1	7	18	0
Falmouth ... (Pendennis)	0	0	18	13	*	0	0	9	21	1	*	53	6, 9, 21, 24	46	3, 27, 30	51	24	36	1	*	2	29	0	1	30	0	1	30	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	1800	33	39	21	39	5	37	3
850	4,690	26	30	21	29	5	27	3
750	7,910	18	21	21	19	5	21	3
650	11,510	7	9	21	9	3	-	-
550	15,620	−6	−3	20	−3	2	-	-

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	27	-	10	13	4	-	41	2	14	21	4	-	46	-	16	25	5	-
5,000	13	1	6	6	-	-	5	-	2	2	1	-	10	2	3	5	-	-
10,000	6	1	2	3	-	-	-	-	-	-	-	-	1	-	-	-	1	-
15,000	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

† 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.

METEOROLOGICAL OFFICE: AIR MINISTRY, KINGSWAY, W.C.2.

RAINFALL, HUMIDITY AND LOW CLOUD, ...JANUARY....., 1928.

	SUNSHINE.											RAINFALL.													
	Number of Days with duration.					Maximum Duration.		Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	Number of days with amount.‡						Maximum fall in 24 hrs.		Total for past 12 months.	Difference from Average.	Total for Month ‡	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
	Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Hours.	Date.					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.						
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	13	16	2	0	0	5·1	27	1312	+ 53	35	+7	0	3	7	18	2	1	27	10	1279	+13	268	+137	1	8
Aberdeen ...	11	12	7	1	0	6·3	27	1214	−173	54	+6	6	10	8	6	1	0	21	18	901	+153	97	+42	0	7
♮Edinburgh ... (Inchkeith)	8	17	5	1	0	7·1	27	1372	*	54	*	5	10	13	2	1	0	19	18	771	+217	78	+44	1	7
♮Renfrew	11	14	5	1	0	6·6	27	1230	*	47	*	5	1	5	18	1	1	30	18	1258	+333	241	+153	0	7
♮Eskdalemuir ...	14	15	0	2	0	6·9	27	1117	*	28	*	3	2	4	10	9	3	41	12	1933	+504	394	+257	0	9
Dublin ... ... (Phœnix Park)	7	9	12	3	0	7·0	27	1425	−82	86	+29	6	6	14	5	0	0	9	25	854	+149	72	+14	0	*
Birr Castle ...	9	10	12	0	0	5·9	22	1344	+1	72	+23	2	6	19	4	0	0	9	25	858	+29	99	+27	1	3
Valentia ... ... (Cahirciveen)	8	14	9	0	0	4·9	3	1354	−91	54	+6	0	1	13	16	1	0	18	1	1396	−18	207	+68	1	1
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	10	8	8	4	1	0	16	18	894	+273	69	+28	0	0
Holyhead ...	9	12	7	3	0	7·5	27	1486	*	67	*	8	4	7	11	1	0	17	12	1047	+159	153	+79	1	0
♮Liverpool ... (Bidston)	9	14	6	2	0	7·3	27	1390	−66	62	+7	9	3	12	6	1	0	17	23	909	+200	116	+62	0	0
♮Cranwell	12	7	12	0	0	6·0	27	1367	*	63	*	11	7	9	4	0	0	13	2	732	+142	76	+32	0	0
Gorleston ...	12	10	8	1	0	6·3	15	1503	*	56	*	11	8	9	2	1	0	23	2	838	+216	76	+32	0	0
Ross-on-Wye ...	11	8	6	6	0	7·0	11, 27	1309	*	75	*	7	8	4	11	1	0	16	21	908	+190	118	+56	0	0
♮Leafield	12	6	11	2	0	7·5	19	1357	*	71	*	6	7	10	8	0	0	15	1	941	+247	105	+52	0	2
London ... ... (Kew Obsy.)	13	6	11	1	0	7·3	19	1323	−152	58	+15	9	6	11	4	1	0	15	2	843	+237	79	+34	0	0
♮Croydon	12	9	8	2	0	7·3	19	1426	*	61	*	8	7	10	5	1	0	20	2	916	+237	91	+39	0	1
Shoeburyness ...	10	12	6	3	0	7·2	19	1593	*	64	*	12	8	7	4	0	0	14	18	661	+181	58	+25	0	0
♮Lympne	12	10	7	2	0	7·2	19	1618	*	56	*	9	3	11	6	2	0	18	2	1045	+321	110	+54	0	1
♮Southampton ... (Calshot)	10	8	10	3	0	7·4	19	1650	*	81	*	10	2	12	3	4	0	24	2	880	+234	128	+76	0	0
Falmouth ... Observatory	11	9	8	3	0	7·1	27	1603	−156	70	+12	1	6	12	7	2	3	38	1	1163	+56	219	+112	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 %.
Aberdeen ...	0	0	8	17	6	0	0	0	0
Renfrew... ...	0	0	7	17	5	2	0	0	0
Eskdalemuir ...	0	2	7	13	9	0	0	0	0
Valentia... ...	0	0	2	4	15	10	0	0	0
Ross on Wye ...	0	0	7	8	10	6	0	0	0
London ... ... (Kew Obsy.)...	0	2	10	5	9	4	1	0	0
Falmouth ...	0	0	9	18	4	0	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	0	25	6	0	0	0	0	0	0
Renfrew... ...	0	0	29	1	0	0	0	1	0	0
Eskdalemuir ...	0	0	22	1	1	0	0	7	0	0
Valentia ...	0	6	25	0	0	0	0	0	0	0
Ross on Wye ...	0	7	23	0	0	0	0	1	0	0
London ... ... (Kew Obsy.)	0	0	29	0	0	0	0	1	1	0
Falmouth ...	*	*	*	*	*	*	*	*	*	*

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).
6=Dew (or wet grass but not wet ground).
8=Skating to-day in 1900 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 and the average rainfall for the other stations marked ♮ have been computed from the records available for these several 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 ..... JANUARY, ... 1928.

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. 66° 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.24146 SUNDAY 1ST JANUARY 1928.

Observations at 13h. G.M.T. 31st (left half of table) — Observations at 18h. G.M.T. 31st (right half of table)

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	1021.8	-2	SSE	4	cjb	40	85	7	4000	StCu	8	-	8	•	1021.3	0	SSE	4	c	41	85	7	4000	CuNb	10	-	10	•
Stornoway	1014.3	0	S	4	c	40	75	7	2500	StCu	9	-	9	•	1016.0	+3	S	4	o	39	85	7	2500	St	10	-	10	3
Wick	1019.3	+1	SSE	6	c	40	92	8	1500	CuNb	8	-	8	•	1019.0	+2	SSW	4	c	39	92	8	2500	StCu	8	-	8	4
Tiree	1015.0	0	SSE	6	o+	36	92	6	800	St	10	-	10	1	1018.0	+4	SSE	6	c	37	92	6	1500	StCu	10	-	10	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.5	•	-	0	bc+	32	85	6	4000	CuNb	7	-	7	•
Aberdeen	1020.7	-1	SSE	3	or₀	40	75	6	1500	Nb	10	-	10	2	1021.6	+1	SSE	4	o/r	39	65	6	1500	Nb	10	-	10	4
Malin Head	1015.4	+2	SW	3	c	38	92	6	5700	StCu	8	ACu	8	•	1018.6	+4	SE	2	b	36	97	7	4000	Cu	1	-	1	1
Renfrew	1019.4	0	E	2	os	30	97	4	800	Nb	10	-	10	7	1021.9	+3	NE	2	c	29	97	5	2500	StCu	8	-	8	•
Edinburgh (Inchkeith)	1018.7	0	SSE	2	bc+	33	75	7	4000	Cu	1	ACu	3	•	1020.5	+1	SSE	2	c+	31	75	6	450	St	5	ACu	8	-
Leuchars	1020.6	-1	SSE	1	bc	37	75	7	2500	StCu	3	-	3	3	1022.3	+3	S	-	b-	29	85	6	-	-	0	ACu	9	•
Eskdalemuir	1019.3	-1	ESE	3	c	36	75	7	2500	St	10	-	10	7	1021.5	+3	N	2	c	27	85	6	1500	St	9	-	9	•
Tynemouth	1020.3	-1	S	2	bc	35	85	6	1500	Cu	4	-	4	•	1021.9	+2	S	1	bc	32	85	6	1500	Cu	4	-	4	4
Blacksod Point	1015.8	+2	W	4	bcv	42	85	9	•	CuNb	5	-	5	•	1019.5	+3	W	1	bc	40	65	8	•	Cu	3	-	3	5
Donaghadee	1017.8	+1	SSE	3	os	35	92	6	2500	Nb	10	-	10	•	1020.7	+4	SW	1	os	35	92	4	1500	Nb	10	-	10	-
Birr Castle	1016.8	•	S	2	b-	36	85	7	2500	Cu	2	-	2	•	1020.6	•	S	1	b	33	92	7	2500	Cu	2	-	2	•
Holyhead	1014.6	-1	NW	6	cr	39	97	6	1500	Nb	8	ASt	9	1	1020.1	+6	NNW	4	c	41	85	8	4000	StCu	9	-	9	4
Liverpool (Bidston)	1017.1	-1	SE E	4	os	39	85	5	2500	St	10	•	10	•	1019.6	+3	SE	1	c d	31	92	4	1500	St	10	-	10	•
Chester (Sealand)	1017.6	-1	SES	4	os	29	85	4	1500	St	10	•	10	7	1019.4	+4	SSE	3	o	30	92	4	800	St	10	-	10	•
Harrogate	1020.3	0	SE	1	ffc	25	92	3	<150	St	3	ACu	8	•	1022.1	+2	-	0	o/m	26	97	5	250	St	10	-	10	•
Spurn Head	1021.0	-1	SSE	4	bc	33	85	5	-	-	0	CiCu	5	•	1022.3	+1	SE	3	c+	33	85	5	-	-	0	ASt	9	2
Birmingham (Edgbaston)	1019.6	-2	SE	2	os	33	85	6	2500	Nb	10	-	10	3	1021.5	+3	SSE	2	os	29	92	5	800	Nb	10	-	10	•
Cranwell	1022.2	-2	SE E	2	mm	33	92	4	2500	StCu	9	-	9	•	1022.2	0	SE E	2	c	27	92	4	1500	St	10	-	10	•
Gorleston	1021.9	0	SSE	3	bc+	35	85	6	4000	StCu	6	-	6	•	1022.6	+1	SW	1	c	33	85	6	4000	StCu	10	-	10	0
Valentia (Cahirciveen)	1020.0	+2	W	4	bc	46	65	8	2500	StCu	6	-	6	1	1022.9	+3	N	2	bc	36	85	8	2500	StCu	3	ACu	4	4
Roches Point	1020.0	+3	NW	3	bc	43	85	8	2500	StCu	3	CiCu	5	•	1023.1	+3	WNW	4	bv	40	85	8	-	-	0	-	0	4
Pembroke (St. Ann's H.)	1017.7	+3	NNW	2	c-	40	92	6	1500	StCu	8	-	8	•	1020.9	+4	NW	4	bc+	43	75	8	1500	Cu	5	-	5	4
Ross-on-Wye	1018.3	-2	NE	1	os-	30	92	4	450	Nb	10	-	10	7	1021.2	+3	WSW	1	b+	27	92	2	-	-	0	-	0	•
Leafield	1019.3	-1	SEE	3	mm	28	85	4	800	St	10	-	10	8	1022.5	+5	-	0	os	28	92	3	800	St	10	-	10	•
Winchester (Worthy Dn.)	1019.0	-3	ESE	2	os	33	85	5	220	St	10	•	10	8	1019.4	+2	NNW	4	os	33	92	5	220	Nb	10	•	10	•
S. Farnborough	1020.2	-3	ESE	2	f	33	85	3	4000	StCu	7	-	7	8	1019.8	-1	ENE	3	of	33	97	4	450	St	10	-	10	•
London (Kew Obsy.)	1020.7	-3	SSE	2	[illegible]	33	75	5	2500	StCu	10	-	10	8	1021.1	+1	ENE	3	[illegible]	34	92	3	-	Nb	10	-	10	•
Croydon	1020.6	-2	SES	2	[illegible]	33	85	5	4000	StCu	9	-	9	8	1020.8	+1	E'S	2	crr	35	92	3	1500	Nb	10	-	10	•
Shoeburyness	1021.6	-1	SE	2	bc	33	97	6	•	-	0	ACu	5	•	1022.2	+1	ESE	2	c+	34	97	6	2500	StCu	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.5	0	SSE	2	c+	35	92	6	5700	StCu	8	-	8	2
Felixstowe	1022.2	-1	SE	3	b	35	65	6	4000	Cu	1	-	1	0	1023.2	-1	SE	3	b	33	75	6	-	-	0	-	0	•
Lympne	1021.3	-1	SE	3	c	32	85	6	4000	StCu	9	-	9	7	1021.6	+1	EN	4	os	33	92	5	1500	StCu	10	-	10	•
Scilly (St. Mary's)	1019.1	+2	NW	5	bc	47	75	8	4000	Cu	5	-	5	•	1022.9	+5	NW	4	b-	45	85	8	4000	Cu	2	CiCu	3	3
Falmouth (Pendennis)	1019.5	+1	WNW	2	bc-	44	75	8	4000	CuNb	4	-	4	•	1023.4	+3	NW	3	c	41	75	8	4000	CuNb	3	-	4	1
Plymouth (Cattewater)	1018.7	+3	NW	4	bc/br	43	85	8	2500	CuNb	7	ACu	7	2	1022.5	+4	NW	2	c	40	85	6	2500	CuNb	1	-	1	•
Portland Bill	1015.4	-4	SSW	5	c	43	85	8	1500	St	6	ASt	9	•	1022.8	+3	NW	4	b	40	85	8	-	-	0	-	0	4
Southampton (Calshot)	1019.3	-3	E	4	or	35	85	4	1500	Nb	10	-	10	7	1018.3	+2	NNW	5	od	37	92	7	1500	Nb	10	-	10	0
Dungeness	1021.3	-1	SSW	1	o+	35	75	6	800	St	10	-	10	•	1021.3	0	S	2	o/r₀	40	85	7	800	Nb	10	-	10	2
Guernsey (Fort George)	1018.6	-2	W	4	cr₀	47	97	7	1500	Nb	8	ASt	10	•	1022.6	+2	WNW	5	bcr	43	75	8	2500	Cu	7	-	7	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather Morning	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.	Humidity 13h. G.M.T. %	Humidity 9h. G.M.T. %	Visibility 9h
		24 HOURS ENDED 9h.			40					YESTERDAY.		TO-DAY.	
Kew / Croydon (24 hours ended 7h.)	18	ofx	pfxorsf	orsfom	35	33	31	2	4	0.0	•	•	
Greenwich (Royal Obsy.)	244	bcsffc	cm, rs	orrssff	35	32	32	2	5	0.2	•	•	
City (Bunhill Row)	149	cfoz	cs₀ rs	orsrsc	33	32	30	1	6	0.2	85	98	3
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Regent's Pk. (Botanic Gdns.)	27	•	•	•	43	38	31		6	0.0	79	89	•
Camden Square	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Kensington Palace	110	ofc	ofos	•	33	7	7		8	•	•	95	•
Hampstead Observatory	80	of	of	•	34	32	29	1	5	•	(At 18h.) (RR.)	100	•
	450	•	•	•	33	24	17	5	4	0.0	•	95	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
Kew Observatory			
Max.	Time.	Min.	Time.

POLE STAR RECORD at Greenwich Obsy.

Exposure from 31st 17 h. 15 m. to 1st 7 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	Nil	Nil
δ Ursae Minoris	13.45	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.

1st & 2nd Jan., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.7 / 8.7	11.56 / 11.57	15.45 / 15.47
Greenwich	8.8 / 8.8	12.3 / 12.4	15.58 / 15.59
Wick	9.5 / 9.5	12.16 / 12.16	15.26 / 15.26
Valentia	8.52 / 8.52	12.44 / 12.44	16.37 / 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. 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.

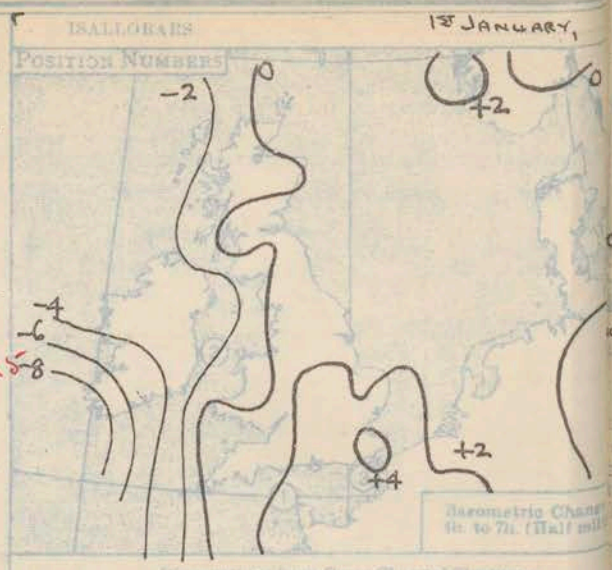
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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 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	cibr	cibr	oircq	cipr	42	38	.	2	<8.00	2	<21.00	0.0
Stornoway	c	o	c	p	40	38	.	—	—	0.2	—	0.0
Wick	c	c	c	b-bc	42	36	.	—	—	—	—	.
Tiree	r.o	prq	oq	pr.co	37	37	36	2	11.00	1	1.30	0.0
Nairn	bc	bc	bcx	bc	35	25	.	—	—	—	—	3.1
Aberdeen	coir	oirh	cbcbm	bm.	41	30	23	0.3	9.00	—	—	0.0
Malin Head	or.c3	o3bc	b	bbc	40	33	.	Trace	<8.00	—	—	1.4
Renfrew	osinc	osmc	cm	com	31	19	10	1	<8.00	—	—	0.0
Edinburgh (Inchkeith)	bbc	bc	bcbmm	bim.	34	26	22	—	—	—	—	~~1.5~~ x 5.8
Leuchars	cbcb	bbc	bx	bx	37	23	16	—	—	—	—	2.0
Eskdalemuir	bcxmc	cosum	cbm.x	bmbm	29	11	7	0.1	13.30	—	—	0.6
Tynemouth	cbc	bc	bcoim	bcom.	37	30	27	—	—	—	—	.
Blacksod Point	phc	pb	bb	po	45	37	.	1	*	Trace	*	.
Donaghadee	owsrs	rsrsm	oirsbcf	cifw	33	30	.	7	<8.00	0.2	<21.00	.
Birr Castle	bcb	bqrs	bcx	bcx	39	29	15	1	14.30	—	—	4.5
Holyhead	rs.rr	rrc	cfm.	cbm.x	41	31	28	3	9.06	Trace	—	0.1
Liverpool (Bidston)	bbcc	osfd	ofdom	om.m	32	29	29	0.3	12.30	0.1	<21.00	0.0
Chester (Sealand)	bfbcxcs	osomc	omfx	offx	30	30	26	0.1	12.30	—	—	0.0
Harrogate	bbcomf	cofsom	o	omm	26	26	25	0.2	14.30	—	—	0.0
Spurn Head	bc	c	o	o	35	32	.	—	—	—	—	0.8
Birmingham (Edgbaston)	cpw	omq	osf	ofm	29	27	26	3	12.30	0.5	<21.00	0.0
Cranwell	orfme	cmx	c	omfe	27	27	27	Trace	13.30	—	—	1.5
Gorleston	bq.bc	bcc	c	c	35	33	29	—	—	—	—	0.0
Valentia (Cahirciveen)	bbc	bcbh	bcb.b	bcpr.	47	34	32	Trace	15.30	1	<21.00	5.4
Roches Point	bbc	bcbv	bbc.o	obc	44	34	.	—	—	—	—	.
Pembroke (St. Ann's H.)	cfom	bc	bcb	b	44	35	.	1	<8.00	—	—	2.2
Ross-on-Wye	osmcbf	omcbf	FFe	fcbm	30	17	16	3	9.00	—	—	0.0
Leafield	com	oss	oscos	co	28	25	?			9	<21.00	0.0
Winchester (Worthy Dn.)	omcom	osmrs	ors.oss	bcboff	35	23	18	1	12.30	4	<21.00	0.0
S Farnborough	ofbcf	cofsm	or.sfo	of	[illegible]	32	31	2	14.30	9	<21.00	0.1
London (Kew Obsy.)	ofx	orforsf	orsfom	om	[illegible]	33	31	2	14.30	4	<21.00	0.0
Croydon	bcfffc	cfrs	orrssff	ofss.s	[illegible]	32	32	2	14.30	5	<21.00	0.2
Shoeburyness	bcm	bco	os.	obcm.	34	25	23	—	—	1	<21.00	~~1.5~~ 2.0
Clacton-on-Sea	fobcf	bccz	cz	cbcz	35	30	28	—	—	—	—	2.7
Felixstowe	bxcbcb	bbcb	bbcx	bccoc	35	28	23	—	—	—	—	3.2
Lympne	cssomc	orfsm	ors.rs.m	ors.rs.m	34	32	32	0.2	<8.00	3	<21.00	0.0
Scilly (St. Mary's)	bcp	bcb.b	bb.	bbcb	47	42	.	Trace	11.00	0.1	<21.00	5.2
Falmouth (Pendennis)	cbcsr	bz	bz	b	47	36	.	1	<8.00	—	—	5.4
Plymouth (Cattewater)	odqfbpr	bcprb	b	brx	46	29	27	5	<8.00	—	—	3.8
Portland Bill	orr3	crb3	bz.	b	46	36	.	4	9.00	—	—	
Southampton (Calshot)	osmcorm	orrmd	cirs.m	cm.cmbcsf	40	28	23	3	11.00	0.2	<21.00	0.0
Dungeness	bgcb	corr	or.rd	oddo?	40	36	.	Trace	<8.00	3	<21.00	.
Guernsey	crr.m	crrcbcq	cbcbc	bv	44	39	.	3	<8.00	—	—	1.4



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
1	31st 12h	Reindeer	S	6	r.r.	46	50
2	" 10h	Hibernia	SSE	4	RR	38	45
3	1st 2h	Dieppe	NE	3	C	42	46

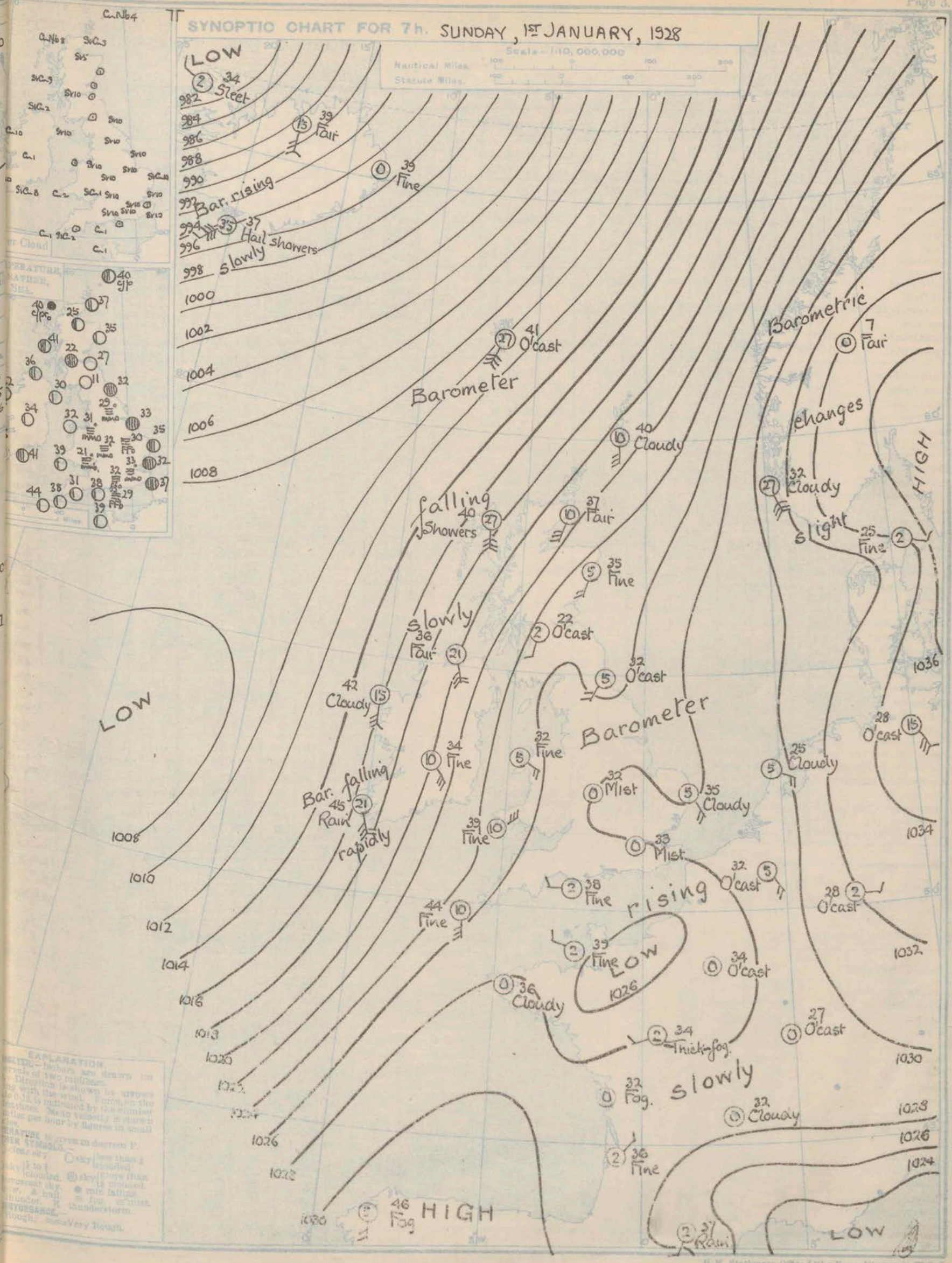
GENERAL INFERENCE.

A deep depression westward of Ireland is spreading east. Winds will become southerly generally with a rising temperature in all districts. Some rain will occur in the West and North, and is likely to extend to eastern districts tomorrow. Fog will occur locally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 1st January, 1928.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind light variable, becoming southerly, moderate or fresh; cloudy, some rain tomorrow, mist with local fog; temperature rising.	
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Strong southerly winds, reaching gale force locally; dull, some rain, mist with local fog; temperature rising.	Mild and unsettled generally.
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man 13. (A. W. Scotland (B. NW Scotland	Wind southerly, fresh to strong reaching gale force on coasts; fair to dull, some rain later, some mist with local fog; temperature rising.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind freshening from a southerly direction, becoming strong later; fair to dull, some rain tomorrow, some mist with local fog; temperature rising.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind between S.E. and S.W., strong to gale; dull, some rain, showers and fair periods later, some mist, local fog; moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1100 G.M.T. G. C. Simpson, F.R.S., Director.

† Trace = rain too little to measure.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Sunday, 1st January 1928. No. 1

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
Lerwick	64	1021.8	0	SE	5	cjp	39	85	7	4000	Nb	5	ASt	10	1021.0	0	S	3	cjp	40	75	7	4000	CuNb	4	ASt	8
Stornoway	30	1019.6	+2	SSW	4	c	*	*	7	*	*	*	*	10	1017.6	-2	S	6	c/pc	40	85	6	4000	CuNb	8	-	8
Wick	81	1020.5	+1	SSW	4	bc	37	85	8	2500	StCu	2	CiSt	4	1020.7	+1	SSW	3	bc	37	92	8	2500	StCu	3	-	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.5	0	SE	5	c	41	97	7	1500	StCu	9	-	9
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.9	*	-	0	bc	25	85	7	1500	St	5	-	5
Aberdeen	46	*	5 *	*	*	*	*	*	*	*	*	*	*	*	1024.2	-1	SSW	2	b	35	85	6	-	-	0	ASt	2
Malin Head	51	1021.7	+1	SSE	2	b	36	97	7	5700	StCu	2	-	2	1018.9	-3	SSE	5	bc	36	92	7	5700	StCu	2	CiCu	3
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.3	0	SSW	1	mo	22	97	4	2500	St	10	-	10
Edinburgh (Inchkeith)	190	1023.7	+4	SSE	2	mb	29	97	4	-	-	0	-	0	1024.2	-1	WSW	1	b	27	92	6	-	-	0	-	0
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.3	+1	-	0	b	23	92	5	-	-	0	-	0
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.3	0	-	0	b	11	92	5	-	-	0	-	0
Tynemouth	67	1025.5	+1	SW	1	bc/m	30	97	6	800	St	4	-	4	1025.5	0	SW	2	o	32	97	6	800	St	10	-	10
Blacksod Point	18	1019.9	0	W	3	bc	42	92	7	*	CuNb	4	-	4	1015.4	-3	S	4	c+	42	85	6	*	StCu	10	-	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.2	-2	SW	1	ifo	36	97	3	1500	St	10	-	10
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.5	*	SE	3	b	34	92	7	2500	Cu	1	ACu	2
Holyhead	26	1025.2	+4	ES	3	c	36	92	5	1500	St	8	-	8	1024.7	-1	SE	2	b	32	97	5	-	-	0	-	0
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.4	0	SE	2	mmo	31	92	4	2500	St	10	-	10
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.8	0	SEE	2	ffo	30	92	3	800	St	10	-	10
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.9	+1	-	0	mmo	29	92	4	<150	St	10	-	10
Spurn Head	29	1025.2	+2	SSE	2	o	34	85	6	4000	St	10	-	10	1027.2	+1	SSE	3	o	33	92	6	1500	St	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.6	+2	-	0	mmo	32	92	4	1500	St	10	-	10
Cranwell	236	1025.8	+5	SE	1	o	29	97	5	800	St	10	-	10	1028.1	+2	S	1	FFo	30	97	1	220	St	10	-	10
Gorleston	14	1025.7	+4	SE	2	c	35	75	6	-	-	0	ASt	10	1027.8	+2	SE	2	c	35	75	6	4000	StCu	10	-	10
Valentia (Cahirciveen) ℙ	30	1022.4	-2	SE	2	b	43	92	9	-	CuNb	2	-	2	1016.1	-8	SSE	5	ofo+	45	75	8	2500	Nb	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	-5	SW	4	c	41	92	8	1500	StCu	8	-	8
Pembroke (St. Ann's H.)	150	1025.5	+3	NW	2	b	43	85	8	1500	Cu	2	-	2	1024.9	0	NEE	3	b	39	97	8	1500	Cu	2	-	2
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.0	+1	-	0	mmb	21	97	4	5700	StCu	1	ASt	2
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1028.2	+2	-	0	fo-	28	85	4	1500	St	10	-	10
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.3	+2	-	0	ffo	23	92	2	<150	St	10	-	10
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.5	+2	NNW	1	ffo	32	97	2	220	St	10	-	10
London (Kew Obsy.)	18	*	*	*	*	*	34	*	*	*	*	*	*	*	1027.7	+3	-	0	mmo	33	97	4	800	St	10	-	10
Croydon	244	1025.0	+4	NWN	1	os,s,	33	97	3	<150	Nb	10	-	10	1027.7	+3	NEE	1	ffo	32	97	3	<150	St	10	-	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1028.0	+4	N	1	b/sl(h)	27	97	6	-	-	0	ASt	1
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.4	+2	NE	2	bc	33	85	6	5700	StCu	4	-	4
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1028.3	+3	SSW	1	o	32	85	5	800	St	10	-	10
Lympne	350	1023.7	+2	NNE	3	ofsfs	33	97	5	800	St	10	-	10	1027.5	+4	NE	4	o	34	92	5	450	St	10	-	10
Scilly (St. Mary's)	163	1026.3	+1	NW	2	b	43	85	8	4000	Cu	2	-	2	1025.7	-2	S	3	b	44	85	8	4000	Cu	1	-	1
Falmouth (Pendennis)	200	1026.8	+3	NW	3	b-	41	75	8	-	-	0	-	0	1026.8	0	-	0	b	38	85	8	4000	StCu	2	-	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.0	0	NNE	3	b	31	97	5	-	-	0	Ci	2
Portland Bill	33	1024.9	+3	NWW	3	b	40	85	6	2500	Cu	1	-	1	1026.5	+1	W	1	b	38	85	8	2500	Cu	1	ACu	2
Southampton (Calshot)	10	1025.2	+5	NNW	3	c+	33	92	6	1500	St	9	-	9	1027.7	+3	NE'N	1	FFb	29	92	1	-	-	0	-	0
Dungeness	20	1023.6	+3	ESE	2	odod	38	97	6	1500	Nb	10	-	10	1026.1	+4	ESE	2	o/r	37	97	6	800	St	10	-	10
Guernsey (Fort George) ℙ	295	1027.0	+3	NW	2	b	42	75	8	1500	Cu	4	-	4	1027.3	+2	WNW	1	b	39	75	9	4000	Cu	1	Ci	2

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31st December, 1927

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temp. Min. 9h 30th to 9h 31st (4) °F	Temp. 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	o	co	31	36	-	-	1.5
Douglas (I. o. M.)	os	srx	32	34	-	5	0.0
Llandudno	cors	rsoc	28	39	trace	0.4	0.1
Colwyn Bay	oc	cso	28	40	-	0.3	0.0
Rhyl	bcc	s	28	39	-	0.3	1.0
Wallasey	bcc	cosso	26	31	-	1	0.0
Southport	ebcc	os	*25	31	-	0.1	0.4
Blackpool	oc	o	27	32	-	-	0.0
Ilkley	om	oso	14	29	-	1	0.0
Cleethorpes	b	bbc	27	32	-	-	3.0
Skegness	b	bbc	31	33	-	-	3.5
Aberystwyth	osrsr	rc	28	42	0.3	4	0.2
Bath	os	so	24	34	0.3	3	0.0
Cheltenham‡	ouss	oss	23	31	-	2	0.0
Leamington Spa	om	os	18	30	-	2	0.0
Lowestoft	bcbc	bcm	30	36	-	-	0.7
Felixstowe	bcm	bcbcm	25	35	-	-	2.3
Harwich & Dovercourt	bcm	bcm	23	35	-	-	3.0
Southend	b	bcco	24	35	-	-	1.4

Stations (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	rocb	bbc	32	44	2	3	1.8
Bude	rpbc	bc	29	45	3	trace	4.1
Penzance	cb	b	34	48	1	-	5.1
Paignton	orm	orpbcb	30	44	1	1	3.3
Torquay	omr	orpcb	31	45	9	1	3.8
Jersey	cb	cr	33	45	-	5	0.2
Weymouth	mpr	bcb	28	45	0.3	4	1.2
Bournemouth	od	roro	27	42	-	5	0.0
Ventnor	so	ro	26	41	-	3	0.0
Portsmouth (S'thsea)	omo	oro	27	41	1	2	0.0
Bognor	o	o	27	41	-	1	0.0
Littlehampton	c	cr	26	40	-	1	0.0
Worthing	c	cr	27	41	-	0.3	0.1
Brighton	oc	od	27	41	-	trace	0.2
Eastbourne‡	mo	or	28	41	-	trace	0.0
Hastings‖	so mmo	omss	27	40	0.1	0.1	0.0
Folkestone	omcm	om	27	36	-	-	0.6
Dover	bbc	co	26	35	-	1	0.1
Tunbridge Wells	o	co	20	34	-	-	0.0
Ramsgate	bmbc	bc	27	34	-	-	1.3
Margate	bct	bc	26	35	-	-	3.4
Deal	bc	bco	21	34	-	-	1.6

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* Information not [illegible] 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 [illegible]

‡ At stations marked thus the maximum temperature is for the period 9h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-7h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24147 Monday 2nd January 1928 Page 1.

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	1018.0	-3	SSE	3	cjp	40	85	7	4000	Nb	10	-	10	•	1012.2	-11	SSE	4	c	42	85	7	4000	St.Cu	9	-	9	•
Stornoway	1011.9	-8	S	5	c+	41	75	6	2500	St.Cu	10	-	10	•	999.5	-16	SSE	6	oRSRS	34	97	5	1500	St	10	-	10	5
Wick	1016.6	-4	SSW	4	c	37	92	8	1500	St.Cu	6	Ci.St	8	•	1008.0	-12	S	6	c	38	85	7	1500	St	4	A.St	10	6
Tiree	1011.7	-12	S'E	7	o+	41	85	6	800	St	10	-	10	0	996.8	-16	S'E	9	or₀r₀	42	97	5	220	Nb	10	-	10	7
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.1	•	SWS	3	c+	37	75	8	1500	St	8	-	8	•
Aberdeen	1021.0	-6	SSW	2	bc	32	85	5	-	-	0	A.St	6	3	1012.8	10	SSE	5	c+	37	85	6	-	-	0	A.St	10	1
Malin Head	1009.2	-16	SSE	5	c+	40	92	7	2500	St	3	A.St	9	•	996.1	-12	SSE	6	cr₀	42	97	6	4000	St.Cu	8	-	8	6
Renfrew	1019.3	-8	ENE	2	ffo	26	97	3	1500	St	10	-	10	7	1010.2	-9	ESE	4	os₀s₀	34	97	5	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1021.1	-3	SSE	1	bc	30	75	6	-	-	0	Ci.Cu	6	•	1012.8	-7	SSW	2	o+	35	85	7	800	St	10	-	10	1
Leuchars	1021.5	-7	-	0	bc	27	92	5	5700	St.Cu	2	Ci	5	4	1013.8	-9	S	4	o+	33	85	6	2500	St	10	-	10	•
Eskdalemuir	1022.1	-7	-	0	o	25	97	6	1500	St	10	-	10	7	1013.1	-11	SSE	5	o	32	85	5	800	St	10	-	10	•
Tynemouth	1023.6	-3	S	3	o/f	34	97	5	1500	Nb	10	-	10	•	1018.2	-6	S	4	o/f	34	92	6	1500	Nb	10	-	10	4
Blacksod Point	999.9	(-15)	SE	8	oRR	44	92	6	-	Nb	10	-	10	•	993.3	(-10)	S	5	c	52	85	7	•	St.Cu	10	-	10	7
Donaghadee	1017.9	-8	SW	4	o+	42	97	6	1500	St	10	-	10	•	1007.2	-14	SW	8	orr₀	43	85	6	1500	Nb	10	-	10	5
Birr Castle	1009.9 ~~1007.9~~	•	SE	5	orr	36	97	6	800	Nb	10	-	10	•	1003.6	•	SE	4	c/r	50	97	6	1500	Nb	9	-	9	•
Holyhead	1025.0	-8	SSE	5	c	40	85	8	4000	St.Cu	8	Ci.St	9	1	1010.8	-10	S'E	8	crr₀	40	97	6	2500	Nb	5	A.St	10	6
Liverpool (Bidston)	1022.7	-4	ESE	4	bc-	33	85	5	2500	St	5	Ci	5	•	1016.2	-5	ESE	6	ojp	34	92	6	2500	Nb	10	-	10	
Chester (Sealand)	1023.4	-5	SSE	3	mmc	34	85	4	1500	St	8	-	8	7	1011.0	-9	SS'S	6	o+	35	85	5	800	St	10	-	10	•
Harrogate	1025.1	-2	SE	1	ffo	31	97	2	<150	St	10	-	10	•	1020.1	-5	S'W	4	o	31	92	5	2500	St	10	-	10	•
Spurn Head	1026.7	-1	SSE	4	bc	35	85	6	-	-	0	Ci.St	7	•	1023.0	-6	SSE	6	bc	34	92	6	-	-	0	Ci.St	7	2
Birmingham (Edgbaston)	1026.7	-2	SSE	3	fofo	(31)	97	2	450	St	10	-	10	8	1022.6	-5	SSE	3	fo-	30	92	4	800	St	10	-	10	•
Cranwell	1027.9	-1	S'E	3	fo-	32	97	4	800	St	10	-	10	9	1025.0	-4	SSE	4	fo-	30	92	4	800	St	10	-	10	•
Gorleston	1028.5	+1	SSE	1	c	37	85	6	4000	St.Cu	10	-	10	•	1026.8	-3	S	5	c	37	85	6	2500	Nb	4	A.St	10	1
Valentia (Cahirciveen)	1004.0	-14	SSE	7	orr	50	97	5	1500	St	10	-	10	2	1001.9	0	SW	6	c	52	85	7	1500	St	10	-	10	4
Roches Point	1012.6	-11	SW	7	orr	46	97	6	800	Nb	10	-	10	•	1003.6	-5	SW	6	orr	50	97	6	800	Nb	10	-	10	7
Pembroke (St. Ann's H.)	1020.3	-6	SSE	5	c+	45	85	8	1500	St	5	A.Cu	8	•	1014.2	-6	S'E	7	crr	45	97	6	1500	St.Cu	10	-	10	6
Ross-on-Wye	1025.3	-3	-	0	ffb	29	85	3	-	-	0	Ci.Cu	2	7	[illegible]	-4	S'E	4	c+	35	92	5	1500	St	9	A.St	10	•
Leafield	1027.9	-2	SSE	3	FFo	29	97	1	<150	St	10	-	10	8	1022.3	-4	SE'S	4	Fo-	31	97	1	<150	St	10	-	10	•
Winchester (Worthy Dn.)	1027.7	-2	SSE	2	ffo	32	92	3	<150	St	10	-	10	8	1024.7	-3	SE	2	bc	32	92	5	2500	St.Cu	7	-	7	•
S. Farnborough	1028.1	-2	S	2	fbc-	34	97	4	800	St	7	-	7	8	1025.[illegible]	-3	SSE	3	c	35	92	5	1500	St.Cu	10	-	10	•
London (Kew Obsy.)	1028.2	-2	SSE	2	fbc-	36	85	3	-	-	0	A.Cu	5	8	1026.4	-3	SE'S	3	c+	36	85	5	2500	St	9	-	9	•
Croydon	1028.0	-2	SSE	3	fb	36	85	6	4000	St.Cu	2	-	2	8	[illegible]	-2	SSE	3	c+	36	92	6	2300	St.Cu	10	-	10	•
Shoeburyness	1028.6	0	SSE	1	c+	36	97	4	2500	St.Cu	9	-	9	•	1027.5	-2	S'E	3	c	36	97	6	1500	St.Cu	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1027.5	0	SSE	4	c	37	92	6	5700	St.Cu	10	-	10	2
Felixstowe	1028.9	-1	E'N	1	c	37	85	5	2500	St.Cu	9	-	9	3	1028.2	-1	SSE	4	c	36	85	6	1500	St	10	-	10	2
Lympne	1028.0	-2	ESE	2	o	35	92	5	450	St	10	-	10	7	1027.7	-1	SE	3	c	35	92	6	450	St	10	-	10	•
Scilly (St. Mary's)	1020.8	-7	S'E	6	cr₀r₀	48	97	6	4000	St.Cu	10	-	10	•	1015.4	-5	S	6	or₀r₀	49	97	6	4000	Nb	10	-	10	7
Falmouth (Pendennis)	1022.8	-4	S	6	c+	47	75	8	4000	St.Cu	10	-	10	•	1018.8	-5	S'E	8	or+	46	92	6	2500	Nb	10	-	10	5
Plymouth (Cattewater)	1024.4	-5	S	5	c+	46	65	8	2500	St.Cu	3	A.St	8	2	1013.2	-4	S	6	o/r	47	85	7	2500	Nb	10	-	10	4
Portland Bill	1026.1	-2	E	2	c+	43	85	8	2500	St.Cu	8	A.St	9	•	1023.2	-3	SSE	5	[illegible]	45	75	8	2500	St.Cu	7	A.St	10	1
Southampton (Calshot)	1028.3	-1	E	2	mmo	35	92	4	1500	St	10	-	10	7	1025.6	-2	SE'S	3	bc	37	92	5	4000	St.Cu	3	A.Cu	6	0
Dungeness	1029.0	-2	ESE	2	c	38	97	6	1060	St	7	A.St	10	•	1028.3	-1	SSE	3	c	38	85	6	1060	St	6	A.St	10	3
Guernsey (Fort George)	1027.6	-2	SE	2	bc	45	75	8	4000	Cu	2	Ci.St	3	•	1025.9	-2	S	5	c	44	75	9	1500	St	3	A.St	10	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.	9h. G.M.T. % TO-DAY.	Visibility 9h.
Kew } 24 hours ended 7h.	18	ombcf	bcmcm	cm₀r	37	36	34	Tr.	/	1.8	•	•	6
Croydon	244	ofbm	bbccm	cmorr	36	36	33	-	/	3.0	•	•	6
Greenwich (Royal Obsy.)	149	cbcz	c	cdrro	~~40~~ 37	~~35~~ 36	30	-	/	2.9	91	95	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	-	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	42	36	28		/	0.0	?	83	•
Regent's Pk. (Botanic Gdns).	158	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	cfc	c	•	41	39	31	-	2	•	•	94	•
Kensington Palace	80	of	o	•	37	36	32	-	2	•	(At 18h) 92	91	•
Hampstead Observatory	450			•	40	29	22	-	/	0.0	•	93	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.6	1st 11h.	<0.3	2nd 5h.

Kew Observatory			
Max.	Time.	Min.	Time.
0.3	1st 13h.	<0.3 rest of period.	

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st 17 h 15 m. to 2nd 07 h 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 45	nil	nil
δ Ursae Minoris	13 45	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.

2nd 3rd January, 1927.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.7 / 8.7	11.57 / 11.57	15.47 / 15.48
Greenwich	8.8 / 8.8	12.4 / 12.4	15.59 / 16.00
Wick	9.5 / 9.5	12.16 / 12.17	15.27 / 15.29
Valentia	8.52 / 8.51	12.45 / 12.45	16.38 / 16.39

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, 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.

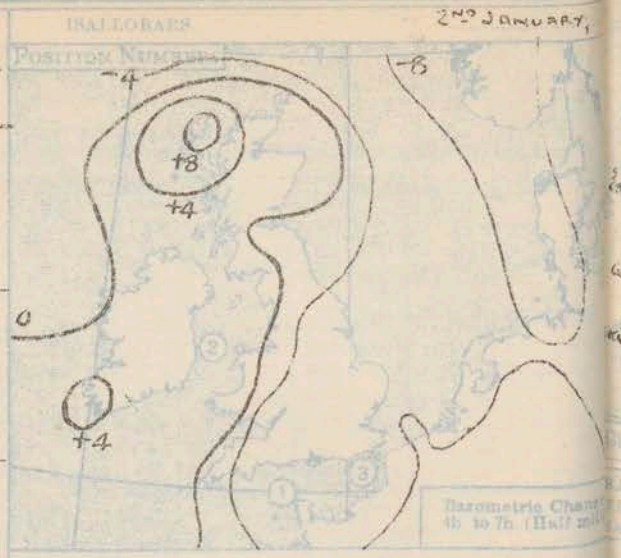
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† 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.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 1st	WEATHER. 13h.-18h. 1st	WEATHER. 18h. 1st to 1h. 2nd	WEATHER. 1h.-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 p r	c	corr	corr	42	39	•	Trace	11.00	8	21.00	0.0
Stornoway	c	s-rs	c	r	41	33	•	4	*	6	*	0.0
Wick	c	o	rrso	c	39	37	•	–	–	3	21.00	•
Tiree	oq	m rrq	roq	copro	42	41	35	13	14.30	4	21.00	0.0
Nairn	bc	bcc	cqpr	cq	37	36	•	–	–	0.6	3.30	0.7
Aberdeen	bccm	bccm	orsrsq	rsrsqm	37	35	33	–	–	9	21.00	0.0
Malin Head	bcce	oRrcr	od	cbc	43	42	•	15	14.30	0.3	21.00	0.0
Renfrew	ocmof	om	orsrso	orrob	35	34	32	Trace	17.30	5	21.00	0.0
Edinburgh (Inchkeith)	bcim	imbcc	h-rh	bc	35	(36)	33	–	–	0.5	21.00	0.3
Leuchars	bcx	bccox	s/sRRc	cbc	33	33	30	–	–	7	21.00	0.2
Eskdalemuir	bbcmcx	ocom	asorsm	ormofc	32	31	31	–	–	17	21.00	0.0
Tynemouth	off	offq	ors q	oirq	36	34	32	–	–	2	22.00	•
Blacksod Point ...	Rq, R	Rqo	pc	pb	54	42	•	10	*	Trace	*	•
Donaghadee	oifco	orrz	orrm	cbc	44	42	•	3	15.30	4	21.00	•
Birr Castle	bcorr	cm	cm	cm	50	40	36	5	9.00	–	–	0.0
Holyhead	bcm	crr	irrq	rro	42	40	40	0.4	16.30	7	21.00	2.4
Liverpool (Bidston) ...	omcm	bcco	qicp	qoir	34	33	32	Trace	<8.00	5	21.00	0.0
Chester (Sealand) ...	ofxm	com	omrm	orrim	35	34	31	–	–	3	22.00	0.4
Harrogate	omf	ofo	orr	orr	32	31	31	–	•	21	21.00	0.0
Spurn Head	c	bbc	o	oRR	36	33	•	–	–	10	2.30	3.4
Birmingham (Edgbaston)	omf	ofm	omr	orr	32	30	30	–	–	12	24.00	0.0
Cranwell	oFom	om	om	omrr	33	29	29	–	–	10	4.30	0.0
Gorleston	c	cq	odqq	odcq	38	35	34	–	–	Trace	24.00	0.0
Valentia (Cahirciveen)	oror	oro	o	ocb	54	47	43	18	<8.00	–	–	0.0
Roches Point	corr	orr	oRc	bcb	50	42	•	13	9.00	5	21.00	•
Pembroke (St. Ann's H.)	bcc	cqrm	oRRm	offrr	46	44	•	3	14.30	25	21.00	0.7
Ross-on-Wye	bmf	bfcm	cir	orr	35	35	33	–	–	9	21.00	4.2
Leafield	mFFo	FFo	oFrr	oRr	31	31	31	–	–	15	22.00	0.0
Winchester (Worthy Dn.)	off	off bcm	bcco	orr	33	31	28	–	–	7	2.30	0.0
S. Farnborough ...	oFcm	bccmm	cm	corro	35	34	33	–	–	2	3.30	0.2
London (Kew Obsy.) ...	ombcf	bcmcm	cm	cr	37	36	34	Trace	–	1	3.30	1.8
Croydon	ofbm	bbccm	cm	corro	36	36	33	–	–	1	4.30	3.0
Shoeburyness	bcm	com	opor	o	37	35	35	–	–	Trace	22.00	2.6
Clacton-on-Sea ...	bzcm	com	dm	o	38	35	34	–	–	–	–	1.2
Felixstowe	oxcbc	cm	cm	c	37	35	35	–	–	–	–	1.3
Lympne	o	ocm	cm	cmc	35	34	33	–	–	–	–	0.0
Scilly (St. Mary's) ...	bbccor	orrm	orrm	orr	49	48	•	2	11.00	20	21.00	0.3
Falmouth (Pendennis)	bbcc	omrq	omrq	omRq	47	45	•	1	13.30	28	21.00	1.8
Plymouth (Cattewater)	bmx,c	crqq	omqrr	omqRR	47	45	44	Trace	15.30	20	21.00	1.8
Portland Bill	bbc	c	corrz	orrz	45	44	•	–	–	6	24.00	•
Southampton (Calshot)	oFxom	om bmbc	irccdm	cdmorm	38	37	32	0.1	<8.00	3	22.00	0.6
Dungeness	ozoz	ozoz	oz	ozcz	38	37	•	–	–	–	–	•
Guernsey	bbc	bccv	cir	corrq	46	39	•	–	–	3	21.00	4.5



Barometric Chart 4h. to 7h. (Half mean)

Observations from Cross Channel Steamers.

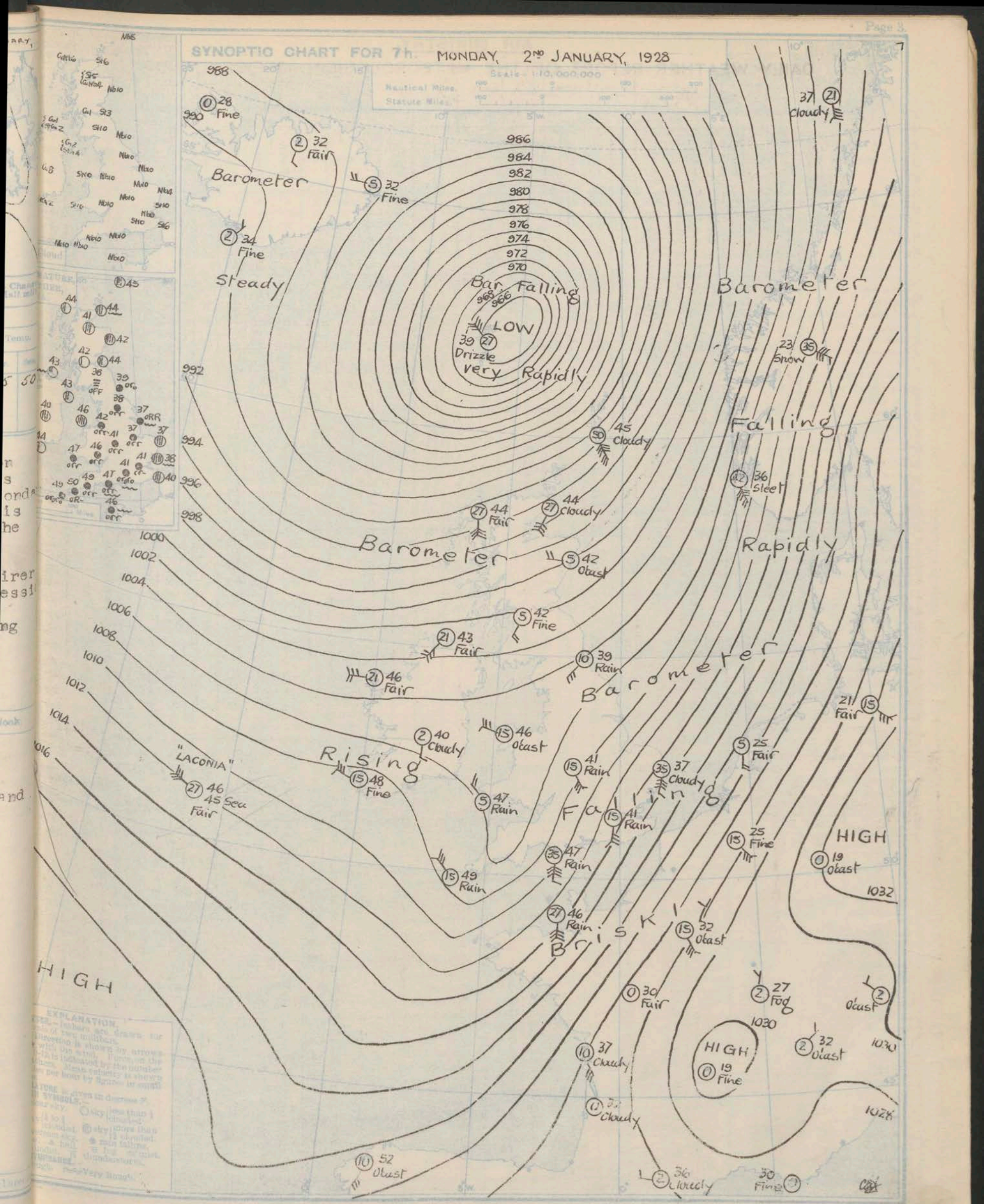
Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	2nd 2h	BRIGHTON	SW	5	c+	45	50

GENERAL INFERENCE.

A very deep depression centred near the Faeroes is moving northeast and a secondary trough associated with it is passing eastwards across the British Isles. Winds will moderate temporarily and the weather will become fairer for a time, but a new depression will probably approach our southwest coasts before long and cause the weather to deteriorate again.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 2nd January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Moderate to fresh southwesterly winds, becoming light temporarily; overcast sky and intermittent rain at first; varying amount of cloud later; rather mild by day; slight frost locally at night.	Unsettled and milder.
4. W. Midlands 5. S.W. England 6. South Wales	Wind westerly, moderate to light; varying amount of cloud; rather mild by day; slight frost locally at night.	
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland	Moderate S.W. to W. winds; varying amount of cloud; rather mild by day, slight frost locally at night.	
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	Moderate to fresh S.W. to W. winds: varying amount of cloud, perhaps a few scattered showers: rather mild by day; slight frost locally at night.	
19. S.E. Ireland 20. S.W. Ireland	As 3 - 6.	

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday 2nd January.....1928. No. 2.....

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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	995·7	-17	SSE	9	orr	41	92	7	4000	Nb	10	-	10	989·9	-5	SSE	9	c	45	97	7	4000	Nb.	8	A.St.	10
Stornoway	30	987·8	0	S	8	c	•	•	6	•	•	•	•	10	991·5	+8	S	6	bc/r	44	85	6	4000	Cu.Nb.	6	-	6
Wick	81	991·7	-9	S	10	o	40	92	7	1500	St	10	-	10	992·1	+1	SSW	6	c	44	92	8	1500	St.	6	A.St.	10
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	997·5	+1	SSW	4	orr	43	85	7	1500	Nb	10	-	10
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	996·3	•	SW'S	4	c	44	85	7	1500	St.	9	-	9
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	997·6	+1	W	2	o	42	92	6	1500	Nb.	10	-	10
Malin Head	31	997·5	+3	SSW	5	c/d	47	92	7	4000	Nb	2	asc	9	1000·6	+3	SW	5	bc	43	85	7	4000	St.Cu.	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1001·1	+2	SSW	2	b-	42	85	7	2500	Cu.	1	-	1
Edinburgh (Inchkeith)	190	1000·4	-12	SSW	4	~~c~~	40	85	8	1500	St	~~10~~ 9	-	~~10~~ 9	999·6	-2	SW	4	bc-	44	85	8	800	St.	3	-	3
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	999·5	0	SW	4	bc-	42	85	8	1500	St.Cu.	5	-	5
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1002·4	0	SSW	4	FFo	38	97	1	<150	St.	10	-	10
Tynemouth	87	1008·8	-6	SSW	4	ojp	37	92	7	1500	Nb	10	-	10	1004·4	-1	SW	3	orr	39	97	7	1500	Nb.	10	-	10
Blacksod Point ...	18	999·9	+1	S	4	bc	48	75	7	•	St.Cu.	7	-	7	1003·7	+2	W	5	bc	46	65	7	•	Cu.Nb.	3	-	3
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·5	+2	SW	1	bc-	43	85	8	4000	St.Cu.	6	-	6
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·4	•	S	1	c-	40	86	6	1500	Cu.	8	-	8
Holyhead	22	1005·1	-3	S'W	5	orr	45	97	6	1500	Nb	10	-	10	1005·3	+1	W'N	4	o	46	92	8	2500	St.	10	-	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·6	0	S	3	orr	42	97	6	1500	Nb.	10	-	10
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·5	-3	SSE	3	orr	41	97	4	1500	Nb.	10	-	10
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·1	-4	S	4	orr	38	97	5	2500	Nb.	10	-	10
Spurn Head	29	1013·7	-9	S'E	7	c	37	85	6	-	-	0	asc	10	1007·5	-6	SE	7	ORR	37	97	6	4000	Nb.	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·2	-4	SSE	4	orr	41	97	6	800	Nb.	10	-	10
Cranwell	236	1016·4	-8	S'E	5	o	35	92	5	800	St	10	-	10	1009·7	-5	SE	5	orr	37	97	6	450	Nb.	10	-	10
Gorleston	14	1021·5	-5	S'W	6	odd	36	97	6	1500	Nb	10	-	10	1016·1	-7	SW	7	c-	37	85	6	2500	Nb.	4	A.St.	8
Valentia (Cahirciveen)‡	30	?	0	S'W	4	or-	48	92	8	-	St	10	-	10	1008·9	+4	W.NW	4	b	48	65	8	2500	St.Cu.	2	-	2
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·5	+2	NW	2	b	44	92	8	1500	St.Cu.	2	-	2
Pembroke (St. Ann's H.)	160	1005·3	-9	SSE	8	oRR	49	97	5	800	St	10	-	10	1006·0	+1	NW'N	2	orr	47	97	5	1500	St.	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·2	-4	S	4	orr	46	97	6	1500	Nb.	10	-	10
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·1	-6	SSE	5	orr	38	97	7	1500	Nb.	10	-	10
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·5	-7	SSE	6	orr	41	92	6	450	Nb.	10	-	10
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·6	-5	S	5	orro	41	92	6	450	Nb.	10	-	10
London (Kew Obsy.) ...	18	•	•	•	•	•	39	•	•	•	•	•	•	•	1013·1	-6	S	4	cr-	41	92	7	1500	Nb.	9	-	9
Croydon	244	1020·4	-6	SSE	5	c	38	92	7	800	St	10	-	10	1012·7	-7	S	5	orro	40	92	6	800	Nb.	10	-	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·3	-4	S	4	c	38	97	5	1500	St.Cu.	10	-	10
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·4	-7	SSE	5	o	38	92	7	4000	St.	10	-	10
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·2	-2	SE	6	c	38	85	7	2500	St.Cu.	6	A.St.	10
Lympne	350	1023·4	-5	SSE	6	c	36	92	6	1500	St.Cu.	10	-	10	1017·1	-5	SSE	6	c	38	85	7	800	St.	9	-	9
Scilly (St. Mary's) ...	163	1009·5	-6	SSW	6	orr	52	97	4	1500	Nb	10	-	10	1007·4	0	NW'N	4	orro	49	97	7	4000	Nb.	10	-	10
Falmouth (Pendennis)	206	1009·5	-8	SSW	8	oR-	50	97	6	2500	Nb	10	-	10	1006·9	-2	NNW	4	oR-	50	97	6	2500	Nb.	10	-	10
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·2	-6	SSW	7	orr	49	97	6	800	Nb.	10	-	10
Portland Bill	32	1015·9	-6	SSE	7	or	46	85	6	2500	Nb	10	-	10	1008·8	-6	S	7	orr	47	92	6	1500	Nb.	10	-	10
Southampton (Calshot)	10	1019·7	-6	S	5	cda	41	92	6	1500	St	9	asc	10	1012·4	-7	SE	6	orro	43	97	6	1500	Nb.	10	-	10
Dungeness	20	1024·5	-4	S'W	4	c	40	97	6	450	St	5	asc	10	1016·4	-6	S	6	c	40	92	6	450	St.	6	A.St.	~~9~~ 10
Guernsey (Fort George) ‡	295	1020·0	-8	S	6	odr	45	92	5	1500	Nb	10	-	10	1012·6	-4	S	6	orr	46	97	6	800	Nb.	10	-	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1st January.....

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 3/5r to 9h. 1/5r	Temperature. Max. 9h.-17h. 1/5r	Rainfall.† Night 17h.-9h. 3/5r-1/5r	Rainfall.† Day 9h.-17h. 1/5r	Sunshine. Sunrise to Sunset. 1/5r
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.
Berwick-on-Tweed	c	od	20	34	-	Trace	0·0
Douglas (I. o. M.) ...	o	c	25	42	0·5	-	0·9
Llandudno ...	cbc	bcc	30	41	-	-	2·3
Colwyn Bay ...	o	ocbbc	28	41	-	-	2·4
Rhyl...	cbc	bcc	27	38	-	-	1·7
Wallasey	ocbc	bcc	26	35	Trace	-	0·0
Southport	focbc	bcco	*30	35	0·4	-	0·0
Blackpool	som	cbc	29	35	0·3	-	0·0
Ilkley	xog	om	15	33	-	-	0·0
Cleethorpes... ...	o	o	28	34	-	-	0·0
Skegness	c	bcb	33	35	-	-	1·8
Aberystwyth ...	cbc	c	31	42	3	-	3·0
Bath	fmc	mbcc	20	35	Trace	-	0·1
Cheltenham ...	ocbc	cbcog	24	33	1	-	0·7
Leamington Spa ...	o	o	23	34	-	-	0·0
Lowestoft	c	c	30	38	-	-	0·0
Felixstowe	bcm	cm	29	37	-	-	0·0
Harwich & Dovercourt	xbcm	ocm	29	37	-	-	1·0
Southend	mbc	o	27	38	1	-	1·9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cbc	bcod	34	43	-	0·2	2·1
Bude	xbc	cb	30	46	-	0·3	2·5
Penzance	c	cor	35	48	-	2	0·7
Paignton	cfw	co	27	45	0·3	-	~~1·0~~
Torquay	bmw	bfco	31	46	-	-	~~1·2~~
Jersey	bc	bco	34	46	5	-	5·5
Weymouth	o	bcbc	28	43	-	-	1·9
Bournemouth ...	oco	ooc	24	38	-	-	0·0
Ventnor ...	o	o	29	41	Trace	-	0·0
Portsmouth (S'thsea)	om	om	29	37	2	-	0·5
Bognor	o	o	31	41	3	-	0·0
Littlehampton ...	c	c	33	40	1	-	0·1
Worthing	co	o	31	39	1	-	0·0
Brighton	occ	c	31	40	1	-	0·0
Eastbourne‡... ...	fo	o	34	41	2	-	0·0
Hastings‡	om	omo	34	40	3	-	0·0
Folkestone	om	o	31	37	1	-	0·0
Dover	og	og	33	37	1	-	0·0
Tunbridge Wells ...	oco	o	25	36	3	-	0·0
Ramsgate	om	om	31	37	-	-	0·0
Margate	o	o	30	37	-	-	0·0
Deal	o	o	26	37	-	-	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

† At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‡ 22h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

Observations at 13h. G.M.T. 2nd / Observations at 18h. G.M.T. 2nd

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	993.2	+3	W'S	4	cjp	45	75	8	4000	Nb	6	Ci	8	•	999.5	+7	-	0	b	44	75	8	4000	Cu	1	Ci	2	•
Stornoway	999.3	+6	-	0	bc-	42	85	7	4000	Cu	3	ACu	4	•	1003.3	+4	-	0	bc	36	92	7	4000	Cu	3	ACu	4	0
Wick	999.3	+6	WSW	2	c	44	92	8	1500	StCu	6	CiSt	8	•	1002.3	+4	WSW	2	c	36	97	8	2500	StCu	4	CiSt	8	4
Tiree	1001.1	+2	W	3	od$_0$	43	85	6	1500	Nb	10	-	10	2	1006.1	+5	W'S	4	bc	44	85	8	1500	Cu	7	-	7	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.5	•	SW	1	bc	34	85	8	4000	Cu.	2	A.Cu.	6	•
Aberdeen	1000.6	+2	SSE	1	c-	42	85	5	-	-	0	ASt	8	2	1004.8	+5	SW	1	cr$_0$	39	92	5	1500	Nb	5	ASt	10	1
Malin Head	1002.9	+2	SW	4	cr	43	97	7	4000	CuNb	7	ACu	8	•	1006.8	+8	NW	3	bcjp	44	92	7	4000	CuNb	2	ACu	6	4
Renfrew	1003.5	+2	SW	3	bc	44	85	6	2500	Cu	6	-	6	2	1006.1	+3	SW	4 2 (red)	cr$_0$	40	92	6	800	Nb	8	-	8	•
Edinburgh (Inchkeith)	1002.5	+4	SW	4	bc	43	75	7	-	-	0	CiCu	4	•	1004.7	+3	SW	4	bc	39	85	8	-	-	0	ACu	3	1
Leuchars	1002.2	+6	WSW	4	bc-	41	85	6	-	-	0	ASt	3	2	1005.4	+5	WNW	2	b	37	92	6	-	-	0	CiSt	2	•
Eskdalemuir	1005.0	+1	S'W	1	c-	37	92	6	800	St	6	Ci	8	7	1007.4	+4	-	0	bc-	34	97	6	2500	St	3	-	3	•
Tynemouth	1005.2	0	WSW	1	ffo	40	97	3	1500	Nb	10	-	10	•	1007.0	+2	W	1	c/f	40	92	5	1500	St	5	ACu	8	2
Blacksod Point	1007.1	+3	W	6	bc	47	65	7	*	CuNb	7	-	7	•	1011.8	+3	W	4	bc	45	75	7	•	CuNb	6	-	6	6
Donaghadee	1005.7	+1	WSW	2	b-	44	75	8	4000	Cu	2	-	2	•	1007.3	+2	WSW	2	ojp	42	85	8	2500	St	10	-	10	2
Birr Castle	1008.9	•	NW	3	bc-	46	65	7	1500	Cu	2	CiCu	5	•	1012.0	•	W	2	bc	39	92	7	1500	Cu	5	-	5	•
Holyhead	1007.6	+1	WNW	4	ct	45	85	7	4000	Cu	1	ACu	9	2	1010.3	+3	W'N	5	b	44	85	6	2500	Cu	1	-	1	4
Liverpool (Bidston)	1007.2	+1	W	4	c/r	42	92	7	-	-	0	ASt	9	•	1010.1	+3	W'S	4	bc	40	85	7	-	-	0	ACu	3	•
Chester (Sealand)	1006.9	+1	NW'W	4	c-	43	85	6	4000	StCu	1	ASt	8	2	1009.8	+3	NW	2	bc-	39	85	6	4000	StCu	1	Ci	7	•
Harrogate	1006.2	0	SSW	1	fc	40	97	3	<150	Nb	9	ASt	10	•	1008.4	+1	-	0	c	38	92	7	-	-	0	CiSt	8	•
Spurn Head	1007.3	-1	S'W	4	orr	37	97	6	2500	Nb	10	-	10	•	1007.9	+1	WNW	3	fot	37	92	3	220	St	10	-	10	2
Birmingham (Edgbaston)	1007.1	0	WNW	3	od$_0$d$_0$	43	97	3	800	Nb	10	-	10	2	1010.4	+3	WNW	2	cU	40	85	5	-	-	0	CiSt	8	•
Cranwell	1008.7	0	S'W	3	or$_0$r$_0$	39	97	5	450	Nb	10	-	10	2	1008.6	+1	WNW	3	fot	38	97	5 2 (red)	<150	St	10	-	10	•
Gorleston	1010.2	-5	SSW	7	orr	38	92	6	1500	Nb	10	-	10	•	1008.9	0	S'W	5	or-	37	97	6	800	Nb	10	-	10	5
Valentia (Cahirciveen)	1013.3	+3	W'N	4	bc	47	65	8	2500	StCu	5	-	5	1	1017.0	+5	NW'W	4	bc	45	65	8	2500	StCu	3	ACu	4	3
Roches Point	1011.9	+1	NW	2	bc	46	85	8	2500	StCu	2	CiCu	4	•	1015.5	+3	NW	3	b/pr$_0$	42	92	8	2500	Nb	2	-	2	4
Pembroke (St. Ann's H.)	1009.3	+1	NW	4	bc-	47	75	7	-	-	0	ACu	4	•	1011.9	+5	NW	4	bc	46	75	8	2500	Cu	5	-	5	5
Ross-on-Wye	1007.2	0	NW'W	1	c	43	85	8	2500	Nb	4	ASt	9	2	1010.5	+3	W'N	2	cU	40	85	8	-	-	0	Ci	8	•
Leafield	1006.5	-4	WSW	3	or$_0$r$_0$	41	97	6	800	Nb	10	-	10	7	1009.8	+2	NW'N	3	c	37	97	6	4000	St	3	ASt	10	•
Winchester (Worthy Dn.)	1007.7	-5	S'E	5	orr	43	97	6	450	Nb	10	-	10	7	1008.9	+3	NW	3	o	41	97	7	800	St	10	-	10	•
S. Farnborough	1008.2	-6	S	5	orr	43	97	6	450	Nb	10	-	10	2	1008.4	+1	NW	2	or-	42	97	6	450	Nb	10	-	10	•
London (Kew Obsy.)	1008.6	-6	S	4	crr	43	97	6	450	Nb	9	ASt	10	7	1008.3	+1	-	0	orr	43	97	5	450	Nb	10	-	10	•
Croydon	1009.6	-5	S'E	5	orr	41	97	6	450	Nb	10	-	10	7	1008.3	+1	S	4	or$_0$r$_0$	41	97	6	450	Nb	10	-	10	•
Shoeburyness	1010.8	-5	S'W	6	or$_0$r$_0$	39	97	8	800	Nb	10	-	10	•	1009.3	-1	SSW	4	crr	39	97	7	800	Nb	7	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.5	-3	SSE	5	orr	38	92	6	4000	St	10	-	10	3
Felixstowe	1011.8	-6	S'E	6	crr	38	92	6	800	Nb	10	-	10	2	1010.4	-1	S'E	5	orr	38	92	6	800	Nb	10	-	10	4
Lympne	1012.3	-6	SSE	6	crr	38	97	6	450	St	10	-	10	2	1010.5	-2	SSE	5	orr	38	97	5	220	Nb	10	-	10	•
Scilly (St. Mary's)	1011.1	+2	NNW	5	bc-	49	75	8	-	-	0	ACu	5	•	1014.7	+4	NW	5	bc	47	75	8	4000	Cu	4	-	4	4
Falmouth (Pendennis)	1009.6	+1	N'W	3	c-	48	92	7	4000	StCu	5	CiSt	8	•	1013.8	+4	N	4	bc-	45	75	7	4000	CuNb	4	-	4	1
Plymouth (Cattewater)	1008.2	+2	NW	4	c/d	47	85	7	1500	Nb	3	ASt	8	2	1013.1	+6	N	3	b	44	75	7	-	-	0	-	0	0
Portland Bill	1005.8	-2	NW	6	orr	47	97	4	800	Nb	10	-	10	•	1010.1	+4	NW	4	bcU	46	85	8	2500	StCu	3	ASt	7	5
Southampton (Calshot)	1007.8	-5	S	7	orr	45	92	6	800	Nb	10	-	10	2	1008.7	+2	NNW	4	o/r	43	97	6	1500	St	10	-	10	3
Dungeness	1011.6	-6	SSW	6	cr$_0$r$_0$	41	97	6	450	StCu	10	-	10	•	1009.1	-4	SSW	6	orr	40	85	6	1050 (red)	Nb	10	-	10	5
Guernsey (Fort George)	1008.6	-4	S	5	or$_0$r$_0$	47	97	5	800	Nb	10	-	10	•	1010.9	+3	N	5	c	46	92	6	1500	StCu	10	-	10	4

London Observations.	Heights 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)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	c/orr	crror	Rr$_0$Ur$_0$	44	33	26	14	1	0.0	•	•	5
Croydon (24 hours ended 7h.)	244	omforr	orrr$_0$r$_0$	ocf$_0$mcm	42	33	29	18	2	0.0	•	•	5
Greenwich (Royal Obsy.)	149	crr	crr	crbcdjp	42	34	29	11	2	0.0	93	92	3
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	45	34	29	15		0.0	92	88	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	cor	or	•	42	34	29	17		•	•	96	•
Kensington Palace	80	or	or	•	43	34	31	15	2	•	(At 18h) 91	91	•
Hampstead Observatory	450	•	•	•						0.0	•		•
(red)					41	31	22	21	0.3			96	

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.0	19h 2nd	<0.3	4h. 3rd

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

Pole Star Record at Greenwich Obsy.

Exposure from 2nd 17 h 15 m. to 3rd 07 h 00 m.

Stars	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	04.03	29
δ Ursae Minoris	13.45	02.59	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, or 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 and 4th January, 1927.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.7 / 8.7	11.57 / 11.58	15.48 / 15.49
Greenwich	8.8 / 8.8	12.4 / 12.5	16.00 / 16.2
Wick	9.5 / 9.4	12.17 / 12.17	15.29 / 15.30
Valentia	8.51 / 8.51	12.45 / 12.46	16.39 / 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—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. U = 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.

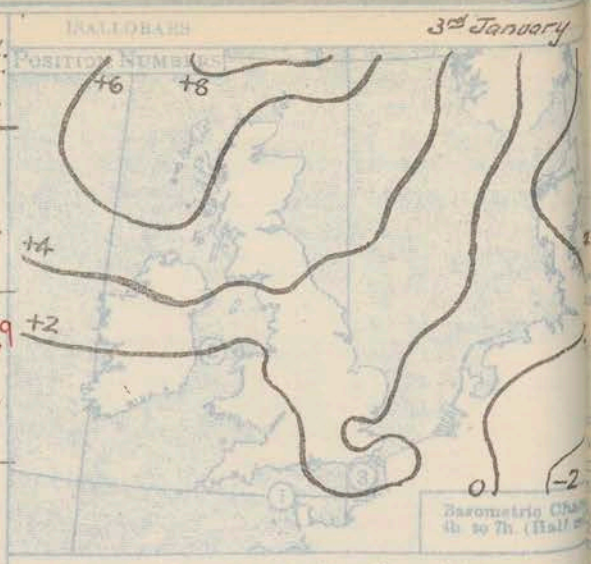
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 2nd	Weather. 18h.-18h. 2nd	Weather. 18h. 2nd to 1h. 3rd	Weather. 1h.-7h. 3rd	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 2nd. Hours.
Lerwick	oprc	cbcb	cp,bc	bcrp,r	46	39	.	2	18.00	1	22.00	0.0
Stornoway	c	b-bc	b-bc	bcpb	44	31	.	—	—	1	—	1.7
Wick	c	c	b-bc	b-bc	45	33	.	—	—	—	—	.
Tiree	pdo	pdco	bc	pr,bc	45	39	30	3	18.00	1	2.30	0.0
Nairn	cbc	bc	bcx	bc	42	31	.	—	—	—	—	1.5
Aberdeen	ocm,	cm,bcir	cir,m	cir,bcm,	42	34	29	Trace	17.30	1	21.00	0.1
Malin Head	bcrir	cirbc	bcirbcp	bcp,r	45	39	.	3	9.00	1	21.00	0.9
Renfrew	o,cbc	bccpr	cr,bcf	bccPb	45	31	23	0.3	16.30	2	21.00	2.89
Edinburgh (Inchkeith)	b-bc	b-bc	bcm	bcmm,	45	36	32	—	—	—	—	2.2
Leuchars ...	~~rd~~	b-bc	bbcx	bx	42	31	22	(Trace)	—	—	—	1.3
Eskdalemuir	ofecm,	cbcm,	bccm,	bcbx	39	32	29	—	—	—	—	1.7
Tynemouth	orr,off	off	bcm	bc	41	35	30	0.5	18.00	—	—	.
Blacksod Point ...	pbcq	Pqbc	p,qbc	pbcb	52	40	.	1	—	1	—	.
Donaghadee	bcb	bbcc	p,rbc	bc	46	35	.	—	—	0.1	21.00	.
Birr Castle	cbc	bc	bc	bcx	46	32	21	—	—	—	—	4.8
Holyhead	ocbcc	cbm,	b,cbcq	bc	46	42	40	—	—	—	—	2.6
Liverpool (Bidston) ...	rrr,c	cbc	bccrb	cp,bc	43	38	31	1	18.00	0.1	22.00	0.0
Chester (Sealand)	r,fc	cm,	bxbc	bcprh	43	36	25	2	18.00	0.4	5.30	0.0
Harrogate	ocrrof	cfc	cbc	bcb	40	35	30	2	18.00	—	—	0.0
Spurn Head	r-d	orrof	ffomc	bcmxc	38	35	.	13	18.00	Trace	21.00	0.0
Birmingham (Edgbaston)	orrf	fadc	c	cbor	43	36	31	6	18.00	0.1	4.30	0.0
Cranwell	orr-r	orrf	cf	cfz	40	33	31	13	18.00	—	—	0.0
Gorleston	corrq	ofrq	o,rof	ffo	38	34	33	15	18.00	8	21.00	0.0
Valentia (Cahirciveen)	bcp,c	bccph	bcphrb	bcphc	48	42	37	2	11.00	3	22.00	3.0
Roches Point	bbc	bcp,b	b	bcc	47	39	.	Trace	17.30	—	—	.
Pembroke (St. Ann's H.)	cbcpm	bc	bbc	bcq	48	43	.	2	18.00	—	—	3.8
Ross-on-Wye	rRr,c	c	cb	bbcpb	47	37	25	11	18.00	0.2	4.30	0.0
Leafield	orrqrrerc		bcwm	cbcw	41	33	30	11	18.00	0.2	—	0.0
Winchester (Worthy Dn.)	orrm,q	orrm,c	ocbc	bc	44	31	24	27	18.00	—	—	0.0
S. Farnborough ...	or,rm,	orrm,	or,cm,	cxr,r,	43	30	25	19	18.00	0.2	21.00	0.0
London (Kew Obsy.) ...	cr,rr	crrorr	Rcm	cmr,	44	33	26	14	18.00	1	21.00	0.0
Croydon	m,rrorr,r,		or,r,m	cm,	42	33	29	18	18.00	2	21.00	0.0
Shoeburyness	or,r,r	or,rorr	orr	oc	39	33	31	6	18.00	5	21.00	0.0
Clacton-on-Sea ...	orr	orr	orrc	cbc	38	35	33	9	9.00	9	21.00	0.0
Felixstowe	cr,rr	cm,rr	om,rr	ocm	38	35	31	12	9.00	7	21.00	0.0
Lympne	c,rrm,	cerrm,	orr,r,m,	or,bcm,	38	32	30	9	9.00	9	21.00	0.0
Scilly (St. Mary's) ...	orcb	bc	bc	bccp,	49	44	.	0.1	18.00	0.1	3.30	3.5
Falmouth (Pendennis)	oRcq	cbcq	bcprq	bbcq	50	42	.	2	9.00	0.3	22.00	2.2
Plymouth (Cattewater)	orqrr	cb	b,rb,r	bm,x	50	39	31	4	18.00	0.1	22.00	0.6
Portland Bill	rrrmm	orrbc	b	bcbr	48	42	.	11	18.00	—	—	.
Southampton (Calshot)	rrm,	orrm,q	cbcw	bcw	45	33	25	24	18.00	Trace	—	0.0
Dungeness	cz.orr	orr	orrd	adbc	[illegible]	33	.	6	9.00	5	21.00	.
Guernsey	crrq	orrcq	cbcq	bcq	48	43	.	11	18.00	—	—	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.
2	2nd 10h.	'SCOTIA'	W	5	bc/r	46
3	3rd 2h.	'DIEPPE'	NNW	4	c	39

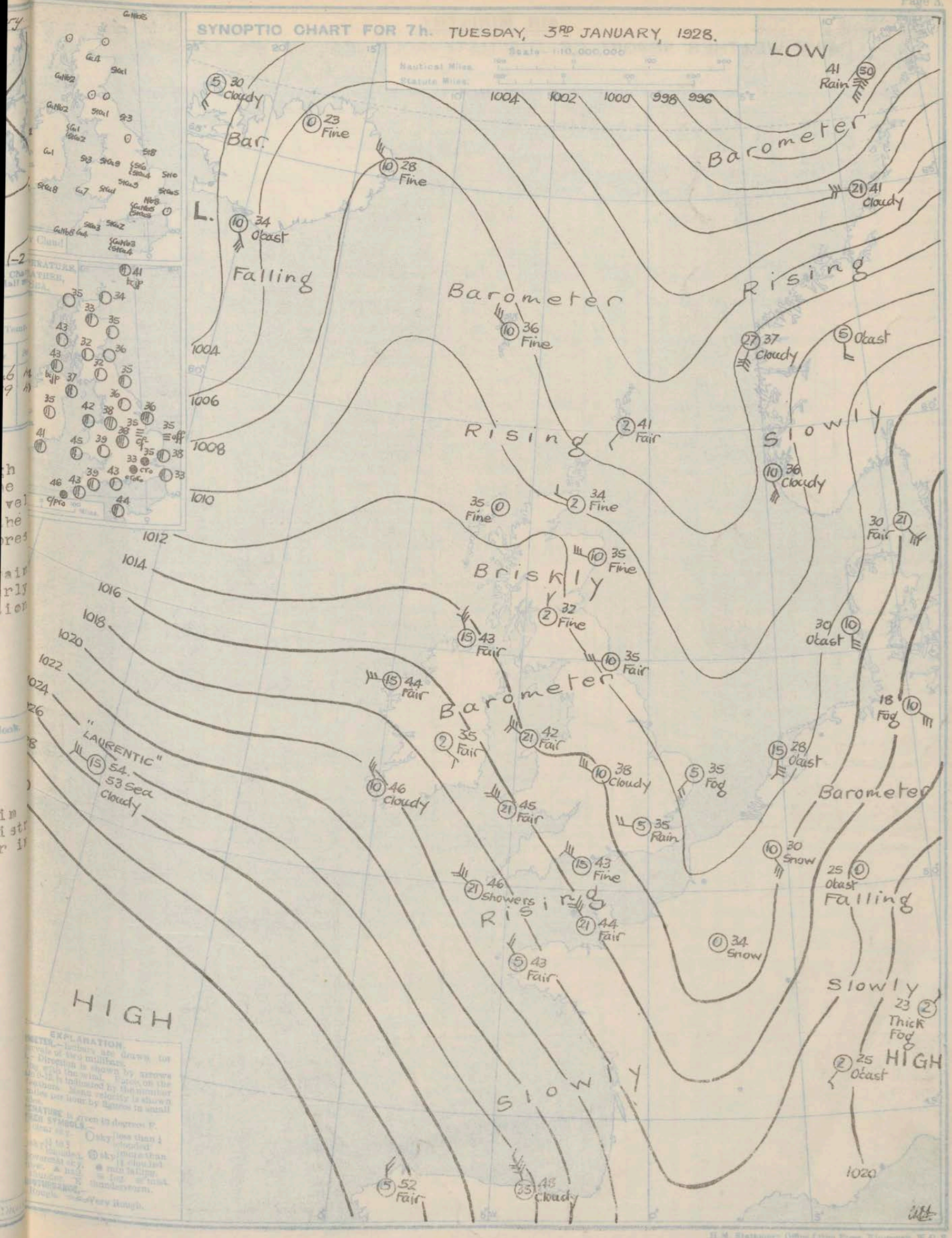
GENERAL INFERENCE.

In the rear of a trough of low pressure now over the North Sea a wedge of relatively high pressure is crossing the British Isles. A fresh depression is indicated southwest of Iceland. Weather will be mainly fair in the South but an early renewal of unsettled conditions is probable in the North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 3rd January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind N.W., light or moderate, mainly fair; local mist or slight fog evening and morning, moderate day temperature: ground frost locally at night.	Becoming unsettled in northern distr mainly fair i the South.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Moderate N.W. winds, probably backing to W. later, mainly fair today, perhaps showers tomorrow; moderate day temperature, ground frost locally at night.	
10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man 13. A. W. Scotland 13. B. NW. Scotland 14. Mid-Scotland	Wind N.W. backing W. or S.W. light to moderate or fresh, fair to cloudy; some rain or showers tomorrow, moderate day temperature · local ground frost inland tonight.	
15. N.E. Scotland 16. Orkneys and Shetlands	Freshening N.W. to N. winds, fair to cloudy, some showers; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	N.W. to N. winds, moderate or fresh, fair to cloudy; some showers tomorrow, moderate temperature; ground frost inland tonight.	

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

† For code see page 1 †Trace = rain not sufficient, but amount less than 0·1 mm.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday, 3rd January, 1928. No. 3

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	64	1004·1	+2	S	2	bc/p	44	85	7	4000	Cu.Nb.	4	–	4
Stornoway	30	1006·4	+1	NW	1	b–	•	•	8	•	•	•	•	2
Wick	81	1005·0	+1	SW	2	bc	34	85	8	–	–	0	Ci.St.	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1009·6	0	WNW	6	bc/pr	41	97	7	4000	Cu.Nb.	5	A.Cu.	7
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1007·3	+3	WSW	3	(mb–)	38	97	4	–	–	0	Ci.Cu.	1
Leuchars	40	•	•	•	•	mb	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1009·4	+2	WSW	2	bc/m	36	97	6	800	St.	4	–	4
Blacksod Point ...	18	1014·5	+1	W	6	bc	45	75	7	•	Cu.Nb.	6	–	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1011·9	+3	NW'W	6	bc+	43	92	7	1500	St.	2	A.Cu.	7
Liverpool (Bidston) ...	169	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1010·0	0	W	4	mc	37	97	4	–	–	0	Ci.St.	8
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1010·8	+1	W	3	fbc–	34	97	2	–	–	0	Ci.	5
Gorleston	14	1009·5	+1	WSW	1	ffo	37	97	2	450	St.	10	–	10
Valentia (Cahirciveen) P	30	1019·0	0	WNW	5	c/PR	43	92	8	*	St.	9	–	9
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1014·7	0	NW	5	bc+	44	75	8	4000	Cu.	4	–	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	38	•	•	•	•	•	•	•
Croydon	244	1011·7	+2	WNW	2	c	37	92	5	4000	St.Cu.	4	A.St.	9
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1010·3	0	NW'N	4	or	38	97	5	800	St.	10	–	10
Scilly (St. Mary's) ...	163	1018·1	+2	NW'N	5	bc	45	65	9	4000	Cu.	4	–	4
Falmouth (Pendennis)	200	1016·5	0	NW'N	4	b	43	75	8	4000	Cu.	2	–	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	52	1012·8	+1	NW	3	bc	43	75	8	2500	St.Cu.	4	–	4
Southampton (Calshot)	10	1012·9	+2	NW	3	bc	35	92	7	–	–	0	A.St.	3
Dungeness	20	1010·3	+1	N	2	ocld	40	97	6	450	Nb.	10	–	10
Guernsey (Fort George) P	295	1015·4	0	NW	4	oc+	44	85	7	4000	Cu.	6	–	6

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
Lerwick	1007·7	+8	SW	1	bc/p	41	85	8	4000	Cu.Nb.	5	–	5
Stornoway	1010·9	+6	–	0	b	35	97	7	–	–	0	–	0
Wick	1009·9	+4	WNW	1	b	34	97	8	–	–	0	Ci.St.	2
Tiree	1013·1	+7	N	3	b	43	75	8	2500	Cu.Nb.	2	–	2
Nairn	1012·6	•	–	0	bc–	33	85	8	4000	Cu.	4	–	4
Aberdeen	1011·7	+5	WNW	3	b	35	85	6	4000	St.Cu.	1	–	1
Malin Head	1014·5	+5	NNW	4	bc/p	43	92	8	4000	Cu.Nb.	2	A.Cu.	3
Renfrew	1013·2	+4	N	1	b/p	32	97	6	–	–	0	A.Cu.	1
Edinburgh (Inchkeith)	1011·7	+4	WSW	2	b	36	92	7	–	–	0	–	0
Leuchars	1012·0	+5	W	3	b	35	85	8	–	–	0	–	0
Eskdalemuir	1013·2	+5	NW	2	b	32	85	7	2500	St.Cu.	1	–	1
Tynemouth	1011·9	+2	W	2	bc	35	92	6	800	St.	3	–	3
Blacksod Point ...	1017·6	+3	W	4	bc	44	65	7	•	St.	4	–	4
Donaghadee	1014·6	+3	W	2	bc–	37	85	8	4000	St.Cu.	3	–	3
Birr Castle	1017·3	•	SE	1	bc–	38	92	7	1500	Cu.	1	Ci.Cu.	3
Holyhead	1013·9	+1	NW'W	5	bc	42	92	8	2500	St.	3	–	3
Liverpool (Bidston) ...	1013·8	+2	W'S	3	c+	38	97	7	1500	St.Cu.	9	–	9
Chester (Sealand) ...	1013·4	+2	WNW	3	b/PH	39	92	7	2500	Cu.	2	–	2
Harrogate	1013·3	+2	W	1	b–	36	92	7	–	–	0	A.Cu.	1
Spurn Head	1011·0	+2	WNW	3	c–	36	97	6	4000	St.	8	–	8
Birmingham (Edgbaston)	1014·6	+2	WNW	3	c	38	85	6	2500	St.Cu.	9	–	9
Cranwell	1012·9	+2	W'S	3	fc–	35	97	4	800	St.	10	–	10
Gorleston	1010·9	+1	~~SW~~	2	ffo	35	97	2	450	St.	10	–	10
Valentia (Cahirciveen) P	1020·6	+1	NNW	3	c	46	85	8	2500	St.Cu.	8	–	8
Roches Point	1019·1	+1	NW	3	c	41	97	8	1500	St.Cu.	8	–	8
Pembroke (St. Ann's H.)	1016·0	+1	NW	5	bc+	45	75	8	2500	Cu.	7	–	7
Ross-on-Wye	1014·7	+1	WNW	2	b	39	85	8	4000	St.Cu.	1	–	1
Leafield	1014·1	+1	NW	3	c	37	97	8	4000	St.Cu.	9	–	9
Winchester (Worthy Dn.)	1014·4	+2	W'N	2	bc	34	92	7	2500	St.Cu.	6	–	6
S. Farnborough ...	1013·8	+2	W	1	or/b	33	97	6	1500	Cu.Nb.	10	–	10
London (Kew Obsy.) ...	1013·5	+1	W	2	or	35	92	5	800	Nb.	8	A.Cu.	10
Croydon	1013·3	0	W'N	2	c+	35	97	6	2500	St.Cu.	10	–	10
Shoeburyness	1012·8	+2	–	0	bc+	34	97	5	2500	Cu.	4	–	4
Clacton-on-Sea ...	1011·5	+1	WNW	3	bc	35 ~~32~~	92	6	5700	St.Cu.	5	–	5
Felixstowe	1012·5	+2	WNW	2	mmc	35	92	4	–	–	0	Ci.	8
Lympne	1012·7	+2	NW	3	mmbc	33	97	4	–	–	0	Ci.	7
Scilly (St. Mary's) ...	1018·6	+1	NW	5	c/pr	46	85	8	4000	Cu.Nb.	8	–	8
Falmouth (Pendennis)	1018·3	0	NW	3	bc+	43	75	7	4000	Cu.	4	–	4
Plymouth (Cattewater)	1017·3	+1	ENE	1	bc+	39	85	6	4000	St.Cu.	3	–	3
Portland Bill	1015·0	+1	NW	4	b	43	75	8	2500	St.Cu.	2	–	2
Southampton (Calshot)	1014·5	+3	WNW	3	bc	35	92	7	4000	St.Cu.	4	–	4
Dungeness	1012·4	+3	N	1	bc–	33	97	6	–	–	0	A.Cu.	4
Guernsey (Fort George) P	1016·9	+1	NNW	5	bc	44	75	9	2500	St.Cu.	7	–	7

1000'

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 2nd January 1928.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. to 9h.	Temperature. Max. 9h.-17h.	Rainfall.† Night 17h.-9h.	Rainfall.† Day 9h.-17h.	Sunshine. Sunrise to Sunset.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F.	mm.	mm.	hr.
Berwick-on-Tweed	o	c	26	41	2	-	0·0
Douglas (I. o. M.) ...	c	b	33	45	11	-	3·7
Llandudno ...	c	cb	32	45	4	-	1·4
Colwyn Bay ...	orro	ocb	40	46	6	-	0·3
Rhyl...	opo	o	29	44	-	0·2	0·0
Wallasey	fr oc	cbc	32	42	9	0·5	0·0
Southport	focbc	bcc	*34	42	17	-	0·0
Blackpool	orrom	ecbc	32	43	13	-	0·0
Ilkley	ror	oc	26	43	12	1	0·0
Cleethorpes... ...	or	d	30	39	13	6	0·0
Skegness	r	r	33	40	16	11	0·0
Aberystwyth ...	ckfc	cbc	33	44	12	2	1·2
Bath	rr c	er	21	49	16	2	0·0
Cheltenham ...	orr	orf°f	38	47	13	10	0·0
Leamington Spa ...	omr	omr	32	43	16	1	0·0
Lowestoft	crr	crr	34	39	-	13	0·0
Felixstowe	emr	emr	35	38	-	10	0·0
Harwich & Dovercourt	r poc	r poc	32	38	-	12	0·0
Southend	orr	orr	32	40	0·6	3	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	occo	o	38	47	24	0·2	0·0
Bude	rc	cbcb	36	52	15	0·2	1·4
Penzance	ocb	bpr	46	50	36	0·3	3·3
Paignton	or	orpbc	31	51	26	0·3	0·0
Torquay	orr	orp b	33	50	22	1	0·1
Jersey	rr	rr	35	47	4	12	0·0
Weymouth	rr	pocb	31	49	16	6	0·0
Bournemouth ...	oror	roro	27	46	18	11	0·0
Ventnor ...	orm	orm	31	44	4	17	0·0
Portsmouth (S'thsea)	or	or	32	45	5	16	0·0
Bognor	rr	rr	39	44	2	19	0·0
Littlehampton ...	er	er	39	44	2	16	0·0
Worthing	orr	orr	34	43	2	19	0·0
Brighton	orr	orr	35	43	2	16	0·0
Eastbourne‖... ...	ro rr	rr	39	43	1	15	0·0
Hastings‖	oror	oror	38	41	0·5	11	0·0
Folkestone	omorm	orrm	35	39	-	5	0·0
Dover	ocor	ovr	35	39	-	6	0·0
Tunbridge Wells ...	or	or	32	42	2	12	0·0
Ramsgate	od	od	35	38	-	1	0·0
Margate	o	or	34	39	-	2	0·0
Deal	or	r	34	38	-	6	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. B24149 Wednesday 4th January 1928.

Observations at 13h. G.M.T. 3rd. / Observations at 18h. G.M.T. 3rd.

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	1011.2	+2	SW	1	b	43	85	8	4000	Cu	2		2	•	1010.3	-2	-	0	bc	40	92	8	4000	Cu	5	-	5	•
Stornoway	1015.2	+2	-	0	bc	39	92	6	4000	Cu	1	ASt	4	•	1012.6	-4	-	0	o	41	95	8	2500	St	10		10	0
Wick	1013.9	+2	SW	2	bc	40	92	8	2500	StCu	2	Ci	5	•	1013.3	-1	SW	2	c	38	92	8	4000	StCu	4	ASt	10	0
Tiree	1017.7	+2	NW	2	b	45	85	8	2500	Cu	1	Ci	2	0	1017.4	0	WNW	4	c+	44	85	8	1500	Cu	-	ASt	10	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.0	•	WSW	1	c+	38	85	7	1500	St	5	ASt	8	•
Aberdeen	1016.9	+3	W	2	b	39	85	7	-	-	0	Ci	1	3	1017.0	0	SW	2	bc+	36	85	6	-	-	0	CiSt	7	0
Malin Head	1019.3	+3	W	3	c	45	85	8	4000	Cu	1	CiCu	8	•	1019.7	+1	SW	3	c	42	92	7	5700	StCu	5	CiCu	8	2
Renfrew	1018.0	+3	WNW	1	b+	41	85	8	-	-	0	Ci	1	3	1019.9	+2	W	2	c	33	97	6	-	-	0	CiSt	8	•
Edinburgh (Inchkeith)	1016.8	+5	WSW	2	b/m	38	85	6	-	-	0	CiCu	1	•	1018.5	+2	WSW	2	b	36	92	6	-	-	0	CiCu	1	0
Leuchars	1017.6	+4	W	2	b	40	85	8	-	-	0	CiSt	1	3	1018.7	+1	W	1	bc	32	92	8	-	-	0	Ci	5	•
Eskdalemuir	1017.8	+4	-	0	b	39	95	8	-	-	0	-	0	•	1021.3	+4	-	0	b	27	97	8	-	-	0	Ci	2	•
Tynemouth	1017.1	+3	WNW	2	bc	40	85	5	800	St	3	-	3	7	1020.1	+3	W	2	bc/f	37	92	5	800	St	4	-	4	1
Blacksod Point	1021.4	+3	-	0	bc	47	75	6	-	-	0	Ci	7	•	1021.5	0	S	4	c	46	75	7	•	-	0	ASt	10	4
Donaghadee	1019.6	+5	NW	2	bc+	42	85	8	4000	Cu	4	-	4	•	1022.1	+4	WNW	?	bc	37	95	7	4000	StCu	3	-	3	1
Birr Castle	1021.3	•	N	1	bc	42	85	7	-	-	0	Ci	4	•	1023.8	•	N	?	c+	36	95	7	2500	StCu	6	ASt	9	•
Holyhead	1018.9	+4	N	3	c	43	85	8	4000	StCu	8	-	8	2	1022.8	+5	W'N	3	c	42	92	6	4000	StCu	7	ACu	8	\
Liverpool (Bidston)	1018.9	+4	NW'N	3	c-	41	85	7	1500	Nb	9	-	9	•	1022.1	+3	W	2	o	37	92	6	-	-	0	CiCu	-	•
Chester (Sealand)	1018.1	+4	NW	2	bc-	41	92	7	4000	Cu	5	-	5	2	1021.8	+3	NWW	1	o	34	97	6	2500	StCu	4	-	1	•
Harrogate	1017.2	+2	W'N	1	b	41	75	8	-	-	0	ACu	1	•	1021.4	+2	W	1	bc+	34	85	7	-	-	0	ACu	3f	•
Spurn Head	1015.7	+2	NW	3	bc	37	92	6	-	-	0	ACu	6	2	1018.9	+5	WNW	4	bc-	36	97	6	5700	StCu	8	-	8	1
Birmingham (Edgbaston)	1018.4	+3	NW	3	bc	39	95	5	2500	Cu	6	-	6	•	1022.5	+5	WNW	3	mmbc	37	92	4	2500	StCu	7	-	7	•
Cranwell	1016.6	+2	NW	3	b	39	95	5	-	-	0	-	0	2	1021.1	+4	WNW	3	c	37	92	5	4000	StCu	10	-	10	•
Gorleston	1014.3	+3	NW	3	fbc	39	97	4	800	St	5	-	5	2	1018.5	+4	WNW	2	c	38	97	5	4000	Cu	9	-	9	0
Valentia (Cahirciveen)	1023.4	+1	NNE	2	bc	48	65	8	2500	Cu	1	ACu	5	2	1026.0	+3	N	1	bc	41	92	8	2500	StCu	3	ACu	6	4
Roches Point	1022.7	+2	N	2	b	45	85	8	-	-	0	Ci	1	•	1025.2	+4	N	2	bc	43	92	8	1500	StCu	5	A	5	1
Pembroke (St. Ann's H.)	1019.3	+2	NW'N	4	c	43	85	8	2500	Cu	8	-	8	•	1023.4	+5	NE	2	c	39	92	8	2500	Cu	5	-	5	2
Ross-on-Wye	1017.7	+1	N'W	1	c	43	85	8	4000	Cu	-	-	-	2	1022.0	+4	-	0	c	37	95	8	-	-	0	Ci	8	•
Seafield	1017.2	+2	NNW	4	c-	39	85	7	4000	Cu	8	-	8	•	1021.7	+7	NW	2	c+	34	92	6	4000	St	8	-	8	•
Winchester (Worthy Dn.)	1017.5	+3	NNW	3	c	41	85	7	2500	StCu	9	-	9	2	1021.5	+4	NW	2	b-	34	97	6	-	-	0	-	0	•
S. Farnborough	1016.7	+2	NW	3	c	41	85	7	1500	St	10	-	10	2	1021.5	+5	NNW	1	bc-	38	97	6	1500	St	3	-	3	•
London (Kew Obsy.)	1016.4	+2	NNW	3	c	42	85	5	2500	StCu	9	ACu	9	2	1021.0	+5	NNW	1	c	39	85	6	4000	StCu	8	-	8	•
Croydon	1016.3	+1	NNW	2	mmc	41	85	4	800	St	8	ASt	10	7	1020.5	+5	NNW	2	c	40	85	4	800	St	10	-	10	•
Shoeburyness	1015.5	+2	N'W	3	c+	41	97	6	4000	StCu	8	-	8	•	1020.1	+4	NW	2	mo	35	97	4	450	St	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.3	+5	NW	3	b	36	97	6	-	-	0	-	0	1
Felixstowe	1015.2	+2	NW	3	bc	40	95	6	4000	StCu	1	ACu	2	2	1019.8	+4	NW	2	mmb	36	92	4	-	-	0	-	0	0
Lympne	1015.1	+2	NW'N	4	bc	38	97	5	800	St	10	-	10	2	1019.8	+4	NW'N	3	mmb	34	97	4	-	-	0	-	0	•
Scilly (St. Mary's)	1019.5	0	NNW	5	bc	47	85	8	4000	Cu	4	-	4	•	1023.2	+2	N	4	bc	45	85	8	4000	Cu	5	-	5	2
Falmouth (Pendennis)	1019.5	0	N'W	5	bc	45	75	8	4000	CuNb	3	ACu	5	•	1023.9	+5	NEN	?	bc	42	85	8	4000	StCu	6	-	6	0
Plymouth (Cattewater)	1018.6	0	NNW	2	bc+	44	85	8	1500	CuNb	3	-	3	2	1023.1	+5	NNE	2	b-	41	85	7	2500	CuNb	-	-	-	0
Portland Bill	1017.4	+1	NW	4	bc	45	85	8	2500	StCu	8	-	8	•	1020.9	+3	N'W	3	c	41	85	6	2500	StCu	-	-	-	-
Southampton (Calshot)	1017.6	+2	NNW	4	bc	41	95	8	5700	Cu	5	-	5	2	1021.5	+3	NW	2	c	40	95	6	1500	StCu	9	-	9	0
Dungeness	1016.5	+1	N	2	c+	40	95	5	450	St	10	-	10	•	1020.2	+5	N	3	c	34	97	5	450	St	9	-	9	-
Guernsey (Fort George)	1018.3	0	NNW	4	bc	45	75	8	2500	Cu	4	ACu	6	•	1022.0	+5	N	3	bc	43	75	8	2500	Cu	5	-	5	1

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.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	crfcm₀	cm₀	cm₀	43	33	26	Tr.	Tr.	0.3	*	*	5
Croydon }	244	cbfrcm	cmff	cmofbcd	41	32	29	Tr.	Tr.	0.0	*	*	6
Greenwich (Royal Obsy.)	149	cm	cm	cmfoc	42	32	28	-	-	0.0	80	80	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	43	33	~~27~~ (26)	-	-	0.0	77	80	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.2	*	*	*
Camden Square	110	c	c	*	41	32	29	Tr.		*	*	90	*
Kensington Palace	80	o	oc	*	42	32	30	-	-	*	(At 18h) 91	100	*
Hampstead Observatory	450	*	*	*	40	27	20	0.3	0.3	0.2	*	91	*

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.3	3rd 21h.	<0.3	4th 6h.

Kew Observatory Max.	Time.	Min.	Time.
0.3	3rd 23h.	<0.3	Rest of period.

Pole Star Record at Greenwich Obsy.

Exposure from 3rd 17 h. 15 m. to 4th 07 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	02.23	13
δ Ursae Minoris	13.45	01.17	9

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 and 5th January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	08.07 / 08.06	11.58 / 11.58	15.49 / 15.50
Greenwich	08.08 / 08.07	12.05 / 12.05	16.02 / 16.03
Wick	09.04 / 09.04	12.17 / 12.17	15.30 / 15.32
Valentia	08.51 / 08.51	12.46 / 12.46	16.40 / 16.41

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 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.

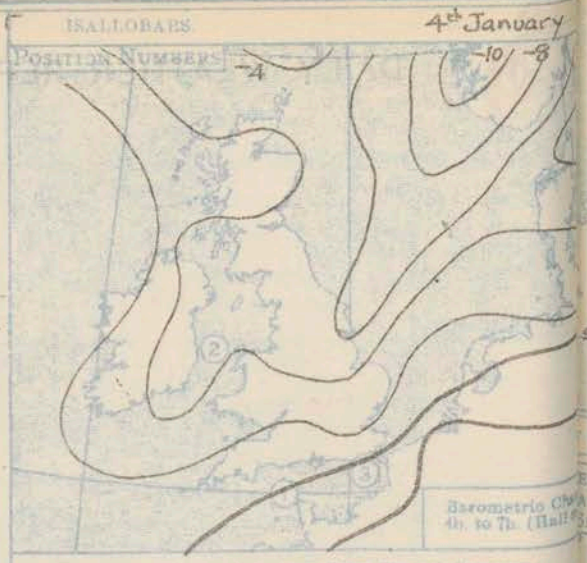
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† 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.-13h. 3rd	Weather. 13h.-18h. 3rd	Weather. 18h. 3rd to 1h. 4th	Weather. 1h.-7h. 4th	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 3rd. Hours
Lerwick	bcibrb	bibrbc	oir	acbor	44	40	.	1	18.00	4	21.00	2.9
Stornoway	bbc	o c	p	irorr	41	40	.	—	—	4	*	1.4
Wick	bbc	c	r-d	irorr	40	37	.	—	—	2	22.00	.
Tiree	bcco	co	oir	opr	46	43	40	—	—	4	21.00	3.2
Nairn	bc	bcc	cdq	c	38	38	.	—	—	0.6	21.00	4.8
Aberdeen	bmxb	bbcmx	bcmcr	crcm	39	35	29	—	—	0.6	22.00	5.1
Malin Head	bcbc	ce	ceodm	ammprq	46	42	.	Trace	18.00	3	22.00	2.3
Renfrew	brbm	bbcmc	cmx	comrq	43	32	27	—	—	0.1	6.30	4.5
Edinburgh (Inchkeith)	bmmin	bmm	c	p	41	35	33	—	—	Trace	4.30	3.9
Leuchars	brb	bbc	xco	co	41	31	26	—	—	5	1.30	5.9
Eskdalemuir	brb	b	bom	oidm	41	25	22	—	—	2	1.30	6.2
Tynemouth	bm	bcff	bcoim	o	40	35	29	—	—	—	—	.
Blacksod Point	bcbc	bco	do	do	52	44	.	—	—	1	*	.
Donaghadee	bbc	bc	c	orro	43	36	.	—	—	0.2	5.30	.
Birr Castle	bc	bcc	cobor	om	43	35	29	—	—	0.2	—	4.2
Holyhead	bcjbc	cbcc	cbc	com	44	38	34	—	—	—	—	3.2
Liverpool (Bidston)	cbbcc	cbcbc	bxbcc	cp	41	36	30	—	—	0.1	21.00	2.1
Chester (Seacombe)	bccm	bbcbx	bxm	bcpizm	42	29	28	—	—	0.1	3.30	2.6
Harrogate	b	bbc	bbc	bcqir	41	38	30	—	—	0.2	3.30	5.9
Spurn Head	cbc	cocbc	bcff	mocbr	37	33	.	—	—	Trace	5.30	4.0
Birmingham (Edgbaston)	crbc	bcbf	bcmb	bcrr	40	33	30	0.1	11.00	Trace	5.30	0.7
Cranwell	cmbcb	cm	ofc	mpro	39	31	30	—	—	0.1	5.30	3.5
Gorleston	ffobcmm	bcmcm	cmm	commm	41	33	32	—	—	—	—	2.2
Valentia (Cahirciveen)	cbc	bc	bcod	od	48	40	37	—	—	1	21.00	4.9
Roches Point	cbcb	bbc	b	bccmc	46	39	.	—	—	0.1	3.30	.
Pembroke (St. Ann's H.)	bcc	cbc	bcc	cbq	46	37	.	—	—	Trace	2.30	3.4
Ross-on-Wye	b	b	bmxf	bfcod	44	29	20	—	—	0.3	5.30	6.7
Lanfield	cfrbc	bcc	bcf	c	40	31	29	0.1	—	0.2	—	3.5
Winchester (Worthy Dn.)	bcc	cbcbm	bmx	cbor	41	29	23	—	—	0.1	3.30	3.8
S. Farnborough	crc	cbcm	bcmw	cmc	41	30	27	0.1	18.00	Trace	—	2.1
London (Kew Obsy.)	crcm	cm	cm	cm	43	33	26	Trace	18.00	Trace	—	0.3
Croydon	cbfrcm	cmff	cmoF	ofbcc	41	32	29	Trace	18.00	Trace	6.30	0.0
Shoeburyness	c	ccbcm	cm	om	44	32	31	—	—	—	—	1.2
Clacton-on-Sea	bcm	bcbm	sbccm	com	41	33	31	—	—	—	—	3.9
Felixstowe	bcbm	bbcbm	bmbcm	bccm	40	34	32	Trace	—	Trace	—	3.6
Lympne	bmmcm	bmm	bmbcf	bcfomq	38	29	27	—	—	0.2	22.00	0.0
Scilly (St. Mary's)	cbcb	bc	bc	c	48	41	.	0.2	9.00	—	—	2.7
Falmouth (Pendennis)	bcbrq	bc	bc	bccrb	46	38	.	0.2	11.00	Trace	6.30	4.6
Plymouth (Cattewater)	cbrbcm	bcbrb	b	bmxc	46	34	28	0.6	8.00	Trace	—	2.1
Portland Bill	bc	bcbf	bz	bcc	45	39	.	—	—	—	—	.
Southampton (Calshot)	bcwbm	bcbcm	bmbx	bcxcw	43	31	21	—	—	Trace	—	5.2
Dungeness	bcqm	bmqcm	bm	bcfqm	40	30	.	—	—	—	—	.
Guernsey	bcq	bc	bcbw	cbc	46	40	.	—	—	—	—	5.6



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.
2	3rd 10h.	'SCOTIA'	NW	5	bc	41
1	3rd 12h.	'REINDEER'	NNW	5	bc	47
3	4th 2h.	'BRIGHTON'	NNW	4	bc-	42

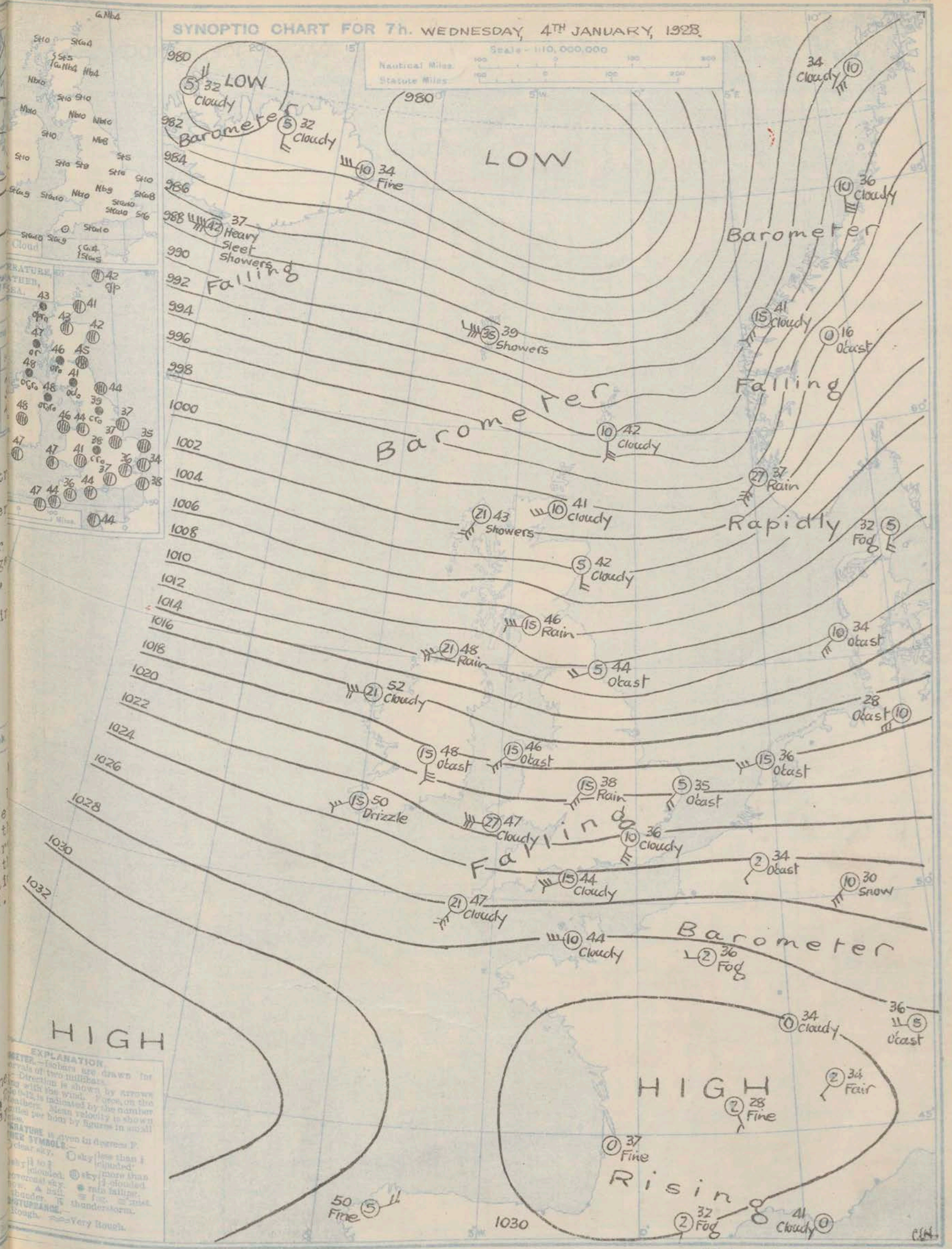
GENERAL INFERENCE.

An anticyclone is centr near the Azores and a deep depression north of the Fae is moving east-southeast. Winds will be westerly over British Isles, strong to a ga at times in exposed places, with generally cloudy mild weather and occasional rai or drizzle.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 4th January, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓	Wind between S.W. and W., strong to a gale at times in exposed places; cloudy, occasional drizzle; very mild.	Unsettled considerable periods in t South; gener mild but rat colder at ti in Scotland.
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 ↓	Wind between S.W. and W., strong to a gale at times; cloudy, occasional rain; very mild.	
13. (A. W. Scotland (B. N.W. Scotland ↓ 14. Mid-Scotland 15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓	Wind between S.W. and W., strong to a gale at times; cloudy, occasional rain; mild.	↓ South Cone hoisted 8h. G.M.T., toda
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	As 7 - 12.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0930 G.M.T. G. C. SIMPSON, F.R.S.

* 350/1820 m. 105 8/1915 13640 1/28. † 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:

Page 4. BRITISH SECTION. Wednesday 4th January 1928. No. 4th.

Stations.	Height above M.S.L. in feet.	Obs. at 1h. G.M.T. 4th Jan. 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. 4th Jan. 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	993·9	+2	S	4	or r	40	97	7	4000	Nb.	10	-	10	993·9	-4	S	4	c,p	42	85	8	4000	Cu.Nb.	4	A.St.	8	•
Stornoway	30	1005·4	-3	WNW	4	c	•	•	7	•	•	•	•	8	1001·0	-5	SW	5	o/pr	43	92	7	1500	St.	10	-	10	4
Wick	81	1003·2	-8	SW	4	cr	40	97	8	1500	St.	6	A.St.	8	1000·1	-2	WSW	3	c	41	97	8	2500	St.Cu.	4	A.St.	8	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·3	-3	WSW	4	or	47	85	7	1500	Nb.	10	-	10	3
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·1	•	W	3	c+	43	85	7	1500	St.	9	-	9	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·0	-3	S	2	c	42	85	6	2500	Nb.	4	A.St.	10	1
Malin Head	51	1014·8	-4	WSW	6	od	47	97	6	800	St.	10	-	10	1010·6	-4	WSW	5	or	48	97	6	2500	Nb.	10	-	10	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·2	-3	W'S	4	or	46	85	7	1500	St.	10	-	10	•
Edinburgh (Inchkeith)	190	1011·6	-7	SW	4	c+	41	75	8	800	St.	3	A.Cu.	9	1005·5	-5	WSW	4	o	46	85	8	1500	St.	10	-	10	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·2	-5	WSW	3	c	42	85	7	2500	St.	8	A.St.	10	•
Eskdalemuir	794	•	•	•	•	•	•	8	•	•	•	•	•	•	1009·6	-5	WSW	5	od	41	92	6	800	Nb.	10	-	10	•
Tynemouth	87	1017·7	-5	WSW	2	o/m	38	75	7	1500	Nb.	10	-	10	1010·9	-4	WSW	2	o	44	85	7	1500	Nb.	10	-	10	1
Blacksod Point ..	18	1019·7	-2	W	4	c	52	75	7	•	-	0	A.St.	10	1016·2	-2	W	5	c	52	75	6	•	-	0	A.St.	10	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·8	-6	WSW	2	or	48	85	7	2500	St.	10	-	10	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·6	•	S	4	o+	48	97	6	450	St.	10	-	10	•
Holyhead	23	1021·3	-2	SW'S	4	c+	43	85	8	1500	St.	9	-	9	1017·6	-3	SW	4	o	46	97	6	1500	St.	10	-	10	2
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·8	-4	SW'S	4	c-	44	85	8	2500	St.	9	-	9	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·2	-5	WSW	4	o	46	75	6	1500	St.	10	-	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·6	-5	SSW	5	cr	39	92	7	2500	Nb.	8	-	8	•
Spurn Head	29	1020·4	-1	WSW	4	mmo	35	97	4	220	St.	10	-	10	1015·2	-6	SW'W	5	c	37	92	7	1500	St.	5	A.St.	9	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·8	-4	SW	4	cr	38	85	8	2500	Nb.	9	-	9	•
Cranwell	236	1021·9	+1	SW'W	3	fo	34	97	4	800	St.	10	-	10	1017·7	-4	SW	5	(o/p)	37	92	6	800	St.	10	-	10	•
Gorleston	14	1021·2	+2	WSW	2	c	37	92	5	2500	St.	9	-	9	1019·8	-2	SW	2	o	35	92	5	1500	St.	10	-	10	0
Valentia (Cahirciveen)¶	30	1024·8	-1	WSW	3	odd	51	97	5	*	St.	10	-	10	1023·5	-3	WSW	4	od	50	97	5	220	St.	10	-	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·0	-4	SW	1	c	47	97	8	1500	St.Cu.	9	-	9	1
Pembroke (St. Ann's H.)	150	1025·1	+1	SW	4	c+	45	85	8	2500	St.Cu.	8	-	8	1021·8	-3	W'N	5	c	47	92	8	1500	St.Cu.	10	-	10	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·0	-3	SW	2	od	44	85	6	2500	Nb.	10	-	10	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·4	-2	SW	4	c	36	97	6	4000	St.Cu.	10	-	10	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·1	-1	SSW	3	c	36	92	7	2500	St.	8	-	8	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·5	-2	WSW	3	c	37	92	7	2500	St.Cu.	10	-	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	34	•	•	•	•	•	•	•	1023·0	-4	SW'S	3	c	36	97	5	4000	St.Cu.	10	-	10	•
Croydon	244	1024·3	+2	W'S	2	Fo	32	97	1	1150	St.	10	-	10	1023·2	-2	SW'W	4	c/pr	39	92	6	1500	St.Cu.	10	-	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·5	-2	SW	1	fo-	35	97	4	800	St.	10	-	10	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·3	-2	WNW	3	c	34	92	6	7200	St.Cu.	10	-	10	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·2	-1	SW	3	mmc	35	92	4	1500	St.	10	-	10	1
Lympne	350	1023·6	+3	NW'W	3	Fbc-	31	97	1	2500	St.Cu.	5	-	5	1023·6	-1	SW	4	mc	34	92	4	4000	St.Cu.	4	Ci.	9	•
Scilly (St. Mary's) ...	163	1027·2	0	W'N	1	c+	43	92	8	4000	St.Cu.	5	Ci.St.	8	1026·4	-1	SW'W	5	c	47	92	8	4000	St.Cu.	10	-	10	2
Falmouth (Pendennis)	300	1027·3	+2	-	0	bc+	40	85	8	4000	St.Cu.	3	A.Cu.	6	1026·5	-1	W	5	c/r	44	85	8	4000	St.Cu.	9	-	9	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·6	-1	NE	1	c+	36	97	6	-	-	0	Ci.	8	0
Portland Bill	32	1026·3	+2	W	1	b	40	85	6	-	-	0	Ci.St.	2	1025·0	-1	WSW	4	c	44	75	8	2500	St.Cu.	10	-	10	2
Southampton (Calshot)	10	1025·7	+2	W'N	1	bc	31	92	7	-	-	0	Ci.St.	7	1025·6	0	WSW	3	c	38	92	7	4000	St.Cu.	9	-	10	0
Dungeness	20	1033·9	+4	NW	1	mmb	33	97	4	-	-	0	-	0	1024·3	-1	W	3	c	38	97	5	450	St.	6	A.St.	9	2
Guernsey (Fort George) ¶	295	1027·8	+4	-	0	b-	37	97	7	4000	Cu.	2	-	2	1028·1	0	W	3	c	44	75	8	2500	St.Cu.	9	-	9	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3rd January 1928.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 2nd to 9h. 3rd °F.	Temperature. Max. 9h. 2nd-17h. 3rd °F.	Rainfall.† Night 17h.-9h. 2nd-3rd mm.	Rainfall.† Day 9h.-17h. 3rd mm.	Sunshine. Sunrise to Sunset. 3rd hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	cx	bc	32	39	Trace	-	5·2
Douglas (I. o. M.) ...	bcp	bc	38	44	1	—	3·8
Llandudno ...	rc	cbbc	39	43	0·2	3	0·0
Colwyn Bay ...	bbcrc	ccrb	39	43	0·5	1	0·1
Rhyl...	cbc	c	33	42	1	0·2	0·0
Wallasey	bcc	cbcb	37	41	0·5	-	1·9
Southport	b	b	*38	41	0·6	-	4·7
Blackpool	cp	cbcbm	38	41	0·4	-	5·4
Ilkley	xbcb	b	30	44	-	-	4·1
Cleethorpes... ...	fb	o	34	40	0·2	-	1·9
Skegness	ocbc	bcc	32	40	1	-	4·2
Aberystwyth ...	cbc	bc	40	43	-	-	1·4
Bath	b	b	32	44	Trace	Trace	6·5
Cheltenham ...	cmbcb	bccum	31	42	0·3	-	3·1
Leamington Spa ...	om	cm	30	41	0·4	-	2·2
Lowestoft	cfclc	bbcc	34	40	8	-	3·8
Felixstowe	bcm	bcm	32	41	12	-	3·7
Harwich & Dovercourt	xbcm	bcmf	33	41	8	-	3·8
Southend	mc	cbm	33	40	6	Trace	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	b	44	45	-	-	2·9
Bude	bbc	bbc	42	47	3	0·1	2·8
Penzance	bcprh	cprhb	43	48	1	4	3·1
Paignton	bwncm	bcb	38	47	-	Trace	3·2
Torquay	bmw	bcblp	36	46	-	Trace	3·8
Jersey	rbc	bc	42	48	1	-	5·8
Weymouth	b	b	36	46	0·1	-	6·7
Bournemouth ...	bcb	b	35	44	-	-	5·3
Ventnor ...	bc	bc	34	45	Trace	-	5·8
Portsmouth (S'thsea)	bcb	bco	34	43	1	-	4·3
Bognor	bc	c	38	44	1	-	3·8
Littlehampton ...	bc	bc	33	44	4	-	3·2
Worthing	bcc	c	34	42	5	-	1·7
Brighton	c	c	35	43	5	-	0·4
Eastbourne‖... ...	o	ocbc	36	43	9	-	0·0
Hastings‖	com	odcm	36	41	10	Trace	0·1
Folkestone	cmbcm	bc	37	41	9	-	2·5
Dover	mcbc	mbcb	37	41	10	-	2·6
Tunbridge Wells ...	oc	o	31	40	6	-	0·0
Ramsgate	om	obcbm	34	39	10	-	3·1
Margate	c	bc	36	39	14	-	3·0
Deal	oc	bc	33	39	14	-	1·8

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* Information not usually received. ¶ 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. B24150 Thursday, 5th January 1928. 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	Upper Form.	Total Amt. 0–10	State of ground.
Lerwick	987.8	-11	SW	3	cjp	40	97	8	4000	CuNb	5	ASt	9	•
Stornoway	995.9	-2	WNW	2 (25)	bc/r	43	85	7	4000	CuNb	4	-	4	•
Wick	994.0	-6	SW	2	cr₀	41	97	8	1500	Nb	8	ASt	10	•
Tiree	1002.0	-1	W'S	7	bc	47	75	8	1500	CuNb	6	-	6	-
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995.7	-9	SW'W	3	c+	43	85	7	2500	Nb	8	•	8	2
Malin Head	1006.2	-2	W'N	6	c/pR	49	85	7	4000	CuNb	9	-	9	•
Renfrew	1001.8	-8	W'N	6	c/r	48	75	7	1500	Cu	8	-	8	2
Edinburgh (Inchkeith)	998.5	-7	WSW	5	bc/p	45	85	7	2500	CuNb	3	ACu	6	•
Leuchars	997.1	-1	W	5	bc/p	43	92	7	1500	CuNb	2	ACu	3	2
Eskdalemuir	1003.2	-10	W	7	o/r	46	85	6	1500	StCu	10	-	10	4
Tynemouth	1003.5	-9	WSW	4	bc/r	48	92	6	1500	CuNb	7	-	7	•
Blacksod Point	1012.3	-2	W	5	c	52	85	6	-	-	0	ASt	10	•
Donaghadee	1007.7	-7	W	6	c+	(51)	85	7	4000	Cu	8	-	8	•
Birr Castle	1014.5	•	SW'W	4	c/r₀	49	97	6	800	Nb	10	-	10	•
Holyhead	1012.1	-6	SW'W	5	c/d₀	49	97	6	1500	StCu	10	-	10	2
Liverpool (Bidston)	1009.7	-9	WSW	7	c/pr₀	49	92	6	2500	Nb	10	CSt	10	•
Chester (Sealand)	1011.1	-8	WSW	5	o/r₀	49	85	6	800	St	10	-	10	2
Harrogate	1006.8	-11	SW	7	o/r	46	92	7	2500	Nb	6	ASt	10	•
Spurn Head	1007.8	-10	SW	6	or₀	43	92	6	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	1014.4	-6	SW	5	c	46	92	6	1500	Nb	9	-	9	2
Cranwell	1011.9	-10	SW	5	o/r	43	92	6	1500	Nb	10	-	10	•
Gorleston	1013.5	-5	SW	4	o/r	40	97	6	800	Nb	10	-	10	•
Valentia (Cahirciveen)	1021.2	-4	SW'W	5	c	51	85	8	1500	St	10	-	10	1
Roches Point	1020.1	-3	NW	5	c	50	97	8	1500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1017.0	-6	WSW	6	c	49	97	6	1500	St	10	-	10	•
Ross-on-Wye	1016.2	-6	SW'W	5	cd₀	47	97	6	2500	Nb	10	ASt	10	2
Leafield	1017.3	-5	SW	5	o	40	97	5	220	St	10	-	10	2
Winchester (Worthy Dn.)	1019.9	-6	SW	5	c	44	85	7	800	StCu	10	-	10	2
S. Farnborough	1019.1	-6	SW'W	4	c	44	85	8	1500	StCu	4	ASt	10	2
London (Kew Obsy.)	1018.5	-6	SW	5	c	44	75	7	800	StCu	4	ACu	10	2
Croydon	1019.1	-5	SW'W	5	c	45	85	6	4000	StCu	4	ASt	10	1
Shoeburyness	1017.9	-5	SW	4	c/r	43	85	6	4000	StCu	4	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1016.4	-8	SSW	5	c/r	42	85	5	1500	St	10	-	10	2
Lympne	1019.1	-6	SW	6	c/r	43	85	7	800	St	8	ASt	10	2
Scilly (St. Mary's)	1024.0	-2	W'S	6	of	50	97	6	800	St	10	-	10	•
Falmouth (Pendennis)	1023.1	-4	W	7	dd₀	48	97	4	1500	St	10	-	10	•
Plymouth (Cattewater)	1022.8	-6	SW	6	dd₀	47	97	5	450	Nb	10	-	10	2
Portland Bill	1020.2	-8	SW	7	cd₀	47	97	6	1500	St	10	ASt	10	•
Southampton (Calshot)	1020.8	-6	SW'W	6	cd₀	45	85	6	1500	Nb	7	ASt	10	2
Dungeness	1019.4	-6	WSW	5	c+	45	92	7	2000	Cu	2	ASt	10	•
Guernsey (Fort George)	1025.6	-7	WSW	5	c	46	97	8	1500	St	7	ASt	10	•

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

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	985.6	0	SW	8	c/p	40	85	8	4000	CuNb	7	ASt	9	•
Stornoway	997.5	+3	NW	6	c/p	40	85	7	4000	CuNb	8	-	8	3
Wick	993.8	+1	NW	6	c/p	38	97	8	1500	CuNb	6	CSt	8	6
Tiree	1003.8	+1	NW	6	bc	43	75	8	1500	Nb	7	-	7	3
Nairn	997.8	•	WNW	5	c/pR	38	97	8	800	Nb	9	-	9	•
Aberdeen	996.7	+1	WNW	6	b	40	85	8	-	-	0	ACu	2	0
Malin Head	1007.5	+1	W'N	6	c/pR	44	85	7	4000	CuNb	8	ACu	9	7
Renfrew	1002.8	+1	WNW	6	bc/r	41	85	7	2500	Cu	5	-	5	•
Edinburgh (Inchkeith)	1000.2	+2	WSW	6	b	41	75	8	-	-	0	ACu	1	3
Leuchars	999.0	+4	W	6	b	40	85	8	4000	StCu	6	-	6	•
Eskdalemuir	1002.8	+3	W	6	bc	41	75	7	1500	Cu	4	-	4	•
Tynemouth	1001.7	-3	W	6	bc	44	85	7	800	St	4	-	4	1
Blacksod Point	1015.1	+2	W	6	c	46	85	6	-	-	0	ASt	10	6
Donaghadee	1008.9	+2	NW	5	bc	45	75	7	4000	Nb	2	ACu	5	•
Birr Castle	1015.7	•	WSW	5	c	47	75	7	1500	StCu	5	-	5	•
Holyhead	1011.6	+1	WNW	6	c/r	48	85	7	2500	Nb	9	-	9	4
Liverpool (Bidston)	1009.5	0	W	6	c/r₀	47	85	7	1500	Nb	8	-	8	•
Chester (Sealand)	1010.2	0	W	4	c/r₀+	49	75	6	1500	Nb	8	-	8	•
Harrogate	1005.5	(+1)	SW	7	b	43	85	7	-	-	0	ACu	1	•
Spurn Head	1004.9	-2	W'N	7	bc	45	85	6	4000	Cu	5	ACu	7	3
Birmingham (Edgbaston)	1011.4	-1	WSW	4	c	48	75	7	1500	St	9	-	9	•
Cranwell	1009.6	-1	WSW	4	c	48	92	6	800	StCu	10	-	10	•
Gorleston	1008.6	-2	WSW	4	o	46	92	6	1500	Nb	10	-	10	1
Valentia (Cahirciveen)	1021.9	+2	W'N	5	c/p	50	75	8	1500	StCu	4	-	4	4
Roches Point	1019.2	0	NW	5	c/r₀	50	75	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1016.2	+1	SW	6	c	49	97	8	1500	StCu	10	-	10	6
Ross-on-Wye	1013.5	-2	SW	4	c	50	97	6	4000	StCu	9	-	9	•
Leafield	1012.8	-1	WSW	5	cb	45	92	7	4000	StCu	9	ACu	9	•
Winchester (Worthy Dn.)	1016.5	-3	W'S	5	c/r₀	48	85	7	800	StCu	10	-	10	•
S. Farnborough	1015.4	-4	W	5	o	48	97	6	800	St	10	-	10	•
London (Kew Obsy.)	1014.5	-4	WSW	6	or₀	49	97	6	450	Nb	10	-	10	•
Croydon	1014.5	-5	WSW	6	o	49	85	5	450	Nb	10	-	10	•
Shoeburyness	1013.9	-5	WSW	5	c	47	92	6	800	St	8	ASt	10	2
Clacton-on-Sea	1012.6	-3	WSW	4	o	45	92	6	4000	Nb	10	-	10	•
Felixstowe	1012.2	-4	SW'S	5	c/r	46	97	6	800	St	8	ASt	10	4
Lympne	1014.6	-4	SW	5	c/r₀	45	97	6	450	St	10	-	10	•
Scilly (St. Mary's)	1022.6	-1	W	6	c/r	50	97	6	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1022.5	0	W'S	5	cr₀	49	97	7	2500	Nb	10	ASt	10	-
Plymouth (Cattewater)	1021.4	0	WNW	5	cd₀	49	92	7	1500	Nb	8	ASt	10	4
Portland Bill	1018.2	-2	WSW	6	c	48	97	7	1500	Nb	8	ASt	10	3
Southampton (Calshot)	1017.6	-3	WSW	5	c	48	92	7	1500	StCu	10	-	10	4
Dungeness	1014.0	-6	WSW	6	dd	45 (95)	97	7	~~450~~	Nb	10	-	10	4
Guernsey (Fort George)	1023.1	+2	W	7	or₀r₀	48	97	[illegible]	450	St	10	-	10	6 1000

LONDON OBSERVATIONS.	Heights 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	cm₀c	cr₀	crcbcc	49	40	35	Tr	1	0.0	*	*	6
Greenwich (Royal Obsy.)	244	cm₀	cp₀r₀c₀	mcm₀	49	40	36	Tr	0.4	0.0	*	*	6
City (Bunhill Row)	149	cd₀c	cd₀c	cd₀rcb	49	39	30	Tr	1	0.0	87	78	4
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	*	0.0	*	*	*
Regent's Pk. (Botanic Gdns).	27	*	*	*	50	39	~~26~~ (30)	-	-	0.0	87	78	*
Camden Square	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Kensington Palace	110	c	co	*	48	38	32	-	1	*	*	86	*
Hampstead Observatory	80	co	co	*	49	40	29	-	1	*	(At 18h) 89	82	*
	450	*	*	*	48	34	25	Tr	0.3	0.0	*	81	*

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.
24 Hr. ended 7h. G.M.T. 5th

South Kensington Max.	Time.	Min.	Time.
0.8	9h 4th	<0.3	3h 5th

Kew Observatory Max.	Time.	Min.	Time.
<0.3 whole of period			

POLE STAR RECORD at Greenwich Obsy.
Exposure from 4th 17 h. 15 m. to 5th 7 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	7.3	51
δ Ursae Minoris	13.45	6.41	49

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 and 6th January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	08·06 / 08·06	11·58 / 11·59	15·50 / 15·51
Greenwich	08·07 / 08·07	12·05 / 12·06	16·03 / 16·04
Wick	09·04 / 09·03	12·17 / 12·18	15·32 / 15·33
Valentia	08·51 / 08·50	12·46 / 12·47	16·41 / 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—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, 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.

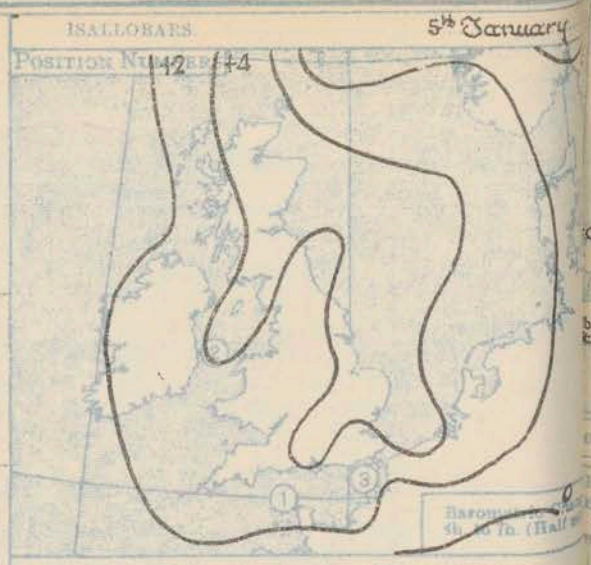
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3 Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† 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. 4th	WEATHER. 13h.-18h. 4th	WEATHER. 18h. 4th to 7h. 5th	WEATHER. 1h.-7h. 5th	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 4th. Hours
Lerwick	c1pr	c1prq	cPHbq	cPHq	44	35	•	4	<8.00	4	<21.00	0.0
Stornoway	b	b	p	bcpH	44	37	•	8	*	3	*	0.9
Wick	1cr	rprs	cprs	c1rs	42	35	•	8	12.30	5	<21.00	•
Tiree	cbpro	prbq	prhbc	prbc	49	39	37	2	<8.00	3	<21.00	0.2
Nairn	cRbc	bcPR	cqpr	bc	43	35	•	12	9.00	3	<21.00	0.1
Aberdeen	cmc	crbc	b	bq	44	38	32	1	13.30	–	–	0.6
Malin Head	orrcqPR	cPR	cqbcPHR	bcqPHR	49	39	•	9	<8.00	3	<21.00	0.3
Renfrew	prrPcq	cP	cpr	cpr	49	36	32	6	<8.00	4	<21.00	0.6
Edinburgh (Inchkeith)	PRc	p	b	b-bc	46	39	35	5	<8.00	–	–	0.5
Leuchars	cbcoir	bcb	b-bc	b-bc	47	34	30	1	11.00	–	–	1.9
Eskdalemuir	corm	ocbcbc	bcp	b	46	35	33	9	<8.00	1	<21.00	0.0
Tynemouth	oirm	bcq	bcq	bc	50	38	32	1	11.00	–	–	•
Blacksod Point ...	d	P	bqcbc	pbco	52	42	•	1	*	Trace	*	•
Donaghadee	rrc	cprbc	prbc	bc	51	38	•	4	<8.00	0.2	<21.00	•
Birr Castle	cr	crr	bc	bc	50	37	31	0.6	9.00	–	–	0.0
Holyhead	pcid	crPc	cbq	bq	50	42	41	2	9.00	–	–	0.0
Liverpool (Bidston) ...	por	qpr	cRHq	cbq	49	39	36	1	<8.00	3	<21.00	0.0
Chester (Sealand) ...	cpr	cirmq	cprq	bcq	52	42	38	0.1	11.00	0.4	<21.00	0.1
Harrogate	cQrr	cQrrcb	bbccq	bcb	47	37	33	10	<8.00	–	–	0.0
Spurn Head	cqor	orbc	b-bc	b-bc	47	38	•	1	<8.00	–	–	0.0
Birmingham (Edgbaston)	eprc	cd	cbcpr	bc	49	39	34	0.2	9.00	0.4	<21.00	0.0
Cranwell	dr	orc	b-bc	b-bc	48	38	35	0.4	<8.00	0.3	<21.00	0.0
Gorleston	oir	orrbq	cqprbc	bcbq	46	39	36	3	9.00	0.6	<21.00	0.0
Valentia (Cahirciveen)	odo	oidc	b.op	bccp	51	46	40	0.3	<8.00	Trace	<21.00	0.0
Roches Point	c	cbc	cbc	bcb	52	43	•	0.1	16.30	–	–	•
Pembroke (St. Ann's H.)	orfeq	cm	bccp	cbcq	49	44	•	Trace	<8.00	Trace	<21.00	0.0
Ross-on-Wye	cocid	dc	cbcq	bbcb	50	40	33	Trace	11.00	–	–	0.0
Leafield	cirqw	c	cpbc	bbc	46	36	34	0.2	<8.00	0.6	22.00	0.0
Winchester (Worthy Dn.)	c	crr	crrpr	cbcb	48	36	32	0.1	14.30	0.3	<21.00	0.0
S. Farnborough ...	cprc	crc	cbcc	cb	48	39	33	Trace	9.00	Trace	–	0.0
London (Kew Obsy.) ...	cmc	cr	crcbcr	cb	49	40	35	Trace	17.30	1	<21.00	0.0
Croydon	cm	cprr	omc	crqprb	45	40	36	Trace	13.30	0.4	24.00	0.0
Shoeburyness	omirm	omq	bco	erbc	47	38	35	1	9.00	1	1.30	0.0
Clacton-on-Sea ...	omorr	orrpo	opc	cpbcb	45	39	35	2	9.00	1	<21.00	0.0
Felixstowe	cmorc	cm	cmr	crbcb	46	40	37	1	9.00	3	22.00	0.0
Lympne	cmmc	crm	crormq	errbmb	45	36	32	Trace	14.30	6	<21.00	0.0
Scilly (St. Mary's) ...	ceifd	ofrrc	cp	cbc	50	47	•	1	11.00	0.2	22.00	0.6
Falmouth (Pendennis)	omdq	omdqc	crq	cbcq	50	45	•	1	<8.00	0.1	<21.00	0.0
Plymouth (Cattewater)	coddm	oqddmc	coddd	cmb	50	45	41	1	11.00	0.3	<21.00	0.0
Portland Bill	cb	cb	cpc	cb	49	45	•	–	–	Trace	22.00	•
Southampton (Calshot)	cmdq	rcq	cprcq	cbcb	48	40	36	0.1	14.30	Trace	<21.00	0.0
Dungeness	cbc	codd	cdc	cbcb	46	37	•	0.4	14.30	Trace	<21.00	•
Guernsey	bq	corrq	rrrc	ocbq	48	40	•	0.6	14.30	2	<21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	
2	4th 10h	Scotia	WSW	6	C+	49	46
3	5th 2h	Dieppe	W	6	c	49	

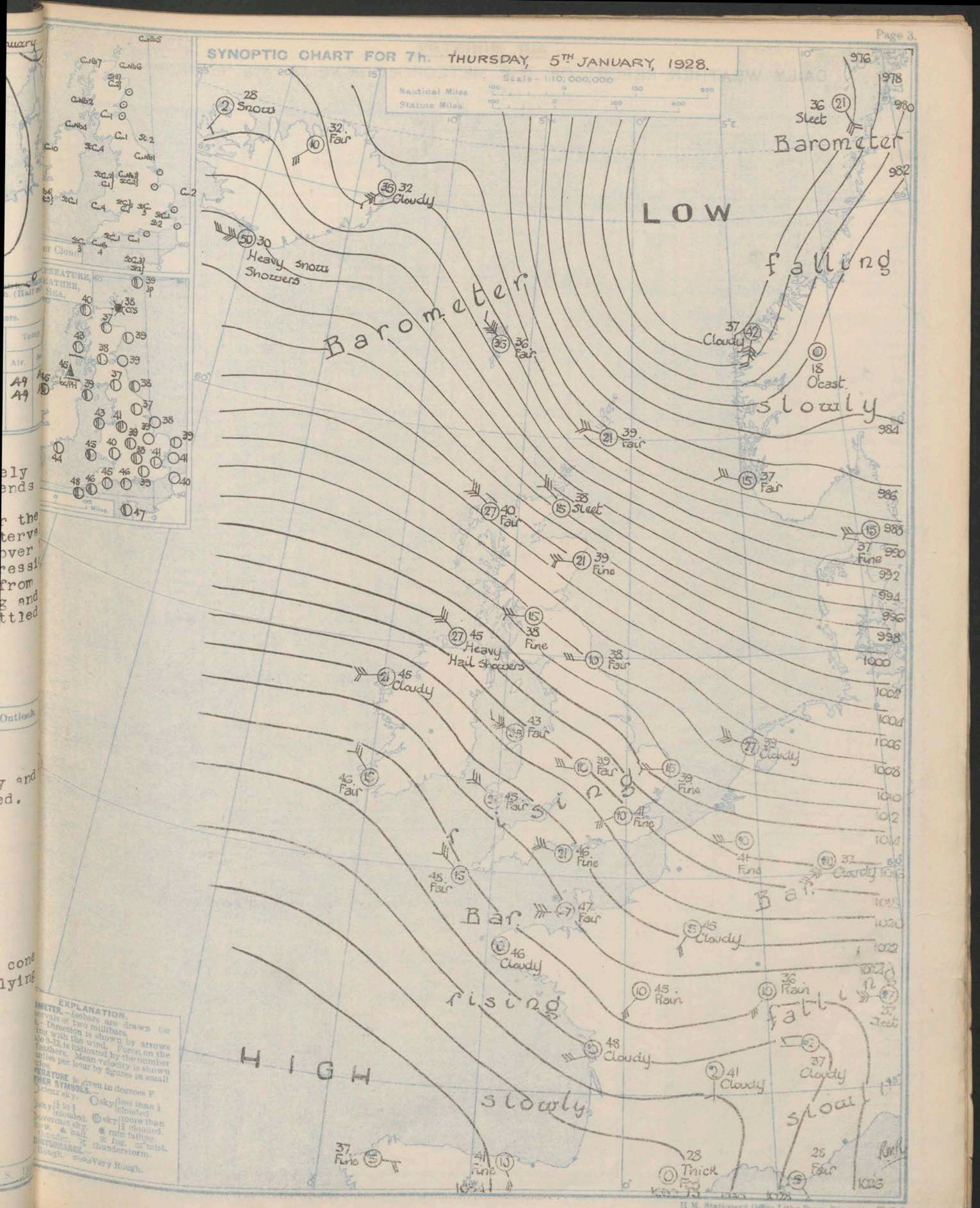
GENERAL INFERENCE.

A wedge of relatively high pressure which extends northeastwards from an anticyclone centred near the Azores will cause an interval of mainly fine weather over the British Isles but a depression will probably approach from the Atlantic before long and cause a renewal of unsettled weather.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 5th January, 1928.	Further Outlook.
1. S.E. England ✝ 2. E. England ✝ 3. E. Midlands 4. W. Midlands 5. S.W. England ✝ 6. South Wales ✝	Westerly wind, backing to southwest, fresh to strong at first, moderating temporarily; fine today, frost in most places tonight, probably cloudier and milder tomorrow.	Stormy and unsettled.
7. North Wales ✝ 8. N.W. England ✝ 9. N. Midlands 10. N.E. England ✝	Strong westerly wind, backing to southwest and moderating temporarily; mainly fine today, frost in most places tonight, probably cloudier andmilder tomorrow.	
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 ✝ 19. S.E. Ireland ✝ 20. S.W. Ireland ✝	Strong westerly wind, backing to southwest and moderating temporarily; mainly fine today, frost locally at first tonight; becoming cloudy and milder, probably some rain tomorrow.	✝ South cone still flying

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0900 G.M.T. G. W. SIMPSON, F.R.S.

Wt 250/1820 Wt 105 D.1415 15640 1/28. ‡ For code see page 3. † 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. Thursday, 5th January 1928. No. 5.

STATIONS.	Height above M.S.L. in feet.	1h. 5th 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	7h. 5th 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	987.4	+1	SW	4	bcjp	40	85	8	4000	CuNb	5	-	5	988.0	+1	W'N	5	bcjp	39	75	8	4000	CuNb	5	FlSt	7
Stornoway	30	1001.5	+2	NW	5	bc/PH	•	•	7	•	•	•	•	7	1005.2	+5	NW	6	bc/h	40	85	7	4000	CuNb	7	-	7
Wick	81	995.6	+1	NW	3	c/prs₀	38	97	8	1500	CuNb	5	CuSt	8	999.5	+3	NW	4	crs	38	85	8	1500	CuNb	6	Ci	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	+2	W'N	7	b	43	75	8	1500	CuNb	2	-	2
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.1	•	WNW	5	bc	37	85	8	1500	St	5	-	5
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.4	+3	W	5	b	39	75	7	-	-	0	FlCu	1
Malin Head	51	1011.7	+3	WNW	7	bc/PH	44	75	7	4000	CuNb	4	-	4	1016.1	+3	NW	6	bc/PH	45	85	7	4000	CuNb	4	-	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.9	+4	W	4	b/r	38	75	8	4000	Cu	1	-	1
Edinburgh (Inchkeith)	190	1002.8	+3	WSW	5	b	40	75	8	-	-	0	FlCu	1	1006.9	+4	WSW	5	b	39	75	8	-	-	0	-	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.9	+5	W	5	b	37	75	8	-	-	0	-	0
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.2	+4	NW'W	7	b	37	75	8	2500	Cu	1	-	1
Tynemouth	67	1006.2	+3	W	3	bc	44	85	7	800	St	3	-	3	1009.4	+3	W	3	bc	38	85	8	1500	St	2	FlCu	3
Blacksod Point	18	1019.2	+3	W	6	bc	46	85	7	•	CuNb	6	-	6	1022.5	+2	W	5	c	45	75	7	•	StCu	10	-	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.3	+5	WNW	3	bc-	39	85	8	5700	StCu	4	-	4
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•		•	WSW	3	bc+	41	92	7	2500	StCu	7	-	7
Holyhead	26	1014.0	+3	NW'W	7	b	44	85	8	2500	Cu	2	-	2	1018.4	+5	NW'W	7	bc+	43	85	7	2500	StCu	3	-	3
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.0	+3	W	5	c-	41	85	7	800	CuNb	9	-	9
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.7	+4	W	6	bc	42	75	8	2500	StCu	3	-	3
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.9	+3	WSW	4	b	37	85	8	4000	CuNb	1	-	1
Spurn Head	29	1006.6	0	W'N	7	b-	40	65	7	-	-	0	-	0	1010.0	+4	W'N	7	b	38	85	7	-	-	0	-	0
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.0	+5	W	3	bc	39	75	8	2500	StCu	3	-	3
Cranwell	238	1011.1	+2	W	5	b	42	75	7	2500	Cu	2	-	2	1014.6	+2	W'S	4	b	39	85	7	-	-	0	-	0
Gorleston	14	1009.2	+1	W'S	3	bc-	42	85	7	-	-	0	FlCu	4	1012.0	+3	W	4	b	39	85	8	5700	Cu	2	-	2
Valentia (Cahirciveen) ₱	30	1025.0	+2	NW	5	c	47	92	8	-	Cu	10	-	10	1027.7	+1	NW'N	4	bc	46	85	8	2500	CuNb	7	-	7
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1034.7	+4	N	3	b	44	92	8	2500	StCu	1	-	1
Pembroke (St. Ann's H.)	150	1019.9	+2	NW'N	5	c	47	75	8	1500	StCu	10	-	10	1022.7	+2	NW	5	bc-	45	75	8	1500	Cu	5	-	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.0	+3	W	3	b	40	75	8	4000	StCu	1	-	1
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.5	+3	W	5	bc+	38	85	6	4000	StCu	3	FlCu	4
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.4	+3	W'N	4	b	37	85	7	-	-	0	-	0
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.6	+5	W	2	b	39	85	8	2500	St	2	-	2
London (Kew Obsy.)	18	•	•	•	•	•	47	•	•	•	•	•	•	•	1018.7	+5	W'S	3	b	41	75	7	-	StCu	1	-	1
Croydon	244	1014.9	+2	W'S	4	cr₀+	47	85	6	800	Nb	10	-	10	1018.5	+3	W	3	b	40	85	7	-	-	0	-	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.0	+4	WSW	2	b	39	92	6	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.7	+2	WNW	4	b	41	85	7	-	-	0	-	0
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.3	+4	W	5	b	40	75	7	4000	StCu	1	-	1
Lympne	350	1014.7	0	SWW	4	orr	44	97	6	800	St	10	-	10	1017.9	+3	W'S	4	b	37	85	6 7	-	-	0	-	0
Scilly (St. Mary's)	163	1023.0	0	WNW	6	c	49	85	8	4000	StCu	8	-	8	1026.0	+3	NW	4	bc-	48	85	7	4000	StCu	3	-	3
Falmouth (Pendennis)	200	1023.1	0	WNW	4	c	49	85	8	4000	StCu	10	-	10	1025.8	+2	NW'N	4	bc	46	75	8	4000	CuNb	4	-	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.9	+4	NW	4	b-	45	75	7	4000	StCu	1	-	1
Portland Bill	32	1018.2	+2	W	4	c	47	85	8	2500	StCu	8	FlSt	10	1021.1	+3	W'N	5	b	46	75	8	2500	Cu	1	-	1
Southampton (Calshot)	10	1017.3	+2	W'N	5	c	46	75	8	4000	StCu	7	FlCu	8	1021.2	+4	W'N	3	b	41	75	8	-	-	0	-	0
Dungeness	20	1013.9	0	WSW	5	c-	45	91	7	1500	Cu	3	FlCu	9	1018.1	+5	W	3	b-	40	85	8	-	-	0	-	0
Guernsey (Fort George) ₱	295	1022.2	0	W	5	bc+	49	97	7	2500	StCu	6	-	6	1023.8	+2	W	6	bc	47	75	7	1500	StCu	5	-	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4th January 1928.

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	ocr₀	bcb	33	48	Trace	Trace	0.3
Douglas (I. o. M.)	op	c	36	50	-	1	0.0
Llandudno	dcd	rrc	39	49	-	3	0.0
Colwyn Bay	o oc	corr	38	53	-	3	0.0
Rhyl	cro	ocr	32	50	0.1	1	0.0
Wallasey	cr	rcP	34	48	0.3	2	0.0
Southport	or	ro	*36	46	0.5	3	0.0
Blackpool	cor	or	31	46	1	5	0.0
Ilkley	or	oro	28	44	0.3	9	0.0
Cleethorpes	ro	or	32	47	2	0.6	0.0
Skegness	bbccor	o	31	47	Trace	1	0.0
Aberystwyth	cr₀c	c	33	45	0.3	-	0.0
Bath	cr₀	cr₀o	29	49	2	1	0.0
Cheltenham‖	cdc	cd₀c	31	48	0.3	Trace	0.0
Leamington Spa	op	c	33	48	0.1	0.1	0.0
Lowestoft	c	ir	33	45	Trace	3	0.0
Felixstowe	cmp	cmbom	33	44	Trace	1	0.0
Harwich & Dovercourt	ocd	ocmr	33	48	Trace	1	0.0
Southend	oro	o	32	44	Trace	1	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	od	do	39	45	-	0.4	0.0
Bude	dgc	cod	30	49	1	0.2	0.0
Penzance	odr	prc	36	51	1	2	0.0
Paignton	od	p₀c	32	50	-	0.3	0.0
Torquay	op₀	do	35	51	-	0.1	0.0
Jersey	c	cr	34	48	-	0.2	0.0
Weymouth	oc	c	32	49	0.1	-	0.0
Bournemouth	o	o	32	48	-	-	0.0
Ventnor	c	om	32	47	-	-	0.0
Portsmouth (S'thsea)	oe	oe	32	47	-	-	0.0
Bognor	o	o	30	46	0.3	-	0.0
Littlehampton	c	c	30	46	-	-	0.0
Worthing	c	co	31	45	-	-	0.0
Brighton	od	o	32	45	-	Trace	0.0
Eastbourne‖	or₀	r₀o	34	47	Trace	1	0.0
Hastings‖	xompd	ord	32	46	0.3	1	0.0
Folkestone	om	ir₀	34	45	-	0.2	0.0
Dover	oir₀	oir₀	35	46	-	0.2	0.0
Tunbridge Wells	oco	odo	30	46	Trace	Trace	0.0
Ramsgate	om	omo	35	46	-	-	0.0
Margate	od₀	c	35	46	-	Trace	0.0
Deal	op₀o	o	34	46	-	Trace	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.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24151 Friday 6th January 1928. 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	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	995.5	+3	W	4	bc	39	75	8	4000	Cu	4	-	4	·
Stornoway	1008.2	+1	NW	5	c/PH	41	85	7	4000	CuNb	9	-	9	·
Wick	1006.3	+6	W	3	crs	39	85	8	1500	CuNb	6	CiSt	8	·
Tiree	1014.5	+1	WNW	6	c+	43	75	8	1500	CuNb	7	ASt	10	2
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1008.0	+2	WNW	4	b	40	75	8	1500	StCu	2	Ci	2	3
Malin Head	1017.8	0	W'N	6	c/ph	45	85	7	4000	StCu	9	~~ASt~~	9	·
Renfrew	1014.2	+2	WNW	4	c	41	85	8	1500	Nb	8	ASt	10	2
Edinburgh (Inchkeith)	1010.7	+3	W	5	c	40 (~~41~~)	75	8	-	-	0	ASt	8	·
Leuchars	1011.0	+4	W	5	bc	40	75	8	-	-	0	Ci	0	—
Eskdalemuir	1014.1	+3	WNW	6	c/pr.	38	75	8	2500	Nb	2	ASt	9	3
Tynemouth	1013.4	+2	W	4	bc	42	75	7	1500	St	3	ACu	6	·
Blacksod Point	1022.2	-1	W	4	c	47	75	7	-	StCu	8	-	8	·
Donaghadee	1019.6	+1	WNW	2	bc+	43	75	8	4000	StCu	3	CiSt	6	·
Birr Castle	1023.4	·	WSW	2	bc	44	85	7	2500	StCu	7	-	7	·
Holyhead	1022.8	+4	W	5	c	44	85	6	4000	StCu	8	ASt	9	2
Liverpool (Bidston)	1020.0	+2	W'S	7	c⊕	42	85	7	1500	StCu	1	ASt	10	·
Chester (Sealand)	1020.7	+4	W	4	c⊕	45	65	7	1500	St	3	CiSt	9	1
Harrogate	1017.9	+3	WSW	3	c+	40	85	8	4000	Nb	1	ASt	9	·
Spurn Head	1014.9	+2	W'N	7	c+	41	85	6	4000	Cu	3	ACu	8	·
Birmingham (Edgbaston)	1021.7	+2	W	4	cd	43	65	7	2500	Cu	2	ASt	7	2
Cranwell	1019.0	+3	W	5	c	42	75	7	2500	StCu	9	-	9	·
Gorleston	1016.0	+4	W	4	b	43	75	6	-	-	0	ACu	2	·
Valentia (Cahirciveen)	1027.7	-1	W	2	c	48	75	8	2500	St	10	-	10	1
Roches Point	1027.7	+2	NW	2	c	46	85	8	1500	StCu	9	-	8	·
Pembroke (St. Ann's H.)	1025.8	+2	W'S	5	c/p	46	75	8	2500	StCu	6	CiSt	8	·
Ross-on-Wye	1023.2	+2	W'S	3	bc	45	65	8	2500	StCu	8	CiSt	10	2
Leafield	1021.8	+1	W'N	6	bc	42	75	7	-	-	0	ASt	7	·
Winchester (Worthy Dn.)	1023.7	+1	W	4	c⊕	44	75	7	-	-	0	CiSt	10	2
S. Farnborough	1023.8	+2	W'N	4	c	45	65	8	2500	Cu	1	CiSt	8	2
London (Kew Obsy.)	1021.8	+1	W'N	4	bc+	45	65	7	-	-	0	CiCu	7	2
Croydon	1021.8	+1	W'N	4	bc+	45	65	6	2500	Cu	1	CiSt	4	7
Shoeburyness	1020.7	+4	NW	5	b	45	85	8	-	-	0	ACu	1	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	1018.7	+1	W	5	b	44	65	8	4000	Cu	1	Ci	2	1
Lympne	1021.0	+2	W	5	b	44	65	7	-	-	0	Ci	1	2
Scilly (St. Mary's)	1026.7	0	SW'W	4	bc	49	75	7	4000	Cu	3	Ci	5	·
Falmouth (Pendennis)	1028.3	0	NW'N	3	c+	48	65	8	4000	Cu	5	ACu	8	·
Plymouth (Cattewater)	1027.0	0	NW	4	bc	47	65	8	2500	Cu	4	ACu	5	2
Portland Bill	1025.0	+1	WNW	4	c+	47	75	8	2500	St	3	Ci	5	·
Southampton (Calshot)	1024.0	+1	WNW	5	c+	45	65	8	4000	StCu	1	CiCu	5	0
Dungeness	1022.8	+2	WNW	3	bc+	46	65	8	1500	Cu	2	CiCu	5	·
Guernsey (Fort George)	1027.1	0	NW	4	bc	47	65	8	2500	Cu	4	Ci	5	·

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	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	997.9	+2	W	3	bc	39	65	8	4000	Cu	3	-	3	3
Stornoway	1007.1	-3	NW	4	c/PH	39	93	7	4000	CuNb	10	-	10	·
Wick	1005.4	0	NW	3	c	38	97	8	2500	CuNb	6	CiSt	8	0
Tiree	1011.8	-2	SW	4	o	44	85	8	1500	St	10	-	10	4
Nairn	1008.1	·	WNW	2	c/r	39	85	7	1500	CuNb	8	-	8	·
Aberdeen	1009.1	+1	WSW	3	c	40	75	8	1500	StCu	3	ACu	8	0
Malin Head	1014.1	-4	WSW	5	c/r	43	97	7	4000	StCu	9	-	9	6
Renfrew	1013.1	0	W	6	cd	42	85	7	2500	StCu	5	CiSt	10	·
Edinburgh (Inchkeith)	1011.6	+1	W	5	c+	41	85	8	-	-	0	ASt	10	3
Leuchars	1011.4	0	WSW	5	c	39	85	8	2500	StCu	2	ASt	9	·
Eskdalemuir	1014.4	+2	SW'W	4	c/pr	39	85	8	2500	Cu	0	-	9	·
Tynemouth	1014.6	0	W	3	c+	41	85	7	1500	Nb	8	-	8	4
Blacksod Point	1015.4	-4	SW	4	oRR	46	97	6	·	Nb	10	-	10	4
Donaghadee	1018.7	-3	W	2	c-	42	85	7	5700	StCu	5	ASt	8	2
Birr Castle	1020.1	·	SW	2	c+	43	85	7	450	St	2	ASt	10	·
Holyhead	1020.4	-3	WSW	5	cd	45	85	6	2500	StCu	10	-	10	1
Liverpool (Bidston)	1020.0	-1	W'S	3	cD	41	75	7	2500	StCu	6	CiCu	8	·
Chester (Sealand)	1020.2	-1	WSW	3	bc	42	75	7	-	-	0	ACu	6	·
Harrogate	1018.0	0	SW	4	c+	40	85	7	2500	Nb	4	ASt	9	·
Spurn Head	1016.6	0	W	6	c	40	85	6	4000	St	6	ACu	9	4
Birmingham (Edgbaston)	1022.7	0	SW	3	c	40	75	7	-	-	0	ACu	9	·
Cranwell	1020.1	0	WSW	4	bc-	40	85	6	-	-	0	ASt	9	·
Gorleston	1018.8	+2	W'S	3	c+	40	85	6	-	-	0	CiCu	8	0
Valentia (Cahirciveen)	1022.7	-7	SW	3	c	48	85	7	1500	St	8	ASt	10	4
Roches Point	1024.8	-3	NW	2	c	46	85	7	1500	StCu	8	-	9	4
Pembroke (St. Ann's H.)	1024.3	-1	W'S	6	c	47	75	7	2500	Cu	6	ACu	8	·
Ross-on-Wye	1023.2	0	WSW	3	cd	41	75	7	4000	StCu	0	ACu	4	·
Leafield	1023.2	-1	SW	3	bc	38	85	7	-	-	0	ACu	7	·
Winchester (Worthy Dn.)	1025.3	+1	SW	3	c	41	85	7	5700	StCu	9	-	9	·
S. Farnborough	1024.3	+1	WSW	4	c	40	85	8	-	-	0	ASt	9	·
London (Kew Obsy.)	1024.1	+1	SW	3	c	41	85	6	-	-	0	ACu	9	·
Croydon	1023.6	-1	WSW	4	c	41	75	5	-	-	0	CiCu	9	·
Shoeburyness	1023.1	+4	SW'W	3	b-	40	93	6	-	-	0	ACu	1	·
Clacton-on-Sea	1022.0	+2	WNW	3	bc	39	85	7	-	-	0	ASt	7	3
Felixstowe	1022.2	+2	SW'W	4	cd	42	75	7	-	-	0	CiSt	8	·
Lympne	1023.6	+1	WSW	4	bc-	38	85	6	-	-	0	CiSt	6	·
Scilly (St. Mary's)	1028.1	-2	W	4	c+	48	75	8	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1028.8	0	WNW	3	c+	45	85	8	4000	StCu	9	-	9	-
Plymouth (Cattewater)	1027.3	0	WSW	4	c	44	75	7	1500	St	10	-	10	0
Portland Bill	1026.4	0	WNW	4	c	44	75	8	2500	StCu	0	-	9	2
Southampton (Calshot)	1026.4	0	W'S	3	c	42	85	8	-	-	0	ACu	9	0
Dungeness	1024.0	+1	WNW	3	c	41	85	7	-	-	0	CiSt	8	2
Guernsey (Fort George)	1028.7	+2	W	3	c	45	85	8	2500	StCu	9	-	9	4

Unusual Phenomena.

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 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew / Croydon } 24 hours ended 7h.	18	bm, bc	bccm₀	cm, rrq	45	41	38	-	4	4.4	·	·	8
Greenwich (Royal Obsy.)	244	bbcz₀	cz₀m₀	cmovrcq	45	40	38	-	4	4.7	·	·	7
City (Bunhill Row)	149	bzm	bcm	crrcq	45	41	34	-	5	3.3	65	84	6
Westminster (St. James' Pk.)	80	·	·	·	·	·	·	·	·	2.4	·	·	·
Regent's Pk. (Botanic Gdns).	27	·	·	·	53	40	~~28~~	5		2.7	54	86	·
Camden Square	168	·	·	·	·	·	(32)	·	·	4.1	·	·	·
Kensington Palace	110	b	bc	·	45	41	36	-	5	·	·	86	·
Hampstead Observatory	80	bbc	bcc	·	44	42	39	-	4	·	(At 18h 74)	87	·
	450	·	·	·	52	36	27	-	5	4.3	·	91	·

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time	Min.	Time.
1.0	17h 5th	<0.3	2h 6th

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

Pole Star Record at Greenwich Obsy.

Exposure from 5th 17 h. 15 m. to 6th 7 h. 9 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	1.32	11
δ Ursae Minoris	13.45	0.49	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.

6th & 7th January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.6 / 8.6	11.59 / 11.59	15.51 / 15.53
Greenwich	8.7 / 8.7	12.6 / 12.6	16.4 / 16.5
Wick	9.3 / 9.2	12.18 / 12.18	15.33 / 15.35
Valentia	8.50 / 8.50	12.47 / 12.47	16.43 / 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.
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. Ʊ = lunar halo.
With present weather is combined, whenever possible, the general character of the weather.
λ "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.

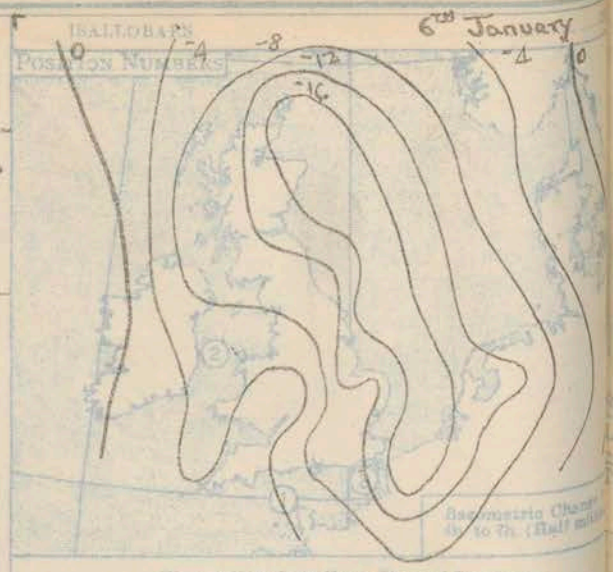
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h. 18h. 5th	Weather. 13h.-18h. 5th	Weather. 18h. 5th to 1h. 6th	Weather. 1h.-7h. 6th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. mm.	Rainfall.† Day. 7h.-18h. begsn.	Rainfall.† Night. mm.	Rainfall.† Night. 18h.-7h. begsn.	Sun 5th Hours
Lerwick	ulpbsnpc	cp,bc	c	cprr	41	39	.	2	<8.00	1	<21.00	0·9
Stornoway	p	p	r-d	r d	42	38	.	3	*	22	*	0·3
Wick	cihrs	cihrs	cr,r	cr,r	40	35	.	6	<8.00	13	<21.00	.
Tiree	prco	rco	hrr	pRoq	45	41	40	1	<8.00	10	<21.00	0·0
Nairn	bcplu	bccpr	cpr	bc	40	37	.	1	9.00	5	22.00	0·1
Aberdeen	bprbqe	bbcc	bbc	cir	40	38	32	Trace	<8.00	5	1.30	3·5
Malin Head	bcqcbur	c	orrmq	?orrR	45	40	.	0.5	<8.00	15	<21.00	0·1
Renfrew	cbprcpq	cq	cqorr	orRrq	42	39	37	1	<8.00	8	22.00	0·4
Edinburgh (Inchkeith)	pbc	c	p	d PR	42	39	37	—	—	4	22.00	2·6
Leuchars	bbc	bcc	corrc	cir	42	~~37~~ 38	35	—	—	2	22.00	2·9
Eskdalemuir	pc	bcc	cporr	orrm	40	35	33	0.1	12.30	15	<21.00	2·0
Tynemouth	bc	bc	oir	oirq	43	39	37	—	—	3	24.00	.
Blacksod Point ...	bcc	qRr	Rqo	Rqoqr	(47)	46	.	1	*	4	*	.
Donaghadee	pc	bcc	orr	rrpr	44	40	.	—	—	10	<21.00	.
Birr Castle	bc	bcc	cr,r	or,r	45	40	40	—	—	3	<21.00	0·9
Holyhead	bccm	cm	crrm	ir,m	45	42	41	—	—	11	<21.00	1·1
Liverpool (Bidston) ...	cbbcc	bccoc	cor,r	rrcq	42	40	39	Trace	<8.00	10	22.00	0·7
Chester (Sealand) ...	bc	c	bc,rr	rr	45	42	37	—	—	10	22.00	2·0
Harrogate	b,bcc	cr,bcc	cbcpq	cqrrr	41	35	33	0.2	14.30	9	<21.00	2·8
Spurn Head	bbc	c	or	oro	42	38	.	—	—	4	24.00	3·8
Birmingham (Edgbaston)	bc	bcc	corr	orc	43	38	36	—	—	4	1.30	2·3
Cranwell	bcbbc	cbc	c,cr	crc	43	37	36	—	—	3	24.00	3·2
Gorleston ... bq	bc	bbc	c	orr	43	38	37	—	—	4	22.30	4·2
Valentia (Cahirciveen)	bcbco	bco	ord	odrad	49	47	45	—	—	3	<21.00	0·0
Roches Point	bcc	c	cir	c	47	45	.	—	—	1	<21.00	.
Pembroke (St. Ann's H.)	bccq	cr	orrmq	?orm	47	45	.	—	—	3	<21.00	2·6
Ross-on-Wye	bbcd	cdcbc	bccr	cbqyc	45	41	37	Trace	14.30	1	22.00	3·0
Leafield	bc	cbc	bccr	cr,r	(42)	37	35	—	—	1	24.00	3·1
Winchester (Worthy Dn.)	bmc	c	cr	crq	44	37	34	—	—	1	24.00	3·7
S Farnborough ...	bbcc	c	cr,r	drd	45	39	37	—	—	1	24.00	4·2
London (Kew Obsy.) ...	bmbc	bccm	crr	orr,c	45	41	38	—	—	4	24.00	4·4
Croydon	bbc3	c3m	crr	orrc	45	40	38	—	—	4	24.00	4·7
Shoeburyness	b	pcbu	corr	orro	45	38	36	—	—	6	24.00	4·9
Clacton-on-Sea ...	b	bbc	bccm	crrorq	44	37	33	—	—	8	24.00	4·8
Felixstowe	b	bbcc	c	crrqc	45	39	37	—	—	~~5~~ 7	1.30	4·8
Lympne	b	bbcc3	bcqbcor	orrm	44	36	33	—	—	6	24.00	5·3
Scilly (St. Mary's) ...	bc	pcc	cp,or	orr	50	48	.	—	—	2	22.00	3·9
Falmouth (Pendennis)	bccpq	cbcc	cor	rrqr	49	45	.	Trace	<8.00	4	<21.00	4·6
Plymouth (Cattewater)	bbcq	cbcc	coq	oddq	49	46	44	—	—	3	1.30	4·8
Portland Bill	pcc	c	cop	orrc	47	42	.	—	—	1	24.00	.
Southampton (Calshot)	bc	c	c	qrrd	45	41	38	—	—	2	2.30	4·4
Dungeness	bbc	bcbc	bcd	drrq	46	~~X~~	.	—	—	3	24.00	.
Guernsey	bcq	bcc	bbcc	corrq	48	44	.	—	—	3	2.30	5·2



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	5th 10h	Scotia	NW	6	c-	43	41
1	5th 12h	Reindeer	NW	6	bc	48	50
3	6th 2h	Brighton	W	5	c+	46	45

GENERAL INFERENCE.

A deep depression over Northern Scotland is growing deeper and will probably move rapidly east. Another depression far out on the Atlantic will approach the British Isles before long. Stormy and unsettled weather will continue with winds mainly from between southwest and west.

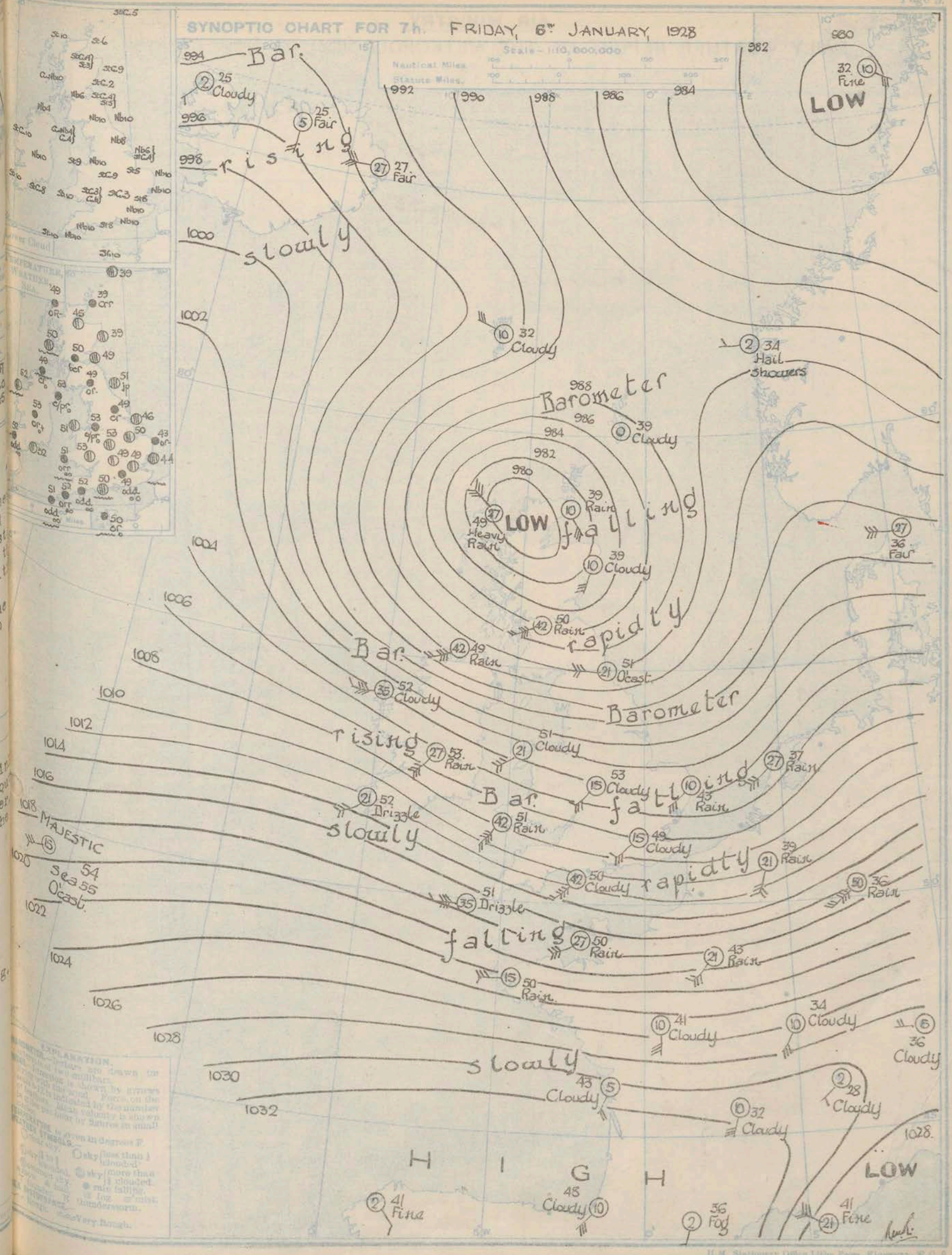
X meas. out of order

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 6th January, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓	Wind between W. and SW., strong to a gale, moderating somewhat for a time; mainly cloudy; occasional rain or drizzle; very mild.	Stormy and unsettled; mild in the South; temperature very variable in the North.
7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands 10. N.E. England ↓	Wind between W. and SW., strong to a gale, moderating somewhat for a time; showery at first, with bright intervals; sky becoming generally overcast again with further rain; mild.	↓ South cone still flying.
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 ↓	Wind northwesterly, backing to south temporarily, strong to a gale at times; showers of rain, hail or sleet at first, sky becoming generally overcast again with further rain; moderate temperature to mild.	
16. Orkneys and Shetlands ↓	Wind varying greatly in force and direction; cloudy, occasional rain; moderate to rather low temperature.	
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Wind between W. and NW., backing to south temporarily, strong to a gale at times; showery at first with bright intervals, sky becoming generally overcast again with further rain, mild.	

As 0 - 6.

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

† For code see page 2 + 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... Friday, 6th January ......1928. No. 6

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

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	995·6	-2	W	2	c	39	75	8	5700	StCu	5	ASt	10
Stornoway	30	993·6	-18	S	6	or	*	*	6	*	*	*	*	10
Wick	81	997·5	-8	SW	2	c-Gc₀	39	97	8	1500	St	5	ASt	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	997·8	-11	SW	5	orr	49	97	5	4000	Nb	10	-	10
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1001·1	-15	WSW	3	or₀	40	92	8	450	St	10	-	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	87	1004·7	-11	SSW	2	cjp	42	92	7	1500	Nb	10	-	10
Blacksod Point	18	1004·5	-3	S	7	c	50	75	7	*	-	0	ASt	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1006·9	-20	SW	6	orr	46	97	6	1500	Nb	10	-	10
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1010·6	-8	SW'S	4	or	39	97	6	2500	Nb	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1012·1	-12	SSW	5	crr	39	92	6	1500	Nb	6	ASt	10
Gorleston	14	1015·2	-6	SW	2	c	40	85	7	-	-	0	ASt	10
Valentia (Cahirciveen) P	30	1015·0	-3	SW	7	orr	52	97	5	-	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1012·7	-13	SW	8	orr	48	97	5	800	St	10	-	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	42	*	*	*	*	*	*	*
Croydon	244	1018·1	-8	SW	4	orr	42	92	7	1500	Nb	10	-	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	360	1019·9	-5	SW	4	or₀r₀	39	92	6	1500	St	10	-	10
Scilly (St. Mary's)	163	1020·8	-7	SW'W	7	or₀	49	97	6	4000	Nb	10	-	10
Falmouth (Pendennis)	200	1020·4	-6	WSW	8	or₀r₀	48	85	6	2500	Nb	10	-	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1019·3	-10	SW	6	o/pr₀	48	75	8	2500	Nb	10	-	10
Southampton (Calshot)	10	1019·1	-9	WSW	4	c	45	85	8	1500	St	9	ASt	10
Dungeness	20	1019·7	-9	WSW	3	cd₀	43	85	8	1500	Nb	9	-	9
Guernsey (Fort George) P	295	1024·0	-6	SW	4	ct	47	85	7	4000	StCu	10	-	10

Observations at 7h. 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	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	987·4	-7	-	0	c	39	85	8	5700	StCu	5	ASt	10	*
Stornoway	977·9	-8	NW	6	oR	49	92	6	1500	St	10	-	10	5
Wick	980·8	-16	SSE	3	crr	39	97	8	1500	St	6	ASt	10	1
Tiree	984·7	-9	WNW	7	c	50	85	7	1500	CuNb	10	-	10	7
Nairn	979·8	*	WNW	2	bc/r	45	85	8	1500	StCu	7	-	7	*
Aberdeen	982·3	-16	SSW	3	c/r	39	92	7	2500	StCu	9	-	9	0
Malin Head	990·6	-8	WSW	8	cr₀	49	85	6	4000	Nb	4	ASt	10	7
Renfrew	~~985·2~~ 998·2	+12	W'S	8	bcr	50	92	7	1500	Nb	6	ASt	7	*
Edinburgh (Inchkeith)	985·2	-15	W	5	c/r	49	92	8	800	St	9	-	9	3
Leuchars	983·8	-17	WSW	4	b/r	42	92	7	1500	StCu	2	-	2	*
Eskdalemuir	989·4	-12	WSW	6	or	49	92	6	800	Nb	10	-	10	*
Tynemouth	990·0	-8	W	5	ojp	51	92	6	1500	Nb	10	-	10	4
Blacksod Point	1002·5	+2	W	7	c	52	75	6	*	StCu	10	-	10	7
Donaghadee	993·4	6 (58)	WNW	8	c/pr₀	53	75	7	2500	Cu	8	-	8	4
Birr Castle	1004·5	*	SW	6	oSt	53	92	6	800	Nb	10	-	10	*
Holyhead	1001·6	-6	SW'W	5	c	51	92	6	1500	St	9	-	9	3
Liverpool (Bidston)	997·9	-6	WSW	6	o/pr₀	53	85	8	1500	Nb	10	-	10	*
Chester (Sealand)	999·2	-6	SW'W	5	c/pr₀	53	85	8	2500	Nb	9	-	9	*
Harrogate	994·9	-9	SW	7	cr	49	97	7	2500	Nb	8	ASt	10	*
Spurn Head	996·4	-16	WSW	6	c	46	92	7	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	1002·9	-2	SW	4	c	53	85	8	1500	StCu	9	-	9	*
Cranwell	999·4	-13	SW'W	5	c/r	50	92	6	800	St	5	ASt	10	*
Gorleston	1000·9	-12	SW'W	3	or	43	97	6	800	Nb	10	-	10	0
Valentia (Cahirciveen) P	1013·7	0	WSW	5	od₀d₀	52	97	6	800	St	10	-	10	4
Roches Point	1011·3	-3	W	3	c	52	97	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1007·3	-4	SW	8	or₀r₀	51	97	5	1500	St	10	-	10	6
Ross-on-Wye	1005·2	-2	WSW	5	c	53	85	8	2500	Cu	9	-	9	*
Leafield	1005·0	-7	SW'W	6	bc	49	97	7	2500	StCu	3	Ci	5	*
Winchester (Worthy Dn.)	1008·2	-7	SW	5	cr₀	52	92	7	1500	Nb	8	-	8	*
S. Farnborough	1007·3	-11	WSW	5	od₀d₀	49	97	7	1500	Nb	10	-	10	*
London (Kew Obsy.)	1006·3	-9	SW	4	ct	49	92	7	1500	St	8	ASt	9	*
Croydon	1007·0	-6	WSW	6	cr₀	50	92	7	800	StCu	10	-	10	
Shoeburyness	1005·2	-5	WSW	5	c/r	49	92	5	800	StCu	10	-	10	*
Clacton-on-Sea	1005·0	-13	SW	5	o	44	92	7	4000	Nb	10	-	10	3
Felixstowe	1004·1	-9	SSW	5	c	47	85	7	800	StCu	9	-	9	~~3~~
Lympne	1007·6	-10	SW	6	or₀	47	97	6	800	St	10	-	10	*
Scilly (St. Mary's)	1017·1	-3	W	7	od₀d₀	51	97	5	2500	St	10	-	10	7
Falmouth (Pendennis)	1015·2	-3	WSW	8	or₀r₀	52	97	6	2500	Nb	10	-	10	2
Plymouth (Cattewater)	1014·7	-2	W	7	od₀d₀	52	92	5	450	Nb	10	-	10	5
Portland Bill	1010·1	-7	SW	8	c	50	92	8	2500	St	8	ASt	10	7
Southampton (Calshot)	1009·8	-9	WSW	6	od₀d₀	49	97	7	1500	Nb	10	-	10	3
Dungeness	1007·6	-10	WSW	6	od₀d₀	46	97	6	1500	Nb	10	-	10	6
Guernsey (Fort George) P	1017·4	-4	WSW	6	or₀	50	97	5	800	St	10	-	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...... 5th January ......

Stations (1)	Weather Forenoon (2)	Weather Afternoon (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	b	bbcc	37	42	-	-	3·6
Douglas (I. o. M.)	bc	c	40	44	1	-	1·8
Llandudno	c	c	41	44	1	-	0·1
Colwyn Bay	oc	cbcc	41	44	1	-	0·2
Rhyl	cbc	bc	41	(~~43~~)?	1	-	1·0
Wallasey	bcbbc	cbcc	40	43	4	-	0·2
Southport	bbcco	oco	*41	43	0·1	-	1·1
Blackpool	cbc	c	40	43	0·1	-	1·2
Ilkley	cb	cbc.	34	42	9	1	0·8
Cleethorpes	b	b	38	43	0·1	-	3·4
Skegness	bcb	bbcc	36	44	-	-	3·7
Aberystwyth	cbc	c	42	44	1	-	1·8
Bath	b	bbcc	40	45	-	-	3·6
Cheltenham‡	cbcb	bcc	38	45	-	-	3·1
Leamington Spa	cb	c	36	44	0·1	-	2·3
Lowestoft	b	b	36	43	Trace	-	4·6
Felixstowe	b	bcc	36	44	3	-	4·8
Harwich & Dovercourt	b	bc	38	44	5	-	4·8
Southend	b	bc	37	46	-	-	4·5

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	bcc	44	47	-	-	2·9
Bude	bcc	bcc	42	49	1	-	3·6
Penzance	b	bc	45	51	0·3	-	3·3
Paignton	bbc	bc	43	49	-	-	4·6
Torquay	b	bbc	43	50	0·2	-	4·8
Jersey	d bc	bc	44	50	1	-	5·2
Weymouth	b	bc	40	50	-	-	3·4
Bournemouth	b	bcoc	40	46	-	-	4·2
Ventnor	bc	o	38	(46)	-	-	4·5
Portsmouth (S'thsea)	b	bc	39	46	-	-	4·2
Bognor	bc	bcc	38	46	-	-	4·0
Littlehampton	b	bbcc	37	45	0·1	-	4·5
Worthing	b	bcc	39	46	0·5	-	4·8
Brighton	b	bbcc	40	46	1	-	4·9
Eastbourne‡	b	bbcc	40	48	1	-	5·1
Hastings‖	b	bbcco	38	47	0·4	-	5·1
Folkestone	bm	bccom	37	45	5	-	4·9
Dover	b	bbcc	40	45	0·3	-	5·2
Tunbridge Wells	b	bcoc	37	46	-	-	4·9
Ramsgate	bm	bbcm	39	45	0·3	-	4·9
Margate	rbc	bc	38	43	1	-	4·8
Deal	b	bbc	38	44	-	-	5·0

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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. B24152 Saturday, 7th January 1928. Page 1.

Observations at 13h. 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	992.6	+8	NNW	2	bc	37	85	8	4000	Cu	3	-	3	•
Stornoway	1002.2	+21	N	4	c	42	85	7	4000	CuNb	8	-	8	•
Wick	996.6	+13	NE	4	c	40	92	8	1500	CuNb	6	CiSt	8	•
Tiree	1003.4	+30	NNW	8	bc	46	75	7	1500	CuNb	4	-	4	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	991.7	+22	NNW	6	cr0	41	85	7	2500	CuNb	8	-	8	2
Malin Head	1007.9	+24	NNW	7	bc/pr0	46	75	7	4000	CuNb	3	CiCu	4	•
Renfrew	998.0	+25	NNW	5	vbc-	47	65	9	2500	Cu	4	-	4	2
Edinburgh (Inchkeith)	990.4	+9	N	6	bc-	42	75	8	4000	Cu	2	ACu	4	•
Leuchars	993.9	+25	NNW	6	bc-	44	65	8	1500	StCu	5	-	5	1
Eskdalemuir	992.7	+13	NNW	8	bc/pR	42	92	8	4000	Cu	6	-	6	2
Tynemouth	987.4	0 (+11)	W	6	bc/r	49	85	7	1500	Cu	4	-	4	•
Blacksod Point	1014.4	+6	W	4	bc	48	75	8	•	CuNb	6	-	6	•
Donaghadee	1004.5	+17	NW	8	bc-	48	65	7	2500	Cu	4	ACu	6	•
Birr Castle	1013.9	•	W	4	c-	48	75	7	2500	StCu	8	-	8	•
Holyhead	1004.4	+8	NW	9	b	48	75	6	-	-	0	CiSt	1	2
Liverpool (Bidston)	1000.1	+6	W	9	c	46	92	7	1500	CuNb	9	-	9	•
Chester (Sealand)	1001.0	+5	WNW	8	c	49	65	7	2500	StCu	9	-	9	2
Harrogate	991.4	-3	SW	8	bc/pR	44	97	7	2500	CuNb	4	-	4	•
Spurn Head	987.8	-12	WNW	10	c	42	92	6	4000	Nb	8	-	8	•
Birmingham (Edgbaston)	1003.5	+3	W	6	c/p	50	65	8	4000	Nb	8	-	8	2
Cranwell	996.6	-1	W	6	c	50	65	8	1500	StCu	10	-	10	2
Gorleston	993.6	-8	W'S	7	bc	53	85	6	2500	Cu	6	-	6	•
Valentia (Cahirciveen)	1018.3	+4	NW'W	4	c	50	75	8	2500	St	4	ACu	8	2
Roches Point	1016.1	+7	NW	5	c	51	85	8	1500	StCu	9	•	9	•
Pembroke (St. Ann's H.)	1012.4	+6	WNW	6	c	51	85	6	1500	Cu	6	ACu	9	•
Ross-on-Wye	1006.0	+3	W'N	3	bc	52	55	8	4000	Cu	1	CiCu	2	2
Leafield	1004.4	0	WNW	8	bc	52	65	8	4000	Cu	3	Ci	5	•
Winchester (Worthy Dn.)	1008.1	0	W	7	cv	53	75	9	2500	StCu	8	Ci	9	2
S. Farnborough	1005.0	-3	W	6	bc-	54	75	8	800	Cu	4	ASt	6	2
London (Kew Obsy.)	1002.1	-5	W	6	bc	55	65	7	800	Cu	4	Ci	7	2
Croydon	1003.7	-4	W'S	6	c	55	75	7	800	StCu	9	ACu	10	2
Shoeburyness	1000.7	-9	NW'W	7	bc	54	85	8	4000	Cu	4	ACu	6	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	997.8	-7	WSW	7	bc	56	65	8	2500	Cu	4	CiSt	6	2
Lympne	1002.6	-6	SW'W	6	c-	54	75	8	800	St	8	CiCu	9	2
Scilly (St. Mary's)	1017.7	0	W	7	odd	51	97	5	2500	St	10	-	10	•
Falmouth (Pendennis)	1016.7	+2	WNW	7	or0	53	92	6	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1016.0	+1	WNW	6	cd0	53	92	6	800	Nb	9	•	9	2
Portland Bill	1010.5	0	WSW	7	c-	52	85	6	1500	StCu	9	ACu	9	•
Southampton (Calshot)	1008.2	-3	W	7	bc-	55	65	8	2500	Cu	6	Ci	7	1
Dungeness	1002.8	-4	WSW	6	bc/r	49	85	7	2500	StCu	5	CiSt	7	•
Guernsey (Fort George)	1016.5	-2	W	7	or0	51	97	5	800	St	10	-	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	999.2	+10	NW	4	c/p	37	75	7	4000	CuNb	5	ASt	10	•
Stornoway	1008.3	+2	NW	3	bc	37	75	7	4000	CuNb	9	-	9	2
Wick	1006.0	+5	NW	3	bc	36	92	8	1500	CuNb	4	-	4	3
Tiree	1012.0	+5	WNW	2	b-	43	75	8	2500	Cu	1	Ci	2	3
Nairn	1008.4	•	NW	1	bc-	38	85	8	4000	Cu	4	-	4	•
Aberdeen	1008.2	+6	WNW	4	b	38	85	8	2500	CuNb	1	-	1	3
Malin Head	1013.5	+3	W	2	c⊕	43	75	7	-	-	0	CiSt	8	5
Renfrew	1010.5	+10	W	2	b	38	85	8	5700	Cu	1	Ci	2	•
Edinburgh (Inchkeith)	1009.3	+12	N	2	bc	41	75	8	-	-	0	ACu	3	1
Leuchars	1010.5	+15	WSW	1	b	36	85	8	4000	StCu	2	-	2	•
Eskdalemuir	1010.3	+12	NNW	2	b-	36	75	8	4000	Cu	1	-	1	•
Tynemouth	1009.5	+22	NW	3	b/r	41	85	7	1500	Cu	1	-	1	4
Blacksod Point	1016.1	0	-	0	c	43	92	8	•	CuNb	8	•	8	4
Donaghadee	1014.7	+8	W	3	bc-	43	75	7	2500	Cu	2	ACu	4	2
Birr Castle	1017.9	•	WSW	1	c+	42	92	6	450	St	3	ASt	10	•
Holyhead	1016.2	+10	NW	5	bc⊕	46	75	7	1500	StCu	2	CiSt	4	5
Liverpool (Bidston)	1014.6	+14	W	5	b	43	75	6	2500	Cu	1	Ci	1	•
Chester (Sealand)	1014.3	+15	WNW	4	b-	46	75	6	2500	Cu	2	-	2	•
Harrogate	1011.8	+24	NW	4	b	41	65	7	-	-	0	ACu	1	•
Spurn Head	1005.9	+23	NW	8	bc-	43	85	7	2500	Cu	4	-	4	7
Birmingham (Edgbaston)	1014.3	+12	WNW	6	bc-	45	75	8	2500	Cu	4	-	4	•
Cranwell	1009.7	+22	NW	6	bc-	44	75	7	2500	Cu	2	-	2	4
Gorleston	1003.5	+9	WNW	7	c	46	75	6	2500	StCu	10	-	10	4
Valentia (Cahirciveen)	1019.7	+2	SW	2	c	47	85	8	2500	St	7	ACu	8	4
Roches Point	1020.0	+4	NW	1	c	49	92	8	1500	StCu	10	-	10	4
Pembroke (St. Ann's H.)	1019.3	+6	W	4	c	48	85	7	2500	StCu	6 (4)	ACu	8	4
Ross-on-Wye	1016.0	+9	W	3	b	45	85	8	-	-	0	CiCu	2	•
Leafield	1014.2	+10	NW'N	6	bc	45	65	8	2500	St	2	Ci	4	•
Winchester (Worthy Dn.)	1015.2	+8	W'N	5	bc-	45	75	7	5700	StCu	2	Ci	7	•
S. Farnborough	1013.4	+11	W'N	5	bc-	47	65	7	-	-	0	Ci	4	•
London (Kew Obsy.)	1012.6	+15	NW	5	bc	49	55	7	1500	Cu	5	-	5	•
Croydon	1012.6	+11	NW'W	5	bc	49	65	7	1500	StCu	7	-	7	•
Shoeburyness	1010.1	+12	NW'W	8	bc-	49	85	7	4000	Cu	7	-	7	•
Clacton-on-Sea	1007.2	+11	WNW	8	bc	43	65	7	5700	StCu	8	-	8	5
Felixstowe	1007.2	+13	WNW	8	bc	44	65	7	4000	StCu	6	-	6	7
Lympne	1009.4	+9	WNW	7	bc+	48	65	8	1500	St	7	-	7	•
Scilly (St. Mary's)	1021.8	+4	NW'W	3	c	50	92	6	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1020.6	+3	NW	4	c-	49	92	7	4000	StCu	8	-	8	1
Plymouth (Cattewater)	1019.6	+6	NW	5	c	49	75	8	1500	StCu	8	CiSt	9	4
Portland Bill	1016.6	+7	W'N	5	c-	44	85	8	4000	StCu	4	ASt	6	5
Southampton (Calshot)	1015.6	+10	WNW	5	b-	44	65	8	-	-	0	ASt	2	6
Dungeness	1009.7	+9	NW	7	bc-	45	65	8	1500	Cu	5	-	5	3
Guernsey (Fort George)	1019.8	+3	W	6	bc-	49	92	6	1500	St	2	ACu	5	6

LONDON OBSERVATIONS.

Station	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	cbcq	bcqbcq	bcqcqg	56	38	*	-	Tr	3.3	*	*	6
Croydon	244	cr0qg	cbcqg	bcqbcq	55	36	28	Tr	-	2.2	*	*	6
Greenwich (Royal Obsy.)	149	cq	cbcq	bcbzc	56	37	28	-	-	1.9	53	83	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2.1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	56	38	(28)	-	-	2.7	48	86	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	2.6	*	*	*
Camden Square	110	c	c	*	55	39	32	-	Tr	*	*	86	*
Kensington Palace	80	bc	bc	*	56	39	32	-	-	*	(At 18h) 58	84	*
Hampstead Observatory	450	*	*	*	54	35	24	-	-	2.7	*	88	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
0.4	6h 7th	<0.3	3h 7th

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th 17 h. 15 m. to 7th 7 h. 0 m.

Stars.	Exposure h. m.	Record h. m.	Record %
Polaris	13.45	7.25	54
δ Ursae Minoris	13.45	6.55	50

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 and 8th January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	08.06 / 08.05	11.59 / 12.00	15.53 / 15.54
Greenwich	08.07 / 08.06	12.06 / 12.06	16.05 / 16.07
Wick	09.02 / 09.01	12.18 / 12.19	15.35 / 15.37
Valentia	08.50 / 08.50	12.47 / 12.47	16.44 / 16.46

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 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.

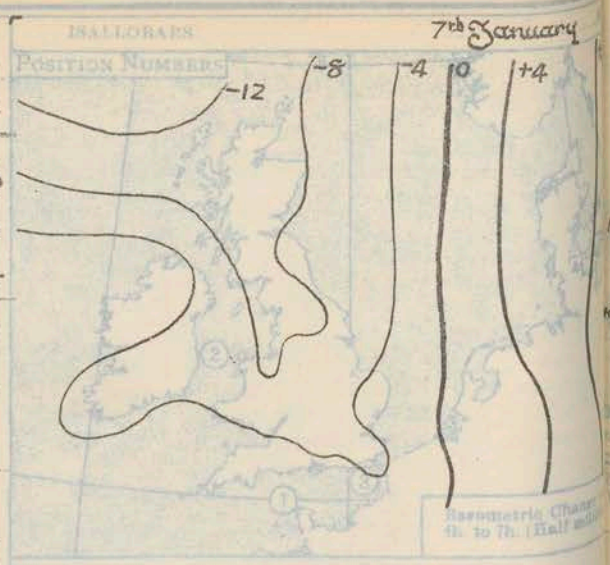
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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. 15h. 6th	Weather. 15h.-18h. 6th	Weather. 18h. 6th to 1h. 7th	Weather. 1h.-7h. 7th	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 6th. Hours.
Lerwick	cirb	cipb	bbc	bccor	39	33	.	1	<8.00	Trace	6.30	1.9
Stornoway	p	p	c	p	49	35	.	4	*	3	*	2.3
Wick	dRrc	bbc	bbcrs	crrr	40	34	.	8	<8.00	2	<21.00	.
Tiree	prbc	bc	corr	prco	50	38	29	0.4	<8.00	4	<21.00	3.0
Nairn	bcPRq	bc*	bcx	bc	46	33	.	1	9.00	–	–	0.0
Aberdeen	cprq	cprbqp	bbcc	corrm	46	35	30	0.5	<8.00	4	4.30	0.4
Malin Head	qpbcpr	bcc	⓪co	oir	49	40	.	0.4	<8.00	4	24.00	1.6
Renfrew	cqrcbq	bcb	bcc	corr	50	37	30	1	<8.00	6	2.30	3.5
Edinburgh (Inchkeith)	cbcq	bbc	bcm	orrr	51	38	29	1	<8.00	3	2.30	1.7
Leuchars	bcrhc	bcb	b,c	corr	49	33	26	3	<8.00	2	3.30	3.7
Eskdalemuir	cpr	bcprbcb	b,c	corrm	50	33	29	4	<8.00	8	2.30	1.1
Tynemouth	pirbcq	bcbq	bbc	bcoir	53	38	31	0.3	<8.00	1	3.30	.
Blacksod Point	c	co	oR	orR	52	42	.	Trace	*	3	*	.
Donaghadee	prbc	bc	bcc	corr	54	38	.	0.4	<8.00	4	1.30	.
Birr Castle	rrc	cm	cord	oid	53	40	32	0.6	<8.00	0.1	–	1.4
Holyhead	cpbq	bbcq	bcco	pr d	53	43	41	–	–	0.3	5.30	2.5
Liverpool (Bidston)	cpbq	qcbcb	bbc	bcc	53	40	43	Trace	9.00	–	–	0.4
Chester (Sealand)	prc	cbcqbc	bm	bcc	55	39	32	0.1	<8.00	–	–	1.3
Harrogate	cbcQp	bcQb	bbc	corr	50	36	32	3	<8.00	‡17	3.30	1.0
Spurn Head	cpRq	cQ	b-bc	o	50	37	.	1	11.00	–	–	0.8
Birmingham (Edgbaston)	bcr	cbcq	bcc	c	54	38	34	–	–	–	–	1.3
Cranwell	cbccq	cq	bccm	bco	54	34	32	–	–	–	–	2.6
Gorleston	pirbcq	bcqcq	bcq	bcc	55	37	34	0.3	<8.00	–	–	1.6
Valentia (Cahirciveen)	odc	oirc	cpodr	od	52	46	44	0.4	<8.00	1	<21.00	0.2
Roches Point	obc	c	c	cord	54	46	.	Trace	12.30	0.1	1.30	.
Pembroke (St. Ann's H.)	[illegible]	c	c	orfdd	51	46	.	0.3	<8.00	0.6	4.30	1.9
Ross-on-Wye	bcq	bbcqcb	bcbc	c	57	40	33	–	–	–	–	3.3
Leafield	bcq	bccq	bcw⓪w	bcc	53	36	31	–	–	–	–	3.9
Winchester (Worthy Dn)	crqw	cq	bcb	bbcco	54	34	28	0.1	<8.00	Trace	6.30	0.4
S Farnborough	cdcbc	bc	bcc	c	54	33	27	Trace	<8.00	–	–	2.6
London (Kew Obsy.)	bcq	bcqbqy	bcqbc	cpr c	56	38	[illegible]	–	–	–	–	3.3
Croydon	crq	cbcq	bcz⓪	bcm	55	36	28	Trace	<8.00	–	–	2.2
Shoeburyness	ocbcq	bcq	bc	bcc	56	36	31	–	–	–	–	1.7
Clacton-on-Sea	oc	cq	cqbc	bccqg	55	37	31	–	–	–	–	1.9
Felixstowe	cqbcq	cqybc	bcqy	bcc	56	37	33	–	–	–	–	3.1
Lympne	prhoc	cbcq	bcbbc	bcc	54	33	26	0.2	<8.00	–	–	1.9
Scilly (St. Mary's)	oddm	oddmc	cofd	ffod	51	47	.	1	<8.00	0.4	22.00	0.0
Falmouth (Pendennis)	omrq	omrcq	o	codmq	53	46	.	0.1	9.00	Trace	3.30	0.0
Plymouth (Cattewater)	[illegible]	qdbc	cqbc	oddfc	54	41	35	0.3	<8.00	1	3.30	0.0
Portland Bill	[illegible]	cbcc	bccz	codmm	52	45	.	–	–	Trace	6.30	.
Southampton (Calshot)	cqprbc	bccbcq	bccbc	bccco	55	38	26	0.1	<8.00	–	–	1.6
Dungeness	ocrc	cbcq	bcqbc	bcc	52	37	.	Trace	<8.00	–	–	.
Guernsey	pirq	bccbq	bcc	coddf	51	47	.	1	<8.00	1	4.30	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	6th 10h	Scotia	WNW	9	c-	51	48
3	7th 2h	Dieppe	NW	3	bc	47	46

GENERAL INFERENCE.

A deep depression southwest of Iceland is moving northeast. The weather will be mainly cloudy and mild over the British Isles with occasional rain or drizzle. Winds will be southwesterly, strong to a gale at times.

Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 7th January, 1928.

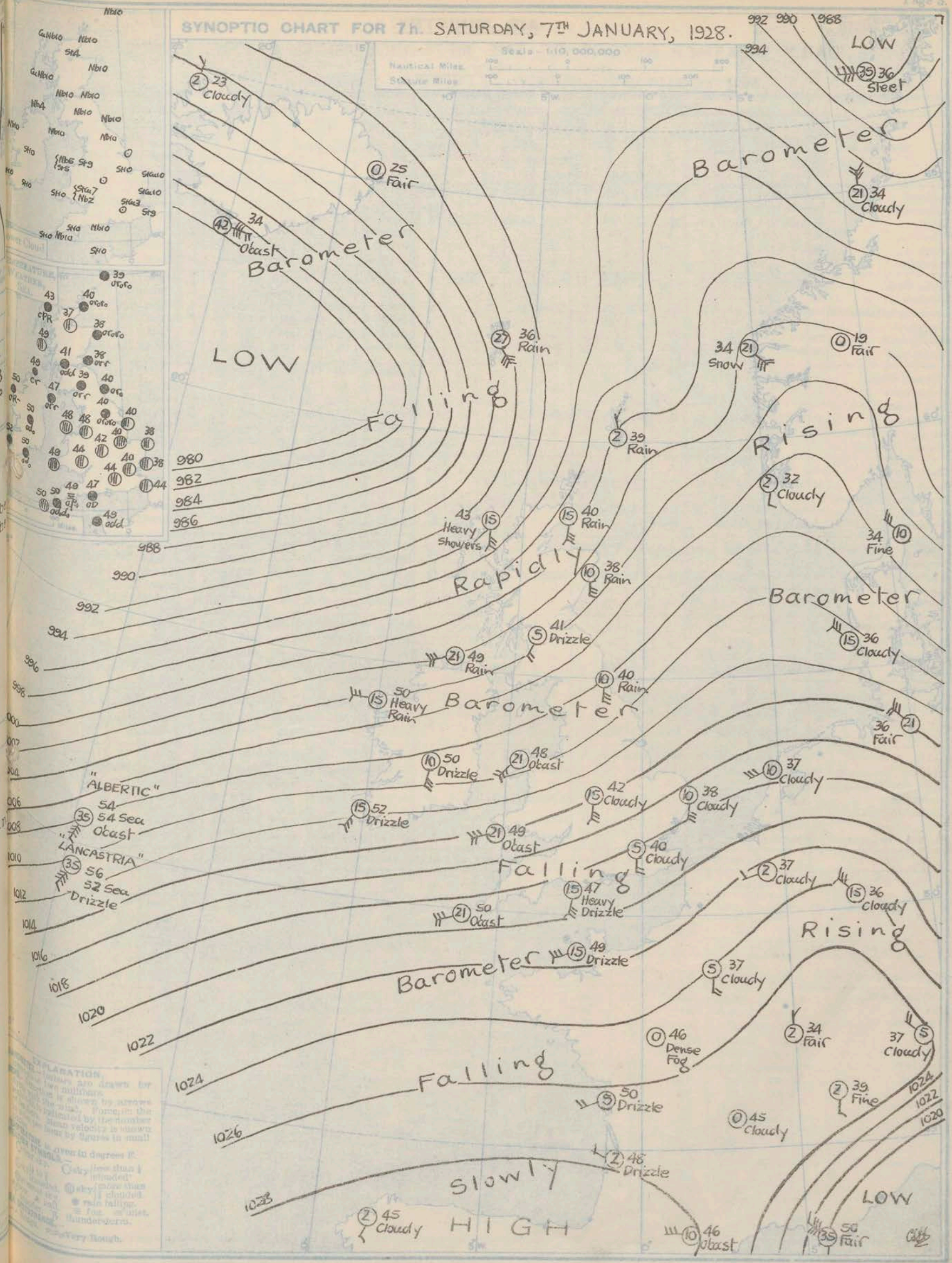
Districts.	Forecasts	Further Outlook
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓	Strong southwesterly winds probably reaching a gale at times locally; mainly cloudy, occasional rain, mostly in the form of slight drizzle; mild.	Stormy and unsettled; mainly mild in the South.
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 ↓ 17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Southwesterly winds, strong to a gale at times; mainly cloudy, occasional rain; mild at first, probably rather colder later.	↓ South Cone still flying.

EVM

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.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Saturday 7th January 1928. No. 7

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

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	1004·5	+1	–	0	bc	37	65	8	5700	StCu	6	–	6
Stornoway	30	1006·1	-3	W	2	c	*	*	7	*	*	*	*	10
Wick	81	1008·1	-1	SW	2	c	35	92	8	1500	CuNb	6	CiSt	8
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1009·2	-7	S'E	3	cto+	42	85	7	4000	Nb	3	ASt	10
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1011·2	-1	W	2	o	39	92	7	800	St	10	–	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1014·3	-1	SW	2	bc	39	92	6	800	St	6	–	6
Blacksod Point ..	18	1007·4	-2	S	6	oR	47	97	7	*	Nb	10	–	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1016·6	-1	SW'S	3	o	45	85	7	1500	St	10	–	10
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1016·1	+3	W'S	3	c+	37	97	6	4000	Cu	10	–	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1018·5	+1	SW	3	c+	38	92	6	–	–	0	ACu	9
Gorleston	14	1018·6	+5	WSW	1	bc	37	92	7	–	–	0	ACu	6
Valentia (Cahirciveen) P	30	1014·3	-4	SW	4	od_2d_0	51	97	4	–	St	10	–	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1019·3	0	SSW	2	c	46	97	7	2500	StCu	6	ACu	8
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.) ..	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	39	*	*	*	*	*	*	*
Croydon	244	1021·5	+5	WSW	3	bc	38	85	7	–	–	0	Ci	6
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1021·3	+2	WSW	3	bc+	38	85	7	–	–	0	Ci	3
Scilly (St. Mary's) ...	163	1021·2	-2	SW'W	4	od_2d_0	50	97	2	450	St	10	–	10
Falmouth (Pendennis)	200	1021·6	-1	SW	2	c+	48	92	7	4000	StCu	10	–	10
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1021·9	+1	W'N	2	c	47	85	6	2500	StCu	5	ASt	10
Southampton (Calshot)	10	1022·0	+3	SSW	1	bc	39	92	8	–	–	0	ACu	5
Dungeness	20	1022·1	+4	NW	2	bc	37	92	7	–	–	0	CiSt	6
Guernsey (Fort George) P	295	1024·2	0	–	0	c+	47	97	5	4000	StCu	10	–	10

Observations at 7h. 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	1000·3	-7	NNW	1	ot_0t_0	39	85	7	4000	Nb	10	–	10
Stornoway	993·1	-11	S	4	c/PR	43	97	7	4000	CuNb	10	–	10
Wick	998·9	-8	S	4	ot_0t_0	40	97	8	1500	Nb	10	–	10
Tiree	998·3	-2	SW	6	c	49	97	8	1500	CuNb	10	–	10
Nairn	998·4	*	–	0	bc	37	85	8	1500	St	4	ACu	6
Aberdeen	1003·3	-8	S	3	ot_0t_0	38	92	6	1500	Nb	10	–	10
Malin Head	1001·7	-2	WSW	5	cT	49	97	7	4000	Nb	4	ASt	10
Renfrew	1003·5	-9	SSW	2	odd	41	97	6	800	Nb	10	–	10
Edinburgh (Inchkeith)	1004·2	-7	WSW	1	orr	38	97	8	800	Nb	10	–	10
Leuchars	1003·9	-9	S	3	ot_0t_0	38	92	7	1500	Nb	10	–	10
Eskdalemuir	1005·6	-8	SSW	5	oTT	39	97	6	800	Nb	10	–	10
Tynemouth	1008·0	-6	S	3	ot_0	40	97	7	1500	Nb	10	–	10
Blacksod Point	1004·4	-2	W	4	oR-	50	85	6	*	Nb	10	–	10
Donaghadee	1006·2	-4	SW	3	oprr	47	97	7	1500	Nb	10	–	10
Birr Castle	1008·6	*	SSW	3	od_0	50	97	6	450	St	10	–	10
Holyhead	1009·5	-6	SW	5	o/d	48	97	6	800	Nb	10	–	10
Liverpool (Bidston)	1009·7	-7	SW	4	c	48	85	8	4000	St	9	–	9
Chester (Sealand)	1010·8	-8	SW'S	3	c	49	85	7	1500	StCu	9	–	9
Harrogate	1009·8	-9	S	1	ot_0t_0	40	97	5	2500	Nb	10	–	10
Spurn Head	1011·6	-7	S	5	c	40	85	7	–	–	0	ASt	10
Birmingham (Edgbaston)	1014·2	-6	S	4	c+	42	85	8	–	–	0	ASt	8
Cranwell	1014·9	-5	S'E	3	o	40	92	6	1500	St	10	–	10
Gorleston	1017·6	-2	S	3	c	38	92	6	4000	StCu	10	–	10
Valentia (Cahirciveen)	1011·5	-5	SW'S	4	od_2d_0	52	97	6	450	St	10	–	10
Roches Point	1012·9	-4	SW	3	od_0	50	97	6	800	St	10	–	10
Pembroke (St. Ann's H.)	1014·3	-3	WSW	5	o/f	49	97	6	1500	St	10	–	10
Ross-on-Wye	1014·8	-5	SW	3	c	44	85	8	2500	StCu	9	–	9
Leafield	1015·7	-5	SSW	5	c	41	85	6	4000	StCu	1	ASt	10
Winchester (Worthy Dn.)	1018·3	-4	SSE	3	ot_0	41	97	7	2500	St	10	–	10
S. Farnborough	1017·5	-5	S'W	3	c	44	92	7	–	–	0	ASt	10
London (Kew Obsy.)	1018·3	-6	S	2	c	40	85	5	5700	StCu	3	ASt	10
Croydon	1018·5	-5	S'W	3	c	39	85	6	5700	StCu	7	ASt	10
Shoeburyness	1018·6	-3	–	0	c	38	97	8	4000	StCu	2	ASt	8
Clacton-on-Sea	1018·5	-4	SSW	3	c	38	97	6	5700	StCu	10	–	10
Felixstowe	1018·7	-3	S	3	c	39	92	7	4000	StCu	5	Ci	8
Lympne	1019·3	-4	S	3	c	40	92	7	800	StCu	8	–	8
Scilly (St. Mary's)	1018·9	-3	WSW	5	o/f	50	97	6	1500	St	10	–	10
Falmouth (Pendennis)	1018·8	-2	WSW	5	od_2d_0	50	97	6	2500	Nb	10	–	10
Plymouth (Cattewater)	1018·6	-2	WSW	4	fot	49	97	3	1150	St	10	–	10
Portland Bill	1018·1	-7	S'W	4	oD	47	92	4	800	Nb	10	–	[illegible]
Southampton (Calshot)	1019·4	-3	S'W	3	c	44	85	7	–	–	0	ASt	[illegible]
Dungeness	1019·6	-3	SSW	3	c+	44	92	7	1500	St	9	–	9
Guernsey (Fort George)	1021·6	-2	WSW	4	odd	49	92	2	450	St	10	–	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th January, 1928.

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	bcpr$_0$	prhb	37	50	3	–	3·2
Douglas (I. o. M.) ...	cq	cq	40	51	16	–	0·0
Llandudno ...	c	cbqc	41	51	6	–	1·0
Colwyn Bay ...	corrc	c	41	54	5	–	0·1
Rhyl	cq	cq	41	53	5	–	0·4
Wallasey	crc	cbcb	40	50	13	0·5	0·0
Southport	cbcoq	qbcb	*40	49	19	–	0·0
Blackpool	orc	bc	40	49	17	–	0·0
Ilkley	ro	rc	34	51	15	2	0·0
Cleethorpes	oc	pco	39	53	3	0·3	1·2
Skegness	bcorcbc	bcpbcq	38	56	8	2	2·7
Aberystwyth ...	omp	c	42	49	4	0·3	0·0
Bath	d.c	cbc	41	53	2	Trace	0·5
Cheltenham‡ ...	cqqc	bbc	41	56	0·5	–	1·5
Leamington Spa ...	cd	c	38	56	5	0·1	1·0
Lowestoft	cprcbc	bcc	38	55	7	Trace	1·7
Felixstowe	bc	bcc	38	55	7	–	3·4
Harwich & Dovercourt	rbc	bc	38	56	7	–	3·4
Southend	ocbc	bc	37	54	5	–	1·7
Ilfracombe	odo	o	45	51	5	0·2	0·0
Bude	rdp	pdc	45	51	6	1	0·0
Penzance	od	oirc	47	53	5	1	0·0
Paignton	rodp	bdidpbc	43	55	3	Trace	0·0
Torquay	odqp	odpcbc	43	54	2	0·1	0·1
Jersey	d	dc	45	51	2	1	0·0
Weymouth	cpc	cb	43	53	1	0·1	1·0
Bournemouth ...	o	obcc	41	54	3	–	0·8
Ventnor ...	rof	bc	38	52	4	–	1·7
Portsmouth (S'thsea)	o	o	40	55	1	–	0·2
Bognor	bcc	bbc	42	55	3	–	1·4
Littlehampton ...	ocbc	bc	39	55	5	–	1·3
Worthing	oc	bc	39	53	5	–	1·2
Brighton	oc	cbcc	41	55	6	–	1·0
Eastbourne‡ ...	oc	bc	41	52	8	–	1·0
Hastings‖	opdoc	cbcc	38	54	7	0·3	2·1
Folkestone	romr$_0$	cbc	37	56	8	0·2	1·4
Dover	cq	qcby	40	56	10	–	1·2
Tunbridge Wells ...	odroc	bcoc	37	55	4	Trace	1·8
Ramsgate	cbc	bc	39	56	6	–	1·4
Margate	c	bc	40	56	7	–	1·5
Deal	oc	bc	40	56	6	–	2·4

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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.24,153 Sunday, 8th January 1928.

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	990.9	-11	S	3	or r	42	97	7	4000	Nb	10	-	10	•
Stornoway	991.5	-4	SW	2	c	48	85	6	2500	St	9	-	9	•
Wick	994.7	-4	SSW	3	c	43	92	8	1500	Nb	8	ast	10	•
Tiree	997.0	-2	S'W	5	od	48	97	6	800	St	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	997.5	-6	SSW	3	o	41	92	6	1500	Nb	10	-	10	2
Malin Head	999.9	-3	SW	3	or r	48	97	6	2500	Nb	10	-	10	•
Renfrew	1000.4	-3	SW	5	or r	48	85	6	1500	St	10	-	10	2
Edinburgh (Inchkeith)	997.8	-4	WSW	4	o	48	92	7	800	St	10	-	10	•
Leuchars	997.3	-6	W	5	c	48	85	6	1500	St	7	ast	10	2
Eskdalemuir	1000.9	-4	SW'W	6	or r	47	97	6	<150	St	10	-	10	2
Tynemouth	1002.7	-4	SW	2	o/r	48	92	6	1500	Nb	10	-	10	•
Blacksod Point	1000.6	-3	W	4	oR-	50	92	6	*	Nb	10	-	10	•
Donaghadee	1002.9	-5	SW	1	odd	50	92	6	1500	St	10	-	10	•
Birr Castle	1005.0	•	SW	3	odd	52	97	6	1500	Nb	10	-	10	•
Holyhead	1006.4	-6	SW'S	5	o	48	97	6	220	St	10	-	10	2
Liverpool (Bidston)	1006.5	-4	SW'W	4	c-	50	85	9	2500	Nb	8	acu	9	•
Chester (Sealand)	1007.3	-4	SSW	2	c	52	75	9	1500	St	7	ast	9	1
Harrogate	1005.4	-3	SW	3	or r	49	92	5	2500	Nb	9	ast	10	•
Spurn Head	1006.2	-5	SW	5	c	47	92	6	4000	StCu	5	ast	10	•
Birmingham (Edgbaston)	1010.4	-4	SW	4	o+	50	85	8	1500	Nb	10	-	10	2
Cranwell	1009.2	-4	SW'S	6	c	49	92	6	2500	StCu	10	-	10	1
Gorleston	1010.3	-7	SW'S	5	o	45	85	6	1500	Nb	10	-	10	•
Valentia (Cahirciveen)	1008.8	-3	SW'S	5	od-	52	92	6	220	St	10	-	10	2
Roches Point	1010.6	-2	SW	3	odd	51	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1011.4	-3	WSW	5	o/d	49	97	6	1500	St	10	-	10	•
Ross-on-Wye	1011.9	-2	SW'W	4	cd	50	85	7	2500	Nb	9	ast	10	1
Leafield	1012.6	-2	SW'W	5	od	48	92	8	1500	Nb	10	-	10	1
Winchester (Worthy Dn.)	1014.2	-4	SW	4	c	50	92	7	800	StCu	10	-	10	2
S. Farnborough	1014.0	-4	SW	4	o	50	92	7	800	St	10	-	10	2
London (Kew Obsy.)	1013.1	-5	SW	4	c	49	92	6	1500	St	5	ast	10	2
Croydon	1013.7	-3	SW'W	4	o	50	92	6	450	St	10	-	10	1
Shoeburyness	1013.3	-6	SW	3	c	49	97	5	2500	Cu	8	ast	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1013.2	-5	SSW	4	c	45	97	6	450	St	10	-	10	1
Lympne	1014.5	-6	SSW	4	Fo+	47	97	0	<150	St	10	-	10	2
Scilly (St. Mary's)	1016.4	-3	WSW	6	o/f	50	97	5	1500	St	10	-	10	•
Falmouth (Pendennis)	1017.0	-2	WSW	6	od	50	97	5	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1016.6	-4	SW	4	odd	49	97	5	<150	St	10	-	10	2
Portland Bill	1015.9	-2	SW	5	mrh	48	97	4	800	St	10	-	10	•
Southampton (Calshot)	1015.1	-4	SW'W	5	od	48	97	4	220	St	10	-	10	5
Dungeness 1000	1015.4	-6	SW	4	odd	46	97	6	~~450~~	St	10	-	10	•
Guernsey (Fort George)	1019.6	-4	WSW	4	odd	49	97	5	450	St	10	-	10	•

Observations at 13h. 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	986.4	-4	S	3	c/b	45	92	7	4000	CuNb	10	-	10	•
Stornoway	986.7	-7	WSW	3	c/pR	48	92	6	2500	Nb	9	-	9	2
Wick	989.7	-4	SW	3	c	45	92	8	2500	StCu	6	ast	10	0
Tiree	992.1	-3	S	6	c	47	97	7	1500	CuNb	9	-	9	6
Nairn	991.0	•	WSW	1	bc-	44	85	8	4000	Cu	4	-	4	•
Aberdeen	993.7	-3	SSW	3	bc-	43	85	6	-	-	0	acu	7	0
Malin Head	995.9	-2	S	4	c	49	85	7	5700	StCu	9	acu	9	4
Renfrew	997.0	-4	W	2	odd	46	97	6	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	994.8	-3	WSW	1	o/r	45	97	8	800	St	10	-	10	0
Leuchars	994.4	-4	WSW	5	c	45	92	7	1500	St	4	ast	10	•
Eskdalemuir	997.2	-4	SW'S	6	or r	47	97	2	<150	St	10	-	10	•
Tynemouth	998.1	-5	SW	3	o/p	49	92	6	1500	Nb	10	-	10	1
Blacksod Point	997.4	-2	S	7	c	51	92	7	•	-	0	ast	10	7
Donaghadee	999.7	-3	WSW	2	bc-	50	92	7	4000	StCu	4	acu	6	1
Birr Castle	1001.7	•	S	3	cr	49	97	6	1500	Nb	9	-	9	•
Holyhead	1004.3	-3	SW	5	or+	49	97	5	450	Nb	10	-	10	4
Liverpool (Bidston)	1003.2	-3	SW'W	5	o/+	51	85	8	2500	Nb	10	-	10	•
Chester (Sealand)	1003.8	-4	SW'W	4	c/	53	75	6	1500	St	10	-	10	•
Harrogate	1000.9	-5	WSW	5	crr	49	92	5	2500	Nb	7	ast	10	•
Spurn Head	999.9	-6	WSW	6	c	48	92	6	4000	CuNb	9	-	9	4
Birmingham (Edgbaston)	1007.0	-3	SW	4	o	50	85	7	2500	St	10	-	10	•
Cranwell	1006.3	-3	SW'S	5	c	50	85	7	2500	StCu	10	-	10	•
Gorleston	1006.9	-2	SW	4	c	50	85	8	4000	StCu	5	ast	10	0
Valentia (Cahirciveen)	1005.6	-1	SW	5	cd	52	97	7	220	St	10	-	10	4
Roches Point	1007.2	-3	SW	3	odg	51	97	6	800	St	10	-	10	4
Pembroke (St. Ann's H.)	1008.3	-3	WSW	5	od	49	97	6	1500	St	10	-	10	4
Ross-on-Wye	1008.4	-3	SW'W	4	c	50	85	8	2500	StCu	10	-	10	•
Leafield	1009.2	-2	SW	5	o	48	92	7	1500	St	10	-	10	•
Winchester (Worthy Dn.)	1012.0	-2	SSW	4	c	49	92	7	1500	St	10	-	10	•
S. Farnborough	1010.9	-3	SW	5	o	50	92	8	800	St	10	-	10	•
London (Kew Obsy.)	1010.5	-4	SW	4	o	50	85	5	1500	St	10	-	10	•
Croydon	1011.1	-3	SW	4	c	50	85	6	800	St	9	ast	10	•
Shoeburyness	1010.5	-5	SW	3	c	49	97	5	1500	StCu	10	-	10	•
Clacton-on-Sea	1009.6	-2	SSW	4	o	43	97	6	4000	St	10	-	10	2
Felixstowe	1010.2	-2	S'W	3	c	44	97	5	4000	StCu	10	-	10	1
Lympne	1012.1	-2	SW	5	o	47	97	7	450	St	10	-	10	•
Scilly (St. Mary's)	1013.9	-2	SW'W	6	o/f	50	97	5	1500	St	10	-	10	5
Falmouth (Pendennis)	1013.1	-3	WSW	5	od-	50	97	6	1500	Nb	10	-	10	1
Plymouth (Cattewater)	1013.9	-3	SW	5	odd	49	97	6	220	St	10	-	10	4
Portland Bill	1012.9	-3	SW	5	odg	48	97	6	1500	St	10	-	10	4
Southampton (Calshot)	1012.9	-4	SW'W	5	od	47	97	6	800	St	10	-	10	3
Dungeness 1000	1012.3	-5	WSW	4	odd	46	97	6	~~450~~	Nb	10	-	10	4
Guernsey (Fort George)	1017.0	-2	WSW	5	odd	49	97	6	1500	St	10	-	10	6

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.	Atmospheric Pollution.
Kew	18	om om	com	cd cbc	51	49	44	-	Tr	0.0	•	•	
Croydon	244	cd m	ocm	cm cbc	51	48	45	Tr	-	0.0			7
Greenwich (Royal Obsy.)	149	cpc	c	cdcbcbc	53	47	40	Tr	Tr	0.0	84	80	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	53	45	~~36~~	-	-	0.0	81	83	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	(40)	•	•	0.0	•	•	•
Camden Square	110	oc	c	•	51	47	40	-	-	•	•	87	•
Kensington Palace	80	o	o	•	52	48	*	-	-	•	{At 18h .93}	77	•
Hampstead Observatory	450	•	•	•	52	45	34	Tr	0.3	0.0	•	89	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 8th

South Kensington Max.	Time.	Min.	Time.
1.3	13h 7th	<0.3	7h 8th

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

Pole Star Record at Greenwich Obsy.

Exposure from 7th ... 17 h. 15 m. to 8th ... 1 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.45	1.28	11
δ Ursae Minoris	13.45	1.21	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.
8th-9th January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.5 / 8.5	12.0 / 12.0	15.54 / 15.55
Greenwich	8.6 / 8.6	12.6 / 12.7	16.7 / 16.8
Wick	9.1 / 9.0	12.19 / 12.19	15.37 / 15.38
Valentia	8.50 / 8.49	12.47 / 12.48	16.46 / 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.
fp 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.

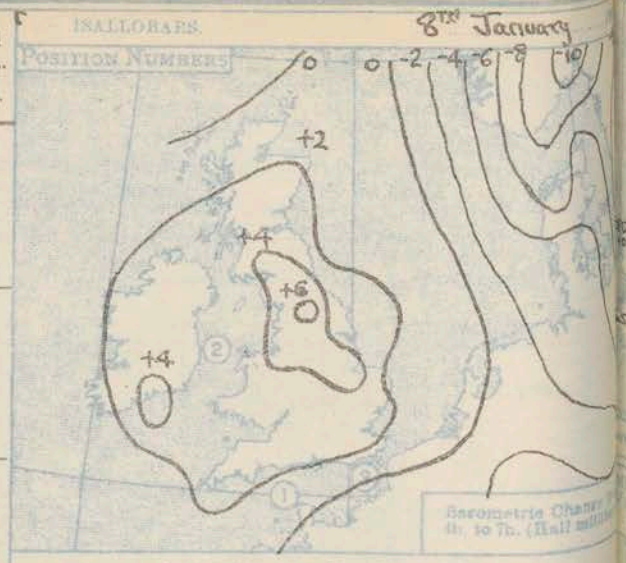
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	13½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 7TH	Weather. 13h.-18h. 7TH	Weather. 18h. 7TH to 1h. 8TH	Weather. 1h.-7h. 8TH	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 7TH Hours.
Lerwick	cor	cpr	oirq	oirqbcb	45	40	.	2	48.00	5	<21.00	0·0
Stornoway	oprc	p	p	p	48	38	.	2	-	10	-	0·0
Wick	crrc	c	cpr	cprl	46	36	.	0·6	48.00	2	24.00	.
Tiree	pdco	pdco	oqprh	oqprh	50	38	35	1	48.00	3	<21.00	0·0
Nairn	bcpc	cbc	bcPR bq	qpbc	47	36	.	1	9.00	7	<21.00	0·0
Aberdeen	orom	ocm	b	prbc	42	38	33	Trace	48.00	0·6	1.30	0·0
Malin Head	oirmr	orrmc	cfRbcpr	bcqph	49	38	.	5	48.00	2	22.00	0·0
Renfrew	ddrrm	orro	odrRfqh	ocbccqf	50	39	35	6	48.00	4	<21.00	0·0
Edinburgh (Inchkeith)	p	po	pq	bbcb	49	40	36	0·5	48.00	1	<21.00	0·0
Leuchars	rodoc	cdc	cbccrbc	obc	48	36	33	0·1	48.00	0·5	24.00	0·0
Eskdalemuir	odorm	orrm	orfc pm	cpmo	47	35	34	15	48.00	2	<21.00	0·0
Tynemouth	oirm	oirm	obcpq	bcpoq	49	40	36	1	48.00	1	24.00	.
Blacksod Point ...	Rr	ro	PQb	PQO	52	40	.	4	-	7	-	.
Donaghadee	orrad	dazc	bc	bcbq	51	39	.	5	48.00	-	-	.
Birr Castle	odit	ocit	cirbc	b	52	39	32	2	48.00	2	<21.00	0·0
Holyhead	com	om	ormc	cbq	49	44	41	0·1	17.30	1	<21.00	0·0
Liverpool (Bidston) ...	ordv	vcqo	mrrc	opbc	51	43	41	0·2	9.00	2	<21.00	0·0
Chester (Sealand) ...	cv	cvc	cfoprbc	bcb	53	45	41	Trace	17.30	0·4	<21.00	0·0
Harrogate	ocrr	corr	cfofbcbqp	bcbq	50	40	36	2	48.00	2	<21.00	0·0
Spurn Head	orc	cpr	cbc	cprbc	49	43	.	1	48.00	0·3	3.30	0·0
Birmingham (Edgbaston)	co	opr	cr	cprb	50	44	41	Trace	13.30	1	<21.00	0·0
Cranwell	opc	c	cdr,c	cbc	50	42	39	Trace	48.00	0·3	22.00	0·0
Gorleston	cor,ro	oc	co	opf	50	49	48	0·3	9.00	Trace	5.30	0·0
Valentia (Cahirciveen)	oird	ord	idpb	cpb	53	44	42	2	48.00	2	<21.00	0·0
Roches Point ...	odd	odd	odc	cbc	52	43	.	1	48.00	0·1	<21.00	.
Pembroke (St. Ann's H.)	cdmqoqidm		oddmq	abczp	50	45	.	0·5	9.00	1	24.00	0·0
Ross-on-Wye	c	dc	cq	cbcqpb	50	47	40	Trace	12.30	0·6	5.30	0·0
Leafield	cpoid	o	oid	odro	48	44	41	0·1	48.00	1	<21.00	0·0
Winchester (Worthy Dn.)	dffmc	c	cprc	c	51	48	44	Trace	48.00	0·1	<21.00	0·0
S Farnborough ...	cdo	o	oc	c	51	47	44	Trace	48.00	-	-	0·0
London (Kew Obsy.) ...	omcm	com	cdoc	bc	51	49	44	-	-	Trace	<21.00	0·0
Croydon	cdo	ocm	cmo	cbc	51	48	45	Trace	11.00	-	-	0·0
Shoeburyness	c	c	c	bc	50	48	46	-	-	-	-	0·0
Clacton-on-Sea ...	og	og	ogo	ocbc	45	43	41	-	-	-	-	0·0
Felixstowe	cmr	cdm	cmo	cbcbw	45	44	42	0·1	9.00	Trace	-	0·0
Lympne	cordfe	orco	odqm	odqwc	48	47	45	Trace	11.00	Trace	<21.00	0·0
Scilly (St. Mary's) ...	oifid	oifid	ofd	ofdbc	50	49	.	0·2	48.00	1	<21.00	0·0
Falmouth (Pendennis)	odmq	omdq	oddmq	odrqc	50	49	.	0·3	48.00	1	<21.00	0·0
Plymouth (Cattewater)	ofmdd	ddmq	ddmqd	omdbc	50	48	45	0·3	48.00	1	<21.00	0·0
Portland Bill	odfmrodz	oddm	oldc		49	46	.	Trace	48.00	Trace	<21.00	.
Southampton (Calshot)	dammom	drq	oddmq	dqpbc	48	45	43	0·3	9.00	0·2	<21.00	0·0
Dungeness	cddodifodd		oddmdd	odbc	47	45	.	0·3	9.00	0·3	<21.00	.
Guernsey	ddfmodjidq		oddqm	oddbc	50	49	.	1	48.00	3	<21.00	0·0



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	7th 10h	Scotia	SSW	5	o	50	48
1	" 12h	St Julien	WSW	5	ifo	51	50
3	8th 2h	Brighton	WSW	5	ro	47	46

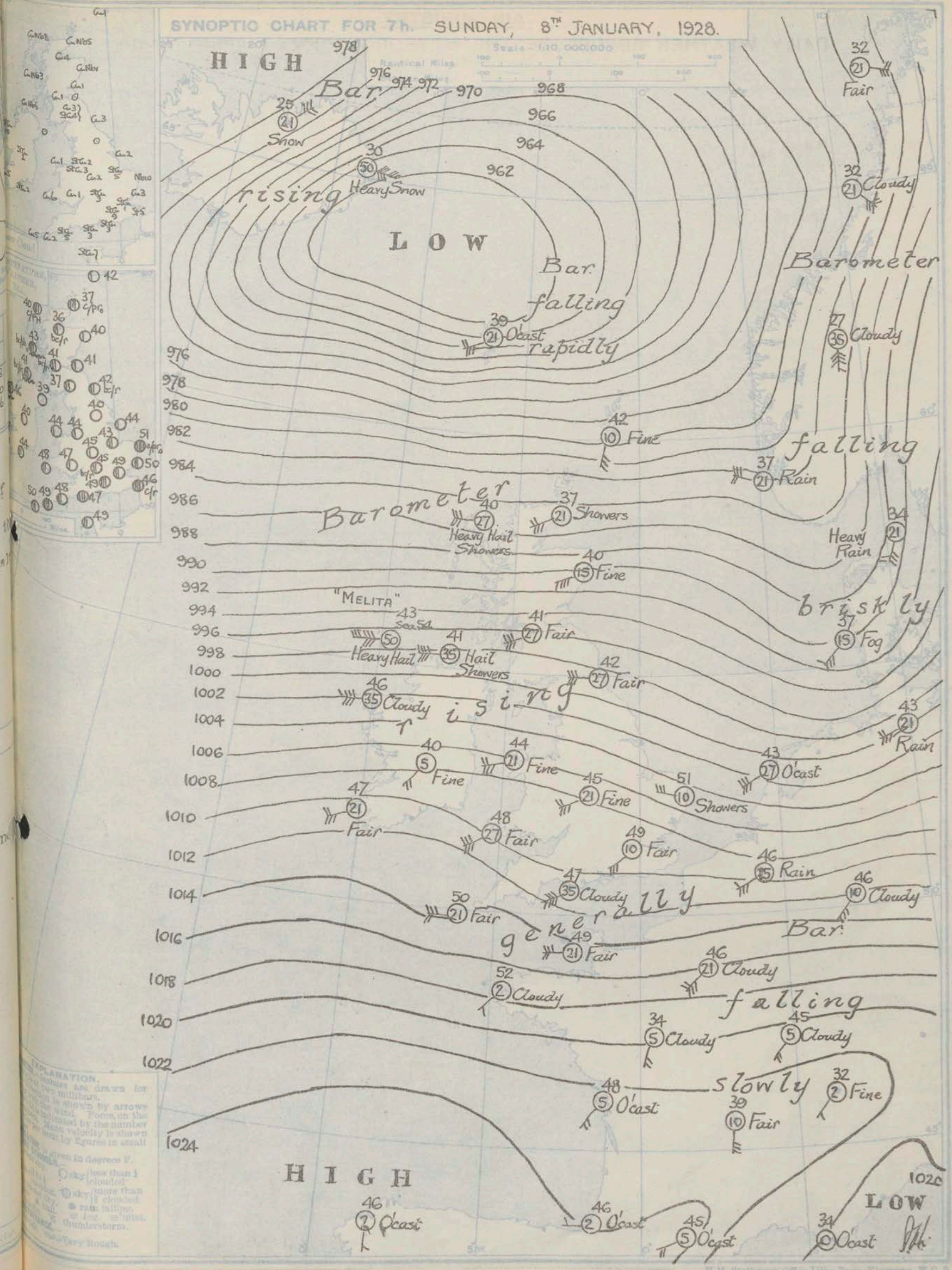
GENERAL INFERENCE.

A deep depression north of the Faeroes is moving east and pressure is rising slowly over the British Isles. Winds will be mainly westerly, strong to a gale locally in northern districts and fresh moderating in the South. There will be bright periods and local showers of rain or hail.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 8th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind westerly, moderate; mainly fine, local showers; rather mild.	Westerly wind and unsettled weather.
7. North Wales † 8. N.W. England † 9. N. Midlands	Wind mainly westerly, moderate or fresh; mainly fine, local showers; temperature lower than of late.	
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 mainly westerly, fresh or strong; bright periods, local showers of hail or rain, perhaps local thunder, temperature lower than of late.	† South Cone still flying.
17. N.W. Ireland † 18. N.E. Ireland †	As 7 - 9.	
19. S.E. Ireland 20. S.W. Ireland	As 1 - 6.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1230 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 Little Press, Kingsway, W.C.2.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Sunday, 8th January...1928. No. 8....

STATIONS.	Height above M.S.L. in feet.	1h. G.M.T. 8th 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	7h. G.M.T. 8th 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
Lerwick	54	978·2	-8	S	3	orr	45	92	7	4000	Nb	10	-	10	977·8	0	S'W	3	b	42	85	8	4000	Cu	1	Ci St	2
Stornoway	30	985·7	+1	W	5	bc/PH	•	•	7	•	•	•	•	3	984·2	0	W	6	c/PH	40	75	6	4000	Cu Nb	8	-	8
Wick	81	983·7	-1	W	2	c/pro	37	97	8	1500	Nb	8	Ci St	10	984·9	+1	WSW	5	c/pc	37	85	8	1500	Cu Nb	5	Ci St	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	993·8	+2	WSW	7	bc/pho	43	75	8	7200	Cu Nb	3	A Cu	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	988·5	•	WNW	3	bc/r	36	85	8	4000	Cu	4	-	4
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	990·3	+2	WSW	4	b	40	75	8	2500	Cu Nb	1	-	1
Malin Head	51	995·4	+3	W	6	bc/pro	44	65	7	4000	Cu Nb	4	-	4	998·7	+3	W	7	bc/pho	41	85	7	4000	Cu Nb	6	-	6
Renfrew	38	•	•	•	•	•	•	•	•	•	•	•	•	•	997·1	+3	WSW	6	bc/r	41	75	9	2500	Cu	1	A Cu	3
Edinburgh (Inchkeith)	190	990·1	-4	WSW	7	c+	46	85	8	4000	Cu	2	A Cu	8	994·3	+2	WSW	7	b	41	75	8	-	-	0	A Cu	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	994·1	+2	WSW	6	b	38	85	8	2500	Cu	1	-	1
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	999·7	+5	WSW	6	bc	37	75	7	2500	St Cu	7	-	7
Tynemouth	67	995·2	-2	W	4	bc/r	50	85	8	1500	Cu Nb	6	-	6	999·0	+2	W	6	bc/r	42	85	8	4000	Cu	3	-	3
Blacksod Point ...	18	1000·2	+2	W	6	bc	51	85	7	•	Cu Nb	4	-	4	1003·6	+2	W	7	c+	46	75	6	•	St Cu	10	-	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1002·4	+3	WNW	4	b-	39	75	8	-	-	0	-	0
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·2	•	SW	2	b-	40	85	7	2500	St Cu	2	-	2
Holyhead	26	1002·5	0	W'S	6	c	49	75	7	2500	Cu	1	A St	9	1006·7	+3	W'S	5	b	44	75	7	1500	Cu	1	-	1
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·8	+5	W'S	5	b	44	75	7	2500	St Cu	2	-	2
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·6	+5	W	4	bc+	45	65	8	2500	St Cu	3	-	3
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·5	+6	WSW	5	b	40	75	8		-	0	-	0
Spurn Head	29	998·8	-2	WSW	6	bc	48	92	6	2500	Cu	5	A Cu	7	1002·6	+3	W'N	7	b-	44	75	6	4000	Cu	2	-	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·2	+3	WSW	5	b	45	65	8	2500	Cu	2	-	2
Cranwell	238	1001·9	-2	SW	6	c+	49	92	8	1500	St	9	-	9	1005·7	+4	WSW	4	bc-	43	92	8	2500	St Cu	5	-	5
Gorleston	14	1003·3	-2	SW	4	o	52	85	8	1500	Nb	10	-	10	1004·1	0	W'N	3	o/pro	51	85	8	1500	Nb	10	-	10
Valentia (Cahirciveen) P	30	1008·0	+3	SW'W	6	c/r	48	75	8	•	Nb	9	-	9	1011·5	+1	WSW	5	bc	47	65	8	2500	Cu	5	A Cu	6
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·6	+4	NW	3	bc	44	92	8	1500	St Cu	2	Ci Cu	4
Pembroke (St. Ann's H.)	150	1005·3	-1	WSW	8	c-	50	92	7	2500	Cu	6	A St	8	1009·8	+3	WSW	6	bc-	48	85	8	2500	Cu	6	A Cu	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·2	+3	W	5	b	47	55	8	4000	Cu	1	-	1
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·9	+3	W'N	4	bc/r	45	92	8	4000	St Cu	3	A Cu	7
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·5	+2	W'S	4	c	49	75	8	2500	St Cu	4	A Cu	8
S. Farnborough ..	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·9	+3	WSW	4	c	49	75	8	2500	St Cu	9	-	9
London (Kew Obsy.) ...	18	•	•	•	•	•	51	•	•	•	•	•	•	•	1009·3	+3	WSW	3	bc+	49	85	7	2500	St Cu	1	A Cu	3
Croydon	244	1008·4	-2	SW	5	c	50	85	8	1500	St Cu	8	A St	10	1009·1	+2	W'S	4	bc	48	85	8	4000	St Cu	1	A Cu	4
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·6	+2	W'S	3	bc-	49	92	6	-	-	0	A St	4
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·9	+2	WNW	4	bc	50	85	7	5700	Cu	3	Ci Cu	6
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·0	+2	WSW	5	bc	50	85	8	4000	St Cu	1	Ci	4
Lympne	350	1009·2	-4	SW	5	odo	48	97	6	800	St	10	-	10	1009·5	+1	SW	3	c-	47	97	7	800	St	5	Ci Cu	8
Scilly (St. Mary's) ...	163	1012·2	-1	SW'W	6	ffo	51	97	3	800	St	10	-	10	1013·6	+1	W	5	bc	50	85	7	4000	Cu	5	-	5
Falmouth (Pendennis)	200	1011·8	-1	WSW	6	odd	51	97	6	1500	Nb	10	-	10	1014·5	+2	WNW	4	c	49	85	7	4000	Cu	2	A Cu	8
Plymouth (Cattewater)	38	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·9	+3	NW	4	bc-	48	85	7	1500	St Cu	5	Ci Cu	6
Portland Bill	32	1009·3	-3	SW	7	odd	50	97	5	800	St	10	-	10	1010·7	+2	WSW	5	c-	47	92	8	2500	St Cu	3	Ci Cu	9
Southampton (Calshot)	10	1010·2	-2	SW'W	5	odd	48	97	6	450	St	10	-	10	1011·0	+2	WSW	4	c+	45	97	7	1500	St Cu	3	A Cu	8
Dungeness	20	1008·9	-3	WSW	5	oDD	47	97	5	800	Nb	10	-	10	1009·7	+2	WSW	4	c/r	46	97	7	~~450~~	St	8	-	8
Guernsey (Fort George) P	295	1015·2	-3	SW	4	oddo	50	97	5	4000	Nb	10	-	10	1015·0	+1	W	5	bc-	49	97	7	4000	St Cu	7	-	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 7th January. 1000

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	c	croc	36	50	3	04	0·1
Douglas (I. o. M.) ...	o	orr	41	50	9	5	0·0
Llandudno ...	dod	dor	41	51	-	1	0·0
Colwyn Bay ...	coc	cor	42	57	-	0·3	0·0
Rhyl...	c	c	38	53	0·1	-	0·0
Wallasey	oro	orc	39	52	-	1	0·0
Southport	r	ro	40	50	1	3	0·0
Blackpool	or	o	40	46	6	2	0·0
Ilkley	or	oro	33	51	3	3	0·0
Cleethorpes... ...	o	odo	34	50	1	Trace	0·0
Skegness	o	o	34	48	-	-	0·0
Aberystwyth ...	cm	mo	39	48	0·3	Trace	0·0
Bath	c	doc	38	52	Trace	Trace	0·0
Cheltenham‖ ...	o	oc	36	50	-	-	0·0
Leamington Spa ...	c	c	38	50	-	-	0·0
Lowestoft	cr	cr	37	49	-	Trace	0·0
Felixstowe	cmd	cme	36	47	-	0·3	0·0
Harwich & Dovercourt	ocd	ocd	36	50	Trace	Trace	0·0
Southend	ocdo	oc	37	47	-	Trace	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o	odo	43	50	1	0·2	0·0
Bude	od	odod	41	51	0·6	0·5	0·0
Penzance	od	od	46	51	1	0·3	0·0
Paignton	odqpo	odmo	43	52	Trace	Trace	0·0
Torquay	omedpo	odpo	44	51	Trace	Trace	0·0
Jersey	d	d	46	50	Trace	0·2	0·0
Weymouth	foc	mo	43	50	0·1	-	0·0
Bournemouth ...	o	o	41	51	0·3	-	0·0
Ventnor ...	of	d	40	48	Trace	0·5	0·0
Portsmouth (S'thsea)	odo	odo	38	50	Trace	0·2	0·0
Bognor	oo	oro	36	48	-	0·3	0·0
Littlehampton ...	od	8o	36	46	-	0·1	0·0
Worthing	od	od	36	47	0·3	0·3	0·0
Brighton	or	ro	37	47	-	2	0·0
Eastbourne‖	oroo	ododo	40	50	-	0·6	0·0
Hastings‖	omffd	ofmd	38	49	-	1	0·0
Folkestone	omfe	ofe	37	48	-	-	0·0
Dover	odo	oudo	38	46	-	Trace	0·0
Tunbridge Wells ...	oeo	o	34	49	-	-	0·0
Ramsgate	co	o	38	50	-	-	0·0
Margate	c	c	39	51	-	-	0·0
Deal	o	o	37	51	Trace	Trace	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.24,154 Monday, 9th January 1928.

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

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	979·3	0	WSW	5	c/p	43	75	8	4000	Cu Nb	7	A Cu	9	•
Stornoway	988·7	+5	WNW	6	c KQ h	42	65	6	4000	Cu Nb	8	-	8	•
Wick	988·4	+3	SW	4	c/p$_r$	37	92	8	1500	Cu Nb	6	A St	8	•
Tiree	997·0	+2	WSW	6	bc r$_o$	43	75	8	2500	Nb	6	-	6	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	994·3	+3	SW	4	b	42	75	8	2500	Cu	1	A Cu	1	2
Malin Head	1001·4	+2	W	7	bc/p h	42	92	7	4000	Cu Nb	3	A Cu	4	•
Renfrew	1000·4	+2	WSW	5	bc j p	42	75	8	2500	Cu Nb	7	-	7	2
Edinburgh (Inchkeith)	998·4	+4	WSW	5	c r	40	85	8	1500	Nb	9	-	9	•
Leuchars	996·9	+1	SW	7	bc/p r$_o$	42	85	8	2500	Cu Nb	6	-	6	1
Eskdalemuir	1002·6	0	SW'W	6	c/p R	39	85	8	2500	Cu	8	-	8	2
Tynemouth	1002·1	+1	SE	4	bc	45	75	7	2500	Cu	3	-	3	•
Blacksod Point	1006·3	+2	W	6	c	46	85	6	*	Cu Nb	8	-	8	•
Donaghadee	1003·4	+1	NNW	5	bc-	43	65	8	4000	St Cu	3	Ci	4	•
Birr Castle	1009·5	•	SW	3	bc+	41	85	7	1600	Cu	6	-	6	•
Holyhead	1010·0	+2	SW	5	c	46	75	7	1500	St Cu	8	Ci St	9	2
Liverpool (Bidston)	1008·7	0	W'S	6	b+	45	65	8	2500	Cu	1	Ci St	1	•
Chester (Sealand)	1009·2	+1	W'S	4	b+	48	55	8	2500	Cu	1	Ci	2	1
Harrogate	1006·1	0	WSW	6	b	43	75	8	2500	Cu	1	-	1	•
Spurn Head	1007·1	0	WSW	4	bc	44	75	6	4000	Cu	4	-	4	•
Birmingham (Edgbaston)	1011·3	0	WSW	5	b	46	55	8	2500	Cu	1	Ci	2	2
Cranwell	1009·2	+1	WSW	5	b	45	65	6	-	-	0	-	0	1
Gorleston	1010·1	+6	W	4	b	49	75	7	5700	Cu	2	-	2	•
Valentia (Cahirciveen)	1013·3	0	SW'W	4	c/p$_r$	48	75	8	2500	St Cu	6	A St	8	2
Roches Point	1013·9	+2	WNW	2	bc	45	85	8	1500	St Cu	2	Ci	6	•
Pembroke (St. Ann's H.)	1013·5	+1	W	5	bc	48	75	8	2500	Cu	5	Ci	7	•
Ross-on-Wye	1012·7	0	W	4	c ⊕	47	55	8	4000	Cu	1	Ci St	8	1
Leafield	1012·9	+2	W'S	4	bc	45	65	8	4000	Cu	4	A St	7	2
Winchester (Worthy Dn.)	1014·3	+2	W'S	3	c/p R-	45	85	8	2500	Cu	3	Ci St	9	2
S. Farnborough	1013·3	+2	WSW	4	c ⊕	48	75	8	4000	St Cu	3	Ci St	8	2
London (Kew Obsy.)	1013·4	+2	W'S	3	bc	49	55	6	4000	Cu	2	Ci St	7	2
Croydon	1013·2	+2	W	3	c+	49	65	7	2500	Cu	2	Ci	8	1
Shoeburyness	1013·0	+3	W	2	mbc	48	85	4	4000	Cu	1	Ci St	6	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1012·0	+3	WSW	4	b-	48	55	8	2500	Cu	2	-	2	1
Lympne	1013·4	+3	SW	4	bc	49	75	8	-	-	0	Ci	5	2
Scilly (St. Mary's)	1016·5	+1	W	3	bc	49	92	7	4000	St Cu	7	-	7	•
Falmouth (Pendennis)	1016·0	0	WNW	3	c-	47	85	8	4000	St Cu	8	-	8	•
Plymouth (Cattewater)	1016·4	+1	WSW	4	c	49	85	6	1500	Nb	8	A St	9	2
Portland Bill	1015·1	+1	SW	3	c ⊕	49	75	8	2500	St Cu	1	A St	9	•
Southampton (Calshot)	1014·9	+1	W	4	bc+	49	65	7	2500	Cu	3	Ci St	7	0
Dungeness	1014·1	+3	WSW	4	bc-	46	92	7	-	-	0	Ci Cu	4	•
Guernsey (Fort George)	1017·9	+1	W	3	c	50	92	7	1500	Cu Nb	4	A St	9	•

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

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	980·6	+3	SW	6	bc j p	42	92	8	4000	Cu Nb	7	-	7	•
Stornoway	992·4	+5	WNW	7	c/p h	38	85	6	4000	Cu Nb	8	-	8	6
Wick	990·8	+3	WSW	4	bc	37	97	8	2500	St Cu	2	A Cu	4	3
Tiree	998·6	+2	WSW	6	b/p r$_o$	43	75	7	2500	Cu Nb	2	-	2	8
Nairn	995·6	•	WNW	2	bc/r	36	85	8	1500	Cu Nb	5	-	5	•
Aberdeen	996·0	+2	SW	4	b	40	75	8	4000	St Cu	1	-	1	0
Malin Head	1002·9	+1	W	7	bc/p h	41	92	7	4000	Cu Nb	4	A Cu	4	8
Renfrew	1002·5	+3	W	7	c R	41	85	7	800	Nb	9	-	9	•
Edinburgh (Inchkeith)	1000·1	+2	WSW	5	b-	41	85	8	-	-	0	A Cu	1	3
Leuchars	999·3	+4	WSW	6	bc	39	85	8	2500	St Cu	3	-	3	•
Eskdalemuir	1004·4	+3	SSW	5	c r$_o$	38	85	7	2500	Cu	9	-	9	•
Tynemouth	1001·7	-1	W	6	bc	43	75	7	1500	St	2	Ci	3	6
Blacksod Point	1005·8	0	W	5	c	47	75	7	•	-	0	A St	10	7
Donaghadee	1006·7	+4	WSW	2	bc+	42	75	7	4000	St Cu	5	-	5	2
Birr Castle	1009·2	•	SW	2	c+	42	75	7	1500	St Cu	9	-	9	•
Holyhead	1010·2	0	SW	4	bc	44	85	6	1500	St Cu	4	-	4	4
Liverpool (Bidston)	1010·2	0	SW	2	c+	43	75	8	2500	St Cu	3	Ci St	10	•
Chester (Sealand)	1010·2	0	SW	3	bc	45	65	7	2500	St Cu	5	Ci	7	•
Harrogate	1006·2	0	WSW	7	b	41	85	7	-	-	0	A Cu	1	•
Spurn Head	1007·8	0	SW'W	4	bc	41	85	6	5700	St Cu	3	-	3	3
Birmingham (Edgbaston)	1012·3	0	SW	3	b	41	85	6	-	-	0	-	0	•
Cranwell	1010·5	+3	SW	3	bc+	40	85	6	4000	St Cu	3	-	3	•
Gorleston	1011·5	0	SW	2	b	42	75	7	-	-	0	-	0	0
Valentia (Cahirciveen)	1012·0	-2	SW	2	c	46	85	8	1500	St	7	A St	9	4
Roches Point	1013·2	0	W	2	c	45	97	8	1500	St Cu	2	Ci St	8	1
Pembroke (St. Ann's H.)	1012·8	+1	WSW	5	bc	47	75	8	2500	St Cu	4	A St	6	4
Ross-on-Wye	1013·1	0	W'S	3	bc	43	75	8	-	-	0	Ci St	3	•
Leafield	1013·7	0	SW'S	3	bc	38	85	8	-	-	0	Ci	4	•
Winchester (Worthy Dn.)	1015·2	0	SW'W	1	bc-	40	85	7	-	-	0	A St	6	•
S. Farnborough	1014·6	+1	WSW	3	bc-	40	75	7	-	-	0	Ci St	3	•
London (Kew Obsy.)	1014·4	+1	SW'W	2	bc	43	75	6	5700	St Cu	2	Ci St	3	•
Croydon	1014·5	+1	SW'W	3	bc-	43	75	6	-	-	0	A Cu	3	•
Shoeburyness	1014·5	+1	W	1	bc	41	97	6	-	-	0	Ci St	3	•
Clacton-on-Sea	1013·4	+2	SW	3	bc	41	85	6	2500	Cu	4	-	4	1
Felixstowe	1013·7	+1	SSW	2	b	40	85	7	-	-	0	Ci	2	0
Lympne	1014·9	+2	SW	3	bc	41	85	7	-	-	0	Ci	5	•
Scilly (St. Mary's)	1016·8	0	SW'W	3	c+	48	92	6	4000	St Cu	10	-	10	4
Falmouth (Pendennis)	1016·4	-1	SW	3	c	47	85	7	4000	St Cu	10	-	10	1
Plymouth (Cattewater)	1016·2	0	WSW	3	c	47	92	7	2500	St Cu	6	Ci St	9	2
Portland Bill	1015·5	+1	SW'W	3	c-	47	85	6	2500	St Cu	3	A St	8	1
Southampton (Calshot)	1015·7	+1	WSW	3	c	44	85	8	2500	St Cu	5	A St	9	0
Dungeness	1015·0	+2	W	2	bc-	44	92	8	-	-	0	Ci Cu	3	2
Guernsey (Fort George)	1017·9	0	W	2	c	48	92	6	2500	St Cu	8	A St	10	1

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	18	bcz	bc	cmcbcw	50	40	32	-	Tr	3·9	*	*	5
Croydon (24 hours ended 7h.)	244	cbbc	cbcm$_o$	bcwWbw	49	38	35	-	-	3·5	*	*	5
Greenwich (Royal Obsy.)	149	b	bcb	bcwcbw	49	38	28	-	Tr	3·1	61	94	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2·9	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	51	41	~~25~~ (24)	-	-	3·1	91	90	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*		*	*	3·1	*	-	*
Camden Square	110	b	b	*	49	41	31	-	-	*	*	87	*
Kensington Palace	80	b	bcc	*	50	40	*	-	-	*	(At 18h) 75	91	*
Hampstead Observatory	450	*	*	*	48	37	26	-	Tr	3·9	*	96	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 9th.

South Kensington Max.	Time.	Min.	Time.
1·0	17h 8th	<0·3	4h 9th

Kew Observatory Max.	Time.	Min.	Time.
<0·3	Throughout		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 8th ..... 17 h. 15 m. to 9th ..... 1 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.45	07.02	57
δ Ursae Minoris	13.45	06.37	48

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.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	8·5 / 8·4	12·0 / 12·0	15·25 / 15·57
Greenwich	8·6 / 8·5	12·7 / 12·7	16·8 / 16·9
Wick	9·0 / 8·59	12·19 / 12·20	15·38 / 15·40
Valentia	8·49 / 8·49	12·48 / 12·48	16·47 / 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—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 } 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.

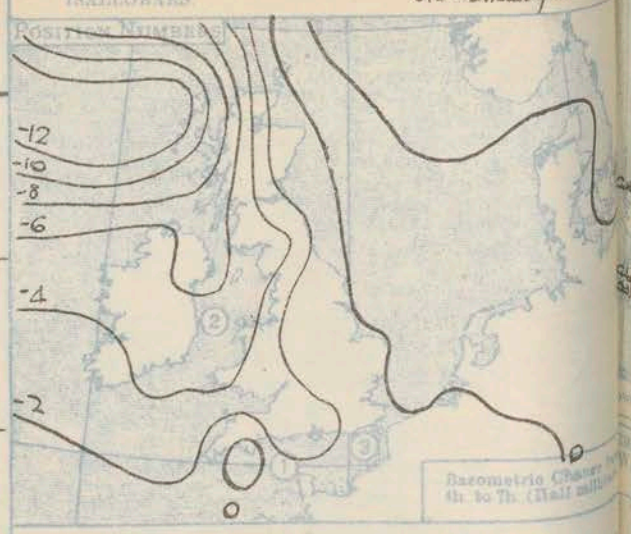
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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. 8th	Weather. 13h.-18h. 8th	Weather. 18h. 8th to 1h. 9th	Weather. 1h.-7h. 9th	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 & Hours.
Lerwick	cphrq	clRbcq	coirq	oirc	44	38	.	4	<8.00	5	<21.00	0.0
Stornoway	cphq	h-rh	p	bcpor	42	36	.	7	.	1	.	1.3
Wick	cpr	b-bc	b-bc	b-bc	39	35	.	2	<8.00	-	-	.
Tiree	bcphr	prhbc	pro q	pro q	45	40	35	2	<8.00	1	<21.00	1.0
Nairn	bcprsq	bcprq	bcpq	bcq	40	38	.	5	9.00	0.3	<21.00	1.2
Aberdeen	b-bc	b	b	b	43	35	27	-	-	-	-	5.6
Malin Head	bcPHR	bcPHR	bcprbc	ω bcerr	45	41	.	4	<8.00	3	<21.00	2.6
Renfrew	cphprq	cprq	cpq	cpr	43	39	37	3	9.00	4	<21.00	1.1
Edinburgh (Inchkeith)	prsrc	bcb	bbcb	cbc	43	39	36	1	<8.00	Trace	22.00	3.0
Leuchars	cPRbbcr	bbcpr	b	bbcc	43	36	32	1	9.00	-	-	4.4
Eskdalemuir	bccp	bccp	coir	ocopr	39	37	36	1	11.00	2	<21.00	0.1
Tynemouth	bcq	bcq	bcq	c	45	40	39	-	-	-	-	.
Blacksod Point ...	Pqc	pqo	cgc	pqo	51	40	.	2	-	3	-	.
Donaghadee	bbcq	bc	cbc	bc	45	38	.	-	-	-	-	.
Birr Castle	bpr	bcc	cpr	cir	46	39	33	Trace	11.00	2	24.00	2.8
Holyhead	bcz	prcbc	c	bccpr	47	43	41	Trace	13.30	Trace	-	2.3
Liverpool (Bidston) ...	b.bq	bbcco	c	cbwbc	45	41	33	-	-	-	-	5.9
Chester (Sealand) ...	b.by	bbc	bcc	bcb	49	37	30	-	-	-	-	6.0
Harrogate	bq	bbcq	bbcq	bbcc	44	38	35	-	-	-	-	5.0
Spurn Head	b-bc	b-bc	c	b-bc	45	38	.	-	-	-	-	5.1
Birmingham (Edgbaston)	bpr	b	bbc	bc	46	38	34	0.1	<8.00	-	-	5.1
Cranwell	b-bc	bbc	c	c,b	45	38	35	-	-	-	-	5.7
Gorleston	cbcb	b-bc	bbcc	bcbw	51	38	34	-	-	-	-	4.8
Valentia (Cahirciveen)	bccpo	cpo	opcbc	bccop	48	44	40	0.5	9.00	3	<21.00	0.4
Roches Point	bc	bbc	cbc	bc	48	44	.	-	-	-	-	.
Pembroke (St. Ann's H.)	b-bc	bc	bcq	bcqpo	48	45	.	-	-	Trace	24.00	2.0
Ross-on-Wye	bcbbcc	cybc	bcc	bccdo	48	41	31	-	-	0.1	6.30	4.0
Leafield	bc	bc	bcbw	bbc	45	37	32	-	-	Trace	-	4.4
Winchester (Worthy Dn.)	cpr	cbc	bccmr	omff	49	38	30	0.5	11.00	0.1	22.00	1.7
S. Farnborough ...	cbcc	c	bcb	bw	49	39	35	-	-	-	-	3.3
London (Kew Obsy.) ...	bcz	bc	cmc	bcbw	50	40	32	-	-	Trace	-	3.9
Croydon	cbbc	cbcrn	bccmw	cbm.f	49	38	35	-	-	-	-	3.5
Shoeburyness	bcbz	bc	bcm	bcm	50	37	33	Trace	<8.00	-	-	3.9
Clacton-on-Sea ...	bccpbc	bcm	bcm	bcmb	50	38	32	0.5	9.00	-	-	5.0
Felixstowe	CTbc	bybcb	bw	bw	49 50	37	32	Trace	9.00	Trace	-	4.6
Lympne	cofobc	cbc	bcc	crobcb	49	39	36	-	-	Trace	4.30	0.0
Scilly (St. Mary's) ...	bc	bc,cm	ciR	cbc	50	47	.	-	-	3	24.00	0.4
Falmouth (Pendennis)	cr	c	c	bcpr	50	45	.	0.1	11.00	0.2	3.30	0.1
Plymouth (Cattewater)	bccm	crm	cbw	bwbc	52	47	43	0.2	13.30	Trace	-	0.0
Portland Bill	c	c.cp.cz	c	cbbcb	49	46	.	Trace	15.30	-	-	.
Southampton (Calshot)	bc	c	cwcidr	cbcbw	49	40	36	Trace	9.00	0.1	24.00	3.5
Dungeness	cbbc	bc	bcc	cbbc	46	40	.	-	-	-	-	.
Guernsey	bcc	cbcc	cbcc	cor.r.c	50	46	.	-	-	0.1	4.30	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	9th 2h	Dieppe	W	2	C	49	47

GENERAL INFERENCE.

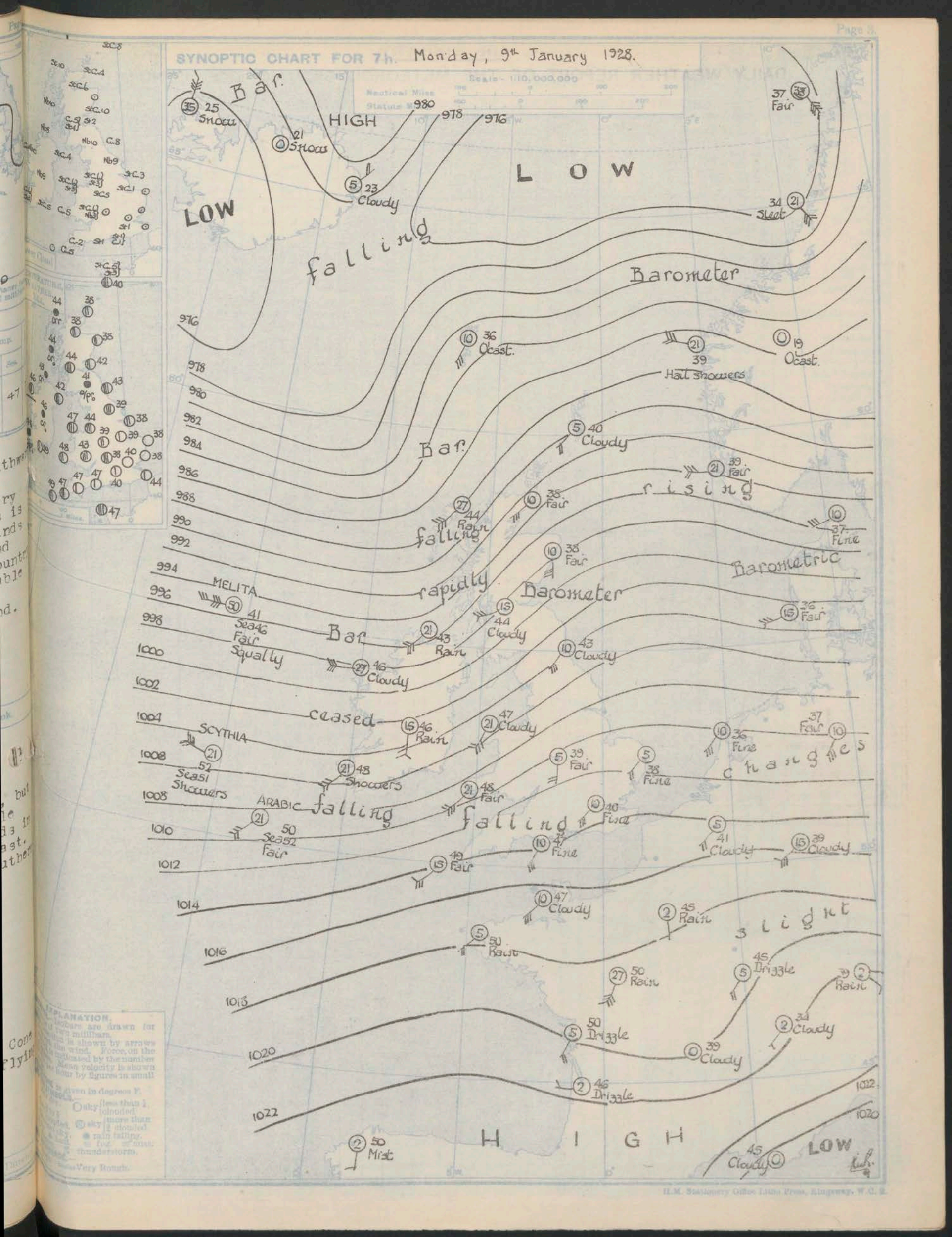
Pressure is high to southwa and low to northward of the British Isles and a secondary depression off the Hebrides is moving rapidly eastward. Winds will be westerly, strong and squally over most of the countr and weather will be changeable and showery except in the southeastern part of England.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Monday, 9th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Wind between southwest and west, moderate or fresh; mainly fair; mild.	Unsettled, but considerable fair periods in the Southeast. Mild in southern districts.
4. W. Midlands	Wind between southwest and west, moderate or fresh; mainly fair, but local showers; mild.	
5. S.W. England	Wind between southwest and west, moderate to strong; occasional showers, bright intervals; mild.	
6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Wind between southwest and west, strong and squally at times; showers of rain or hail; bright intervals; mild.	
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	Wind between southwest and west, strong to a gale at times; squally; changeable, showers of rain, hail or sleet, snow showers on hills; perhaps local thunder; bright intervals; moderate temperature.	South Cone still flyin
19. S.E. Ireland 20. S.W. Ireland	As 6 - 10.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1020 G.M.T. G. C. Simpson, F.R.S. Director.

† For code see page 1

† Trace = rain not taken, 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, 9th January 1928. No. 9

Stations	Height above M.S.L. in feet	Observations at 1h. G.M.T. 9th: 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. 9th: 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	986.2	+4	W'S	5	or.	38	92	7	4000	Nb	10	-	10	989.0	+2	SW	2	c	40	92	8	5700	StCu	8	-	8
Stornoway	30	997.0	+2	W	4	bc|PH	•	•	7	•	•	•	•	7	987.3	-12	SW	6	orr	44	92	6	1500	St	10	-	10
Wick	81	994.7	+1	W	3	bc	35	75	8	2500	Cu	2	CiSt	4	993.9	-1	SW	3	bc	38	92	8	2500	StCu	4	CiSt	6
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	991.6	-9	SW	5	or.	44	92	7	800	Nb	10	-	10
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	993.2	•	W	1	bc	38	85	8	5700	StCu	6	-	6
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	998.0	-1	S	3	bc(1)	38	85	6	-	-	0	A.Cu	4
Malin Head	51	1002.2	-2	S	5	bc	42	92	7	-	-	0	ACu	3	994.5	-5	SW	5	cr	43	97	7	4000	Nb	8	A.Cu	9
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	999.3	-4	WSW	4	c	44	85	7	800	Cu	9	-	9
Edinburgh (Inchkeith)	190	1001.2	0	WSW	4	b	41	85	8	-	-	0	ACu	2	998.3	-3	WSW	3	bc+	42	85	8	1500	St	2	A.Cu	7
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	999.0	-1	SSW	5	c	41	85	8	2500	StCu	10	-	10
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.4	-4	SW	7	o/pr.	41	92	7	1500	Nb	10	-	10
Tynemouth	87	1004.8	0	W	2	c+	44	75	8	2500	Cu	9	-	9	1003.5	-1	SW	3	c	43	85	6	2500	Cu	8	-	8
Blacksod Point	18	1003.7	-3	S	4	c	46	75	7	•	CuNb	8	-	8	998.0	+2	W	6	c	46	97	6	•	CuNb	10	-	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.9	-7	WSW	2	bc+	42	85	8	4000	StCu	4	A.St	7
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.0	•	S	4	cr.	46	85	6	1500	Nb	9	-	9
Holyhead	26	1009.3	-1	WSW	4	bc-	45	85	7	-	-	0	ACu	6	1005.9	-4	SSW	5	c	47	92	6	2500	StCu	9	-	9
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.9	-1	SSW	3	c+	44	85	8	2500	StCu	9	-	9
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.4	-3	S'E	1	c+	43	85	7	4000	StCu	9	-	9
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.9	-1	S	1	c+	39	92	5	2500	Nb	9	-	9
Spurn Head	29	1008.6	0	SW	4	c	40	85	7	4000	StCu	10	-	10	1008.3	0	WSW	5	bc-	38	97	7	4000	StCu	3	CiCu	5
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.5	-1	S	2	bc+	39	92	8	4000	StCu	5	A.Cu	7
Cranwell	236	1010.9	0	SW'S	4	c+	40	85	6	2500	StCu	6	ASt	10	1010.6	-1	SW'S	3	b-	39	92	6	4000	StCu	1	-	1
Gorleston	14	1011.7	-1	WSW	2	c	41	85	7	-	-	0	ASt	10	1011.0	-1	SW	2	b	38	97	7	-	-	0	-	0
Valentia (Cahirciveen) P	30	1010.3	-5	SW'W	4	cjp	47	92	8	•	St	8	-	8	1005.0	-3	SW'W	5	c/pr.	48	85	8	2500	StCu	9	-	9
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.7	-4	SW	5	bc	49	97	8	1500	StCu	5	-	5
Pembroke (St. Ann's H.)	150	1011.6	-2	WSW	5	bc|pr.	47	92	8	2500	Cu	5	ASt	7	1008.7	-4	SW'W	5	bc	48	92	8	2500	Cu	5	A.St	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.3	-2	SSW	3	c/d	43	92	6	2500	StCu	9	-	9
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.8	-1	SW	3	c+	38	97	7	-	-	0	A.St	8
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.4	-3	SW	2	ffo	40	97	3	450	St	10	-	10
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.9	-2	SW	2	b	40	97	7	450	St	1	-	1
London (Kew Obsy.)	18	•	•	•	•	•	42	•	•	•	•	•	•	•	1012.8	-1	SW'S	3	b	40	97	6	-	-	0	-	0
Croydon	244	1014.0	-2	SW'W	2	c	44	85	7	2500	StCu	9	-	9	1013.2	0	S	3	fb+	39	97	2	-	-	0	-	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.8	-1	SSW	2	b-	37	92	5	-	-	0	-	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.6	-1	WNW	2	b	38	92	7	-	-	0	-	0
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.7	0	S	2	b	38	97	8	-	-	0	-	0
Lympne	350	1014.7	0	SW	3	c	40	92	7	2500	StCu	10	-	10	1013.7	-1	SW'S	2	b	39	92	7	4000	StCu	1	-	1
Scilly (St. Mary's)	163	1015.7	-1	WSW	3	c	47	97	8	4000	StCu	8	-	8	1014.2	-2	SW	4	bc-	49	97	7	-	-	0	A.St	3
Falmouth (Pendennis)	200	1015.3	-2	W'S	4	bc-	47	92	8	4000	StCu	7	-	7	1013.4	-1	SW	3	bc	47	97	8	4000	Cu	5	-	5
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.4	0	SW	3	b	47	92	8	2500	Cu	2	-	2
Portland Bill	32	1014.6	-1	SW'W	4	c+	47	85	8	2500	St	10	-	10	1013.2	-2	SSW	3	b-	47	92	6	1500	St	1	A.Cu	2
Southampton (Calshot)	10	1014.9	-1	WSW	3	c/r	44	97	7	1500	St	5	ASt	10	1013.8	-2	WSW	2	b+	42	97	7	1500	St	2	-	2
1500 Dungeness	20	1015.3	0	WSW	2	c+	43	97	7	800	St	4	ACu	8	1014.0	-2	WSW	2	b-	44	92	8	-	-	0	CiCu	2
Guernsey (Fort George) P	295	1017.4	-2	-	0	c+	47	92	6	4000	StCu	10	-	10	1016.1	-1	SW'W	3	c/r	47	97	7	1500	StCu	8	-	8

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 7th to 9h. 8th	Temperature. Max. 9h. -17h. 8th	Rainfall.† Night 17h.-9h. 7th-8th	Rainfall.† Day 9h.-17h. 8th	Sunshine. Sunrise to Sunset. 8th
(1)	(2)	(3)	(4) °F	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	bc	cr.	38	43	1	0.4	4.2
Douglas (I. o. M.)	bcc	cbc	40	45	1	-	3.4
Llandudno	b	bbc	43	46	4	-	4.9
Colwyn Bay	orcb	bbcc	43	47	4	-	4.1
Rhyl	bcb	bbc	38	~~53~~?	3	-	5.9
Wallasey	b	bbc	41	46	1	-	5.2
Southport	b	bbcc	*42	45	1	-	4.5
Blackpool	c	bco	42	45	0.6	-	4.2
Ilkley	bc	bc	38	44	b	-	3.1
Cleethorpes	b	b	41	46	Trace	-	5.8
Skegness	bcb	b	43	46	1	-	5.7
Aberystwyth	rbc	bc	43	46	3	-	5.0
Bath	cpbcb	bbcc	45	48	2	1	2.5
Cheltenham‖	crbcb	bbc	44	49	1	-	4.7
Leamington Spa	bc	cbc	43	47	2	-	4.6
Lowestoft	b	b	40	48	Trace	-	4.6
Felixstowe	bc	bcb	40	49	-	-	4.5
Harwich & Dovercourt	bc	bc	47	49	Trace	-	4.6
Southend	bm.	bcb	41	48	-	-	3.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	odcb	bbc	48	48	1	0.3	1.5
Bude	rbcp.	c	42	51	1	Trace	1.4
Penzance	c	cd	47	49	1	0.3	0.2
Paignton	bc	corpom	46	51	2	Trace	1.1
Torquay	c	cpoo	47	51	1	Trace	2.2
Jersey	do	o	48	50	1	-	0.0
Weymouth	cb	bcsc	46	51	-	Trace	2.6
Bournemouth	cbc	bcc	45	49	-	-	3.7
Ventnor	rgbc	bc	43	48	1	-	4.1
Portsmouth (S'thsea)	cbc	co	46	50	-	-	2.3
Bognor	bc	bc	44	50	0.3	-	3.6
Littlehampton	bc	bc	45	48	0.1	-	3.9
Worthing	bc	bc	45	48	1	-	4.0
Brighton	bc	c	44	46	3	-	3.5
Eastbourne‖	bc	bcc	47	50	1	-	4.1
Hastings‖	bcbbc	bccbc	45	49	2	-	2.8
Folkestone	cbcm	bc	43	50	Trace	-	3.2
Dover	bccb	bbc	44	49	0.3	-	4.0
Tunbridge Wells	bbcb	bbc	40	50	Trace	-	4.1
Ramsgate	bc	bcb	43	51	-	-	3.7
Margate	bc	bc	45	51	-	-	3.5
Deal	bcb	bbcc	44	51	-	-	3.8

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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. B. 24155. Tuesday, 10th January 1928.

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

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	985.7	-3	S	4	orr	42	92	7	4000	Nb	10	-	10	•
Stornoway	990.2	+3	WSW	4	bc/pr	40	75	6	2500	CuNb	7	-	7	•
Wick	990.8	-3	WSW	2	bc°	~~43~~ 41	92	8	2500	StCu	4	CiSt	6	•
Tiree	995.5	+2	W	6	bc/PH	42	65	8	1500	CuNb	3	-	3	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	992.6	-4	SSW	4	b-	44	85	7	1500	Cu	1	ASt	2	2
Malin Head	999.8	+4	WNW	6	bc/ph	42	65	7	5700	CuNb	~~3~~ 2	ACu	~~4~~ 3	•
Renfrew	997.1	+3	W	6	bc-°	43	85	7	2500	Cu	3	-	3	2
Edinburgh (Inchkeith)	995.8	-2	WSW	5	bc	43	85	8	4000	Cu	2	ACu	3	•
Leuchars	995.1	0	SW	5	bc-	44	85	8	2500	Cu	1	ASt	3	1
Eskdalemuir	998.6	-1	W	6	cr	39	85	7	1500	Nb	9	-	9	2
Tynemouth	998.1	-4	SW	5	o	47	85	6	1500	Nb	10	-	10	•
Blacksod Point	1002.4	+2	W	5	bc	43	85	8	*	CuNb	5	-	5	•
Donaghadee	1002.3	+3	WNW	3	bc/pr°	42	85	8	4000	CuNb	5	-	5	•
Birr Castle	1005.0	•	SW	3	b-	44	75	7	2500	Cu	2	-	2	•
Holyhead	1004.9	+1	W'N	6	bc	47	85	6	1500	Cu	7	-	7	2
Liverpool (Bidston)	1003.6	-3	W'S	5	c/pr	45	85	8	800	CuNb	9	-	9	•
Chester (Sealand)	1003.5	-4	WSW	5	c/pr°	49	75	8	2500	St	5	Ci	8	2
Harrogate	1002.2	-3	SW	6	cf°+	44	85	6	2500	Nb	5	ASt	10	•
Spurn Head	1003.6	-6	SW'S	6	c+	44	85	6	5700	StCu	4	ASt	9	•
Birmingham (Edgbaston)	1006.4	-6	SSW	4	c+	45	85	6	2500	Nb	8	-	8	2
Cranwell	1006.7	-6	S'W	5	c	45	85	8	1500	StCu	7	ASt	9	1
Gorleston	1007.0	-2	SW	4	c+	45	85	6	-	-	0	CiCu	8	•
Valentia (Cahirciveen)	1009.5	+2	SW'W	4	bc	45	85	8	1500	StCu	5	-	5	2
Roches Point	1009.5	+3	WNW	4	b	47	75	8	1500	Cu	1	-	1	•
Pembroke (St. Ann's H.)	1007.2	-1	WSW	7	bc/r	48	92	8	2500	Cu	4	ACu	5	•
Ross-on-Wye	1007.5	-4	SW	4	o/d	48	85	7	2500	Nb	10	-	10	1
Leafield	1009.9	-3	S'W	4	c	46	85	8	4000	Cu	7	ACu	8	2
Winchester (Worthy Dn.)	1011.4	-4	SSW	4	bc	50	75	8	2500	StCu	7	-	7	1
S. Farnborough	1011.1	-4	SW	4	c	50	75	8	2500	StCu	9	-	9	2
London (Kew Obsy.)	1011.0	-4	SW'S	4	c	48	85	6	5700	StCu	8	-	8	2
Croydon	1011.6	-3	SW'S	3	c	48	85	6	800	St	8	ACu	9	1
Shoeburyness	1011.2	-4	WSW	3	b-	49	92	7	-	-	0	ACu	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.6	-2	S'W	3	c	43	92	6	2500	StCu	9	-	9	1
Lympne	1012.9	-2	SSW	4	c	46	92	7	450	St	9	-	9	2
Scilly (St. Mary's)	1012.8	-1	SW'W	5	bc	52	92	7	4000	Cu	2	ACu	4	•
Falmouth (Pendennis)	1012.1	-1	WSW	5	c+	52	85	8	4000	CuNb	8	-	8	•
Plymouth (Cattewater)	1012.1	-1	SW	5	c	50	85	7	1500	StCu	9	ASt	9	2
Portland Bill	1011.8	-3	SW'S	4	c	49	85	8	1500	St	8	-	8	•
Southampton (Calshot)	1012.5	-3	SW'W	4	bc+	48	92	7	1500	St	4	ACu	6	1
Dungeness	1012.6	-3	WSW	3	bc+	47	97	8	1500	StCu	7	-	7	•
Guernsey (Fort George)	~~1013.7~~ 1014.7	-1	SW'W	2	odd	49	97	1	220	St	10	-	10	•

Observations at 18h. 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	986.3	+2	WSW	3	bc	42	75	8	4000	Cu	4	-	4	•
Stornoway	990.4	0	SW	4	bc-	38	85	6	2500	CuNb	4	-	(4)	3
Wick	991.9	+2	SW	3	bc	35	97	8	2500	StCu	2	CiSt	4	0
Tiree	996.0	+1	W	6	b/PH	41	75	8	1500	CuNb	2	-	2	6
Nairn	993.7	•	W	2	bc/rs	35	95	8	4000	CuNb	6	-	6	•
Aberdeen	996.5	+5	SSW	3	b-	38	65	7	-	-	0	-	0	0
Malin Head	999.9	+2	WSW	6	bc/p	40	85	7	4000	CuNb	2	ACu	3	6
Renfrew	1000.5	+4	WSW	5	bc	38	85	7	2500	CuNb	4	-	4	•
Edinburgh (Inchkeith)	998.6	+4	WSW	5	bc/p	39	85	8	1500	CuNb	2	ACu	3	3
Leuchars	998.8	+5	SW	3	b	37	85	8	2500	StCu	1	-	1	•
Eskdalemuir	1002.3	+6	WSW	5	b	36	75	7	2500	Cu	2	-	2	•
Tynemouth	1002.6	+4	SW	3	bc-	41	85	6	800	St	4	-	4	2
Blacksod Point	1002.3	0	W	6	bc	45	75	7	•	CuNb	7	-	7	7
Donaghadee	1005.0	+3	W	2	b-	38	85	8	-	-	0	-	0	1
Birr Castle	1006.6	•	SW	4	b	40	92	7	2500	Cu	1	ACu	2	•
Holyhead	1008.0	+3	W'S	4	bc+	44	85	6	1500	StCu	5	-	5	4
Liverpool (Bidston)	1007.5	+5	W'S	5	b-	41	75	8	1500	St	1	-	1	•
Chester (Sealand)	1007.8	+5	W'S	2	b	41	75	8	-	-	0	-	0	•
Harrogate	1005.1	+3	WSW	5	b	39	75	6	-	-	0	-	0	•
Spurn Head	1005.1	+4	W	5	b-	42	85	6	4000	Nb	2	-	2	4
Birmingham (Edgbaston)	1010.3	+4	SW	3	b-	42	75	8	2500	Cu	2	-	2	•
Cranwell	1007.3	+3	WSW	3	b-	42	85	6	1500	St	2	-	2	•
Gorleston	1006.9	-2	SW	4	or°	47	85	6	2500	Nb	10	-	10	0
Valentia (Cahirciveen)	1010.6	+1	SW	4	bc/pr°	45	85	8	2500	St	4	ACu	6	4
Roches Point	1012.0	+3	W	2	b°	45	92	9	1500	StCu	1	-	1	4
Pembroke (St. Ann's H.)	1011.0	+4	SW'W	5	bc	47	85	8	2500	Cu	3	ACu	5	4
Ross-on-Wye	1010.9	+4	W'S	2	b-	43	65	9	-	-	0	-	0	•
Leafield	1011.2	+3	SW'W	3	bc-	42	97	8	2500	Nb	3	-	3	•
Winchester (Worthy Dn.)	1012.4	+3	W'S	3	b/r	45	92	7	1500	StCu	1	-	1	•
S. Farnborough	1011.5	+2	W'S	3	b/r°	47	85	7	2500	StCu	2	-	2	•
London (Kew Obsy.)	1011.3	+3	WSW	3	bc-°	47	85	7	1500	St	2	ASt	5	•
Croydon	1011.4	+2	W	4	crr°°	47	95	5	800	Nb	10	-	10	•
Shoeburyness	1010.7	0	WSW	3	bc+	47	97	7	2500	St	5	-	5	•
Clacton-on-Sea	1009.7	0	SW	4	bc	42	92	7	4000	Cu	3	ACu	4	3
Felixstowe	1010.4	+1	S'W	3	cr°	44	92	6	1500	Nb	10	-	10	1
Lympne	1012.0	0	SSW	4	bc°	45	97	6	450	St	7	-	7	•
Scilly (St. Mary's)	1014.9	+4	W'N	4	b-	48	85	8	4000	Cu	2	-	2	5
Falmouth (Pendennis)	1015.1	+4	WNW	3	bc-	47	85	8	4000	CuNb	4	-	4	2
Plymouth (Cattewater)	1014.3	+3	W	4	b-	47	85	7	2500	Cu	1	-	1	1
Portland Bill	1012.6	+2	W	2	b-	47	92	9	2500	StCu	1	-	1	2
Southampton (Calshot)	1012.6	+2	WSW	4	c/r°	47	92	7	800	St	9	-	9	0
Dungeness	1011.8	-2	WSW	3	bc°	46	97	7	1500	Cu	7	-	7	3
Guernsey (Fort George)	1015.3	+1	W	4	bc-	49	97	6	1500	St	5	-	5	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. Night. °F.	Min. on Grass. °F.	Rainfall mm. Day.	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	bclm°	cm°crbc	bx!us	50	38	31	0.4	0.1	1.6	•	•	6
Croydon	244	bfbcm	cm°rRr	c(o)°bm	50	37	32	1	0.1	2.7	•	•	6
Greenwich (Royal Obsy.)	149	cbc	bcprbc	bcbwc°	51	37	.28	0.3	Tr	2.3	75	89	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	1.3	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	51	40	~~26~~ (30)	0.3		1.9	77	92	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•		•	•	1.3	•	•	•
Camden Square	110	oc	cbccp	•	49	40	34	0.3	-	•	•	90	•
Kensington Palace	80	cxo	bbc	•	51	39	*	--	0.1	•	(At 18h. 88)	84	•
Hampstead Observatory	450	•		•	48	35	27	1	0.3	0.7	•	92	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.3	19h 9th	<0.3	3h 10th

Kew Observatory

Max.	Time.	Min.	Time.
<0.3	Throughout		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9th 17 h. 15 m. to 10th 7 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 45	13 3	95
δ Ursae Minoris	13 45	13 0	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.

10th January 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.4 / 8.3	12.0 / 12.1	15.57 / 15.58
Greenwich	8.5 / 8.5	12.7 / 12.8	16.9 / 16.11
Wick	8.59 / 8.58	12.20 / 12.20	15.40 / 15.42
Valentia	8.49 / 8.48	12.48 / 12.49	16.48 / 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—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_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.

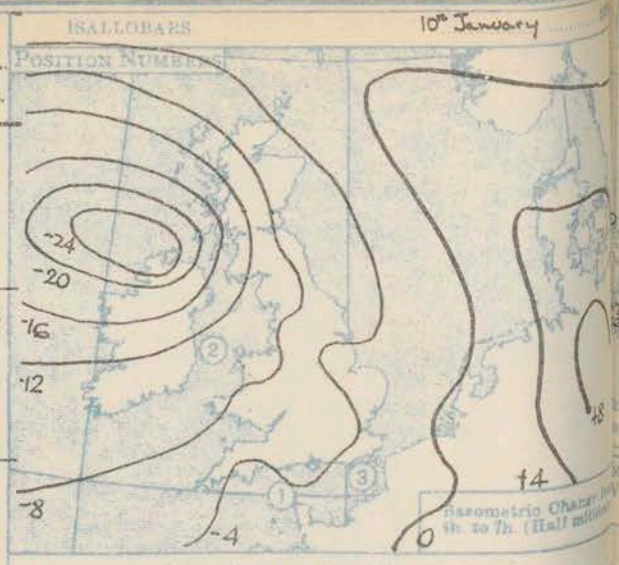
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9th	13h.-18h. 9th	18h. 9th to 1h. 10th	1h.-7h. 10th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 9th Hours.
Lerwick	corr	our cbc	oirc bcq	bccoirq	44	34		3	11.00	4	<21.00	0.0
Stornoway	p	p	p	ophrs	44	34	.	9	-	5	-	2.0
Wick	pr bc	b bc	b bc	pr c	42	34	.	0.6	11.00	0.3	2.30	.
Tiree	phbcq	phbcq	thrq	phrq	45	37	34	3	<8.00	6	<21.00	2.2
Nairn	bcpr	bcprs	bcq pr	c	42	34	.	0.5	<8.00	2	22.00	0.9
Aberdeen	bccmb	bcip b	b	b bc	44	36	30	-	-	-	-	2.8
Malin Head	crbcph	bcphcir	cPR	bcciir	43	40	.	2	<8.00	8	<21.00	2.6
Renfrew	corrpbq	bcpq	bccpq	cqroR	44	38	35	4	9.00	3	<21.00	2.5
Edinburgh (Inchkeith)	p	p	p	c	45	38	34	Trace	<8.00	0.3	<21.00	2.1
Leuchars	cr bcpr	b bc	b cpr	cr c	45	36	33	0.1	9.00	1	22.00	2.6
Eskdalemuir	oprcour	cprhprb	bbcc	copcrem	42	34	33	9	<8.00	4	1.30	0.1
Tynemouth	cq	oc	bc	bcoq	47	39	32	-	-	-	-	.
Blacksod Point ...	phqbc	phqc	Po	Po	50	45	..	2	-	3	-	.
Donaghadee	bcpr	pr bc	bbcc	orro	45	36	.	1	9.00	1	3.30	.
Birr Castle	cprb	b	bcir	oirq	46	39	33	2	<8.00	2	24.00	3.3
Holyhead	rrpr	bcph	bcb	bcm.	48	43	41	4	9.00	Trace	6.30	2.2
Liverpool (Bidston) ...	cvpor	cqcbq	b	bbcc	47	40	34	3	9.00	Trace	6.30	1.4
Chester (Sealand) ...	cr pr	cprqbcb	b	cm.	50	38	30	1	9.00	-	-	1.5
Harrogate	cirq	crcb	bq	bccq	45	38	33.	1	12.30	-	-	0.8
Spurn Head	cq	qprbc	b bc	bcxc	45	37	.	1	14.30	-	-	0.2
Birmingham (Edgbaston)	purc	crRb	b	bbcc	45	36	33	5	<8.00	-	-	0.0
Cranwell	bcc	bcb	b bc	b bc	47	33	31	0.2	14.30	-	-	0.3
Gorleston	bbc	cor	orbcb	bx	47	31	29	0.1	16.30	Trace	<21.00	3.0
Valentia (Cahirciveen)	cphbc	bc	bccp	ord	48	43	41	3	9.00	3	<21.00	3.9
Roches Point	bcpb	bv	bbcpc	coir	50	43	.	0.1	9.00	3	<21.00	.
Pembroke (St. Ann's H.)	cir	bc	bbc	c	49	46	.	0.3	9.00	-	-	3.4
Ross-on-Wye	cbccid	rcbcrb	b	bcc	49	38	27	1	11.00	-	-	0.4
Leafield	c	crc	bw	bwxw	(47)	30	30	1	14.30	0.2	-	1.6
Winchester (Worthy Dn.)	omcbc	corrq	bbc	bcrbcx	51	33	30	1	16.30	0.1	24.00	2.6
S Farnborough ...	bcc	crc	bbcw	bcwb	50	34	28	0.1	16.30	Trace	-	2.9
London (Kew Obsy.) ...	bwcm	cmcroc	b	bx bw	50	38	31	0.4	16.30	0.1	-	1.6
Croydon	bfbcm	cmrRr	crrbm	bmw	50	37	32	1	16.30	0.1	<21.00	2.7
Shoeburyness	bc	bc	bcr	bm	50	34	31	-	-	Trace	22.00	5.7
Clacton-on-Sea ...	bbcc	cbc	bcme	bcmebc	45	38	32	-	-	-	-	4.9
Felixstowe	bccm	cmr	cprbc	bcb	45	38	34	Trace	17.30	1	<21.00	4.5
Lympne	bbcc	cm	cmrbcb	bbccfeb	48	35	31	-	-	3	<21.00	1.8
Scilly (St. Mary's) ...	bc	bcb	b	bbcc	52	47	.	-	-	-	-	5.9
Falmouth (Pendennis)	bccprq	bcprq	bcb	ebbcq	53	43	.	Trace	<8.00	-	-	2.9
Plymouth (Cattewater)	bcrq	cqprb	bbc	bcbq	52	45	38	Trace	11.00	-	-	0.6
Portland Bill	bccbcc	cf	b	bbc	49	45	.	Trace	16.30	-	-	.
Southampton (Calshot)	bcc	bcr	bw	bw	48	39	31	04	17.30	0.1	<21.00	3.0
Dungeness	bccbc	bc	bcb	bbc	47	41		-	-	-	-	.
Guernsey	coffd	ffddbc	bcb bc	bcoffd	49	44	.	02	<8.00	0.1	<21.00	0.3



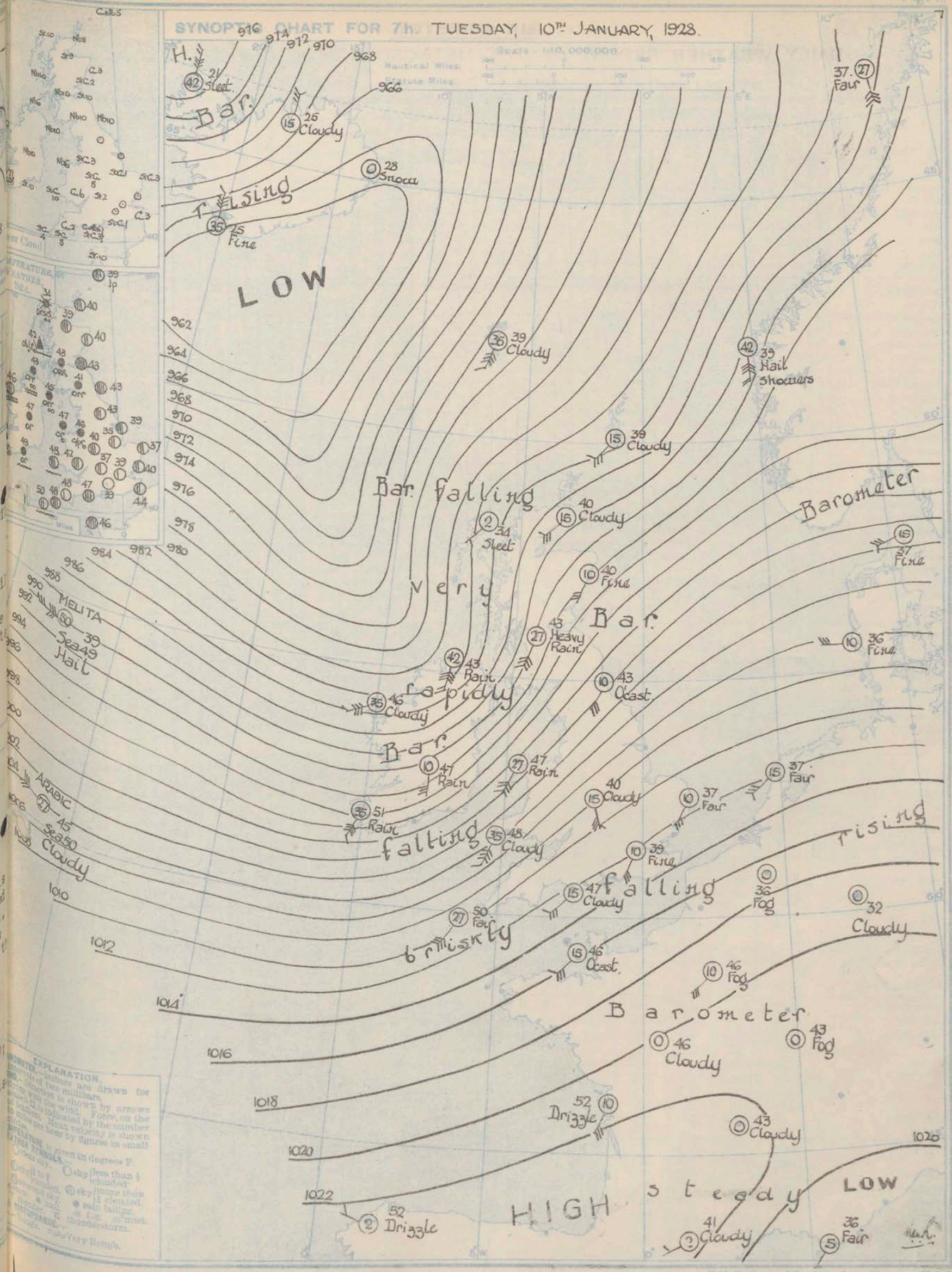
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	9th 10h	Hibernia	WSW	5	d	48	48
3	10th 2h	Brighton	W	4	bc	46	47

GENERAL INFERENCE.

An intense secondary depression off the Hebrides will move rapidly north-eastwards, while the primary off Southern Iceland is tending to move a little southeast. Weather will continue stormy and unsettled, and gales will be rather severe today in most northern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 10th January, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands	Wind S.W., veering W., fresh or strong, perhaps touching gale force locally, moderating by tomorrow; occasional rain later today, fine tomorrow apart from scattered showers; mild.	Stormy and unsettled but considerable bright intervals in the south and east of England. Snow showers on high ground in the North. ↓ South cone hoisted 8h. 25m. G.M.T. 10.1.28 in districts 1, 5, 6, 19 and 20; still flying all other coasts.
5. S.W. England ↓ 6. South Wales ↓	Wind S.W., veering W., strong to a gale, moderating later; some rain at first, bright periods later but occasional showers : mild.	
7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands 10. N.E. England ↓	Wind S.W., veering W., gale, moderating by tomorrow to fresh or strong wind; rain at first; bright intervals later, but showers of rain, hail or sleet; perhaps local thunder; rather mild, then somewhat colder.	
11. S.E. Scotland ↓ 12. S.W. Scotland, Isle of Man ↓ 13. (A. W Scotland ↓ (B. N.W. Scotland ↓	Wind veering W., gale, moderating later to fresh or strong wind; showers of rain, hail or sleet, with snow on hills; perhaps local thunder; bright intervals; moderate or rather low temperature.	
14. Mid-Scotland	As 11 - 13A.	
15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓ 17. N.W. Ireland ↓	Wind changing to N.W., gale, backing W., moderating somewhat; rain, then showers of rain, hail or sleet, with snow on hills; perhaps local thunder; bright intervals; moderate or rather low temperature.	
18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Wind W., a gale at first, moderating to strong breeze; showers of rain and hail; perhaps local thunder; bright intervals; moderate temperature.	



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday 10th January 1928. No. 10

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	84	983.9	-1	WSW	4	bc	40	85	7	4000	Cu	3	–	3
Stornoway	30	990.4	-2	W	5	bc/pH	*	*	7	*	*	*	*	7
Wick	81	~~980.6~~ 990.6	-2	SW	4	bc	37	92	8	2500	StCu	3	Ci	5
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	81	998.0	-1	S'W	5	bcjp	41	92	7	4000	CuNb	3	A-Cu	4
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	997.4	-2	WSW	7	bc	42	75	8	–	–	0	A-Cu	5
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1003.6	0	WSW	2	bc	41	75	7	800	St	2	Ci	3
Blacksod Point	18	997.6	-3	W	4	c	46	75	6	*	–	0	ASt	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1007.6	-1	SW	5	b	46	92	7	2500	Cu	1	–	1
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1009.0	+1	SW	4	bc [?]	37	92	6	4000	Nb	5	–	5
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1010.7	+3	SW	5	bc≡	38	85	7	2500	StCu	2	CiSt	6
Gorleston	14	1012.1	+4	SW	2	b	38	85	7	–	–	0	–	0
Valentia (Cahirciveen) ᴾ	30	1007.6	-8	WSW	4	ofo+	48	97	7	*	St	10	–	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1010.9	-1	WSW	5	c+	48	97	8	1500	StCu	10	–	10
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	40	*	*	*	*	*	*	*
Croydon	244	1014.9	+1	SW	2	b	40	92	6	–	–	0	–	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1015.1	+4	WSW	3	b	38	97	7	–	–	0	–	0
Scilly (St. Mary's)	163	1015.1	-1	SW	4	b	48	92	8	–	–	0	–	0
Falmouth (Pendennis)	200	1015.3	0	W'S	3	b-	44	92	8	4000	Cu	2	–	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1015.1	0	WSW	4	b	47	85	8	–	–	0	–	0
Southampton (Calshot)	10	1015.6	+1	WSW	3	b	40	92	8	–	–	0	–	0
Dungeness	20	1015.3	+3	WSW	2	b-	41	92	8	–	–	0	–	0
Guernsey (Fort George) ᴾ	295	1018.0	+1	–	0	b-	44	97	7	–	–	0	–	0

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
Lerwick	983.6	-1	SW	4	cjp	39	97	7	4000	CuNb	5	A.St	8
Stornoway	982.3	-8	SW	1	ofsofso	34	97	6	1500	St	10	–	10
Wick	987.6	-3	SW	4	c	40	92	8	1500	Nb	8	~~A-Cu~~ Ci St	10
Tiree	981.3	-17	S'E	6	oho(c)	42	97	7	800	Nb	10		10
Nairn	985.9	*	W	2	c+	39	85	8	1500	St	9	–	9
Aberdeen	991.6	-5	SSW	3	bc≡	40	85	7	1500	Cu	3	Ci St	6
Malin Head	980.7	-26	S	8	cfofo	43	97	6	4000	Nb	6	A.St	10
Renfrew	990.9	-12	SSW	6	oRR	43	92	7	450	Nb	10	–	10
Edinburgh (Inchkeith)	993.9	-6	WSW	4	o+	43	85	8	800	St	10	–	10
Leuchars	993.0	-5	SSW	5	c	41	85	8	2500	StCu	2	A.St	10
Eskdalemuir	994.4	-11	S'W	7	orr	41	97	6	1500	Nb	10	–	10
Tynemouth	999.4	-5	SSW	3	o	43	85	7	1500	Nb	10	–	10
Blacksod Point	982.4	-18	WSW	7	c	46	92	7	*	–	0	ASt	10
Donaghadee	992.1	-15	SW	4	ofofo	45	85	7	2500	Nb	10	–	10
Birr Castle	990.3	*	S	5 [?]	or	47	92	6	1500	Nb	10	–	10
Holyhead	999.9	-8	SSW	6	cfo	47	92	6	1500	Nb	6	ASt	10
Liverpool (Bidston)	1001.7	-7	S'W	4	c/pfo	46	75	7	2500	StCu	3	A St	10
Chester (Sealand)	1002.7	-9	S	3	c	46	75	6	2500	StCu	9	ASt	10
Harrogate	1001.9	-5	SSW	6	c	43	85	7	–	–	0	Ci St	10
Spurn Head	1004.9	-6	SW	6	c+	39	92	7	*	–	0	A Cu	8
Birmingham (Edgbaston)	1007.6	-5	S	4	c+	40	92	8	2500	StCu	8	–	8
Cranwell	1008.7	-3	S'E	4	bc	35	92	7	1500	StCu	1	A St	4
Gorleston	1011.4	-1	SW'S	3	bc+	37	92	6	5700	StCu	3	–	3
Valentia (Cahirciveen)	993.9	-10	SSW	7	cfofo	51	92	7	1500	St	10	–	10
Roches Point	998.4	-10	SW	7	or	49	97	7	800	St	10	–	10
Pembroke (St. Ann's H.)	1003.9	-8	SW'S	7	c	48	97	7	1500	StCu	10	–	10
Ross-on-Wye	1008.0	-5	SW	4	c	42	85	7	2500	Cu	6	Ci Cu	8
Leafield	1010.2	-6	S'W	4	bc+	37	97	8	800	St	2	ASt	7
Winchester (Worthy Dn.)	1012.5	-3	S	3	bc	36	97	6	2500	StCu	4	–	4
S. Farnborough	1012.0	-5	S	4	b	39	97	6	–	–	0	–	0
London (Kew Obsy.)	1011.6	-6	SSW	3	b	39	97	7	–	–	0	A Cu	1
Croydon	1012.6	-5	SSW	4	b-	37	97	6	450	St	1	–	1
Shoeburyness	1013.5	-2	SSW	3	b	37	97	5	–	–	0	–	0
Clacton-on-Sea	1012.4	-3	SW	4	bc	~~40~~ 39	97	7	–	–	0	Ci St	4
Felixstowe	1012.7	-2	S	3	b	39	92	7	–	–	0	A Cu	1
Lympne	1013.8	-3	SSW	4	b/f	40	97	7	4000	StCu	1	–	1
Scilly (St. Mary's)	1009.6	-6	SW'S	6	bc-	50	97	7	4000	StCu	4	–	4
Falmouth (Pendennis)	1010.9	-5	SSW	6	c+	48	85	8	4000	StCu	8	–	8
Plymouth (Cattewater)	1011.3	-2	SW	5	b+	48	92	8	2500	Cu	2	–	2
Portland Bill	1012.0	-4	SW	4	c+	47	85	8	2500	CuNb	5	–	9
Southampton (Calshot)	1013.1	-4	SSW	4	b+	43	92	7	2500	StCu	1	–	1
Dungeness	1014.3	-2	SW	2	bc+	44	97	7	1500	Cu	3	Ci St	5
Guernsey (Fort George)	1015.7	-3	SSW	4	o/f	46	97	6	800	St	10	–	10

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 8th 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	cbc	bcr₀b	37	46	Trace	Trace	1.2
Douglas (I. o. M.)	cprbc	phc	40	46	1	3	2.6
Llandudno	cror	pcb	44	50	Trace	6	0.5
Colwyn Bay	coc	crcb	43	50	-	3	1.2
Rhyl	rc	bc	38	?	-	3	1.4
Wallasey	coror	rcbcb	41	48	-	5	1.3
Southport	or	ocbcb	*41	46	-	5	1.2
Blackpool	orc	bc	42	45	0.3	3	1.4
Ilkley	crc	pc	37	45	-	3	0.0
Cleethorpes	co	oro	36	46	-	1	0.2
Skegness	bc	bcpr	36	46	-	0.2	0.2
Aberystwyth	bcr	rbc	43	47	Trace	3	1.3
Bath	bbcc	pbbcb	39	51	-	1	2.5
Cheltenham‡	cdbc	dcbc	40	49	Trace	0.3	1.7
Leamington Spa	cd	cd	36	48	0.1	0.1	0.6
Lowestoft	bbc	cr	37	47	-	Trace	3.6
Felixstowe	bc	bc	36	46	Trace	-	4.3
Harwich & Dovercourt	bcm	bcm	35	47	-	-	4.3
Southend	bcb	b	38	48	-	-	5.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	orc	cbc	44	50	0.2	2	0.2
Bude	cbcp₀	p₀bc	43	51	0.5	1	2.6
Penzance	cb	b	44	53	-	-	4.4
Paignton	bcw	bcb	41	52	Trace	-	2.6
Torquay	bcw	bcp₀b	44	52	-	Trace	2.9
Jersey	dbc	do	45	50	2	1	0.2
Weymouth	bbc	dcb	44	52	-	1	5.0
Bournemouth	cb	br	41	51	-	1	5.0
Ventnor	cf	bc	41	50	Trace	-	3.3
Portsmouth (S'thsea)	bc	bc	41	50	-	-	4.9
Bognor	pcbc	bc	42	49	1	-	3.4
Littlehampton	bcmbc	bc	39	48	0.6	-	3.1
Worthing	bcc	bcc	37	48	0.5	-	2.1
Brighton	b	bbc	39	49	-	-	3.1
Eastbourne§	bcc	bccb	43	49	0.1	-	1.4
Hastings‖	bccbc	bcc	41	49	0.2	-	1.4
Folkestone	bcmcm	cbccm	39	48	Trace	-	2.6
Dover	wbbcc	bccbc	42	47	Trace	-	3.1
Tunbridge Wells	ocbc	bcco	37	50	-	-	3.3
Ramsgate	bcb	b	40	49	-	-	6.1
Margate	bc	bc	40	50	-	-	6.0
Deal	b	b	39	48	-	-	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. § 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24.156 Wednesday, 11th January 1928.

Observations at 15h. 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	974·1	-18	SSE	3	orr	38	85	7	4000	Nb	10	-	10	•
Stornoway	976·9	+1	SSW	1	o/s(h)	35	92	5	800	Sc	10	-	10	•
Wick	969·9	-16	SSW	4	crr	42	97	8	1500	Nb	8	asc	10	•
Tiree	983·3	+3	W'N	6	bc/p	41	75	8	1500	CuNb	4	-	4	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	975·4	-14	WSW	6	b/s	43	65	8	2500	Cu	<1	asc	1	2
Malin Head	988·6	+8	W	7	bc/p	41	85	7	4000	CuNb	6	acu	7	•
Renfrew	986·4	+15	W	5	bc/p	41	85	8	2500	Cu	6	-	6	2
Edinburgh (Inchkeith)	982·7	0	WSW	9	cr	41	75	8	1500	Nb	9	-	9	•
Leuchars	981·7	-1	WSW	7	b-	44	65	8	2500	Cu	2	-	2	2
Eskdalemuir	988·3	+4	WSW	7	c/PRS	39	85	7	1500	Nb	9	-	9	2
Tynemouth	988·0	-7	W	5	bc/p	48	85	7	1500	Nb	4	-	4	•
Blacksod Point	993·9	+3	WSW	7	c	45	65	6	*	CuNb	8	-	8	•
Donaghadee	992·4	+11	WNW	6	bc/pr	41	75	8	4000	Cu	4	-	4	•
Birr Castle	997·7	•	W	4	c/PH	45	65	7	1500	Nb	8	-	8	•
Holyhead	997·4	+6	W'N	6	bc	49	75	6	2500	Cu	7	CSc	7	2
Liverpool (Bidston)	995·4	-1	W'S	7	b-	49	75	8	1500	Cu	1	-	1	•
Chester (Sealand)	995·8	-2	W	5	b/PR	51	65	7	2500	Cu	1	-	1	2
Harrogate	993·3	-9	SW	7	cr	44	97	6	2500	Nb	9	-	9	•
Spurn Head	994·8	-16	SW	7	c	40	85	7	4000	Nb	5	asc	10	•
Birmingham (Edgbaston)	998·6	-7	SSW	5	cr	46	92	6	2500	Nb	9	-	9	2
Cranwell	998·1	-13	SSW	7	cr	47	97	6	1500	Nb	8	asc	10	2
Gorleston	~~1008·2~~ (1004·6)	-4	SSW	6	c+	47	75	6	4000	Nb	2	acu	8	•
Valentia (Cahirciveen)	1003·0	+4	W'S	6	bc	47	65	8	2500	ScCu	6	acu	7	2
Roches Point	1002·7	+6	WNW	3	c	48	85	8	1500	ScCu	8	-	8	•
Pembroke (St. Ann's H.)	1000·8	+1	SW'W	7	bc-	49	92	7	2500	Cu	2	CiCu	5	•
Ross-on-Wye	1000·5	-7	SW	6	orr	49	92	6	2500	Nb	10	-	10	2
Leafield	1002·3	-7	SSW	6	orr	47	92	7	800	Nb	10	-	10	2
Winchester (Worthy Dn.)	1006·5	-7	SW	6	c/d	48	92	8	450	Sc	10	-	10	1
S. Farnborough	1005·8	-8	SW	6	cd	49	85	8	450	Nb	10	-	10	1
London (Kew Obsy.)	1005·8	-8	SW'S	5	c	48	85	7	800	Sc	10	-	10	2
Croydon	1006·6	-8	SW'S	5	odd	47	92	6	800	Nb	10	-	10	2
Shoeburyness	1006·4	-8	SSW	5	bc/r	48	92	8	2500	Cu	5	Cu	6	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	1006·4	-10	S	5	c	46	85	7	2500	ScCu	3	Cu	9	1
Lympne	1008·8	-7	S	7	c	47	92	6	450	ScCu	9	-	9	2
Scilly (St. Mary's)	1007·3	-2	SW'W	7	cr	51	97	6	4000	CuNb	10	-	10	•
Falmouth (Pendennis)	1005·0	-3	SW	8	cr	51	92	6	2500	Nb	8	asc	10	•
Plymouth (Cattewater)	1005·8	-6	SW	7	cr	50	97	6	450	Nb	9	asc	10	2
Portland Bill	1005·5	-7	SSW	7	cd	50	85	6	1500	Sc	9	asc	10	•
Southampton (Calshot)	1006·9	-7	SW'S	8	c	49	85	7	800	Sc	4	CSc	8	1
Dungeness	1007·9	-5	SW	5	c/r	47	92	7	2500	ScCu	8	-	8	•
Guernsey (Fort George)	1011·7	-4	SW	5	c	50	85	8	1500	ScCu	8	-	8	•

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	968·0	+18	N'E	4	c/p	38	92	7	4000	Nb	10	-	10	•
Stornoway	980·5	+4	NW	2	c/s(h)	35	97	5	4000	CuNb	9	-	9	1
Wick	979·1	+6	WNW	4	c/r	35	92	8	1500	Nb	8	CiSc	10	3
Tiree	986·5	+2	W	6	c/p	43	75	8	1500	CuNb	8	-	8	6
Nairn	982·5	•	WNW	3	bc/rs	35	85	7	4000	CuNb	6	-	6	•
Aberdeen	984·8	+7	SW'W	3	b	38	75	8	-	-	0	Ci	1	1
Malin Head	991·8	+3	W	7	bc/p	42	75	7	4000	CuNb	6	acu	7	8
Renfrew	991·6	+6	WSW	4	cr/s	37	85	7	800	CuNb	9	-	9	•
Edinburgh (Inchkeith)	988·9	+6	WSW	6	bc+	38	75	8	1500	Sc	3	-	3	3
Leuchars	988·8	+7	SW	5	bcr	37	85	8	1500	Nb	4	-	4	•
Eskdalemuir	993·9	+6	SW	6	bc	35	85	7	2500	ScCu	4	-	4	•
Tynemouth	993·6	+6	W	4	bc/r	41	75	7	1500	CuNb	4	-	4	3 2
Blacksod Point	996·6	+1	WSW	7	bc	45	55	7	•	CuNb	7	-	7	7
Donaghadee	996·8	+5	NW	4	b-	37	85	8	4000	CuNb	1	-	1	4
Birr Castle	1002·1	•	W	4	bc/pr	38	95	7	1500	Cu	5	-	5	•
Holyhead	1002·0	+5	WSW	6	bc-	44	75	6	2500	Cu	6	-	6	5
Liverpool (Bidston)	1000·8	+5	W'S	6	bc-	42	65	8	1500	Sc	7	-	7	•
Chester (Sealand)	1001·1	+6	W'S	4	b	43	55	7	2500	ScCu	1	-	1	•
Harrogate	999·0	+5	WSW	6	b	40	75	7	2500	Nb	1	-	1	•
Spurn Head	999·4	+6	W'S	4	bc	42	75	6	4000	CuNb	4	-	4	3
Birmingham (Edgbaston)	1004·6	+5	WSW	3	b	43	65	8	2500	Cu	1	-	1	•
Cranwell	1001·9	+4	WSW	4	b-	42	75	6	2500	ScCu	2	-	2	•
Gorleston	1001·8	0	SW	3	bc-	48	92	7	2500	Nb	2	asc	5	1
Valentia (Cahirciveen)	1007·1	+5	SW'W	5	bc	44	75	8	2500	ScCu	5	-	5	4
Roches Point	1006·8	+5	WNW	2	b	42	92	8	1500	Cu	1	-	1	4
Pembroke (St. Ann's H.)	1005·8	+5	SW'W	6	c/r	47	85	8	1500	CuNb	8	-	8	6
Ross-on-Wye	1005·4	+5	W'S	3	b	44	75	8	2500	Nb	1	-	1	•
Leafield	1005·8	+6	SW'W	3	b	41	92	8	-	-	0	-	0	•
Winchester (Worthy Dn.)	1008·1	+6	SW'W	3	bc-	43	85	8	4000	ScCu	2	acu	4	•
S. Farnborough	1007·0	+5	W'S	3	b/R	50	85	7	5700	ScCu	2	-	2	•
London (Kew Obsy.)	1006·6	+5	WSW	3	b/r	46	85	7	-	-	0	acu	1	•
Croydon	1006·9	+3	WSW	4	bc/r	46	85	6	800	Sc	5	-	5	•
Shoeburyness	1005·6	0	SW	6	orr	48	97	6	1500	Sc	10	-	10	•
Clacton-on-Sea	1004·6	+1	SSW	5	o/r	45	92	6	2500	Sc	10	-	10	3
Felixstowe	1005·2	+1	SW'W	5	c/r	48	85	7	1500	Sc	10	-	10	4
Lympne	1007·1	0	SSW	6	orr	47	97	2	1500	Sc	10	-	10	•
Scilly (St. Mary's)	1010·9	+5	W	5	bc	48	85	8	4000	ScCu	2	CSc	4	8
Falmouth (Pendennis)	1010·8	+5	W	4	bc-	47	75	7	4000	CuNb	5	asc	6	1
Plymouth (Cattewater)	1010·2	+5	W	4	b-	47	85	7	2500	ScCu	1	-	1	2
Portland Bill	1008·8	+6	W'S	4	bc-	48	85	8	2500	ScCu	3	-	3	5
Southampton (Calshot)	1008·7	+5	W	4	c-	47	85	7	1500	Sc	8	-	8	0
Dungeness	1005·7	-5	SW	6	orr	48	97	6	800	Nb	10	-	10	5
Guernsey (Fort George)	1011·7	0	SW	6	o/r	50	97	6	800	Nb	10	-	10	6

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning.	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.	Humidity. 15h. G.M.T. %	Humidity. 9h. G.M.T. %	Visibility §9
		24 HOURS ENDED 9h.								YESTERDAY.	YESTERDAY.	TO-DAY.	TO-DAY.
Kew } 24 hours ended 7h.	18	bccq	crqb	bbcc6	50	39	34	2	1	0·1	*	*	5
Croydon }	244	bmcd	odrmbc	bmbcor	50	39	36	2	Tr	0·0	*	*	6
Greenwich (Royal Obsy.)	149	c	cd	cbcor	51	39	30	2	2	0·6	86	90	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·3	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	50	40	~~28~~ (32)	*	6	0·3	79	87	*
Regent's Pk. (Botanic Gdns.)	188	*	*	*	*	*		*	*		*	*	*
Camden Square	110	c	ccrbc	*	49	39	32	3	2	*	*	93	*
Kensington Palace	80	o	orbc	*	51	39	*	4	2	*	(At 18h) 77	91	*
Hampstead Observatory	450	*	*	*	49	35	26	2	2	0·1	*	97	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1·0	18h 10th	<0·3	2h 11th

Kew Observatory Max.	Time.	Min.	Time.
<0·3 Throughout			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th 17h. 15m. to 11th 7h. 00m.

Stars.	Exposure.	Record.	
	h. m.	h. m.	%
Polaris	13·4-5	12·0	87
δ Ursae Minoris	13·45	11·42	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 15h. and 18h. reports (Hoar frost in 15h. 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 January, 1928.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	8·3	12·1	15·58
	8·3	12·1	16·0
Greenwich	8·5	12·8	16·11
	8·4	12·8	16·12
Wick	8·58	12·20	15·42
	8·57	12·20	15·44
Valentia	8·48	12·49	16·50
	8·47	12·49	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.
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 50 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 55 yards.
0. Dense fog.	
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.	

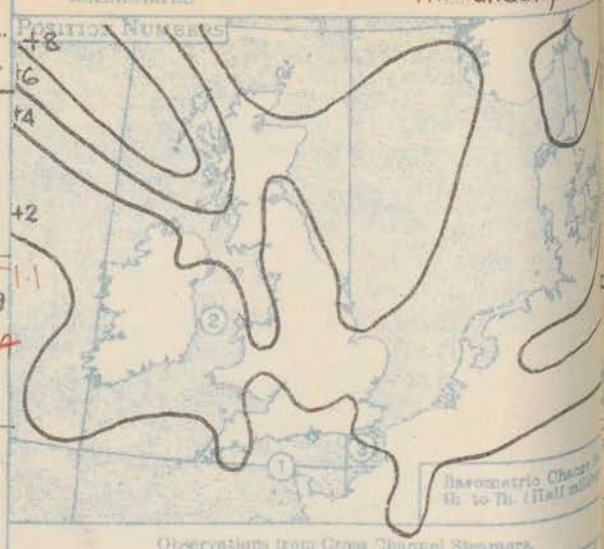
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 10th	Weather. 18h.-18h. 10th	Weather. 18h. 10th to 11th	Weather. 1h.-7h. 11th	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 10th Hours.
Lerwick	corr	coirrc	coihr	coihrq	42	37	.	16	48.00	5	<21.00	0.0
Stornoway	s-rs	h-rh	p	ophrlbc	37	34	.	27	-	0.5	-	0.0
Wick	crr	cirs	pts	b-bc	43	33	.	7	48.00	0.6	<21.00	.
Tiree	prbcq	phcoq	phbcq	phcoq	44	36	33	9	48.00	4	<21.00	0.9
Nairn	cbcpr	bcprsq	cqprs	csp	42	33	.	2	48.00	3	<21.00	0.2
Aberdeen	corrbq	bq	bcpr	b-bc	46	36	32	6	9.00	0.2	<21.00	2.5
Malin Head	orbcprq	bcPHR	bcphrPHR	bcPH	44	35	.	9	48.00	3	<21.00	~~3.7~~ 1.1
Renfrew	RRcpbcq	cprs phr	cprspr	cpr	47	36	34	6	48.00	4	<21.00	0.9
Edinburgh (Inchkeith)	pq	pq	q	qrlprs	47	33	32	1	48.00	3	<21.00	1.3
Leuchars	orr bc	bbc cbo	bcprcR	cirs	48	34	32	5	48.00	6	<21.00	2.~~2~~4
Eskdalemuir	rrprhrs	cprscbc	bcc	cpc	44	34	33	14	48.00	Trace	-	0.5
Tynemouth	cpq	bcpq	bcq	bcq	48	39	32	1	9.00	-	-	.
Blacksod Point ...	pqc	PHqc	phqc	phc	47	37	.	4	-	3	-	.
Donaghadee	bopr	prbc	bqx	bqx	47	(~~36~~) 34	.	2	48.00	-	-	.
Birr Castle	cPH	cprq	bcpr	bcx	48	~~32~~ 34	24	3	48.00	2	<21.00	3.7
Holyhead	rqddbcbcpr²cq	b	bbc	bbc	49	41	39	2	48.00	-	-	3.1
Liverpool (Bidston) ...	crbc	cqprrt	qbbcb	bbccb	50	39	34	0.5	9.00	-	-	2.7
Chester (Sealand) ...	crpRq	bcbprq	b	b	54	35	28	3	48.00	-	-	3.2
Harrogate	cqrr	cbqprh	bbccP	bbccP	46	36	34	2	9.00	1	<24.00	1.0
Spurn Head	cq	cprbc	b-bc	bx	(45)	36	.	0.4	12.30	-	-	0.1
Birmingham (Edgbaston)	cpr	crb	bpbb	bc	48	35	32	4	48.00	0.2	<21.00	1.0
Cranwell	crq	crbc	b-bc	b-bc	49	35	32	1	11.00	-	-	0.6
Gorleston	bccq	corqbc	bcb	bbc	48	37	33	0.3	14.30	-	-	0.1
Valentia (Cahirciveen)	orph	bcpy	bcopc	ophb	52	41	37	1	48.00	1	<21.00	2.6
Roches Point	orc	cpbcb	bpbc	bcb	51	34	.	2	48.00	0.1	22.00	.
Pembroke (St. Ann's H.)	crrm	bcpq	bc	bccpq	50	42	.	2	9.00	0.6	2.30	2.2
Rose-on-Wye	cbcorq	rbcvp	bbcpb	bbc	50	38	32	5	11.00	0.1	<21.00	1.1
Leafield	cprcr	crbcb	bbc	bccr	48	~~34~~	30	3	11.00	2	5.30	0.5
Winchester (Worthy Dn)	bcrcq	crqRcr	bcbbc	bccor	50	33	29	4	48.00	0.5	5.30	0.1
S Farnborough ...	bccr	cqrRc	b	bbccr	50	37	33	3	11.00	0.1	6.30	0.0
London (Kew Obsy) ...	bccq	crqb	bbcb	bcr	50	39	34	2	14.30	0.1	-	~~0.1~~
Croydon	bmcodbrmbc	bcmb	bbccr	50	39	36	2	12.30	Trace	-	~~0.0~~ 0.1	
Shoeburyness	bmbrcd	or	or	o	49	38	35	0.4	15.30	Trace	<21.00	0.5
Clacton-on-Sea ...	bc	bcopr	obcb	bbc	45	37	32	0.5	16.30	-	-	1.4
Felixstowe	bbccp	cr	cbcb	bbcc	48	37	33	0.5	11.00	-	-	2.0
Lympne	bocm	corrf	orcfob	bbc	47	36	33	1	15.30	1	<21.00	0.0
Scilly (St. Mary's) ...	bccr	cbcp	bcbbc	bcP	52	44	.	0.6	9.00	1	2.30	0.5
Falmouth (Pendennis)	comrq	crmqbc	bccpq	cprq	52	42	.	1	9.00	0.4	22.00	0.4
Plymouth (Cattewater)	bqorm	bqcrb	bbc	bubcR	51	45	39	0.6	9.00	0.5	5.30	0.0
Portland Bill	cqz	cicbc	b	bcc	51	45	.	1	11.00	-	-	.
Southampton (Calshot)	bccq	ccqmc	bcb	bbwbc	50	39	36	2	14.30	Trace	-	1.1
Dungeness	bcq	cqorr	bqbcbcb	cbbc	49	40	.	1	9.00	0.4	<21.00	.
Guernsey	pchccq	corrq	ocbcb	bbcc	52	45	.	3	15.30	0.3	<21.00	1.9

ISALLOBARS 11th January



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
1	12h 10th	Reindeer	SW	6	bc	51	51
2	10h "	Hibernia	SW'W	7	c	50	48
3	2h 11th	Dieppe	WNW	4	c-	48	47

GENERAL INFERENCE.

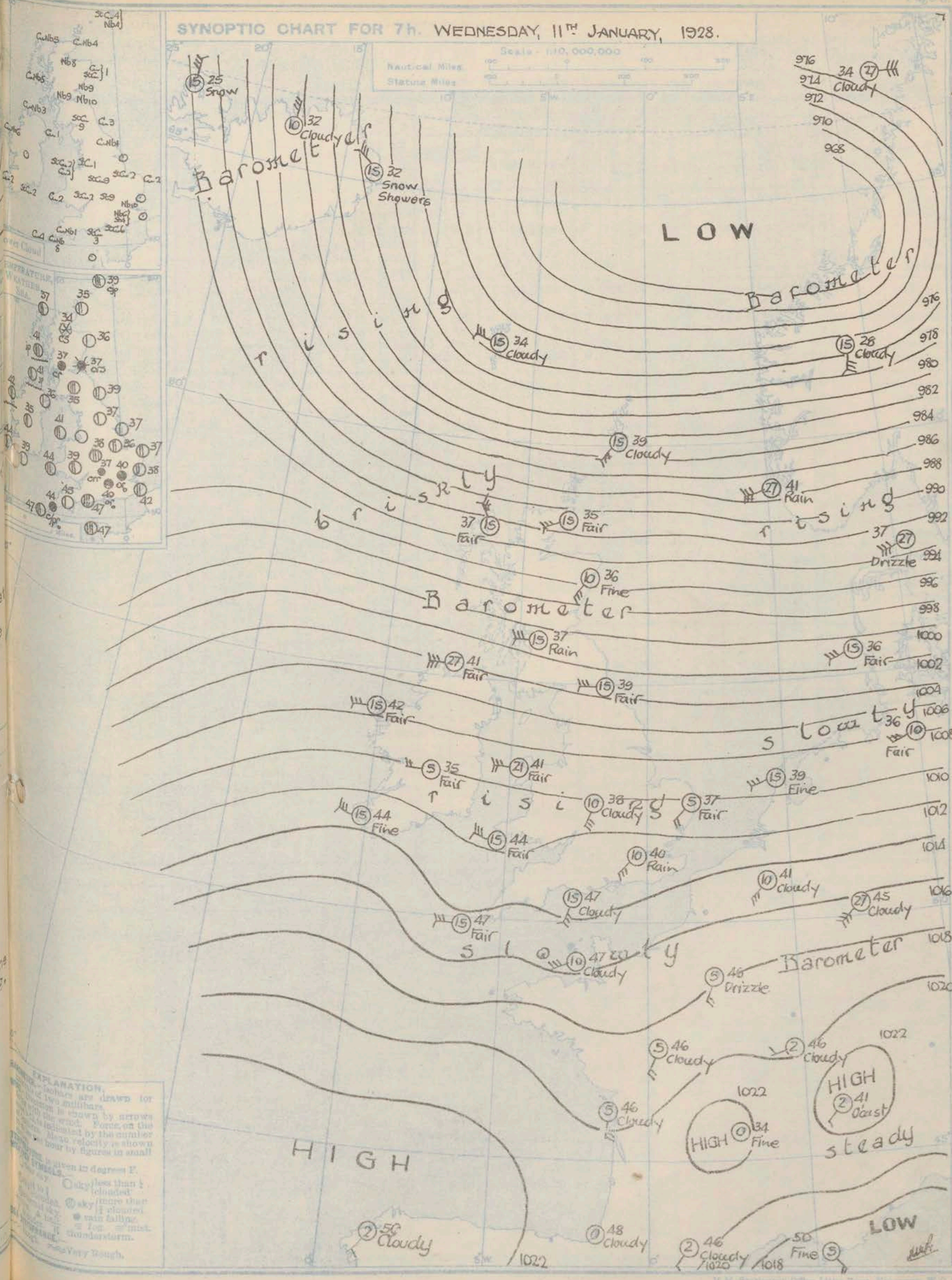
The depression off the Norwegian Coast is moving away north-eastward, and a new depression far out on the Atlantic will move north-east to near Iceland and probably become very deep. Southwest gales and heavy rainfall will be renewed tonight in northwest districts. In southeast districts there will be a fine interval, but some rain is probable tomorrow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 11th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind W., moderate or light, backing and freshening tomorrow; fine at first, probably some rain tomorrow; slight ground frost locally tonight; milder tomorrow.	Stormy, unsettled and mild.
5. S.W. England 6. South Wales	Wind W., moderate, backing S.W. and freshening considerably; fine at first apart from local showers; some rain tomorrow; temperature rising.	
7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands	Wind W., falling moderate, backing S.W. and becoming strong to a gale later; fine at first apart from local wintry showers; rain later; rather cold at first, becoming much milder tomorrow.	▼ South Coast still flying.
10. N.E. England	As 5 - 6.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 7 - 8.	
13. A. W. Scotland ▼ B. N.W. Scotland ▼ 14. Mid-Scotland 15. N.E. Scotland ▼	Wind W., moderating temporarily, backing S.W. and increasing to gale; wintry showers and bright intervals at first, heavy rain later; rather cold, then much milder.	
16. Orkneys and Shetlands ▼	As 7 - 8.	
17. N.W. Ireland ▼	As 13.	
18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Wind W., moderate, backing S.W. and becoming strong to a gale; local showers and bright intervals today, then cloudy with rain at times; much milder tomorrow.	cont'd

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

No. 350/820. m 105. 2/28. 13540. 1/28. ‡ For code see page 1. † Trace = rain one million, but amount less than 0·1 mm.

SYNOPTIC CHART FOR 7h. WEDNESDAY, 11TH JANUARY, 1928.



EXPLANATION.

PRESSURE.—Isobars are drawn for every difference of two millibars.

WIND.—Direction is shown by arrows flying with the wind. Force on the Beaufort scale is indicated by the number of feathers. Also velocity is shown for each hour by figures in small circles.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.

Clear sky — ○ sky less than ½ clouded.
Cloudy sky — ◐ sky more than ½ clouded.
● rain falling.
≈ fog. ≡ mist.
⚡ thunderstorm.

SEA STATE.—Very Rough.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Wednesday, 11th January 1928. No. 11

Stations	Height above M.S.L. in feet	Observations at 11h. G.M.T. 11th: 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. 11th: 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	Rain 0-4
Lerwick	84	977.1	+4	SW	4	oh(r)	39	92	7	4000	Nb	10	-	10	982.1	+2	SW	4	cjp	39	75	8	4000	Nb	8	-	8	•
Stornoway	30	988.9	+8	W	4	c/PH	•	•	7	•	•	•	•	8	993.0	+7	NNW	4	bc/h	37	75	7	4000	CuNb	5	-	5	3
Wick	81	985.3	+5	WSW	4	bc	35	97	8	1500	CuNb	3	CuSt	6	990.7	+3	WSW	4	bc	35	85	8	1500	CuNb	4	Cu	6	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	999.5	+8	W	6	cjp	41	75	7	1500	CuNb	8	-	8	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	995.2	•	WNW	3	cs	34	92	7	1500	Nb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	994.7	+5	SW	3	b	36	85	8	2500	Cu	1	-	1	0
Malin Head	51	997.5	+4	W	6	bc/PH	38	92	7	4000	CuNb	3	ACu	4	1003.1	+3	W	6	bcjp	41	85	8	4000	CuNb	3	-	3	7
Renfrew	26	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.5	+4	W	4	cr	37	85	7	800	Nb	9	-	9	•
Edinburgh (Inchkeith)	190	994.1	+6	WSW	6	bcjp	39	85	8	1500	Nb	5	ACu	7	997.0	+3	WSW	6	ors	37	92	8	1500	Nb	10	-	10	3
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	997.2	+3	SW	6	crs	36	92	7	1500	Nb	9	-	9	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.6	+3	SW	5	c	35	85	7	1500	StCu	9	-	9	•
Tynemouth	67	999.2	+3	W	4	bc	40	75	8	800	St	4	-	4	1002.4	+3	W	4	bc	39	86	8	2500	Cu	3	-	3	4
Blacksod Point ...	18	1002.6	+2	WSW	5	bc	43	65	7	•	CuNb	6	-	6	1007.8	+2	W	4	bc	42	65	7	•	CuNb	6	-	6	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.4	+3	WNW	4	b	36	85	8	4000	Cu	1	-	1	3
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.9	•	W	2	bc	35	92	7	-	-	0	CiCu	4	•
Holyhead	26	1005.5	+3	WSW	6	b+	42	85	7	-	-	0	ASt	2	1008.7	+2	W'N	5	bc	41	85	7	2500	Cu	4	-	4	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.2	+3	W'S	5	b	40	75	7	4000	StCu	1	-	1	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	+5	SE	2	b	35	85	7	5700	StCu	1	-	1	•
Harrogate	476	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.1	+1	SW	5	b+	37	85	8	2500	CuNb	1	-	1	•
Spurn Head	39	1004.0	+1	WSW	5	b	38	85	7	-	-	0	-	0	1007.2	+4	SW'W	5	b4	37	85	7	-	-	0	ACu	1	4
Birmingham (Edgbaston)	536	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.3	+2	SSW	3	c	38	85	8	4000	StCu	9	-	9	•
Cranwell	236	1007.0	+4	SW	4	b	36	85	7	-	-	0	-	0	1009.5	+3	SW'S	4	bc+	36	85	6	4000	StCu	2	ACu	3	•
Gorleston	14	1007.9	+3	W'S	3	b	42	85	7	-	-	0	-	0	1010.4	+3	SW	2	bc+	37	75	8	4000	Cu	2	ASt	4	0
Valentia (Cahireiveen) P	30	1009.7	+3	W	3	bc/PR	43	92	8	*	CuNb	6	-	6	1013.4	+3	WNW	4	b	44	55	8	2500	Cu	2	-	2	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.1	+3	W	2	b	39	92	8	1500	StCu	2	-	2	1
Pembroke (St. Ann's H.)	150	1005.4	+2	SW'W	6	bc+	46	92	8	2500	Cu	7	-	7	1011.4	+2	WNW	4	bc-	44	85	8	2500	Cu	2	ASt	4	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.7	+1	W'S	2	bc	39	85	7	4000	StCu	2	CiCu	3	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.5	+2	SW	3	crr	37	97	8	1500	St	9	-	9	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.4	0	SSW	3	or	41	92	7	800	Nb	10	-	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.9	+1	WSW	3	of	40	92	8	1500	Nb	10	-	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	41	•	•	•	•	•	•	•	1013.3	+1	SW	3	of	40	85	6	1500	Nb	10	-	10	•
Croydon	244	1011.9	+3	SW'W	3	b-	41	85	8	-	-	0	-	0	1013.2	+1	SW	2	c	41	85	7	4000	StCu	9	-	9	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.8	+2	SSW	3	c	39	97	5	1500	St	9	-	9	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.1	+2	W	3	bc	38	92	7	-	-	0	CiCu	4	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.4	+3	SW'S	3	c	39	85	7	2500	StCu	5	ACu	9	1
Lympne	350	1012.1	+4	SW	4	b	39	92	7	-	-	0	-	0	1013.7	+1	SW	3	bc-	37	85	7	-	-	0	ACu	5	•
Scilly (St. Mary's) ...	163	1013.0	+1	SW'W	5	bc+	48	85	8	4000	Cu	2	ACu	6	1014.0	+1	W	4	bc	47	85	8	4000	Cu	4	-	4	5
Falmouth (Pendennis)	200	1013.3	0	SW'W	2	c+	42	85	8	4000	StCu	8	-	8	1014.2	+1	W	3	c/pf	44	92	8	4000	CuNb	8	-	8	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.8	+2	W	4	b-	46	92	8	1500	CuNb	1	CiSt	1	7
Portland Bill	32	1012.5	+2	W'S	5	bc+	46	75	8	2500	StCu	2	Cu	6	1012.8	0	SSW	4	c	47	85	8	2500	StCu	3	ASt	10	0
Southampton (Calshot)	10	1012.8	+3	W'S	4	b	42	85	8	-	-	0	-	0	1013.1	0	SW	3	c+	42	92	8	2500	StCu	6	ACu	8	0
Dungeness	20	1012.7	+4	WSW	3	b-	42	92	8	-	-	0	-	0	1013.8	+2	SW	2	bc+	42	92	8	-	-	0	ACu	4	2
Guernsey (Fort George) P	298	1015.6	+2	-	0	c	46	92	7	4000	StCu	8	-	8	1015.3	0	WSW	3	c	47	85	8	-	-	0	ASt	8	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 9th to 9h. 10th	Temperature. Max. 9h.-17h. 10th	Rainfall.† Night 17h.-9h. 9th-10th	Rainfall.† Day 9h.-17h. 10th	Sunshine. Sunrise to Sunset. 10th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	r o c	c R c	37	48	0.3	4	2.1
Douglas (I. o. M.) ...	cp	cp	38	48	5	1	2.1
Llandudno ...	rr q/c	c b c p c	43	52	0.3	0.2	2.2
Colwyn Bay ...	b b c p o	o p b p c	43	51	0.3	3	1.1
Rhyl	q/b c r	b c(r)	38	?	-	(4)	2.4
Wallasey	c o r b c	b c p b c	38	50	-	1	2.3
Southport	o r o c	b c c o b	*40	48	-	2	2.8
Blackpool	o r	c p b c	41	47	-	2	2.0
Ilkley	r o r	c p	35	47	0.1	3	0.5
Cleethorpes	o	o r o b	36	49	-	1	0.0
Skegness	b c b b c r	r c b c	36	49	-	1	0.1
Aberystwyth ...	c p r	b c c	42	48	Trace	1	2.2
Bath	c i r	r c b c b	38	51	Trace	2	0.0
Cheltenham ...	c q/b c c	r o c b c	39	50	-	4	0.1
Leamington Spa ...	c r	c r	36	50	-	2	0.4
Lowestoft	c	b c c c r	36	48	0.3	0.2	0.3
Felixstowe	b c	b c c d	37	47	1	Trace	2.1
Harwich & Dovercourt	b c c	o c r	35	48	1	0.3	2.1
Southend	o c b c	b c o c r	36	48	0.2	0.3	0.6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o r	r o c	42	52	0.3	1	0.0
Bude	p r c	c b c p	43	52	-	2	0.6
Penzance	c o r	o c i r b	42	53	-	1	0.0
Paignton	o d p	o d r p c b	39	53	-	4	0.6
Torquay	o q/p	o d r p c b	42	53	-	3	0.5
Jersey	b c r	b c r	47	51	0.3	0.2	2.2
Weymouth	b c c	p c p c	42	51	0.3	1	0.4
Bournemouth ...	o c o	r o r c	38	50	0.3	2	0.3
Ventnor ...	r c	o r f	39	48	1	1	1.4
Portsmouth (S'thsea)	o c	o r	39	51	1	2	1.0
Bognor	o c	c r o r o	37	49	1	1	1.2
Littlehampton ...	c	c c r	36	48	0.5	0.6	1.3
Worthing	c b c	c r o	33	48	1	1	1.0
Brighton	b c c	c p c o	34	48	0.5	1	0.8
Eastbourne‖	o c o	c o r r o	40	50	0.3	1	1.6
Hastings‖	o p c b c	b c c o r	38	49	0.5	1	0.5
Folkestone	b c c o m	o m d r	36	48	1	Trace	0.9
Dover	b c c o c	c o r	39	45	0.6	0.2	0.5
Tunbridge Wells ...	o	o o r	35	49	0.3	2	0.0
Ramsgate	b c o	o d	39	49	1	0.2	1.3
Margate	r b c	b c d	38	49	0.4	Trace	1.6
Deal	c o	c o d o	35	48	-	Trace	0.6

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* 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. ‖ 17h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24,157 Thursday, 12th January, 1928. Page 1.

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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	985·9	+2	W	6	bcjb	39	95	8	4000	CuNb	6	CiSt	7	·
Stornoway	999·3	+6	NW	4	bc|r	38	85	7	4000	CuNb	5	-	5	·
Wick	996·9	+6	WSW	3	cl|pr	34	97	8	1500	CuNb	6	aSt	8	·
Tiree	1005·4	+3	W	5	bcjp	41	75	7	1500	CuNb	6	-	6	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Aberdeen	1000·9	+6	WSW	3	b	39	65	8	2500	CuNb	1	-	1	3
Malin Head	1008·2	+4	WNW	6	bcjp	41	85	8	4000	CuNb	5	CiCu	6	·
Renfrew	1006·2	+4	SW	3	bc	41	75	7	2500	CuNb	4	-	4	2
Edinburgh (Inchkeith)	1003·8	+6	WSW	4	b-	40	75	7	-	-	0	aCu	1	·
Leuchars	1003·3	+4	WSW	5	b	40	75	8	4000	StCu	1	-	1	2
Eskdalemuir	1007·3	+4	WSW	5	bcip	35	85	6	1500	Nb	7	-	7	2
Tynemouth	1006·8	+5	W	4	bc	41	75	7	2500	CuNb	3	-	3	·
Blacksod Point	1010·8	+2	W	4	bc	46	65	7	*	Cu	4	-	4	·
Donaghadee	1010·0	+4	W	4	bc-	40	75	8	4000	Cu	3	-	3	·
Birr Castle	1013·4	·	W	2	bc	42	75	7	2500	Cu	4	-	4	·
Holyhead	1012·4	+2	WNW	6	b	45	75	6	2500	Cu	1	-	1	2
Liverpool (Bidston)	1012·0	+3	W	5	b-	43	75	8	1500	CuNb	1	-	1	·
Chester (Sealand)	1011·8	+2	W'N	4	b	44	65	8	2500	Cu	2	-	2	1
Harrogate	1009·5	+1	WSW	6	bc+	40	75	8	4000	CuNb	6	-	6	·
Spurn Head	1008·7	+1	W	6	bc	40	85	7	4000	St	4	CiCu	6	·
Birmingham (Edgbaston)	1013·0	+1	W	3	b	43	65	8	4000	Cu	2	-	2	2
Cranwell	1011·7	+2	WSW	4	bc	42	75	6	-	-	0	aCu	3	1
Gorleston	1011·8	+1	WSW	2	bc	46	65	6	4000	Cu	2	CiCu	6	·
Valentia (Cahirciveen)	1016·4	+1	W'S	3	bc	46	65	9	2500	StCu	4	-	4	1
Roches Point	1016·8	+3	NW	2	b	43	85	9	1500	StCu	1	-	1	·
Pembroke (St. Ann's H.)	1015·0	+2	WNW	4	bc	45	85	8	2500	Cu	4	-	4	·
Ross-on-Wye	1014·0	+2	W'N	3	b	44	65	8	4000	Cu	1	-	1	2
Leafield	1014·9	+1	W'N	4	bc	42	75	8	4000	Cu	5	-	5	2
Winchester (Worthy Dn.)	1014·4	0	W'N	3	bc+	46	75	8	2500	Cu	5	-	5	1
S. Farnborough	1014·7	+1	W	2	bc	45	75	8	~~2500~~ 1500	Cu	5	-	5	1
London (Kew Obsy.)	1014·4	0	W	3	bc-	44	75	6	2500	StCu	5	Ci	6	2
Croydon	1014·2	0	W	3	c+	47	75	6	4000	Cu	8	-	8	2
Shoeburyness	1014·1	0	WSW	2	b|r	45	92	6	-	-	0	aCu	2	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Felixstowe	1013·8	0	SSW	4	b-	43	85	5	-	-	0	aCu	1	1
Lympne	1014·4	0	WNW	2	b-	42	92	8	4000	StCu	2	-	2	2
Scilly (St. Mary's)	1017·1	+3	WNW	4	bc	48	75	8	4000	Cu	4	-	4	·
Falmouth (Pendennis)	1017·6	+1	NW'W	3	bc	47	65	8	4000	Cu	4	-	4	·
Plymouth (Cattewater)	1016·2	+2	NW	3	b	47	65	8	2500	Cu	1	-	1	2
Portland Bill	1015·5	+2	W	4	bc	47	75	8	2500	CuNb	1	CiCu	1	·
Southampton (Calshot)	1015·1	+1	NW'W	3	bc+	45	75	8	2500	Cu	3	aCu	4	2
Dungeness cr	1014·8	0	W	1	~~c0~~	44	92	8	2500	Nb	8	-	8	·
Guernsey (Fort George)	1016·9	0	W'N	2	bc	47	85	8	2500	CuNb	6	aCu	7	·

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	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	990·5	+8	SW	6	cjp	41	85	7	4000	Nb	10	-	10	·
Stornoway	1002·7	+4	NW	3	bc|s	35	75	7	4000	CuNb	5	-	5	2
Wick	999·9	+3	WSW	4	clps	35	97	8	1500	CuNb	5	aSt	8	3
Tiree	1008·2	+1	SW	4	b	37	85	8	2500	CuNb	2	-	2	4
Nairn	1004·0	·	WNW	2	bc-	33	85	8	4000	Cu	4	-	4	·
Aberdeen	1004·5	+5	SW'W	3	b	35	75	8	-	-	0	-	0	0
Malin Head	1010·1	+1	SW	4	bcjp	40	85	8	4000	CuNb	3	-	3	5
Renfrew	1009·6	+3	WSW	4	b	37	85	7	2500	CuNb	2	-	2	·
Edinburgh (Inchkeith)	1007·9	+4	SW	2	b	36	92	8	-	-	0	aCu	1	1
Leuchars	1007·6	+4	WSW	4	b	34	75	8	-	-	0	-	0	·
Eskdalemuir	1010·6	+5	WSW	6	bc|ps	34	92	7	1500	StCu	5	-	5	·
Tynemouth	1010·5	0	W	3	bc	39	85	7	1500	St	3	-	3	2
Blacksod Point	1012·0	0	W	1	bc	43	85	7	·	Cu	4	-	4	5
Donaghadee	1013·0	+3	W	2	b-	37	85	8	4000	Cu	2	-	2	2
Birr Castle	1015·0	·	SW	1	bc	37	92	7	2500	Cu	1	aCu	4	·
Holyhead	1015·1	+3	W'N	4	b	42	85	6	2500	St	<1	aSt	1	5
Liverpool (Bidston)	1015·2	+4	WSW	4	b+	38	75	8	-	-	0	CiSt	1	·
Chester (Sealand)	1015·0	+3	WSW	2	b	37	75	6	4000	Cu	1	-	1	·
Harrogate	1013·3	+3	SW	3	b	37	85	7	-	-	0	-	0	·
Spurn Head	1013·6	+5	W'S	4	bc	38	95	5	4000	St	4	-	4	3
Birmingham (Edgbaston)	1017·7	+4	SW	2	b	37	75	7	-	-	0	-	0	·
Cranwell	1016·0	+5	W'S	2	b-	36	85	6	-	-	0	-	0	·
Gorleston	1015·4	+4	SW	1	b	38	92	7	-	-	0	-	0	0
Valentia (Cahirciveen)	1016·6	0	SW	3	bc	42	75	8	2500	St	2	CiSt	5	4
Roches Point	1018·1	+3	NW	2	b	42	97	8	1500	StCu	2	-	2	1
Pembroke (St. Ann's H.)	1018·1	+3	WNW	4	bc	44	85	8	2500	Cu	2	aSt	4	~~4~~ 2
Ross-on-Wye	1017·4	+3	W	2	b	39	75	8	-	-	0	-	0	·
Leafield	1017·4	+3	W'N	3	b	36	75	8	-	-	0	-	0	·
Winchester (Worthy Dn.)	1018·0	+4	W	2	b	34	92	7	4000	StCu	1	-	1	·
S. Farnborough	1018·3	+5	~~WSW~~ WNW	1	b	34	92	6	-	-	0	-	0	·
London (Kew Obsy.)	1017·9	+5	W'N	1	b	40	75	6	-	-	0	-	0	·
Croydon	1018·2	+5	W'S	2	b-	35	85	5	-	-	0	-	0	·
Shoeburyness	1017·4	+3	SW	2	b-	38	85	6	-	-	0	-	0	·
Clacton-on-Sea	1017·6	+3	WNW	3	b	38	85	7	-	-	0	aCu	2	1
Felixstowe	1016·8	+4	WSW	2	b	39	75	7	-	-	0	-	0	1
Lympne	1017·5	+4	NW'W	3	b	37	97	5	-	-	0	-	0	·
Scilly (St. Mary's)	1019·5	+2	WSW	2	bc	43	85	8	4000	Cu	5	-	5	2
Falmouth (Pendennis)	1020·0	+3	NW	2	bc+	43	75	7	4000	Cu	3	Ci	4	0
Plymouth (Cattewater)	1019·7	+4	W	3	b-	43	75	7	4000	CuNb	1	-	1	1
Portland Bill	1018·5	+4	W	2	b-	45	75	8	2500	Cu	1	-	1	1
Southampton (Calshot)	1018·7	+5	-	0	b	39	75	8	-	-	0	-	0	0
Dungeness	1018·2	+5	WNW	1	b-	37	92	8	-	-	0	-	0	2
Guernsey (Fort George)	1019·9	+3	WNW	2	b-	44	75	8	2500	Cu	2	-	2	0

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	18	crbc	cb	bmxbc	46	30	21	2	0·2	4·0	*	*	6
Croydon (24 hours ended 7h.)	244	crmbc	cbcbz	bmxc	47	33	23	3	Tr.	3·3	*	*	6
Greenwich (Royal Obsy.)	149	or b	bbcbz	bzxc	46	30	22	0·5	Tr.	2·5	69	78	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2·3	*	*	·
Westminster (St. James' Pk.)	27	*	*	*	46	36	~~18~~ (23)	-	-	2·6	69	78	·
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	2·8	*	*	·
Camden Square	110	orcb	bc b	*	45	33	25	Tr.	-	*	*	85	·
Kensington Palace	80	orcbc	bc b	*	46	33	-	7	-	*	(At 18h) 73	81	·
Hampstead Observatory	450	*	*	*	39	29	20	2	0·5	4·1	*	30	·

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
2·0	11th 19h	Defective record	

Kew Observatory			
Max.	Time.	Min.	Time.
0·5	11th 20h	<0·3	12th 6h.

Pole Star Record at Greenwich Obsy.

Exposure from 11th 17 h. 15 m. to 12th 7 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	13.45	100
δ Ursae Minoris	13.45	13.45	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.

12th–13th January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8·3 8·2	12·1 12·2	16·0 16·1
Greenwich	8·4 8·4	12·8 12·8	16·12 16·14
Wick	8·57 8·56	12·20 12·21	15·44 15·46
Valentia	8·47 8·47	12·49 12·49	16·51 16·52

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.

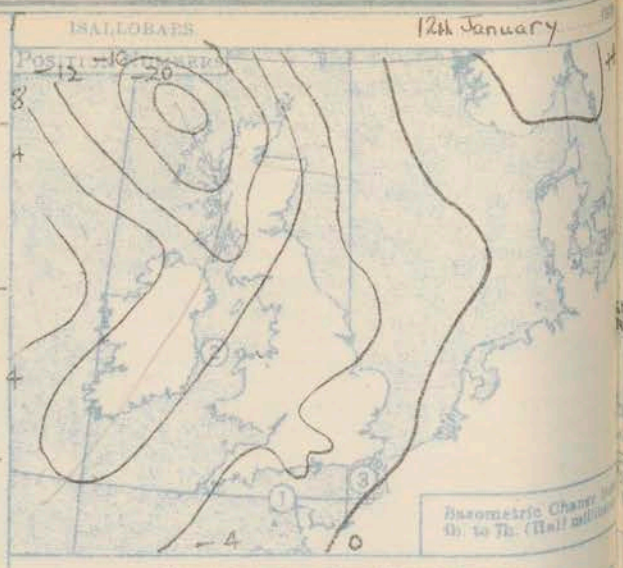
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† 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.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 11th	WEATHER. 13h.-18h. 11th	WEATHER. 18h.-1½h. 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	ihrs bcq	ihrs cq	cq	c	42	38	.	5	<8.00	1	<21.00	0.0
Stornoway	h-rh	h-rh	c	bcorrq	39	34	.	2	-	7	-	1.5
Wick	cbs	cbs	b-bc	bcprr	36	32	.	1	<8.00	0.6	5.30	.
Tiree	brs bc	bh bc	co	corrq	43	37	32	1	<8.00	3	1.30	2.3
Nairn	cbcsp	bchps	bcxcw	c	35	31	.	6	<8.00	0.2	5.30	1.5
Aberdeen	b	b	b	bor.r	39	34	27	-	-	1	5.30	5.9
Malin Head	bcPH p	bcphr	bcmprcq	orr	43	38	.	2	<8.00	4	<21.00	2.9
Renfrew	prsbcm	cprs b	cprs bc	corRqm	42	36	32	2	<8.00	11	<21.00	3.9
Edinburgh (Inchkeith)	bcb	b	bbcc	p	41	36	32	0.5	<8.00	0.1	4.30	4.4
Leuchars	rsp bcb	b.bc	bx	b,or.r	40	32	29	0.3	<8.00	1	5.30	5.6
Eskdalemuir	prs ps bc	cps bcps	bcps bx	bxcorm	36	30	27	2	<8.00	7	<21.00	0.5
Tynemouth	bcq	bc	bc	o	42	37	35	-	-	-	-	.
Blacksod Point ...	H b	H b	pq.r	Rq.r	46	40	.	3	-	10	-	.
Donaghadee	bcpr	bcb	bbc o	or.rr	41	34	.	Trace	11.00	4	1.30	.
Birr Castle	bc	bc5c	orr	orr	43	34	29	(Trace)	-	3	-	5.5
Holyhead	bcbm	bz	bbc	bccrr	45	41	38	-	-	3	5.30	5.6
Liverpool (Bidston) ...	bq	b.bc	bw	bccp	43	36	30	-	-	Trace	5.30	4.8
Chester (Sealand) ...	bbc	bm	bmx	bcc	45	31	24	-	-	-	-	5.2
Harrogate	bbcq	bcb	b	bbcir	41	34	31	-	-	Trace	6.30	5.6
Spurn Head	b.bc	b.bc	b bx	b-bc	40	34	.	-	-	-	-	2.7
Birmingham (Edgbaston)	cbc	b	bx	bxo	44	33	30	-	-	-	-	6.4
Cranwell	bc	b.bc	c	b,c	42	32	30	-	-	-	-	4.2
Gorleston	bc	bcb	bx	bx	46	32	29	-	-	-	-	4.3
Valentia (Cahirciveen)	bcph	bccp	bc pr	or	47	41	37	0.2	11.00	6	<21.00	4.5
Roches Point	bv	b	bbc	corr	44	40	.	-	-	4	2.30	.
Pembroke (St. Ann's H.)	bc	bc	bbc	bccpq	48	42	.	-	-	Trace	3.30	6.4
Ross-on-Wye	cp b	b	b	bbcc	45	34	21	Trace	<8.00	-	-	7.0
Leafield	r cbc	bc	bwx	bx bcx	43	30	26	0.1	<8.00	-	-	6.6
Winchester (Worthy Dn.)	orcbc	bcb	bx	bxbcx	46	28	21	2	<8.00	Trace	-	5.9
S. Farnborough ...	cr bc	bcb	bx	bxm	47	27	21	3	<8.00	Trace	-	5.5
London (Kew Obsy.) ...	cr bc	cb	bmx	bxbcx	46	30	21	2	<8.00	0.2	-	4.0
Croydon	crmbc	cbcbz	bmx	bmxc	47	33	23	3	<8.00	Trace	-	3.3
Shoeburyness	orro	bc	bc	bcx	46	30	28	Trace	<8.00	-	-	2.6
Clacton-on-Sea ...	bcm	bcmb	bmx	bmbcx	43	32	25	-	-	-	-	3.0
Felixstowe	cbcm	bcmb	bm	bmx	45	33	23	-	-	-	-	3.6
Lympne	cbcb	bcbm	bbxm	bbcxm	47	29	18	-	-	-	-	4.1
Scilly (St. Mary's) ...	bc	bcp	bcbp	bccp	48	42	.	Trace	16.30	Trace	<21.00	5.8
Falmouth (Pendennis)	cbc	bcbr	bc	bcc	48	40	.	Trace	12.30	-	-	6.5
Plymouth (Cattewater)	bbc	bbcbRH	b	bwxc	48	39	25	Trace	15.30	Trace	-	6.1
Portland Bill	cp bc	bcb	b	bcc	48	42	.	1	<8.00	-	-	.
Southampton (Calshot)	cPR bc	bc	bw bx	bxbcc	46	32	18	2	9.00	Trace	<21.00	5.8
Dungeness	bccir	cbcb	b	bbcc	48	32	.	1	11.00	-	-	.
Guernsey	crrcbc	bcb	b	bbcc	49	41	.	1	<8.00	-	-	2.4



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	11th 10h.	Hibernia	W'N	5	c	44	47
3	12th 2h.	Brighton	NW	4	bc	43	47

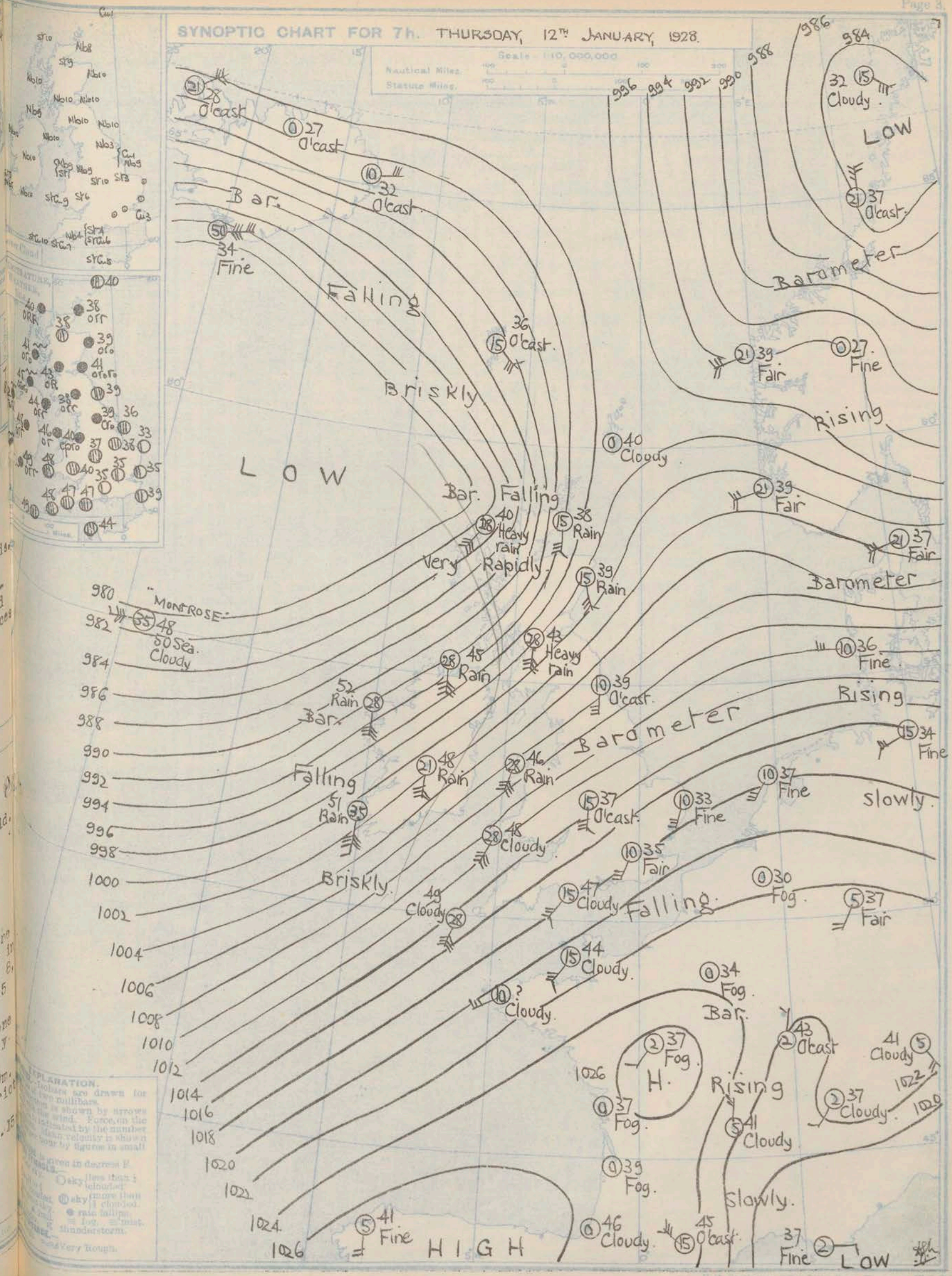
GENERAL INFERENCE.

A very deep depression, centred to the northwest of Ireland, is moving northeastwards. Weather will be mild, stormy and unsettled generally, southwesterly gales being widespread and rain occurring in most places.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 12th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Moderate to strong, southwesterly winds, approaching a gale locally; cloudy, some rain; bright intervals tomorrow: mild.	Stormy and unsettled; mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	South to southwest winds, moderate to strong, reaching gale force at times; continuous rain at first, intermittent rain later; mild.	South Cone still flying in districts 7, 8, 12, 13 and 15 to 20. South Cone hoisted today in district 11 at 3h. 20m. and in district 1, 2, 5, 6 and 10 at 8h. 15m.
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	Southerly winds, veering, strong to gale at times; rainy; mild.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	South to southwest winds, strong to gale at times, veering west later; cloudy, rainy at first; showers later; mild.	

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

† Trace = rain too small to measure, but amount less than 0.1 mm.


SYNOPTIC CHART FOR 7h. THURSDAY, 12TH JANUARY, 1928.
Scale 1:10,000,000
Nautical Miles
Statute Miles
LOW
Falling
Briskly
Bar.
Barometer
Rising
Very Rapidly
Falling
Slowly
HIGH
LOW
"MONTROSE"
50 Sea
Cloudy
Fine
Fair
Cloudy
Rain
Heavy rain
Fog
O'cast
980
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Thursday, 12th January 1928. No. 12.

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	996.3	+3	SW	4	c	42	75	7	4000	Cu	5	ASt	9
Stornoway	30	1002.6	-2	S	3	c	*	*	6	*	*	*	*	10
Wick	81	1003.2	0	W	2	bcω	34	92	8	1500	CuNb	2	CiSt	7
Tiree	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	52	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	1003.6	-10	S	6	orr	39	97	6	4000	Nb	10	-	10
Renfrew	38	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1008.5	0	WSW	3	o+	38	85	8	1500	St	10	-	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1012.3	0	SW	3	c+	37	85	7	1500	St	9	-	9
Blacksod Point	18	1002.2	-3	W	6	orr	42	85	6	*	Nb	10	-	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	28	1013.5	-3	SW	4	bc	44	75	8	2500	Cu	1	ACu	5
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1015.3	0	WSW	4	b	36	92	7	-	-	0	-	0
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1017.6	0	SW	3	b	34	92	5	-	-	0	-	0
Gorleston	14	1018.2	+2	WSW	2	b	34	92	7	-	-	0	-	0
Valentia (Cahirciveen) F	20	1010.7	0	SW	4	or₀+	49	92	7	*	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1016.7	-2	SW	5	bc+	45	92	8	1500	Cu	5	ACu	7
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	260	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	34	*	*	*	*	*	*	*
Croydon	244	1020.4	+1	SWW	3	b	35	92	7	-	-	0	-	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1019.9	+2	W	3	b	32	92	6	-	-	0	-	0
Scilly (St. Mary's)	163	1019.9	-3	SW'S	4	bc+	45	85	8	4000	StCu	7	-	7
Falmouth (Pendennis)	200	1020.8	-2	SWW	3	bc	41	85	8	4000	Cu	3	-	3
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1020.1	+1	WSW	4	b	45	65	8	-	-	0	Ci	1
Southampton (Calshot)	10	1020.7	+1	W'S	1	b	33	92	8	-	-	0	-	0
Dungeness	20	1020.5	+3	N	1	b	34	85	7	-	-	0	-	0
Guernsey (Fort George) F	296	1023.0	+2	-	0	b-	39	92	8	-	-	0	-	0

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	996.1	-2	-	0	c	40	85	8	4000	Cu	1	ASt	10	*
Stornoway	983.9	-20	SW	6	oRR	40	97	6	800	St	10	-	10	5
Wick	995.3	-12	S	4	crr	38	97	7	1500	Nb	8	CiSt	10	3
Tiree	988.4	-12	S'W	6	or₀	41	97	6	1500	Nb	10	-	10	1
Nairn	991.1	*	W	1	c+	38	92	7	1500	St	9	-	9	*
Aberdeen	999.0	-8	SSE	4	or₀*	39	92	6	1500	Nb	10	-	10	0
Malin Head	990.8	-7	S	6	cr₀r₀	45	97	6	4000	Nb	9	-	9	5
Renfrew	998.1	-13	S	5	oR	43	92	6	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	997.2	-11	SW	5	or₀r₀	41	85	8	800	Nb	10	-	10	3
Leuchars	999.6	-8	SSW	5	or₀r₀	38	92	7	1500	Nb	10	-	10	*
Eskdalemuir	1001.6	-11	SSW	8	orr	38	97	6	1500	Nb	10	-	10	2
Tynemouth	1005.4	-5	S	3	ojp	39	85	6	1500	Nb	10	-	10	
Blacksod Point	993.5	-4	S	6	or₀r₀	52	85	6	*	Nb	10	-	10	7
Donaghadee	1001.0	-10	SW	7	orr	44	92	7	2500	Nb	10	-	10	4
Birr Castle	1000.1	*	S	5	orr	48	92	6	800	Nb	10	-	10	*
Holyhead	1007.1	-7	SSW	6	or-	46	97	6	800	Nb	10	-	10	5
Liverpool (Bidston)	1009.7	-6	S	3	c|pr₀	40	85	7	1500	Nb	9	-	9	*
Chester (Sealand)	1009.8	-7	SSE	2	c	40	85	7	2500	StCu	7	ASt	10	
Harrogate	1009.4	-6	SSW	5	cr₀	39	85	6	2500	Nb	3	ASt	10	*
Spurn Head	1012.5	-6	S'W	5	c+	36	92	7	4000	Nb	10	-	10	3
Birmingham (Edgbaston)	~~1013.4~~	-4	S	4	o	37	85	8	1500	St	10	-	10	*
Cranwell	1014.9	-5	SSW	5	c+	38	85	6	1500	St	3	ASt	10	*
Gorleston	1017.5	-2	SSW	3	b	33	75	7	-	-	0	CiCu	1	0
Valentia (Cahirciveen) F	1001.1	-9	S	7	or-	51	97	6	1500	St	10	-	10	6
Roches Point	1006.6	-9	SW	4	orr	49	97	7	800	Nb	10	-	10	6
Pembroke (St. Ann's H.)	1011.0	-5	SW'S	6	c+	48	92	8	2500	StCu	9	-	9	4
Ross-on-Wye	1014.3	-4	SW	4	c+	40	75	8	2500	StCu	6	ASt	9	*
Leafield	1015.6	-3	S'W	4	c	34	92	7	5700	StCu	1	ASt	9	
Winchester (Worthy Dn.)	1018.0	-3	S'E	2	bcω	33	97	7	2500	StCu	3	ASt	6	*
S. Farnborough	1017.9	-4	S	3	b	35	92	6	-	-	0	ASt	2	*
London (Kew Obsy.)	1017.8	-2	SSW	3	bc+	35	92	7	-	-	0	ASt	7	*
Croydon	1018.8	-1	S'W	3	c+	33	97	6	-	-	0	CiSt	9	
Shoeburyness	1018.8	-1	SSW	3	bc-	35	92	5	800	St	6	-	6	2
Clacton-on-Sea	1018.4	-2	~~(S)~~	3	bc	35	92	7	-	-	0	CiSt	3	1
Felixstowe	1018.7	-1	S'W	3	b	35	92	6	-	-	0	ASt	1	*
Lympne	1019.1	-1	SW	3	bc+	34	92	6	2500	Cu	1	Ci	7	
Scilly (St. Mary's)	1015.3	-5	SSW	6	c	49	92	8	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1016.0	-4	SW	6	c+	48	75	8	4000	StCu	7	CiSt	10	3
Plymouth (Cattewater)	1017.3	-2	SSW	4	c	47	85	8	1500	Nb	4	ASt	10	2
Portland Bill	1017.5	-3	SW	4	c	47	75	8	2500	StCu	10	-	10	2
Southampton (Calshot)	1018.7	-4	S	4	c+	41	85	8	1500	StCu	3	CiSt	8	0
Dungeness	1020.3	-1	SW	1	bc+	39	92	8	1500	Cu	3	CiSt	5	1
Guernsey (Fort George) F	1020.9	-2	SW	4	c	44	85	8	4000	StCu	5	ASt	8	3

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 10th to 9h. 11th (4) °F	Temperature Max. 9h.-17h. 11th (5) °F	Rainfall Night 17h.-9h. 10th-11th (6) mm.	Rainfall Day 9h.-17h. 11th (7) mm.	Sunshine Sunrise to Sunset 11th (8) hr.
Berwick-on-Tweed	c	bc	34	41	2	-	5.2
Douglas (I. o. M.)	b	bc	38	42	-	-	6.4
Llandudno	cbbc	bcb	40	44	-	-	3.9
Colwyn Bay	cob	bcb	39	45	-	-	3.4
Rhyl	bcb	b	39	45	-	-	4.6
Wallasey	b	b	39	44	-	-	3.5
Southport	bcbbc	b	*40	43	-	-	4.2
Blackpool	cbc	b	40	43	-	-	4.9
Ilkley	c	c	35	42	1	-	1.4
Cleethorpes	bo	bc	34	41	-	-	4.2
Skegness	bc	bcb	34	48	-	-	4.5
Aberystwyth	cbc	bc	40	44	Trace	-	6.5
Bath	b	b	38	46	Trace	-	6.3
Cheltenham‡	cpbcb	bcb	37	45	1	-	5.7
Leamington Spa	cb	bc	36	44	0.1	-	5.7
Lowestoft	b	b	36	45	0.5	-	3.8
Felixstowe	bcb	b	36	45	1	-	3.4
Harwich & Dovercourt	bcc	bc	36	45	1	-	3.3
Southend	ocrbc	bbcb	37	47	2	1	2.6
Ilfracombe	bcbc	cb	42	47	1	0.2	4.8
Bude							6.2
Penzance	b	b	41	50	1	-	6.4
Paignton	bw	bcbbm	37	50	0.3	-	6.7
Torquay	b	b	39	50	0.6	-	3.0
Jersey	sp	bc	45	51	4	0.4	6.7
Weymouth	b	b	41	50	0.6	-	6.3
Bournemouth	Tb	b	38	47	2	-	5.0
Ventnor	Tcb	b	39	48	1	2	5.5
Portsmouth (S'thsea)	cob	b.bm	40	47	1	-	4.9
Bognor	orrbc	bcb	38	47	1	2	4.6
Littlehampton	cpbcb	b	37	46	1	1	4.5
Worthing	crbc	bcb	34	47	1	1	3.7
Brighton	ccpb	bbc	38	46	3	Trace	4.1
Eastbourne	bcobc	obcb	40	49	1	1	
Hastings‖	copro	cpbcb	37	47	2	1	3.5
Folkestone	cmbcm	bcm	36	48	1	-	3.2
Dover	cbcb	bbcbm	40	47	1	-	4.1
Tunbridge Wells	borcc	cbcb	35	46	0.3	1	3.4
Ramsgate	cpbc	bcm	38	47	0.4	0.2	2.1
Margate	orbc	bc	38	47	0.6	1	1.9
Deal	bc	bbc	37	48	1	-	3.5

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. 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

‡ 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 24,158 Friday, 13th January 1928. 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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	983.9	-13	SSE	5	orr	39	97	7	4000	Nb	10	-	10	•
Stornoway	981.4	+1	WSW	5	o|bc₀	46	92	6	4000	Nb	10	-	10	•
Wick	984.0	-5	SSW	4	c	43	97	8	1500	CuNb	6	CiSt	8	•
Tiree	986.8	-1	SW	5	o+	49	97	6	800	St	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	986.4	-9	SSW	6	c	46	85	7	1500	Cu	4	ASt	8	2
Malin Head	989.3	-1	SW'W	5	cr	50	92	7	2500	St	2	ACu	8	•
Renfrew	990.8	-3	SSW	6	crr	48	92	6	450	Nb	9	ASt	10	2
Edinburgh (Inchkeith)	989.1	-8	SW	5	odd	47	85	8	800	Nb	10	-	10	•
Leuchars	989.0	-7	SW	6	cr	48	85	7	1500	Nb	8	ASt	9	2
Eskdalemuir	993.4	-8	SSW	6	orr	43	97	5	800	Nb	10	-	10	2
Tynemouth	995.2	-6	SW	6	c	46	85	6	1500	Cu	6	Ci	8	•
Blacksod Point	991.7	-2	SW	6	c	51	92	6	*	StCu	10	-	10	•
Donaghadee	993.8	-7	SSW	4	or	49	92	7	1500	Nb	10	-	10	•
Birr Castle	994.6	•	S	4	cr-	51	97	6	1500	Nb	9	-	9	•
Holyhead	999.4	-9	SSW	7	or-	48	97	5	800	Nb	10	-	10	2
Liverpool (Bidston)	1000.2	-10	SSW	5	crr	48	85	8	1500	StCu	9	ASt	10	•
Chester (Sealand)	1001.2	-11	S	3	crr	50	75	8	1500	St	8	ASt	10	1
Harrogate	1000.9	-8	SSW	6	crr	43	85	6	2500	Nb	9	ASt	10	•
Spurn Head	1003.1	-10	SSW	6	orr	40	97	6	2500	Nb	10	-	10	•
Birmingham (Edgbaston)	1006.4	-8	SSW	5	cr	44	85	6	2500	Nb	8	-	8	2
Cranwell	1007.1	-9	S'W	7	crr	42	92	7	1500	Nb	8	ASt	10	1
Gorleston	1011.0	-6	SSW	5	c+	42	75	6	4000	StCu	2	ASt	10	•
Valentia (Cahirciveen)	997.5	-5	SW	6	orr	54	97	6	800	St	10	-	10	2
Roches Point	1000.5	-5	SW	4	odd	52	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1003.4	-9	SW	8	orr	47	97	4	800	Nb	10	-	10	•
Ross-on-Wye	1007.0	-6	SW	5	crr	46	85	7	2500	Nb	7	ASt	10	2
Leafield	1009.6	-5	S'W	5	crc	43	92	8	800	St	8	ASt	10	1
Winchester (Worthy Dn)	1012.5	-7	S	6	or	45	92	8	220	Nb	10	-	10	2
S. Farnborough	1013.0	-7	SSW	5	od	45	85	8	1500	Nb	10	-	10	1
London (Kew Obsy.)	1012.7	-8	SSW	4	crr	44	85	6	800	Nb	7	ASt	10	2
Croydon	1012.9	-9	SW'S	5	crr	44	92	6	800	St	6	ASt	10	2
Shoeburyness	1013.4	-5	SSW	5	c+	44	85	7	5700	St	6	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1013.8	-6	S	5	c	42	85	6	-	-	0	ASt	9	0
Lympne	1015.2	-7	S	6	c	42	92	6	800	St	10	-	10	1
Scilly (St. Mary's)	1010.5	-5	SSW	7	orr	50	97	6	2500	Nb	10	-	10	•
Falmouth (Pendennis)	1010.8	-6	SW	8	orr	48	97	6	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1011.5	-7	SSW	7	orr	48	97	6	220	Nb	10	-	10	2
Portland Bill	1012.3	-6	SSW	7	cr	48	85	6	1500	St	7	ASt	10	•
Southampton (Calshot)	1013.9	-6	SSW	6	cr	46	85	7	2500	StCu	5	ASt	10	5
Dungeness	1015.5	-6	SW	6	c+	45	85	8	800	St	2	ASt	9	•
Guernsey (Fort George)	1016.9	-6	SW	6	c	46	85	8	2500	StCu	7	ASt	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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	978.8	-3	SSE	3	bc	45	97	7	5700	StCu	6	-	6	•
Stornoway	979.0	-4	WSW	4	o|bc	45	92	6	2500	Nb	10	-	10	3
Wick	982.7	-1	SSW	2	bc	44	97	8	2500	StCu	3	CiSt	5	0
Tiree	992.9	-3	S	6	c	45	92	7	1500	CuNb	8	-	8	5
Nairn	981.9	•	W	2	bc	44	85	8	1500	St	6	-	6	•
Aberdeen	985.8	-2	SSE	2	c+	45	92	6	-	-	0	ASt	9	1
Malin Head	986.4	-4	SSW	5	bcr	48	85	7	4000	Nb	4	ACu	6	4
Renfrew	988.6	-4	WSW	6	cr	49	85	7	800	St	9	-	9	•
Edinburgh (Inchkeith)	986.3	-3	SW	4	bc-	47	92	8	1500	St	5	-	5	3
Leuchars	986.2	-2	SW	6	c-	49	85	7	800	Nb	6	ASt	8	•
Eskdalemuir	989.9	-3	SW	6	o	47	97	6	800	St	10	-	10	•
Tynemouth	991.6	-1	SW	5	c	50	85	6	1500	Nb	8	-	8	2
Blacksod Point	989.9	-1	W	6	bc	49	85	7	•	CuNb	6	-	6	6
Donaghadee	991.5	-3	WSW	3	c-	50	85	7	4000	StCu	8	-	8	3
Birr Castle	993.6	•	SW	3	c	50	92	6	1500	Nb	9	-	9	•
Holyhead	995.8	-3	SW	5	orr	49	97	5	450	Nb	10	-	10	4
Liverpool (Bidston)	994.8	-5	SW	6	cr+	51	85	7	1500	CuNb	10	-	10	•
Chester (Sealand)	995.5	-6	SW	5	cr₀	53	75	8	1500	Nb	6	ASt	8	•
Harrogate	995.1	-3	SSW	5	orr	47	92	5	2500	Nb	10	-	10	•
Spurn Head	997.4	-6	SSW	6	orr	45	92	7	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	1000.8	-5	S	5	or+	47	97	8	1500	Nb	10	-	10	•
Cranwell	1000.1	-7	SSW	7	cr	48	85	6	1500	StCu	7	ASt	10	•
Gorleston	1004.6	-6	S'W	6	or+	43	92	6	2500	Nb	10	-	10	4
Valentia (Cahirciveen)	998.4	+2	SW	5	c	52	85	8	1500	St	8	-	8	5
Roches Point	998.7	0	WNW	3	dr	52	97	8	1500	StCu	8	-	8	6
Pembroke (St. Ann's H.)	998.4	-5	SW	8	oRR	50	97	4	800	Nb	10	-	10	7
Ross-on-Wye	1002.0	-5	SW'S	4	orr	49	92	6	1500	Nb	10	-	10	•
Leafield	1003.7	-5	SSW	6	orr	47	97	7	800	Nb	10	-	10	•
Winchester (Worthy Dn)	1007.6	-5	S	6	orr	46	97	7	450	Nb	10	-	10	•
S. Farnborough	1007.7	-6	S'W	6	orr	47	97	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1007.5	-6	SSW	5	crr	46	92	5	1500	Nb	7	ASt	10	•
Croydon	1008.3	-5	SW'S	5	orr	45	97	6	450	Nb	10	-	10	•
Shoeburyness	1008.3	-8	WSW	7	od	45	92	8	4000	St	10	-	10	•
Clacton-on-Sea	1008.1	-5	SSW	5	o	43	85	7	4000	St	10	-	10	3
Felixstowe	1007.7	-7	S	6	orr	44	85	6	800	Nb	10	-	10	6
Lympne	1010.9	-4	S'W	6	or	43	92	7	800	St	10	-	10	•
Scilly (St. Mary's)	1007.0	-3	SW'S	7	orr	51	97	6	2500	Nb	10	-	10	7
Falmouth (Pendennis)	1005.4	-3	SW'W	8	orr	50	97	6	2500	Nb	10	-	10	6
Plymouth (Cattewater)	1006.9	-6	SW	7	orr	49	97	6	220	Nb	10	-	10	6
Portland Bill	1007.2	-6	SSW	7	odd	49	92	5	1500	Nb	10	-	10	7
Southampton (Calshot)	1009.1	-5	SW'S	6	orr	47	92	6	800	Nb	10	-	10	3
Dungeness	1009.9	-8	SW	7	od	44	97	8	800	Nb	10	-	10	6
Guernsey (Fort George)	1013.4	-6	SW	6	cr	48	85	6	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 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	ocecr	cr₀m	crrqbcb	46	46	42	1	6	0.0	*	*	6
Croydon } 24 hours ended 7h.	244	cmrr	cor.r.	orr bb	45	45	41	1	5	0.0	•	•	6
Greenwich (Royal Obsy.)	149	cor	orop	oprevb	47	45	38	1	4	0.0	84	80	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	51	40	(34)	6		0.0	78	78	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	c	crcor	•	46	45	39	1	5	•	•	83	•
Kensington Palace	80	odr	odr	•	46	46	-	2	6	•	(At 18h) 100	77	•
Hampstead Observatory	450	•	•	•	49	35	27	3	5	0.0	•	82	•

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	12th 10h	<0.3	13th 1h.

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12th 17 h 15 m. to 13th 7 h 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.45	3-40	27
δ Ursae Minoris	13.45	3.23	25

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 January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.2 / 8.1	12.2 / 12.2	16.1 / 16.3
Greenwich	8.4 / 8.3	12.8 / 12.9	16.14 / 16.15
Wick	8.56 / 8.55	12.21 / 12.21	15.46 / 15.48
Valentia	8.47 / 8.46	12.49 / 12.50	15.52 / 15.54

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—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.

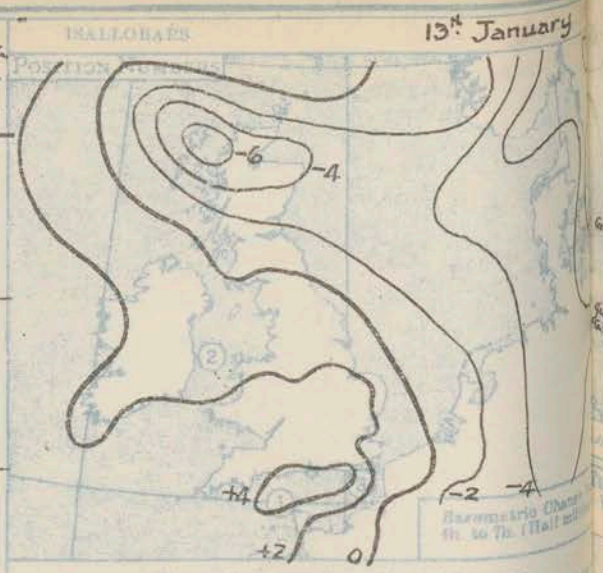
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3½ „
6. Moderate.	6¼ „
7. Good	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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 2570.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 12h.	Weather. 18h.-18h. 12h.	Weather. 18h. to 1h. 12h.	Weather. 1h.-7h. 13h.	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 12h. Hours.
Lerwick	corr	orrcbc	bcc	cipr	46	39	•	7	<8.00	3	<21.00	0.0
Stornoway	p	p	p	r-d	46	40	•	7	–	13	–	0.0
Wick	crrc	b.bc	c	b-bc	44	38	•	6	<8.00	–	–	•
Tiree	prbc	copd	cobc	prcq	49	43	39	1	<8.00	1	2.30	0.0
Nairn	cdbc	bccbc	qprc	cq	48	38	•	0.3	<8.00	5	<21.00	1.7
Aberdeen	circq	cqcm	cb	c	48	40	36	0.4	<8.00	–	–	0.0
Malin Head	crr	cir	cbcir	qircpr	50	41	•	4	<8.00	3	<21.00	0.0
Renfrew	RRRrr	rorr	orcp	crrq	49	43	41	11	<8.00	7	22.00	0.0
Edinburgh (Inchkeith)	pq	dcdc	r-dq	pq	48	42	39	Trace	<8.00	2	<21.00	0.0
Leuchars	rrir	dac	cprbccrbcpr		49	42	37	3	<8.00	2	<21.00	0.0
Eskdalemuir	orrm	ocmomomprpr		omcoir	47	40	39	3.7	<8.00	5	<21.00	0.0
Tynemouth	ocq	cq	cbcq	bcq	50	44	37	–	–	–	–	•
Blacksod Point ...	pco	pc	pc	pcqc	53	46	•	5	–	1	–	•
Donaghadee	rrir	ircc	bcpr	bcpr	51	41	•	4	<8.00	2	<21.00	•
Birr Castle	orrm	crrm	cprq	cprq	52	44	38	6	<8.00	1	22.00	0.0
Holyhead	rrm	rrmq	rob,c	cbcc	50	45	43	16	<8.00	0.3	<21.00	0.0
Liverpool (Bidston) ...	cr	rocp	crr.b	bqbcc	51	45	39	2	<8.00	2	<21.00	0.0
Chester (Sealand) ...	cz pr	cir	crq,b	bbc	53	45	40	0.5	9.00	1	<21.00	0.0
Harrogate	crr	corr	orbbccpq	bbccpq	47	43	40	2	<8.00	6	<21.00	0.0
Spurn Head	orr	orr	orc	b-bc	45	43	•	2	9.00	2	<21.00	0.0
Birmingham (Edgbaston)	rc	coir	orrc	cbc	47	42	39	2	<8.00	5	<21.00	0.0
Cranwell	corr	crdir	cir	c	48	42	40	1	11.00	2	<21.00	0.0
Gorleston	bxbccq	cq,orr	orrq	orq,b	43	43	42	2	12.30	3	<21.00	0.0
Valentia (Cahirciveen)	or	orcc	bccp	bccp	54	44	42	7	<8.00	1	<21.00	0.0
Roches Point	orrod	orrc	cbcb	b	53	43	•	11	<8.00	–	–	•
Pembroke (St. Ann's H.)	orrm	orrm	rbcbm	b	53	45		8	<8.00	3	<21.00	0.0
Ross-on-Wye	cor	rr	rrqcq	bbcb	49	45	40	5	11.00	9	<21.00	0.0
Leafield	cp	crdor	orrq	rcbc	47	40	36	1	11.00	5	<21.00	0.0
Winchester (Worthy Dn.)	bccor	ororr	orr	orcbcb	46	45	40	5	11.00	11	<21.00	0.0
S. Farnborough ...	bxcod	orr	orrm	crmbbc	47	44	44	2	12.30	10	<21.00	0.0
London (Kew Obsy.) ...	bcecr	crm	crrq	crqbcb	46	46	42	1	12.30	6	<21.00	0.0
Croydon	cmrr	corr	orrrr	crrbbc	45	45	41	1	9.00	5	<21.00	0.0
Shoeburyness	bco	od	bccp	or	45	44	41	0.1	13.30	0.2	22.00	0.0
Clacton-on-Sea ...	bcxc	coro	opd	opdob	43	42	40	1	13.30	1	<21.00	0.0
Felixstowe	bxcm	corr	orrm	orcbc	48	43	41	1	12.30	1	<21.00	0.1
Lympne	bxcm	cr	crorr	prrcbc	43	42	41	0.4	14.30	6	<21.00	0.0
Scilly (St. Mary's) ...	coir	orr	orbcb	b	51	48	•	4	9.00	7	<21.00	0.0
Falmouth (Pendennis)	omrq	prrmq	omrq	bcq	50	46	•	8	11.00	9	<21.00	0.0
Plymouth (Cattewater)	corrm	oqmrr	omqrrbq	bcbq	50	48	45	10	9.00	9	<21.00	0.0
Portland Bill	cir	odm	orrz	obz	49	47	•	1	11.00	6	<21.00	•
Southampton (Calshot)	cmrq	crqm	orrmq	prrcbcb	47	44	41	1	12.30	14	<21.00	0.0
Dungeness	bcc	cd,od	idrrq	bqrrdbc	46	45	•	0.1	15.30	6	<21.00	•
Guernsey	cccq	crm	rrrcq	prccq	49	48	•	0.2	16.30	7	<21.00	0.2



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	12th 10h.	Hibernia	SW's	8	orr	49	48
1	" 12h.	Reindeer	SW	6	C+	47	50
3	13th 2h.	Dieppe	SW	7	or	48	47

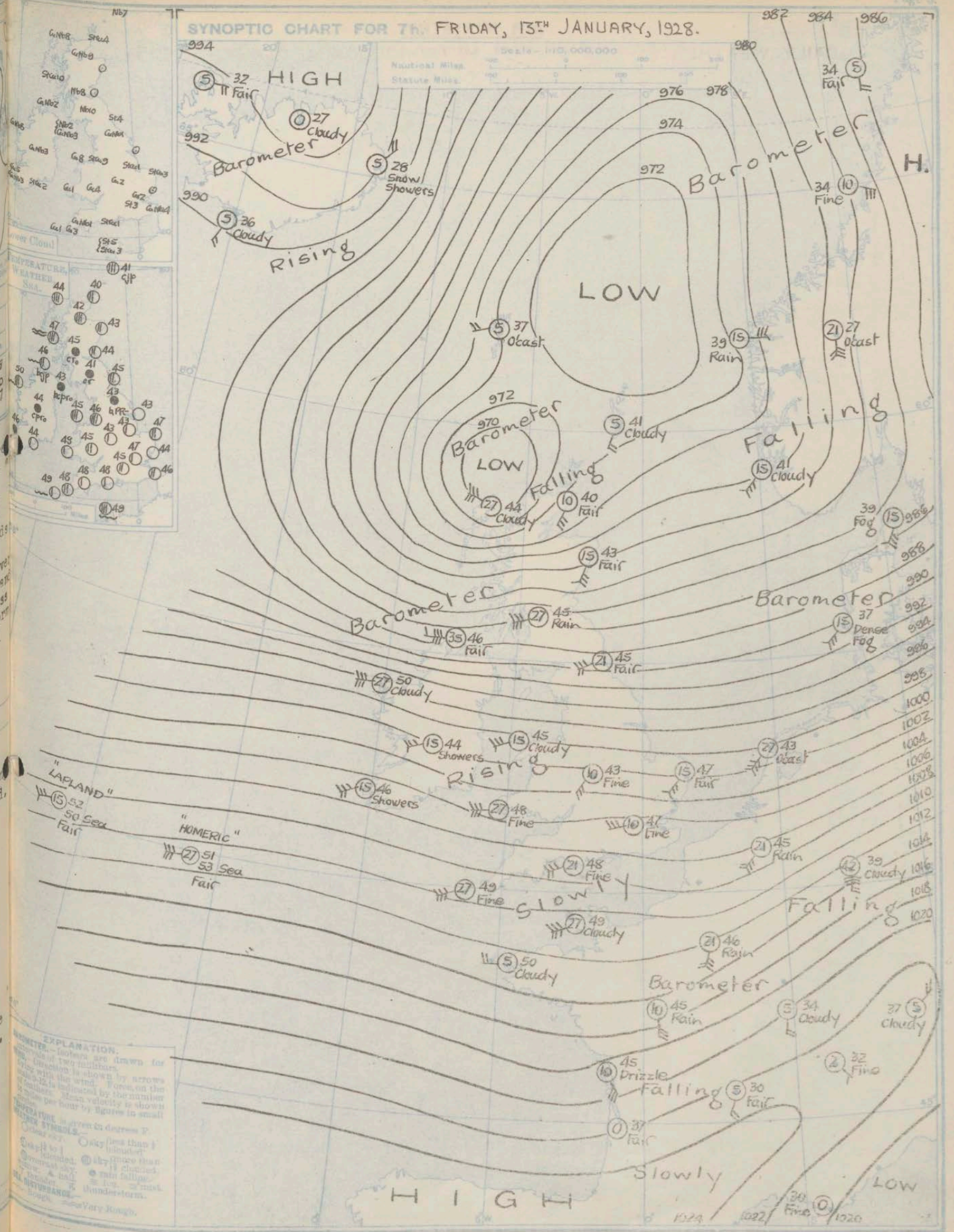
GENERAL INFERENCE.

A depression with centre to the north of the Shetlands near the Hebrides will move eastwards and a ridge of high pressure approach the British Isles from the Atlantic. Winds will be westerly and weather mainly bright. Showers, however, will occur in most districts and a narrow rain belt sweep across the country during today. Stormy and unsettled conditions will probably spread in from the Atlantic tomorrow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 13th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Westerly winds, moderate today, backing and probably freshening tomorrow; bright intervals, local showers; mild by day, ground frost locally at night.	Continuing unsettled.
5. S.W. England 6. South Wales 7. North Wales ▼	West winds, moderate to strong today, backing and freshening tomorrow: bright intervals and local showers at first, some rain later; moderate temperature.	
8. N.W. England ▼ 9. N. Midlands 10. N.E. England ▼	Moderate to strong westerly winds, backing and freshening tomorrow; bright intervals and local showers; perhaps rain later in period; moderate temperature, ground frost locally at night.	
11. S.E. Scotland ▼	As 1 - 4.	
12. S.W. Scotland & Isle of Man ▼ 13. A. W. Scotland ▼ B. N.W. Scotland ▼ 14. Mid-Scotland	Westerly winds, moderate to strong, backing and probably freshening to gale force again tomorrow; showers and bright intervals; cloudy, and rain later; moderate temperature, ground frost locally at night.	▼ South Cone still flying.
15. N.E. Scotland ▼ 16. Orkneys and Shetlands ▼	Variable to northwesterly winds, light to fresh or strong, backing south later; intermittent rain; moderate temperature.	
17. N.W. Ireland ▼ 18. N.E. Ireland ▼	As 10 - 14.	
19. S.E. Ireland 20. S.W. Ireland	As 5 - 7.	

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.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday, 13th January.....1928. No.....13...

Stations	Height above M.S.L. in feet	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	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	974.0	-4	SSE	2	c	45	97	7	5700	StCu	5	ASt	10	972.5	0	SSW	2	c|p	41	92	8	4000	Nb	7	ASt	10	.
Stornoway	30	978.4	-1	SW	4	c|PR	*	*	6	*	*	*	*	9	970.0	-7	WNW	6	c|r	44	97	7	4000	CuNb	8	-	8	5
Wick	81	979.1	-2	SSW	3	bc	~~40~~ 41	97	8	2500	StCu	3	CiSt	5	975.2	-4	SSW	3	bc	40	97	8	2500	StCu	4	CiSt	6	0
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	980.3	0	SSW	7	c	47	75	7	1500	StCu	10	-	10	8
Nairn	33	*	*	*	*	*	*	*	*	*	*	*	*	*	975.1	*	WSW	4	c|r	42	85	8	1500	CuNb	9	-	9	.
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	978.8	-3	SSW	4	bc-	43	75	8	-	-	0	ACu	3	0
Malin Head	51	985.9	-1	SW	7	cr	44	92	6	4000	Nb	6	ASt	10	986.9	+2	W	7	bc|p	46	85	7	5700	CuNb	2	ACu	3	7
Renfrew	30	*	*	*	*	*	*	*	*	*	*	*	*	*	986.1	-1	WSW	6	cr.	45	75	7	1500	Nb	8	ASt	10	.
wl. Edinburgh (Inchkeith)	190	984.8	+1	~~S~~W	5	cr	44	85	8	800	Nb	9	-	9	983.0	-2	WSW	6	bc	44	85	8	-	-	0	ACu	5	3
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	981.6	-2	SW	6	bc	43	75	8	2500	StCu	2	ACu	3	.
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	988.9	0	SW	6	or	41	85	7	1500	Nb	10	-	10	.
Tynemouth	67	989.0	0	WSW	5	bc	48	75	7	1500	Cu	3	-	3	988.7	0	WSW	5	bc	45	75	7	800	St	4	-	4	2
Blacksod Point ..	18	991.8	+1	W	6	bc	48	85	7	*	CuNb	6	-	6	996.1	+3	W	6	c	50	75	7	*	CuNb	8	-	8	7
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	991.7	+2	WNW	6	bc|pr.	43	85	8	2500	CuNb	5	-	5	4
Birr Castle	175	*	*	*	*	*	*	*	*	*	*	*	*	*	999.6	*	W	4	c|pr.	44	85	7	1500	CuNb	3	ASt	8	.
Holyhead	26	996.4	+1	SW'W	5	C+	46	92	7	-	-	0	ACu	9	998.3	+2	WSW	4	c-	45	85	6	4000	Cu	8	-	8	4
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	997.1	+1	WSW	6	c-	46	65	7	2500	StCu	9	-	9	.
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	998.3	+3	WSW	4	bc+	45	75	7	2500	StCu	7	-	7	.
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	994.6	0	WSW	6	b|PR-	43	85	7	2500	CuNb	1	-	1	.
Spurn Head	29	994.2	-2	WSW	5	c-	49	85	7	4000	CuNb	5	ACu	8	994.7	0	WSW	6	b	43	85	7	-	-	0	-	0	4
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1001.7	+3	SW	3	b-	43	75	8	2500	Cu	2	-	2	.
Cranwell	238	997.1	-1	SW	5	c-	49	97	7	2500	StCu	6	ASt	8	999.0	+3	SW'S	5	b-	43	85	7	4000	StCu	1	-	1	.
Gorleston	14	999.0	-4	SW'S	5	or.r.	47	92	6	800	Nb	10	-	10	999.3	+1	SW	4	bc+	47	85	6	4000	StCu	3	-	3	1
Valentia (Cahirciveen)‖	30	1001.7	+3	W'S	5	bc	47	92	8	*	CuNb	5	-	5	1005.8	+2	WSW	5	c|pr.	46	85	7	1500	Cu	8	-	8	6
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.2	+3	NW	3	b	44	97	8	1500	StCu	2	-	2	4
Pembroke (St. Ann's H.)	150	1000.4	+1	SW'W	8	bc-	49	85	7	2500	Cu	4	-	4	1003.2	+3	W	6	b	48	85	8	2500	Cu	1	ASt	1	4
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.1	+3	W'S	3	bc	45	75	8	4000	Cu	4	-	4	.
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.3	+3	SW'W	3	b	41	92	8	4000	Cu	1	-	1	.
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.6	+3	WSW	4	b	45	85	7	2500	StCu	2	-	2	.
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.8	+2	WSW	4	bc	45	85	8	1500	St	3	-	3	.
London (Kew Obsy.) ...	18	*	*	*	*	*	5~~4~~	*	*	*	*	*	*	*	1004.4	+3	WSW	3	b-	47	85	7	2500	Cu	2	-	2	.
Croydon	244	1002.7	-3	SW'S	4	crr	49	97	8	800	Nb	6	ASt	10	1004.9	+3	WSW	3	bc+	46	85	7	2500	StCu	6	-	6	.
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.6	+1	SW	3	bc r.	47	85	6	2500	StCu	6	-	6	3
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.4	+3	SW	4	b	44	92	7	-	-	0	-	0	3
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1002.5	+1	SW	5	bc	47	85	7	4000	StCu	4	-	4	.
Lympne	350	1004.6	-4	SSW	7	orr	45	97	7	800	Nb	10	-	10	1004.6	+2	SW	4	bc	44	97	7	1500	St	2	ASt	3	.
Scilly (St. Mary's) ...	163	1006.2	0	W'S	6	b	50	97	7	-	-	0	-	0	1009.6	+3	W'S	6	b	49	85	7	4000	Cu	1	-	1	6
Falmouth (Pendennis)	200	1006.1	+2	WNW	5	bc-	50	92	7	4000	StCu	5	-	5	1008.9	+2	WSW	4	bc	48	75	8	4000	Cu	3	-	3	2
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.4	+3	W	5	b	48	75	8	2500	CuNb	1	-	1	3
Portland Bill	52	1003.8	+1	SW	6	c|r	49	97	6	1500	St	10	-	10	1006.8	+5	WSW	5	b	48	85	6	2500	StCu	1	-	1	5
Southampton (Calshot)	10	1004.1	-3	WSW	6	orr	49	97	7	800	Nb	10	-	10	1006.5	+4	W	4	b-	46	85	7	1500	St	1	-	1	5
1000' Dungeness	20	1003.7	-5	SW	8	orr	47	97	6	~~450~~	Nb	10	-	10	1004.8	+4	WSW	5	bc-	46	97	7	1500	CuNb	4	-	4	5
Guernsey (Fort George) ‖	295	1009.0	-4	SW	4	OR	50	92	4	800	Nb	10	-	10	1010.1	+2	W'S	6	c	49	92	7	1500	St	8	-	8	6

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

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	o	c	34	50	-	-	0.4
Douglas (I. o. M.) ...	op	op	35	49	8	3	0.0
Llandudno ...	or	or	39	53	Trace	6	0.0
Colwyn Bay ...	bbco	or orr	38	51	-	6	0.0
Rhyl							
Wallasey	cp.	irCR	34	52	-	2	0.0
Southport	or	orr	*35	49	1	6	0.0
Blackpool	or	orr	37	47	3	11	0.0
Ilkley	or	oro	32	48	1	4	0.0
Cleethorpes	ro	o	33	46	0.2	1	0.0
Skegness	bbcopr	opr	32	45	-	2	0.0
Aberystwyth ...	crr	rr	39	49	1	5	0.0
Bath	cr	rr	32	50	-	4	0.0
Cheltenham‖ ...	cd.	q|cd.	33	49	Trace	Trace	0.0
Leamington Spa ...	or	or	31	48	0.1	0.3	0.0
Lowestoft	c	c.cr	31	43	-	1	0.0
Felixstowe	cm	xmp	32	42	Trace	1	0.1
Harwich & Dovercourt	bcc	o cr	30	44	Trace	1	0.0
Southend	oc	oc ir.	32	44	-	0.3	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	orr	orr	38	51	-	9	0.0
Bude	or	orr	34	51	-	8	0.0
Penzance	corr	orr	38	51	-	7	0.0
Paignton	o. orr	q orm	31	50	-	3	0.0
Torquay	ojp	orrq	35	50	-	7	0.0
Jersey	bc	c	37	51	-	-	1.3
Weymouth	c. cp	rp op	30	49	0.1	2	0.0
Bournemouth ...	or	orr	35	48	-	2	0.0
Ventnor ...	c(r)	ou.r(c)	35	45	Trace	1	0.0
Portsmouth (S'thsea)	o	or.	31	47	-	0.4	0.0
Bognor	o oro	or	33	46	0.3	1	0.0
Littlehampton ...	c	c cr	31	46	0.1	0.6	0.0
Worthing	c	cir	28	46	-	1	0.0
Brighton	op o	od	?	46	-	0.2	0.0
Eastbourne‖	or.	or.	34	47	0.1	Trace	0.0
Hastings‖	xco	opro	33	45	0.3	0.4	0.0
Folkestone	cmc	cmir.	32	44	-	Trace	0.0
Dover	co	oro	33	45	-	0.2	0.0
Tunbridge Wells ...	o odo	o od	29	45	-	0.3	0.0
Ramsgate	cpo	o	33	45	Trace	0.2	0.0
Margate	bt	bccrc	33	45	-	0.2	0.0
Deal	co	od. o	32	44	-	Trace	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. ‖ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24159. Saturday, 14th January, 1928.

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	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	9743	+2	SW	1	c	42	85	8	4000	Cu	5	asc	8	•
Stornoway	980·1	+8	W	3	c|pr	45	97	7	4000	CuNb	8	-	8	•
Wick	9789	+4	W	2	bc	~~46~~ 41	97	8	1500	CuNb	5	CiSc	7	•
Tiree	9851	+2	W	8	c|p	47	92	7	1500	CuNb	8	-	8	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	9796	+3	WSW	4	bc	46	75	8	2500	ScCu	2	Ci	3	2
Malin Head	9922	+5	W	8	cr	47	85	7	4000	Nb	7	aCu	9	•
Renfrew	987·3	+1	WSW	7	cr	45	85	6	1500	Nb	9	-	9	2
Edinburgh (Inchkeith)	9826	0	WSW	7	bc	45	85	8	4000	Cu	5	-	5	•
Leuchars	982·3	+1	WSW	6	bc+	46	75	8	1500	ScCu	5	aCu	6	2
Eskdalemuir	9896	+1	SW	6	o|p	42	75	7	1500	Sc	10	-	10	2
Tynemouth	9886	+4	WSW	7	bc	48	75	7	1500	Cu	4	-	4	•
Blacksod Point	1001·4	+4	W	6	c	49	75	7	*	CuNb	10	-	10	•
Donaghadee	994·7	+3	W	7	bc-	46	75	7	2500	Cu	4	-	4	•
Birr Castle	1003·6	•	W	3	c|pr	47	65	7	1500	CuNb	8	-	8	•
Holyhead	1001·6	+2	W'S	6	bc	47	65	6	2500	Cu	2	CiSc	4	2
Liverpool (Bidston)	999·0	+1	W'S	7	b|p	46	65	7	1500	Nb	<1	aCu	1	•
Chester (Sealand)	1000·2	+1	W	4	b	49	55	8	2500	Cu	<1	aCu	1	1
Harrogate	995·8	+2	WSW	7	c|pr	44	75	7	2500	CuNb	9	-	9	•
Spurn Head	995·7	0	W	7	bc+	45	75	7	4000	Cu	7	-	7	•
Birmingham (Edgbaston)	1003·1	+1	WSW	5	bc	46	65	8	2500	Nb	6	-	6	2
Cranwell	999·6	0	WSW	6	b	47	75	7	2500	Cu	1	aCu	2	1
Gorleston	1000·6	+2	WSW	4	bc	47	75	7	-	-	0	CiCu	7	•
Valentia (Cahirciveen)	1009·5	+3	W'S	4	c	48	75	8	2500	Sc	8	-	8	2
Roches Point	1008·1	+2	NW	3	b	47	85	9	2500	Cu	2	-	2	•
Pembroke (St. Ann's H.)	1005·7	0	W'N	6	bc+	48	85	7	2500	Cu	4	aCu	5	•
Ross-on-Wye	1005·1	+1	W	5	bc	48	85	8	4000	Cu	7	-	7	1
Leafield	1004·8	0	W'S	4	bc	45	75	8	4000	Cu	4	aCu	6	2
Winchester (Worthy Dn.)	1006·8	0	WSW	4	c	48	65	8	2500	ScCu	9	-	9	1
S. Farnborough	1006·3	0	W	4	c+	48	75	8	2500	ScCu	8	aCu	9	2
London (Kew Obsy.)	1005·3	-2	WSW	4	c	48	65	8	1500	Cu	4	aCu	8	2
Croydon	1005·9	+1	WSW	4	c+	48	75	6	1500	Sc	8	-	8	1
Shoeburyness	1004·8	+1	WSW	5	bc+	49	75	6	-	-	0	CiCu	7	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1003·6	-1	SW	4	bc	48	65	7	-	-	0	Ci	6	1
Lympne	1006·6	0	SW'W	5	bc+	47	85	8	2500	Cu	7	-	7	2
Scilly (St. Mary's)	1012·0	+3	W	6	b	50	75	7	4000	Cu	1	-	1	•
Falmouth (Pendennis)	1010·7	+1	W	6	bc|pr	50	75	8	4000	CuNb	6	-	6	•
Plymouth (Cattewater)	1010·3	+1	WNW	5	bc+	49	65	8	2500	CuNb	7	Ci	7	2
Portland Bill	1008·8	+1	W	5	bc|pr	45	85	6	2500	CuNb	2	aCu	3	•
Southampton (Calshot)	1007·7	0	W	5	bc+	50	65	7	4000	Cu	5	aCu	6	1
Dungeness	1006·7	0	WSW	4	bc+	47	85	8	1500	Cu	5	aCu	7	•
Guernsey (Fort George)	1012·3	0	W	6	b	50	75	8	2500	CuNb	1	Ci	2	•

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

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	9809	+8	SW	1	bc	42	92	8	4000	Cu	4	asc	6	•
Stornoway	990·0	+10	NW	4	c|pr	44	85	7	4000	Nb	8	-	8	3
Wick	986·4	+12	WNW	3	c|pr	40	97	8	1500	CuNb	6	CiSc	8	0
Tiree	995·2	+9	W	6	bc	46	85	8	2500	Cu	3	-	3	6
Nairn	989·4	•	W	1	bc	43	85	8	4000	CuNb	6	-	6	•
Aberdeen	987·0	+9	WNW	5	bc|pr	45	75	8	1500	ScCu	7	-	7	3
Malin Head	999·1	+9	W	6	bc|pr	47	85	7	4000	CuNb	7	-	7	7
Renfrew	993·8	+9	W'N	4	bc|r	45	85	8	2500	Cu	5	-	5	•
Edinburgh (Inchkeith)	988·0	+6	WSW	6	b	45	85	8	1500	Sc	1	-	1	3
Leuchars	989·1	+10	W	4	b	44	75	8	2500	ScCu	1	-	1	•
Eskdalemuir	992·8	+5	W	7	bc|r	44	85	7	1500	Nb	5	-	5	•
Tynemouth	991·2	+6	WSW	6	bc|r	45	92	7	1500	Cu	4	-	4	2
Blacksod Point	1005·5	+3	W	4	bc	46	75	7	•	CuNb	5	-	5	6
Donaghadee	1000·2	+6	W	7	bc-	45	75	7	2500	Cu	4	-	4	4
Birr Castle	1007·2	•	W	3	bc|pr	44	75	8	1500	Cu	5	-	5	•
Holyhead	1004·8	+4	W	6	b	46	75	7	1500	Sc	1	-	1	5
Liverpool (Bidston)	1001·4	+3	W'S	7	b-	45	65	8	2500	Sc	1	-	1	•
Chester (Sealand)	1002·9	+5	W	6	b	47	55	8	4000	ScCu	1	-	1	•
Harrogate	997·6	+3	SW	7	bcr	43	92	7	2500	CuNb	3	-	3	•
Spurn Head	997·2	+2	WSW	6	c+	45	75	7	4000	Nb	9	-	9	4
Birmingham (Edgbaston)	1005·3	+3	SW	4	b	43	75	8	2500	Cu	1	-	1	•
Cranwell	1001·4	+2	SW'W	5	b	43	75	7	2500	ScCu	2	-	2	•
Gorleston	1001·6	+2	WSW	3	b	45	75	8	-	-	0	-	0	1
Valentia (Cahirciveen)	1010·7	+1	W'S	3	bc	48	75	8	1500	Sc	7	-	7	5
Roches Point	1010·8	+3	NW	3	bc	46	92	8	1500	ScCu	3	-	3	1
Pembroke (St. Ann's H.)	1009·6	+4	W'N	6	c+	48	85	8	2500	Cu	8	-	8	4
Ross-on-Wye	1007·2	+3	W'S	4	b-	44	75	8	4000	ScCu	1	-	1	•
Leafield	1006·8	+1	W'S	4	b	40	85	8	4000	ScCu	1	-	1	•
Winchester (Worthy Dn.)	1009·2	+3	WSW	4	b-	44	85	8	4000	Cu	2	-	2	•
S. Farnborough	1008·1	+3	W	4	b	43	75	8	-	-	0	-	0	•
London (Kew Obsy.)	1007·1	+2	WSW	4	b	45	75	8	-	-	0	-	0	•
Croydon	1007·2	+2	WSW	4	b	44	85	7	-	-	0	-	0	•
Shoeburyness	1006·2	+3	WSW	5	b	44	75	7	4000	Sc	1	-	1	2
Clacton-on-Sea	1005·2	+2	W	4	b	44	85	6	4000	Cu	2	-	2	
Felixstowe	1005·2	+2	SW	4	b	45	75	7	-	-	0	-	0	4
Lympne	1007·9	+3	SW'W	4	b	41	92	6	-	-	0	-	0	•
Scilly (St. Mary's)	1013·7	+2	W	5	b-	48	85	7	4000	Cu	1	-	1	6
Falmouth (Pendennis)	1013·6	+3	WNW	4	bc-	47	85	8	4000	CuNb	4	-	4	2
Plymouth (Cattewater)	1012·4	+2	WNW	4	b	46	85	7	4000	Cu	1	-	1	1
Portland Bill	1010·1	+1	W'S	5	b	47	75	8	2500	ScCu	1	-	1	5
Southampton (Calshot)	1010·2	+4	W'S	3	b	44	75	8	4000	Cu	2	-	2	0
Dungeness	1007·8	0	WSW	4	b-	44	85	7	-	-	0	-	0	4
Guernsey (Fort George)	1013·9	+1	WNW	3	b	47	75	7	4000	Cu	1	-	1	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 9h.
Kew													
Croydon } 24 hours ended 7h.	18	bm,c	bc	bwcw	49	40	33	-	Tr.	3·6	•	•	5
Greenwich (Royal Obsy.)	244	bc,c	cz,b	b,c	49	40	36	-	-	4·0	•	•	6
City (Bunhill Row)	149	bbcc	cbcb	bwc	49	40	33	-	-	3·4	69	88	4
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	1·5	•	•	•
Regent's Pk. (Botanic Gdns.)	27	•	•	•	50	40	~~27~~ (31)	-	-	3·1	68	84	•
Camden Square	168	•	•	•	•	•	•	•	•	2·5	•	•	•
Kensington Palace	116	bc	cb	•	48	40	35	-	-	•	•	91	•
Hampstead Observatory	80	bbc	bc	•	49	40	?	-	-	•	(At 18h) 69	91	•
	450	•	•	•	47	36	27	-	Tr.	2·9	•	93	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time.
0·8	9h. 15m.	<0·3	4h. 14m.

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 13th 17h. 15m. to 14th 7h. 0m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13 45	10 46	78
δ Ursæ Minoris	13 45	10 28	76

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 January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8·1	12·2	16·3
	8·1	12·2	16·4
Greenwich	8·3	12·9	16·16
	8·2	12·9	16·17
Wick	8·55	12·21	15·48
	8·54	12·22	15·50
Valentia	8·46	12·50	16·54
	8·45	12·50	16·55

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 "sandwich" 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.

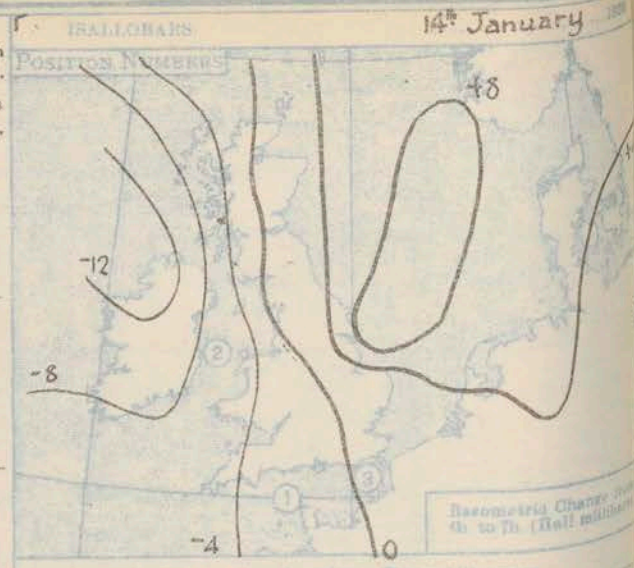
	Objects not visible at 65 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	3¼ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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. 13th	13h.-18h. 13th	18h. 13th to 1h. 14th	1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 13th Hours
Lerwick	c	cbr bc	bc b	b	43	36	•	Trace	15.30	-	-	1·1
Stornoway	b	b	b bc	c	45	33	•	2	-	-	-	1·1
Wick	r bc	cbr	r rc	c	(46)	34	•	2	18.00	1	22.00	•
Tiree	br co	br bc	br bc	coq r	48	37	30	2	18.00	2	21.00	0·8
Nairn	br qbc	bc	bcq	bc	44	40	•	2	18.00	-	-	1·5
Aberdeen	bcq	bcq	b	c	47	40	34	Trace	17.30	-	-	3·3
Malin Head	bcq cq	cbr	bcbr	bccoR	48	40		1	18.00	11	21.00	0·0
Renfrew	cr rq	orrcq bc	bcq bc	bccom	47	42	39	4	18.00	-	-	0·0
Edinburgh (Inchkeith)	bq	bq	q bcb	bbcc	46	41	39	2	18.00	-	-	1·5
Leuchars	bcbq	cbq b	b	b c	47	35	32	0·4	9.00	-	-	2·8
Eskdalemuir	obrcobr	orrmbcq	bcqbr	bbcc	44	37	36	1·2	18.00	0·2	21.00	0·0
Tynemouth	bcq	bcbq	bcq	bq	48	41	35	0·1	15.30	-	-	•
Blacksod Point ...	bq bo	bcbc	bc	Rgor	49	44	•	1	-	11	x	•
Donaghadee	bcbr	bcbr	bcc	corr	47	38	•	0·2	?	1	4.30	•
Birr Castle	cbr	bcbr	cid	cid c	47	37	29	0·3	18.00	0·1	-	2·7
Holyhead	cbcm	bczb	bbcq	cm	48	42	39	-	-	-	-	3·4
Liverpool (Bidston) ...	bcbq	bcQc	Qcbw	bq bcc	46	40	33	-	-	-	-	4·7
Chester (Sealand) ...	bcby	by	b	bbc	50	39	35	-	-	-	-	4·7
Harrogate	bbccbq	cbcq b	bccbbq	bcc	45	40	37	1	18.00	Trace	21.00	2·3
Spurn Head	bbc	c	bbc	b bc	47	40	•	-	-	-	-	2·7
Birmingham (Edgbaston)	bbc	bcb	b	bbcc	46	37	35	-	-	-	-	1·7
Cranwell	b bc	bccb	bbc	cbc	48	38	36	-	-	-	-	4·9
Gorleston	bcq	bcbq	bq	bq bc	48	39	36	-	-	-	-	3·5
Valentia (Cahirciveen)	cb bc	cb bc	bcbr	r oir	49	44	40	1	18.00	6	24.00	3·9
Roches Point	bv	bcb	bc	codd	48	43	•	Trace	14.30	2	2.30	•
Pembroke (St. Ann's H.)	b	bcq	bcb	bcc	49	46	•	-	-	-	-	3·7
Ross-on-Wye	acbbcc	bc	bbcb	bcc	49	40	35	-	-	-	-	3·1
Leafield	bc	bcb	bw	bbc	47	36	31	0·1	14.30	-	-	5·3
Winchester (Worthy Dn.)	bcc	cbcb	bbc	bcc	49	38	35	-	-	-	-	4·3
S Farnborough ...	bcbbcc	cb	bw	bwbc	49	38	34	-	-	Trace	-	4·7
London (Kew Obsy.) ...	bm c	bc	b	bwcw	49	40	33	-	-	Trace	-	3·6
Croydon	bcz	czb	b	b c	49	40	36	-	-	-	-	4·0
Shoeburyness	bbc	b	bcm	cor	49	37	35	-	-	Trace	24.00	3·5
Clacton-on-Sea ...	bbc	bccb	b	bbc	48	39	33	-	-	-	-	4·1
Felixstowe	bcbbc	bcb	b	bbcw	49	39	36	-	-	-	-	5·1
Lympne	bbc	cbcbm	bm b	bbcc	47	36	33	-	-	-	-	4·7
Scilly (St. Mary's) ...	b bc	bbcb	b	bbcc	50	47	•	-	-	-	-	6·0
Falmouth (Pendennis)	bcbrq	bcbrq	bqb	bccq	51	45	•	1	18.00	Trace	21.00	4·8
Plymouth (Cattewater)	bbcq	cqrbq	bbc	bcwc	50	46	40	0·3	11.00	-	-	4·3
Portland Bill	bcbz	bcb	b	bcc	49	45	•	Trace	12.30	-	-	•
Southampton (Calshot)	bbc	b bc	b	bwbc	50	40	38	Trace	15.30	Trace	-	6·2
Pungenessb	bccbc	bcb	b	bbcc	47	41	•	-	-	-	-	•
Guernsey	procbq	bq	b	bbcwl	50	44	•	0·1	18.00	-	-	6·7



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2.	13th 10h	Hibernia	W	6	c	47	47
3.	14th 2h	Brighton	W	5	bc	41	46

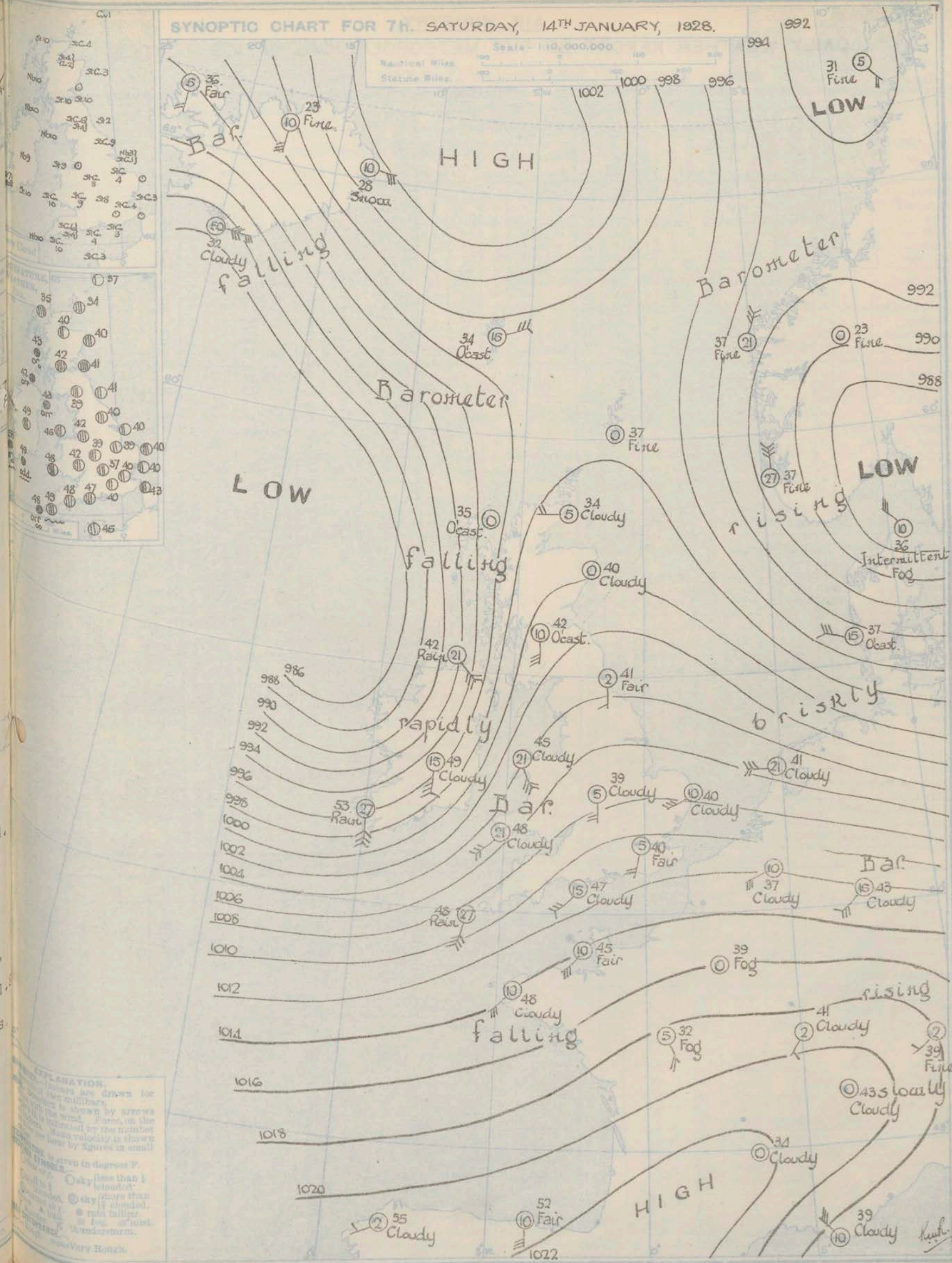
GENERAL INFERENCE.

A ridge of high pressure over eastern districts will move eastwards and be followed by a deep depression from the Atlantic. Mild, stormy and unsettled conditions will soon spread over the country, winds from southwest reaching gale force and rain occurring in most places.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 14th January, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands	Southwesterly winds, moderate to strong, approaching a gale in exposed places; cloudy to dull and rainy; mild.	Stormy and unsettled but some bright intervals; mild.
5. S.W. England ↓ 6. South Wales ↓ 7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands 10. N.E. England ↓	Southwesterly winds, strong to gale at times; cloudy, some rain, probably improving later: mild.	↓ South Cone hoisted in districts 1, 2, 5, 6, 19 and 20 at 19h. 13.1. Still flying other districts.
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 ↓	Southerly to southwesterly winds, strong to gale at times; cloudy, some rain; mild.	
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	As 5 - 10.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0945 G.M.T. G. C. SIMPSON, F.R.S., Director.

† 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, 14th January......1928. No. 14....

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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	992.1	+6	W'N	2	b	39	92	8	4000	Cu	2	-	2
Stornoway	30	1000.0	+7	NW	3	b-	*	*	8	*	*	*	*	2
Wick	81	994.6	+6	WNW	2	c	39	97	8	1500	Nb	8	Ci.St	10
Tiree	32	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	61	1002.8	+2	SSW	2	bc/r	43	92	7	5700	St.Cu	3	A.Cu	4
Renfrew	90	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	997.5	+9	W	5	b	43	75	8	-	-	0	C.Cu	1
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	87	998.6	+3	WSW	4	bc	44	85	7	1500	Cu	3	-	3
Blacksod Point ...	18	1001.3	-2	W	4	bc	47	85	7	*	CuNb	5	-	5
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1007.8	+1	W'S	5	bc	44	85	6	1500	St	1	A.Cu	3
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	476	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	39	1001.8	+8	W	7	b	43	85	7	-	-	0	-	0
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1006.2	+4	WSW	5	c+	42	75	8	2500	St.Cu	9	-	9
Gorleston	14	1004.3	+2	W'S	4	b	42	65	7	-	-	0	-	0
Valentia (Cahirciveen) ₣	30	1007.7	(-4)	SSW	2	od+	49	92	6	-	St	10	-	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	160	1010.2	0	W'N	4	b	47	97	8	-	-	0	*	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	512	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	41	*	*	*	*	*	*	*
Croydon	244	1010.5	+2	WSW	4	b	41	85	8	-	-	0	-	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1010.9	+2	SW	4	b	38	92	7	-	-	0	-	0
Scilly (St. Mary's) ...	163	1013.7	-3	SW	4	b	48	92	7	-	-	0	-	0
Falmouth (Pendennis)	200	1013.7	0	W	3	bc+	46	85	8	4500	CuNb	3	-	3
Plymouth (Cattewater)	83	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1012.5	+1	WSW	5	b	47	85	8	4000	Cu	1	-	1
Southampton (Calshot)	10	1012.5	+2	W'S	4	b+	42	92	8	4000	Cu	1	-	1
Dungeness	20	1010.5	+3	W	4	b	43	92	8	-	-	0	-	0
Guernsey (Fort George) ₣	295	1016.8	0	WSW	1	b-	45	85	7	-	-	0	-	0

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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	997.0	+4	-	0	b	37	92	8	4000	Cu	1	-	1	·
Stornoway	995.3	-4	-	0	o+	35	97	7	2500	St	10	-	10	0
Wick	998.9	+2	W	2	c≡	34	97	8	2500	St.Cu	4	Ci.St	8	0
Tiree	994.9	-9	SE'S	6	or	43	85	6	800	Nb	10	-	10	4
Nairn	999.0	*	-	0	bz	40	85	8	1500	St	6	-	6	·
Aberdeen	999.7	+3	-	0	c	40	85	6	4000	St.Cu	3	A.St	10	0
Malin Head	991.8	-12	SSE	5	orr	42	97	6	4000	Nb	10	-	10	5
Renfrew	1001.1	-1	S	3	o	42	92	6	1500	St	10	-	10	·
Edinburgh (Inchkeith)	999.8	0	W	2	o+	41	92	7	800	St	10	-	10	1
Leuchars	1000.2	0	SW	2	c	38	92	8	-	-	0	A.St	10	·
Eskdalemuir	1002.3	+1	SW	3	c	39	92	7	1500	St.Cu	10	-	10	·
Tynemouth	1002.6	+2	S	1	bc+	41	85	7	1500	St	2	A.St	5	2
Blacksod Point	990.5	-4	S	6	oRR	50	97	1	*	Nb	10	—	10	7
Donaghadee	1002.0	-6	SW	2	orr	43	92	7	1500	Nb	10	-	10	2
Birr Castle	995.1	*	S	4	dd	49	92	6	1500	Nb	9	-	9	·
Holyhead	1004.2	-5	S'E	5	c	45	97	6	800	St	9	-	9	4
Liverpool (Bidston)	1005.3	-2	S	3	c+	42	75	6	-	-	0	A.St	9	·
Chester (Sealand)	1005.9	-3	S	2	c+	40	85	6	4000	St.Cu	9	-	9	·
Harrogate	1005.5	0	SW	3	c	40	85	7	5700	St.Cu	9	-	9	·
Spurn Head	1005.1	+8	W'S	4	bc	40	92	7	4000	Nb	4	-	4	3
Birmingham (Edgbaston)	1008.5	-1	S	2	c+	39	85	6	~~7200~~	St.Cu	8	-	8	·
Cranwell	1007.6	0	SW'S	3	bc	39	92	6	4000	St.Cu	4	-	4	·
Gorleston	1007.8	+3	WSW	3	c+	40	85	7	-	-	0	A.Cu	8	1
Valentia (Cahirciveen)	996.0	-7	S	6	or	53	97	6	800	St	10	-	10	6
Roches Point	1000.1	-9	SW	3	odd	49	97	6	450	St	10	-	10	6
Pembroke (St. Ann's H.)	1005.5	-5	SW'W	5	c	48	97	6	1500	St.Cu	10	-	10	4
Ross-on-Wye	1008.5	-2	SW'W	2	c	42	85	7	2500	St.Cu	9	-	9	·
Leafield	1009.9	-1	SE'S	2	c	37	97	6	450	St	8	A.Cu	9	·
Winchester (Worthy Dn.)	1011.4	-1	S'E	1	c≡	40	97	7	2500	St.Cu	9	-	9	·
S. Farnborough	1011.1	-1	SW	3	bc+	40	92	7	-	-	0	Ci.St	7	·
London (Kew Obsy.)	1011.1	-1	S'W	2	bc	40	92	6	2500	St.Cu	4	A.St	7	·
Croydon	1011.4	0	SW'S	2	c	41	85	7	-	-	0	Ci.St	9	·
Shoeburyness	1009.2	+1	WSW	2	bc-	39	92	5	4000	St	4	A.Cu	6	·
Clacton-on-Sea	1009.8	0	WSW	4	bc≡	40	92	7	4000	St.Cu	3	Ci.St	6	3
Felixstowe	1010.0	0	SW'W	3	bc	39	85	7	4000	Cu	1	A.Cu	3	1
Lympne	1011.5	0	SW	3	c	38	92	7	-	-	0	Ci	8	·
Scilly (St. Mary's)	1008.6	-6	SSW	6	orr	48	97	6	4000	Nb	10	-	10	6
Falmouth (Pendennis)	1009.7	-5	SW	6	c+	49	85	7	4000	St.Cu	10	-	10	2
Plymouth (Cattewater)	1010.3	-2	SSW	4	c+	48	92	8	4000	St.Cu	10	-	10	3
Portland Bill	1011.2	-2	SW	4	c	47	85	8	2500	St.Cu	4	A.Cu	9	4
Southampton (Calshot)	1011.5	-2	W'S	3	bc+	43	92	9	4000	St.Cu	3	A.Cu	7	0
Dungeness	1011.8	0	WSW	3	c+	43	92	8	-	-	0	A.St	8	2
Guernsey (Fort George)	1014.1	-3	WSW	3	bc+	45	92	7	4000	St.Cu	3	A.Cu	5	3

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

Stations (1)	Weather Fore-noon (2)	Weather After-noon (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	c	c	43	47	1	-	2.3
Douglas (I. o. M.) ...	b,c	b,c	42	47	1	-	4.4
Llandudno ...	cbc	cbc	45	48	4	-	2.4
Colwyn Bay ...	orcb	bbcc	45	47	4	-	2.8
Rhyl...	cbc	bc	?	49	3	-	4.3
Wallasey	b	bbcc	44	47	3	-	3.4
Southport	cbcbbc	bbccb	*44	46	5	-	3.8
Blackpool	c	bcc	43	45	4	-	2.1
Ilkley	ro	cpo	36	45	9	0.3	0.0
Cleethorpes... ...	b	bo	36	48	2	-	4.0
Skegness	bcbbc	dcbq	36	49	2	-	5.3
Aberystwyth ...	cbc	bcc	43	45	4	-	0.5
Bath	cbc	cbcb	45	49	5	-	2.4
Cheltenham‡ ...	orcbc	bcpc	44	51	5	0.3	4.7
Leamington Spa ...	bcc	bcc	38	48	4	-	4.2
Lowestoft	bc	bc	35	49	3	-	4.6
Felixstowe	b	bc	36	49	2	-	5.1
Harwich & Dovercourt	bcmbc	bc	42	49	2	-	5.2
Southend	bm₀	bcbq₀	36	49	1	-	3.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcod	oc	46	49	5	0.1	0.1
Bude	cbcb	bbcc	46	50	7	2	3.1
Penzance	·b	bbr	45	52	13	6.5	4.7
Paignton	b	bcp₀	45	52	14	1	5.2
Torquay	b	bcpb	46	51	11	0.4	4.8
Jersey	c	bm	47	52	5	0.2	3.8
Weymouth	b	cbcb	45	50	9	0.5	5.5
Bournemouth ...	b	b	43	50	17	-	6.0
Ventnor ...	r	bz	42	?	11	-	6.2
Portsmouth (S'thsea)	b	b	44	50	11	-	6.5
Bognor	b	b	41	50	7	-	6.4
Littlehampton ...	b	b	44	49	5	-	6.5
Worthing	b	bcb	43	48	7	-	5.9
Brighton	bbc	bcb	43	47	7	-	5.4
Eastbourne‡	bbc	cbcb	46	50	8		5.7
Hastings‖	b	bbcb	45	49	10	-	5.3
Folkestone	Rbcm	bc	42	50	5	-	4.1
Dover	bcb	bbccb	41	50	7	-	4.6
Tunbridge Wells ...	b	bccb	37	49	6	-	4.4
Ramsgate	b	bbcb	38	51	2	-	4.9
Margate	bc	bc	39	51	2	-	4.8
Deal	b	bbcc	37	50	5	-	5.0

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. B. 24160 Sunday 15th January 1928.

Observations at 13h. G.M.T. 14th. / Observations at 18h. 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.	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	995.5	-2	SE	1	cjp	41	85	8	4000	CuNb	5	ACu	8	•	990.4	-9	SE	~~5~~ 4	or.r₀	41	85	7	4000	Nb	10	-	10	•
Stornoway	985.0	-11	S	4	odd	42	97	6	1500	St	10	-	10	•	982.0	-2	SSW	4	c/pr₀	44	85	6	4000	CuNb	8	-	8	3
Wick	993.4	-5	SSE	4	c/pr₀	42	97	8	1500	Nb	8	ASt	10	•	986.3	-7	SSE	4	c	42	97	8	1500	Nb	8	CiSt	10	4
Tiree	987.7	-2	SSW	5	or₀	47	97	6	800	Nb	10	-	10	2	986.3	0	SW'S	6	b	45	75	6	1500	CuNb	2	-	2	4
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	985.4	•	-	0	c+	~~43~~ 41	85	7	1500	St	8	-	8	•
Aberdeen	994.6	-7	S	2	cr₀	43	92	5	1500	Nb	3	ASt	10	2	988.3	-7	SSE	3	or₀	43	92	5	1500	Nb	10	-	10	0
Malin Head	989.4	-2	SW	5	bc	49	85	6	4000	Cu	2	ACu	3	•	988.6	-1	SW	4	bjp	45	85	7	4000	CuNb	1	ACu	1	2
Renfrew	992.0	-12	SSE	3 ~~5~~	orr₀	45	92	6	800	Nb	10	-	10	2	990.4	0	W	4	b	45	85	7	4000	Cu	2	-	2	•
Edinburgh (Inchkeith)	991.9	-11	SSE	2	crr₀	41	92	8	800	St	6	ASt	10	•	988.8	-3	SW	4	b-	46	85	8	-	-	0	ACu	1	2
Leuchars	993.1	-11	ESE	3	cr-	40	97	7	1600	St	7	ASt	10	2	988.3	-4	WSW	3	br₀	41	97	7	1500	Nb	2	-	2	•
Eskdalemuir	994.2	-10	S	4	orr	41	97	6	800	Nb	10	-	10	2	991.2	-1	SWW	4	b	43	85	7	2500	Cu	1	-	1	•
Tynemouth	997.6	-4	S	2	or₀r₀	42	92	5	1600	Nb	10	-	10	•	992.0	-3	SW	1	orr₀	44	97	6	1500	Nb	10	-	10	1
Blacksod Point	990.9	+1	SW	6	bc	50	85	7	*	CuNb	7	-	7	•	990.0	-2	SW	7	c	46	65	6	•	CuNb	8	-	8	7
Donaghadee	992.9	-7	SW	3	od	47	97	7	1500	Nb	10	-	10	•	993.0	+2	W	2	bc-	45	85	8	4000	StCu	3	-	3	2
Birr Castle	993.7	•	S	4	crr₀	52	92	6	1500	Nb	9	-	9	•	994.3	•	SW	3	bcr₀	45	85	7	1500	CuNb	5	-	5	•
Holyhead	996.4	-8	SSW	5	or-	48	97	5	450	Nb	10	-	10	2	996.7	+2	SW	3	b-	46	85	6	4000	StCu	2	Ci	2	4
Liverpool (Bidston)	997.5	-8	S	4	crr₀	48	85	8	1500	Nb	9	-	9	•	996.1	+1	W'S	3	c/pr₀	47	85	7	1500	Nb	9	-	9	•
Chester (Sealand)	997.3	-10	S	4	c/r	50	75	8	1500	StCu	10	-	10	1	995.9	0	WSW	3	b-	49	85	8	2500	StCu	2	-	2	•
Harrogate	998.5	-10	SE	3	orr₀	41	92	4	<150	St	10	-	10	•	994.7	-3	SW	3	cr₀	46	97	5	4000	Nb	9	-	9	•
Spurn Head	1001.5	-5	SSW	5	c+	43	85	6	4000	Nb	9	-	9	•	995.6	-8	SSW	5	o	45	85	6	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	1001.4	-8	S	4	o/r₀	46	85	6	2600	Nb	10	-	10	2	998.4	-2	S	3	o	48	92	5	2500	Nb	10	-	10	•
Cranwell	1003.3	-7	SSE	4	cd₀	44	92	6	1500	Nb	4	ASt	10	1	998.3	-4	S'W	4	c/r	47	97	5	1500	Nb	7	ASt	10	•
Gorleston	1005.7	-2	SW	3	c	47	75	6	5700	StCu	3	ACu	8	•	1000.2	-5	S'W	5	orr	44	92	6	800	Nb	10	-	10	4
Valentia (Cahirciveen)	998.0	+1	SWW	4	bc	52	75	8	2500	StCu	4	-	4	2	997.8	0	SWW	6	bc/ph	45	75	8	2500	St	6	-	6	5
Roches Point	998.9	+1	WNW	3	b	52	85	8	1500	StCu	2	-	2	•	998.8	0	WNW	3	bc	48	97	8	1500	StCu	3	-	3	4
Pembroke (St. Ann's H.)	998.1	-6	SWW	6	orr	49	97	3	800	St	10	-	10	•	999.0	+1	WSW	5	bc-	48	92	6	-	-	0	CiSt	5	4
Ross-on-Wye	1001.9	-8	SW'S	4	or₀+	48	92	6	1600	Nb	10	-	10	1	999.1	-2	WSW	3	bc-	50	85	7	2500	Nb	2	ASt	6	•
Leafield	1003.3	-6	S'W	5	c	45	92	8	4000	StCu	7	ASt	10	2	999.4	-3	SSW	4	odd	47	97	4	450	St	10	-	10	•
Winchester (Worthy Dn.)	1006.2	-8	S'W	6	or	47	85	7	1500	Nb	10	-	10	1	1001.7	-5	S'W	5	or₀	47	97	6	450	St	10	-	10	•
S. Farnborough	1006.6	-6	SSW	6	c	48	85	7	1500	Nb	10	-	10	1	1001.4	-6	S'W	4	or+	46	97	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1006.3	-8	S	4	cr₀	48	85	6	1600	St	1	ASt	10	2	1001.4	-6	S	4	cr₀	46	92	6	800	Nb	7	ASt	10	•
Croydon	1007.4	-7	SW'S	4	c+	47	85	6	800	St	7	ASt	10	1	1002.4	-5	SSW	4	odd	46	97	5	450	Nb	10	-	10	•
Shoeburyness	1006.5	-3	SW	2	bc+	48	85	6	6700	StCu	6	-	6	•	1002.4	-3	SW	3	o	44	92	5	1500	St	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.4	-5	S	4	o	42	97	6	4000	St	10	-	10	3
Felixstowe	1008.1	-5	S	3	c+	44	92	6	-	-	0	ACu	8	1	1002.3	-7	S	6	cr₀	43	97	7	1500	StCu	10	-	10	6
Lympne	1008.7	-6	S	5	c	45	97	6	450	St	6	ACu	8	2	1004.8	-4	S	5	orr₀	43	97	2	<150	St	10	-	10	•
Scilly (St. Mary's)	1004.1	-5	SSW	5	orr₀	51	97	6	4000	Nb	10	-	10	•	1004.4	0	WSW	5	b-	49	92	7	-	-	0	Ci	1	5
Falmouth (Pendennis)	1002.7	-6	SWW	7	or-	51	97	6	1500	Nb	10	-	10	•	1003.4	+1	W'N	4	bc+	49	85	7	4000	CuNb	6	-	6	1
Plymouth (Cattewater)	1004.0	-9	SSW	6	od₀	49	97	5	450	St	10	-	10	2	1002.7	+1	WNW	3	c-	49	85	7	1500	Nb	5	Ci	9	2
Portland Bill	1005.3	-6	S'W	5	c	48	85	6	1500	St	7	ASt	10	•	1001.3	-4	SW'S	5	odd	49	97	5	800	St	10	-	10	6
Southampton (Calshot)	1007.4	-6	SSW	5	cr₀	47	85	7	1500	Nb	7	ASt	10	5	1002.0	-6	SW'S	5	orr₀	48	97	6	450	Nb	10	-	10	3
Dungeness	1008.7	-5	WSW	4	bc-	47	85	8	-	-	0	ACu	5	•	1003.8	-8	WSW	5	odd	45	97	6	800	Nb	10	-	10	4
Guernsey (Fort George)	1009.2	-8	S	4	crr₀	46	97	7	800	St	7	ASt	10	•	1005.0	-3	SW	3	orr	50	97	1	220	St	10	-	10	5

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather: Morning (24 hours ended 9h.)	Afternoon	Night	Temperature: Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % Yesterday	9h. G.M.T. % To-day	Visibility 9h.
Kew } 24 hours ended 7h.	18	cweg₀	or r₀	orr₀ bw	46	40	35	0.1	1	0.1	•	•	
Croydon }	244	e3₀	odd₀	odd m b	47	41	37	0.2	1	0.2	•	•	
Greenwich (Royal Obsy.)	149	c	c/p₀	od₀ r₀ m b	48	40	33	tr.	1	0.4	84	83	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.1	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	47	38	~~28~~ (32)	2		0.3	88	77	•
Regent's Pk. (Botanic Gdns.)	168	•	•		•	•		•	•	0.4	•	•	•
Camden Square	110			•	48	40	34	1	1	•	•	92	•
Kensington Palace	80	⊚	odr	•	48	40	*	0.3	1	•	(At 15h) 92	91	•
Hampstead Observatory	450	•	•	•						0.1	•		•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time	Min.	Time.
0.8	9h 14th	<0.3	3h 15th

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 14th 17 h. 30 m. to 15th 6 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 15	8 32	64
δ Ursae Minoris	13·15	7·57	60

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 Jan., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.1 / 8.0	12.2 / 12.3	16.4 / 16.6
Greenwich	8.2 / 8.2	12.9 / 12.8	16.17 / 16.18
Wick	8.54 / 8.52	12.22 / 12.22	15.50 / 15.52
Valentia	8.45 / 8.45	12.56 / 12.56	16.55 / 16.57

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

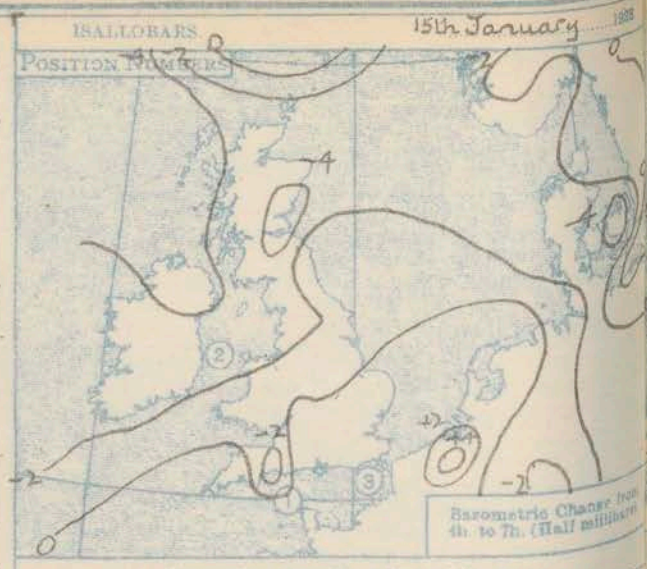
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	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.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 14th	WEATHER. 18h.-18h. 14th	WEATHER. 18h. 14th 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.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 14th Hours.
Lerwick	bbcc	corr	corr	orrcbcb	42	39	.	0·2	17.30	13	<21.00	0.0
Stornoway	r-d	p	r-d	bcorr	46	38	.	4	*	5	+	0.0
Wick	cpr.	pr rr	bbc	bbc	42	35	.	3	13.30	–	–	.
Tiree	rrm.o	~~bccc~~	pbc	pHq	49	38	35	8	<8.00	14	<21.00	0.1
Nairn	bccd	dc	cprxq	bc	43	35	.	0·4	12.30	0.6	<21.00	0.0
Aberdeen	cmfcm	rrirm	orm.b	c	43	37	31	2	12.30	0.1	<21.00	0.0
Malin Head	or.bc	bczbcir	bbcbcir	bbccir	49	38		1	<8.00	22	<21.00	2.4
Renfrew	omrrr	orrb	bbcc	or.r.	48	40	37	8	9.00	1	4.30	0.0
Edinburgh (Inchkeith)	r-d	cbcb	bbcq	bbc	47	39	36	7	<8.00	–	–	0.0
Leuchars	o,r	r.rc	bbcp	bbcc,r	44	37	32	2	11.00	0.2	<21.00	0.0
Eskdalemuir	corrm	orrmb	bbc b	bbccorm	45	36	36	15	<8.00	0.2	6.30	0.0
Tynemouth	or.r.	or.r.	oir.bc	b	44	39	33	3	11.00	–	–	.
Blacksod Point ...	cbc	pbcc	PRq	Rq bc	52	40	.	1	*	5	*	.
Donaghadee	orrid	bidbc	bq	bbbc	51	38		16	<8.00	–	–	
Birr Castle	cr.r.	cir.	cir.	cir.	52	36	31	2	<8.00	1	<21.00	1.2
Holyhead	ddrrr	rrcm.	bq	bq	49	43	40	7	<8.00	–	–	0.1
Liverpool (Bidston) ...	cprr	crr.	cp b	bbd	49	40	33	4	11.00	Trace	<21.00	0.0
Chester (Sealand) ...	cpr.r.	irbc	b	b	51	41	34	1	9.00	–	–	0.2
Harrogate	corrir.	ocrriR	cb	b	46	37	33	10	11.00	–	–	0.0
Spurn Head	b-bc	ofo	bcb	bbc	45	39		3	13.30	Trace	<21.00	0.0
Birmingham (Edgbaston)	cpr.	opr	ob	b	48	37	34	3	11.00	–	–	0.1
Cranwell	~~cd~~	cr.rc	bbc	bbc	47	38	35	0·3	12.30	–	–	0.0
Gorleston	~~c~~ bccr.	corrq	orrqoc	cbcb	47	39	36	1	15.30	1	<21.00	3.2
Valentia (Cahirciveen)	oirc	bcphq	bcbhq	co	54	41	38	3	<8.00	0·6	<21.00	4.5
Roches Point	odcbcb	bbc	bcbd	bc	52	39	.	2	<8.00	0.1	<21.00	.
Pembroke (St. Ann's H.)	orrffq	crrff	b	bbcph	50	41	.	7	9.00	2	1.30	0.4
Ross-on-Wye	cdcd	rirc	bcb	b	50	41	34	1	9.00	–	–	0.0
Leafield	bcp.	comdd	odbcb	b	47	36	31	2	12.30	0.4	<21.00	0.0
Winchester (Worthy Dn)	cmor	orrrrm	orrcbc	bcb	48	39	35	3	12.30	1	<21.00	0.0
S Farnborough ...	c	cozfrm	ordmoc	bcb	48	38	35	0·3	14.30	1	<21.00	0.1
London (Kew Obsy.) ...	cwcr.	cqr.	cqrcb	bw	48	40	35	0·1	12.30	1	<21.00	0.1
Croydon	cz.	codd	odbb	b	47	41	37	0·2	14.30	1	<21.00	0.2
Shoeburyness	com.	or.	bcr	or.	48	37	34	Trace	15.30	1	22.00	1.6
Clacton-on-Sea ...	bcc	copd	opd	obdb	44	33	35	0·4	15.30	0.6	<21.00	2.1
Felixstowe	bccm.	cmrr	crcr	bcbm.	44	33	36	0·1	15.30	0·3	<21.00	1.4
Lympne	bccm.	cmorrff	orrfbc	bcm.	46	33	36	0·2	16.30	1	<21.00	1.4
Scilly (St. Mary's) ...	orrif	omidq	b	bbcb	52	43	.	2	<8.00	0.4	2.30	0.0
Falmouth (Pendennis)	orrq	orrqbc	bcb	bbcq	52	43	.	4	9.00	–	–	0.0
Plymouth (Cattewater)	comqdd	omqdc	cb	bwbcq	51	44	38	4	9.00	Trace	–	0.0
Portland Bill	coz.	omiodd	odbq	ocb	50	46	.	1	13.30	Trace	<21.00	.
Southampton (Calshot)	bcc	ddrm	orddb	bw	48	41	38	1	13.30	1	<21.00	0.1
Dungeness	cbc	bccdd	odbbc	bcbbc	47	42	.	0·3	15.30	1	<21.00	.
Guernsey	bccrr.rq	rrddfrff	rrcbcb	bbcq	50	45	.	4	9.00	3	<21.00	0.0



Observations from Cross Channel Steamers.

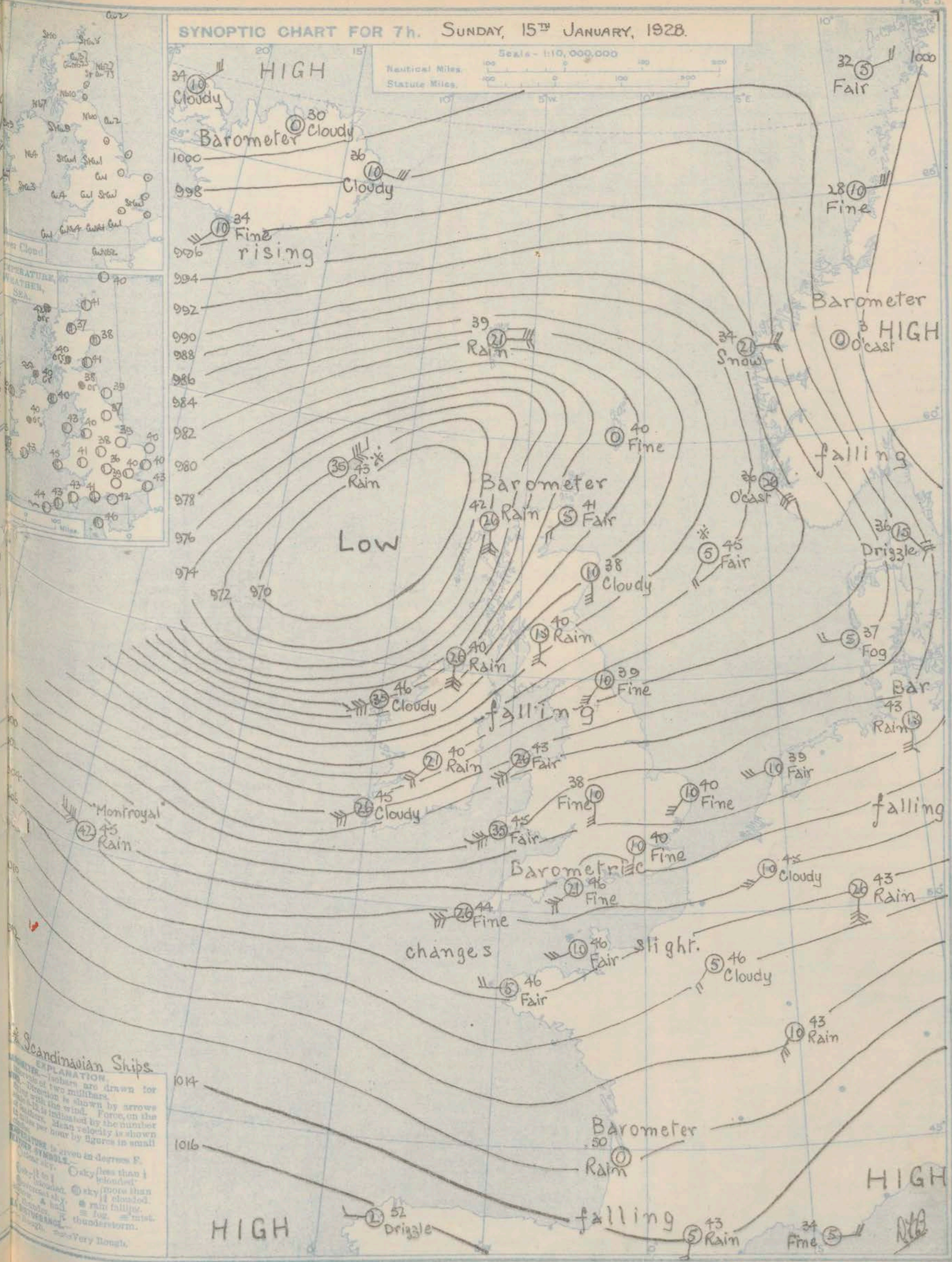
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	14th 10h.	Hibernia	S	7	rr	48	48
1	14th 12h.	Reindeer	WSW	6	R	49	50
3	15th 2h.	Dieppe	WNW	5	bc	49	47

GENERAL INFERENCE.

A depression off the Hebrides is moving north-eastward growing deeper, and associated secondaries are crossing the northern part of our Islands. A fresh depression is indicated some distance westward of Ireland. Unsettled weather will be maintained with occasional rain or showers in northern districts, but in the south to-day there will be considerable fair periods, apart from scattered showers, mainly in the West.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 15th January, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands	Wind southwest to west, moderate to fresh, strong locally at times; mainly fair, apart from a few scattered showers today, probably deteriorating again to-morrow; rather mild.	Stormy and unsettled.
5. S.W. England ↓ 6. South Wales ↓	Strong westerly winds, moderate temporarily, backing and increasing again to-morrow; fair apart from local showers, cloudy with occasional rain or showers to-morrow; rather mild.	
7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands 10. N.E. England ↓	Wind S.W. to W., fresh or strong; cloudy, some rain or showers; fair periods; rather mild or moderate temperature.	↓ South Cone still flying.
11. S.E. Scotland ↓ 12. S.W. Scotland & Isle of Man ↓ 13. A. W. Scotland ↓ B. N.W. Scotland 14. Mid-Scotland	Winds between S. and W., fresh or strong; cloudy, occasional rain or showers, fair periods later; rather mild or moderate temperature.	
15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓	Strong southerly winds; cloudy, some rain; moderate temperature.	
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Strong westerly winds, backing and increasing to gale to-morrow; variable sky, some showers, dull with rain again to-morrow; rather mild.	SCR

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1130 G.M.T. G. C. Simpson, F.R.S. Director.


SYNOPTIC CHART FOR 7h. SUNDAY, 15TH JANUARY, 1928.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
Cloudy
Barometer
Cloudy
Cloudy
Fine
rising
Fair
Fine
Barometer
HIGH
O'cast
falling
Rain
Snow
Fine
Low
Rain
Barometer
Rain
Fair
O'cast
Fair
Cloudy
Drizzle
Rain
Fog
falling
Cloudy
Fine
Bar
Rain
Rain
Fair
Fair
Cloudy
Fine
Fine
Fine
falling
"Montroyal"
Rain
Fair
Barometric
Fine
Cloudy
Rain
Fine
changes
slight.
Fair
Fair
Cloudy
Rain
Scandinavian Ships
EXPLANATION
Rain
Barometer
HIGH
Drizzle
falling
Rain
Fine
HIGH

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION... Sunday 15th January ...1928. No. 15.....

Stations	Height above M.S.L. in feet	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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	982.2	-6	SE	3	or,r.	42	97	7	4000	Nb	10	-	10	981.5	0	-	0	b	40	97	8	4000	Cu	7	-	7	5
Stornoway	30	981.3	-2	SSW	4	or	•	•	6	•	•	•	•	10	974.8	-5	S	6	prr	42	97	6	1500	St	10	-	10	-
Wick	81	983.5	-2	SW	3	bc	36	97	8	2500	StCu	4	-	4	982.1	-3	SW	3	bc	41	85	8	2500	StCu	5	-	5	-
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	974.0	-6	S	7	od.	43	97	7	800	Nb	10	-	10	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	980.3	•	-	0	bc	37	85	8	1500	St	5	-	5	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	985.1 (984.1 struck)	-3	S	3	c	38	85	8	1500	StCu	9	-	9	0
Malin Head	51	983.8	-7	S	6	br	45	85	7	4000	Nb	<1	ACu	1	978.0	-5	S	6	cr	40	97	7	4000	Nb	7	ACu	8	[illegible]
Renfrew	86	•	•	•	•	•	•	•	•	•	•	•	•	•	985.2	-3	S	4	or,r.	40	85	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	190	988.1	-1	WSW	4	b	42	85	8	-	-	0	-	0	984.6	-4	WSW	4	bc+	41	75	8	-	-	0	CiCu	3	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	984.9	-5	SW	5	c/r	40	75	8	-	-	0	CiSt	8	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	988.2	-3	SW	5	or	38	85	6	1500	Nb	10	-	10	•
Tynemouth	67	992.3	0	WSW	3	b	42	85	8	1500	St	2	-	2	990.5	-1	SW	3	b	39	85	7	1500	Cu	2	-	2	1
Blacksod Point	18	985.7	-3	SW	7	oRR	48	85	6	•	Nb	10	-	10	981.8	-3	WSW	7	c	46	75	7	•	St	9	-	9	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	987.5	-4	WSW	5	c/p	40	75	8	4000	StCu	9	-	9	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	988.8	•	WSW	5	ct.	40	85	6	1500	Nb	4	ASt	10	4
Holyhead	26	996.5	-1	WSW	6	b	44	75	7	1500	St	1	-	1	994.6	-3	SW	6	bc+	43	75	8	4000	StCu	1	Ci	3	•
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	994.4	-2	SW	4	b	40	75	7	4000	StCu	1	-	1	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	995.1	-2	SW	4	b	41	65	8	4000	StCu	1	-	1	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	994.2	-3	SW	4	b	37	75	7	-	-	0	ACu	1	•
Spurn Head	20	995.8	0	WSW	4	b	43	92	7	-	-	0	-	0	995.6	0	WSW	5	b	40	85	7	-	-	0	-	0	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	998.6	0	SSW	3	b	38	75	8	2500	Cu	1	-	1	•
Cranwell	238	998.1	+1	SW	4	b-	42	97	7	-	-	0	-	0	998.2	0	SWS	4	b	39	85	7	-	-	0	-	0	•
Gorleston	14	998.0	-1	WSW	2	c-	45	92	6	4000	StCu	8	-	8	998.9	+1	SW	3	b	40	92	6	-	-	0	-	0	5
Valentia (Cahirciveen) ‡	30	997.9	-2	SW	5	bch(r)	44	92	8	•	CuNb	4	-	4	994.4	-2	SW w	6	c	45	65	8	2500	StCu	7	ASt	10	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	997.2	-3	W	7	bc	43	92	8	1500	StCu	3	-	3	4
Pembroke (St. Ann's H.)	150	998.9	-1	WSW	6	b/PR	45	75	8	2500	Cu	2	-	2	997.7	-1	WSW	7	bc+	45	75	8	2500	Cu	4	-	4	•
Ross-on-Wye	228	•	•	•	•	•	•	•	•	•	•	•	•	•	999.6	-1	SWbyW	3	b	41	75	8	4000	Cu	1	-	1	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.4	0	SSW	3	b	36	85	8	4000	StCu	1	-	1	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.4	0	SSW	3	b	40	92	7	2500	StCu	1	-	1	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.3	0	SW	3	b	39	92	7	-	-	0	-	0	•
London (Kew Obsy.)	18	•	•	•	•	•	44	•	•	•	•	•	•	•	1001.8	0	SSW	3	b	40	92	7	-	StCu	1	-	1	•
Croydon	244	1001.8	+1	WSW	3	b/d	44	92	7	-	-	0	ASt	2	1002.4	+1	WSW	3	b-	41	85	7	5700	StCu	1	-	1	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.3	0	SW	2	b-	40	85	6	-	-	0	-	0	3
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.0	0	SSW	4	b	40	97	7	-	-	0	ACu	2	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.2	0	SSW	3	b	40	97	6	-	-	0	ACu	1	•
Lympne	350	1001.8	-3	WSW	3	bc-	44	92	6	2500	StCu	5	-	5	1003.2	+3	SW	3	bc	41	97	6	4000	StCu	2	ACu	4	•
Scilly (St. Mary's)	163	1004.4	0	W	6	bv	47	75	9	4000	Cu	2	-	2	1004.5	0	W S	6	b-	44	85	8	4000	Cu	1	-	1	•
Falmouth (Pendennis)	200	1003.7	0	W	4	b	47	85	8	-	-	0	-	0	1002.4	0	W	5	bc+	43	75	8	4000	CuNb	4	-	4	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.3	0	WSW	5	b	44	75	7	4000	CuNb	1	-	1	•
Portland Bill	32	1003.0	0	WSW	4	bc+	47	92	6	2500	StCu	4	-	4	1002.3	-2	WSW	5	b	46	75	8	2500	Cu	1	-	1	0
Southampton (Calshot)	10	1003.2	+2	W'S	3	b	44	97	8	-	-	0	-	0	1003.1	0	WSW	3	b-	42	92	7	-	-	0	-	0	•
Dungeness	20	1002.0	+3	WSW	2	bc/d	44	97	7	-	-	0	ACu	3	1002.9	+1	W	3	b-	43	97	7	-	-	0	ACu	2	•
Guernsey (Fort George) ‡	295	1006.2	-2	SW	3	bc	48	92	5	4000	StCu	4	-	4	1005.8	0	W'S	3	bc+	46	75	8	2500	CuNb	2	ACu	4	•

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

Stations (1)	Weather Fore-noon (2)	Weather After-noon (3)	Temperature Min. 9h. 13th to 9h. 14th (4) °F	Temperature Max. 9h.-17h. 14th (5) °F.	Rainfall† Night 17h.-9h. 13-14th (6) mm.	Rainfall† Day 9h.-17h. 14th (7) mm.	Sunshine Sunrise to Sunset 14th (8) hr.
Berwick-on-Tweed	oR	r.r.o	40	42	-	5	0.0
Douglas (I. o. M.)	orr	orc	39	50	3	8	0.0
Llandudno	c	rc	41	55	-	1	0.1
Colwyn Bay	cocb	bcpc	43	52	-	1	0.4
Rhyl	cr	rc	34	52	-	3	0.0
Wallasey	cp.	ciR	40	50	-	8	0.0
Southport	or	rro	*39	48	-	8	0.0
Blackpool	o	orc	40	47	-	9	0.0
Ilkley	cor	or	40	47	0.1	4	0.0
Cleethorpes	co	cro	37	46	-	3	0.3
Skegness	bbc	or	38	43	-	1	1.0
Aberystwyth	cpr.	rrc	42	48	0.3	4	0.0
Bath	cr	rcr	40	52	-	3	0.0
Cheltenham‡	cd.	opcd.	40	51	-	0.3	0.0
Leamington Spa	cr	cr	37	48	-	3	0.0
Lowestoft	b	bbccr	37	48	-	0.1	3.7
Felixstowe	bc	bccp	38	43	-	Trace	2.4
Harwich & Dovercourt	bc	oc	?	45	-	-	2.2
Southend	cbcc	cir	38	46	-	3	1.3
Ilfracombe							0.0
Bude	opr	pr bc	42	61	1	4	0.0
Penzance	orr	orcb	43	53	1	3	0.0
Paignton	owodr	od	37	52	-	3	0.0
Torquay	o	ordq	42	52	-	3	0.3
Jersey	rc	od	44	49	Trace	1	0.0
Weymouth	cop.	dd	44	50	0.1	1	0.0
Bournemouth	o	or	40	49	-	1	1.1
Ventnor	bcz	od	41	48	-	Trace	0.3
Portsmouth (S'thsea)	co	odd	42	48	-	1	1.6
Bognor	bcc	r.rr	40	47	-	2	1.8
Littlehampton	bc	cr	40	46	-	1	1.8
Worthing	bcc	or.	39	48	-	0.5	1.3
Brighton	bcco	orr	41	48	-	4	0.9
Eastbourne	co	oddrr	42	49	0.1	2	
Hastings‖	mcbcc	codrm	39	47	0.2	0.6	1.7
Folkestone	bccm	bccom	37	48	Trace	-	1.7
Dover	bc	bcco	40	47	-	-	2.2
Tunbridge Wells	oco	dro	38	48	-	0.3	0.0
Ramsgate	b bc	bcc	39	47	-	-	0.8
Margate	bc	bcc	38	48	-	-	3.0
Deal	bbc	cc	38	47	-	-	2.9

TERMS OF SUBSCRIPTION.—6/6 per quarter or 26/- 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. 24161 Monday 16th January 1928. 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	Cloud Upper Form	Cloud Total Amt. 0-10	State of Ground
Lerwick	983.5	0	S	1	bc	39	97	8	4000	Cu	3	-	3	*
Stornoway	975.1	+1	SE	5	or	43	92	6	1500	St	10	-	10	*
Wick	981.5	-1	S	4	c	43	92	8	1500	Nb	6	CiSt	8	*
Tiree	969.0	-3	S	7	ojp	45	97	6	450	Nb	10	-	10	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	982.5	-3	S'W	4	c	42	75	7	1500	St	8	ACu	9	2
Malin Head	975.1	-2	SW	7	cr	45	85	6	2500	Nb	7	ASt	10	*
Renfrew	981.0	-5	SSW	6	cjp	44	85	7	1500	Cu	8	-	8	2
Edinburgh (Inchkeith)	982.0	-3	SSW	3	c	~~(40)~~ 42	85	8	4000	Cu	4	ACu	9	*
Leuchars	982.3	-4	SSW	6	c/r	41	85	8	1500	Nb	5	-	9	2
Eskdalemuir	984.5	-4	SW	5	orr	38	97	6	800	Nb	10	-	10	2
Tynemouth	987.7	-2	SW	5	c+	43	75	6	1500	Nb	8	-	8	*
Blacksod Point	983.9	+2	W	7	bc/r	46	92	7	*	CuNb	7	-	7	*
Donaghadee	984.1	-3	WSW	5	bc/pc	45	75	8	2500	Nb	6	-	6	*
Birr Castle	988.0	*	SW	4	cr	42	75	6	1500	Nb	9	-	9	*
Holyhead	991.0	-5	SW	6	c-	45	85	7	1500	St	6	CiSt	8	2
Liverpool (Bidston)	991.9	-3	SW	6	cr	~~43~~ 42	85	8	1500	StCu	9	ASt	10	*
Chester (Sealand)	992.8	-4	SW	5	cr0r0	44	75	8	1500	Nb	4	ASt	9	1
Harrogate	991.4	-2	SSW	4	c+	41	75	6	7200	Nb	3	CiSt	9	*
Spurn Head	993.9	-4	SW	5	bc+	43	75	7	-	-	0	ACu	6	*
Birmingham (Edgbaston)	996.7	-3	SW	5	bc+	43	75	8	2500	StCu	7	-	7	2
Cranwell	996.2	-3	SSW	6	bc+	44	75	7	2500	Cu	1	Ci	7	1
Gorleston	995.1	0	SW'W	3	b	46	75	6	5700	Cu	1	-	1	*
Valentia (Cahirciveen)	994.6	0	WSW	6	c/pr0	47	85	7	1500	St	9	-	9	2
Roches Point	996.4	-2	WNW	3	c/pr	47	92	8	1500	StCu	8	-	8	*
Pembroke (St. Ann's H.)	995.8	-2	WSW	8	oRR	47	85	6	1500	St	10	-	10	*
Ross-on-Wye	997.8	-3	W'S	6	c/pr	45	75	8	4000	CuNb	7	Ci	9	2
Leafield	998.9	-3	SW	5	bc	42	85	8	4000	Cu	3	-	3	2
Winchester (Worthy Dn.)	1001.9	-2	SSW	4	bc	47	65	8	2500	Cu	3	ASt	5	1
S. Farnborough	1001.4	-2	WSW	5	bc	47	65	8	2500	Cu	3	-	3	2
London (Kew Obsy.)	1000.9	-3	SSW	4	bc	45	65	6	2500	Cu	2	CiSt	3	2
Croydon	1001.8	-2	WSW	6	bc+	46	65	7	2500	Cu	3	-	3	1
Shoeburyness	1001.8	-1	SW	3	b+	47	65	6	1500	St	2	-	2	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1001.1	-3	SSW	4	b	45	75	6	-	-	0	-	0	1
Lympne	1002.7	-2	SW	5	bc+	45	65	7	2500	Cu	3	CiSt	5	2
Scilly (St. Mary's)	1003.7	-2	WSW	7	bc	48	75	7	4000	Cu	3	Ci	4	*
Falmouth (Pendennis)	1002.9	-2	WSW	7	bc	47	75	8	4000	Cu	4	-	4	*
Plymouth (Cattewater)	1002.3	-3	WSW	7	bcjp	47	65	7	4000	CuNb	5	-	5	2
Portland Bill	1001.8	-3	WSW	6	bc	47	65	8	2500	CuNb	3	-	3	*
Southampton (Calshot)	1002.4	-2	WSW	5	bc+	46	75	8	2500	CuNb	3	-	3	2
Dungeness	1003.3	-1	WSW	3	bc+	45	85	8	1500	Cu	4	CiSt	6	*
Guernsey (Fort George)	1006.0	-1	W'S	5	bc	48	55	8	2500	CuNb	2	ACu	3	*

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	Cloud Upper Form	Cloud Total Amt. 0-10	Sea 0-9
Lerwick	985.6	+3	ESE	2	bc	40	97	8	5700	StCu	5	-	5	*
Stornoway	980.5	+9	NE	5	c/PR	42	92	6	4000	CuNb	8	-	8	4
Wick	982.2	+3	ESE	2	bc	42	97	8	2500	StCu	2	CiSt	4	0
Tiree	970.6	+2	NNW	3	bc	46	97	6	1500	CuNb	4	-	4	5
Nairn	980.9	*	SE	2	c/r	41	85	7	1500	CuNb	9	-	9	*
Aberdeen	982.4	0	SSE	3	b	42	95	6	1600	St	1	-	1	1
Malin Head	~~981.9~~ 976.9	+4	W	6	bcjp	46	92	7	4000	CuNb	2	ACu	3	7
Renfrew	973.0	-2	SSW	5	or	44	92	6	1500	Nb	10	-	10	*
Edinburgh (Inchkeith)	979.7	-2	SW	3	cd0	44	85	8	1500	Nb	7	ACu	8	1
Leuchars	980.8	-1	SE	3	cr0	41	85	7	1500	Nb	7	ASt	10	*
Eskdalemuir	981.7	-3	SW	6	or	41	92	6	1500	(Nb)	10	-	10	*
Tynemouth	986.0	-1	SW	3	c	43	85	7	1600	Nb	9	-	9	1
Blacksod Point	987.5	+3	W	8	bc	47	92	7	*	CuNb	(7)	-	(7)	8
Donaghadee	982.8	-1	WSW	5	bc/pr0	44	85	8	2600	Nb	4	ACu	6	4
Birr Castle	988.7	*	SW	4	o/pr0	45	85	7	1500	CuNb	8	-	8	*
Holyhead	989.9	-1	SWS	6	c	46	92	7	1500	St	8	-	8	5
Liverpool (Bidston)	989.1	-2	SW	5	or0+	45	85	8	1500	Nb	10	-	10	*
Chester (Sealand)	990.1	-3	SW	4	cr0	46	75	8	2500	CuNb	7	ASt	9	*
Harrogate	988.9	-3	SW'S	5	b	42	85	7	2500	Nb	1	-	1	*
Spurn Head	991.2	-2	SW'S	6	b-	42	75	8	-	-	0	ACu	1	4
Birmingham (Edgbaston)	994.7	-3	SSW	5	or0	42	85	6	2500	Nb	10	-	10	*
Cranwell	994.6	-3	SSW	5	c+	43	75	6	2500	StCu	10	-	10	*
Gorleston	998.2	-1	SSW	4	b	42	75	6	5700	StCu	1	-	1	0
Valentia (Cahirciveen)	996.6	+2	W	6	c/pr0	48	85	7	1500	St	8	-	8	6
Roches Point	995.5	+1	WNW	3	cr	46	97	8	1500	Nb	8	-	8	4
Pembroke (St. Ann's H.)	993.0	-4	WSW	8	c/PR	46	97	8	1500	StCu	8	-	8	7
Ross-on-Wye	995.3	-2	SW	4	or0r0	43	85	6	2500	Nb	10	-	10	*
Leafield	997.3	-2	SW'S	4	bc/pr0	40	85	8	4000	StCu	6	-	6	*
Winchester (Worthy Dn.)	1001.0	-1	S'W	4	bc	43	85	7	2500	StCu	3	ASt	7	*
S. Farnborough	1000.3	-1	SW	4	bc	43	75	7	2500	St	3	-	3	*
London (Kew Obsy.)	999.8	-1	SSW	4	bc	43	75	6	2500	StCu	1	CiSt	4	*
Croydon	999.8	-4	SSW	4	bc	42	85	6	-	-	0	ACu	4	*
Shoeburyness	1000.5	-1	SW	3	b	43	75	6	-	-	0	-	0	*
Clacton-on-Sea	999.9	-1	SSW	4	bc	41	85	7	2500	Cu	3	-	3	2
Felixstowe	1000.0	-2	S'W	5	b	42	85	7	-	-	0	ACu	1	4
Lympne	1002.3	-1	SSW	4	b-	40	92	6	2500	CuNb	1	-	1	*
Scilly (St. Mary's)	1002.6	0	W'S	7	bc	47	85	7	4000	Cu	5	-	5	7
Falmouth (Pendennis)	1000.9	0	W	6	c/PR	46	85	8	4000	CuNb	5	CiSt	8	4
Plymouth (Cattewater)	1001.4	-1	WSW	6	cr	46	85	7	2500	Nb	9	ASt	9	5
Portland Bill	1000.5	-1	SWW	6	c·	47	75	8	2500	St	9	-	9	5
Southampton (Calshot)	1001.4	-1	SWW	5	b	44	85	8	2500	StCu	2	Ci	2	3
Dungeness	1001.1	-2	SW	4	bc-	45	85	8	1500	Cu	4	-	4	4
Guernsey (Fort George)	1006.2	0	W'S	6	bc	46	75	8	2500	CuNb	2	ACu	3	6

LONDON OBSERVATIONS.	Height above M.S.L. in feet	Weather (24 Hours ended 9h.) Morning	Afternoon	Night	Temp. 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 9h. G.M.T. % (To-day)	Visibility §
Kew } 24 hours ended 7h.	18	bbc	bcbcr0b	bcr0	47	42	38	Tr	Tr	6.0	*	*	5
Croydon } 24 hours ended 7h.	244	bbc	bcb	bbcr0	47	41	37	-	0.3	6.1	*	*	*
Greenwich (Royal Obsy.)	149	b	bbcb	bcr0bc	47	41	34	-	0.3	5.8	59	78	5
City (Bunhill Row)	30	*	*	*	*	*	*	*	*	4.9	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	48	42	(36)	~	~	5.9	55	79	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	5.5	*	*	*
Camden Square	110	b	bcbc	*	46	42	37	-	0.5	*	*	84	*
Kensington Palace	80	b	bc	*	47	42	-	-	0.3	*	(At 18h 75)	75	*
Hampstead Observatory	450	*	-	*	46	37	29	-	1	5.5	*	90	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.8	10h 15m	<0.3	2h 16m

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15th 17 h. 30 m. to 16th 6 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.15	6.54	52
δ Ursae Minoris	13.15	6.51	52

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 January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	8.0 / 7.59	12.3 / 12.3	16.6 / 16.8
Greenwich	8.2 / 8.1	12.9 / 12.10	16.18 / 16.20
Wick	8.52 / 8.51	12.22 / 12.22	15.52 / 15.54
Valentia	8.45 / 8.44	12.50 / 12.51	16.57 / 16.58

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 0 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 } 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.

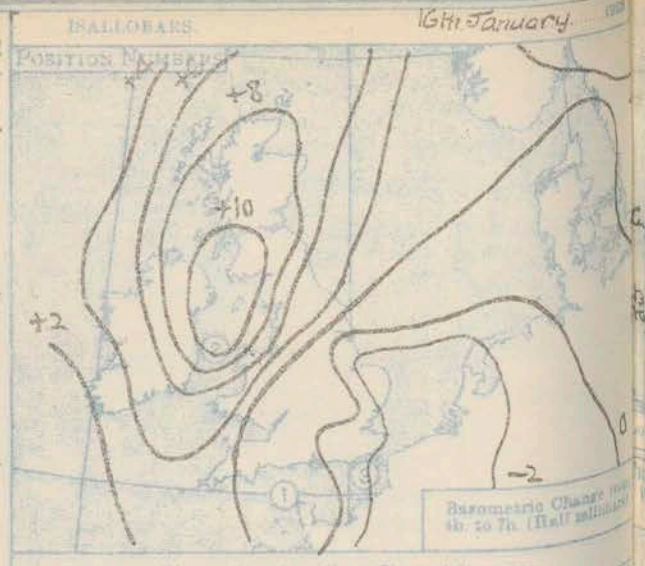
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† Tr. = 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.-15h. 15h.	15h.-18h. 15h.	18h. to 1h. 15h.	1h.-7h. 16h.	Temperature. Max. Day. 7h.-18h.	Min. Night. 18h.-7h.	Min. on Grass	Rainfall.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	Sun 15h. Hours.
Lerwick	b	bbc	bbcc	cp	40	39	•	–	–	0·4	4·30	1·7
Stornoway	r	p	bbc	c	44	37	•	6	–	–	–	0·0
Wick	cprcc	bbpc	bcbr	b-bc	43	39	•	0·1	11·00	0·4	24·00	•
Tiree	rro	~~bco~~	p	cobc	46	43	40	7	<8·00	0·6	<21·00	0·0
Nairn	bc	bccpr	cqbc	bc	43	38	•	1	15·30	–	–	1·1
Aberdeen	cmcq	cbcm	bccrr	rbc	43	39	35	–	–	5	<21·00	0·1
Malin Head	irorm	opr	cp	cbc	47	43	•	7	<8·00	0·6	<21·00	0·0
Renfrew	orrqc	corr	oirrqpm	cbcbc	44	39	32	4	<8·00	2	<21·00	0·7
Edinburgh (Inchkeith)	bcc	c	p	bcc	45	41	37	Trace	17·30	1	<21·00	1·7
Leuchars	cir	ccr	rcc rc	crcbc	43	40	36	2	9·00	1	<21·00	0·2
Eskdalemuir	orrum	ophnirm	orrm	orqmcir	41	39	38	13	<8·00	8	<21·00	0·0
Tynemouth	bcq	cq	cirbc	bc	48	39	33	–	–	0·3	<21·00	•
Blacksod Point ...	pqbc	pqbc	pqbc	pqbcb	50	40	•	2	«	1	«	•
Donaghadee	bcpr	bcpr	rrc	cbc	46	43	•	0·4	11·00	1	<21·00	•
Birr Castle	cir	cpr	cir	bc	47	40	35	5	<8·00	2	<21·00	0·0
Holyhead	bcqrc	cq	crqq	irr	47	45	43	0·1	11·00	1	<21·00	0·4
Liverpool (Bidston) ...	bccp	pr	ccp	qrr	(~~40~~)	41	38	0·3	11·00	1	<21·00	0·9
Chester (Sealand) ...	prbcc	pr	cprm	corr	46	43	40	0·2	<8·00	3	<21·00	0·6
Harrogate	bbcc	cbir	bpcir	coir	42	40	38	0·1	13·30	3	<21·00	1·1 ~~0·0~~
Spurn Head	b-bc	cbc	bbc	cpr	45	40	•	–	–	Trace	6·30	4·9
Birmingham (Edgbaston)	bbc	bccpr	oir	oir	44	40	39	Trace	13·30	0·6	<21·00	4·4
Cranwell	bc	~~[illegible]~~	bbc	c	45	40	38	–	–	–	–	5·5
Gorleston	b	bcb	bqbc	c	46	40	37	–	–	0·1	6·30	6·3
Valentia (Cahirciveen)	orpcp	cop	cphbc	cphbc	48	45	42	4	<8·00	2	<21·00	0·1
Roches Point	bcpc	cir	cirb	b	48	43	•	4	9·00	2	<21·00	•
Pembroke (St. Ann's H.)	cphqq	cpq	bccpq	bccqq	47	45	•	2	9·00	1	<21·00	1·0
Ross-on-Wye	bpbcbc	bccor	oirc	rqqcq	45	42	41	3	9·00	3	<21·00	3·1
Leafield	bbcbb	bcp	cprbc	bcpr	43	40	38	0·1	<8·00	2	<21·00	5·1
Winchester (Worthy Dn.)	bbc	bccbc	bcbbcpr	crcr	47	40	37	–	–	3	22·00	6·7
S. Farnborough ...	bbc	bc	bccp	cb	47	40	38	–	–	0·4	22·00	6·8
London (Kew Obsy.) ...	bbc	bcbbcm	bccr	cqm	47	42	38	Trace	–	Trace	22·00	6·0
Croydon	bbc	bcb	bbcr	bcorr	47	41	37	–	–	0·3	22·00	6·1
Shoeburyness	bc	bc	b	cor	48	40	39	–	–	0·5	5·30	6·5
Clacton-on-Sea ...	bbc	bc	bcb	bcqd	46	40	37	–	–	0·4	3·30	6·8
Felixstowe	bm	bmb	bbc	bcr	45	41	39	–	–	0·1	–	6·4
Lympne	bmbc	bcb	bcr	cor	46	39	35	–	–	4	<21·00	6·7
Scilly (St. Mary's) ...	bcp	bcp	bcpq	bbcb	49	44	•	1	9·00	4	<21·00	6·2
Falmouth (Pendennis)	bcpq	bccpq	cprqbc	bcpq	45	43	•	0·5	12·30	3	<21·00	5·8
Plymouth (Cattewater)	bbcq	bccpq	cbcqr	cbcq	48	44	42	1	13·30	2	<21·00	4·9
Portland Bill	bbc	bcc	bcb	cbcc	48	45	•	–	–	1	22·00	•
Southampton (Calshot)	q	bcbq	bcqrbcqr		47	41	40	Trace	–	4	22·00	6·8
Dungeness	bbc	bcbc	bqrq	cqrsc	46	41	•	–	–	5	<21·00	•
Guernsey	cpcbb	cprbq	rprbc	cprbq	~~48~~	43	•	2	<8·00	3	3·30	4·1 48



Observations from Cross Channel Steamers

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	16th 2h	Brighton	WSW	6	C–	40	46

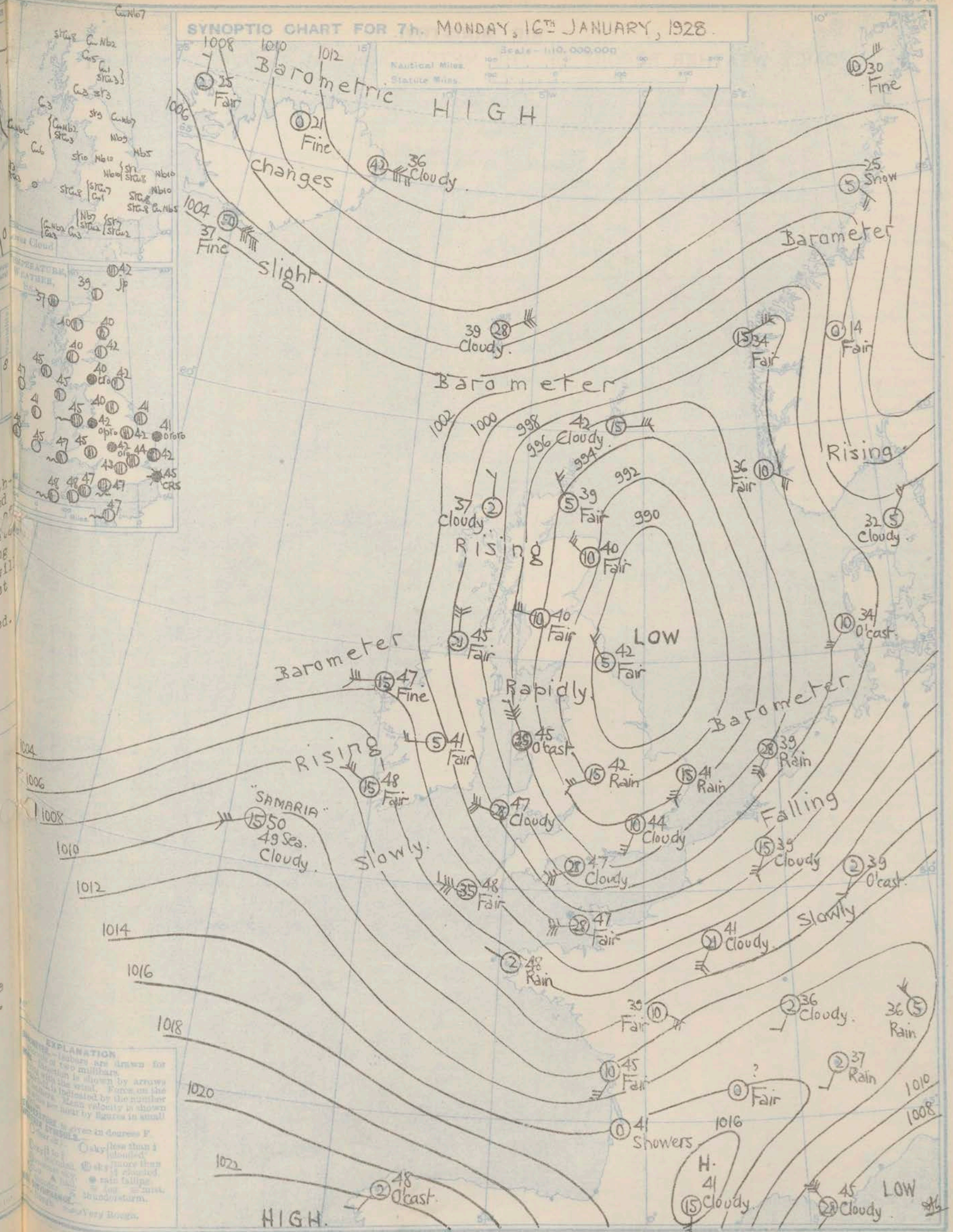
GENERAL INFERENCE.

The depression over the North Sea is moving slowly south-east and quickly filling up, and another depression, apparently of diminishing intensity, is indicated on the Northeast Atlantic moving towards West Scotland. There will be a short fine interval in most districts, with night frosts, but conditions remain unsettled.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 16th January, 1928.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind northwest, moderate or fresh, falling light and backing southwest later; cloudy today with some showers; then fine for a time; local morning mist or fog; moderate day temperature, ground frost at night.	Unsettled.
5. S.W. England 6. South Wales 7. North Wales	Wind northwest, backing southwest, moderate or fresh; variable sky, some showers; moderate temperature.	
8. N.W. England 9. N. Midlands 10. N.E. England	Wind between N.W. and N., moderate, becoming variable, light; mainly fine; a few local showers at first; local morning mist or fog; moderate day temperature; frost at night.	
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 northerly becoming variable, light; southerly tomorrow; freshening somewhat; fine at first; probably occasional rain tomorrow; local morning mist or fog; moderate day temperature; frost at night.	✝ South Cone still flying.
17. N.W. Ireland ✝ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland ✝	Wind N.W., backing S.W., moderate, freshening later; fine at first apart from local showers; occasional rain later; moderate or rather high temperature.	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 measurable, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. MONDAY, 16TH JANUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Barometric HIGH changes slight.
Barometer Rising.
Barometer Rising Rapidly.
LOW
Barometer Falling Slowly
Barometer Rising Slowly
"SAMARIA"
HIGH.
LOW
EXPLANATION

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday, 16th January.....1928. No. 16.....

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	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-8	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	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-8
Lerwick	54	993.5	+4	E	2	c	41	92	5	4000	Cu	5	A.Cu	8	.	995.4	+7	E	4	c/p	42	92	8	4000	CuNb	7	ASt	9	.
Stornoway	50	995.0	+12	NE	4	bc-	*	*	5	*	*	*	*	3	2	996.6	+6	N	1	c	37	85	7	2500	Stcu	8	-	8	2
Wick	81	988.7	+5	NE	2	c/r	42	97	8	2500	St.Cu	8	C.St	10	0	994.8	+8	NNW	2	bc	39	97	8	1500	CuNb	2	C.St	4	5
Tiree	26	*	*	*	*	*	*	*	*	*	*	*	*	*		998.9	+4	NNW	6	b	44	92	8	1500	Cu	2	-	2	
Nairn	92	*	*	*	*	*	*	*	*	*	*	*	*	*		996.7	*	W	1	bc	40	85	8	4000	Cu	5	-	5	.
Aberdeen	40	*	*	*	*	*	-	*	*	*	*	*	*	*		993.2	+6	NW	3	bc	40	92	8	2500	Stcu	4	-	4	0
Malin Head	84	989.8	+11	N	7	c	46	85	7	4000	Cu	9	-	9	5	999.7	+9	N	5	bc	45	85	8	4000	Cu	3	-	3	5
Renfrew	26	*	*	*	*	*	*	*	*	*	*	*	*	*		995.7	+9	WNW	3	bc	40	85	8	2500	Cu	3	Acu	4	.
Edinburgh (Inchkeith)	190	993.4	+5	NE	2	bc-	41	97	9	1500	St	2	A.St	4		992.8	+9	N	2	bc-	42	85	8	1500	St	3	Acu	5	1
Leuchars	46	*	*	*	*	*	*	*	*	*	*	*	*	*		994.0	+9	N	3	bc-	42	75	7	4000	Stcu	3	-	3	.
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*		993.0	+10	N	4	c/s	40	85	7	1500	St	9	-	9	1
Tynemouth	67	985.3	0	SW	1	bc	41	92	6	800	St	3	-	3		989.5	+5	NNW	2	bc+	42	92	7	1500	CuNb	7	-	7	
Blacksod Point ...	18	993.9	+4	NW	6	c	47	85	7	*	CuNb	8	-	8		1003.9	+4	W	4	b	47	85	7	*	CuNb	2	-	2	5
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*		996.7	+10	NW	4	bc-	45	75	8	2500	Stcu	5	-	5	3
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*		1003.0	-	W	2	bc-	41	85	7	2500	Cu	6	-	6	.
Holyhead	85	989.4	+1	W'N	7	c	46	85	7	2500	St.Cu	10	-	10	6	995.5	+10	NNW	7	0	45	92	6	2500	St	10	-	10	.
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*		993.3	+5	NW	6	c/sh	42	97	6	2500	Nb	10	-	10	.
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*		995.5	+4	NW	8	orr	43	92	4	800	Nb	10	-	10	
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*		993.5	+4	NW	1	c/r	40	97	7	1000	Nb	9	ASt	10	1
Spurn Head	20	988.3	-3	S'W	5	c+	41	92	7	4000	Nb	8	-	8		989.0	0	SW	3	c	41	92	8	4000	Nb	5	Acu	8	.
Birmingham (Edgbaston)	685	*	*	*	*	*	*	*	*	*	*	*	*	*		991.1	0	WSW	4	orr	42	85	7	1500	Nb	10	-	10	.
Cranwell	236	991.7	-3	S'W	4	c+	42	92	7	2500	St.Cu	9	-	9		993.2	-2	SSW	4	c	42	92	6	2500	Stcu	9	-	9	1
Gorleston	14	995.1	-2	S'W	3	c+	41	85	7	1500	Nb	6	A.St	9		993.4	-2	SSW	4	orr	41	92	6	2500	Nb	10	-	10	
Valentia (Cahireiveen)‡	30	1003.9	+3	W	5	b/pr	48	92	8	-	CuNb	4	-	4		1007.2	+2	NNW	4	bc	48	85	8	1500	St	6	-	6	4
Roches Point	32	*	*	*	*	*	*	*	*	*	*	*	*	*		1004.1	+5	NW	5	b	45	97	8	-	-	0	-	0	6
Pembroke (St. Ann's H.)	150	995.5	0	NNW	8	b/pr	47	92	7	1500	St.Cu	3	-	3		996.5	+4	NNW	6	c+	47	92	8	1500	Stcu	8	-	8	.
Ross-on-Wye	226	*	*	*	*	*	*	*	*	*	*	*	*	*		994.0	0	W	5	c	45	75	8	2500	Stcu	8	-	8	.
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*		994.3	0	SNW	4	c	42	85	8	4000	Stcu	9	-	9	
Winchester (Worthy Dn.)	573	*	*	*	*	*	*	*	*	*	*	*	*	*		996.3	0	WSW	4	c/r	44	85	8	800	St	8	Acu	10	.
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*		995.3	-1	WS	4	c	43	85	7	2500	Stcu	8	-	8	.
London (Kew Obsy.) ...	15	*	*	*	*	*	44	*	*	*	*	*	*	*		995.1	-1	SWb	3	c	44	85	5	800	Stcu	8	-	8	2
Croydon	344	991.0	-4	SW	4	bc	44	93	8	2500	Nb	7	-	7		995.8	+1	WSW	4	c-	44	85	7	800	St	8	-	8	.
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*		995.1	-2	WSW	3	c/r	43	97	7	1500	Nb	8	Acu	9	.
Clacton-on-Sea ...	34	*	*	*	*	*	*	*	*	*	*	*	*	*		994.2	-3	SSW	4	0	42	92	7	4000	Nb	10	-	10	3
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*		994.8	-3	SW	4	c/r	42	97	6	800	Stcu	8	Acu	8	4
Lympne	250	994.5	-3	SSW	5	c+	43	92	7	1500	St	10	-	10		995.3	-1	SWS	4	r/s	43	97	6	800	Nb	10	-	10	
Scilly (St. Mary's) ...	163	1001.7	+2	W	7	b-	51	92	7	4000	Cu	2	-	2	6	1006.0	+3	WNW	7	bc	48	85	7	4000	Cu	5	-	5	5
Falmouth (Pendennis)	200	999.7	-1	W	6	bc	47	85	8	4000	CuNb	5	-	5	6	1002.8	+3	WNW	5	bc-	48	75	8	4000	Cu	3	Cu	5	6
Plymouth (Cattewater)	62	*	*	*	*	*	*	*	*	*	*	*	*	*		1001.1	+1	WNW	6	c+	47	75	7	4000	Nb	9	-	9	6
Portland Bill	32	999.1	-2	WSW	7	or	46	85	8	1500	Nb	10	-	10	5	999.9	+1	WS	6	c	47	85	8	1500	St	9	-	9	5
Southampton (Calshot)	10	998.0	-4	SW'S	4	b/r	43	92	7	1500	Nb	6	-	6		999.3	-1	WS	4	c/r	44	85	7	1500	Nb	8	-	8	
Dungeness	20	998.8	-5	SW	6	c/r	48	92	7	1500	Cu	9	-	9		998.8	-2	WSW	5	c/rs	45	92	7	2500	CuNb	5	ASt	6	
Guernsey (Fort George) ‡	205	1003.0	-4	SW	3	b-	45	92	7	1500	St	10	-	10		1002.2	+1	W	6	bc	47	75	7	2500	CuNb	6	-		

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Sunday, 15th January.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. night 21h.-9h. to 9h.-15h. °F.	Temperature. Max. 9h.-21h. 15h.-21h. °F.	Rainfall. Night 17h.-9h. 21h.-9h. mm.	Rainfall. Day 9h.-17h. 9h.-21h. mm.	Sunshine. Sunrise to Sunset hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	c	c	39	43	0.3	-	1.2
Douglas (I. o. M.) ...	cp	cp	40	50	-	1	0.3
Llandudno ...	cbcr	rcbp	43	47	-	1	1.1
Colwyn Bay ...	cb	bcbc	43	48	-	0.2	0.5
Rhyl	bccp	rc	40	48	-	1	1.0
Wallasey	bbcc	pbcc	39	45	-	0.3	0.5
Southport	bco	orbco	* 38	45	-	1	1.2
Blackpool	co	bc	41	44	-	-	1.0
Ilkley	bc	orc	34	42	-	2	0.7
Cleethorpes	bc	bp	38	45	0.3	-	4.7
Skegness	b	bbc	38	44	0.5	-	5.7
Aberystwyth ...	cbcpr	prc	41	48	1	1	1.3
Bath	bc	bpc	39	47	1	Trace	5.5
Cheltenham ...	cpbc	cdgc	39	46	Trace	0.3	3.8
Leamington Spa ...	cp	c	38	50	0.3	-	4.7
Lowestoft	b	b	38	47	2	-	6.4
Felixstowe	b	b	38	45	0.6	-	6.4
Harwich & Dovercourt	bc	bc	37	45	0.6	-	6.2
Southend	b	b	39	48	1	-	6.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	bcod	43	47	0.2	0.1	2.4
Bude	bcbc	bcc	42	51	1	1	3.0
Penzance	b	b	43	50	-	-	5.2
Paignton	b	bcp	41	49	0.3	(Fog)	5.8
Torquay	b	bbccp	42	49	Trace	-	6.4
Jersey	bc	bcp	44	48	4	0.1	5.3
Weymouth	b	b	44	50	0.1	-	6.4
Bournemouth ...	b	bbc	40	48	1	-	6.7
Ventnor ...	rs	bcp	43	47	1	1	6.2
Portsmouth (S'thsea)	b	b	42	49	1	-	7.0
Bognor	b	b	39	48	2	-	6.8
Littlehampton ...	bbc	bc	41	46	1	-	6.8
Worthing	b	b	40	47	2	-	6.8
Brighton	b	b	40	47	2	-	7.0
Eastbourne	b	b	44	50	5	-	6.5
Hastings‡	bmb	bbcb	41	48	2	-	6.5
Folkestone	bcm	bcbc	39	51	0.6	-	4.6
Dover	b	bbb	43	47	1	-	4.6
Tunbridge Wells ...	b	b	38	48	2	-	6.9
Ramsgate	b	b	41	49	-	-	6.7
Margate	b	b	40	49	Trace	-	6.8
Deal	b	b	40	47	1	-	5.9

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. ‡ 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. B24162 Tuesday 17th January ... 1928.

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

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	1000.1	?	ENE	5	bc	40	85	8	4000	Cu	5	CiSt	7	•
Stornoway	1002.4	+4	-	0	bc	43	85	7	4000	CuNb	4	-	4	•
Wick	1000.7	+5	NNW	3	c/pro	42	97	8	1500	CuNb	6	CiSt	8	•
Tiree	1003.0	+2	N	4	b-	44	75	8	2500	Cu	2	-	2	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	998.5	+2	NNW	3	cjp	42	85	8	2500	CuNb	9	-	9	2
Malin Head	1003.5	+1	NNW	3	bc	45	85	8	4000	Cu	3	ACu	4	•
Renfrew	1001.0	+5	WNW	2	b	46	75	8	5700	Cu	2	-	2	2
Edinburgh (Inchkeith)	998.9	+4	NNW	2	bc	42	85	8	4000	Cu	4	ACu	7	•
Leuchars	999.6	+5	WNW	3	c+	42	75	8	4000	StCu	8	-	8	2
Eskdalemuir	999.7	+5	NW'W	3	bc	41	75	8	2500	Cu	7	-	7	2
Tynemouth	996.6	+7	NNW	2	c/r	43	92	7	1500	Nb	8	-	8	•
Blacksod Point	1005.7	+1	-	0	bc	48	85	8	×	Cu	3	-	3	•
Donaghadee	1003.7	+6	NNW	4	bc-	46	75	8	4000	Cu	4	-	4	•
Birr Castle	1005.3	•	W	2	bc-	47	75	7	1500	Cu	1	CiCu	3	•
Holyhead	1002.7	+5	NW'N	5	bc	45	92	6	2500	StCu	5	-	5	2
Liverpool (Bidston)	1000.7	+5	NW'W	5	b	43	85	7	4000	StCu	1	-	1	•
Chester (Sealand)	1000.1	+6	NW	4	c	44	85	7	2500	StCu	8	-	8	2
Harrogate	997.6	+7	W'N	3	c	43	85	7	4000	Nb	9	ASt	10	•
Spurn Head	994.4	+3	NW	4	c	41	97	6	1500	St	9	-	9	•
Birmingham (Edgbaston)	999.7	+9	NW	4	c	42	85	5	1500	Nb	8	-	8	2
Cranwell	996.2	+7	NW	4	o/r	42	97	5	450	St	10	-	10	1
Gorleston	994.7	+1	SW	2	bc-	46	85	7	-	-	0	ACu	6	•
Valentia (Cahirciveen)	1009.1	+1	W'S	3	c/pro	47	85	8	1500	St	10	-	10	2
Roches Point	1008.5	+1	NW	2	bcv	48	97	9	2500	Cu	4	-	4	•
Pembroke (St. Ann's H.)	1004.6	+3	NW'W	6	b	46	92	7	1500	Cu	2	-	2	•
Ross-on-Wye	1001.0	+5	NW'W	4	c	47	75	8	4000	StCu	9	-	9	2
Leafield	999.6	+8	NW'W	5	o	42	85	8	4000	StCu	9	-	9	2
Winchester (Worthy Dn.)	999.7	+4	W'N	6	bc/r	46	75	8	1500	StCu	5	ACu	7	1
S. Farnborough	998.2	+4	W	4	c	45	75	8	1500	Nb	10	-	10	2
London (Kew Obsy.)	997.7	+4	W'N	3	cro	45	85	6	800	Nb	10	-	10	2
Croydon	997.9	+4	W'N	3	cro	44	92	6	450	St	9	ASt	10	2
Shoeburyness	995.9	+1	W	3	oro	44	97	5	800	St	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	996.1	+1	SSW	3	mmc	43	97	4	1500	StCu	5	ASt	10	2
Lympne	996.6	0	WSW	4	c/r	44	85	8	800	St	10	-	10	2
Scilly (St. Mary's)	1008.8	+1	NW'W	5	bc	50	85	7	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1007.4	+2	NW	5	bc	48	65	8	4000	Cu	5	-	5	•
Plymouth (Cattewater)	1005.3	+3	NW	6	b	48	65	7	2500	Cu	2	-	2	2
Portland Bill	1001.8	+4	W'N	5	c	47	75	8	1500	St	8	ACu	9	•
Southampton (Calshot)	1000.1	+3	NW'W	5	c	48	75	7	2500	StCu	8	-	8	0
Dungeness	996.5	-1	WSW	4	cjp	45	85	7	1500	Nb	4	ASt	10	•
Guernsey (Fort George)	1005.4	+2	WNW	6	c/pro	48	75	7	800	CuNb	3	-	9	•

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

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	1007.2	+6	NE	6	c	40	75	8	4000	Cu	5	ASt	8	•
Stornoway	1006.4	+4	NNE	5	bc/pro	40	85	7	4000	Cu	5	-	5	4
Wick	1003.5	+4	NNE	6	orr	39	97	7	1500	Nb	10	-	10	6
Tiree	1005.2	+1	N	4	bc	43	85	7	2500	Cu	4	-	4	4
Nairn	1004.4	•	NNE	4	c+	39	85	7	1500	St	9	-	9	•
Aberdeen	1001.2	+4	WNW	4	c/pro	40	85	7	2500	CuNb	10	-	10	0
Malin Head	1005.5	+2	NNW	3	bc	44	85	8	5700	StCu	3	ACu	4	2
Renfrew	1003.5	+3	W	2	b-	35	92	7	-	-	0	-	0	•
Edinburgh (Inchkeith)	1001.3	+3	WNW	3	bc+	41	75	8	1500	St	4	CiCu	7	1
Leuchars	1001.7	+2	WNW	2	bc-	41	75	8	4000	StCu	6	-	6	•
Eskdalemuir	1002.9	+3	-	0	b-	34	75	7	-	-	0	-	0	•
Tynemouth	1000.6	+4	WNW	2	c	42	85	7	1500	Nb	8	-	8	1
Blacksod Point	1005.4	0	-	0	bc	43	92	7	•	StCu	6	-	6	5
Donaghadee	1005.3	+3	W	2	bc+	41	85	8	4000	CuNb	5	-	5	2
Birr Castle	1006.0	•	W	2	bc	39	85	7	2500	StCu	3	Ci	4	•
Holyhead	1005.6	+3	NW	4	bc	45	92	7	4000	StCu	6	-	6	4
Liverpool (Bidston)	1004.0	+3	W'N	3	c	41	92	7	4000	St	8	-	8	•
Chester (Sealand)	1003.6	+3	NW'W	4	c	44	85	7	2500	StCu	9	-	9	•
Harrogate	1002.1	+5	W'N	3	b	40	85	7	-	-	0	ACu	1	•
Spurn Head	998.9	+7	NW'N	6	c-	42	92	7	4000	Nb	8	-	8	2
Birmingham (Edgbaston)	1004.3	+4	WNW	4	b	40	85	7	-	-	0	-	0	•
Cranwell	1001.7	+6	NW'N	4	c-	42	85	6	1500	StCu	8	-	8	•
Gorleston	998.9	+4	WNW	1	oro	43	85	6	800	Nb	10	-	10	0
Valentia (Cahirciveen)	1006.7	-2	S'E	2	c/pro	46	85	8	1500	St	10	-	10	0
Roches Point	1008.1	0	W	2	c+	45	97	8	2500	StCu	8	-	8	1
Pembroke (St. Ann's H.)	1006.6	+3	NW'W	3	bc	46	97	7	1500	Cu	4	ACu	5	4
Ross-on-Wye	1004.9	+4	W	3	bc	43	75	8	4000	StCu	6	-	6	•
Leafield	1003.8	+4	NW'W	4	b	40	85	7	5700	StCu	2	-	2	•
Winchester (Worthy Dn.)	1004.4	+6	W'N	4	bc	42	85	7	1500	StCu	7	-	7	•
S. Farnborough	1004.0	+6	NW	2	bc-	43	75	8	4000	StCu	7	-	7	•
London (Kew Obsy.)	1003.2	+6	W'N	3	c-	45	75	6	2500	St	4	ACu	9	•
Croydon	1002.9	+5	WNW	3	c	44	85	6	1500	St	10	-	10	•
Shoeburyness	1001.8	+8	NNE	2	o	45	85	5	800	St	10	-	10	•
Clacton-on-Sea	1000.3	+6	WNW	4	o/pro	43	97	6	4000	St	10	-	10	2
Felixstowe	1000.6	+7	WNW	3	c/r	43	92	6	800	StCu	10	-	10	2
Lympne	1001.3	+7	WNW	4	o/r	43	85	5	800	St	10	-	10	•
Scilly (St. Mary's)	1010.2	+1	NW'W	4	bc	47	92	7	4000	StCu	5	-	5	1
Falmouth (Pendennis)	1009.3	+2	WNW	2	bc	45	85	7	4000	CuNb	4	ACu	5	0
Plymouth (Cattewater)	1008.6	+4	WNW	3	b-	45	85	8	4000	Cu	1	Ci	1	3
Portland Bill	1006.0	+4	W'N	5	bc-	46	75	8	2500	Cu	3	-	3	5
Southampton (Calshot)	1005.3	+6	W	4	c	44	75	7	4000	StCu	8	-	8	0
Dungeness	1001.5	+5	WNW	3	c/d	44	85	7	1500	St	8	-	8	3
Guernsey (Fort George)	1008.6	+3	WNW	5	b-	46	65	8	4000	StCu	2	-	2	4

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. Nght. °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	cr,mo	cromon	bm,x	46	35	26	1	Tr.	0.0	•	•	3
Croydon } 24 hours ended 7h.	244	coromn	oir,m,c	ombc	46	34	29	1	-	0.1	•	•	5
Greenwich (Royal Obsy.)	149	corro	odgc	obmx	45	35	27	2	-	0.0	83	93	2
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	47	34	~~22~~ (26)	2		0.0	73	71	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•		•	•	0.0	•	•	•
Camden Square	110	or	oro	•	44	37	28	2	-	•	•	93	•
Kensington Palace	80	odr	o	•	46	35	-	1	-	•	(At 18h) 76	90	•
Hampstead Observatory	450	•	•	•	43	31	23	2	-	0.0	•	98	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6	2h 16th	<0.3	2h 17th

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

Pole Star Record at Greenwich Obsy.

Exposure from 16th 17h 30m. to 17th 6h 45m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.15	4.42	35
δ Ursae Minoris	13.15	3.39	28

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.

17th & 18th January ..., 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.59 7.58	12.3 12.3	16.8 16.9
Greenwich	8.1 8.0	12.10 12.10	16.20 16.21
Wick	8.51 8.50	12.22 12.23	15.54 15.56
Valentia	8.44 8.43	12.51 12.51	16.58 17.00

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, 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.

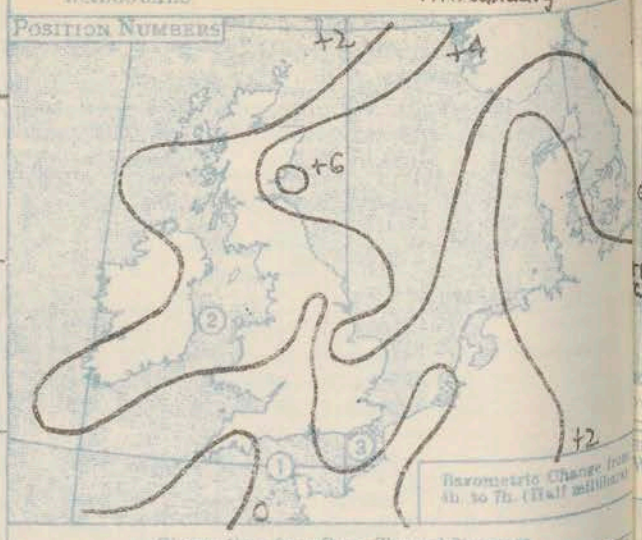
§ Telegraphic Code for Surface Visibility.

	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.

Summaries for the Past 24 Hours

Stations.	Weather. 7h.-13h. 16th	Weather. 13h.-18h. 16th	Weather. 18h.16th. to 1h.17th	Weather. 1h.-7h. 17th	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 16th Hours.
Lerwick	cipr.	c	ciph	c	43	37	.	Trace	<8.00	Trace	22.00	0.0
Stornoway	c	p	b-bc	bcpb	44	34	.	0.3	*	0.2	*	2.6
Wick	cpr.	pr.rr	orrc	b-bc	43	37	.	2	<8.00	5	<21.00	.
Tiree	bc	bc	bc	bc	43	39	34	–	–	–	–	4.3
Nairn	bcc	cdq	cqpr	c	42	36	.	Trace	16.30	2	<21.00	0.1
Aberdeen	bccpr	cpr	cpr.rr	rrr.r.	42	39	37	0.4	9.00	7	<21.00	0.3
Malin Head	bc	bc	bbcv	bcv	45	34	.	–	–	–	–	3.0
Renfrew	bccb	bbcb	bx	c	46	31	24	–	–	–	–	4.2
Edinburgh (Inchkeith)	p	c	c	cr.r.o	43	37	35	–	–	1	24.00	1.7
Leuchars	bcc	cbcc	b,c	cip.rr	44	37	32	–	–	3	24.00	2.4
Eskdalemuir	bcp.	bcb	bcbc	cdcpr.	42	32	27	0.1	<8.00	0.1	6.30	1.9
Tynemouth	cir.	c	cbc	bc	44	36	32	0.4	9.00	–	–	.
Blacksod Point	bcb	bbc	bcbc	b	51	35	.	–	–	–	–	.
Donaghadee	bc	bc	bx	bx	47	33	.	–	–	–	–	.
Birr Castle	bc	bc	bc	bx	48	29	19	–	–	–	–	5.4
Holyhead	obcm.	bccm.	cb	bbc	46	41	36	–	–	–	–	4.8
Liverpool (Bidston)	bcc	bbcce	dccbc	bbcm.	43	36	29	–	–	–	–	4.5
Chester (Sealand)	r.,c	cbcc	cb	bcm,x	45	32	23	0.1	<8.00	–	–	1.7
Harrogate	cbcir.	cb	bbcc	bbc	43	32	27	0.1	9.00	–	–	0.8
Spurn Head	c	opr.c	b-bc	cbc	43	37	.	0.5	14.30	–	–	0.1
Birmingham (Edgbaston)	odprc	cbc	bcpr.	bbcx	43	34	28	0.5	<8.00	0.3	22.00	0.0
Cranwell	r.ror	cmr.c	cm.	cxb	~~42~~ 44	32	29	2	<8.00	–	–	0.0
Gorleston	or.rbc	bcco	or.c	cbc	46	37	33	0.2	<8.00	0.1	<21.00	0.9
Valentia (Cahirciveen)	cocp.	pp.	orod	od.o	50	44	43	0.1	12.30	4	<21.00	0.9
Roches Point	bcv	bcc	cor.r	oir.bc	50	43	.	–	–	5	22.00	.
Pembroke (St. Ann's H.)	cPbc	bbc	bc	bc	47	41	.	Trace	13.30	–	–	4.9
Ross-on-Wye	cbcc	cbccp.bc	bcbwc	pcb	47	33	21	Trace	15.30	0.3	1.30	1.3
Leafield	cpr.qc	cbc	~~x~~w b	~~x~~ b	43	32	22	1	<8.00	–	–	0.3
Winchester (Worthy Dn.)	cpr.c	cpr.cbc	bc	bcxm.	47	32	25	Trace	9.00	Trace	–	1.5
S. Farnborough	cp	c	bccp.bc	bcbwx	46	31	24	0.3	9.00	Trace	22.00	0.4
London (Kew Obsy.)	cr.m.	cr.mcm	bm.	bm.x	46	35	26	1	9.00	Trace	–	0.0
Croydon	cor.m.	oir.mc	cm.bc	bcm.	46	34	29	1	9.00	–	–	0.1
Shoeburyness	obcorir.	od.o	bcb	b	45	34	31	0.5	<8.00	–	–	0.1
Clacton-on-Sea	ogr	ogrop	obo	obcb	44	36	32	2	9.00	0.1	<21.00	0.2
Felixstowe	bcr.r	emir.	crcbc	bcb	44	37	33	1	<8.00	0.06	<21.00	0.9
Lympne	or.bcc.	cor.m.	or.r.b	bbcbc	45	35	31	0.4	<8.00	Trace	<21.00	0.2
Scilly (St. Mary's)	bc	bc	bccrr	cofrcb	50	46	.	–	–	4	24.00	5.2
Falmouth (Pendennis)	bcq	bcq	bccr.	corc	49	43	.	–	–	2	<21.00	6.4
Plymouth (Cattewater)	q.pr.b	bcq.b	b,cr.	omcr.c	49	40	33	Trace	9.00	1	<21.00	6.3
Portland Bill	b	c bc	bcb	bccc	48	42	.	–	–	–	–	.
Southampton (Calshot)	cr.bcq	cq	cbcbcw	bwx.c	48	35	27	Trace	<8.00	Trace	–	2.7
Dungeness	c	cd/c	cbc	bcbc	46	35	.	Trace	12.30	–	–	.
Guernsey	bcqr.r	bc bq.	bqcwo	bbcr.r.	48	43	.	Trace	<8.00	0.2	?	0.7



Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	16th 10h	Cambria	NNW	6	bc	46	48
3	17th 2h	Dieppe	NW	3	bc+	46	47

General Inference.

The situation is now very complex. An anticyclone over Scandinavia is moving southeast and increasing in size and intensity, while the depression over the North Sea is filling up and a secondary over S.W. England is moving southeastward. A large depression off Southern Greenland is moving slowly northeast but apparently diminishing in intensity, and other depressions are likely to develop north of the Azores and move north-east. Some precipitation is probable in the extreme S.W. and in E. Scotland, but elsewhere conditions will be calm and mainly fine apart from fog.

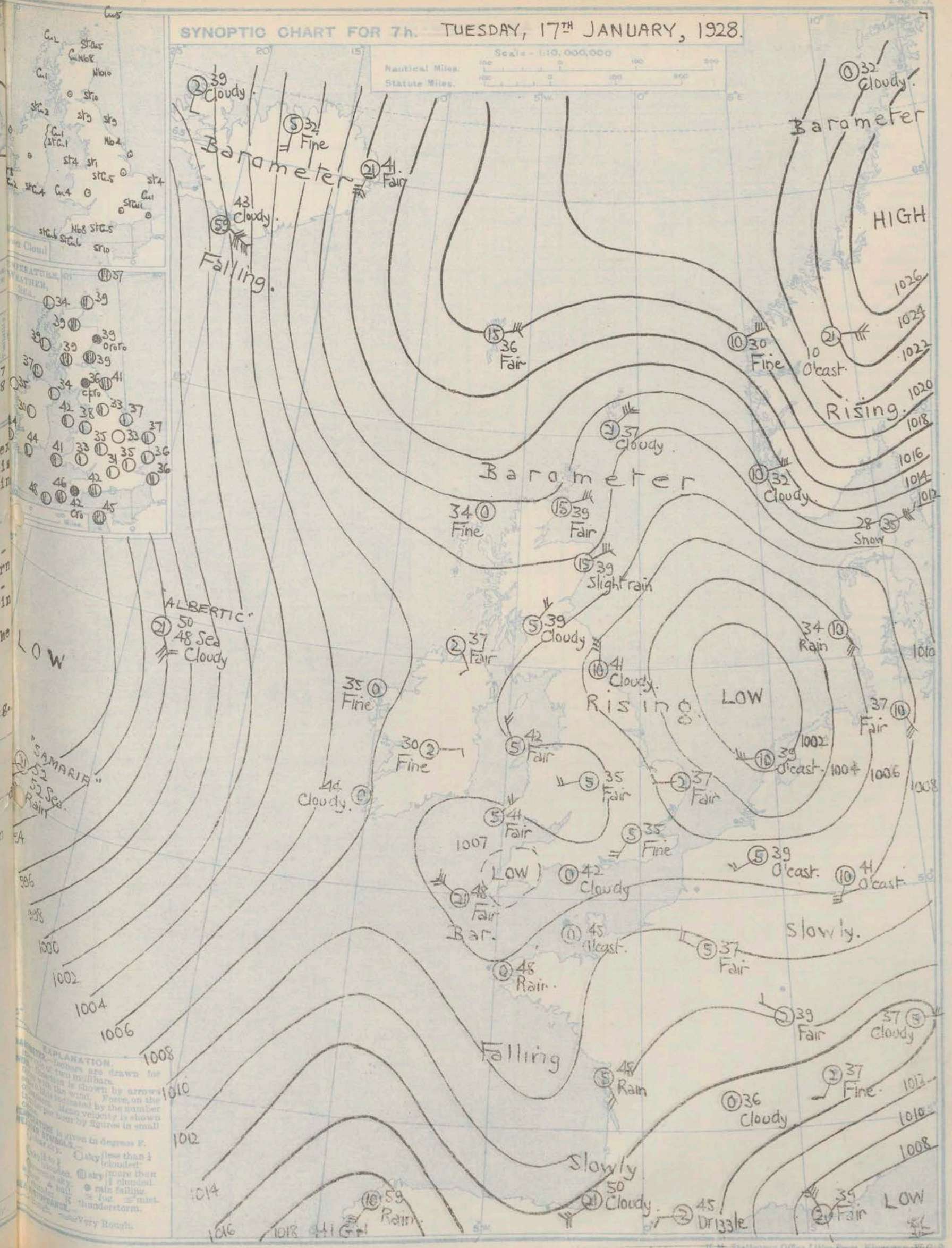
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 17th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind variable, light; fine, but rather widespread fog developing during the night; rather cold, frost at night.	Unsettled; colder than of late in eastern and central districts.
5. S.W. England 6. South Wales	Wind variable, light or moderate; becoming mainly fair for a time, but perhaps some rain tomorrow; moderate day temperature, ground frost tonight.	
7. North Wales	Wind variable, finally S.E. or S., light; fine; local fog later; rather cold, frost at night.	
8. N.W. England 9. N. Midlands	As 1 - 4.	
10. N.E. England 11. S.E. Scotland	Wind northerly to variable, light; variable sky, local showers at first; local fog later; rather cold, frost locally at night.	
12. S.W. Scotland & Isle of Man	Wind N.E. to E., light or moderate; cloudy, some showers; sleet locally; rather cold.	
13. A. W. Scotland B. N.W. Scotland	Wind N.E. to E., light; cloudy, local showers of rain or sleet; rather cold.	
14. Mid-Scotland 15. N.E. Scotland	Wind E. to S.E., light or moderate; fine; rather cold, frost at most places at night.	
16. Orkneys and Shetlands	As 11.	
17. N.W. Ireland	Wind S., moderate or fresh; cloudy, occasional rain; moderate temperature.	
18. N.E. Ireland	As 6 - 7.	
19. S.E. Ireland	As 17.	
20. S.W. Ireland	As 17.	

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

Pc 350/1820 m 105 D 1911 E 13840 1/28

† For code see page i

+ 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.....Tuesday..17th..January.....1928. No.17.....

Stations.	Height above M.S.L. in feet.	1h. G.M.T. 17th. 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. 17th. 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	10105	+2	NE	5	c	39	85	8	4000	cu	5	Ast	8	10105	0	NE	5	c	37	85	8	4000	cu	5	Ast	9	.
Stornoway	30	1011·0	+2	NNE	5	b-	•	•	8	•	•	•	•	2	1011·8	+1	–	0	b	34	75	7	4000	cu	2	-	2	2
Wick	81	10091	+3	NNE	6	C	40	85	8	2500	Stcu	6	CiSt	8	1011·4	+1	ENE	4	bc	39	75	8	2500	Stcu	5	Ci	6	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	10096	+2	NE	4	b-	39	85	8	2500	cu	1	-	1	3
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·0	•	NNE	3	C-	39	75	8	4000	CuNb	8	-	8	.
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	10099	+4	ENE	4	drd	39	85	7	1500	Nb	10	-	10	4
Malin Head	51	10068	+1	NNE	3	bc+	43	85	9	5700	Stcu	6	-	6	10085	+2	SSE	1	bc	37	92	9	5700	Stcu	3	Acu	4	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	10085	+3	NE	2	c	39	85	7	–	–	0	Ast	8	.
Edinburgh (Inchkeith)	190	1003·3	+2	NW	3	crd	40	85	8	1500	Nb	7	Acu	9	10064	+3	NNE	4	0	39	97	8	1500	St	10	-	10	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	10088	+7	E	3	c/r	38	92	7	1500	Nb	9	Ast	10	.
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	10078	+3	NE	4	c/prd	36	92	7	1500	St	9	-	9	.
Tynemouth	67	10028	+1	WNW	2	bc	39	85	7	1500	CuNb	6	-	6	10055	+2	N	3	C+	41	92	8	1500	St	9	-	9	.
Blacksod Point ...	18	10064	+1	–	0	bc	40	92	7	•	Cu	6	-	6	10074	0	-	0	b	35	92	7	•	–	0	-	0	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	10087	+2	NW	1	b	34	85	8	4000	cu	2	-	2	1
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	10082	•	E	1	b-	30	92	7	–	–	0	Acu	2	.
Holyhead	26	10063	+2	NNW	4	b	42	92	7	–	–	0	-	0	10078	+2	NNW	2	bc	42	92	7	4000	St	4	-	4	1
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	10074	+2	NW	2	b+	38	92	6	4000	St	1	-	1	.
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	10068	+2	WNW	2	b-	35	92	6	–	-	0	-	0	.
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	10067	+1	W	1	bc	33	85	7	4000	Nb	4	Acu	6	.
Spurn Head	29	1001·9	+2	NNW	5	C+	40	85	6	4000	Nb	9	–	9	10042	+3	NW	4	b	37	92	7	–	–	0	Acu	2	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	10081	+2	W	2	bc	35	85	6	4000	Stcu	5	-	5	.
Cranwell	236	10044	+2	WS	2	C	37	97	6	1500	Stcu	10	-	10	10064	+4	WS	2	(mb)-	33	97	4	–	–	0	-	0	.
Gorleston	14	10024	+3	W	2	C	40	85	7	–	–	0	Ast	10	10047	+2	W	1	bc-	37	92	6	1500	St	4	-	4	0
Valentia (Cahirciveen) P	30	10069	0	SE	3	0	41	92	8	-	St	10	-	10	10076	+2	–	0	C	44	92	7	1500	St	10	-	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	10078	+3	NE	2	bc	44	97	8	2500	Stcu	4	-	4	1
Pembroke (St. Ann's H.)	150	10063	-1	W	2	bc	46	97	8	1500	Cu	3	-	3	10072	+1	NEE	2	bc	41	97	8	2500	Cu	4	Ast	6	2
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	10082	+1	–	0	b	33	97	8	–	–	0	Ci	1	.
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	10077	+1	WNW	1	b+	33	92	8	5700	Stcu	1	CiSt	2	.
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	10084	+1	W	1	bc	33	97	6	7200	Stcu	2	CiSt	5	.
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	10082	+2	W	1	b	31	97	6	–	–	0	Ast	2	.
London (Kew Obsy.) ...	18	•	•	•	•	•	40	•	•	•	•	•	•	•	10078	+3	SSW	2	b	35	97	5	2500	Stcu	1	Acu	2	.
Croydon	244	10061	+1	WSW	3	bc-	38	92	7	4000	Stcu	7	-	7	10080	+3	WSW	2	bc	34	97	6	2500	Stcu	3	Ci	5	.
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	10072	+3	WNW	2	b	35	97	7	–	–	0	Ast	1	1
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	10058	+2	WNW	3	b	36	97	7	2500	Cu	1	-	1	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	10065	+3	W	3	b	37	92	7	4000	Stcu	1	-	1	.
Lympne	350	10055	+4	W	4	b-	39	92	7	1500	St	2	-	2	10072	+3	NWW	3	bc-	36	92	7	2500	Stcu	5	-	6	.
Scilly (St. Mary's) ...	163	1008·7	-2	S	2	crd	47	97	8	4000	Stcu	8	-	8	10071	0	NWW	5	bc	48	92	7	4000	Stcu	6	-	6	3
Falmouth (Pendennis)	200	1008·7	-2	–	0	C+	45	85	7	4000	Stcu	10	-	10	10074	-1	ESE	3	c/r	46	97	8	4000	Stcu	6	Ast	10	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	10076	0	NE	2	crd	42	97	6	1500	Nb	8	Ast	9	0
Portland Bill	32	1007·3	-1	WN	3	b	45	85	8	2500	Stcu	1	-	1	10075	0	–	0	C	42	92	8	2500	Stcu	5	Ast	9	1
Southampton (Calshot)	10	1007·3	+1	NW	2	b	37	92	7	4000	Cu	2	-	2	10083	+2	NW	1	C+	37	97	7	4000	Cu	2	Acu	8	0
Dungeness	20	10058	+2	WNW	2	bc-	38	92	7	4000	Stcu	6	-	6	1007·3	+3	NW	2	bc-	36	92	7	–	–	0	Acu	5	30
Guernsey (Fort George) P	295	10082	-2	–	0	C+	43	92	9	4000	Stcu	10	-	10	10093	+1	–	0	0	45	97	9	8000	St	10	-	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...16th..January.....

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.15th. to 9h. 16th. °F.	Temperature. Max. 9h.-17h. 16th. °F.	Rainfall.† Night 17h.-9h. 15th.-16th. mm.	Rainfall.† Day 9h.-17h. 16th. mm.	Sunshine. Sunrise to Sunset. 16th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	c	c	38	42	0·3	-	0·0
Douglas (I. o. M.) ...	b,c	bc	40	46	5	-	5·6
Llandudno ...	c	c	43	47	2	-	0·5
Colwyn Bay ...	corro	ocbcc	43	46	3	-	0·5
Rhyl	bcc	cbc	42	45	2	-	3·1
Wallasey	bcb	bbc	41	44	2	-	4·2
Southport	bbcb	bbcb	*41	43	2	-	5·2
Blackpool	oirc	bcc	42	43	3	-	5·8
Ilkley	c	c	35	45	6	-	0·5
Cleethorpes	od	oro	40	45	0·2	1	0·0
Skegness	bcor	ooc	39	45	-	Trace	0·0
Aberystwyth ...	prc	c	42	44	2	-	0·9
Bath	cbc	b	41	48	3	-	3·4
Cheltenham‖ ...	crod	cbc	42	47	2	Trace	0·0
Leamington Spa ...	o	cb	38	45	1	-	0·0
Lowestoft	b	b	39	?	0·2	-	0·4
Felixstowe	bcmdp	cmcmd	39	44	Trace	0·5	0·9
Harwich & Dovercourt	bcoc	crocr	38	44	-	1	0·9
Southend	oirc	cog	41	44	0·3	1	0·2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	odc	cbc	45	47	2	0·2	0·8
Bude	pbc	bc	43	49	3	-	2·7
Penzance	b	b	44	52	4	-	6·4
Paignton	c	cbcb	44	49	2	-	5·2
Torquay	ocq	bcb	43	51	4	-	5·7
Jersey	rc	bc	43	50	4	-	1·2
Weymouth	b	bcb	42	50	7	-	3·1
Bournemouth ...	cbc	bcbc	41	48	4	-	4·1
Ventnor ...	rb	bc	39	48	3	Trace	4·2
Portsmouth (S'thsea)	obc	bc	42	49	4	-	2·3
Bognor	obcc	rbcc	39	47	4	Trace	1·6
Littlehampton ...	c	c	41	47	4	-	0·3
Worthing	c	c	39	48	2	-	0·9
Brighton	bcc	c	42	48	6	-	0·6
Eastbourne‖	corro	oirro	41	47	8	0·1	0·8
Hastings‖	bcco	pro	40	47	7	0·5	0·6
Folkestone	rcr	cmir	41	47	6	0·3	0·4
Dover	cbcc	cordc	42	46	6	0·2	0·4
Tunbridge Wells ...	bcal	rcco	40	45	1	0·5	0·0
Ramsgate	bod	do	42	46	2	1	1·1
Margate	rcbc	cd	41	47	1	1	0·6
Deal	ocbcc	ord	41	47	3	0·3	0·9

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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. B24163 Wednesday 18th January, 1928. Page 1.

Observations at 13h. 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	Upper Form	Total Amt. 0–10	State of ground
Lerwick	1014.1	+3	SE	1	bc+	39	75	8	4000	Cu	2	ACu	4	•
Stornoway	1012.5	-1	ESE	1	bc+	37	75	7	4000	StCu	7	-	7	•
Wick	1014.5	+3	NE	3	c	39	85	8	1500	CuNb	6	CiSt	8	•
Tiree	1010.5	0	SE	3	c	41	85	8	2500	StCu	8	-	8	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1013.5	+3	E	3	c/r	39	85	7	1500	StCu	9	-	9	2
Malin Head	1009.8	+1	ESE	4	bc+	42	85	7	4000	Cu	1	ACu	3	•
Renfrew	1011.9	+2	ENE	3	c	40	85	6	2500	StCu	9	-	9	2
Edinburgh (Inchkeith)	1010.8	+4	E	3	c-	41	92	8	4000	Cu	3	ACu	8	•
Leuchars	1012.3	+2	NE	3	cr₀	41	85	8	1500	CuNb	7	ACu	9	2
Eskdalemuir	1011.2	+2	NE'N	3	c/pr₀	38	92	8	1500	St	8	-	8	2
Tynemouth	1009.7	+2	N	2	c/r	43	92	8	1500	Cu	8	-	8	•
Blacksod Point	1006.9	0	E	4	bcv	42	85	9	-	-	0	ACu	6	•
Donaghadee	1011.0	+2	ESE	3	bc+	44	75	8	2500	Cu	2	ACu	3	•
Birr Castle	1008.3	•	ESE	1	bc+	45	65	8	2500	StCu	1	Ci	4	•
Holyhead	1010.9	+2	SW	1	c+	45	85	6	2500	St	8	Ci	8	1
Liverpool (Bidston)	1010.6	+1	NW'N	1	b	41	85	7	2500	Cu	1	Ci	1	•
Chester (Sealand)	1010.0	+2	NW	1	b-	43	75	8	2500	Cu	2	Ci	2	1
Harrogate	1009.5	+2	NW	2	c	40	92	6	4000	StCu	9	-	9	•
Spurn Head	1008.4	+2	NW	4	c	[illegible]	[illegible]	[illegible] (5)	4000	St	9	-	9	•
Birmingham (Edgbaston)	1010.3	+2	NW	2	mb	40	75	4	-	-	0	-	0	2
Cranwell	1009.8	+2	WNW	1	b	39	85	5	-	-	0	Ci	2	1
Gorleston	1008.1	+3	NWW	2	c	40	85	5	2500	StCu	10	-	10	•
Valentia (Cahirciveen)	1008.3	0	SE'S	4	c	48	85	8	1500	St	10	-	10	2
Roches Point	1009.8	+1	SE	3	c	46	97	8	2500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1010.4	+3	ESE	2	bc	44	97	6	2500	Cu	4	ACu	7	•
Ross-on-Wye	1010.5	+2	W	1	b	45	75	8	4000	Cu	1	-	1	2
Leafield	1010.4	+3	NNW	2	bc	42	75	8	4000	Cu	1	ACu	3	2
Winchester (Worthy Dn.)	1010.6	+2	WNW	1	b	45	65	7	4000	Cu	1	ASt	2	1
S. Farnborough	1010.7	+2	W	2	b+	46	65	7	-	-	0	ACu	2	2
London (Kew Obsy.)	1010.7	+2	W'S	2	bc+	42	75	5	-	-	0	ACu	4	2
Croydon	1010.6	+1	W	2	bc+	43	75	5	-	-	0	ACu	4	1
Shoeburyness	1010.0	+1	WNW	3	b	43	75	6	-	-	0	Ci	1	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1009.8	+3	W	2	b	42	85	7	-	-	0	ACu	1	2
Lympne	1009.7	+1	W	2	b	44	75	5	-	-	0	-	0	2
Scilly (St. Mary's)	1011.1	+4	SWW	3	c+	48	85	7	4000	StCu	9	-	9	•
Falmouth (Pendennis)	1010.7	+3	E'N	2	cv	47	92	9	4000	StCu	4	ASt	8	•
Plymouth (Cattewater)	1010.4	+2	SE	1	b-	50	85	8	2500	Cu	1	ACu	1	2
Portland Bill	1010.0	+1	NE	1	c	45	92	8	2500	StCu	10	-	10	•
Southampton (Calshot)	1011.1	0	-	0	b-	42	85	6	5700	StCu	1	-	1	0
Dungeness	1010.8	+1	NW	1	b-	45	75	6	-	-	0	-	0	•
Guernsey (Fort George)	1010.8	+1	SE	3	od₀	46	97	5	450	St	10	-	10	•

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	Upper Form	Total Amt. 0–10	Sea 0–9
Lerwick	1017.9	+4	SE	1	bc/p	39	85	7	4000	CuNb	7	-	7	•
Stornoway	1011.9	0	ESE	1	bc	38	85	7	4000	StCu	5	-	5	0
Wick	1015.8	+3	S	3	c/pr₀	39	97	8	2500	CuNb	6	CiSt	8	4
Tiree	1011.2	0	E	6	c	41	85	8	2500	StCu	8	-	8	3
Nairn	1015.6	•	-	0	bc-	32	85	8	1500	StCu	6	-	6	•
Aberdeen	1016.9	+4	E	4	c	39	85	7	1500	CuNb	10	-	10	1
Malin Head	1009.9	+1	SE	4	b	38	92	6	5700	StCu	2	-	2	1
Renfrew	1014.6	+3	E	3	mmo	40	85	4	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1014.3	+3	ESE	2	o	39	97	8	1500	St	10	-	10	0
Leuchars	1015.4	+4	ENE	2	c	40	85	8	1500	StCu	10	-	10	•
Eskdalemuir	1014.3	+4	NE	3	o+	36	92	8	2500	St	10	-	10	•
Tynemouth	1014.0	+3	N	1	o	42	97	8	1500	St	10	-	10	4
Blacksod Point	1006.0	-1	SE	4	c	44	85	7	•	St	8	-	8	4
Donaghadee	1012.9	+2	SSE	3	bc+	42	75	8	2500	Cu	7	-	7	2
Birr Castle	1008.9	•	SE	2	c+	42	75	7	2500	Nb	9	-	9	•
Holyhead	1012.9	+3	SE'E	1	b	39	97	6	-	-	0	Ci	1	0
Liverpool (Bidston)	1014.1	+3	-	0	mmb	39	85	4	-	-	0	-	0	•
Chester (Sealand)	1013.5	+4	-	0	fb+	33	97	2	-	-	0	-	0	•
Harrogate	1014.4	+8	NNW	1	o	40	92	5	2600	St	10	-	10	•
Spurn Head	1012.9	+6	NW	3	bc*	39	97	6	2500	St	7	-	7	4
Birmingham (Edgbaston)	1014.7	+4	NW	1	mmb	37	85	4	-	-	0	-	0	•
Cranwell	1014.2	+4	W'N	1	mb	34	97	4	2500	St	1	-	1	•
Gorleston	1012.6	+4	WNW	2	c-	39	92	6	2500	StCu	9	-	9	0
Valentia (Cahirciveen)	1007.1	0	SE'S	4	c	47	85	8	1500	St	10	-	10	3
Roches Point	1010.0	+2	SSE	4	odd	47	97	7	1500	St	10	-	10	1
Pembroke (St. Ann's H.)	1011.9	+2	E'S	2	c+°	44	97	6	2500	StCu	9	-	9	0
Ross-on-Wye	1013.9	+5	-	0	b	34	85	5	-	-	0	-	0	•
Leafield	1014.7	+5	N'W	1	b	36	85	8	5700	StCu	1	-	1	•
Winchester (Worthy Dn.)	1014.2	+5	NNW	1	bc	36	85	6	-	-	0	ASt	3	•
S. Farnborough	1014.3	+5	WNW	1	b	32	85	6	-	-	0	-	0	•
London (Kew Obsy.)	1014.8	+5	-	0	b	36	92	5	-	-	0	Ci	2	•
Croydon	1014.6	+5	SW'S	1	ffb	32	92	3	-	-	0	-	0	•
Shoeburyness	1014.1	+3	WNW	2	b	35	97	5	-	-	0	-	0	•
Clacton-on-Sea	1013.5	+6	WNW	2	bc	38	85	6	-	-	0	ACu	3	0
Felixstowe	1014.3	+5	W	1	b	38	92	7	-	-	0	-	0	0
Lympne	1014.4	+6	NW	2	mmb	35	92	4	-	-	0	-	0	•
Scilly (St. Mary's)	1012.4	+2	S	2	c	47	92	7	4000	StCu	2	Ci	8	1
Falmouth (Pendennis)	1013.1	+3	SSE	2	or₀r₀	46	97	6	2500	Nb	10	-	10	0
Plymouth (Cattewater)	1013.7	+4	E	1	c	46	92	8	2500	St	8	ASt	9	0
Portland Bill	1012.5	+3	NE	1	b-	44	92	6	2500	StCu	2	-	2	1
Southampton (Calshot)	1014.6	+5	-	0	b	37	85	6	-	-	0	Ci	1	0
Dungeness	1015.0	+5	-	0	bc+	38	85	5	450	St	7	-	7	1
Guernsey (Fort George)	1013.9	+3	SSE	1	c	46	97	7	1500	St	10	-	10	1

London Observations.

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.	Humidity 18h. G.M.T. % Yesterday	9h. G.M.T. % To-day	Visibility 9h
Kew	18	bfxbc	bczmw	boffox	43	26	22	-	Tr	4.6	•	•	1
Croydon } 24 hours ended 7h.	244	bzbcz	bczobf	bfmxc	45	29	22	-	Tr	5.6	•	•	4
Greenwich (Royal Obsy.)	149	bfo	bfm	bfxof	41	27	19	-	Tr	0.0	78	89	2
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.6	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	45	29	~~20~~ (24)	-	-	0.9	61	85	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	2.8	•	•	•
Camden Square	110	bxb	bcb	•	42	33	23	-	-	•	•	100	•
Kensington Palace	80	bfx	b	•	44	34	*	-	-	•	(At 18h) 30	90	•
Hampstead Observatory	450	•	•	•	43	28	17	-	Tr	5.3	•	98	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
2.0	23h 17th	0.3	14h 17th

Kew Observatory Max.	Time.	Min.	Time.
1.3	7h 18th	< 0.3	15h 17th

Pole Star Record at Greenwich Obsy.

Exposure from 17th 17 h 30 m. to 18th 6 h 45 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	13 15	5.6	38
δ Ursae Minoris	13 15	1.58	15

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 January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.58 / 7.57	12.3 / 12.4	16.9 / 16.11
Greenwich	8.0 / 7.59	12.10 / 12.10	16.21 / 16.23
Wick	8.50 / 8.49	12.23 / 12.23	15.56 / 15.58
Valentia	8.43 / 8.42	12.51 / 12.51	17.0 / 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—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 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.	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.

SUMMARIES FOR THE PAST 24 HOURS. 18th 1928 — 17th.

STATIONS.	WEATHER. 7h.-15h. 17th.	15h.-18h. 17th.	18h. 17th. to 1h. 18th.	1h.-7h. 18th.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. mm.	7h.-18h. began.	Night. mm.	18h.-7h. began.	Hours.
Lerwick	c bc	cor bc	cir	oir c	40	37	.	1	14.30	0.4	<21.00	2.3
Stornoway	c	c	b-bc	bcor	40	37	.	-	-	2	-	2.6
Wick	c	cpr	cpr	cpr	41	39	.	0.1	16.30	1	<21.00	.
Tiree	bcco	cpbc	co	corq	42	40	39	-	-	4	3.30	2.0
Nairn	cdbc	bcx	bcx	bc	39	31	.	0.1	11.00	-	-	0.9
Aberdeen	cir c	cpr c	cprhor	or	40	38	35	0.2	<8.00	1	<21.00	0.0
Malin Head	bc	bcbcz	bzbcc	coir	43	37	.	-	-	2	2.30	3.5
Renfrew	cdc	czoz	ozcz	czor	41	35	32	Trace	<8.00	Trace	6.30	0.2
Edinburgh (Inchkeith)	p	o	cbcb	id o	42	38	32	Trace	9.00	Trace	3.30	0.7
Leuchars	cipr	cipr	cb c	c	41	37	33	0.1	<8.00	-	-	0.0
Eskdalemuir	cpr	bcop	oc	com	39	31	27	0.3	<8.00	-	-	1.4
Tynemouth	oir	co	cbc	bcc	43	40	35	0.3	<8.00	-	-	.
Blacksod Point ...	bbc	bcc	d cD	Do	50	39	.	-	-	6	-	.
Donaghadee	pbc	bc	cbcc	corr	45	42	.	-	-	4	2.30	..
Birr Castle	bbc	bcc	orr	oid	49	42	40	-	-	4	<21.00	3.4
Holyhead	bcmm	cbm	bm o	ifm	47	35	32	-	-	3	1.30	4.2
Liverpool (Bidston) ...	bbccb	bme	bofc	feor	41	33	29	-	-	0.6	5.30	5.4
Chester (Sealand) ...	bcxmb	bmmx	bfbcf	bcorff	44	31	23	-	-	3	4.30	5.5
Harrogate	bcc	coir	omm	omm	41	36	34	0.1	12.30	-	-	0.1
Spurn Head	c	omcz	F	ofcof	40	37	.	-	-	-	-	2.3
Birmingham (Edgbaston)	bcbm	mmb	bwfx	bfxor	41	33	20	-	-	0.3	6.30	2.5
Cranwell	bmbcm	bm	cbcm	cofc	40	26	24	-	-	-	-	5.4
Gorleston	bccm	mmc	cm m	m mc	41	37	34	-	-	-	-	1.0
Valentia (Cahirciveen)	ocbcc	ocp o	id R	ord	49	46	45	0.1	15.30	11	<21.00	0.6
Roches Point	bcc	cod d	oif	orofc	48	46	.	0.1	15.30	5	<21.00	.
Pembroke (St. Ann's H.)	bcm	bccm	or rm	orrff	47	43	.	-	-	8	<21.00	2.4
Rose-on-Wye	ifb	bz	bmx	bcor	46	29	19	-	-	1	5.30	6.7
Leafield	bbc	bcbw	bx	bcfr	44 47	32	18	0.1	-	0.3	5.30	7.4
Winchester (Worthy Dn.)	bcxbmb	bbcmx	bcbxm	bxofm	(46)	27	(19)	-	-	0.3	5.30	7.1
S. Farnborough ...	bxb	b	bm fx	bfcmx	47	23	19	-	-	-	-	6.9
London (Kew Obsy.) ...	bfxbc	bczmw	bwffox	offx	43	26	22	-	-	Trace	-	4.6
Croydon	bzbcz	bcz bf	bfmx	bmcmx	45	29	22	-	-	Trace	-	5.6
Shoeburyness	bz	bm	bm	off	44	22	19	-	-	-	-	6.2
Clacton-on-Sea ...	bz	bbcz	bczbm	bbcmx	43	29	23	-	-	-	-	6.2
Felixstowe	bm b	bm b	bbcm	bmoff	42	28	24	-	-	-	-	6.6
Lympne	bcbz	bcbmm	bmbf	bffxm	44	31	19	-	-	-	-	5.0
Scilly (St. Mary's) ...	bcc	c	codrffdm	odff	51	46	.	0.2	11.00	0.2	<21.00	1.5
Falmouth (Pendennis)	cr	omr	comrq	Fdd	(47) 50	46	.	2	<8.00	3	<21.00	0.2
Plymouth (Cattewater)	cddmb	b c	cod	omddd	(51)	43	37	0.2	<8.00	2	<21.00	3.6
Portland Bill	c	bcz	bscz	co	47	40	.	-	-	-	-	.
Southampton (Calshot)	cmbcbm	bmx	bxff	bxffx	43	31	19	-	-	0.1	5.30	5.5
Dungeness	bcbz	bczm	bcmmx	cmmf	46	30	.	-	-	.	-	.
Guernsey	bccidrg	d oc	coffw	offw	46	45	.	0.3	<8.00	0.1	-	0.0

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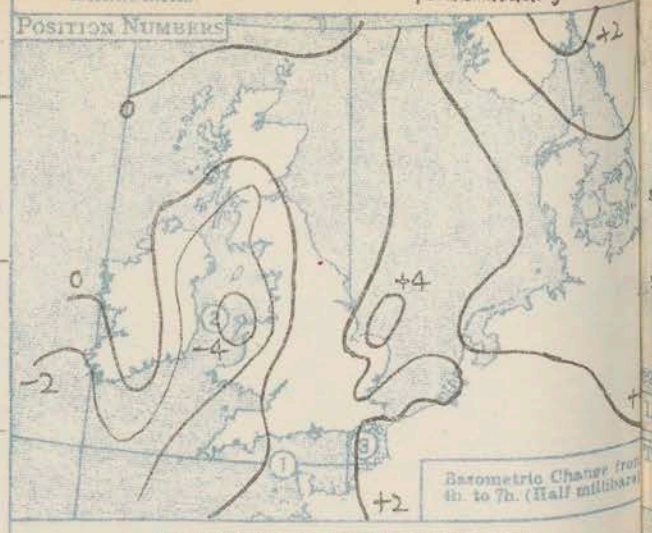
ISALLOBARS — 18th January 1928



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	17th 10h	Cambria	-	0	bc	43	47
1	17th 12h	Reindeer	ESE	3	c	48	50
3	18th 2h	Arundel	N	2	bc	44	47

GENERAL INFERENCE.

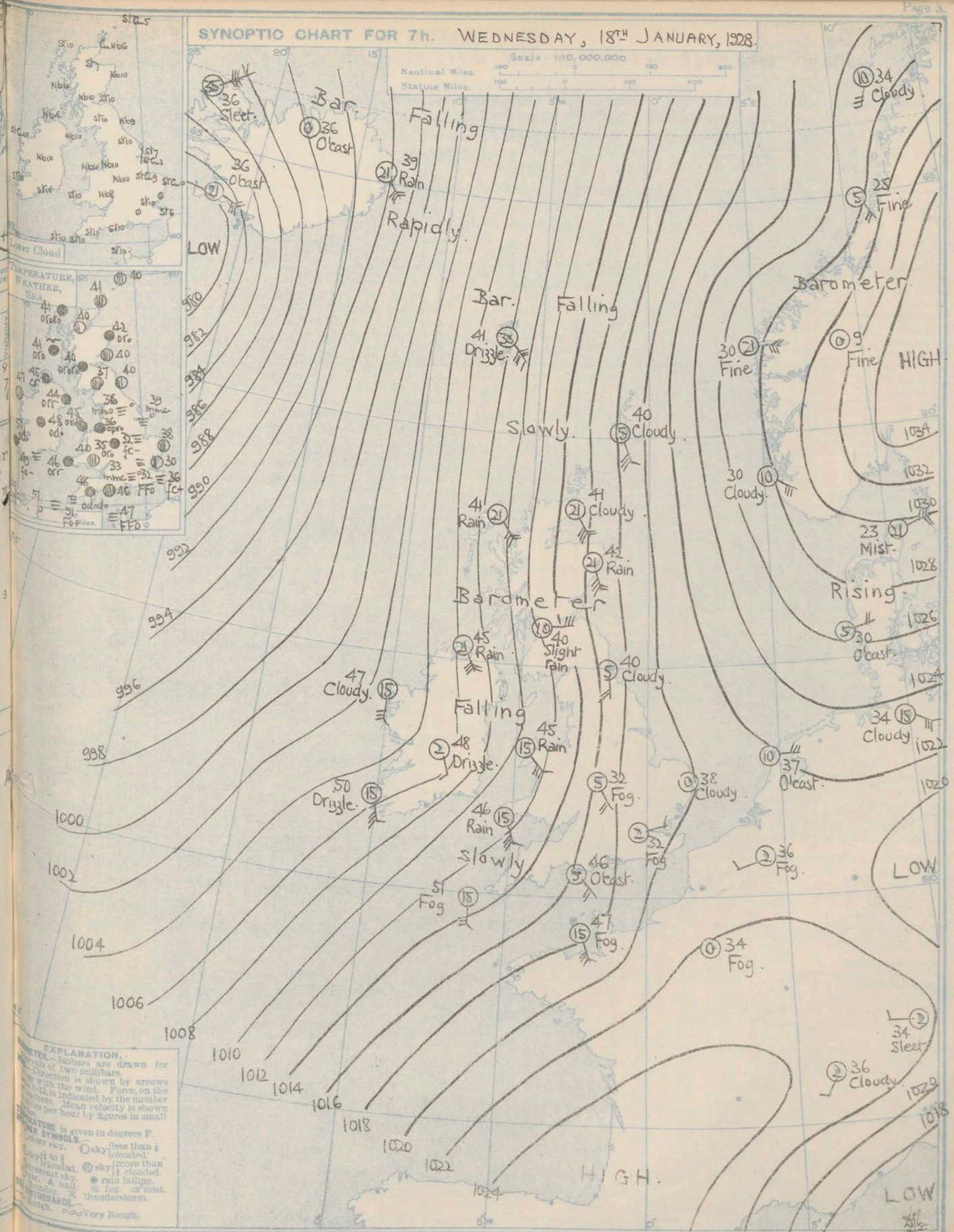
The large anticyclone over Scandinavia is still increasing in intensity but is moving slowly south-eastward. A very deep depression centred near South Greenland is spreading east, and a secondary is developing to southwest of Ireland and is likely to move northeast. Winds will be from a southerly point with unsettled weather.

Districts — Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 18th January, 1928.

Districts.	Forecasts	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind between south and southwest, light or moderate; cloudy, occasional rain; some mist or moderate fog; milder.	Unsettled.
5. S.W. England 6. South Wales	Wind between south and southwest, moderate to strong; cloudy, some rain; mild.	
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	Wind southerly, moderate or fresh, strong at times locally: cloudy, rain at times; mist locally; becoming milder.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind south, veering southwest, moderate to strong: rain at first: perhaps bright interbals later, with showers of rain or hail: mild at first, probably somewhat colder later.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0945 G.M.T. G. C. SIMPSON, F.R.S., Director.

2[illegible]/620. W. 125. D. 1/15. 13540. 1/28. § For code see page i. † 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...Wednesday..18th.January........1928. No.18.....

Observations at 1h. G.M.T...18th............ / Observations at 7h. G.M.T...18th............

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	Sea 0-9
Lerwick	64	1019.1	0	SE	3	e/ofo	39	92	7	4000	Nb	10	–	10	1018.6	-1	S'E	4	c	40	97	7	4000	StCu	5	ASt	8	*
Stornoway	30	1008.8	-2	SE	5	c+	*	*	6	*	*	*	*	10	1008.8	+1	SE	5	ofofo	41	92	6	1500	St	10	–	10	4
Wick	81	1014.9	-2	SSE	4	c/pfo	41	97	8	1500	CuNb	6	CiSt	8	1014.6	0	SSE	5	c	41	97	8	1500	CuNb	6	CiSt	8	4
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1007.0	0	SE	7	ofo	41	97	6	800	Nb	10	–	10	7
Nairn	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1012.6	*	W	1	bc+	40	85	8	1500	St	7	–	7	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.9	0	SSE	5	ofo	42	85	7	1500	Nb	10	–	10	4
Malin Head	51	1006.1	-7	SSE	6	c	41	85	7	5700	StCu	9	–	9	1005.0	+1	SE'S	5	cr	45	97	7	4000	Nb	4	A-St	10	3
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.6	-2	E	3	ofofo	40	75	6	1500	Nb	10	–	10	*
Edinburgh (Inchkeith)	190	1015.2	+1	SE	2	b	38	97	8	–	–	0	–	0	1014.0	-1	SE	2	o	40	85	8	800	St	10	–	10	0
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.1	0	SE	3	c	40	85	7	1500	StCu	7	A-St	10	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.9	-1	SSE	3	o	37	85	6	1500	St	10	–	10	*
Tynemouth	67	1017.1	+2	S	2	bc	40	97	7	1500	St	3	A.Cu	5	1017.5	0	S	2	c+	40	92	7	1500	Nb	9	–	9	4
Blacksod Point ...	18	1003.7	0	SE	5	oDD	46	75	5	*	Nb	10	–	10	1003.7	0	S	4	c	47	85	7	*	StCu	10	–	10	4
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1011.1	-3	SE	4	orr	44	92	7	1500	Nb	10	–	10	3
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1004.9	*	SE	1	odo	48	97	5	1500	Nb	10	–	10	*
Holyhead	26	1013.3	-1	SE	3	o	40	85	7	1500	St	10	–	10	1010.7	-4	SE	4	ofofo	45	97	6	1500	Nb	10	–	10	3
Liverpool (Bidston)...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.7	-1	ESE	4	o/pfo	36	92	5	1500	Nb	10	–	10	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.6	-2	SE	3	ffo	36	92	3	800	St	10	–	10	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.8	0	SSE	2	mmo	36	92	4	<150	St	10	–	10	*
Spurn Head	29	1017.8	+4	–	0	FFo	39	97	1	<150	St	10	–	10	1018.7	0	SSE	3	mmc	39	97	4	1500	St	10	–	10	2
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.1	0	SSE	2	ofo	35	92	6	1500	Nb	10	–	10	*
Cranwell	238	1018.0	+3	–	0	bc-	34	97	6	2500	StCu	2	A-St	6	1019.1	+1	SE'S	2	fc-	32	97	3	2500	StCu	9	–	9	*
Gorleston	14	1018.0	+4	W'N	1	c	39	92	5	2500	StCu	10	–	10	1019.7	+2	–	0	c	38	97	5	2500	StCu	10	–	10	
Valentia (Cahirciveen) ₱	30	1008.3	-1	SE'S	2	o/r	51	97	7	*	St	10	–	10	1005.7	-2	S'E	4	odo	50	97	6	1500	St	10	–	10	4
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1008.0	0	SW	1	fn-	49	97	3	450	St	10	–	10	1
Pembroke (St. Ann's H.)	150	1012.8	+1	SE'S	3	of	46	97	6	1500	Nb	10	–	10	1011.0	-2	SE'S	4	orr	46	97	3	1500	St	10	–	10	2
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1016.0	0	SSE	3	e/r	40	85	6	2500	Nb	8	ASt	10	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.9	0	SE	3	ofo	33	97	5	800	St	10	–	10	*
Winchester (Worthy Dn.)..	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.8	0	E'S	2	ofo	37	92	6	800	Nb	10	–	10	*
S. Farnborough ...	230	*		*	*	*	*	*	*	*	*	*	*	*	1018.5	0	SE	1	mmc	33	92	4	–	–	0	ASt	10	*
London (Kew Obsy.)...	18	*		*	*	*	27	*	*	*	*	*	*	*	1018.6	+1	ENE	1	FFD	32	97	1	<150	St	10	–	10	*
Croydon	244	1018.8	+3	S'E	2	mmb	29	92	4	–	–	0	–	0	1019.4	0	SSE	2	c	35	92	5	4000	StCu	9	–	9	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.4	+3	–	0	FFo	30	97	0	<150	St	10	–	10	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.8	+3	WNW	1	bc	30	92	6	–	–	0	ACu	7	1
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.3	+3	–	0	ffo	31	97	2	220	St	10	–	10	0
Lympne	350	1018.6	+4	NNW	1	fb+	33	97	2	–	–	0	–	0	1019.8	0	E'N	3	fc-	33	97	4	800	St	5	ACu	8	*
Scilly (St. Mary's) ...	163	1013.1	0	SSW	3	odod	51	97	4	2500	Nb	10	–	10	1012.5	-1	S	4	FFo	51	97	1	450	St	10	–	10	4
Falmouth (Pendennis)	200	1014.6	0	S'W	5	ofofo	48	92	6	2500	Nb	10	–	10	1014.3	-1	SW	4	Fo+	51	97	0	<150	St	10	–	10	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.4	-1	SSE	3	ododo	48	97	5	800	St	10	–	10	1
Portland Bill	52	1016.3	+1	ESE	3	c	46	92	6	2500	StCu	10	–	10	1015.9	0	SE	2	o	46	92	8	1500	St	10	–	10	
Southampton (Calshot)	16	1018.2	+2	–	0	ffb	32	92	3	–	–	0	–	0	1018.0	0	E'S	3	ofo	40	92	6	1500	Nb	10	–	10	0
Dungeness	20	1018.0	+6	NW	1	c+	33	85	4	450	St	8	–	8	1020.1	+2	SE	1	fc+	36	97	3	450	St	6	ACu	8	3
Guernsey (Fort George) ₱	295	1016.2	+2	–	0	c+	46	97	6	2500	StCu	10	–	10	1016.3	?	SSE	4	FFo	47	97	0	220	St	10	–	10	

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h/6th to 9h/7th (4) °F	Temperature Max. 9h.-17h. 17th (5) °F.	Rainfall Night 17h.-9h. 16th-17th (6) mm.	Rainfall Day 9h.-17h. 17th (7) mm.	Sunshine Sunrise to Sunset 17th (8) hr.
Berwick-on-Tweed	c	c	38	41	1	–	0.2
Douglas (I. o. M.) ...	bbc	c	32	43	0.3	–	4.8
Llandudno ...	cbbc	bcb	38	47	2	–	5.5
Colwyn Bay ...	cocb	bbcb	38	41	–	–	5.2
Rhyl...	bcb	bbc	33	46	–	–	4.5
Wallasey	bcb	b	33	43	trace	–	5.0
Southport	bbcif	bczbc	*34	42	–	–	3.2
Blackpool	mo	c	33	43	–	–	1.7
Ilkley	bcc	o	28	38	–	0.3	0.4
Cleethorpes... ...	cmb	cff	34	41	–	–	3.0
Skegness	bcbbc	bcm	33	45	trace	–	1.3
Aberystwyth ...	rbcb	bbz	32	48	–	–	6.9
Bath	rub	bm	33	44	–	–	[illegible]
Cheltenham‡ ...	pfobc	bbcm	30	44	–	–	6.6
Leamington Spa ...	bc	cm	31	41	–	–	[illegible]
Lowestoft	bco	c	34	40	–	–	6.3
Felixstowe	b	bm	34	42	–	–	[illegible]
Harwich & Dovercourt	b-bc	bcm	34	43	0.6	–	6.4
Southend	b-bc	bcm	34	45	–	–	6.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o	o	43	46	0.6	–	0.0
Bude	c	c	40	52	–	–	[illegible]
Penzance	odoc	irb	44	52	5	1	0.0
‡Paignton	ofpo	bmcm	39	48	1	trace	[illegible]
Torquay	ofrc	bcoc	41	48	1	0.3	[illegible]
Jersey	dcm	cm	42	42	1	1	0.0
Weymouth	mcc	cb	37	45	–	–	0.9
Bournemouth ...	fc	bcf	34	46	–	–	[illegible]
Ventnor ...	xb	cbz	34	49	–	–	[illegible]
Portsmouth (S'thsea)	cbc	b	34	46	–	–	[illegible]
Bognor	b	b	33	46	–	–	[illegible]
Littlehampton ...	bcb	b	34	44	–	–	[illegible]
Worthing	b	b	34	46	–	–	[illegible]
Brighton	b	b	[illegible]	46	–	–	[illegible]
Eastbourne‖... ...	b	bbcb	[illegible]	47	trace	–	[illegible]
Hastings‖	bmb	bbcb	36	45	0.1	–	[illegible]
Folkestone	bmb	bcm	35	45	0.4	–	[illegible]
Dover	mbm	b	38	44	–	–	[illegible]
Tunbridge Wells ...	b	bcb	33	46	–	–	[illegible]
Ramsgate	bm	bm	33	43	–	–	[illegible]
Margate	bc	bc	33	43	trace	–	[illegible]
Deal	b	b	35	43	–	–	[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. ₱ 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. ‡ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24164 Thursday 19th January 1928.

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

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	1016.9	-2	S'E	7	c	41	85	7	2500	St	5	ASt	10	•	1013.2	-3	S'E	8	od$_o$	39	85	7	4000	Nb	10	-	10	•
Stornoway	1005.3	-6	SE	2	o/pr$_o$	42	92	6	1500	St	10	-	10	•	998.3	-8	SE	4	or$_o$r$_o$	42	97	6	1500	St	10	-	10	3
Wick	1012.5	-2	S	7	c	42	97	8	1500	Nb	8	ASt	10	•	1006.1	-6	SSE	7	c	42	97	7	1500	St	4	ASt	10	6
Tiree	1004.9	-3	SE	7	od$_o$d$_o$	41	97	5	220	Nb	10	-	10	2	997.3	-8	E'S	7	or$_o$	43	97	6	220	Nb	10	-	10	7
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1003.5	•	SSE	3	c+	43	75	7	1500	St	8	-	8	•
Aberdeen	1014.4	-4	SSE	5	o/r	42	85	6	1500	Nb	10	-	10	2	1009.5	-5	SSE	6	or$_o$	42	85	6	1500	Nb	10	-	10	4
Malin Head	1002.4	-3	SE	4	cd$_o$	45	97	6	800	St	9	-	9	•	997.0	-4	SW	5	or	50	97	7	2500	Nb	6	ASt	9	3
Renfrew	1010.3	-5	ESE	4	odd$_o$	40	92	5	1500	Nb	10	-	10	2	1004.4	-6	E	2	orr	41	92	4	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1011.8	-3	ESE	3	orr	39	92	7	800	Nb	10	-	10	•	1005.8	-6	SE	3	orr	39	92	7	800	Nb	10	-	10	1
Leuchars	1013.3	-5	SSE	5	c	41	75	6	2500	St	8	ASt	10	1	1007.8	-5	SE	5	ORR	38	92	6	220	Nb	10	-	10	•
Eskdalemuir	1012.0	-6	SE	4	o/r	37	92	6	800	St	10	-	10	2	1006.2	-6	SSE	3	orr	38	92	6	800	Nb	10	-	10	•
Tynemouth	1015.3	-3	SSE	3	o	41	85	6	1500	Nb	10	-	10	•	1009.8	-3	SSE	4	o	41	85	6	1500	Nb	10	-	10	4
Blacksod Point	999.6	-3	S	4	c	49	85	7	•	StCu	10	-	10	•	1000.4	+2	WSW	6	bc	47	75	7	•	CuNb	6	-	6	6
Donaghadee ... odd	1007.3	-5	S	5	~~[illegible]~~	45	97	4	1500	St	10	-	10	•	1002.7	-6	S'E	5	ORR	46	97	6	1500	St	10	-	10	4
Birr Castle	1000.9	•	SE	3	orr	50	97	6	1500	Nb	10	-	10	•	1003.5	•	W	4	c/r	47	85	6	1500	Nb	9	-	9	•
Holyhead	1007.4	-5	SSE	5	or$_o$	47	97	6	800	Nb	10	-	10	2	1004.8	-1	S	4	orr	47	97	5	450	Nb	10	-	10	3
Liverpool (Bidston)	1011.0	-3	ESE	5	odd	38	97	4	1500	Nb	10	-	10	•	1006.4	-4	SE	5	o/r	41	97	6	1500	Nb	10	-	10	•
Chester (Sealand)	1011.1	-5	SSE	5	or$_o$	40	97	4	450	St	10	-	10	2	1006.6	-3	SE	5	or$_o$r$_o$	42	92	4	450	Nb	10	-	10	•
Harrogate	1016.0	-1	SE'S	3	o	37	85	5	2500	St	10	-	10	•	1011.0	-5	SE'S	4	orr	37	97	5	2500	Nb	10	-	10	•
Spurn Head	1017.7	-1	SE'S	4	o/f	39	97	5	1500	St	10	-	10	•	1012.4	-6	SE	6	o	40	92	6	1500	St	10	-	10	4
Birmingham (Edgbaston)	1014.7	-4	SSE	3	odd	38	97	3	1500	Nb	10	-	10	2	1009.5	-6	SE	4	or$_o$r$_o$	41	97	5	1500	Nb	10	-	10	•
Cranwell	1018.9	-1	SE	3	od$_o$	35	97	3	450	St	10	-	10	1	1013.8	-6	SE	5	odd	37	97	4	450	St	10	-	10	•
Gorleston	1019.8	0	SE'S	3	c	41	92	6	2500	StCu	10	-	10	•	1016.7	-3	SE	5	c	41	85	6	4000	StCu	10	-	10	1
Valentia (Cahirciveen)	1003.3	0	SW'S	4	c	51	92	8	800	St	10	-	10	2	1007.7	+5	SW'W	5	bc	48	65	8	2500	St	7	-	7	4
Roches Point	1005.0	-3	SW	3	odd	50	97	5	450	St	10	-	10	•	1007.1	+4	NW	3	c	49	85	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1008.0	-4	SSE	4	or$_o$r$_o$	49	97	2	450	St	10	-	10	•	1005.8	-2	SW	4	or$_o$r$_o$	49	97	6	1500	St	10	-	10	4
Ross-on-Wye	1012.6	-3	SE	2	od$_o$	44	97	6	1500	Nb	10	-	10	2	1007.7	-6	SE	4	or-	47	92	6	1500	Nb	10	-	10	•
Leafield	1014.6	-3	SE	5	orr	37	97	4	220	St	10	-	10	2	1010.3	-5	SE	4	orr	42	97	4	220	St	10	-	10	•
Winchester (Worthy Dn.)	1016.7	-4	SE	5	od$_o$	44	97	5	450	St	10	-	10	1	1011.6	-4	SE	4	or	45	97	5	450	Nb	10	-	10	•
S. Farnborough	1016.5	-4	SE	3	cdd	41	97	5	2500	Nb	7	ASt	10	2	1012.4	-5	SSE	4	or-	44	97	5	800	Nb	10	-	10	•
London (Kew Obsy.)	1017.7	-2	SE'S	3	or$_o$	42	75	5	1500	Nb	10	-	10	2	1013.1	-6	ESE	3	orr	43	97	5	800	Nb	10	-	10	•
Croydon	1017.6	-4	SSE	4	cr$_o$	41	85	6	4000	St	6	ASt	10	2	1013.4	-5	SSE	4	orr	43	97	5	450	Nb	10	-	10	•
Shoeburyness	1019.2	-3	E'S	1	fc-	41	92	4	4000	StCu	10	-	10	•	1015.3	-5	ESE	3	orr	40	97	5	1500	Nb	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.9	-4	ESE	4	od+	41	85	6	4000	St	10	-	10	3
Felixstowe	1019.8	-3	SE'S	3	c	41	92	5	5700	StCu	6	ASt	10	1	1016.9	-4	SE	4	cr$_o$	41	92	5	800	StCu	10	-	10	3
Lympne	1018.6	-3	ESE	4	c	40	85	7	5700	StCu	6	ASt	10	2	1015.5	-4	SE'E	4	o	40	97	5	800	St	10	-	10	•
Scilly (St. Mary's)	1010.6	-3	S'W	4	odd	52	97	1	450	St	10	-	10	•	1009.8	0	WSW	4	or	50	97	6	2500	Nb	10	-	10	4
Falmouth (Pendennis)	1010.7	-3	SW	6	or$_o$r$_o$	52	97	4	460	St	10	-	10	•	1008.8	-2	WSW	5	or$_o$r$_o$	51	97	6	2500	Nb	10	-	10	1
Plymouth (Cattewater)	1011.8	-4	SSW	4	odd	50	97	4	<150	St	10	-	10	2	1009.2	-2	SSW	4	odd	50	97	4	~~220~~	St	10	-	10	2 <120
Portland Bill	1012.9	-3	SSE	4	ODD	47	97	2	460	St	10	-	10	•	1009.8	-4	S	4	ODD	49	97	2	220	St	10	-	10	5
Southampton (Calshot)	1015.8	-4	SE'E	5	or$_o$r$_o$	44	97	5	800	Nb	10	-	10	1	1011.6	-4	SSE	4	orr	45	97	5	460	Nb	10	-	10	0
Dungeness	1018.9	-3	SSE	3	c	43	85	8	4000	StCu	10	-	10	•	1015.0	-4	S	4	odd	42	97	6	800	Nb	10	-	10	3
Guernsey (Fort George)	1016.0	-3	S	3	odd	49	97	5	450	St	10	-	10	•	1013.4	-2	S	4	orr	51	97	2	220	St	10	-	10	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	ofxor$_o$	om$_o$r	orrmcrb	44	41	36	2	8	0.0	*	*	6
Croydon } 24 hours ended 7h.	244	cmor$_o$r$_o$	com$_o$r$_o$r	om$_o$rmb	43	40	36	1	9	0.0	*	*	5
Greenwich (Royal Obsy.)	149	fmd	odr$_o$r	oforb	44	39	32	2	9	0.0	95	78	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	•
Westminster (St. James' Pk.)	27	*	*	*	48	37	31	12		0.0	92	78	•
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	•
Camden Square	110	ofc	oror	*	42	40	34	2	9	*	*	79	•
Kensington Palace	80	om	orf	*	43	40	*	2	9	*	(At 18h) 100	73	•
Hampstead Observatory	450	*	*	*	47	31	26	5	6	0.0	*	81	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 19th

South Kensington Max.	Time.	Min.	Time.
2.0	10h 18th	<0.3	2h 19th

Kew Observatory Max.	Time.	Min.	Time.
2.6	10h 18th	<0.3	1h 19th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th 17 h. 30 m. to 19th 6 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13 15	1.48	14
δ Ursae Minoris	13 15	1.43	13

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 3 ins. deep).
4=Bare ground frozen (but more than 3 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.

19th 20th Jan, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.57 / 7.56	12.4 / 12.4	16.11 / 16.13
Greenwich	7.59 / 7.58	12.10 / 12.11	16.23 / 16.24
Wick	8.48 / 8.46	12.23 / 12.23	15.58 / 16.1
Valentia	8.42 / 8.41	12.51 / 12.52	17.2 / 17.3

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.

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.

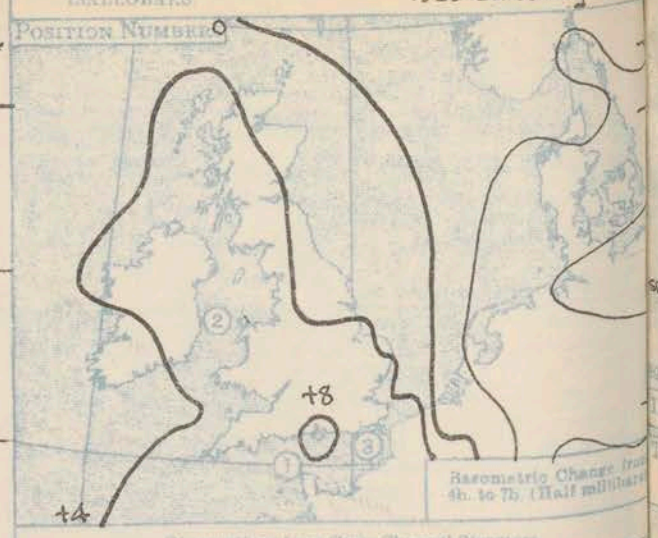
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-13h. 18th	Weather. 13h.-18h. 18th	Weather. 18h. to 1h. 19th	Weather. 1h.-7h. 19th	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 18th Hours.
Lerwick	coirc	coird	orr	orr	42	37	•	0·1	<8.00	7	<21.00	0·0
Stornoway	r-d	r-d	c	r-d	42	42	•	5	*	8	*	0·0
Wick	cprc	c	orr	orrbc	43	38	•	0.4	9.00	11	<21.00	•
Tiree	ddmo	ddr	proq	prcbc	43	42	39	1	<8.00	4	<21.00	0·0
Nairn	bcc	cq	qprcx	bc	43	36	•	–	–	3	<21.00	0·0
Aberdeen	or	oirq	orrmq	orrbcm	42	37	32	0·2	<8.00	21	<21.00	0·0
Malin Head	ored	cr	crbcpl	bcpl	51	40	•	2	<8.00	1	<21.00	0·0
Renfrew	orrR	orrm	oRRiR	bccp	41	40	37	18	<8.00	13	<21.00	0·0
Edinburgh (Inchkeith)	p	orr	iRr	bcb	41	38	37	7	<8.00	12	<21.00	0·0
Leuchars	c	crrR	RR	rbcb	41	35	33	5	13.30	29	<21.00	0·0
Eskdalemuir	oirm	odorrm	orrm	orrmcbc	38	36	34	10	9.00	12	<21.00	0·0
Tynemouth	o	o	orrq	orr	42	39	36	–	–	16	<21.00	•
Blacksod Point	po	Rbc	Pbc	pcb	50	40	•	3	*	1	*	•
Donaghadee	oddmm	oRR	RRc	cbcb	47	36	•	13	<8.00	6	<21.00	•
Birr Castle	orrm	oirc	cbc	bcx	52	35	26	4	<8.00	–	–	0·0
Holyhead	irid	rRrr	rrRcbc	b	49	42	40	9	<8.00	4	<21.00	0·0
Liverpool (Bidston)	orfr	omrr	omrr	ocbc	41	40	37	9	<8.00	4	<21.00	0·0
Chester (Sealand)	rroirm	orrrm	orrrm	cbc	42	41	38	6	<8.00	4	<21.00	0·0
Harrogate	omo	oirrr	orrid	orrb	37	36	34	1	13.30	15	<21.00	0·0
Spurn Head	f-m	o	oD	oRo	41	39	•	–	–	11	<21.00	0·0
Birmingham (Edgbaston)	orrdm	fodrr	orrrr	orcprq	41	37	34	5	<8.00	8	<21.00	0·0
Cranwell	xcoF	ofide	od	odcb	37	37	34	0·1	12·30	9	<21.00	0·0
Gorleston	cnmc	c	corrfrq	orrq	41	39	38	–	–	11	<21.00	0·0
Valentia (Cahirciveen)	oird	opcbc	bcph	bcphb	~~48~~ 53	~~37~~ 41	37	2	<8.00	1	<21.00	0·0
Roches Point	ofeodd	odc	cbc	bcb	52	40	•	2	9.00	–	–	•
Pembroke (St. Ann's H.)	orrFf	orriF	crbc	bcbq	50	44	•	9	<8.00	2	<21.00	0·0
Ross-on-Wye	ordd	drr	rdrc	bcqbq	47	40	34	7	<8.00	3	<21.00	0·0
Leafield	omrr	forr	orr	orqbcb	42	37	33	5	<8.00	7	<21.00	0·0
Winchester (Worthy Dn.)	orodm	orrmr	orrmxq	orcb	45	38	34	4	<8.00	5	<21.00	0·0
S. Farnborough	omrd	odr	orr	orqb	44	39	34	3	<8.00	7	<21.00	0·0
London (Kew Obsy.)	ofxor	omr	orrmc	crb	44	41	36	2	9.00	8	<21.00	0·0
Croydon	cmmrr	comrr	omrr	orrmb	43	40	36	1	9.00	5	<21.00	0·0
Shoeburyness	ofom	oddrro	orr	orb	42	39	38	1	14·30	14	<21.00	0·0
Clacton-on-Sea	bcom	omd	odrr	orcbc	41	39	38	0·1	17·30	13	<21.00	0·0
Felixstowe	ofcm	omr	corr	cr	~~41~~ 41	39	39	Trace	16·30	12	<21.00	0·0
Lympne	cmxofc	corm	orrff	orrfqbc	41	39	39	Trace	16·30	16	<21.00	0·0
Scilly (St. Mary's)	ffod	omir	cirbcb	bc	51	45	•	2	<8.00	2	<21.00	0·0
Falmouth (Pendennis)	Fomr	omrq	orm	bcq	bbc	52	43	•	3	9·00	4	22·00	0·0
Plymouth (Cattewater)	pfefed	nomddr	omd	rr	cb	51	43	40	5	9·00	2	<21.00	0·0
Portland Bill	cDf	prrfoDf	odfdo	cb	49	44	•	6	9.00	1	<21.00	•
Southampton (Calshot)	orrm	orrrm	orrirq	orqbq	46	41	38	11	<8.00	5	<21.00	0·0
Dungeness	ffc	codd	cdmrmr	rcbc	43	40	•	Trace	16.30	8	<21.00	•
Guernsey	nDDff	[illegible]	[illegible]	ocbcqv	51	45	•	6	<8.00	5	<21.00	0·0

ISALLOBARS — 19th January 1928

POSITION NUMBERS



Barometric Change from 4h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1d. 18h.	Cambria	SE	5	dd	48	48
3	2h. 19h.	Dieppe	SW	5	c	50	48

GENERAL INFERENCE.

A wedge of high pressure crossing the British Isles will give a short fine interval, but a deep depression on the Atlantic will soon extend its influence over the British Isles.

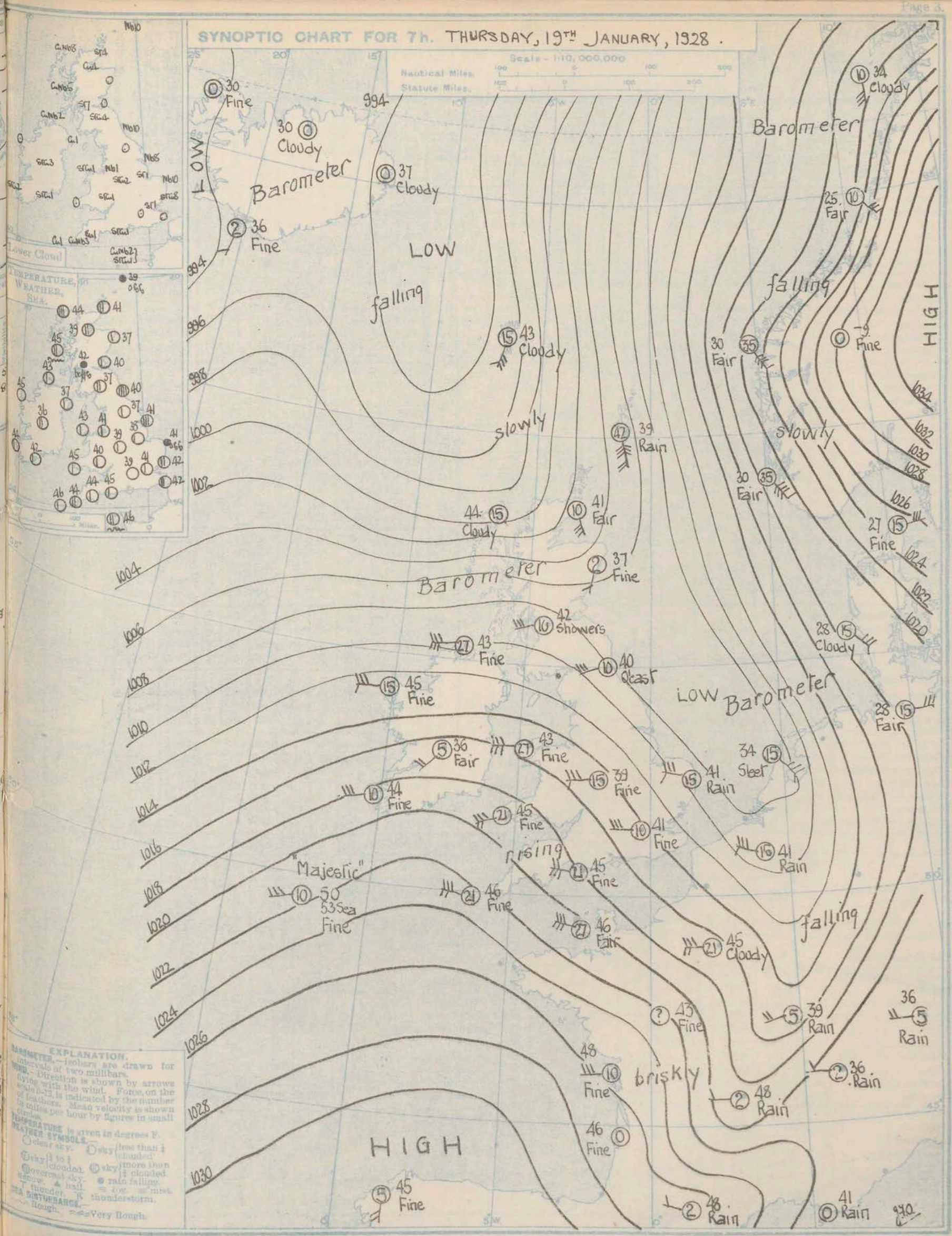
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 19th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind W., moderate or fresh, backing S. later; fine today, some rain tomorrow: rather mild.	Unsettled and rather mild.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind backing S., moderating then becoming fresh or strong, perhaps a gale; fine today, some rain tomorrow: mild.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4	
12. S.W. Scotland & Isle of Man 13 A. W. Scotland 13 B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind W., moderating temporarily and backing S., strong to a gale later; fine at first apart from local showers; heavy rain later; mild.	South Cone hoisted at 17h. G.M.T. yesterday and lowered at 9h.20m. G.M.T. today in districts 10, 11, 15 and 16. ▼ South Cone hoisted at 9h.20m G.M.T. today in districts 17 and 20.
17. N.W. Ireland ▼ 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland ▼	Wind between S. and S.W, strong to a gale at times; becoming dull and rainy: mild.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0955 G.M.T.

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

† Trace = rain measurable, but amount less than ·01 mm.

† For code see page 1



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Thursday 19th January 1928. No. 19

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	64	1007.2	-3	S'E	8	oror	39	97	7	4000	Nb	10	-	10	1005.2	-2	S'E	8	oror	39	97	7	4000	Nb	10	-	10	•
Stornoway	30	997.3	-1	WSW	5	c	•	•	6	•	•	•	•	10	998.9	+6	WSW (SE)	4	c/r	44	92	7	4000	CuNb	8	-	8	3
Wick	81	1001.5	-2	SSE	8	orr	41	97	7	1500	St	10	-	10	1002.6	+2	SSE	3	bc	41	97	8	1500	St	4	-	4	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.3	+6	W	6	bcjp	45	92	7	1500	CuNb	5	-	5	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.9	•	-	0	bc-	39	75	8	4000	Cu	4	-	4	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.7	+3	SSW	1	b	37	97	5	-	-	0	A.St	1	5
Malin Head	51	1003.6	+5	W	5	bc/pro	42	92	7	4000	CuNb	5	-	5	1009.8	+4	W	6	bjp	43	92	8	4000	CuNb	2	-	2	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.5	+5	W'S	3	bc/pro	42	85	7	2500	St	7	-	7	•
Edinburgh (Inchkeith)	190	1001.8	0	WSW	2	o/r	41	97	7	800	St	10	-	10	1006.8	+4	WSW	3	b	40	97	8	-	-	0	ACu	1	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.1	+4	WSW	3	b	37	97	7	4000	StCu	2	-	2	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.9	+6	W	4	bc+	37	85	7	1500	StCu	4	-	4	•
Tynemouth	67	1005.4	-1	S	3	orr	40	97	7	1500	Nb	10	-	10	1007.7	+3	WSW	3	o/r	40	85	7	1500	Nb	10	-	10	4
Blacksod Point	18	1007.9	+4	W	6	bc	44	85	6	•	CuNb	6	-	6	1013.3	+4	W	4	b	45	75	7	•	-	0	-	0	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.9	+7	NW	2	b-	37	85	8	4000	Cu	1	-	1	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.1	•	SW	2	bc-	36	92	7	2500	StCu	3	-	3	•
Holyhead	26	1008.6	+5	W	6	bc-	45	85	7	1500	St	3	-	3	1014.5	+6	W	6	b	43	85	8	4000	StCu	1	-	1	5
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.8	+7	W	5	b-	41	85	7	1500	Nb	1	Ci	1	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.8	+7	W	5	b	41	75	7	4000	StCu	2	-	2	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	+3	WSW	3	b	37	85	7	-	-	0	ACu	1	•
Spurn Head	29	1005.4	-2	SSE	5	oDD	40	97	4	1500	Nb	10	-	10	1008.4	+3	W'N	7	c-	41	75	7	4000	Nb	8	-	8	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.4	+6	W	4	b-	39	85	8	4000	StCu	2	-	2	•
Cranwell	236	1007.5	-1	W'N	3	odod	37	97	5	800	Nb	10	-	10	1011.7	+5	W'N	3	b	38	92	7	2500	St	1	-	1	•
Gorleston	14	1007.4	-8	SSE	6	orr	40	97	6	800	Nb	10	-	10	1008.6	+1	NW'W	4	oror	41	92	7	1500	Nb	10	-	10	1
Valentia (Cahirciveen) ₱	30	1014.9	0	W	6	bjp	44	97	8	*	Nb	7	-	7	1018.9	+2	WSW	3	b	44	75	8	2500	StCu	2	-	2	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.0	+3	W	2	b	42	97	8	2500	StCu	1	-	1	1
Pembroke (St. Ann's H.)	150	1011.6	+5	WSW	5	bc-	46	75	7	2500	Cu	4	-	4	1018.2	+5	WSW	5	b-	45	75	8	-	-	0	ASt	1	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.8	+6	W'N	4	b	40	75	8	4000	StCu	1	-	1	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.3	+5	W'N	5	b	38	85	8	4000	StCu	1	-	1	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.8	+4	W	4	b	39	85	8	-	-	0	-	0	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.4	+5	W	4	b	39	75	8	-	-	0	-	0	•
London (Kew Obsy.)	18	•	•	•	•	•	49	•	•	•	•	•	•	•	1014.9	+6	W	3	b	41	75	7	2500	St	1	-	1	•
Croydon	244	1007.9	-3	W	4	orr	49	92	5	450	Nb	10	-	10	1014.7	+5	W	3	b	40	75	7	2500	StCu	1	-	1	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.9	+5	WNW	5	b/r	41	75	8	-	-	0	ASt	1	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	+4	WNW	4	bc	42	92	7	4000	StCu	5	-	5	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	+5	W	5	c	43	75	8	2500	StCu	8	-	8	3
Lympne	350	1007.9	-6	SE	4	orr	45	97	0	<150	St	10	-	10	1013.1	+4	WSW	5	bc-	41	92	6	800	Nb	5	-	5	•
Scilly (St. Mary's)	163	1016.3	+5	W'N	7	bc-	47	75	9	4000	Cu	3	-	3	1022.0	+6	WNW	5	b-	46	75	8	4000	Cu	1	-	1	5
Falmouth (Pendennis)	200	1015.4	+6	NW'W	4	b	46	75	8	4000	Cu	2	-	2	1021.4	+5	WNW	4	bc+	44	75	8	4000	CuNb	3	-	3	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	+7	NW	4	b	44	75	7	2500	Cu	1	-	1	1
Portland Bill	32	1010.8	+5	W'N	5	o/r	47	85	8	2500	St	10	-	10	1017.9	+6	W'N	5	b	45	65	8	2500	StCu	1	-	1	5
Southampton (Calshot)	10	1010.3	+2	NW'W	5	oro	46	75	7	1500	Nb	10	-	10	1017.0	+9	WNW	5	b-	42	75	7	-	-	0	-	0	3
Dungeness	20	1007.7	-6	S	4	orr	47	97	5	800	Nb	10	-	10	1013.1	+5 (+6)	W	3	bc-	42	85	8	-	-	0	ACu	3	-
Guernsey (Fort George) ₱	295	1013.0	+4	WNW	5	c+	48	75	8	4000	StCu	10	-	10	1021.3	+6	NW'W	6	bcv	46	65	9	2500	CuNb	3	•	3	6

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

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. 17-18th (6) mm.	Rainfall Day 9h.-17h. 18th (7) mm.	Sunshine Sunrise to Sunset 18th (8) hr.
Berwick-on-Tweed	c	o	38	41	-	-	0.0
Douglas (I. o. M.)	oRR	oRR	33	43	10	22	0.0
Llandudno	cd	rrc	35	47	1	2	0.0
Colwyn Bay	bbcco	ororo	36	47	2	1	0.0
Rhyl	orro	ro	31	44	3	1	0.0
Wallasey	rrb	brr	33	41	1	9	0.0
Southport	rorr	rr	*33	41	1	14	0.0
Blackpool	or	orr	34	41	2	9	0.0
Ilkley	gr	gor	34	39	0.4	1	0.0
Cleethorpes	fo	o	35	40	-	-	0.0
Skegness	cmo	o	35	40	trace	-	0.0
Aberystwyth	obrr	rr	35	51	2	5	0.0
Bath	crr	rrd	30	47	1	4	0.0
Cheltenham‡	or	orq	31	44	2	3	0.0
Leamington Spa	or	or	26	45	0.3	4	0.0
Lowestoft	feoc	c	34	47	trace	-	0.2
Felixstowe	bcmc	mcm	29	41	trace	-	0.0
Harwich & Dovercourt	ecf	ocm	27	41	trace	-	0.0
Southend	f	ofod	28	40	-	0.6	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	or	rr	43	53	1	5	0.0
Bude	gd	d	40	54	0.3	5	0.0
Penzance	ofdr	orrq	44	53	4	4	0.0
‡Paignton	odmor	dmodr	41	53	1	7	0.0
Torquay	odrmo	drfmr	42	52	1	5	0.0
Jersey	d	rd	45	50	1	3	0.0
Weymouth	dfr	rd	34	50	0.2	1	0.0
Bournemouth	rr	rr	30	46	0.3	13	0.0
Ventnor	xor	f	35	45	0.5	9	0.0
Portsmouth (S'thsea)	rod	morf	33	45	0.4	7	0.0
Bognor	rcco	rRR	34	45	0.3	4	0.0
Littlehampton	cor	or	31	44	0.1	4	0.0
Worthing	or	or	29	45	-	4	0.0
Brighton	o	or	30	45	-	1	0.0
Eastbourne‡	odo	orr	29	45	trace	1	0.0
Hastings‖	xcmo	obdo	34	45	0.2	0.2	0.0
Folkestone	xcom	omr	31	42	-	trace	0.0
Dover	moco	odo	30	42	-	trace	0.0
Tunbridge Wells	o	omer	27	43	-	0.3	0.0
Ramsgate	cm	cm	32	42	trace	-	0.0
Margate	of	oc	32	43	trace	-	0.0
Deal	oxo	odo	30	42	-	trace	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. B24165 FRIDAY 20TH JANUARY 1928.

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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1006.2	+1	S'E	8	cjp	42	92	7	4000	Nb	10	-	10	•
Stornoway	1008.1	+6	W	4	bc-	46	65	8	4000	Cu	2	CiSt	4	•
Wick	1009.3	+7	WSW	2	bc	44	92	8	1500	CuNb	5	CiSt	7	•
Tiree	1012.7	+3	WSW	6	bc	46	97	8	1500	StCu	3	ACu	6	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1011.8	+5	SW	2	bc	43	85	7	5700	StCu	4	CiSt	4	2
Malin Head	1014.6	+2	SSW	4	bc	45	92	7	-	-	0	CiCu	3	•
Renfrew	1015.3	+6	W	4	c	47	65	7	4000	Cu	1	CiSt	8	2
Edinburgh (Inchkeith)	1013.0	+5	WSW	3	bc+	44	85	7	-	-	0	Ci	5	•
Leuchars	1013.2	+8	W	5	bc	46	65	8	4000	Cu	1	Ci	6	2
Eskdalemuir	1016.2	+6	S	1	bc-	42	75	8	2500	Cu	6	Ci	7	2
Tynemouth	1013.6	+6	W	3	bc	45	75	7	1500	CuNb	6	-	6	•
Blacksod Point	1014.1	+1	S	6	c+	48	92	7	•	StCu	10	-	10	•
Donaghadee	1018.1	+4	W	2	bc-	45	65	8	4000	Cu	1	ACu	3	•
Birr Castle	1019.1	•	SSE	2	bc	45	85	7	2500	StCu	2	CiCu	3	•
Holyhead	1019.9	+4	SW'W	4	b	45	92	7	4000	Cu	1	CiSt	2	2
Liverpool (Bidston)	1018.9	+3	W	6	b+	44	75	7	2500	Cu	1	Ci	1	•
Chester (Sealand)	1019.0	+4	WNW	6	b	46	65	8	2500	Cu	1	-	1	1
Harrogate	1016.4	+7	W	4	b	43	75	8	-	-	0	ACu	1	•
Spurn Head	1015.4	+4	WNW	6	b	43	85	6	-	-	0	CiSt	1	•
Birmingham (Edgbaston)	1019.9	+4	WNW	5	b	45	65	8	4000	Cu	1	-	1	2
Cranwell	1017.6	+5	W'N	4	bc+	43	75	6	2500	Cu	7	-	7	2
Gorleston	1013.3	+3	WNW	6	c+	43	85	6	1500	Nb	9	-	9	•
Valentia (Cahirciveen)	1018.9	-2	S	4	bc	53	85	8	1500	StCu	7	-	7	1
Roches Point	1021.6	+1	SW	3	c	50	85	8	1500	StCu	7	CiCu	8	•
Pembroke (St. Ann's H.)	1022.3	+2	W	4	bc+	48	85	8	1500	StCu	2	Ci	4	•
Ross-on-Wye	1021.3	+3	W'N	3	bc+	46	66	8	4000	Cu	4	-	4	2
Leafield	1020.4	+5	WNW	4	b	43	75	8	4000	Cu	1	-	1	2
Winchester (Worthy Dn)	1021.3	+3	W'N	4	bc	46	65	8	4000	Cu	4	-	4	1
S. Farnborough	1021.0	+6	WNW	4	b	46	65	8	2500	Cu	2	-	2	2
London (Kew Obsy.)	1020.0	+4	WNW	4	b	45	55	7	2500	Cu	1	-	1	2
Croydon	1020.1	+4	WNW	4	b	45	65	7	2500	Cu	1	-	1	2
Shoeburyness	1018.4	+6	WNW	5	b	46	65	8	2500	Cu	1	-	1	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1016.4	+4	WNW	6	b	45	75	8	2500	Cu	1	ACu	1	2
Lympne	1018.8	+4	WNW	5	b	44	65	6	1500	Cu	1	-	1	2
Scilly (St. Mary's)	1024.3	0	SW'W	4	bc	51	75	7	4000	Cu	4	-	4	•
Falmouth (Pendennis)	1025.4	+1	W	4	bc+	51	65	8	4000	StCu	5	ACu	7	•
Plymouth (Cattewater)	1024.7	+2	W	4	bc-	48	85	7	2500	CuNb	7	ACu	7	2
Portland Bill	1022.5	0	WSW	5	b	48	65	8	2500	StCu	1	-	1	•
Southampton (Calshot)	1021.7	+2	WNW	6	b	47	65	8	4000	Cu	1	-	1	0
Dungeness	1018.9	+5	W	4	b	46	65	8	1500	Cu	1	-	1	•
Guernsey (Fort George)	1025.9	+3	NW'W	5	b	48	75	8	2500	Cu	2	-	2	•

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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1008.6	+3	SSW	2	c	44	92	7	5700	StCu	5	ASt	8	•
Stornoway	1008.3	0	SW	5	cd.	45	97	7	4000	CuNb	10	-	10	4
Wick	1010.9	+2	SW	3	bc	43	85	8	2500	StCu	7	-	7	4
Tiree	1012.3	0	S'E	6	c	46	92	8	1500	CuNb	8	-	8	4
Nairn	1011.3	•	SW	1	bc+	44	75	8	4000	StCu	7	-	7	•
Aberdeen	1015.2	+3	S	2	b	39	85	6	5700	StCu	1	-	1	1
Malin Head	1011.9	-3	S	6	bc+	46	92	7	1500	StCu	7	-	7	4
Renfrew	1017.0	+2	SW	4	b-	41	85	7	4000	StCu	1	-	1	•
Edinburgh (Inchkeith)	~~1016.7~~	+3	SW	3	b+	42	85	7	1500	St	1	-	1	1
Leuchars	1016.1	+3	SW	3	bc	41	85	8	4000	StCu	1	Ci	5	•
Eskdalemuir	1019.2	+5	SSW	3	b-	36	85	7	2500	Cu	1	-	1	•
Tynemouth	1018.8	+6	W	2	bc-	40	85	6	800	St	4	-	4	4
Blacksod Point	1012.4	-3	S	6	o	48	92	7	•	Nb	10	-	10	6
Donaghadee	1018.5	+1	WSW	2	bc	44	75	8	4000	Cu	1	ACu	3	2
Birr Castle	1017.7	•	S	3	c+	48	85	7	1500	Nb	9	-	9	•
Holyhead	1021.4	+3	S'W	3	c	45	97	6	7200	StCu	9	-	9	1
Liverpool (Bidston)	1022.0	+3	SW	4	b	41	75	7	2500	St	1	-	1	•
Chester (Sealand)	1021.9	+3	WSW	2	b	40	86	6	-	-	0	Ci	1	•
Harrogate	1021.1	+3	W	2	b	38	85	7	-	-	0	-	0	•
Spurn Head	1020.6	+6	W'N	5	b	40	92	6	-	-	0	-	0	4
Birmingham (Edgbaston)	1023.9	+5	WSW	2	b	40	75	6	-	-	0	Ci	1	•
Cranwell	1022.6	+7	W	3	b	39	85	6	-	-	0	-	0	•
Gorleston	1020.6	+8	WNW	2	c	44	75	6	4000	StCu	10	-	10	0
Valentia (Cahirciveen)	1017.8	0	S'E	5	c	51	85	8	1500	St	10	-	10	4
Roches Point	1020.9	0	SW	3	c	49	97	8	1500	StCu	9	-	9	4
Pembroke (St. Ann's H.)	1023.0	+2	SW	4	bc	47	92	8	1500	StCu	2	ASt	4	2
Ross-on-Wye	1023.7	+3	WSW	2	b-	42	75	8	4000	StCu	1	-	1	•
Leafield	1024.9	+4	WSW	2	b	38	85	8	4000	StCu	1	-	1	•
Winchester (Worthy Dn)	1025.3	+5	SW'W	2	bc	39	85	8	2500	StCu	3	CiSt	4	•
S. Farnborough	1024.6	+4	W	2	b	39	75	7	-	-	0	Ci	1	•
London (Kew Obsy.)	1024.9	+7	W	3	b	41	75	6	-	-	0	-	0	•
Croydon	1024.5	+6	WSW	2	b-	40	75	6	-	-	0	-	0	•
Shoeburyness	1022.6	+5	WNW	2	b	40	75	6	-	-	0	-	0	•
Clacton-on-Sea	1022.3	+7	NW	4	bc	41	85	6	5700	StCu	7	-	7	1
Felixstowe	1022.7	+8	W	4	bc	42	85	7	2500	StCu	5	-	5	3
Lympne	1023.9	+7	W	3	b-	38	85	6	-	-	0	-	0	•
Scilly (St. Mary's)	1025.0	+1	SSW	3	c+	49	92	8	4000	StCu	8	-	8	2
Falmouth (Pendennis)	1025.9	+1	WSW	3	bc	47	85	8	4000	StCu	2	Ci	3	0
Plymouth (Cattewater)	1026.3	+2	WSW	3	b-	47	85	7	2500	Cu	1	Ci	2	1
Portland Bill	1024.3	+3	WSW	4	bc-	47	85	8	2500	StCu	7	-	7	2
Southampton (Calshot)	1026.2	+5	W	3	bc+	43	75	7	4000	StCu	4	Ci	6	0
Dungeness	1025.0	+6	W	1	b-	38	85	8	-	-	0	-	0	1
Guernsey (Fort George)	1027.8	+3	W	2	b	46	85	8	-	-	0	ACu	2	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 9h.
Kew } 24 hours ended 7h.	18	by	by2o	bmxω	46	31	25	-	Tr	7.2	•	•	4
Croydon } 24 hours ended 7h.	244	bzo bc	bzo	bmfefc	45	36	22	-	Tr	7.3	•	•	3
Greenwich (Royal Obsy.)	149	b	bm	bmxc	46	33	25	-	Tr	5.1	63	97	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	5.3	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	48	33	26	-	-	6.2	55	92	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	6.0	•	•	•
Camden Square	110	b	b	•	46	35	28	-	-	•	•	98	•
Kensington Palace	80	b	b	•	47	33	*	-	-	•	(At 18h) 66	100	•
Hampstead Observatory	450	•	•	•	46	34	23	-	0.3	7.2	•	98	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 20TH

South Kensington	Max.	Time.	Min.	Time.
	1.0	19h 19th	0.3	1h 20th

Kew Observatory	Max.	Time.	Min.	Time.
	0.5	22h 19th	<0.3	13h 19th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19TH 17h. 30m. to 20TH 6h. 45m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	13.15	12.2	91
δ Ursae Minoris	13.15	10.1	76

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Pare 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 JAN., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.56 / 7.55	12.4 / 12.4	16.13 / 16.14
Greenwich	7.58 / 7.57	12.11 / 12.11	16.24 / 16.26
Wick	8.46 / 8.45	12.23 / 12.24	16.1 / 16.3
Valentia	8.41 / 8.40	12.52 / 12.52	17.3 / 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.
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 } 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.

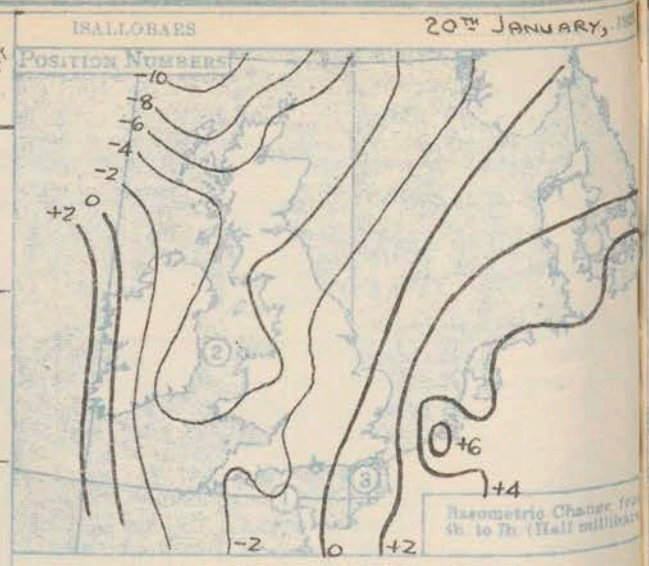
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	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.	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.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h. 13h. 19TH	13h.-18h. 19TH	18h. 19TH to 1h. 20TH	1h.-7h. 20TH	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	orr	orrc	coir	oirc	44	43	•	4	<8.00	Trace	24.00	0.0
Stornoway	cprbc	c	r-d	r-d	46	44	•	0.5	*	5	*	2.8
Wick	b-bc	b-bc	rrbbc	c	45	42	•	–	–	1	<21.00	•
Tiree	bcco	pdc	pdo	ocd	47	46	44	0.6	15.30	3	<21.00	2.0
Nairn	bcpr	bc	bcq	qbc	45	44	•	0.2	11.00	–	–	3.7
Aberdeen	bmbc	bcbm	bcom	ocm	45	38	34	–	–	–	–	3.2
Malin Head	bbc	bc	bcc	cidmm	46	45	•	–	–	0.3	3.30	3.4
Renfrew	bcpc	cbc	bbcc	corr	47	38	32	Trace	<8.00	8	5.30	4.5
Edinburgh (Inchkeith)	bbc	bcb	bcb	bbcc	45	40	35	Trace	<8.00	1	6.30	4.4
Leuchars	b-bc	bc	bcb,c	c,r	48	36	31	–	–	0.2	6.30	5.9
Eskdalemuir	cpbc	bcb	bcm	cmorm	44	34	32	0.2	<8.00	2	2.30	1.7
Tynemouth	obcq	bcq	bcmbc	bc	46	37	30	–	–	–	–	•
Blacksod Point ...	co	por	qRRq	RRqbc	52	39	•	Trace	*	14	•	•
Donaghadee	bbc	bc	bcc	corr	47	41	•	–	–	3	2.30	•
Birr Castle	bc	bcc	coir	om	49	47	43	–	–	3	?	4.7
Holyhead	b	b,cm	bccm	cm	46	44	42	–	–	0.1	6.30	6.5
Liverpool (Bidston) ...	bq	b	bw	bop	44	38	33	–	–	Trace	4.30	6.4
Chester (Sealand) ...	b	bz	bmx	bccm	46	34	30	–	–	–	–	6.5
Harrogate	b	b	b	bocm	43	35	30	–	–	–	–	6.5
Spurn Head	b-bc	b-bc	bcb	b-bc	43	36	•	–	–	–	–	5.0
Birmingham (Edgbaston)	b-bc	b	b	bo	45	36	33	–	–	–	–	6.7
Cranwell	bbc	b-bc	bm	b,c	44	34	31	–	–	–	–	4.5
Gorleston	orrcq	cq	cb	bbcx	45	34	30	0.3	<8.00	–	–	1.7
Valentia (Cahirciveen)	bbc	cccp	oid	orop	53	50	49	0.1	16.30	9	<21.00	2.6
Roches Point	bcc	cpc	c	orr	51	48	•	Trace	14.30	5	24.00	•
Pembroke (St. Ann's H.)	bbc	bc	b	bccq	48	43	•	–	–	1	6.30	5.3
Ross-on-Wye	bbc	bc	bbwc	cbcc	47	41	32	–	–	–	–	6.1
Leafield	bq	b	bw	bffe	44	35	30	–	–	Trace	–	7.5
Winchester (Worthy Dn.)	bbc	bc	bcb	bofefe	46	33	26	–	–	0.1	–	7.3
S. Farnborough ...	b	b	b	ommm	47	32	25	–	–	–	–	7.2
London (Kew Obsy.) ...	by	byz	bmx	bmxmw	46	31	25	–	–	Trace	–	7.2
Croydon	bzbc	bz	bm	bmofefe	45	36	22	–	–	Trace	–	7.3
Shoeburyness	b	b	bm	bmx	47	29	27	–	–	–	–	7.2
Clacton-on-Sea ...	bcb	bbcc	bcb	bbcx	45	34	27	–	–	–	–	7.1
Felixstowe	cbcb	bmbc	bc	cffx	45	34	25	–	–	–	–	6.5
Lympne	bcbz	bz	bmb	bxbc	44	32	24	–	–	–	–	7.2
Scilly (St. Mary's) ...	bcp	bcc	bbc	coir	51	48	•	0.2	9.00	0.2	6.30	6.3
Falmouth (Pendennis)	bcpr	bc	bc	bccorq	52	45	•	Trace	<8.00	Trace	6.30	5.1
Plymouth (Cattewater)	bcpr	cprb	bbc	bccw	51	45	40	Trace	12.30	–	–	4.2
Portland Bill	b	cp	bcb	co	48	45	•	Trace	15.30	–	–	•
Southampton (Calshot)	bq	bqybc	bcw	bccw	47	39	29	–	–	Trace	–	7.4
Dungeness	bcb	b	bbx	bbc	46	32	•	–	–	•	–	•
Guernsey	bcprbq	bbcprbcb	bbc	bccrcv	48	46	•	0.3	<8.00	Trace	6.30	5.5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	10h 19th	Cambria	W	4	bc	44	47
1	12h "	Reindeer	WNW	6	bc	48	50
3	2h 20th	Arundel	WNW	2	bc+	48	48

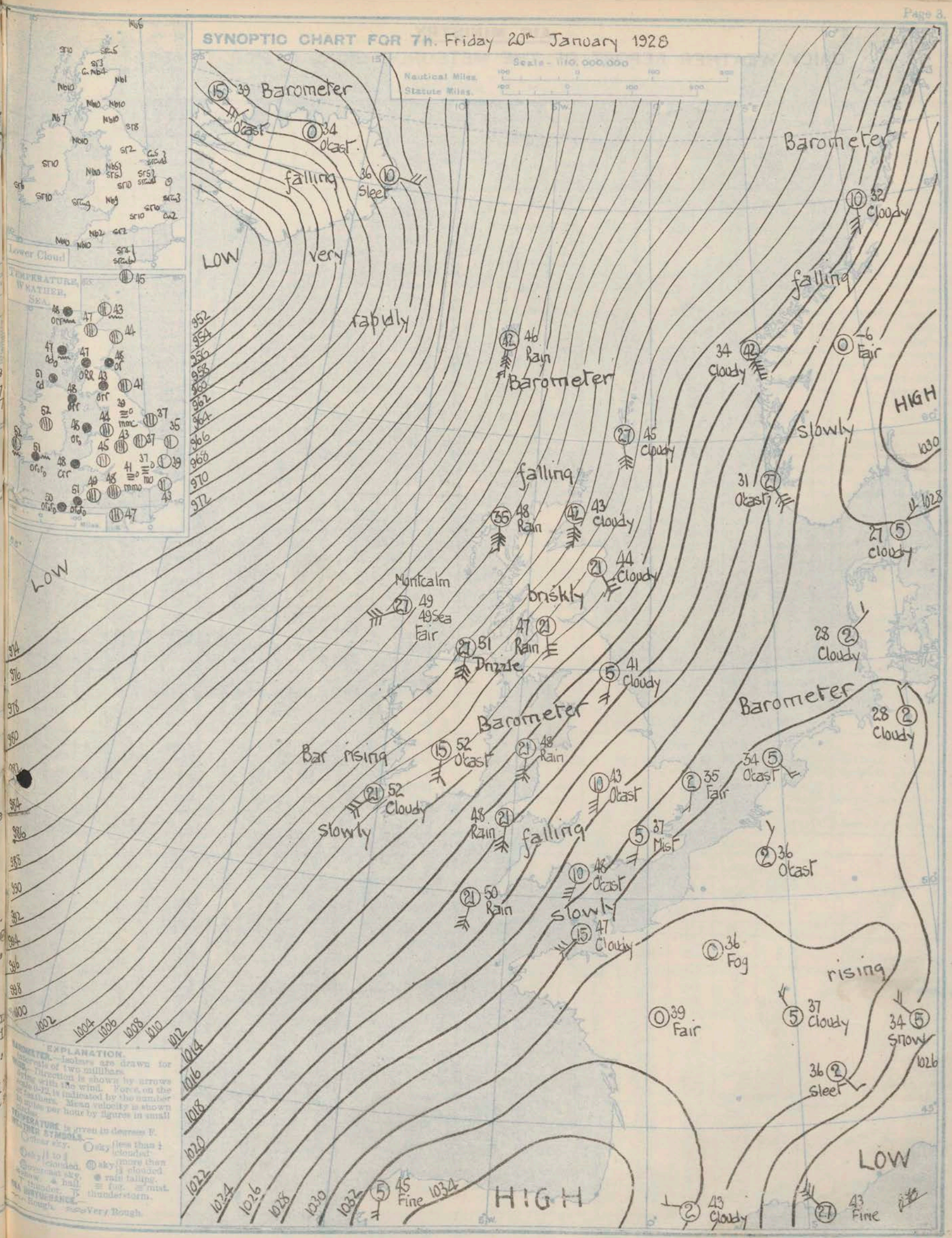
GENERAL INFERENCE.

An exceptionally deep depression is centred off S.W. Iceland, and associated secondaries are moving north-north-east on the Atlantic. An anticyclone covers Spain, France and Northern Germany. Winds will be generally S. to S.W., strong to a gale in western and northern districts, becoming strong in the South and East. Rain will be general to-day in Scotland, Ireland and Western England, and will extend eastwards.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 20th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind S. to S.W., moderate to strong, dull, some rain or drizzle, fairer periods to-morrow; mild.	Unsettled, mild to moderate temperature.
5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼ 8. N.W. England ▼	Wind S. to S.W., strong to gale; dull, some rain, fairer periods to-morrow; mild.	▼ South Cone hoisted at 8h.15m. G.M.T. this morning in districts 5, 6, 7, 8, 10, 11, 12, 18, and 19.; and at 20h.20m. G.M.T. yesterday in districts 13A., 13B., 15, and 16. South Cone still flying in districts 17 and 20.
9. N. Midlands	As 1 - 4.	
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 ▼ 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.

Wt 350/1670. Wt. 105. D.12/15. 13640. 1/28. § For code see page 3. † 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 FRIDAY, 20TH JANUARY 1928. No. 20

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1011.2	0	S'E	4	ofofo	43	97	7	4000	Nb	10	–	10
Stornoway	30	1007.3	-3	SW	6	ofofo	•	•	5	•	•	•	•	10
Wick	31	1011.7	-1	S	3	bc	43	92	8	2500	StCu	4	–	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1008.9	-6	S	5	c	49	92	7	5700	StCu	5	CiSt	9
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1015.9	-1	SW	3	b	44	85	8	1500	St	1	–	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1021.6	+2	SSW	2	bc	38	92	7	800	St	3	–	3
Blacksod Point	18	1006.0		S	8	oRR	51			•	Nb	10	–	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1019.3	-3	SW	5	c	47	97	6	1500	St	9	ASt	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1023.4	+2	WSW	3	b	37	92	6	–	–	0	–	0
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1024.4	+2	SW	2	b	35	97	6	–	–	0	–	0
Gorleston	14	1024.9	+3	W'S	2	b-	36	85	6	–	–	0	–	0
Valentia (Cahirciveen) ᴾ	30	1013.0	0	S	5	orr	51	97	8	*	St	10	–	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1022.2	-1	SW	5	bc+	48	97	7	2500	StCu	6	–	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	34	•	•	•	•	•	•	•
Croydon	244	1026.7	+1	S	2	b	37	97	6	–	–	0	–	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1026.9	+3	NW'W	3	b	34	97	8	–	–	0	–	0
Scilly (St. Mary's)	163	1023.6	-2	SSW	5	c+	49	97	7	4000	StCu	4	CiSt	8
Falmouth (Pendennis)	200	1025.3	-2	SW'S	5	bc	48	97	8	4000	StCu	2	ASt	5
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1025.7	0	SSW	3	bc+	47	92	8	1500	St	3	–	3
Southampton (Calshot)	10	1026.5	0	W'S	3	bc	42	92	7	4000	StCu	3	–	3
Dungeness	20	1027.6	+3	N	1	b	34	92	7	–	–	0	–	0
Guernsey (Fort George) ᴾ	295	1021.2	-2	SW	2	b-	46	97	6	–	–	0	–	0

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1006.7	-8	S'E	6	cjp	45	92	8	4000	Nb	5	ASt	10	•
Stornoway	998.1	-8	S	7	orr	48	97	6	1500	St	10	–	10	6
Wick	1004.8	-5	S	8	c	43	92	8	2500	StCu	5	ASt	10	7
Tiree	1001.7	-2	S	6	odo	47	97	6	800	Nb	10	–	10	6
Nairn	1004.6	•	WSW	3	bc	47	75	8	1500	CuNb	7	–	7	•
Aberdeen	1011.4	-5	SSE	5	c	44	85	6	1500	Nb	1	A.St	10	4
Malin Head	1003.4	-1	S	6	cdd	51	97	6	2500	Nb	7	ASt	9	5
Renfrew	1009.8	-4	SSE	5	oRR	47	92	6	450	Nb	10	–	10	•
Edinburgh (Inchkeith)	1011.6	-4	WSW	4	or	48	85	8	800	Nb	10	–	10	1
Leuchars	1011.8	-5	SW	2	cfo	45	85	6	1500	Nb	7	ASt	10	•
Eskdalemuir	1014.2	-3	S'W	5	orr	43	92	6	1500	Nb	10	–	10	•
Tynemouth	1018.1	-2	SSW	2	c+	41	92	7	1500	St	8	–	8	2
Blacksod Point	1004.7	+2	SW	6	bc	52	85	6	•	StCu	7	•	7	6
Donaghadee	1011.1	-5	SSW	5	orr	48	92	7	1500	Nb	10	–	10	4
Birr Castle	1009.3	•	S	4	o/r	52	92	6	800	St	10	–	10	•
Holyhead	1015.1	-4	S	5	ofo	48	97	6	1500	Nb	10	–	10	5
Liverpool (Bidston)	1018.5	-3	SE'E	4	o	44	92	5	1500	Nb	10	–	10	•
Chester (Sealand)	1018.9	-4	SE	4	c	44	92	6	4000	StCu	10	–	10	•
Harrogate	1020.1	-1	S	3	mmc	39	97	4	<150	St	2	ASt	10	•
Spurn Head	1022.3	-1	S	5	c+	37	97	6	4000	Cu	9	–	9	3
Birmingham (Edgbaston)	1022.5	-2	S	3	o	43	92	8	1500	St	10	–	10	•
Cranwell	1023.7	-1	S	3	c+	37	97	5	2500	St	9	–	9	•
Gorleston	1026.0	+1	S	1	bc+	35	92	6	–	–	0	ACu	5	0
Valentia (Cahirciveen) ᴾ	1010.9	+2	SW'S	5	c	52	85	7	2500	St	6	ASt	10	6
Roches Point	1013.1	-4	SW	4	ofofo	51	97	7	450	St	10	–	10	6
Pembroke (St. Ann's H.)	1018.4	-4	S	5	crr	48	97	7	2500	StCu	9	–	9	4
Ross-on-Wye	1022.1	-2	SSW	3	c	45	92	7	2500	Nb	9	ASt	10	•
Leafield	1024.8	-1	SSE	3	ffo	38	97	2	<150	St	10	–	10	•
Winchester (Worthy Dn.)	1025.6	-1	S'E	2	ffo	42	97	2	<150	St	10	–	10	•
S. Farnborough	1025.9	-1	S	2	mmo	41	97	4	800	St	10	–	10	•
London (Kew Obsy.)	1026.3	-1	S'E	2	mo+	37	97	4	1500	St	10	–	10	•
Croydon	1026.6	0	S	3	fo+	40	97	3	450	St	10	–	10	
Shoeburyness	1027.1	0	SSW	2	b	34	97	6	–	–	0	ASt	2	•
Clacton-on-Sea	1026.6	0	S	2	bc	35	92	6	–	–	0	ACu	3	1
Felixstowe	1027.2	+1	–	0	ffc	36	97	2	2500	StCu	3	ASt	9	0
Lympne	1027.7	+1	SE	2	bc+	36	92	7	2500	Cu	3	ACu	5	•
Scilly (St. Mary's)	1020.2	-3	SSW	5	ofofo	50	97	6	4000	Nb	10	–	10	5
Falmouth (Pendennis)	1021.7	-3	SW	7	ofofo	51	92	7	2500	Nb	10	–	10	4
Plymouth (Cattewater)	1024.1	-1	SSW	5	c+	49	92	7	1500	Nb	2	ASt	10	1
Portland Bill	1024.9	-2	SSW	3	o	48	97	8	1500	St	10	–	10	1
Southampton (Calshot)	1026.6	0	SW	2	c	45	97	7	1500	StCu	10	–	10	
Dungeness	1028.2	+1	–	0	bc+	43	92	6	1500	Cu	2	ACu	4	2
Guernsey (Fort George) ᴾ	1027.6	-1	SW	4	c/rv	47	85	9	1500	StCu	10	–	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 19TH JANUARY

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 18th to 9h. 19th (4) °F	Temperature Max. 9h.-17h. 19th (5) °F.	Rainfall† Night 17h.-9h. 18th-19th (6) mm.	Rainfall† Day 9h.-17h. 19th (7) mm.	Sunshine Sunrise to Sunset 19th (8) hr.
Berwick-on-Tweed	b	b	39	46	9	–	5.0
Douglas (I. o. M.)	b	b	38	46	13	[illegible]	6.1
Llandudno	b	b	40	46	7	–	6.1
Colwyn Bay	orrcb	b	41	47	6	–	5.5
Rhyl	bcb	b	41	47	5	–	5.6
Wallasey	b	b	38	45	5	–	5.4
Southport	b	b	*41	44	11	–	6.2
Blackpool	bc	bc	40	45	14	–	6.1
Ilkley	bc	bc	36	45	15	–	5.8
Cleethorpes	b	b	36	45	12	–	6.0
Skegness	rcbcb	bbc	37	46	[illegible]	–	6.0
Aberystwyth	o,bc	bc	43	46	7	–	6.3
Bath	b	bbc	35	46	5	–	6.7
Cheltenham‡	ocbcb	bbc	33	45	4	–	6.8
Leamington Spa	b	bc	39	44	4	–	7.0
Lowestoft	bcc	cbc	35	46	7	–	6.7
Felixstowe	b	bc	34	44	11	–	6.9
Harwich & Dovercourt	rbc	bc	36	45	12	–	6.9
Southend	b3	b	36	47	6	–	7.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	b	45	48	6	–	3.8
Bude	bc	bccb	45	43	7	–	4.3
Penzance	b	b	43	52	5	–	4.7
Paignton ‡	b	bbcb	41	51	2	–	[illegible]
Torquay	b	bbcb	41	51	4	–	[illegible]
Jersey	bcq	bc	44	52	6	0.1	[illegible]
Weymouth	bbc	[illegible]	40	50	6	–	6.0
Bournemouth	b	b	39	48	5	–	6.7
Ventnor	b	b	[illegible]	47	8	–	7.1
Portsmouth (S'thsea)	b	b	41	48	6	–	7.1
Bognor	b	b	37	47	7	–	7.4
Littlehampton	b	b	38	46	11	–	7.2
Worthing	b	b	38	47	16	–	7.2
Brighton	b	b	41	47	18	–	7.0
Eastbourne‡	b	b	40	50	21	–	7.5
Hastings‖	b	bbcb	39	49	16	–	7.3
Folkestone	b3	b	39	46	15	–	7.5
Dover	b	b	40	47	10	–	7.0
Tunbridge Wells	b	bcb	35	47	10	–	7.4
Ramsgate	b	b	39	45	11	–	6.9
Margate	bc	bc	38	44	13	–	6.5
Deal	b	b	38	45	10	–	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. 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.24.166 Saturday, 21st January 1928.

Observations at 13h. 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.
Lerwick	1002.0	-3	S	8	OR-	45	97	7	4000	Nb	10	-	10	•
Stornoway	1000.8	+3	SW	4	c|PR	42	92	6	4000	CuNb	8	-	8	•
Wick	1004.1	-1	SSW	4	cr_or_o	45	97	8	1500	CuNb	6	ASt	8	•
Tiree	1007.2	+5	SW	6	bcjp	49	85	7	1500	CuNb	5	-	5	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1007.2	-5	SSE	5	or_or_o	44	92	5	800	Nb	10	-	10	2
Malin Head	1009.5	+5	WSW	6	bjp	49	85	7	4000	CuNb	1	-	1	•
Renfrew	1010.6	+5	WSW	4	bc|pr_o	50	92	7	1500	CuNb	7	-	7	2
Edinburgh (Inchkeith)	1009.8	-2	SW	4	bc-	49	85	8	4000	Cu	2	ACu	7	•
Leuchars	1008.2	-3	SSW	6	c|r	49	85	8	1500	CuNb	5	ASt	8	2
Eskdalemuir	1012.1	0	SSW	6	ffo	44	97	3	<150	St	10	-	10	2
Tynemouth	1013.8	-3	S	3	or_o	44	92	6	1500	Nb	10	-	10	•
Blacksod Point	1011.1	+2	S	5	b	50	75	8	x	-	-	-	0	•
Donaghadee	1013.4	+6	W	4	bc+	52	75	8	2500	CuNb	5	-	5	•
Birr Castle	1014.5	•	SW	3	bc-	52	75	7	2500	StCu	3	Ci	5	•
Holyhead	1015.8	+3	SWW	4	mmc	50	97	4	220	St	9	ASt	10	2
Liverpool (Bidston)	1016.6	-2	SW	4	odd	50	85	8	2500	St	10	-	10	•
Chester (Sealand)	1016.2	-2	SSE	4	c|r	50	85	8	2500	St	7	ASt	10	2
Harrogate	1016.1	-3	S'E	3	cr-	43	97	4	2500	Nb	9	ASt	10	•
Spurn Head	1019.0	-3	S	5	or+	42	97	5	1500	Nb	10	-	10	•
Birmingham (Edgbaston)	1019.0	-4	SSW	5	o|r	46	92	6	1500	Nb	10	-	10	2
Cranwell	1020.9	-5	S'E	4	or_or_o	44	97	6	450	Nb	10	-	10	1
Gorleston	1024.4	-2	S'W	3	c	44	85	6	2500	StCu	10	-	10	•
Valentia (Cahirciveen)	1016.6	+3	SW	3	b	52	75	8	2500	StCu	2	-	2	2
Roches Point	1018.0	+5	NW	3	bc	51	85	8	2500	StCu	1	CiCu	4	•
Pembroke (St. Ann's H.)	1018.0	0	WSW	5	o|r	49	97	6	800	St	10	-	10	•
Ross-on-Wye	1019.8	-4	SSW	4	od	49	92	6	1500	Nb	10	-	10	2
Leafield	1021.3	-1	S	5	orr	45	97	7	450	Nb	10	-	10	2
Winchester (Worthy Dn.)	1023.9	-2	S	4	orr	46	97	6	220	Nb	10	-	10	2
S. Farnborough	1024.1	-2	S'W	4	cr_or_o	47	85	6	800	Nb	6	ASt	10	2
London (Kew Obsy.)	1024.2	-4	SSW	4	or_or_o	47	92	5	800	St	10	-	10	2
Croydon	1024.8	-3	SW'S	4	cr_or_o	46	85	6	4000	StCu	7	ASt	10	2
Shoeburyness	1025.7	-3	SSW	2	c	46	92	7	1500	StCu	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1025.5	-3	S'W	3	c	43	97	6	450	St	10	-	10	1
Lympne	1025.7	-3	SSW	4	fo-	44	97	4	<150	St	10	-	10	2
Scilly (St. Mary's)	1020.1	0	SW	5	ffo	52	97	2	450	St	10	-	10	•
Falmouth (Pendennis)	1020.3	-2	WSW	6	br_or_o	51	97	4	1500	St	10	-	10	•
Plymouth (Cattewater)	1021.5	-4	SW	5	or_o	49	97	6	450	Nb	10	-	10	2
Portland Bill	1022.5	-2	S	5	orr	47	97	5	800	Nb	10	-	10	•
Southampton (Calshot)	1023.7	-4	SSW	6	orr	47	92	6	2500	Nb	10	-	10	1
Dungeness	1025.8	-3	SW	3	c+	46	92	7	1500	Cu	5	ASt	9	•
Guernsey (Fort George)	1026.0	-2	S	3	orr	46	97	5	450	Nb	10	-	10	•

Observations at 18h. 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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1004.0	+3	SW	5	b	45	92	7	4000	Cu	1	-	1	•
Stornoway	1005.7	+4	SW	5	bc|r	47	75	6	4000	CuNb	4	-	4	4
Wick	1008.3	+5	WSW	3	bc	40	85	8	2500	CuNb	3	ASt	5	4
Tiree	1010.4	+2	SSW	5	b	46	85	8	2500	CuNb	2	-	2	5
Nairn	1009.9	•	W	1	bc-	42	85	8	1500	St	5	-	5	•
Aberdeen	1012.9	+7	SSW	1	b	42	75	6	-	-	0	ACu	1	1
Malin Head	1012.0	+2	SSE	3	b	45	92	7	5700	StCu	2	CiCu	2	5
Renfrew	1015.0	+2	WSW	4	b-	45	75	7	-	-	0	ACu	2	•
Edinburgh (Inchkeith)	1014.4	+4	WSW	3	b	44	75	8	1500	St	2	-	2	2
Leuchars	1013.8	+6	WSW	6	bc	42	85	8	-	-	0	Ci	4	•
Eskdalemuir	1017.3	+7	S'W	2	b-	41	92	7	800	St	1	Ci	2	•
Tynemouth	1016.8	+4	SW	2	mmbc	45	92	4	1500	St	4	-	4	2
Blacksod Point	1010.1	-2	S	6	bc	50	85	7	•	Cu	3		3	7
Donaghadee	1017.3	+1	W	2	b-	45	85	8	4000	StCu	1	CiCu	2	2
Birr Castle	1015.4	•	S	2	bc	45	85	7	2500	StCu	6	-	5	•
Holyhead	1018.9	+4	S'W	2	b	45	97	5	-	-	0	Ci	1	1
Liverpool (Bidston)	1019.5	+2	SW	3	b-	46	92	8	2500	StCu	2	-	2	•
Chester (Sealand)	1019.1	+2	WSW	1	b	45	92	6	-	-	0	-	0	•
Harrogate	1019.8	+2	SW'S	2	b-	45	92	7	4000	Nb	1	-	1	•
Spurn Head	1019.5	+2	S'W	3	c-	43	97	7	2500	Nb	8	-	8	4
Birmingham (Edgbaston)	1021.6	+2	SSW	3	o	47	97	6	1500	St	10	-	10	•
Cranwell	1021.0	+2	SW	3	c-	47	97	6	1500	StCu	9	-	9	•
Gorleston	1022.5	-1	S	4	or_or_o	44	97	6	1500	Nb	10	-	10	0
Valentia (Cahirciveen)	1014.9	-2	S'E	4	b	49	92	8	1500	Cu	2	-	2	4
Roches Point	1018.3	0	SW	3	b	49	97	8	800	St	2	-	2	4
Pembroke (St. Ann's H.)	1020.7	+3	SW'W	3	bc	47	92	6	-	-	0	ASt	3	3
Ross-on-Wye	1021.3	+2	W'S	1	ifo	47	97	3	450	St	10	-	10	•
Leafield	1021.8	+2	S	2	od_od_o	46	97	3	220	St	10	-	10	•
Winchester (Worthy Dn.)	1023.0	+1	S'E	3	od_o	47	97	5	220	Nb	10	-	10	•
S. Farnborough	1023.3	0	SSW	3	o	47	97	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1023.6	+3	SW	3	o	46	97	6	1500	St	10	-	10	•
Croydon	1023.9	+2	SSW	4	o	46	97	6	450	St	10	-	10	•
Shoeburyness	1024.3	-1	SW	3	o	46	92	7	1500	St	10	-	10	•
Clacton-on-Sea	1023.7	0	SSW	3	o	41	97	7	4000	St	10	-	10	1
Felixstowe	1024.4	0	S'E	3	c|r	42	97	6	450	StCu	10	-	10	1
Lympne	1025.0	-1	SSW	4	od_od_o	44	97	1	<150	Nb	10	-	10	•
Scilly (St. Mary's)	1022.1	+2	SW'S	2	FFo	51	97	1	<150	St	10	-	10	2
Falmouth (Pendennis)	1022.6	+1	W'S	3	Fo	50	97	1	450	St	10	-	10	1
Plymouth (Cattewater)	1022.5	+1	SW	3	bc-	49	97	5	<150	St	3	-	3	2
Portland Bill	1022.6	+1	SSW	4	od-	49	97	6	800	St	10	-	10	5
Southampton (Calshot)	1023.7	-1	SW	4	cdd	47	97	6	1500	Nb	6	ASt	10	0
Dungeness	1024.6	-2	SW	4	or_or_o	47	92	6	800	Nb	10	-	10	3
Guernsey (Fort George)	1025.5	+2	SSW	3	od_od_o	49	97	2	220	St	10	-	10	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	18	cf_om_o	cf_om_o	od_o	48	47	45	2	6.2	0.0	*	*	6
Croydon } 24 hours ended 7h.	244	ofefed$_o$	cm_orr_o	omfed...	47	46	45	2	0.3	0.0	•	•	5
Greenwich (Royal Obsy.)	149	c	crr_o	cdmc	48	47	44	2	0.3	0.0	94	93	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	52	45	40	2		0.0	88	89	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	omo	oro	•	46	46	44	3	-	•	•	100	•
Kensington Palace	80	o	oro	•	48	47	*	3	1	•	(At 18h) 92	93	•
Hampstead Observatory	450	•	•	•	49	40	34	3	1	0.0	•	97	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 21st

South Kensington Max.	Time.	Min.	Time.
1.0	9h 20th	<0.3	3h 21st

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

Pole Star Record at Greenwich Obsy.

Exposure from 20th 17 h 30 m. to 21st 6 h 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	13.15	-	nil
δ Ursae Minoris	13.15	-	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.

21st-22nd January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7 55 / 7.54	12.4 / 12.5	16.14 / 16.16
Greenwich	7.56 / 7.56	12.11 / 12.11	16.26 / 16.28
Wick	8.45 / 8.43	12.24 / 12.24	16.3 / 16.5
Valentia	8.40 / 8.39	12.52 / 12.52	17.5 / 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_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 } Calm or
1=mod. swell } slight
2=heavy swell } sea.
3=no swell }
4=mod. swell } Moderate
5=heavy swell } 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

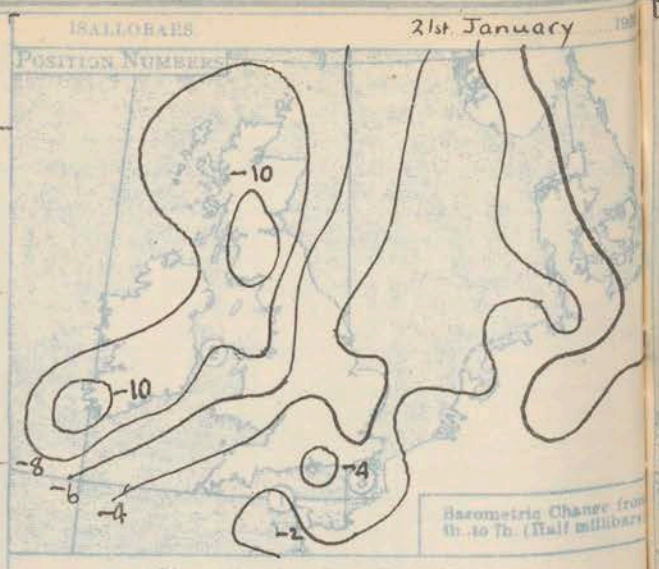
§ Telegraphic Code for Surface Visibility.

	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. 20th	WEATHER. 13h.-18h. 20th	WEATHER. 18h. 20th to 13h. 21st	WEATHER. 18h.-7h. 21st	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 20th Hours
Lerwick	OR	ORcbq	bbcc	c	46	44	.	13	<8.00	-	-	0.0
Stornoway	pq	p	c	p	49	45	.	3	*	3	*	1.1
Wick	crr	rrbc	b-bc	b-bc	46	39	.	2	<8.00	-	-	.
Tiree	prhbc	bcco	bc	prqo	49	45	42	2	<8.00	1	3.30	2.5
Nairn	bcqPR	pbc	bbq	qbc	51	40	.	1	12.30	-	-	2.2
Aberdeen	corrm	circbcbm	bbcom	ocm	48	40	34	0.4	9.00	Trace	6.30	1.4
Malin Head	cidbc	b	b	bbccp	51	45	.	0.2	<8.00	Trace	5.30	4.2
Renfrew	ORRcp	bccb	b	bcorrq	51	38	30	10	<8.00	5	3.30	2.6
Edinburgh (Inchkeith)	p	cbcb	b-bc	bbc	51	41	33	0.5	<8.00	-	-	2.0
Leuchars	rr	cbbc	bcb	bcp	50	36	28	4	<8.00	Trace	6.30	2.0
Eskdalemuir	orrm	cmbw	bwom	bccr	47	35	32	19	<8.00	0.1	6.30	0.1
Tynemouth	oir	oirm	bcm	bcoff	47	38	32	1	<8.00	-	-	.
Blacksod Point ...	bcb	pcb	pc	RRo	52	36	.	1	.	4	.	.
Donaghadee	orrbc	bcb	bbc	idrr	53	44	.	1	<8.00	5	2.30	.
Birr Castle	ocbc	bc	bcc	orrm	53	44	33	-	-	5	2	4.9
Holyhead	rrddr	cmmb	bm	bcm	50	43	40	5	<8.00	1	6.30	1.7
Liverpool (Bidston) ...	oirv	pidc	be	bem	50	38	34	3	<8.00	0.1	<21.00	1.0
Chester (Sealand) ...	crm	cprbcb	bm	pr	52	35	30	1	9.00	0.1	4.30	0.3
Harrogate	corrm	cmirb	b	bocir	48	36	33	3	9.00	0.2	3.30	0.0
Spurn Head	o	orr	ffo	ffobcmr	44	41	.	4	12.30	0.3	4.30	0.0
Birmingham (Edgbaston)	orr	ord	off	ofd	47	43	43	3	9.00	Trace	5.30	0.0
Cranwell	comrr	orc	om	o	47	42	41	3	11.00	-	-	0.0
Gorleston	bfcm	corro	orro	orrm	45	41	41	1	14.30	0.2	<21.00	0.0
Valentia (Cahirciveen)	ocbcb	bbcb	coid	odr	53	48	45	-	-	14	<21.00	3.8
Roches Point	crbc	bcbw	bwmmo	orr	53	47	.	0.2	<8.00	5	24.00	.
Pembroke (St. Ann's H.)	orrF	cbcm	oFfe	oFfe	50	43	.	7	<8.00	1	6.30	1.6
Ross-on-Wye	corr	ddcbco	bcf bife	bcc	49	39	31	2	9.00	0.2	-	0.0
Leafield	fcor	orfdd	oddc	bccd	46	43	39	4	11.00	0.6	<21.00	0.0
Winchester (Worthy Dn.)	ofrorr	ordm	odm.ff	offdd	47	46	45	4	11.00	1	<21.00	0.0
S. Farnborough ...	omor	rro	om	om	47	46	45	2	12.30	0.2	6.30	0.0
London (Kew Obsy.) ...	crm	crmo	od	cd	48	47	45	2	12.30	0.2	<21.00	0.0
Croydon	ofefed	cmrro	omfefe	ofedm	47	46	45	2	9.00	0.3	24.00	0.0
Shoeburyness	oc	crro	c	cdc	47	43	43	2	14.30	0.4	3.30	0.0
Clacton-on-Sea ...	bccom	ogmr	ogpog	ogm	42	41	40	1	15.30	0.6	<21.00	0.0
Felixstowe	cm	crrc	corm	omfd	43	42	41	1	14.30	0.2	<21.00	0.0
Lympne	bcoffm	orrcrodf	odd FF	odd FF	44	43	43	2	14.30	0.6	<21.00	0.0
Scilly (St. Mary's) ...	oirff	orff	ffod	ffodm	52	49	.	4	9.00	1	<21.00	0.0
Falmouth (Pendennis)	omrq	orrfc	Fd	ofdq	52	49	.	8	<8.00	1	<21.00	0.0
Plymouth (Cattewater)	coRrmbm	Vdbc	bccofedd	omddfe	51	48	49	9	<8.00	1	22.00	0.0
Portland Bill	orrm	orrDmd	oDfoff	offdm	49	47	.	6	11.00	0.5	<21.00	.
Southampton (Calshot)	cwmorr	omrrcrd	F	ffod	47	46	46	4	11.00	1	<21.00	0.0
Dungeness	bcc	corr	oiRDdf	dfcff	47	45	.	1	15.30	1	<21.00	.
Guernsey	corrm	rrddff	ddffe	codc	49	49	.	7	<8.00	1	<21.00	0.0



Observations from Cross Channel Steamers.

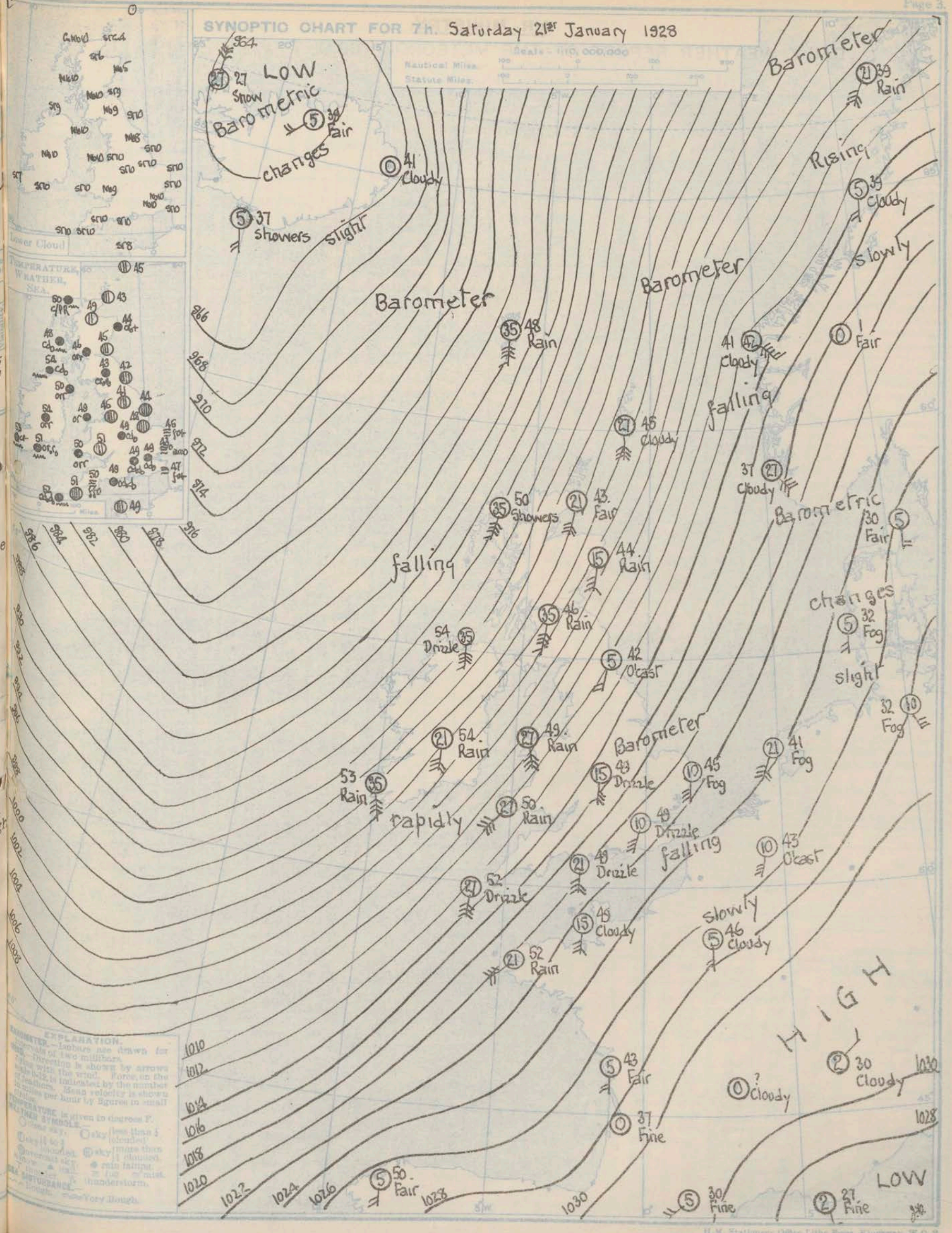
Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility
2	20th 10h	Cambria	S'W	6	ffo	49	48	5
3	21st 2h	Dieppe	WSW	3	c	49	48	7

GENERAL INFERENCE.

A secondary trough of low pressure associated with a depression near Iceland will probably move northeastwards across the British Isles and strong southerly winds or gales and rain will be followed by more westerly winds and mainly fine weather. This change is not expected to reach Eastern England before tonight.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 21st January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Strong southerly winds, veering to between S.W. and W. later and moderating; intermittent rain today, mainly fine tomorrow; very mild today, rather lower temperature tomorrow.	Further wet periods are probable and temperature will be generally high for the time of year.
5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands 10. N.E. England ▼	Wind southerly, strong to a gale, veering to between W. and N.W. temporarily and moderating; intermittent rain at first, becoming mainly fine; very mild at first, becoming rather colder.	
11. S.E. Scotland ▼ 12. S.W. Scotland & Isle of Man ▼ 13 A. W. Scotland ▼ 13 B. N.W. Scotland ▼ 14. Mid-Scotland 15. N.E. Scotland ▼ 16. Orkneys and Shetlands ▼	Wind southerly, veering to west, strong to a gale, moderating; overcast skies and intermittent rain today, occasional local showers tomorrow, with bright intervals; very mild today, colder tomorrow.	▼ South Cone still flying.
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	As 5 - 10.	

Meteorological Office: Air Ministry, Kingsway London, W.C.2. Forecasts issued at 1015 G.M.T. Sgd. C. Stewart, F.R.S., Director.


SYNOPTIC CHART FOR 7h. Saturday 21st January 1928
Scale - 1/10,000,000
Nautical Miles
Statute Miles
LOW
Barometric changes
27 Snow
39 Fair
41 Cloudy
37 Showers
slight
Barometer
Rising
39 Rain
39 Cloudy
slowly
1 Fair
48 Rain
41 Cloudy
falling
45 Cloudy
37 Cloudy
Barometric
30 Fair
50 Showers
43 Fair
44 Rain
46 Rain
54 Drizzle
42 O'cast
32 Fog
slight
32 Fog
54 Rain
49 Rain
53 Rain
rapidly
50 Rain
49 Drizzle
45 Fog
41 Fog
49 Drizzle
43 O'cast
52 Drizzle
49 Cloudy
52 Rain
46 Cloudy
HIGH
43 Fair
37 Fine
? Cloudy
30 Cloudy
50 Fair
30 Fine
27 Fine
LOW
Lower Cloud
TEMPERATURE, WEATHER, SEA
EXPLANATION.

M.O. Form 2570.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Saturday, 21st January 1928. No. 21

Stations.	Height above M.S.L. in feet.	6h. 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	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	18h. 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	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	54	1006.5	+1	SE	4	c+	45	92	8	4000	Cu	2	ASt	10	999.4	-6	S	6	C	45	92	7	-	-	0	ASt	10	•
Stornoway	30	1002.1	-4	SW	6	c	•	•	6	•	•	•	•	10	989.5	-9	SSW	7	c/PR	50	97	7	4000	CuNb	10	-	10	6
Wick	81	1006.4	-5	SSW	4	bc	44	85	8	2500	StCu	5	-	5	998.0	-9	SSW	5	bc	43	92	8	2500	StCu	4	CuSt	6	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	991.8	-9	SSE	7	od.	48	97	7	1500	Nb	10	-	10	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	995.9	•	W	4	bc+	49	75	8	1500	St	6	-	6	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.9	-8	SSE	4	cr.+	44	85	6	1500	Nb	5	ASt	9	4
Malin Head	51	1004.0	-8	S	6	b	47	85	7	5700	Nb	1	-	1	990.3	-10	S	7	Cd.	54	97	7	1500	St	9	-	9	6
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.6	-10	S	7	orr	46	97	6	450	Nb	10	-	10	•
Edinburgh (Inchkeith)	190	1013.3	-3	SW	2	b	44	75	8	-	-	•	-	0	1003.4	-10	SSW	4	c+	45	75	8	800	St	9	-	9	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.1	-9	SSW	3	c/r	47	65	7	1500	St	8	ASt	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.4	-10	SW	5	cr.r.	43	85	7	800	Nb	9	-	9	•
Tynemouth	87	1017.1	-2	WSW	2	bc/f	40	97	7	1500	St	3	-	3	1010.4	-5	SSW	2	o/f	42	92	6	800	St	10	-	10	2
Blacksod Point ...	18	999.1	-4	S	6	c	51	92	6	•	CuNb	8	-	8	990.6	-2	S	7	C	50	85	7	•	aSt	10	-	10	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.8	-9	SW	6	orr	50	92	7	1500	Nb	10	-	10	4
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	998.3	•	S	5	orr	54	92	6	1500	Nb	10	-	10	•
Holyhead	26	1015.4	-4	SSE	5	b	45	97	6	800	St	2	-	2	1007.9	-7	SE	6	or	49	97	6	800	Nb	10	-	10	5
Liverpool (Bidston) ...	180	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.6	-7	SE'S	4	o+	45	92	6	2500	St	10	-	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	-9	SE	4	c	45	92	6	1500	St	7	ASt	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.8	-5	SE	2	c	41	97	6	2500	Nb	8	ACu	9	•
Spurn Head	29	1019.0	-1	SSE	4	ffo	43	97	2	220	St	10	-	10	1015.8	-3	SE	5	(for)	44	97	3	220	St	10	-	10	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.5	-4	S	4	od.	49	97	6	800	St	10	-	10	•
Cranwell	236	1021.5	-2	S	4	o	45	97	6	1500	St	10	-	10	1018.0	-4	SE	4	o	48	97	6	800	St	10	-	10	•
Gorleston	14	1022.9	0	SW	2	o	45	92	5	1500	St	10	-	10	1020.0	-2	S	3	fo+	45	97	3	1500	St	10	-	10	0
Valentia (Cahirciveen) P	30	1006.1	-10	S	5	orr	53	97	7	*	St	10	-	10	997.4	-11	SE	7	cr-	53	92	7	1500	St	7	ASt	10	7
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.5	-8	SW	5	or.f.	51	97	6	800	St	10	-	10	6
Pembroke (St. Ann's H.)	150	1017.6	-2	SE	3	FFo	48	97	0	<150	St	10	-	10	1011.1	-5	SW'S	6	orr	50	97	2	800	St	10	-	10	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.6	-4	S	4	c+	51	97	7	1500	Nb	9	ASt	10	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.1	-3	S	3	o	48	97	8	4000	Nb	10	-	10	
Winchester (Worthy Dn.)	272	•	•	•	-	•	•	•	•	•	•	•	•	•	1019.3	-2	S	5	odd	49	97	4	450	St	10	-	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.9	-3	S	4	od.d.	49	97	6	450	Nb	10	-	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	48	•	•	•	•	•	•	•	1021.0	-3	SSW	3	od.	49	97	6	450	Nb	10	-	10	•
Croydon	244	1023.2	-2	SW	1	fo+	46	97	3	220	St	10	-	10	1020.7	-1	SSW	4	od.d.	49	97	6	800	Nb	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.5	-4	S	2	c	48	92	6	2500	StCu	10	-	10	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	-2	S	3	mmo	43	97	4	<150	St	10	-	10	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.3	-2	SE	3	ffo	44	97	3	<150	St	10	-	10	3
Lympne	350	1024.5	0	SW	3	od.d.	46	97	0	<150	St	10	-	10	1022.5	-2	S	4	od.d.	47	97	1	<150	St	10	-	10	•
Scilly (St. Mary's) ...	163	1018.6	-3	S	5	FFo	50	97	1	450	St	10	-	10	1014.2	-3	SW	6	od.d.	52	97	4	2500	St	10	-	10	6
Falmouth (Pendennis)	200	1020.9	-2	SSW	4	fo+	51	97	0	<150	St	10	-	10	1016.0	-2	SW	7	o	51	97	6	1500	St	10	-	10	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.2	-2	SW	6	ffo	50	97	3	<150	St	10	-	10	4
Portland Bill	32	1022.8	0	SW	3	ffo	47	97	2	220	St	10	-	10	1018.8	-2	S	4	od.d.	49	97	5	1500	St	10	-	10	5
Southampton (Calshot)	10	1022.3	-2	SW	4	ffo	48	97	2	<150	St	10	-	10	1020.6	-4	SSW	5	od.	49	97	7	800	Nb	10	-	10	0
Dungeness	20	1024.1	-1	SW	4	fo	47	97	2	220	St	10	-	10	1022.3	-3	WSW	3	fo+	47	97	2	220	St	10	-	10	3
Guernsey (Fort George) P	295	1023.4	-3	SW	2	c+	50	92	7	4000	StCu	10	-	10	1022.2	-1	S	4	c	49	97	8	1500	St	8	ASt	10	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20th January

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 19th to 9h. 20th °F.	Temperature. Max. 9h.-17h. 20th °F.	Rainfall.† Night 17h.-9h. 19th-20th mm.	Rainfall.† Day 9h.-17h. 20th mm.	Sunshine. Sunrise to Sunset. 20th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	oc	cbc	38	50	0.3	-	0.8
Douglas (I. o. M.) ...	o	bcor	40	50	5	1	2.3
Llandudno ...	rov	dcbcb	41	55	0.2	1	1.6
Colwyn Bay ...	bbco	orcb	42	53	-	1	1.1
Rhyl	pc	cbc	40	50	0.2	0.2	1.4
Wallasey	rro	orbcb	39	51	1	6	0.8
Southport	orr	rbcb	*38	49	1	6	1.1
Blackpool	or	c	37	48	1	5	0.3
Ilkley ...	or	opc	34	50	Trace	2	0.0
Cleethorpes	or	or	32	46	Trace	2	0.0
Skegness	cfom	ord	33	44	Trace	3	0.0
Aberystwyth ...	copr	mo	43	48	3	14	0.0
Bath	cir	jrcd	35	51	Trace	4	0.0
Cheltenham ...	od.or	orc	40	51	Trace	3	0.0
Leamington Spa ...	cr	cr	32	48	-	3	0.0
Lowestoft	cfcbc	bccrc	34	45	-	1	0.2
Felixstowe	bmcm	cmp	32	44	-	1	0.0
Harwich & Dovercourt	bem	oct	33	45	-	1	0.0
Southend	ozw	ore	35	45	-	2	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	rr	rof	46	52	3	4	0.0
Bude	rrd	ddth	42	52	3	2	0.0
Penzance	ord	ordc	44	53	8	1	0.0
Paignton	orp	ordpm	41	52	-	5	0.0
Torquay	oq/sp	odrpom	42	52	-	1	0.0
Jersey	cr	cr	44	48	-	7	0.0
Weymouth	crr	rdd	42	50	0.1	10	0.0
Bournemouth ...	or	or	40	49	-	5	0.0
Ventnor ...	co	rf	40	46	Trace	4	0.0
Portsmouth (S'thsea)	om	or	37	48	-	3	0.0
Bognor	c	orrr	33	46	1	4	0.0
Littlehampton ...	c	coro	35	46	-	2	0.0
Worthing	co	or	33	47	-	2	0.0
Brighton	o	ord	34	46	-	2	0.0
Eastbourne‖	o	or.d.d.	40	47	-	0.6	0.0
Hastings‖	mmo	ordoz	37	47	0.2	1	0.0
Folkestone	xof	orr	34	47	-	2	0.0
Dover	imobo	or	33	46	-	2	0.0
Tunbridge Wells ...	oca	or	32	46	Trace	2	0.0
Ramsgate	co	ro	37	46	Trace	2	0.0
Margate	bc	or	36	47	-	2	0.0
Deal	o	or	34	47	-	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 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.-6h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24,167 Sunday, 22nd January 1928. Page 1.

Observations at 18h. 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	989.0	-12	S	8	orr	45	97	7	4000	Nb	10	-	10	•
Stornoway	983.1	-4	SSW	7	orr	47	97	5	1500	Nb	10	-	10	•
Wick	989.2	-8	S	7	c	47	92	8	1500	St	8	ASt	10	•
Tiree	988.5	0	SW	8	c	49	85	7	1500	StCu	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995.5	-9	SSE	4	orr	47	92	6	800	Nb	10	-	10	2
Malin Head	991.0	+1	SSW	7	c	49	92	7	1500	StCu	9	-	9	•
Renfrew	995.2	-5	S	7	orr	52	92	7	450	Nb	10	-	10	2
Edinburgh (Inchkeith)	995.2	-9	SSW	5	cjb	52	75	8	800	CuNb	~~10~~ 8	ACu	10	•
Leuchars	996.3	-8	S	7	cb	53	75	8	1500	Nb	6	ASt	10	2
Eskdalemuir	999.8	-6	S'W	8	or-	49	92	6	1500	Nb	10	-	10	2
Tynemouth	1002.9	-5	S	5	c/r	53	85	6	1500	Nb	8	-	8	•
Blacksod Point	992.6	+2	S	6	c	49	78	8		CuNb	8	-	8	•
Donaghadee	997.9	-2	WSW	4	c/r	47	92	7	1500	Nb	8	-	8	•
Birr Castle	997.4	•	S	5	orr	49	85	7	1500	Nb	10	-	10	•
Holyhead	1003.5 ~~1005.3~~	-6	S	6	or+	50	97	5	450	Nb	10	-	10	2
Liverpool (Bidston)	1005.9	-4	S	4	cdd	55	85	7	1500	Nb	9	ASt	10	•
Chester (Sealand)	1006.9	-5	S	4	co	55	85	7	1500	St	10	-	10	2
Harrogate	(1006.3)	-6	SSW	6	c	54	85	7	2500	Nb	3	ASt	9	•
Spurn Head	1009.8	-7	S	6	c	49	92	6	2500	Nb	4	ASt	10	•
Birmingham (Edgbaston)	1010.9	-5	SSW	5	o	52	85	6	1500	Nb	10	-	10	2
Cranwell	1012.5	-6	S	5	c-	53	92	7	1500	StCu	3	ASt	9	1
Gorleston	1016.5	-5	S'W	5	o	48	97	6	1500	St	10	-	10	•
Valentia (Cahirciveen)	1000.8	+4	SW	4	c/pr0	50	75	8	2500	St	8	-	8	2
Roches Point	1003.1	+2	SW	4	orr	49	97	6	800	Nb	10	-	10	•
Pembroke (St. Ann's H.)	1005.7	-6	SW'S	7	odd	50	97	3	800	St	10	-	10	•
Ross-on-Wye	1010.9	-4	SSW	4	c	53	85	8	2500	Nb	10	-	10	2
Leafield	1013.9	-5	S'W	5	o	51	92	8	1500	St	10	-	10	2
Winchester (Worthy Dn.)	1016.2	-4	S'E	5	o/d	50	97	5	450	St	10	-	10	2
S. Farnborough	1016.5	-4	SSW	5	odd	51	97	6	450	Nb	10	-	10	2
London (Kew Obsy.)	1016.9	-4	SSW	4	od	51	97	7	450	Nb	10	-	10	2
Croydon	1017.2	-4	SSW	4	od	50	97	6	220	Nb	10	-	10	2
Shoeburyness	1018.3	-4	SSW	3	c	50	97	7	800	StCu	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1018.2	-4	S	4	od	45	97	2	<150	St	10	-	10	2
Lympne	1019.1	-5	S	5	odd	48	97	1	<150	St	10	-	10	2
Scilly (St. Mary's)	1009.8	-7	S'W	7	c/r	53	92	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1010.9	-5	SW'S	8	o	52	92	6	1500	St	10	-	10	•
Plymouth (Cattewater)	1013.5	-6	S	6	od	50	97	6	450	St	10	-	10	2
Portland Bill 49	1015.5	-4	S	5	o	~~45~~	92	6	1500	St	10	-	10	•
Southampton (Calshot)	1017.1	-5	SW'S	6	c	50	92	7	800	St	10	-	10	2
Dungeness	1020.5	-4	SW	4	oDD	48	97	4	450	St	10	-	10	•
Guernsey (Fort George)	1019.2	-4	S	6	c	50	97	8	800	St	5	ACu	9	•

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	987.1	-2	S	8	c	48	92	7	5700	StCu	5	ASt	10	•
Stornoway	988.3	+8	SSW	5	c/PR	45	85	6	1500	Nb	8	-	8	4
Wick	989.3	+1	SSW	5	c	46	85	8	1500	St	5	CiSt	8	4
Tiree	993.7	+7	WSW	6	bc	46	85	7	2500	CuNb	4	ACu	5	6
Nairn	991.0	•	WSW	6	c/r	47	75	8	4000	CuNb	8	-	8	•
Aberdeen	994.9	+1	SSW	4	bc-	47	85	6	-	-	0	ASt	5	4
Malin Head	996.3	+9	SW	5	bjb	45	92	7	4000	CuNb	2	CCu	2	5
Renfrew	998.1	+4	SW	6	or	47	85	7	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	997.0	+4	SW	4	c	47	75	8	1500	St	6	ASt	9	3
Leuchars	996.9	+4	SW	6	c	48	75	8	1500	Nb	5	ASt	10	•
Eskdalemuir	1000.7	+4	SSW	5	or0r0	43	92	6	1500	Nb	10	-	10	•
Tynemouth	1001.6	0	S	4	or0r0	53	92	6	1500	Nb	10	-	10	2
Blacksod Point	998.8	+6	S	4	bc	47	78	7	•	CuNb	6	•	6	5
Donaghadee	999.8	+4	WSW	3	c+	47	75	7	1500	St	8	-	8	2
Birr Castle	1001.3	•	SW	2	c-	46	85	7	1500	Cu	3	ASt	8	•
Holyhead	1004.1	+1	SSW	4	or-	46	92	6	800	Nb	10	-	10	1
Liverpool (Bidston)	1004.6	+1	W'S	4	cdd	47	92	7	2500	Nb	9	ASt	10	•
Chester (Sealand)	1004.9	0	SW	3	or0r0	50	85	6	800	Nb	10	-	10	•
Harrogate	1003.1	-2	S	6	cr0	52	85	6	2500	Nb	9	-	9	•
Spurn Head	1006.8	-2	S	6	o	49	92	6	2500	Nb	10	-	10	5
Birmingham (Edgbaston)	1007.9	-3	SSW	6	o	51	85	6	1500	St	10	-	10	•
Cranwell	1008.8	-3	SSW	5	c	52	85	7	1500	StCu	8	ASt	10	•
Gorleston	1013.3	-3	S	4	mmo	48	97	4	1500	St	10	-	10	1
Valentia (Cahirciveen)	1003.6	+4	SW'W	4	b	48	75	8	1500	St	2	-	2	5
Roches Point	1004.0	+1	W	3	c	48	85	8	1500	StCu	8	-	8	6
Pembroke (St. Ann's H.)	1005.4	+3	WSW	4	orr	46	97	5	1500	St	10	-	10	5
Ross-on-Wye	1007.4	-3	S'W	5	od	51	85	7	1500	Nb	10	-	10	•
Leafield	1010.0	-4	S'W	6	o	49	92	7	1500	Nb	10	-	10	•
Winchester (Worthy Dn.)	1013.0	-2	S'E	5	c	49	92	8	800	St	10	-	10	•
S. Farnborough	1013.4	-3	S'W	5	odd	49	97	6	450	Nb	10	-	10	•
London (Kew Obsy.)	1013.6	-4	SSW	4	c	50	85	7	1500	StCu	9	-	9	•
Croydon	1014.4	-3	SSW	4	od	50	85	7	800	Nb	10	-	10	•
Shoeburyness	1015.2	-5	SW	4	c	49	92	6	1500	StCu	10	-	10	•
Clacton-on-Sea	1014.7	-3	S	4	o	45	97	6	2500	St	10	-	10	3
Felixstowe	1015.3	-3	S	5	o	45	97	6	220	St	10	-	10	3
Lympne	1016.0	-3	S	5	o	47	97	6	450	St	10	-	10	•
Scilly (St. Mary's)	1007.4	-2	NW'W	4	orr	46	97	6	4000	Nb	10	-	10	6
Falmouth (Pendennis)	1006.1	-5	SW'S	8	or+	50	97	6	2500	Nb	10	-	10	4
Plymouth (Cattewater)	1008.4	-6	S	7	or	50	92	6	800	Nb	10	-	10	5
Portland Bill	1011.1	-4	S	5	c	49	92	6	2500	StCu	9	-	9	5
Southampton (Calshot)	~~[illegible]~~	-4	S'W	6	c	49	85	7	1500	St	9	-	9	6
Dungeness	1015.9	-4	SSW	4	c/d	48	97	6	800	St	4	ASt	9	4
Guernsey (Fort George)	1014.3	-6	S	7	c	50	92	7	4000	StCu	5	ACu	9	6

1013.5

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall† mm. Day	Rainfall Night	Sunshine to Sunset hrs.	Humidity 15h. G.M.T. % Yesterday	Humidity 9h. G.M.T. % To-day	Visibility on 9h.
Kew (24 hours ended 7h.)	18	ca0	cdc	crc	52	43	41	Tr.	1	0.0	•	•	
Croydon (24 hours ended 7h.)	244	odd m	od d m	dco rr	51	43	42	0.4	3	0.0	•	•	
Greenwich (Royal Obsy.)	149	cd	cdc	corro	52	41	40	Tr.	2	0.0	93	84	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	51	42	41	-	-	0.0	93	51	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	oco	o	•	50	41	40	-	2	•	•	90	•
Kensington Palace	80	o	o	•	52	42	?	-	1	•	(At 18h) 86	83	•
Hampstead Observatory	450	•	•	•						0.0	•		•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 22nd

South Kensington Max.	Time.	Min.	Time.
0.3	9h, 21st	<0.3	24h, 21st

Kew Observatory Max.	Time.	Min.	Time.
<0.3	THROUGHOUT.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 21st ......h......m. to 22nd ......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 18h. 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.

22nd-23rd January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·54 / 7·52	12·5 / 12·5	16·16 / 16·18
Greenwich	7·56 / 7·55	12·11 / 12·12	16·28 / 16·29
Wick	8·43 / 8·41	12·24 / 12·24	16·5 / 16·7
Valentia	8·39 / 8·38	12·52 / 12·53	17·7 / 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—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. 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 mi	

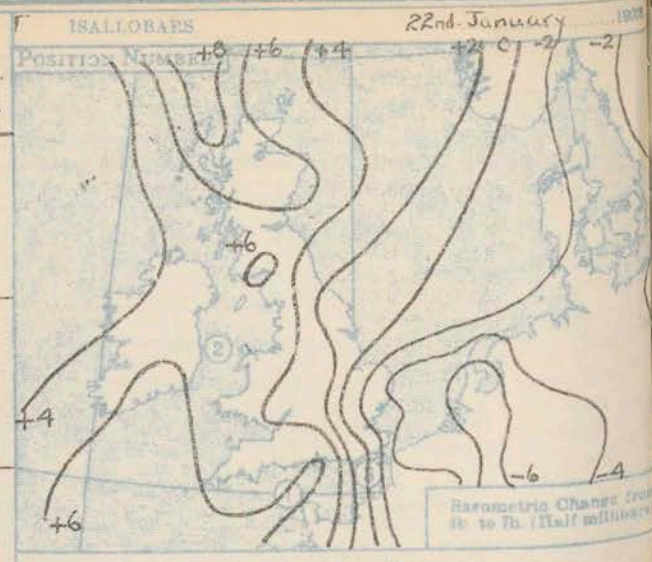
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 21st	Weather. 13h.-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	corr	arrc	c	c	48	44	.	14	<8.00	-	-	00
Stornoway	r-d	p	b.bc	c	51	40	.	12	*	1	-	00
Wick	c	cprc	b.bc	b.bc	48	39	.	0.2	14.30	-	-	.
Tiree	prqp	prcbc	bcco	prco	50	43	41	5	<8.00	0.4	4.30	00
Nairn	bqprc	cqpr	cq	c	53	40	.	2	11.00	-	-	00
Aberdeen	corrm	orrmbq	bccm	bccm	50	37	32	6	<8.00	-	-	00
Malin Head	cp	cRbc	bpr	bbcpr	55	40	.	1	<8.00	0.5	22.00	00
Renfrew	orrq	orrqc	orq cbc	bcb	53	37	31	12	<8.00	0.2	21.00	00
Edinburgh (Inchkeith)	b	b	c	ocbc	56	41	38	0.4	9.00	-	-	00
Leuchars	bqcir	cbrc	bcbrcbc	bcc	53	38	33	3	<8.00	0.2	21.00	00
Eskdalemuir	orrm	orrm	oirm	oc	49	37	34	25	<8.00	1	21.00	00
Tynemouth	oirq	coirq	oir	o	55	42	39	0.2	14.00	3	21.00	.
Blacksod Point ...	pc	pcbc	pb	pbc	52	40	.	Tr	.	1	*	.
Donaghadee	rriR	cbcc	cpc	bc	51	37	.	5	<8.00	-	-	.
Birr Castle	orr	orrc	cbc	bc	55	33	22	4	<8.00	-	-	00
Holyhead ... kq ...	rrorr	rrrm	irom	omb	51	43	41	12	<8.00	1	21.00	00
Liverpool (Bidston) ...	bcqub	adrr	orr	rbc	56	41	40	3	9.00	6	21.00	0.3
Chester (Sealand) ...	cmir	crorr	rRm	ofom	56	41	40	1	<8.00	7	21.00	00
Harrogate	cqir	cqir	corr	corrc	54	40	38	Trace	9.00	11	21.00	00
Spurn Head	o	c	orr	orr	51	41	.	-	-	9	22.00	00
Birmingham (Edgbaston)	od	or	orR	oRrr	54	38	38	0.1	9.00	23	21.00	00
Cranwell	omc	c	orrm	orr	54	39	39	-	-	11	21.00	00
Gorleston	fooq	wmo	ocq oq	oq	49	44	43	-	-	Trace	6.30	00
Valentia (Cahirciveen)	or	obpoc	b	bpcb	54	42	38	3	<8.00	0.2	3.30	00
Roches Point	orr	orc	cbc	b	52	40	.	7	<8.00	-	-	.
Pembroke (St. Anu's H.)	ofd	orrm	orrm	bcb	50	43	.	9	<8.00	6	21.00	00
Ross-on-Wye	cobcc	cod	drrq	rrorc	54	40	38	0.2	11.00	15	21.00	00
Leafield	odo	odoq	oqor	oRr	51	38	37	0.1	<8.00	9	22.00	00
Winchester (Worthy Dn.)	odmd	mqc	corr	orrc	51	40	38	1	<8.00	5	21.00	00
S. Farnborough ...	omdd	odd	odod	odd	51	41	39	1	<8.00	3	21.00	00
London (Kew Obsy.) ...	cd	cdc	c	crc	52	43	41	Trace	<8.00	1	3.30	00
Croydon	odm	oddm	odc	corr	51	43	42	0.4	<8.00	3	21.00	00
Shoeburyness	c	c	cd	c	49	44	43	-	-	1	3.30	00
Clacton-on-Sea ...	ogme	ogme	og	ogd	45	42	41	Trace	-	0.3	5.30	00
Felixstowe	ofmfd	ofd	om	omr	45	43	41	0.1	11.00	0.2	6.30	00
Lympne	oddF	odgfo	omrm	orrm	48	43	42	1	<8.00	1	24.00	00
Scilly (St. Mary's) ...	odrcm	corrm	orrcbcb	bbc	53	44	.	12	<8.00	9	21.00	00
Falmouth (Pendennis)	oqd	omrq	omrq	crbc	53	44	.	2	<8.00	20	21.00	00
Plymouth (Cattewater)	oqfcd	oqdmr	oqRm	orrmb	51	42	40	0.1	<8.00	17	21.00	00
Portland Bill	orz	ocz	corrz	crrc	50	43	.	Trace	<8.00	1	22.00	.
Southampton (Calshot)	odoq	cq	cqrr	crr	50	42	40	0.5	<8.00	2	24.00	0.1
Dungeness	odd	odc	c	cdrd	49	46	.	1	9.00	0.5	2.30	.
Guernsey	cq	cq	cdcrrobcprdoi		50	44	.	-	-	2	1.30	00

oqdmcr



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	21st 10h.	Cambria	SSW	7	d	50	48
1	12h.	-	SSW	6	fo	52	50
3	22nd 7h.	Arundel	S	5	c+	48	48

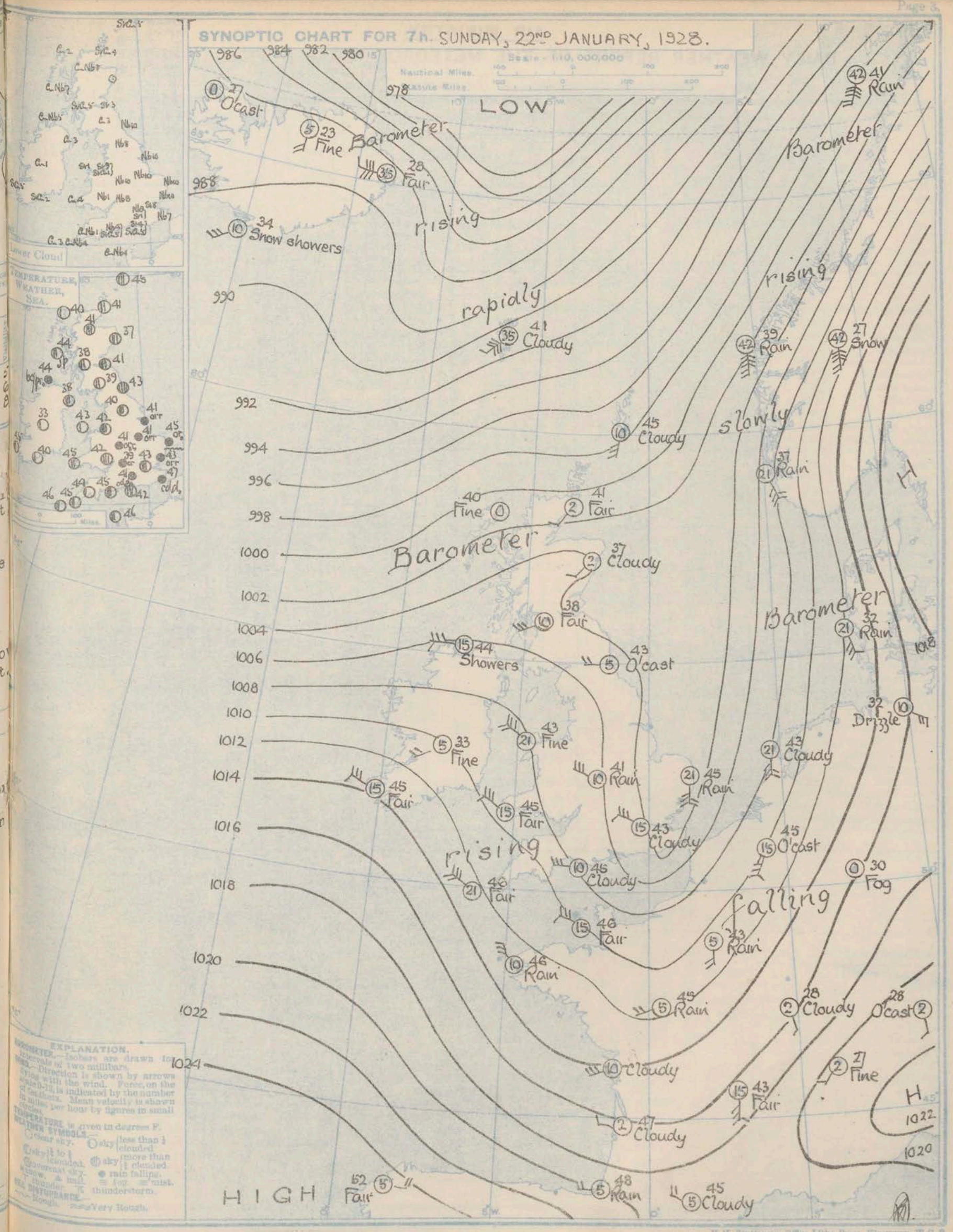
GENERAL INFERENCE.

A trough of low pressure is moving eastwards across the North Sea. Winds will be mostly from between northwest and west moderate or fresh and the weather mainly fair to-day though further rain is probable at first in Eastern England. Fresh disturbances on the Atlantic will probably affect the western districts before long. Temperature somewhat above normal but local frost at night.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 22nd January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind N.W. to W., moderate; mainly fair but some local showers: day temperature somewhat above normal, frost locally at night.	Unsettled but considerable fair periods in the Southeast.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate N.W. to W. winds; fair, a few local showers; day temperature somewhat above normal, frost locally at night.	
9. N. Midlands 10. N.E. England	As 1 - 4.	
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	Winds between northwest and southwest, light or moderate, probably freshening from southwest tomorrow; fair periods, some showers; rather mild by day, frost locally tonight.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1200 G.M.T. G. C. Simpson, F.R.S., Director.

Wt 350/1820. Wt 705. D 10/15. 15840. 1/28 ‡ 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. Sunday, 22nd January 1928. No. 22

Stations	Height above M.S.L. in feet	1h. G.M.T. 22nd: 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	7h. G.M.T. 22nd: 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	Sun 0-6
Lerwick	84	993·4	+3	S	3	c	45	92	7	5700	Sc Cu	2	asc	10	996·2	+3	SSW	3	c	45	92	8	5700	Sc Cu	5	asc	8	•
Stornoway	80	996·4	+5	SSW	4	b-	•	•	8	•	•	•	•	2	1001·8	+8	-	0	b-	40	85	7	4000	Cu	2	-	2	0
Wick	81	997·2	+5	SSW	2	bc	41	97	~~9~~ 8	2500	Sc Cu	4	Cu Sc	6	1001·3	+4	SW	2	bc	41	92	8	2500	Sc Cu	4	Cu Sc	6	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·9	+5	SW	3	bc/p	44	85	8	1500	Cu Nb	7	-	7	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·1	•	W	1	c	41	85	8	4000	Cu Nb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·6	+6	SW	1	c	37	92	6	-	-	0	asc	8	1
Malin Head	81	1002·0	+3	W	4	b/pc	43	97	7	4000	Cu Nb	2	-	2	1006·1	+3	W	4	bc/pc	44	92	8	4000	Cu Nb	5	ac Cu	6	4
Renfrew	26	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·3	+4	WSW	3	bc+	38	92	8	7200	Sc Cu	5	Cu Sc	6	•
Edinburgh (Inchkeith)	190	1000·1	+2	WSW	3	o	44	85	7	1500	Sc	10	-	10	1004·0	+4	W	2	bc-	41	92	8	1500	Sc	3	asc	4	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·7	+4	W	1	c	39	92	8	4000	Sc Cu	3	asc	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·3	+6	WNW	4	bc	39	85	7	2500	Cu	3	Ci	7	•
Tynemouth	67	1003·1	0	SW	2	o/p	44	92	6	1500	Nb	10	-	10	1004·9	+2	W	2	o	43	92	7	1500	Nb	10	-	10	2
Blacksod Point	18	1002·5	+4	W	4	b	46	85	7	•	Cu Nb	2	-	2	1010·7	+3	W	4	bc	45	75	7	•	Cu Nb	6	-	6	5
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·5	+5	WSW	2	bc-	38	85	8	2500	Cu	3	-	3	2
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·4	•	SW	2	b-	33	92	7	2500	Cu	1	-	1	•
Holyhead	26	1004·6	0	SW	2	o	44	97	6	1500	Sc	10	-	10	1008·1	+4	NW'W	5	b	43	92	7	1500	Sc	1	-	1	4
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·3	+4	W'N	4	c	42	92	7	4000	Sc	10	-	10	•
Chester (Scaland)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·3	+5	W	4	o	44	85	6	1500	Sc	10	-	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·0	+1	W	3	c	40	97	7	7200	Nb	8	asc	9	•
Spurn Head	29	1002·6	-6	S	5	orr	46	97	7	4000	Nb	10	-	10	1002·8	0	NWN	5	orr	41	97	7	2500	Nb	10	-	10	4
Birmingham (Edgbaston)	545	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·4	+3	WNW	3	orr	41	92	7	1500	Nb	10	-	10	•
Cranwell	236	1005·0	-5	SSE	4	orr	47	97	6	1500	Nb	10	-	10	1004·6	+2	NW	4	orr	41	97	6	450	Nb	10	-	10	•
Gorleston	14	1007·8	-5	S	6	o	45	92	6	1500	Nb	10	-	10	1003·2	-4	S	5	or	45	92	6	1500	Nb	10	-	10	4
Valentia (Cahirciveen)F	30	1008·4	3	W	3	bc+	45	97	9	-	Cu	3	-	3	1014·0	+5	WNW	4	bc	45	65	8	2500	Sc Cu	5	-	5	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·7	+7	NW	3	b	40	97	8	1500	Sc Cu	2	-	2	4
Pembroke (St. Ann's H.)	150	1004·1	0	NW'W	2	c	46	97	7	1500	Sc Cu	10	-	10	1009·2	+5	NW'W	4	bc+	45	85	7	2500	Cu	4	-	4	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·5	+3	W'N	2	c	42	85	~~8~~ 6	2500	Nb	1	asc	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·2	+3	NW	4	cr-	39	97	7	1500	Nb	8	asc	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·7	+6	W'N ~~N~~	4	c	40	92	8	1500	Sc	8	-	8	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1005·4	+4	NW	5	od	41	92	6	450	Nb	10	-	10	•
London (Kew Obsy.)	18	•	•	•	•	•	48	•	•	•	•	•	•	•	1004·3	-3	WNW	4	c	43	85	6	800	Sc	8	asc	10	•
Croydon	244	1007·5	-8	S'E	4	c	47	~~92~~	7	1500	Sc	10	-	10	1004·0	0	WNW	4	o/c	43	92	6	1500	Sc	10	-	10	•
Shoeburyness	11	•	•	•	•	•	•	85	•	•	•	•	•	•	1003·1	~~-5~~ -3	S'E	2	cd	45	97	6	1500	Sc Cu	10	-	10	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·4	-3	SSE	4	od+	43	97	7	2500	Sc	10	-	10	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·9	-3	SSE	5	orr	43	97	6	450	Nb	10	-	10	6
Lympne	350	1009·4	-6	SE	4	o	45	97	6	1500	Sc	10	-	10	1004·1	-4	S	4	or	45	97	6	800	Sc	10	-	10	•
Scilly (St. Mary's)	163	1007·7	+1	W'N	5	b-	47	85	8	-	-	0	-	0	1012·6	+6	NW	5	bc+	46	75	8	4000	Cu	3	-	3	4
Falmouth (Pendennis)	200	1006·2	+1	WNW	3	crr	44	97	7	4000	Sc Cu	8	-	8	1011·6	+5	NW	3	bc-	45	85	8	4000	Cu Nb	4	-	4	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·0	+5	N	1	b-	44	85	7	1500	Cu Nb	1	-	1	3
Portland Bill	32	1002·1	-9	SSE	7	orr	48	92	6	2500	Nb	10	-	10	1007·3	+4	W'N	3	c	45	85	8	2500	Sc Cu	9	-	9	4
Southampton (Calshot)	10	1005·0	-8	S'E	6	crf	47	85	7	1500	Nb	8	asc	10	1007·0	+5	NW	5	c	42	85	7	2500	Sc Cu	9	-	9	3
Dungeness	20	1008·3	-7	S	5	bc-	47	92	7	-	-	0	asc	7	1003·8	-2	SSW	4	cd	47	97	7	~~1500~~	Nb	7	asc	10	4
Guernsey (Fort George) P	205	1005·0	-4	S	5	oR-	48	92	5	1500	Nb	10	-	10	1010·2	+5	WNW	4	bc	46	85	9	2500	Cu Nb	4	ac Cu	6	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 21st January

Stations	Weather Forenoon	Weather Afternoon	Temperature Min. 9h. 20th to 9h. 21st °F.	Temperature Max. 9h.-17h. 21st °F.	Rainfall† Night 17h.-9h. 20th-21st mm.	Rainfall† Day 9h.-17h. 21st mm.	Sunshine Sunrise to Sunset 21st hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	cbs	o	40	55	0·3	0·4	0·8
Douglas (I. o. M.)	o	bor	43	50	1	4	0·0
Llandudno	rcr	rcr	43	58	Trace	0·6	0·0
Colwyn Bay	bcor	orror	46	54	1	7	0·0
Rhyl	obc	coro	39	56	0·2	0·2	0·0
Wallasey	oc	cirr	39	57	-	2	0·0
Southport	o	orr	*40	55	0·3	4	0·0
Blackpool	o	or	39	54	0·3	7	0·0
Ilkley	cb	oro	36	55	-	?	0·0
Cleethorpes	o	o	39	53	0·1	-	0·0
Skegness	oc	co	37	50	Trace	-	0·0
Aberystwyth	cbm	mrr	44	52	0·3	1	0·0
Bath	cdo	cdo	46	54	0·3	Trace	0·0
Cheltenham‖	cob	cge	43	55	Trace	0·3	0·1
Leamington Spa	c	c	43	55	0·2	-	0·1
Lowestoft	cf	cf	38	45	0·1	Trace	0·0
Felixstowe	cmb	cmec	39	45	0·4	0·1	0·0
Harwich & Dovercourt	fdo	ccm	42	47	0·5	Trace	0·0
Southend	oc	oc	41	48	0·3	-	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	od	od	48	55	0·1	0·6	0·0
Bude	ogbr	ogbr	45	54	1	0·5	0·0
Penzance	o	onr	50	54	1	2	0·0
Paignton	om	ocm	48	53	1	-	0·0
Torquay	oemjb	ocqea	49	52	1	-	0·0
Jersey	dc	dc	45	50	1	Trace	0·0
Weymouth	mfdo	oc	47	51	2	0·2	0·0
Bournemouth	o	o	46	51	2	-	0·0
Ventnor	crf	ou	40	48	3	0·5	0·0
Portsmouth (S'thsea)	oro	obco	46	52	2	1	0·4
Bognor	g	rrc	42	48	2	1	0·0
Littlehampton	dc	c	45	48	1	0·4	0·0
Worthing	od	oc	45	49	1	0·3	0·0
Brighton	odo	o	45	48	2	Trace	0·0
Eastbourne‖	odd	do	47	49	2	0·3	0·0
Hastings‖	opdwo	opro	46	49	2	1	0·0
Folkestone	ofedb	ofe id	44	49	1	2	0·0
Dover	imod	ddo	44	48	2	2	0·0
Tunbridge Wells	or	odo	43	50	1	1	0·0
Ramsgate	omo	dom	42	48	0·2	0·4	0·0
Margate	ocdo	cdo	43	50	Trace	Trace	0·0
Deal	d	orro	42	49	2	4	0·0

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* Information not usually received. F The observations at 0h. 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. 24168 Monday 23rd January 1928.

Observations at 13h. 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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1002.8	+3	W	1	c	44	75	8	5700	St.Cu.	3	Ci.	8	•
Stornoway	1006.6	+2	—	0	bc	46	75	6	4000	Cu.	1	A.Cu.	3	•
Wick	1008.0	+6	W	1	bc	43	85	8	2500	St.Cu.	3	Ci.St.	4	•
Tiree	1009.1	+3	SW	4	bc+	47	85	8	1500	St.Cu.	~~4~~ 6	—	~~4~~ 6	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1008.2	+3	WNW	2	b	44	75	7	4000	St.Cu.	1	Ci.	2	2
Malin Head	1010.6	+2	W	4	bcjp	47	92	8	4000	Cu.Nb.	2	A.Cu.	5	•
Renfrew	1009.3	+2	SW	2	bc-	49	75	7	2500	St.Cu.	6	-	6	2
Edinburgh (Inchkeith)	1008.3	+4	W	1	b-	43	85	6	—	—	0	Ci.Cu.	2	•
Leuchars	1008.8	+3	W	3	b	46	75	8	—	—	0	Ci.	1	2
Eskdalemuir	1009.6	+4	W	2	c+	42	75	8	2500	St.Cu.	8	-	8	2
Tynemouth	1007.6	+3	WNW	3	o	43	92	7	1500	Nb.	10	-	10	•
Blacksod Point	1013.4	+3	W	5	bc	46	75	7	*	Cu.	3	-	3	•
Donaghadee	1012.3	+3	WNW	1	bc	45	75	8	4000	Cu.	3	-	3	•
Birr Castle 46	1014.8	•	SW	2	bc+	~~46~~	85	8	2500	Cu	5	-	5	•
Holyhead	1012.9	+3	WNW	5	b	45	85	7	4000	Cu.	<1	A.Cu.	1	2
Liverpool (Bidston)	1011.6	+3	W'N	4	b	44	85	7	2500	St.	<1	Ci.	1	2
Chester (Sealand)	1011.2	+3	WNW	5	b-	46	75	8	2500	Cu.	1	-	1	2
Harrogate	1009.1	+3	W	3	c	43	75	7	—	—	0	Ci.Cu.	8	•
Spurn Head	1006.6	+1	NW	5	cr-	43	92	6	4000	Nb.	7	A.St.	10	•
Birmingham (Edgbaston)	1011.4	+4	NW	5	bc-	44	75	7	2500	Cu.	6	-	6	2
Cranwell	1008.5	+3	NWW	4	c	44	85	6	800	St.	8	A.St.	10	2
Gorleston	1004.4	+1	NW	5	or_or_o	42	92	6	1500	Nb.	10	-	10	•
Valentia (Cahirciveen)	1018.0	+2	W'S	4	bc	48	65	8	2500	St.Cu.	3	Ci.St.	5	
Roches Point	1017.8	+3	NW	3	b	46	75	8	1500	St.Cu.	1	Ci.Cu.	2	•
Pembroke (St. Ann's H.)	1016.2	+3	NW'W	4	b-	~~46~~ 45	85	8	4000	Cu.	2	-	2	•
Ross-on-Wye	1012.5	+2	NW	4	bc+	47	~~75~~	8	4000	Cu.	3	-	3	2
Leafield	1011.5	+3	NW	5	c	44	75	8	2600	Cu.	6	Ci.St.	8	2
Winchester (Worthy Dn.)	1011.4	+3	WNW	4	bc	48	75	8	2500	Cu.	4	A.St.	5	1
S. Farnborough	1010.7	+4	NW	5	bc-	45	75	8	1500	Cu.	3	Ci.	6	2
London (Kew Obsy.)	1010.4	+4	WNW	4	c	46	75	7	460	St.Cu.	9	-	9	2
Croydon	1010.2	+3	NW	4	c	46	75	5	800	St.Cu.	10	-	10	2
Shoeburyness	1008.4	+8	N'W	2	crd_o	43	92	6	800	St.Cu.	10	—	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1006.8	+5	WNW	4	cr_or_o	42	92	6	800	Nb.	8	A.St.	10	2
Lympne	1008.5	+5	W	4	c	44	85	5	800	St.	7	A.St.	10	2
Scilly (St. Mary's)	1018.1	+4	NW'W	5	bc/pr_o	49	65	8	4000	Cu.	6	-	6	•
Falmouth (Pendennis)	1017.2	+2	NW'N	4	bc+	48	75	8	4000	Cu.	6	-	6	•
Plymouth (Cattewater)	~~1016.8~~ 1015.9	+4	NW	4	bc+	47	65	8	1600	Cu.	5	Ci.St.	5	2
Portland Bill	1013.6	+3	WNW	4	bc-	47	75	8	2500	Cu.	3	-	3	•
Southampton (Calshot)	1011.9	+3	NW	5	~~b/bc~~	47	65	7	4000	Cu.	1	Ci.St.	1	2
Dungeness	1008.8	+4	NNW	3	c-	46	85	7	1500	Cu.	5	A.St.	9	•
Guernsey (Fort George)	1015.4	+5	NW'W	4	bc	48	75	8	2500	Cu.	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	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1007.6	+4	WSW	1	bc	42	85	8	4000	Cu.	2	A.St.	~~4~~ 3	•
Stornoway	1008.4	+2	S	1	bc/p_o	40	97	7	4000	Cu.	4	-	4	0
Wick	1009.9	+2	WSW	2	bc	35	85	8	—	—	0	Ci.St.	3	1
Tiree	1011.5	+2	SW'S	2	bc/pr_o	41	85	8	2500	Cu.	3	Ci.Cu.	5	3
Nairn	1009.4	•	—	0	bc-	33	85	8	5700	St.Cu.	5	—	5	•
Aberdeen	1011.6	+3	WNW	2	b	37	85	6	—	-	-	-	0	0
Malin Head	1012.9	+3	S	2	bc/pr_o	43	92	8	4000	Cu.Nb.	3	A.Cu.	4	2
Renfrew	1012.6	+3	W	2	b/f_o	38	92	5	5700	St.Cu.	2	-	2	•
Edinburgh (Inchkeith)	1011.6	+3	WSW	2	bm	42	92	6	800	St.	2	-	2	0
Leuchars	1011.9	+4	W	1	bc	40	85	8	4000	St.Cu.	3	A.Cu.	4	•
Eskdalemuir	1013.1	+4	W'N	3	bc-	39	85	7	2600	Cu.	4	-	4	•
Tynemouth	1011.7	+4	WNW	2	bc-	41	92	7	800	St.	4	-	4	1
Blacksod Point	1014.4	+1	SW	4	bc	45	75	7	•	Cu.Nb.	3	-	3	4
Donaghadee	1015.4	+4	WNW	1	b-	40	85	7	4000	Cu.	1	-	1	1
Birr Castle	1016.1	•	SW	2	bc	39	92	8	2500	Cu	1	A.Cu	4	•
Holyhead	1016.1	+4	WNW	4	bc	44	92	6	2500	St.Cu.	4	Ci.Cu.	4	3
Liverpool (Bidston)	1015.2	+4	W'N	4	bc+	41	92	8	2500	St.Cu.	4	-	4	•
Chester (Sealand)	1014.9	+4	W	2	b	41	85	6	5700	St.Cu.	1	-	1	•
Harrogate	1013.0	+5	WSW	3	b	39	92	8	—	—	0	A.Cu.	1	•
Spurn Head	1010.5	+5	NW	5	bc-	42	85	6	4000	Nb	4	—	4	3
Birmingham (Edgbaston)	1015.7	+4	WNW	3	b	41	75	6	—	—	0	—	0	•
Cranwell	1013.4	+6	W'N	4	bc	41	85	7	1500	St.Cu.	4	-	4	•
Gorleston	1009.7	+7	WNW	3	or_or_o	43	92	6	800	Nb.	10	-	10	0
Valentia (Cahirciveen)	1018.1	0	SW'S	3	bc	44	75	8	2500	St.	3	Ci.St.	5	5
Roches Point	1019.7	+3	WNW	2	b-	44	85	8	1500	St.Cu.	2	-	2	4
Pembroke (St. Ann's H.)	1018.6	+4	WNW	4	b	45	85	8	2500	St.Cu.	2	-	2	2
Ross-on-Wye	1016.6	+4	W	2	b-	41	75	8	4000	St.Cu.	1	-	1	•
Leafield	1016.1	+5	WNW	4	b	39	75	7	5700	St.Cu.	1	-	1	•
Winchester (Worthy Dn.)	1016.3	+5	W	3	b	39	85	8	—	—	0	A.St.	1	•
S. Farnborough	1015.6	+6	W	2	b-	41	85	7	4000	St.Cu.	1	-	1	•
London (Kew Obsy.)	1016.4	+5	W	2	b	43	75	5	—	-	0	-	0	•
Croydon	1016.3	+6	W'N	2	b	42	75	6	—	—	0	—	0	•
Shoeburyness	1012.9	+7	W'N	1	b-	43	85	6	—	—	0	A.St.	2	•
Clacton-on-Sea	1012.2	+5	WNW	4	c	44	85	6	7200	St.Cu.	9	-	9	1
Felixstowe	1012.4	+6	WNW	4	c/r-	44	75	6	1500	St.Cu.	9	A.St.	10	3
Lympne	1014.0	+7	W	4	b-	41	85	5	1500	St.	2	-	2	•
Scilly (St. Mary's)	1021.4	+4	WNW	3	bc	45	75	8	4000	Cu.	2	Ci.St.	3	4
Falmouth (Pendennis)	1021.2	+3	NW'W	2	bc	44	75	8	4000	Cu.	4	-	4	1
Plymouth (Cattewater)	1020.9	+5	W	1	b	44	85	8	2600	Cu.	1	-	1	1
Portland Bill	1017.6	+4	WNW	4	b	46	75	8	2500	Cu.	1	-	1	2
Southampton (Calshot)	1016.9	+5	W	3	b	42	75	7	—	—	0	—	0	0
Dungeness	1014.2	+7	N	2	bc-	41	85	7	—	—	0	A.Cu.	4	2
Guernsey (Fort George)	1019.7	+5	NW	3	b	45	85	8	4000	Cu.	1	-	1	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	crc	bcmbm	bwx	48	32	22	0.1	Tr.	1.3	*	*	1
Croydon } 24 hours ended 7h.	244	or_oc	cm$_o$b	bzx	48	35	23	0.4	-	1.3	•	•	[illegible]
Greenwich (Royal Obsy.)	149	ef$_o$m g	bcbc...	bw...bmx	46	32	25	Tr.	Tr.	0.0	73	94	[illegible]
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	~~46~~ 45	34	26	0.4		0.3	73	94	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.4	•	•	•
Camden Square	110	orc	cbc	•	45	35	27	0.3	-	•	•	97	•
Kensington Palace	80	orbc	bc	•	47	32	*	1	0.1	•	(At 18h) 75	100	•
Hampstead Observatory	450	•	•	•	44	30	21	0.3	Tr.	0.8	•	99	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 23rd

South Kensington Max.	Time.	Min.	Time.
0.6	7h 22nd	<0.3	3h 23rd

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 22nd 17 h. 45 m. to 23rd 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.45	12.3	95
δ Ursae Minoris	12.45	11.36	91

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 (from frozen rain or melted snow).

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

23-24th January 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.52	12.5	16.18
	7.51	12.5	16.20
Greenwich	7.55	12.12	16.29
	7.53	12.12	16.31
Wick	8.41	12.24	16.7
	8.40	12.24	16.10
Valentia	8.38	12.53	17.9
	8.36	12.53	17.10

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.	

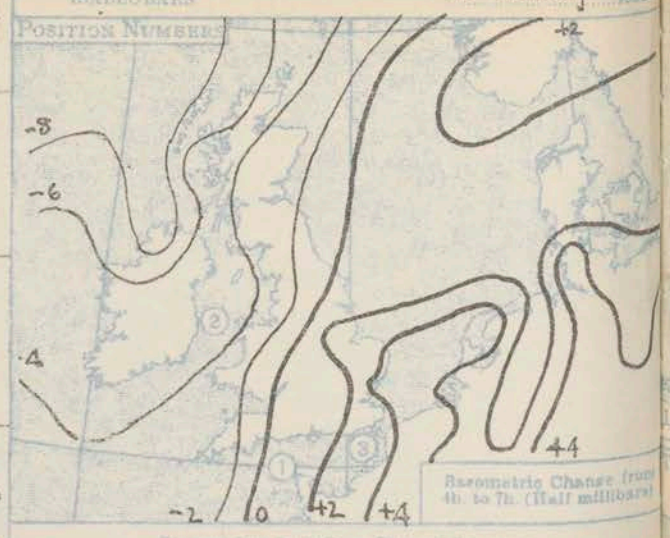
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars

M.O. Form 2370. Page

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 22nd	WEATHER. 13h.-18h. 22nd	WEATHER. 18h. 22nd to 1h. 23rd	WEATHER. 1h.-7h. 23rd	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 22nd Hours
Lerwick	c	cp,rbc	bcb	bbcc	45	38	.	Trace	—	—	—	0.7
Stornoway	b-bc	p	b-bc	r-d	46	36	.	0.1	11.00	2	*	3.5
Wick	b-bc	b-bc	b-bc	b-bc	45	35		—	—	—	—	.
Tiree	pr,bc	bcpr,	pr,bc	cbpr,	47	35	30	1	08.00	2	<21.00	3.0
Nairn	cbc	bcx	bcx	bc	44	31		—	—	—	—	0.1
Aberdeen	bcm,b	bm,	bm,	bbcm,x	45	30	25	—	—	—	—	3.0
Malin Head	bcp,r	bcp,r	bcpr,bc	or,	47	37		0.4	08.00	1	<21.00	4.4
Renfrew	cp,bc	bcfb	bxm,	bxo	49	32	24	Trace	09.00	Trace	6.30	2.5
Edinburgh (Inchkeith)	b-bc	bcbim,	bcb	c	46	37	32	—	—	—	—	4.1
Leuchars	cb	b-bc	bx	bbcxpr,	46	31	25	—	—	Trace	3.30	4.6
Eskdalemuir	bcbc	cpr,bcc	bcbbcw	bcwt	44	32	20	Trace	14.30	Trace	—	1.7
Tynemouth	o	obc	bc	bc	46	36	31	—	—	—	—	.
Blacksod Point ...	bbcb	pb	bcyR	Rd,	49	42	.	1	*	11	*	.
Donaghadee	bc	bcb	bbc	orr	47	36		—	—	1	4.30	
Birr Castle	bbc	bc	bcorr	orr	47	35	33	—	—	3	3.30	5.5
Holyhead	b	bbcm,	bm,	bcwm,	46	42	38	—	—	Trace	6.30	6.5
Liverpool (Bidston) ...	cbcb	bbccb	bbcce	cem,	44	37	32	—	—	—	—	5.4
Chester (Sealand) ...	ocb	bbm,	bbcm,	bxbem,	46	33	26	—	—	—	—	5.3
Harrogate	c	cbcb	bbcc	bcc	45	36	30	—	—	—	—	2.1
Spurn Head	orr	c	bbc	bw	44	37	.	5	18.00	—	—	0.2
Birmingham (Edgbaston)	or,cbc	bcb	b	bbcxc	46	34	32	Trace	08.00	—	—	2.2
2 Cranwell	rrm, o	cm,cbc	b-bc	bbc	45	34	30	4	08.00	—	—	0.4
Gorleston	ogr,r	og,r	or,rb	bbc	45	35	30	4	08.00	0.5	<21.00	0.0
Valentia (Cahirciveen)	bbcp,	bccp,	pcbr	orr,	48	43	39	0.6	09.00	12	<21.00	3.5
Roches Point	b	bbcb	bbcp	cor,r	48	43	.	—	—	6	22.00	.
Pembroke (St. Ann's H.)	bcb	b	b	bbc	48	44		—	—	0.1	6.30	7.1
Ross-on-Wye	cb	bc	b	bxbcc	47	35	32	—	—	—	—	3.1
Leafield	r,cbc	bcw	bw	bfe	44	32	28	0.1	08.00	Trace	—	3.8
Winchester (Worthy Dn.)	cbc	bcb	b	orrc	48	39	31	—	—	Trace	—	4.8
S. Farnborough ...	ocbc	bcb	bw	bwbfx	48	39	33	0.1	08.00	Trace	—	3.1
London (Kew Obsy.) ...	cr,c	bcm,bm,	bw	bwx	48	39	33	0.1	09.00	Trace	—	1.3
Croydon	or,rc	cm,z,b	bz,	ozx	48	39	33	0.4	08.00	—	—	1.3
Shoeburyness	cr,r,	cbc	bc	b	46	35	32	1	11.00	—	—	0.0
Clacton-on-Sea ...	ogr	ogrc	bc	bc	44	36	32	4	08.00	—	—	0.0
Felixstowe	or,m,	cr,m,	cm,bc	bcb	44	37	34	2	08.00	—	—	0.0
Lympne	odr,cm,	bcbm,	bm,	bcbm,	46	32	29	0.1	08.00	—	—	0.1
Scilly (St. Mary's) ...	bcp,	bc	bcb	cbrr	49	44	.	0.1	11.00	1	4.30	6.5
Falmouth (Pendennis)	bcp	bc	bcb	bbcc	49	40	.	—	—	Trace	6.30	7.4
Plymouth (Cattewater)	bbc	bcb	b	bwc	48	39	31	—	—	—	—	7.2
Portland Bill	cbc	bcb	b	bbc	48	43	.	—	—	—	—	.
Southampton (Calshot)	cbcb	bbcb	bw	bwx	47	33	20	—	—	—	—	5.0
Dungeness	c	cbcc	bcb	bbc	47	33	.	Trace	08.00	—	—	
Guernsey	bcm,	bcbv	bbc	bcbv	48	42	.	—	—	—	—	7.3

23rd January 1928



Observations from Cross Channel Steamers.

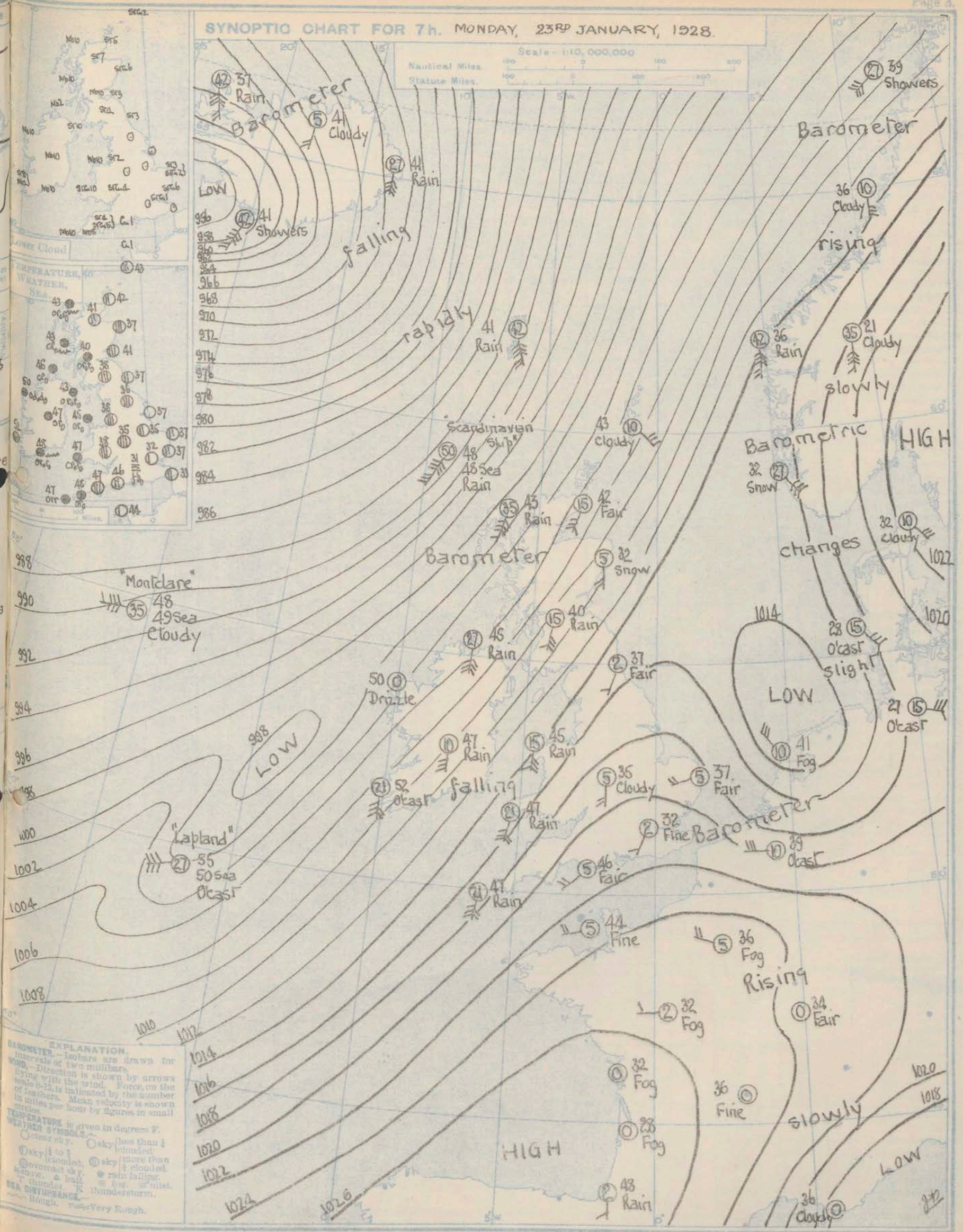
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Initials.
3	23rd 2h	Dieppe	NW	3	bc	45	48	8

GENERAL INFERENCE.

A deep depression will move rapidly northeastwards over Iceland and an associated secondary off Southwest Ireland deepen as it moves eastwards across the British Isles. Weather, after being mainly fine at first over southeastern districts, will become stormy and unsettled with rain at times in most places.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 23rd January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Freshening southwesterly winds; cloudy, with rain or drizzle at times; mild.	Stormy and unsettled; mild.
5. S.W. England ▼ 6. South Wales ▼ 7. North Wales ▼ 8. N.W. England ▼	South to southwest winds, moderate to strong, approaching gale at times; cloudy, some rain or drizzle; mild.	
9. N. Midlands 10. N.E. England	As 1 - 4.	
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 ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	As 5 - 8.	▼ South Cone hoisted at 2h. 30 m. today in districts 13, 13B., 15, 16, 17 and 20. and at 9h. today in districts 5, 7, 8, 11, 12, 18 and 19.

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



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Monday 23rd January 1928. No. 23

Observations at 1h. G.M.T. 23rd

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	1009.0	0	WSW	1	b	40	97	8	4000	Cu	1	–	1
Stornoway	30	1006.8	-2	S	4	bc	•	•	8	•	•	•	•	3
Wick	81	1009.9	0	SSW	2	bc	39	92	8	2500	StCu	3	–	3
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	83	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1010.3	-3	SSE	4	o	40	97	7	1500	St	10	–	10
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1012.8	+2	WSW	2	b	39	92	7	–	–	0	–	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	87	1014.7	+2	WNW	2	bc	38	97	7	800	St	3	–	3
Blacksod Point	18	1007.7	-4	S	6	oRR	46	97	5	•	Nb	10	–	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1016.7	0	SW	3	b	43	92	6	–	–	0	Ci	1
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1014.6	+2	WNW	5	b	40	92	7	–	–	0	–	0
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1016.5	+3	W'S	3	b	38	97	7	–	–	0	–	0
Gorleston	14	1014.2	+3	W'N	3	b	39	85	7	–	–	0	–	0
Valentia (Cahirciveen)	30	1013.3	-4	SW	5	orr	48	97	7	•	St	10	–	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1018.8	0	SW	4	b	46	85	8	–	–	0	–	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	38	•	•	•	•	•	•	•
Croydon	244	1018.8	+3	W'S	3	b	36	85	7	–	–	0	ACu	2
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1018.1	+3	W	3	b	36	92	6	–	–	0	–	0
Scilly (St. Mary's)	163	1021.3	0	SW	4	b	33	78	9	–	–	0	–	0
Falmouth (Pendennis)	200	1022.3	-1	W'N	2	b	41	85	8	4000	Cu	2	–	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1020.6	+2	W'N	3	b	44	85	8	–	–	0	–	0
Southampton (Calshot)	10	1020.4	+2	W	4	b	39	92	8	–	–	0	–	0
Dungeness	20	1018.9	+4	WNW	3	b	35	92	8	–	–	0	–	0
Guernsey (Fort George) ᵖ	295	1021.8	+2	W	1	b	44	75	8	–	–	0	–	0

Observations at 7h. G.M.T. 23rd

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	1005.7	-4	SE	3	c	43	92	8	5700	StCu	2	ASt	10	•
Stornoway	998.8	-8	SSW	7	or₀r₀	43	97	6	2500	Nb	10	–	10	6
Wick	1004.7	-6	SSW	4	bc	42	85	8	2500	StCu	5	CiSt	7	3
Tiree	1002.3	-5	SSE	6	or₀r₀	43	97	6	800	Nb	10	–	10	6
Nairn	1004.2	•	W	1	bc+	41	75	8	1500	St	7	–	7	•
Aberdeen	1009.9	-3	S	2	c+	37	92	6	4000	StCu	6	ASt	10	0
Malin Head	1002.9	-9	S	6	cr₀	45	97	7	4000	Nb	2	ASt	9	4
Renfrew	1009.5	-3	S	4	or₀r₀	40	85	7	1500	Nb	10	–	10	•
Edinburgh (Inchkeith)	1009.3	-3	SW	2	c+	41	85	8	1500	St	9	–	9	0
Leuchars	1009.9	-3	SSW	3	bc+	37	85	8	4000	StCu	3	ASt	6	•
Eskdalemuir	1012.0	-3	SW	4	c	38	97	7	450	St	4	ASt	10	•
Tynemouth	1014.1	-1	SW	1	bc	37	97	7	1500	St	3	ACu	4	1
Blacksod Point	1001.7	(-4)	–	0	odd₀	50	97	6	•	Nb	10	–	10	5
Donaghadee	1010.7	-5	SW	3	or₀r₀	43	92	7	1500	St	10	–	10	2
Birr Castle	1006.6	•	S	3	or₀	47	85	6	1500	Nb	10	–	10	•
Holyhead	1013.2	-4	S	4	or₀	45	97	6	1500	Nb	10	–	10	3
Liverpool (Bidston)	1015.5	-2	S'E	4	c	38	85	6	4000	St	2	ASt	9	•
Chester (Sealand)	1015.7	-3	SSE	3	bc+	38	92	6	–	–	0	CiSt	6	•
Harrogate	1016.3	-1	SSW	2	c	36	92	5	–	–	0	ASt	9	•
Spurn Head	1017.4	0	WSW	2	b	37	97	7	–	–	0	–	0	1
Birmingham (Edgbaston)	1019.0	0	S	2	c	35	97	6	–	–	0	ASt	9	•
Cranwell	1018.5	+2	SW	3	bc+	35	97	6	–	–	0	CiSt	7	•
Gorleston	1018.0	+4	WSW	2	bc	37	97	6	1500	St	5	–	5	0
Valentia (Cahirciveen)	1006.4	-5	S	5	o/r	52	97	7	450	St	10	–	10	4
Roches Point	1010.3	-5	SW	4	or₀r₀	48	97	6	800	Nb	10	–	10	6
Pembroke (St. Ann's H.)	1015.6	-2	SSW	5	cr₀	47	92	6	1500	StCu	10	–	10	2
Ross-on-Wye	1018.8	-1	SW	2	c	38	92	7	2500	StCu	4	CiSt	9	•
Leafield	1019.7	0	SW'S	3	ff₀	33	97	2	<150	St	10	–	10	•
Winchester (Worthy Dn.)	1021.0	+1	SE	1	ffb	29	97	3	–	–	0	–	0	•
S. Farnborough	1020.5	0	–	0	f₀b+	31	97	2	–	–	0	–	0	•
London (Kew Obsy.)	1020.8	+1	SSW	1	b	32	97	5	–	StCu	1	–	1	•
Croydon	1020.7	+1	SW'S	2	b	32	97	6	–	–	0	–	0	•
Shoeburyness	1020.0	+2	W'S	3	bc	35	85	6	5700	StCu	3	–	3	•
Clacton-on-Sea	1019.2	+5	WNW	3	bc	37	92	7	1200	StCu	4	–	4	1
Felixstowe	1019.3	+3	W'N	2	bc	38	85	8	4000	StCu	6	–	6	1
Lympne	1020.4	+2	WNW	3	b	34	92	5	4000	StCu	2	–	2	•
Scilly (St. Mary's)	1017.7	-3	SSW	5	orr	47	97	6	4000	Nb	10	–	10	5
Falmouth (Pendennis)	1019.4	-2	SW'S	5	cr₀	48	65	8	2500	Nb	8	ASt	10	2
Plymouth (Cattewater)	1019.8	-2	SW	4	c+	47	85	8	2500	StCu	9	–	9	2
Portland Bill	1020.5	0	SW	2	bc+	46	85	8	2500	Cu	1	ASt	5	2
Southampton (Calshot)	1021.3	+1	W	2	b	38	92	7	–	–	0	–	0	0
Dungeness	1020.4	+3	N	1	bc+	33	97	8	–	–	0	ACu	3	2
Guernsey (Fort George) ᵖ	1022.7	0	W'S	2	b	44	85	8	4000	Cu	1	ACu	2	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd January

Stations (1)	Weather Fore-noon (2)	Weather After-noon (3)	Temperature Min. 9h. 21st to 9h. 22nd (4) °F.	Temperature Max. 9h.-17h. 22nd (5) °F.	Rainfall Night 17h.-9h. 21-22 (6) mm.	Rainfall Day 9h.-17h. 22nd (7) mm.	Sunshine Sunrise to Sunset 22nd (8) hr.
Berwick-on-Tweed	c	bc	39	46	0.6	–	1.8
Douglas (I. o. M.)	b	bc	39	45	–	–	6.3
Llandudno	bc	cbc	43	46	5	–	4.5
Colwyn Bay	rroc	cb	42	46	6	–	3.5
Rhyl	cbc	bc	42	45	5	–	5.3
Wallasey	bcb	b	41	45	10	–	5.0
Southport	ocbcb	bbcb	*41	45	8	–	4.0
Blackpool	c	bc	41	44	3	–	4.1
Ilkley	c	c	40	46	13	–	1.4
Cleethorpes	o	co	41	44	12	–	0.1
Skegness	oroc	cbc	41	44	14	1	0.0
Aberystwyth	rcbc	oc	42	46	12	–	5.4
Bath	bcb	bcb	41	48	14	–	5.8
Cheltenham‖	orcbc	bcb	40	51	17	–	2.6
Leamington Spa	c	c	40	46	12	–	0.3
Lowestoft	cr₀	cr	42	44	1	3	0.0
Felixstowe	cr	crcm	42	43	1	2	0.0
Harwich & Dovercourt	ocr	ocroc	41	44	1	1	0.0
Southend	or	oc	41	45	1	1	0.0
Ilfracombe	b	b	43	47	18	–	6.1
Bude	prbc	bc	44	47	19	–	6.8
Penzance	b	b	44	50	20	–	7.0
Paignton	b	bbcb	43	49	12	–	6.9
Torquay	b	b	43	51	11	–	7.2
Jersey	rbc	bc	45	50	2	–	7.0
Weymouth	b	b	42	49	3	–	7.5
Bournemouth	b	b	41	48	3	–	6.5
Ventnor	r	cb	40	49	1	–	5.8
Portsmouth (S'thsea)	cb	bbc	42	48	1	–	4.6
Bognor	cbcb	b	38	49	2	–	4.2
Littlehampton	c	bc	42	48	1	–	4.0
Worthing	c	bcb	41	48	1	–	3.8
Brighton	cbc	bcb	42	49	1	–	3.4
Eastbourne‖	ocor₀o	cbcb	42	48	2	0.1	3.3
Hastings‖	or₀	ocbcb	42	48	2	0.2	2.7
Folkestone	oidc	codc	42	46	1	Trace	0.1
Dover	d₀doc	cogf₀b	44	46	1	0.1	0.1
Tunbridge Wells	docbc	ocbc	40	47	2	Trace	1.9
Ramsgate	od	dbc	41	45	0.2	0.4	0.0
Margate	c	d₀	42	45	0.2	0.6	0.0
Deal	bc	od₀	44	49	1	Trace	0.0

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24169 Tuesday 24th January 1928.

Observations at 13h. G.M.T. 23rd

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	1000.4	-3	S	6	orr	42	97	7	4000	Nb	10	-	10	•
Stornoway	996.6	-2	SSW	4	odd	45	97	6	2500	Nb	10	-	10	•
Wick	1000.3	-4	SSW	5	cr_0r_0	43	92	8	1500	Nb	8	A.St	10	•
Tiree	998.2	-3	S'W	4	or_0r_0	46	97	6	800	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1005.0	-6	S'E	4	cr_0r_0	41	92	5	1500	Nb	9	A.St	10	2
Malin Head	997.7	-6	S	4	cr_0	47	97	6	4000	Nb	2	A.St	9	•
Renfrew	1002.6	-9	S	4	orr	46	92	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1003.9	-6	SSW	3	cr_0r_0	45	85	8	800	CuNb	10	-	10	•
Leuchars	1004.4	-7	SSE	3	cr_0	44	92	7	1500	Nb	9	A.St	10	2
Eskdalemuir	1005.4	-8	S	6	orr	42	92	6	450	Nb	10	-	10	2
Tynemouth	1010.1	-5	S	3	or_0	41	85	5	1500	Nb	10	-	10	•
Blacksod Point	997.4	-2	S	3	odd	49	92	7	-	Nb	10	-	10	•
Donaghadee	1003.4	-7	SSW	6	orr	47	92	6	1500	Nb	10	-	10	•
Birr Castle	1001.3	•	S	4	or_0	53	92	6	1500	Nb	10	-	10	•
Holyhead	1006.8	-8	S'E	6	odd	46	97	5	450	Nb	10	-	10	2
Liverpool (Bidston)	1009.7	-7	SE'S	4	or_0r_0	42	92	6	2500	St	10	-	10	•
Chester (Sealand)	1010.0	-8	SE	4	crr	43	92	6	1500	Nb	8	ASt	10	2
Harrogate	1012.3	-4	S	2	or_0r_0	41	85	3	<150	St	10	-	10	•
Spurn Head	1014.8	-3	S'W	5	c+	41	92	6	4000	StCu	9	-	9	•
Birmingham (Edgbaston)	1015.0	-5	SSW	4	cr_0	42	85	6	2500	Nb	4	A.St	8	2
Cranwell	1017.1	-2	S	4	c	41	85	7	-	-	0	A.St	10	1
Gorleston	1018.2	-2	SW'S	3	bc+	46	75	6	-	-	0	CiCu	6	•
Valentia (Cahirciveen)	1003.8	-5	S'W	5	or_0r_0	53	97	6	450	St	10	-	10	2
Roches Point	1007.9	-3	SW	4	odd	51	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1009.6	-5	SSW	6	oRR	47	97	6	800	St	10	-	10	•
Ross-on-Wye	1014.5	-5	SSW	4	or_0+	45	92	6	1500	Nb	10	-	10	2
Leafield	1016.8	-4	S'E	4	cr_0	42	92	7	1500	St	7	A.St	10	2
Winchester (Worthy Dn.)	1018.6	(-4)	S'E	4	cr_0	45	92	6	1500	St	7	A.St	10	1
S. Farnborough	1019.1	-4	S	3	c	45	85	6	4000	StCu	7	A.St	10	2
London (Kew Obsy.)	1019.3	-4	SSW	3	c	44	85	5	1500	StCu	3	A.St	10	2
Croydon	1019.7	-3	S'W	3	c	44	85	5	-	-	0	A.St	10	2
Shoeburyness	1020.3	-1	SW	2	bc⊕	44	75	7	-	-	0	CiSt	5	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1020.7	0	S'W	4	c	43	85	5	-	-	0	A.St	9	2
Lympne	1020.8	-2	SSW	4	c⊕	44	85	7	1500	St	2	CiSt	9	2
Scilly (St. Mary's)	1013.2	-5	SW'S	6	oR-	48	97	4	2500	Nb	10	-	10	•
Falmouth (Pendennis)	1013.6	-5	SSW	8	orr	48	97	6	1500	Nb	10	-	10	•
Plymouth (Cattewater)	1016.1	-6	S	6	orr	47	97	6	220	Nb	10	-	10	2
Portland Bill	1018.4	-2	SSW	4	od_0	47	92	6	1500	St	10	-	10	•
Southampton (Calshot)	1019.8	-3	SSW	5	c	46	85	7	4000	StCu	2	A.St	10	0
Dungeness	1021.4	+1	WSW	2	c+	46	85	8	1500	Cu	3	CiCu	9	•
Guernsey (Fort George)	1021.6	-2	S'W	4	or_0	45	92	7	1500	Nb	10	-	10	•

Observations at 18h. G.M.T. 23rd

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	996.0	-5	SE	5	orr	43	92	7	4000	Nb	10	-	10	•
Stornoway	988.9	-11	SSW	3	or	45	97	6	2500	Nb	10	-	10	2
Wick	993.9	-8	SSW	5	orr	42	92	7	1500	St	10	-	10	4
Tiree	990.0	-8	S'W	3	or_0r_0	45	97	6	450	Nb	10	-	10	3
Nairn	991.2	•	-	0	or-	43	92	7	800	Nb	10	-	10	•
Aberdeen	996.4	-10	SSE	5	or_0r_0	43	92	5	800	Nb	10	-	10	4
Malin Head	991.5	-7	SW	5	bc/r	51	97	7	4000	Cu	5	A.Cu	6	4
Renfrew	994.9	-9	S	4	oDD	48	97	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	995.2	-12	WSW	4	or_0r_0	47	85	8	800	Nb	10	-	10	2
Leuchars	995.7	-11	S	3	orr	44	92	6	1500	Nb	10	-	10	•
Eskdalemuir	998.4	-8	S'W	6	orr	45	97	5	800	Nb	10	-	10	•
Tynemouth	1001.8	-7	S	4	or_0	43	97	7	1500	Nb	10	-	10	4
Blacksod Point	994.5	-2	SW	6	c	52	85	6	•	StCu	10	-	10	7
Donaghadee	997.8	-3	SW	4	or_0	49	97	7	1500	Nb	10	-	10	3
Birr Castle	999.5	•	SW	4	cr_0	53	92	6	1500	Nb	9	-	9	•
Holyhead	1003.4	-3	SSW	5	odd	48	97	5	450	Nb	10	-	10	5
Liverpool (Bidston)	1003.7	-6	S	4	c/pr_0	48	92	7	2500	St	9	-	9	•
Chester (Sealand)	1004.3	-7	S	5	cr_0	50	85	6	1500	Nb	8	A.St	10	•
Harrogate	1004.0	-6	S	4	orr	44	97	5	2500	Nb	10	-	10	•
Spurn Head	1008.6	-8	S	7	or_0r_0	43	97	6	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	1010.1	-6	SSW	5	orr	46	92	7	1500	Nb	10	-	10	•
Cranwell	1011.8	-5	S	6	orr	44	97	6	800	Nb	10	-	10	•
Gorleston	1016.5	-3	S	5	c	42	92	7	-	-	0	A.St	10	0
Valentia (Cahirciveen)	1003.3	0	SW	5	cd_0	53	92	6	800	St	10	-	10	5
Roches Point	1005.8	-1	SW	3	odd	52	97	6	800	St	10	-	10	4
Pembroke (St. Ann's H.)	1006.3	-3	SW	6	oRR	49	97	3	800	St	10	-	10	6
Ross-on-Wye	1010.1	-4	S	4	or_0r_0	48	92	7	1500	Nb	10	-	10	•
Leafield	1012.2	-5	S	6	orr	43	97	5	1500	Nb	10	-	10	•
Winchester (Worthy Dn.)	1015.0	-5	S'E	5	orr	44	97	6	220	Nb	10	-	10	•
S. Farnborough	1015.6	-4	S	5	orr	44	92	6	1500	Nb	10	-	10	•
London (Kew Obsy.)	1016.1	-4	SSW	4	orr	45	92	6	450	St	10	-	10	•
Croydon	1016.6	-3	SSW	4	crr	44	92	7	800	Nb	7	A.St	10	•
Shoeburyness	1017.5	-4	SW	4	cr_0	45	92	6	1500	St	9	-	9	•
Clacton-on-Sea	1017.4	-3	S	4	c_0	42	92	7	5700	StCu	8	-	8	2
Felixstowe	1017.4	-4	S'E	5	c	42	92	7	1500	StCu	10	-	10	3
Lympne	1018.6	-3	SSW	5	c	43	85	7	1500	St	6	ASt	10	•
Scilly (St. Mary's)	1012.5	0	SW'S	5	cf_0	51	97	3	800	St	10	-	10	7
Falmouth (Pendennis)	1011.8	0	SW'W	6	orr	51	97	6	1500	Nb	10	-	10	4
Plymouth (Cattewater)	1012.9	-2	SW	5	odd	49	97	4	<150	Nb	10	-	10	5
Portland Bill	1014.1	-4	S	6	or_0r_0	47	92	6	1500	Nb	10	-	10	5
Southampton (Calshot)	1016.2	-5	S	6	or_0	46	92	6	800	Nb	10	-	10	3
Dungeness	1018.5	-3	SW	5	c+	46	85	7	-	-	0	A.St	10	4
Guernsey (Fort George)	1019.0	-3	S	6	orr	46	97	5	800	Nb	10	-	10	6

London Observations

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.	Humidity 15h. G.M.T. % Yesterday.	9h. G.M.T. % To-day.	Visibility 9h.
Kew } 24 hours ended 7h.	18	ofxcu	cmcr	orrdd	46	45	43	1	5	0.0	•	•	5
Croydon } 24 hours ended 7h.	244	bcz	crr	orrrdd	45	44	43	1	7	0.7	•	•	3
Greenwich (Royal Obsy.)	149	bwc	cbcr	crdcd	46	45	42	0.3	6	0.0	80	94	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	48	46	(44)	7		0.0	75	83	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	xcfc	cor	•	45	45	43	1	6	•	•	95	•
Kensington Palace	80	o	odr	•	47	46	*	1	6	•	(At 18h 84)	93	•
Hampstead Observatory	450	•	•	•	50	(41)	(36)	5	3	0.0	•	97	•

Atmospheric Pollution.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
-	-	-	-

Kew Observatory Max.	Time.	Min.	Time.
0.6	10h23d	<0.3	24h23d

Pole Star Record at Greenwich Obsy.

Exposure from 23rd 17 h. 45 m. to 24th 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 45	0.0	Nil
δ Ursae Minoris	12 45	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.

24-25th Jan., 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.51 7.50	12.5 12.5	16.20 16.21
Greenwich	7.53 7.52	12.12 12.12	16.31 16.33
Wick	8.40 8.38	12.24 12.25	16.10 16.12
Valentia	8.36 8.35	12.53 12.53	17.10 17.12

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.

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.	

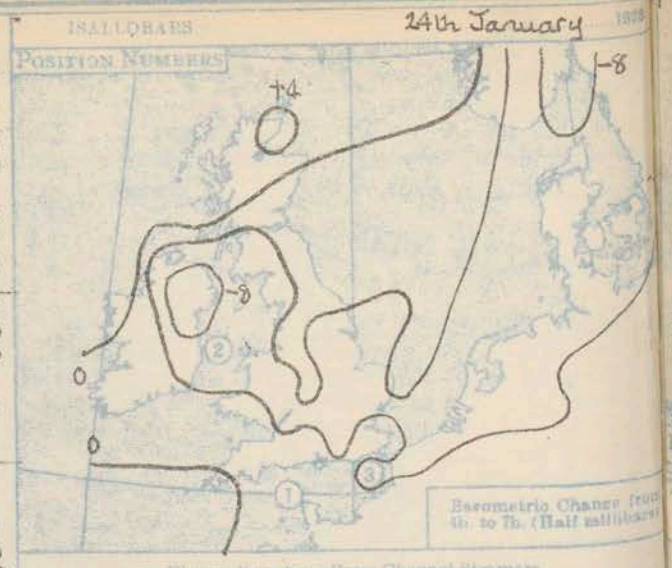
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-18h. 23rd	Weather. 18h.-18h. 23rd	Weather. 18h. 23rd to 18h. 24th	Weather. 18h.-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 23rd Hours.
Lerwick	orr	orr	orrc	oirRq	44	39	.	7	11.00	12	<21.00	0.0
Stornoway	r-d	r-d	bbc	b	45	40	.	9	*	2	*	0.0
Wick	crr	rrr	cirbc	bbrbc	43	39		10	<8.00	—	<21.00	.
Tiree	rrr	rrr	oq bc	cor	46	37	35	14	<8.00	3	<21.00	0.0
Nairn	bcdc	crro	crq bc	bc	46	41		4	12.30	0.4	<21.00	0.0
Aberdeen	ccrrm	rrm	orr cbcb	bq bcb	43	41	35	3	11.00	0.6	<21.00	0.0
Malin Head	crmm	crrmm	bcbb	bbcc RS	51	35		1	<8.00	3	4.30	0.0
Renfrew	orrd	orrm	odrcq	bcq c	48	40	38	14	<8.00	—	<21.00	0.0
Edinburgh (Inchkeith)	b	rrr	cbcb	bbc	49	41	38	3	9.00	—	<21.00	0.0
Leuchars	bcchir	rr	orc	cbc	44	40	36	5	9.00	—	<21.00	0.0
Eskdalemuir	corrm	orrm	orrmqfe	orm bcc	45	34	30	27	9.00	11	<21.00	0.0
Tynemouth	beoir	orrm	oir	bcoir	43	43	39	6	11.00	1	<21.00	.
Blacksod Point ...	dd	dqqu	b	bTLc	53	35	.	1	*	2	*	.
Donaghadee	orrz	rr ir	irbc	bbcc	49	40		2	<8.00	—	<21.00	.
Birr Castle	oir	ocir	eir	eirq	53	40	32	8	<8.00	—	<21.00	0.0
Holyhead	rr	rrr	dqr	RRc	48	45	43	8	9.00	1	<21.00	0.0
Liverpool (Bidston) ...	obr	orr	crb	orr	48	43	42	8	9.00	8	<21.00	0.0
Chester (Sealand) ...	irm	crrm	crm	rr	50	44	41	4	9.00			
Harrogate	comfgr	oforr	orr	ocrr	44	41	40	5	12.30	10	<21.00	0.0
Spurn Head	bbc	r-d	orr	orr	43	42		0.2	16.30	1	<21.00	2.9
Birmingham (Edgbaston)	c	orrr	orrc	corr	46	45	44	4	12.30	5	<21.00	0.0
Cranwell	c	rorr	odd	crr	44	43	42	1	15.30	4	<21.00	0.2
Gorleston	bc	bccq	corrq	orrq	46	41	41	-	-	5	<21.00	4.1
Valentia (Cahirciveen)	oor	ocrd	dbc	copq	54	43	41	6	9.00	8	<21.00	0.0
Roches Point	crm	odd	odorr	bc	53	47	.	3	<8.00	3	<21.00	.
Pembroke (St. Ann's H.)	crm	ffrr	oddff	orff	50	46		3/12	11.00	5	<21.00	0.0
Ross-on-Wye	codr	rorr	rqdd	orq	48	47	46	2	11.00	1	<21.00	0.0
Leafield	fbcc	corrq	orr	ror	44	43	43	2	12.30	5	<21.00	0.0
Winchester (Worthy Dn.)	cffmr	orrrm	orrm	orrmq	45	44	42	4	12.30	8	<21.00	0.0
S Farnborough ...	bfxcm	crrm	orrrc	orr	46	44	43	2	14.30	5	<21.00	0.0
London (Kew Obsy.) ...	ofxcm	crm	orrc	cqd	46	43	43	1	15.30	7	<21.00	0.7
Croydon	bxcz	crrr	orrrq	orrq	45	44	43	1	15.30			
Shoeburyness	bc	bccr	bcorq	orrcq	45	43	42	Trace	17.30	5	<21.00	3.2
Clacton-on-Sea ...	bcz	bczc	corr	orrc	45	42	40	-	-	5	<21.00	3.4
Felixstowe	bbcc	crmc	crr	crro	43	42	40	-	-	5	<21.00	3.5
Lympne	bxbcm	c	orrm	orrmq	44	42	41	-	-	5	<21.00	3.3
Scilly (St. Mary's) ...	omrr	oifir	oifir	oifir	51	51	.	9	<8.00	2	<21.00	0.0
Falmouth (Pendennis)	cormq	ormq	porm	pormq	51	51	.	8	<8.00	3	<21.00	0.0
Plymouth (Cattewater)	crormq	orrqd	orrqd	omqddr	50	49	49	11	9.00	3	<21.00	0.0
Portland Bill	coid	orrz	orrqddq	oddwq	48	46	.	3	12.30	2	<21.00	.
Southampton (Calshot)	bxcm	orrm	orrrm	orrcm	46	45	44	2	13.30	4	<21.00	0.0
Dungeness	bcc	cco	qorr	qmrrc	47	37	.	-	-	4	<21.00	
Guernsey	bcorr	crrmq	rddfq	oidqr	46	46	.	5	11.00	2	<21.00	0.0

24th January



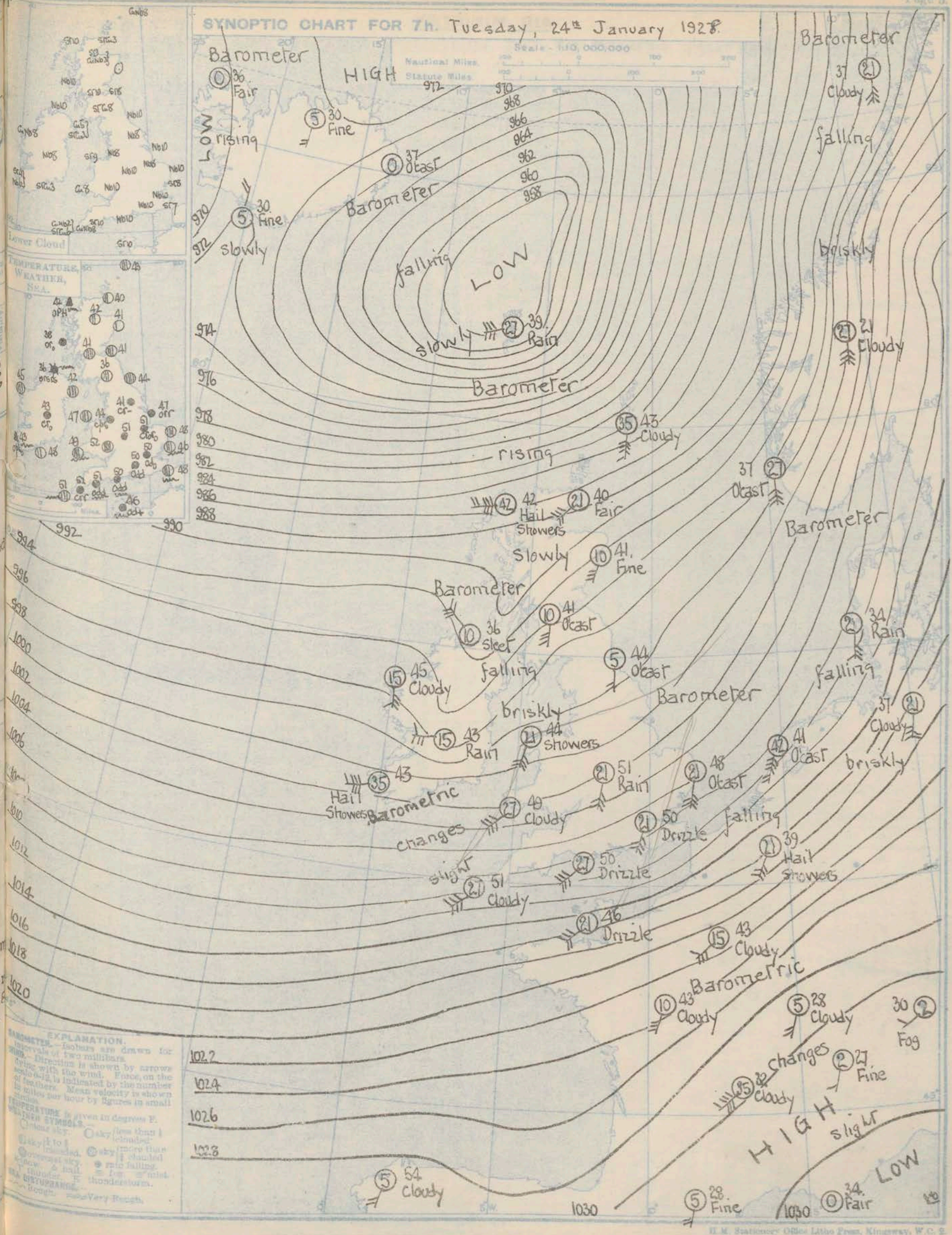
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	23rd 10h	Scotia	SSW	5	dd	49	47	0
3	24th 2h	Arundel	SW	6	o/r	48	48	6

GENERAL INFERENCE.

A very deep depression centred just to the north of the Faeroes, together with a secondary trough extending southwards over Ireland, will move eastwards. Another depression is approaching Iceland from Greenland. Stormy and unsettled weather will continue but there will be considerable fair intervals in most places. Temperature will become lower than of late and thunderstorms occur locally, particularly in the West and North.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 24th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E Midlands	S.W. winds, veering W., moderate to strong, stronger at times locally at first; squally; occasional rain then some bright intervals but rain or hail showers; cooler.	Unsettled but considerable bright intervals in most places; cooler than of late.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Westerly winds, moderate to strong, reaching a gale locally at first; bright intervals but occasional thundery squalls with rain or hail; cooler.	
9. N. Midlands 10. N.E. England	As 1 - 3.	South Cone hoisted at 8h. 35m G.M.T. today in districts 1, 2 and 10; still flying other districts.
11. S.E. Scotland 12. S.W. Scotland, Isle of Man	Westerly winds, strong to gale at times in exposed places; local thundery squalls with rain or hail but some bright intervals; cooler than of late.	
13. (A) N.W. Scotland (B) N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Westerly winds, strong to a gale at times at first; bright intervals but occasional rain or hail and perhaps local thunder; snow on hills; cooler with frost locally at night.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 11 - 12.	



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday 24th January 1928. No. 24

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	979.3	-9	SE	5	cp	45	97	7	4000	CuNb	5	Ast	9
Stornoway	30	983.0	+2	SW	5	bc	44	75	7	•	•	•	•	3
Wick	81	984.6	+1	SW	5	bc	•	•	8	1500	St	4	-	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	85	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	995.6	+2	SW	6	b	45	92	8	-	-	0	-	0
Renfrew	86	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	180	994.9	+4	WSW	5	b	45	75	8	-	-	0	-	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	993.2	+1	W	4	bc/r	50	85	8	2500	CuNb	4	-	4
Blacksod Point	18	996.3	-1	W	4	b	50	85	7	•	-	0	-	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1003.1	0	SW	4	o/r	48	97	7	800	St	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1003.8	0	SWS	5	o/c	46	97	6	1500	Nb	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	1500	St	10	-	10
Cranwell	236	1006.2	-2	SSW	5	o	49	97	6	1500	Nb	10	-	10
Gorleston	14	1008.8	-8	SW	6	o/c	43	97	6	•	•	•	•	•
Valentia (Cahirciveen)¶	90	1004.0	-4	S	3	oh	48	92	7	•	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	156	1005.2	-1	SW	6	o/c	49	97	2	800	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	47	•	•	•	•	•	•	•
Croydon	344	1011.4	-4	SSW	5	o/c	47	97	6	600	Nb	10	-	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	362	1018.8	-5	S	7	o/c	44	97	5	800	St	10	-	10
Scilly (St. Mary's)	163	1010.5	-3	SWS	6	odd	51	97	4	1500	St	10	-	10
Falmouth (Pendennis)	200	1010.8	-2	SW	6	o/r	51	97	6	1500	Nb	10	-	10
Plymouth (Cattewater)	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	82	1010.6	-2	SSW	6	odd	50	97	5	1500	Nb	10	-	10
Southampton (Calshot)	10	1011.9	-2	SW	6	o/c	48	97	6	800	Nb	10	-	10
Dungeness	30	1013.3	-2	SW	7	o/c	46	97	6	800	Nb	10	-	10
Guernsey (Fort George) ¶	203	1015.0	-3	SW	7	odo	50	97	4	1500	Nb	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	Sea. 0-9
Lerwick	980.7	0	S	7	cp	43	85	7	4000	CuNb	8	-	8	7
Stornoway	984.7	+5	WSW	8	bc	42	75	8	1500	St	10	-	10	3
Wick	987.2	+4	SW	6	bc	40	85	8	800	St	10	-	10	2
Tiree	990.7	0	WS	4	bc	38	97	6	1500	St	10	-	10	0
Nairn	993.5	•	W	3	b	42	75	6	-	-	0	Acu	2	
Aberdeen	993.2	-1	SSW	3	b	41	85	6	•	•	•	•	•	•
Malin Head	993.9	-4	NW	5	o/ss	36	97	5	2500	Nb	10	-	10	6
Renfrew	993.6	-4	S	3	bc	41	97	8	4000	St	10	Acu	9	-
Edinburgh (Inchkeith)	993.5	-3	WSW	5	bc	41	97	7	800	Acu	8	Acu	8	
Leuchars	993.5	-2	SW	5	bc	42	75	7	2500	St	8	-	8	
Eskdalemuir	993.2	-4	SSW	2	bc	36	97	6	1500	St	10	-	10	2
Tynemouth	993.9	-3	S	2	o/c	44	85	6	1500	Nb	10	-	10	
Blacksod Point	994.9	0	S	4	c	45	65	7	•	CuNb	8	-	8	4
Donaghadee	995.3	-7	WSW	2	bc	42	85	8	4000	St	8	-	8	3
Birr Castle	995.8	•	W	4	bc	43	97	7	1500	St	8	-	8	
Holyhead	996.1	-5	SSW	6	o/c	47	97	7	800	St	9	-	9	
Liverpool (Bidston)	996.6	-3	SSE	2	o/r	44	97	6	2500	St	10	-	10	
Chester (Sealand)	996.2	-5	SE	2	o/r	45	97	6	1500	Nb	10	-	10	
Harrogate	999.4	-4	SSW	2	c	41	97	6	2500	Nb	8	Ast	10	
Spurn Head	999.6	-5	SSW	5	o/c	47	97	6	4000	Nb	10	-	10	5
Birmingham (Edgbaston)	1001.4	-3	SSW	4	o/c	51	97	7	800	Nb	10	Ast	10	
Cranwell	1001.7	-4	SSW	5	o/c	48	97	7	800	Nb	10	-	10	
Gorleston	1004.7	-3	SW	5	o	48	97	7	1500	Nb	10	-	10	4
Valentia (Cahirciveen)¶	999.9	0	WSW	7	oh	43	85	7	1500	Nb	10	-	10	6
Roches Point	1001.5	-2	W	5	bc	46	85	8	1500	St	10	-	10	5
Pembroke (St. Ann's H.)	1001.6	-1	SW	4	o/c	49	97	7	1500	Nb	10	-	10	5
Ross-on-Wye	1002.8	-4	SW	3	o/c	50	97	7	1500	Nb	10	-	10	
Leafield	1003.7	-5	SSW	6	o/r	50	97	7	1500	Nb	10	-	10	
Winchester (Worthy Dn.)	1007.7	-3	SW	6	o/c	50	97	6	450	Nb	9	-	9	0
S. Farnborough	1007.2	-4	S	6	od	50	97	7	450	Nb	10	-	10	0
London (Kew Obsy.)	1006.7	-5	SSW	5	o/c	50	97	7	800	Nb	10	-	10	0
Croydon	1006.1	-3	SW	5	o/c	50	97	6	800	Nb	10	-	10	
Shoeburyness	1008.5	-3	SW	6	c	48	97	7	1500	St	10	-	10	8
Clacton-on-Sea	1007.3	-3	SSW	4	c	46	97	7	4000	St	8	-	8	8
Felixstowe	1007.1	-4	SW	6	o	48	97	7	1500	St	10	-	10	8
Lympne	1005.7	-3	SSW	7	odf	47	97	3	1500	St	10	-	10	8
Scilly (St. Mary's)	1009.4	0	SWW	6	c	51	97	7	4000	St	8	-	8	7
Falmouth (Pendennis)	1007.3	0	WSW	6	o/r	52	97	7	2500	St	10	-	10	6
Plymouth (Cattewater)	1007.8	-1	SW	6	od	51	97	7	220	St	10	-	10	7
Portland Bill	1008.8	-2	SW	6	od	50	97	7	1500	St	10	-	10	7
Southampton (Calshot)	1009.0	-2	SW	6	o/c	48	97	6	800	St	10	Ast	10	6
Dungeness	1009.8	-2	SW	6	o/c	48	97	7	1000	St	10	-	10	6
Guernsey (Fort George) ¶	1013.7	-4	SW	6	od	50	97	7	800	St	10	-	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 23rd January

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 22nd to 9h. 23rd	Temperature. Max. 9h.-17h. 23rd	Rainfall.† Night 17h.-9h. 22-23rd	Rainfall.† Day 9h.-17h. 23rd	Sunshine. Sunrise to Sunset. 23rd
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	cr	r.r.s	34	43	-	4	0.0
Douglas (I. o. M.)	orR	sq/F	38	48	0.5	9	0.0
Llandudno	o	od.op	40	53	-	0.1	0.0
Colwyn Bay	bbcc	crr or	38	51	-	3	0.0
Rhyl	cero	ero	35	51	-	2	0.0
Wallasey	o	orr	38	46	-	8	0.0
Southport	or	orr	*37	45	-	5	0.0
Blackpool	o	or	38	44	-	4	0.0
Ilkley	cor	or	36	46	-	3	0.0
Cleethorpes	bo	odo	32	43	-	0.1	1.8
Skegness	bbcc	co	34	42	Trace	-	2.4
Aberystwyth	cr	rr	41	52	1	5	0.0
Bath	c	cr	32	48	Trace	2	0.0
Cheltenham	cod	orq	33	47	Trace	1	0.0
Leamington Spa	c	or	32	46	-	1	0.0
Lowestoft	b	bbcc	35	45	1	-	4.9
Felixstowe	bc	c	35	44	Trace	-	3.4
Harwich & Dovercourt	bmbcc	oc	36	44	Trace	-	3.5
Southend	mbbc	oc	34	45	-	-	2.3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	rr	rr	41	51	0.3	12	0.0
Bude	rldd	dd	44	52	0.4	7	0.0
Penzance	orr	orrdf	39	52	5	9	0.0
Paignton	o orr	orq	33	50	-	4	0.0
Torquay	o orq	orq	36	49	-	3	0.0
Jersey	cr	cr	38	47	-	2	0.0
Weymouth	c.cr	rr	32	48	0.1	5	0.0
Bournemouth	or	or	33	47	-	3	0.0
Ventnor	xbr	r	38	46	Trace	1	0.8
Portsmouth (S'thsea)	bfco	or	33	47	-	0.6	0.2
Bognor	bcc	c.crr	33	46	-	1	0.8
Littlehampton	bcmc	ocr	34	46	-	0.4	1.0
Worthing	bcc	cor	33	46	-	1	0.4
Brighton	bmbcc	cor	36	46	-	0.1	1.0
Eastbourne‖	bcco	or	36	47	-	Trace	2.2
Hastings‖	bbcb	bbcco	34	47	0.1	-	3.0
Folkestone	bcx	coc	35	46	-	-	3.6
Dover	fbcc	c	38	46	-	-	3.7
Tunbridge Wells	bbco	o.or	31	46	-	0.1	2.2
Ramsgate	bmbc	bc	37	47	-	-	3.6
Margate	bc	bc	38	48	Trace	-	3.7
Deal	b	bco	37	46	0.3	-	3.8

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. ‡ 12h.-9h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24170 Wednesday 25th January 1928.

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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	983.2	+2	SW	3	bc	41	97	8	4000	Cu	5	-	5	•
Stornoway	985.8	0	WSW	5	c/PH	42	85	6	4000	CuNb	8	-	8	•
Wick	987.0	-1	SW	3	c	38	97	8	2500	StCu	6	CiSt	8	•
Tiree	990.8	0	W	5	c	44	65	8	2500	CuNb	5	CiCu	8	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	988.5	-5	S	2	c/rs	37	92	5	2500	Nb	9	ASt	10	2
Malin Head 34	994.3	+3	WSW	3	oss	~~43~~	97	5	2500	Nb	10	-	10	•
Renfrew	993.3	+9	W	5	c	41	85	8	4000	StCu	5	Ci	9	2
Edinburgh (Inchkeith)	991.1	0	WSW	5	bc-	39	85	8	4000	Cu	2	ACu	5	•
Leuchars	989.4	0	W	4	c/rs	37	92	8	2500	StCu	8	-	8	2
Eskdalemuir	993.2	+4	W	5	bc	39	85	7	2500	Cu	7	-	7	2
Tynemouth	992.5	-1	W	7	bc/r	48	75	6	1500	Cu	3	-	3	•
Blacksod Point	998.8	+3	NW	5	c	40	85	7	-	-	0	ASt	10	•
Donaghadee	996.2	+1	WSW	3	bcjp	41	75	8	2500	Nb	7	-	7	•
Birr Castle	1000.6	•	W	5	c/ps	44	65	7	2500	CuNb	8	-	8	•
Holyhead	1000.7	+5	W'S	7	c/pr	45	75	7	1500	Nb	4	ASt	8	2
Liverpool (Bidston)	998.8	+1	W'S	7	c+	44	85	7	1500	CuNb	10	-	10	•
Chester (Sealand)	1000.1	+3	WSW	6	c/PR	45	75	8	2500	CuNb	9	-	9	2
Harrogate	996.9	-2	SW	6	cR-	44	85	7	2500	CuNb	9	-	9	•
Spurn Head	997.3	-3	WSW	7	bc-	49	75	7	4000	CuNb	3	ACu	5	•
Birmingham (Edgbaston)	1002.8	0	WSW	6	bcjp	46	75	8	2500	Nb	3	ACu	4	2
Cranwell	1001.1	0	SW'S	6	c	48	75	8	800	Nb	7	A.Cu	8	2
Gorleston	1002.6	-2	SWW	5	c-	52	85	6	2500	Nb	4	ACu	10	•
Valentia (Cahirciveen)	1009.2	+9	W	7	bc	43	65	8	2500	Nb	6	-	6	2
Roches Point	1008.8	+6	W	4	~~cdd~~	42	85	8	1500	Nb	8	-	8	•
Pembroke (St. Ann's H.)	1005.6	+4	NW'W	8	bc	47	75	7	1500	Cu	4	A.Cu	5	•
Ross-on-Wye	1005.2	+2	W'S	6	bc	49	55	8	4000	Cu	3	CiCu	4	2
Leafield	10159	+1	~~SWW~~ WSW	6	c/pr	45	75	8	4000	StCu	5	A.Cu	8	2
Winchester (Worthy Dn.)	1007.8	+1	SW'W	5	c	51	65	8	2500	StCu	9	-	9	2
S. Farnborough	1007.4	+1	WSW	~~4~~ 5	c-	51	75	7	2500	StCu	8	ACu	9	2
London (Kew Obsy.)	1006.5	0	SW	5	c/r	52	85	7	800	Nb	9	-	9	2
Croydon	1006.9	-1	SW'W	5	c-	52	75	7	1500	StCu	9	-	9	2
Shoeburyness	1006.3	-3	SW	6	c-	52	85	8	1500	StCu	7	A.St	9	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1005.6	-2	SSW	5	c/d	48	92	7	1500	StCu	10	-	10	2
Lympne	1008.2	-2	SSW	7	c/d	49	97	7	450	St	10	-	10	2
Scilly (St. Mary's)	1012.3	+3	W	8	bc/pr	47	75	7	4000	CuNb	7	-	7	•
Falmouth (Pendennis)	1012.4	+4	WNW	5	bc/pr	47	75	8	4000	CuNb	7	-	7	•
Plymouth (Cattewater)	1011.9	+5	W	6	c	47	65	8	2500	Nb	8	ASt	9	2
Portland Bill	1008.0	+2	WSW	6	c-	49	75	6	2500	StCu	8	A.Cu	9	•
Southampton (Calshot)	1003.2	+1	WSW	6	c	50	85	7	2500	Cu	1	A.Cu	9	2
Dungeness	1008.7	-3	SW	7	cR	49	97	7	800	Nb	7	ASt	10	•
Guernsey (Fort George)	1014.3	+2	WSW	6	c-	50	85	7	1500	St	4	A.Cu	8	•

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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	983.0	0	SW	3	bcjp	40	92	8	4000	CuNb	5	-	5	•
Stornoway	990.8	+7	WSW	4	c/PH	35	97	6	4000	CuNb	10	-	10	3
Wick	988.7	+3	WSW	2	bc	35	92	8	1500	CuNb	4	CiSt	6	0
Tiree	995.1	+3	W	6	ch(r)	39	92	8	1500	Nb	9	-	9	5
Nairn	991.8	•	W	3	c/r	35	85	8	4000	CuNb	8	-	8	•
Aberdeen	992.0	+4	SW	3	c	39	75	8	4000	StCu	6	A.Cu	8	0
Malin Head	1000.4	+7	WNW	6	ch(R)	36	97	7	4000	CuNb	9	-	9	6
Renfrew	997.7	+7	WNW	2	c/s	35	92	6	800	Nb	9	-	9	•
Edinburgh (Inchkeith)	995.2	+5	WSW	2	crsrs	35	97	8	1500	~~St~~ Nb	9	-	9	1
Leuchars	994.2	+5	SW	4	c	37	85	8	2500	St	9	-	9	•
Eskdalemuir	997.6	+4	WSW	5	oss	34	92	4	450	Nb	10	-	10	•
Tynemouth	996.8	+2	S	2	c+	39	85	6	1500	Nb	8	-	8	2
Blacksod Point	1006.4	+7	NW	7	c/h	40	65	6	•	CuNb	8	-	8	8
Donaghadee	1002.6	+10	W	3	bc-	38	85	8	2500	StCu	5	-	5	3
Birr Castle	1008.2	•	W	4	c/prs	39	75	7	1500	CuNb	8	-	8	•
Holyhead	1006.5	+11	~~SW~~ W	7	c+	40	75	7	1500	StCu	9	-	9	7
Liverpool (Bidston)	1003.0	+5	W'S	8	c	41	75	7	1500	Nb	9	-	9	•
Chester (Sealand)	1005.2	+7	WSW	5	bc-	42	65	6	2500	CuNb	2	Ci	3	•
Harrogate	1001.2	+5	SW	6	oRSRS	35	97	6	2500	Nb	10	-	10	•
Spurn Head	1001.3	+6	WSW	6	b-	42	75	7	4000	Nb	1	-	1	4
Birmingham (Edgbaston)	1009.4	+6	WSW	5	b/ps	38	85	8	2500	Cu	2	-	2	•
Cranwell	1005.4	+6	SW	6	bc+	40	75	7	1500	St	5	-	5	•
Gorleston	1006.4	+4	WSW	4	b-	47	92	7	5700	Cu	2	-	2	1
Valentia (Cahirciveen)	1015.5	+8	W	7	c/pr	43	65	8	2500	Nb	8	-	8	7
Roches Point	1015.0	+8	W'N	4	c	39	92	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1012.2	+8	NW'W	9	bcR	42	75	7	1500	Cu	4	-	4	7
Ross-on-Wye	1011.7	+8	WS	4	b/r	40	65	8	4000	CuNb	1	A.St	2	•
Leafield	1011.6	+7	WSW	5	bc/ps	39	75	7	4000	StCu	3	-	3	•
Winchester (Worthy Dn.)	1014.3	+8	WSW	4	b-	41	75	8	1500	StCu	2	-	2	•
S. Farnborough	1013.3	+9	WSW	5	bc	40	75	8	2500	CuNb	3	-	3	•
London (Kew Obsy.)	1012.7	+9	WSW	5	b-	44	65	7	800	St	1	-	1	•
Croydon	1012.8	+8	W'S	5	b-	43	75	7	1500	CuNb	1	-	1	•
Shoeburyness	1011.7	+7	WSW	4	bc-	43	75	7	-	-	0	A.St	3	•
Clacton-on-Sea	1009.8	+6	WSW	5	bc	43	75	7	4000	StCu	5	-	5	3
Felixstowe	1010.3	+8	SW	5	b-	44	65	7	-	-	0	A.Cu	1	6
Lympne	1012.7	+6	WSW	4	c/r	44	85	7	2500	StCu	8	-	8	•
Scilly (St. Mary's)	1019.3	+7	W	7	bc	43	85	7	4000	CuNb	5	-	5	7
Falmouth (Pendennis)	1018.6	+8	WNW	6	bc/PR	43	65	8	4000	CuNb	6	-	6	2
Plymouth (Cattewater)	1017.9	+6	W	6	b-	44	65	8	2500	CuNb	2	-	2	5
Portland Bill	1015.4	+10	W	7	bc	43	75	8	2500	CuNb	1	A.Cu	3	7
Southampton (Calshot)	1015.1	+9	W	5	b-	42	65	8	4000	StCu	2	-	2	3
Dungeness	1011.7	+4	W	7	bc-	46	75	8	1500	Cu	2	CiSt	3	7
Guernsey (Fort George)	1020.9	+8	W'N	7	b	45	65	8	2500	Cu	1	ACu	2	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 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	erPR	ePRq	bqb	53	36	33	4	-	0.0	•	•	5
Croydon (24 hours ended 7h.)	244	orpdc	crpdb	b	53	37	34	2	-	0.0	•	•	6
Greenwich (Royal Obsy.)	149	cdr	ephqgb	bx	54	37	31	3	-	0.0	71	83	5
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	~~43~~ 53	39	31	4		0.0	69	80	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	orcor	corb	•	51	38	32	5	-	•	•	88	•
Kensington Palace	80	or	or	•	53	38	-	6	-	•	(At 18h) 82	81	•
Hampstead Observatory	450			•	51	34	25	7	-	0.0	•	90	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 25th

South Kensington Max.	Time.	Min.	Time.
0.5	17h.24	<0.3	11h.25

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

Pole Star Record at Greenwich Obsy.

Exposure from 24th 17 h. 45 m. to 25th 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.45	12.39	99
δ Ursae Minoris	12.45	12.39	99

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 January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.50 7.49	12.5 12.6	16.21 16.23
Greenwich	7.52 7.51	12.12 12.12	16.33 16.35
Wick	8.38 8.36	12.25 12.25	16.12 16.14
Valentia	8.35 8.34	12.53 12.53	17.12 17.14

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, 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.

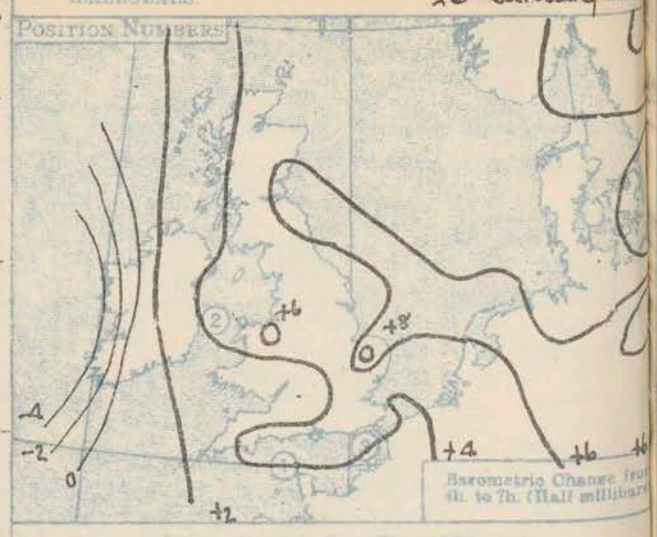
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 24th	13h.-18h. 24th	18h.-1h. 24th/25th	1h.-7h. 25th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 24th Hours.
Lerwick	bihrcbc	bcphr	ciprbc	cipr	44	38	·	4	<8.00	3	22.00	0.0
Stornoway	cpkqR	b	slrs	bcphrl	43	34	·	4	*	3	*	1.3
Wick	c	bbc	PSL	pbsc	41	33	·	–	–	2	<21.00	·
Tiree	rbcc	cqprh	Hrlr	prhbc	44	34	32	2	<8.00	2	<21.00	0.2
Nairn	bcPRS	bcpre	cbcsp	bc	42	33	·	6	<8.00	–	22.00	1.1
Aberdeen	bcqrs	cbcc	cbcb	b	41	35	30	2	11.00	–	–	0.8
Malin Head ... 3q ...	qRSci	ossCHR	CHRTbw	bcpr	~~(34)~~	33	·	10	<8.00	3	<21.00	0.0
Renfrew	oRRHcb	crosrc	cwrtlcr	bccpsbc	43	33	31	7	<8.00	5	<21.00	2.2
Edinburgh (Inchkeith)	cbc	cprs	qcbcb	prsbq	48	34	33	1	9.00	0.2	<21.00	2.4
Leuchars	bcorRS	cbrcc	cxbx	bx	42	33	29	6	11.00	–	–	1.5
Eskdalemuir	cprbhbc	bossm	ossmb	ossmb	43	31	32	7	<8.00	11	<21.00	1.2
Tynemouth	ocirbq	bcq	coirbq	bbcq	45	36	32	0.1	11.00	0.4	<21.00	·
Blacksod Point ...	bhqo	hqhqc	Hb	rqbco	(47)	36	·	1	*	1	*	·
Donaghadee	irbc	prbc	prbq	bbc	46	34	·	0.4	<8.00	0.2	<21.00	·
Birr Castle	cprq	cprs	cprs	c	46	33	26	1	<8.00	1	<21.00	2.2
Holyhead	prq	prhbcq	cbbcq	bcq	48	40	38	0.1	9.00	–	–	1.7
Liverpool (Bidston) ...	dirhq	cpbc	cphQ	cpc	49	35	32	4	<8.00	1	<21.00	2.6
Chester (Sealand) ...	cprq	cprqc	~~[illegible]~~	b	53	38	30	1	<8.00	Trace	<21.00	3.2
cprq, bcb												
Harrogate	cbcP	coqPRS	ocPRSb	ocPRSb	48	34	32	2	<8.00	5	<21.00	0.5
Spurn Head	orrc	bccqpr	bcq	bc	51	37	·	3	<8.00	–	–	1.4
Birmingham (Edgbaston)	cq	bprq	bpr	bbc	51	35	32	1	<8.00	Trace	22.00	2.4
Cranwell	circ	bbc	bbc	bbc	53	35	33	1	<8.00	–	–	2.0
Gorleston	orroq	cqbcq	bq	bq	56	37	33	0.1	<8.00	–	–	0.0
Valentia (Cahirciveen)	oiruh	bcph	coph	cop	46	39	36	2	<8.00	2	<21.00	2.1
Roches Point	bccirq	cqprhc	cpbc	bcc	49	37	·	2	11.00	0.1	22.00	·
Pembroke (St. Ann's H.)	cPbc	bcPHS	bci	bci	50	41	·	1	<8.00	–	–	4.2
Ross-on-Wye	dqrbcq	cqbcpq	bq	b	52	38	33	2	<8.00	–	–	2.0
Leafield	orcpr	pbc	PRbcb	b	50	34	30	1	<8.00	0.3	<21.00	1.1
Winchester (Worthy Dn.)	orr	cprqh	obcpqb	b	52	36	33	2	<8.00	0.3	<21.00	0.1
S Farnborough ...	odcpR	prqbc	bcprb	bbcb	52	35	32	2	<8.00	0.2	<21.00	0.1
London (Kew Obsy.) ...	crPR	cPRq	bq	b	53	38	33	4	<8.00	–	–	0.0
Croydon	orrdc	cprqb	b	b	53	37	34	2	<8.00	–	–	0.0
Shoeburyness	oqcq	cqrh	bc	bc	53	38	35	1	16.30	–	–	0.0
Clacton-on-Sea ...	cbdc	cqrbc	bqbc	bc	50	38	33	0.2	12.30	–	–	0.0
Felixstowe	crd	cbprb	bq	bq	51	38	35	Trace	<8.00	–	–	0.0
Lympne	odd	cCr	cbcrb	b	49	36	33	2	<8.00	0.5	<21.00	0.0
Scilly (St. Mary's) ...	cbcb	bcPq	bcPb	bcPRH	51	41	·	1	9.00	2	<21.00	4.2
Falmouth (Pendennis)	cbrq	bcprq	bcprbq	bbcbr	53	41	·	1	<8.00	2	<21.00	3.2
Plymouth (Cattewater)	odcrq	cqbrh	bqcprh	bcPRb	52	40	36	1	<8.00	3	22.00	0.0
Portland Bill	oddcq	cqbbq	bqpob	bcb	50	43	·	1	<8.00	Trace	–	·
Southampton (Calshot)	oddrcq	cqPHR	b	b	51	39	37	2	<8.00	–	–	0.5
Dungeness	oqrrq	cqbcq	bcbq	bbc	49	41	·	1	<8.00	–	–	·
Guernsey	rrfocq	cRcbq	b	bbcbrb	52	42	·	2	<8.00	1	–	0.1

ISALLOBARS.

25th January 1928

POSITION NUMBERS



Observations from Cross Channel Steamers.

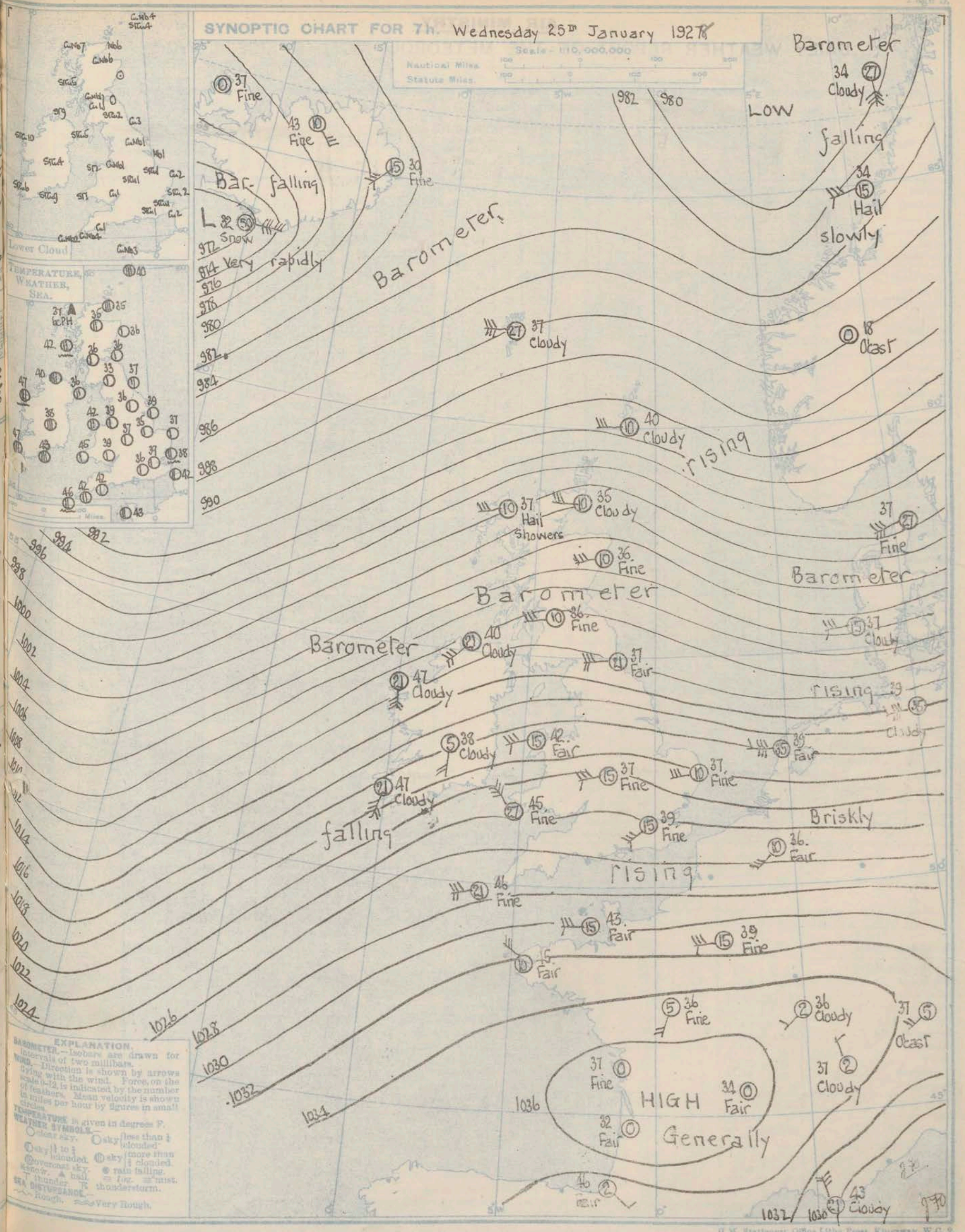
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	24th 10h	Scotia	NNW	5	bcfr	47	47
1	24th 12h	Reindeer	W	8	OD	52	50
3	25th 2h	Dieppe	W	8	bcH	45	48

GENERAL INFERENCE.

A ridge of high pressure, moving eastwards across the British Isles, will be followed by a trough of low pressure from the Atlantic. A brief interval of mainly fine weather will occur generally but unsettled conditions will soon move in over Ireland and gradually spread eastwards. Some snow will occur on the high ground in Scotland.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 25th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Westerly winds, moderate to fresh, backing and freshening; mainly fine to-day, becoming cloudy, some rain later; moderate temperature.	Continuing unsettled but with bright periods.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Westerly winds, moderate to strong, backing and freshening to gale force at times locally; fine then cloudy with occasional rain; local mist; moderate temperature to rather mild.	
9. N. Midlands 10. N.E. England	As 1 - 4.	
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	Moderate to strong westerly winds, backing and freshening; occasional wintry showers but bright periods at first, rainy later; some snow on hills; rather low to moderate temperature.	South Cone still flying all coasts.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	South to southwest winds, veering, moderate to strong, a gale at times locally; cloudy with rain at times then bright periods; moderate temperature.	

Wt. 16[illegible] 1928 (3840) 1/28 ‡ For code see page 1 † Trace = rain has fallen, but amount less than 0·1 mm.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION...Wednesday, 25th January.....1928. No. 25th

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	990.1	+3	W	3	bejp	42	85	8	4000	CuNb	6	-	6
Stornoway	30	999.6	+6	W	5	ors15	•	•	5	•	•	•	•	10
Wick	81	997.0	+7	W	3	bc	34	97	8	1500	CuNb	3	-	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1006.9	-6	W	7	bejp	39	92	7	4000	CuNb	4	-	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1003.1	+9	W	4	b	36	85	8	-	-	0	-	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1005.9	+7	W	6	b-	37	85	8	~~500~~ 1500	Cu	2	-	2
Blacksod Point ...	18	1013.0	+5	W	6	b	39	65	7	•	-	0	-	0
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1014.5	+7	WSW	6	bc	41	75	7	2500	St	3	-	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	39	1010.1	+5	W	7	bc	38	85	7	4000	Nb	3	-	3
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1014.1	+7	SW'W	5	b	36	85	7	-	-	0	-	0
Gorleston	14	1014.5	+6	W'S	5	b	38	75	8	-	-	0	-	0
Valentia (Cahirciveen)P	30	1019.5	+5	WSW	5	o/PR	44	97	8	-	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1018.5	+4	NW'W	9	bc	45	75	8	1500	Cu	4	-	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	39	•	•	•	•	•	•	•
Croydon	244	1020.4	+4	WSW	5	b	38	75	7	-	-	0	-	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1020.4	+6	WSW	5	b	37	85	7	-	-	0	-	0
Scilly (St. Mary's) ...	163	1023.8	+2	W	7	b	46	75	8	4000	CuNb	2	-	2
Falmouth (Pendennis)	200	1024.1	+2	W	5	b	43	75	8	4000	Cu	2	-	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1022.3	+4	WSW	6	b	44	75	8	-	-	0	-	0
Southampton (Calshot)	10	1022.3	+5	W'S	5	b	41	75	8	-	-	0	-	0
Dungeness	20	1020.8	+7	W	7	b-	42	75	8	-	-	0	-	0
Guernsey (Fort George) P	295	1025.8	+4	WSW	4	b-	46	75	7	-	-	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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	993.3	+5	W	3	cjp	40	85	8	4000	CuNb	8	-	8	•
Stornoway	1001.2	+2	WSW	3	bejPH	37	97	7	4000	CuNb	7	-	7	2
Wick	1003.4	+5	W	3	c	35	97	8	1500	Nb	6	CiSt	8	0
Tiree	1006.3	+2	SW	3	bc	42	75	7	2500	StCu	5	-	5	6
Nairn	1004.3	•	WNW	2	bc	35	85	8	4000	CuNb	6	-	6	•
Aberdeen	1005.8	+5	WSW	3	b	36	75	7	-	-	0	Aci	1	0
Malin Head	1010.7	+2	SW	5	c-	40	97	7	1500	St	9	-	9	5
Renfrew	1011.2	+5	WSW	3	b	36	85	7	1500	CuNb	2	-	2	•
Edinburgh (Inchkeith)	1009.5	+6	W	4	b	36	85	8	-	-	0	Aci	1	2
Leuchars	1008.6	+6	WSW	5	b	34	85	8	-	-	0	-	0	•
Eskdalemuir	1012.8	+4	WSW	6	b/S#	33	97	7	1500	StCu	2	-	2	•
Tynemouth	1011.8	+5	W	5	bc+	37	85	7	1500	Cu	3	-	3	2
Blacksod Point ...	1010.6	-4	S	5	c+	47	75	8	•	StCu	10	-	10	7
Donaghadee	1015.3	+3	W	3	bc+	36	85	8	4000	StCu	5	-	5	2
Birr Castle	1016.8	•	S	2	c+	38	97	7	2500	StCu	4	ASt	9	•
Holyhead	1018.8	+4	WSW	4	bc	42	75	7	1500	St	2	ASt	3	3
Liverpool (Bidston) ...	1018.8	+5	W'S	5	b-	39	75	8	1500	CuNb	1	ACu	1	•
Chester (Sealand) ...	1016.2	+6	W'S	3	b	38	75	7	4000	SiCu	1	-	1	•
Harrogate	1017.0	+5	SW	3	b	36	85	7	2500	CuNb	1	-	1	•
Spurn Head	1015.4	+5	W	6	b	39	85	7	5700	Nb	1	-	1	5
Birmingham (Edgbaston)	1022.2	+4	WSW	4	b	37	75	7	4000	SCu	1	-	1	•
Cranwell	1019.0	+5	SW'W	5	b	35	85	7	4000	SCu	1	-	1	•
Gorleston	1019.5	+5	W'S	3	b	37	85	7	5700	Cu	2	-	2	1
Valentia (Cahirciveen)P	1019.0	-4	SSW	5	c+	47	75	8	1500	St	6	ASt	8	6
Roches Point	1022.0	0	W	2	c	43	97	8	1500	StCu	9	-	9	4
Pembroke (St. Ann's H.)	1022.8	+3	NW	6	b-	45	75	8	1500	St	1	-	1	5
Ross-on-Wye	1022.9	+3	WSW	3	b	39	75	8	4000	Cu	1	-	1	•
Leafield	1023.0	+3	SW'W	3	b	35	97	8	5700	SCu	1	-	1	•
Winchester (Worthy Dn.)	1024.7	+3	SW	4	b	38	85	7	7200	SCu	1	-	1	•
S. Farnborough ...	1024.5	+3	WSW	4	b	36	85	8	4000	SCu	1	-	1	•
London (Kew Obsy.) ...	1023.9	+4	SW'W	4	b	39	85	7	-	SCu	1	-	1	•
Croydon	1024.0	+4	WSW	4	b	39	85	7	4000	St	1	-	1	•
Shoeburyness	1023.3	+3	W	4	bc+	39	85	7	4000	SNb	4	ACu	5	•
Clacton-on-Sea ...	1021.8	+4	WSW	4	bc	38	85	7	4000	SCu	3	-	3	2
Felixstowe	1022.3	+4	SW	5	b	39	85	8	5700	SCu	2	-	2	•
Lympne	1024.6	+4	SW'W	4	b	37	85	7	4000	SCu	2	-	2	•
Scilly (St. Mary's) ...	1027.1	+1	W'S	5	b	46	75	7	4000	CuNb	2	-	2	6
Falmouth (Pendennis)	1027.8	+3	W'N	3	bc+	42	85	8	4000	CuNb	4	-	4	1
Plymouth (Cattewater)	1027.1	+4	NW	3	b-	42	85	8	2500	Cu	1	-	1	1
Portland Bill	1025.0	+1	WSW	6	b	44	75	8	2500	StCu	1	-	1	7
Southampton (Calshot)	1025.6	+4	W'S	5	b	40	85	7	-	-	0	-	0	3
Dungeness	1024.1	+5	W	6	bc-	42	97	8	1500	Cu	2	CCu	3	3
Guernsey (Fort George) P	1029.4	+3	W	4	bc	43	85	8	1500	CuNb	3	-	3	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...Tuesday, 24th January.

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 24th to 9h. 25th	Temperature. Max. 9h.-17h. 24th	Rainfall.† Night 17h.-9h. 23-24th	Rainfall.† Day 9h.-17h. 24th	Sunshine. Sunrise to Sunset. 24th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	cr	cbr	37	45	0.2	0.5	2.8
Douglas (I. o. M.) ...	cqp	cqp	43	46	1	1	0.1
Llandudno ...	bccrc	cbc	45	49	13	3	1.0
Colwyn Bay ...	rcrpc	cobc	45	51	6	5	1.4
Rhyl...	bcrbc	rbcc	42	51	9	2	1.6
Wallasey	crRc	bcirc	40	50	12	5	2.5
Southport	cbccc	ocoqro	*43	48	17	1	1.7
Blackpool	cp	orq	42	45	18	0.5	1.2
Ilkley	cr	crc	36	46	14	3	0.3
Cleethorpes... ...	ob	opo	40	51	11	0.5	1.5
Skegness	pro	ocb	36	52	10	Trace	0.2
Aberystwyth ...	rcbc	bcbc	45	47	12	0.5	2.9
Bath	cr	rchb	36	54	2	2	1.3
Cheltenham‖ ...	cbcd	pscq	43	53	4	0.5	2.0
Leamington Spa ...	o	cb	36	51	6	-	1.2
Lowestoft	crc	c	35	52	5	Trace	0.0
Felixstowe	cbc	cbc	36	50	5	0.2	0.0
Harwich & Dovercourt	roc	ocbc	42	52	6	Trace	0.0
Southend	ocbc	ocrbc	35	50	4	1	1.6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	doc	cbc	45	51	6	0.2	0.8
Bude	cpr	cprh	45	51	1	1	2.4
Penzance	orb	bpr	49	50	5	1	2.7
Paignton	roq	odrhpq	40	53	7	2	2.2
Torquay	c	berhorq	41 ✓	52 ✓	6	1	2.1
Jersey	rc	pc	45	52	4	2	0.2
Weymouth	rpcbc	cpb	45	52	4	0.2	1.9
Bournemouth ...	rco	oc	42	52	9	-	1.0
Ventnor ...	or	pb	43	49	7	1	0.1
Portsmouth (S'thsea)	orcbc	bbc	38	52	9	0.4	0.3
Bognor	orrc	cbc	43	49	12	1	0.0
Littlehampton ...	orc	cbc	38	49	9	0.6	0.0
Worthing	orc	cbc	35	49	8	1	0.0
Brighton	ort	cbcb	38	49	8	1	0.0
Eastbourne‖... ...	dro	oc	45	51	9	1	0.0
Hastings‖	ordo	oc	44	50	7	2	0.0
Folkestone	romdr	c	40	50	8	1	0.2
Dover	odo	oc	41	49	7	1	0.0
Tunbridge Wells ...	oro	opobc	42	51	9	1	0.0
Ramsgate	co	cobo	38	52	5	0.3	0.1
Margate	orod	bccrc	41	53	5	2	0.0
Deal	d	cbcc	39	51	7	3	0.2

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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. B 24171. Thursday, 26th January, 1928.

Observations at 13h. G.M.T. 25th

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	997.0	+1	SW'S	3	c/p	41	97	8	5700	StCu	5	ASt	8	•
Stornoway	993.1	-4	S	6	orr	42	97	7	2500	Nb	10	-	10	•
Wick	999.9	-3	SW	3	c	39	92	8	1500	Nb	6	ASt	8	•
Tiree	9962	-13	S'W	7	or	44	92	6	800	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1005.5	-4	SSW	4	c+	38	85	7	1500	Cu	1	ASt	9	3
Malin Head	998.4	-18	S	7	cdd	44	97	6	2500	Nb	2	ASt	10	•
Renfrew	1006.4	-9	SSW	5	orr	40	85	6	800	Nb	10	-	10	2
Edinburgh (Inchkeith)	1006.8	-5	SW	5	bc+	42	75	8	-	-	0	ACu	6	•
Leuchars 1007.5	1007.2	-4	SSW	5	c	41	75	7	2500	StCu	5	Ci	9	2
Eskdalemuir	1010.4	-4	SSW	6	or	37	92	6	1500	St	10	-	10	T
Tynemouth	1012.9	+2	SW	4	bc	43	85	7	1500	CuNb	6	-	6	•
Blacksod Point	999.2	-5	SW	8	c	46	75	6	•	StCu	10	-	10	•
Donaghadee	1009.5	-11	SW	7	c/pr	44	85	7	2500	Nb	5	ASt	8	•
Birr Castle	1007.2	•	SSW	5	c	50	75	7	1500	Cu	8	-	8	•
Holyhead	1015.3	-8	SSW	6	c+	47	85	6	1500	St	8	ASt	9	1
Liverpool (Bidston)	1017.0	-3	SW	5	c+	47	65	8	1500	CuNb	9	CiSt	9	•
Chester (Sealand)	1018.0	-5	SSW	3	c	49	75	8	1500	St	6	Ci	9	2
Harrogate	1017.8	0	S	3	bc-	42	75	5	2500	Cu	4	-	4	•
Spurn Head	1018.7	+1	SW	5	c	41	85	6	-	-	0	ASt	9	•
Birmingham (Edgbaston)	1021.5	-3	SSW	4	bc+	45	65	6	4000	StCu	2	CiCu	7	2
Cranwell	1021.3	-1	SW'S	5	bc	44	75	6	4000	StCu	2	ACu	7	1
Gorleston	1022.8	+2	W	4	bc+	45	65	7	-	-	0	CiCu	6	•
Valentia (Cahirciveen)	1009.2	-13	S'W	7	c/pr	50	75	7	1500	St	8	ASt	10	2
Roches Point	1015.5	-8	W	4	c	49	85	8	1500	StCu	8	-	8	•
Pembroke (St. Ann's H.)	1020.5	-4	SW	6	c	48	92	7	2500	StCu	8	-	8	•
Ross-on-Wye	1022.0	-2	SSW	4	c+	46	75	7	4000	Cu	6	CiSt	8	1
Leafield	1024.0	+1	S'W	4	c+	42	85	8	2500	Cu	5	CiSt	8	2
Winchester (Worthy Dn.)	1027.3	+1	S'W	4	c	47	65	8	4000	Cu	2	ASt	8	1
S. Farnborough	1026.3	0	SW	4	bc+	47	65	8	-	-	0	Ci	7	2
London (Kew Obsy.)	1026.1	0	WSW	4	bc	45	65	6	-	-	0	Ci	5	2
Croydon	1026.6	-1	SW'W	4	bc	47	65	7	5100	StCu	3	CiSt	7	2
Shoeburyness	1026.5	+1	W'S	4	bc+	46	65	6	-	-	0	ASt	7	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1025.5	+2	SW	4	c	44	65	7	-	-	0	ASt	9	0
Lympne	1027.2	+1	SW	5	bc+	45	65	8	2500	Cu	4	CiCu	7	1
Scilly (St. Mary's)	1025.6	-7	SW	6	bc	51	75	7	4000	StCu	5	-	5	•
Falmouth (Pendennis)	1025.5	-3	SW'W	7	bc+	50	75	8	4000	Cu	4	Ci	7	•
Plymouth (Cattewater)	1026.4	+3	SW	6	bc	49	85	8	2500	CuNb	4	CiSt	7	2
Portland Bill	1027.8	0	SW	5	c	47	85	8	2500	StCu	5	Ci	8	•
Southampton (Calshot)	1027.7	-1	SW'W	4	bc	47	75	7	2500	Cu	1	CiSt	4	0
Dungeness	1028.2	+2	W	5	bc+	47	85	8	1500	Cu	3	CiCu	7	•
Guernsey (Fort George)	1030.3	-1	WSW	4	bc	49	75	8	2500	CuNb	2	Ci	3	•

Observations at 13h. 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	988.9	-15	SSW	5	orr	41	97	7	4000	Nb	10	-	10	•
Stornoway	983.8	-4	SW	6	c/PR	38	97	6	4000	CuNb	9	-	9	5
Wick	988.4	-15	SSW	6	c	42	85	8	2500	StCu	5	ASt	8	3
Tiree	988.3	-8	SW	8	bc/PR	44	85	6	1500	CuNb	6	-	6	8
Nairn	989.3	•	WSW	3	cdo	41	92	7	1500	Nb	8	-	8	•
Aberdeen	995.3	-12	SSW	5	cf	44	85	6	1500	Nb	8	ASt	10	0
Malin Head	996.4	+1	W	7	bc/pr	43	97	7	4000	CuNb	5	-	5	7
Renfrew	997.6	-7	SW	6	c/rs	(39)	92	7	800	St	9	-	9	•
Edinburgh (Inchkeith)	995.7	-11	SW	5	bc	45	75	8	800	CuNb	5	-	5	3
Leuchars	996.2	-11	SSW	7	c/r	44	85	7	1500	Nb	5	ASt	10	•
Eskdalemuir	999.4	-11	S'W	8	orr	42	92	6	800	Nb	10	-	10	•
Tynemouth	1003.6	-9	SW	6	bc	46	85	7	1500	CuNb	6	-	6	2
Blacksod Point	1000.8	+2	WSW	7	c	42	85	6	•	CuNb	10	-	10	8
Donaghadee	1001.5	-2	W'S	5	bc/r	42	75	8	2500	Nb	7	-	7	4
Birr Castle	1005.0	•	S	4	bc-	42	85	7	1500	CuNb	6	-	6	•
Holyhead	1006.6	-10	SW	7	orr	46	92	5	1500	Nb	10	-	10	6
Liverpool (Bidston)	1007.4	-13	SW	8	o/ph	47	75	8	1500	Nb	10	-	10	•
Chester (Sealand)	1008.4	-12	SW	7	or	49	65	7	1500	Nb	10	-	10	•
Harrogate	1003.5	-7	SSW	5	cr	45	75	7	2500	Nb	9	ASt	10	•
Spurn Head	1013.2	-7	S'W	7	c	43	85	7	-	-	0	ASt	8	4
Birmingham (Edgbaston)	1015.1	-7	SSW	5	cr	45	85	8	800	Nb	8	-	8	•
Cranwell	1016.9	-6	S	5	c	43	85	6	4000	StCu	6	ASt	8	•
Gorleston	1020.9	-3	SSW	4	bc	42	75	7	4000	StCu	3	ASt	6	1
Valentia (Cahirciveen)	1010.5	+3	SW'W	7	c/pr	45	75	8	2500	St	10	-	10	7
Roches Point	1011.1	+2	W	3	bc	46	92	8	1500	Nb	4	-	4	6
Pembroke (St. Ann's H.)	1011.9	-10	SW	9	crr	47	97	5	2500	StCu	7	ASt	10	8
Ross-on-Wye	1016.2	-8	SW'W	6	bc/r	47	75	6	2500	Nb	5	ASt	6	•
Leafield	1018.6	-6	SSW	6	bc	44	85	8	2500	Nb	3	ASt	7	•
Winchester (Worthy Dn.)	1022.6	-5	S	5	c/pr	45	85	7	800	StCu	8	Ci	9	•
S. Farnborough	1022.5	-5	SSW	5	bc	45	75	8	1500	St	3	Ci	7	•
London (Kew Obsy.)	1022.9	-4	SW'S	5	bc	45	75	6	800	St	1	Ci	2	•
Croydon	1023.3	-5	SSW	4	c-	45	85	6	1500	St	4	Ci	8	•
Shoeburyness	1023.9	-2	SW	4	c+	45	85	6	2500	StCu	8	-	8	•
Clacton-on-Sea	1023.5	-3	SW	5	bc	43	85	7	-	-	0	ASt	5	3
Felixstowe	1023.9	-2	S	6	c	44	75	6	-	-	0	ASt	3	6
Lympne	1025.1	-3	S'W	5	bc-	43	92	6	2500	StCu	3	-	3	•
Scilly (St. Mary's)	1018.9	-7	SW	8	c+	49	85	6	4000	StCu	8	-	8	8
Falmouth (Pendennis)	1019.3	-5	SW'W	8	c+	49	85	8	4000	StCu	5	CiSt	8	6
Plymouth (Cattewater)	1021.9	-5	SW	7	c/pr	47	92	7	1500	Nb	8	ASt	9	6
Portland Bill	1023.0	-4	SW	6	c	49	85	8	1500	St	7	ASt	10	6
Southampton (Calshot)	1024.1	-4	SW'S	6	c+	46	85	7	1500	StCu	2	ASt	8	3
Dungeness	1025.2	-5	SW	6	bc-	46	92	8	-	-	0	Ci	3	5
Guernsey (Fort George)	1027.9	-3	WSW	5	bc	48	85	8	2500	CuNb	2	Ci	3	6

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	bbc	bcbq	crqc	47	42	37	-	3	4.6	•	•	6
Croydon (24 hours ended 7h.)	244	bzbc	bccz	crqbc	48	42	39	-	1	2.9	•	•	6
Greenwich (Royal Obsy.)	149	bbc	bcac	drqc	48	41	36	-	1	4.2	66	85	6
City (Bunhill Row)	30	•	•	•	•	•	•	•	•	2.7	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	48	43	33	2	•	4.0	72	84	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	3.6	•	•	•
Camden Square	110	bbc	bcc	•	48	39	37	-	1	•	•	87	•
Kensington Palace	80	bbc	bc	•	48	42	-	-	3	•	(At 18h) 78	83	•
Hampstead Observatory	450	•	•	•	46	34	27	0.5	1	3.8	•	91	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 26th

South Kensington

Max.	Time.	Min.	Time.
0.6	9h.25m	0.0.3	2h.26m

Kew Observatory

Max.	Time.	Min.	Time.
0.0.3 Throughout.			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25th 17h.45m. to 26th 06h.30m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12.45	03.20	26
δ Ursæ Minoris	12.45	02.17	18

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 January 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.46	12.6	16.23
	7.47	12.6	16.25
Greenwich	7.51	12.12	16.35
	7.49	12.13	16.36
Wick	8.36	12.25	16.14
	8.34	12.25	16.17
Valentia	8.34	12.53	17.14
	8.32	12.54	17.16

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. ψ = 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 } 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.

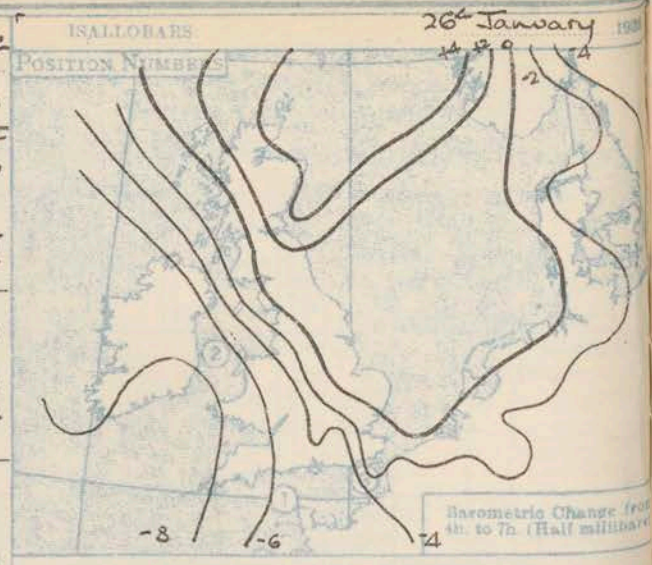
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 65 yards.
0. Dense fog.	
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.	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	WEATHER. 13h.-18h. 25th	WEATHER. 18h. 25th to 1h. 26th	WEATHER. 1h.-7h. 26th	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 25th Hours.
Lerwick	cp,rh	coirr,	cip,rbc	bcp,rc	44	37	•	4	<8.00	1	21.00	0.5
Stornoway	r-d	orrcprt	p	ophs	44	33	•	8	*	3	*	0.0
Wick	c	cid,c	b-bc	bcp,s	43	33	•	0.1	16.30	0.1	06.30	•
Tiree	prgco	proq	tlrh	orss	46	32	30	3	<8.00	3	21.00	3.1
Nairn	bc	bcqde	dcqpr	bcprs	41	33	•	1	16.30	3	21.00	0.5
Aberdeen	bbcc	ccrrsr,	cir,gbc	bcb	44	36	32	0.6	14.30	0.4	21.00	1.5
Malin Head	od,d,	or,rbcph	bcprthr	orsrs	45	34	•	2	9.00	7	21.00	0.1
Renfrew	bccorr	or,rq,RS	cbcqp,	cpc	46	34	33	7	11.00	2	24.00	0.0
Edinburgh (Inchkeith)	bbc	pq	iRSq	Prsbc	47	35	33	0.1	14.30	2	21.00	1.2
Leuchars	br,c	rpr,r	cp,bcp,	bcp,ors	45	33	31	2	13.30	3	21.00	0.9
Eskdalemuir	bcm,oig	oi,orm	orm,c	corps,c	42	31	29	5	12.30	4	21.00	0.2
Tynemouth	bcq	bcq	bcsirq	bcq	46	37	30	-	-	3	21.00	•
Blacksod Point ...	phrlo	Hqho	Hqhc	Hpqo	49	35	•	15	*	5	–	•
Donaghadee	cq,pr	prrr	p,rbc	bcc	48	35	•	4	9.00	1	22.00	•
Birr Castle	cq	cphr	chtl	cihr	50	34	29	4	15.30	5	21.00	1.8
Holyhead	bccm,	ir,rq	rsbl	cbc	48	39	37	3	14.30	1	21.00	0.0
Liverpool (Bidston) ...	bbcc	bccqp	oPbc	qbcb	48	37	30	Trace	17.30	3	21.00	1.1
Chester (Sealand) ...	bcc	cq,r,	rr	bcb	50	34	29	Trace	17.30	6	21.00	0.8
Harrogate	bbccbc	bccir,	coqirb	cbcbp	46	34	31	Trace	17.30	4	*	1.1
Spurn Head	bbcc	c	b-bc	b-bc	45	37	•	–	–	1	21.00	1.9
Birmingham (Edgbaston)	bbc	bcor,	cor	oc	45	36	34	0.1	15.30	3	21.00	3.0
Cranwell	bbcc	c	cd,db	bbcc	45	37	34	–	–	1	21.00	2.5
Gorleston	bbcq	bcq	oirq	oc	45	41	37	–	–	0.6	24.00	4.4
Valentia (Cahirciveen)	cp,c	Rhtl	opqt	phqt	50	39	35	7	9.00	5	21.00	0.4
Roches Point	cp,c	crrhbc	bcpb	bcqirc	50	37	•	3	13.30	3	21.00	•
Pembroke (St. Ann's H.)	cpq	cpm	bcbP	bcbq	49	43	•	1	11.00	4	21.00	0.0
Ross-on-Wye	bbccbc	ccorq	cp,orqq	bbc	48	39	31	1	16.30	4	21.00	1.9
Leafield	bbc	cp,	corqc	cnpr	44	35	33	0.1	16.30	3	21.00	3.7
Winchester (Worthy Dn.)	bbcc	ccpr,	ororrq	acqq	47	39	36	Trace	17.30	3	21.00	5.6
S Farnborough ...	bvbc	bc	bccrr	c	48	40	38	–	–	3	21.00	5.0
London (Kew Obsy.) ...	bbc	bccbq	crq	c	47	42	37	–	–	3	21.00	4.6
Croydon	bz,bc	bccz,	cr,gbc	bcc,m,	48	42	39	–	–	1	21.00	4.9
Shoeburyness	bcbbc	co	bccpr	bcc	47	41	39	–	–	Trace	22.00	4.4
Clacton-on-Sea ...	bcc	cbc	bcc	cpbc	45	41	38	–	•	2	22.00	3.6
Felixstowe	bbcc	cbcc	cm,	crcrc	45	41	38	–	–	0.6	24.00	3.7
Lympne	bbc	bccbc	bcr,m,	crm,	46	39	39	–	–	2	22.00	5.5
Scilly (St. Mary's) ...	bbc	bccP	cPbcb	bcPc	51	43	•	1	15.30	3	21.00	5.1
Falmouth (Pendennis)	bcq	bccpq	crbc	bcpr	51	44	•	Trace	12.30	2	21.00	5.0
Plymouth (Cattewater)	bbcq	bccqpr	cPRr,	cq	51	43	40	0.3	16.30	2	21.00	4.4
Portland Bill	bcc	cp,	cqiR3,	oc	49	45	•	Trace	15.30	2	<21.00	•
Southampton (Calshot)	bbcq	bccprq	cqRrr	cr,r,	48	43	40	Trace	15.30	4	21.00	5.7
Dungeness	bc	bcq	dcdcq	qcorr	47	42	•	–	–	3	22.30	•
Guernsey	bcbhrbc	bcq	bbcirsc	bORRcrr	49	44	•	1	<8.00	23	21.00	5.3



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	25th 10h.	'SCOTIA'	SSW	6	C+	43	46
3	26th 2h.	ARUNDEL	SW	7	C+	48	48

GENERAL INFERENCE.

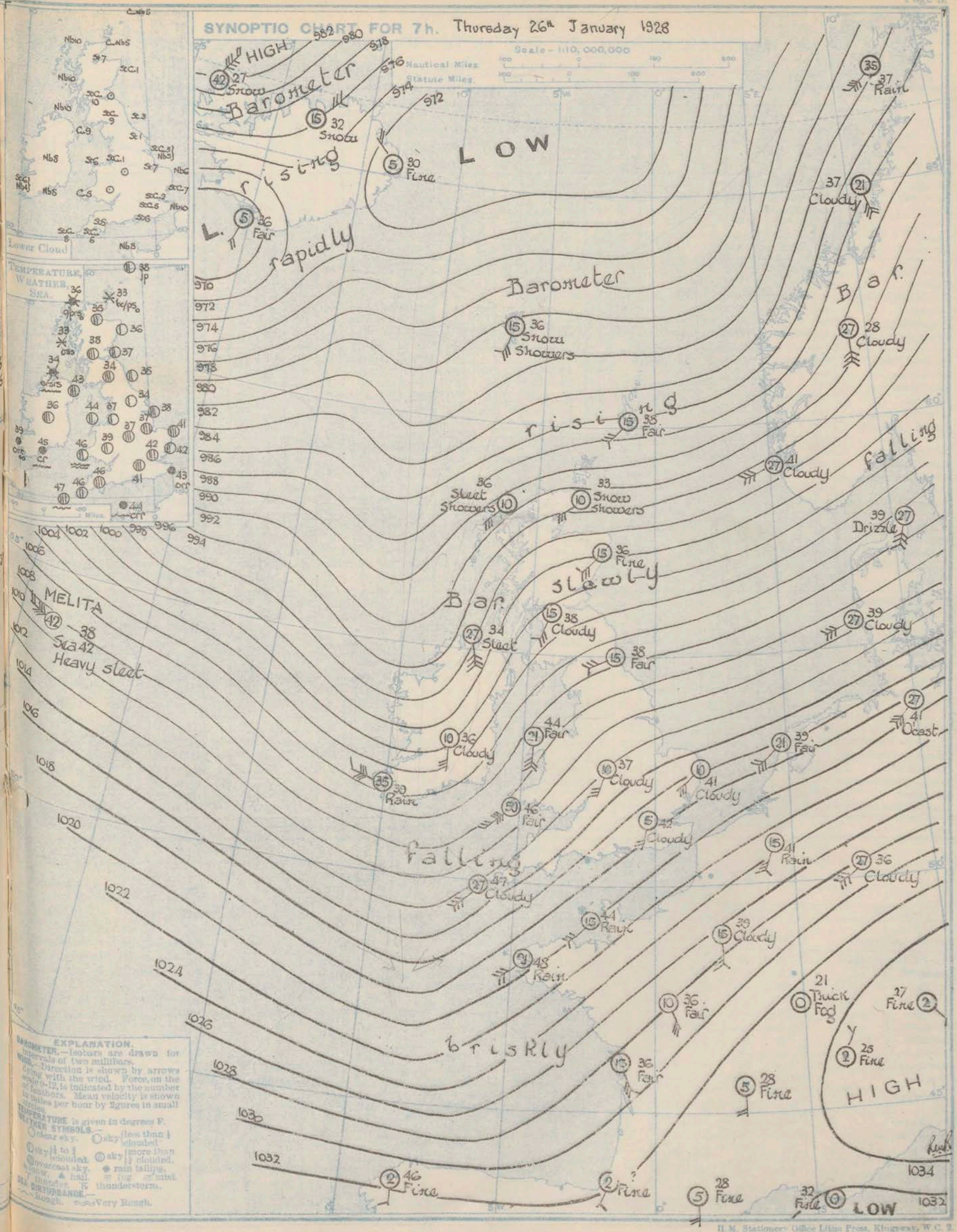
A trough of low pressure extending southwards over Ireland will move northeastwards across the British Isles. While weather will continue rather stormy and unsettled there will be some bright periods in most areas. Thundery squalls and wintry showers will occur locally and temperature become generally lower than of late. Some snow is probable on the high ground in all districts but in Scotland the snow will extend to the low ground and drift locally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 26th January, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands	Southwesterly to westerly winds, moderate to strong, stronger in squalls; bright intervals but wintry showers; colder with frost locally at night.	Unsettled.
4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓ 7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands 10. N.E. England ↓	Westerly winds, strong to gale at times; bright periods but rain or hail squalls and perhaps local thunder; some snow on hills; cold with frost locally at night.	
11. S.E. Scotland ↓ 12. S.W. Scotland & Isle of Man ↓ 13 A. W. Scotland ↓ 13 B. N.W. Scotland ↓ 14. Mid-Scotland 15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓ 17. N.W. Ireland ↓ 18. N.E. Ireland ↓	Westerly winds, moderate to strong, gale at times locally; thundery squalls but bright periods; snow at times, particularly on high ground; cold, frost at night.	↓ South Cone still flying.
19. S.E. Ireland ↓ 20. S.W. Ireland ↓	As 4 - 10.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0955 G.M.T. Dr. 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.....Thursday 26th January 1928. No. 26th

Stations.	Height above M.S.L. in feet.	1h. G.M.T. 26th: 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	7h. G.M.T. 26th: 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	Sec. 0-9
Lerwick	54	981·8	+5	SW	5	bc	42	97	8	4000	Cu.	4	–	4	986·7	+5	SW	4	bc/p	38	97	8	4000	Cu.Nb.	5	A.St.	7	•
Stornoway	30	990·6	+5	WNW	4	b/PR	•	•	7	•	•	•	•	•	990·8	+2	SW	3	o/prs	36	85	7	2500	Nb.	10	–	10	2
Wick	81	988·4	+6	SW	3	bc	38	92	8	2500	St.Cu	4	Ci.St.	6	992·8	+4	WSW	3	bc/ps	33	92	8	1500	Cu.Nb.	5	–	5	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	995·6	-1	SW	4	oss	33	97	6	800	Nb.	10	–	10	5
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	995·0	•	W	1	bc/rs	35	85	7	1500	St.	7	–	7	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	997·6	+3	SW	4	b	36	75	7	4000	St.Cu	1	–	1	0
Malin Head	51	1000·1	+2	WSW	7	ch(r)	37	97	7	4000	Cu.Nb.	8	–	8	999·6	-7	SSE	6	ors/rs	34	97	5	2500	Nb.	10	–	10	7
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1000·7	0	SSW	4	c	38	75	7	800	St.Cu.	10	–	10	•
Edinburgh (Inchkeith)	190	997·4	+2	WSW	5	o/c	37	92	8	800	Nb.	10	–	10	1001·0	+3	W	4	bc	37	75	8	–	–	0	A.Cu.	3	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1000·5	+4	SW	4	c/rs	35	92	7	1500	St.	4	A.St.	8	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·9	0	SSW	4	c	34	97	7	1500	St.Cu.	9	–	9	•
Tynemouth	67	1002·8	-1	WSW	4	bc/r	40	85	7	1500	Cu.Nb.	4	–	4	1005·9	+1	WSW	4	bc	38	85	7	1500	St.	3	–	3	2
Blacksod Point ...	18	1002·6	+2	W	7	C	40	75	6	•	CuNb	8	–	8	995·2	-3	NW'W	7	C	39	92	6	•	CuNb	10	–	10	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·6	-5	SW	4	c+	43	85	7	2500	Cu.	9	–	–	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	999·4	•	S	3	c/h	36	97	7	1500	Nb.	9	–	8	•
Holyhead	26	1010·5	+5	SW'W	7	bc+	44	65	8	2500	St.	6	–	6	1006·7	-7	S'W	5	bc+	44	75	7	1500	St.	6	–	6	4
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·6	-2	SE'S	3	b	37	75	7	2500	St.Cu.	1	–	1	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·7	-4	SE	1	b	34	75	7	–	–	0	Ci.	1	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1009·9	0	SW'S	4	b	34	85	7	2500	St.	1	–	1	•
Spurn Head	29	1009·3	+1	WSW	6	bc-	42	85	7	4000	St.Cu.	3	–	3	1011·0	+1	SW	5	c+	38	85	7	4000	Nb.	8	–	8	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·2	-3	SSW	3	c	37	85	8	–	–	0	Ci.St.	8	•
Cranwell	236	1012·3	+2	SW	5	b-	42	97	7	–	–	0	–	0	1012·6	0	S'W	4	c	37	92	7	4000	St.	7	A.St.	10	•
Gorleston	14	1014·7	-3	SSW	6	1o/r	46	85	7	1500	Nb.	10	–	10	1016·2	0	SW	3	c	41	75	7	2500	Nb.	6	A.St.	10	1
Valentia (Cahirciveen)P	30	1013·2	0	SW	5	c/PH	44	85	8		Cu.Nb	10	–	10	1002·8	-9	W'N	7	o/c/o	39	85	8	2500	St.	10	–	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·5	-9	SW	5	cr	46	92	7	1500	Nb.	8	–	8	6
Pembroke (St. Ann's H.)	150	1014·9	+3	WNW	9	bc/p	45	85	7	1500	Cu.	4	–	4	1009·6	-8	SW	9	bc+	46	75	7	2500	Cu.	5	–	5	8
Ross-on-Wye	222	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·2	-4	S	2	bc	39	85	7	–	–	0	A.St.	6	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·5	-3	S	3	C	36	97	7	5700	StCu	2	AST	8	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·1	-3	S'E	3	c	40	92	7	1500	St.Cu.	8	A.St.	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1016·2	-4	S	2	c	41	85	6	4000	St.Cu.	5	A.St.	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	46	•	•	•	•	•	•	•	1016·6	-4	S'W	2	c	42	86	5	2500	St.Cu.	2	A.St.	10	•
Croydon	244	1019·7	-2	SW'S	4	bc-	~~44~~ 44	~~97~~ 85	6	2500	St.Cu	5	–	5	1017·3	-5	SSW	3	c/r	42	97	6	1500	St.	8	A.St.	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1018·0	-1	SW	4	c	42	85	7	5700	St.Cu.	5	A.Cu.	8	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·9	-1	SW	3	bc	42	92	7	4000	St.Cu.	7	–	7	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·6	0	SSW	3	c	41	92	6	800	St.Cu.	10	–	10	3
Lympne	350	1020·2	-3	SSW	7	o/c	45	92	6	800	St.	10	–	10	1018·8	-3	SSW	4	o/c/o	41	92	6	800	St.	10	–	10	•
Scilly (St. Mary's) ...	163	1020·1	0	W'S	6	b	46	85	7	4000	Cu.Nb.	2	–	2	1013·6	-8	SW	6	c+	47	75	7	4000	St.Cu.	8	–	8	7
Falmouth (Pendennis)	200	1020·5	0	W	5	bc-	46	75	7	4000	Cu.Nb.	4	–	4	1014·1	-6	SW'W	6	bc	46	75	8	4000	St.Cu.	5	–	5	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1014·9	-7	SW	5	c	46	75	8	2500	St.	8	A.St.	9	4
Portland Bill	32	1019·0	0	SW	7	or	48	75	6	2500	Nb	10	–	10	1016·6	-3	WSW	4	c	46	75	8	1500	St	8	AST	10	5
Southampton (Calshot)	10	1020·1	-3	SW'W	6	c/o	45	92	7	1500	Nb	4	A.St.	9	1017·2	-4	SW'S	5	c	43	~~92~~ 97	7	1500	St.	6	A.St.	9	3
Dungeness	20	1018·0	-8	SW	8	b-	47	85	8	–	–	0	Ci.	2	1019·6	-1	SW	3	orr	43	97	7	~~800~~	Nb.	10	–	10	5
Guernsey (Fort George) P	295	1023·0	-4	SW	5	c+	48	75	7	4000	St.Cu.	10	–	10	1019·5	-4	SW	4	crr	44	92	6	800	Nb.	8	A.St.	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wednesday 25th January.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 24th to 9h. 25th	Temperature. Max. 9h. -17h. 25th	Rainfall.† Night 17h.-9h. 24th-25th	Rainfall.† Day 9h.-17h. 25th	Sunshine. Sunrise to Sunset 25th
(1)	(2)	(3)	(4) °F	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	bcc	c	34	47	0·3	–	1·5
Douglas (I. o. M.) ...	o	p	36	47	1	1	0·0
Llandudno ...	ch	c/o	39	50	3	0·2	1·5
Colwyn Bay ...	cbcc	corr	39	50	–	3	0·0
Rhyl...	cbc	bcco	39	50	0·1	(Trace)	1·6
Wallasey	cbcc	cbcc	39	49	0·5	–	0·2
Southport	bccbc	cbcco	*40	49	0·4	–	1·3
Blackpool	co	q	37	47	3	–	0·9
Ilkley	c	c	35	45	8	–	0·9
Cleethorpes... ...	bq	bc	36	45	–	–	2·7
Skegness	bcbbc	bcbo	35	44	–	–	4·5
Aberystwyth ...	c	cq	39	49	–	–	0·0
Bath	bbc	bbcp	39	49	2	Trace	4·3
Cheltenham‖ ...	cbc	bcc	36	48	1	Trace	3·4
Leamington Spa ...	bccb	cb	35	47	–	–	2·4
Lowestoft	b	bbcc	36	45	–	–	4·5
Felixstowe	bbc	bcc	37	46	–	–	3·8
Harwich & Dovercourt	bm	bc	38	46	–	–	3·9
Southend	b	bbc	37	47	Trace	–	4·4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cbc	cod	41	50	0·6	0·2	1·0
Bude	cpc	cpc	39	51	4	?	?
Penzance	b	bc	40	53	0·5	–	4·2
Paignton	rpqbo	dc	39	52	2	–	4·1
Torquay	obccq	bq	39	51	3	–	4·3
Jersey	rbc	bc	40	50	5	–	6·3
Weymouth	b	bc	40	52	0·5	–	5·0
Bournemouth ...	b	bcc	39	49	–	–	4·6
Ventnor ...	bbc	bc	40	48	Trace	1	5·8
Portsmouth (S'thsea)	b	bcpbc	41	50	–	1	6·2
Bognor	bbc	bcc	38	48	–	–	6·0
Littlehampton ...	bbc	bcc	39	47	0·3	–	5·8
Worthing	bbc	bc	40	48	0·3	–	5·8
Brighton	b	bbc	41	47	–	–	5·8
Eastbourne‖	bbc	bccbc	42	48	0·2	–	5·4
Hastings‖	bbcbbc	bccbc	39	47	0·1	–	5·3
Folkestone	bbc	bccbc	38	47	–	–	5·4
Dover	bbc	bcc	39	47	0·1	–	5·3
Tunbridge Wells ...	b	bbc	36	48	Trace	–	5·2
Ramsgate	b	bbc	38	47	0·4	–	5·0
Margate	bc	bc	38	48	–	–	4·6
Deal	b	bbc	38	47	–	–	5·3

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 i. †: See footnote page i.

‖ 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. B24.172. Friday 27th January 1928.

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	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	992.6	+3	SW	4	c jb	40	92	8	4000	CuNb	5	Ci	8	•
Stornoway	990.4	-2	-	0	oss	33	97	6	1500	St	10	-	10	•
Wick	994.0	+1	SSW	3	cr₀r₀	37	97	8	1500	Nb	8	-	8	•
Tiree	990.7	0	W	5	cr₀	39	85	7	1500	CuNb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	995.5	-6	S	4	or₀	39	85	6	1500	Nb	10	-	10	2
Malin Head	994.4	+3	W	5	bc jb	40	85	7	4000	CuNb	7	-	7	•
Renfrew	995.1	-3	SW	5	c	41	75	7	800	StCu	10	-	10	2
Edinburgh (Inchkeith)	994.8	-7	SSW	4	c+bc	37	92	8	800	Nb	9	-	9	•
Leuchars	995.5	-7	S	6	or₀r₀	37	92	7	1500	Nb	10	-	10	2
Eskdalemuir	997.0	-6	S	6	o/s	33	97	6	800	St	10	-	10	7
Tynemouth	999.4	-10	S	4	c+	41	85	7	1500	Nb	9	-	9	•
Blacksod Point ...	997.8	+1	NW'W	6	bc	42	55	8	-	CuNb	7	-	7	•
Donaghadee	998.1	-2	W	4	bc-	41	75	8	4000	Cu	3	Ci	4	•
Birr Castle	1001.1	•	SW	2	bc-	37	92	7	1500	Cu	6	-	6	•
Holyhead	1001.3	-3	SW	4	c/r	42	85	7	2500	St	2	A.St	9	2
Liverpool (Bidston) ...	1001.5	-7	S	5	c	42	85	8	4000	Nb	5	A.St	10	•
Chester (Sealand) ...	1001.9	-7	SSE	5	cr	40	85	6	2500	CuNb	4	A.St	9	2
Harrogate	1003.8	-8	S	4	c	41	75	5	2500	Nb	9	A.St	10	•
Spurn Head	1005.1	-8	S'W	6	bc	43	85	7	4000	Cu	5	CiCu	7	•
Birmingham (Edgbaston)	1004.5	-10	SSW	5	c jb	44	75	8	2500	Nb	8	-	8	2
Cranwell	1006.8	-11	S	5	bc	45	75	6	2500	Cu	2	Ci	4	1
Gorleston	1010.3	-6	S'W	5	c	44	85	6	4000	Cu	10	-	10	•
Valentia (Cahirciveen)	1006.2	+2	W	5	bc	42	65	8	2500	StCu	5	A.Cu	6	2
Roches Point	1005.2	+1	W'N	4	bc	38	97	8	1500	Cu	2	CiCu	4	•
Pembroke (St. Ann's H.)	1002.6	-4	SW'W	7	c/r	43	85	8	1500	CuNb	7	A.St	9	•
Ross-on-Wye	1004.5	-10	S'W	4	cr	46	75	6	2500	Nb	8	A.St	9	1
Leafield	1006.6	-9	S	5	c jb	44	85	8	2500	Nb	7	A.Cu	8	2
Winchester (Worthy Dn.)	1009.0	-10	S'E	5	cr	44	85	8	800	St	9	A.St	10	2
S. Farnborough ...	1008.5	-7	S	4	cr₀	44	85	7	1500	Nb	6	A.St	10	2
London (Kew Obsy.) ...	1010.0	-9	SSW	4	cr₀	46	75	7	800	Nb	6	A.St	10	2
Croydon	1010.5	-9	SSW	4	c	45	85	7	1500	St	8	A.St	10	2
Shoeburyness	1011.4	-5	SSW	4	cd₀	43	97	6	1500	StCu	10	-	10	•
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1012.3	-8	S'W	5	cd	43	92	6	2500	Nb	7	A.St	10	1
Lympne	1012.7	-8	S	6	odd₀	43	92	6	220	St	10	-	10	2
Scilly (St. Mary's) ...	1008.4	-5	W'N	5	c jb	42	97	7	4000	CuNb	10	-	10	•
Falmouth (Pendennis)	1007.8	-5	W	6	c/PR	41	97	7	4000	CuNb	5	A.St	10	•
Plymouth (Cattewater)	1006.5	-10	WSW	6	cr	42	97	6	1500	Nb	9	A.St	10	2
Portland Bill	1007.3	-9	SW	6	c-	48	85	8	1500	St	8	-	8	•
Southampton (Calshot)	1009.6	-10	S'W	6	c	46	85	7	1500	St	7	A.St	10	2
Dungeness .1500 ...	1011.7	-8	SW	7	cdd	45	85	7	~~800~~	Nb	5	A.St	10	•
Guernsey (Fort George) .	1011.6	-9	SW'S	6	cr	46	85	8	800	St	6	A.St	9	•

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	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	993.5	0	S	1	or₀r₀	35	97	7	4000	Nb	10	-	10	•
Stornoway	993.2	+6	WNW	2	o/p₀	32	97	6	1500	Nb	10	-	10	1
Wick	990.9	-2	SSW	3	c	39	85	8	1500	Nb	6	CuSt	8	1
Tiree	996.1	+3	W	2	bc d+	33	97	7	1500	CuNb	6	-	6	5
Nairn	992.3	•	WSW	4	c+	35	92	8	1500	CuNb	9	-	9	•
Aberdeen	994.3	0	SSW	4	bc	38	85	6	1500	Cu	2	A.St	6	0
Malin Head	997.7	+3	W	3	orsrs	34	97	5	4000	Nb	10	-	10	5
Renfrew	997.6	+5	WSW	4	ors	34	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	995.4	+1	SSW	5	crs₀	36	97	8	800	Nb	8	-	8	3
Leuchars	995.5	+3	SW	5	b-₀	37	85	7	1500	St	1	-	1	•
Eskdalemuir	998.4	+3	WSW	3	bc-	34	85	8	1500	St	6	-	6	•
Tynemouth	998.5	+1	SW	2	o/r	38	92	6	1500	Nb	10	-	10	2
Blacksod Point ...	998.9	+1	NW	6	c	43	75	6	•	-	0	A.St	10	8
Donaghadee	1000.8	+5	W	2	b-	34	85	8	4000	StCu	2	-	2	2
Birr Castle	1001.9	•	SW	2	c/prs	36	92	7	1500	Nb	9	-	9	•
Holyhead	1003.3	+4	W'S	4	b-	39	65	8	4000	Cu	2	-	2	4
Liverpool (Bidston) ...	1002.1	+2	W	5	c/r	39	75	8	1500	CuNb	8	-	8	•
Chester (Sealand) ...	1002.3	+3	NW	2	c	39	75	6	1500	St	8	-	8	•
Harrogate	1001.1	-1	SW	2	c/r	36	92	6	2500	Nb	9	A.St	10	•
Spurn Head	1002.3	-2	S	5	c/p₀	43	85	7	4000	CuNb	6	A.St	8	4
Birmingham (Edgbaston)	1003.9	+1	SW	3	c-	37	92	7	4000	StCu	8	-	8	•
Cranwell	1002.8	-1	SSW	5	cr₀	41	92	6	800	Nb	6	A.St	10	•
Gorleston	1005.6	-6	S	5	odd₀	43	97	6	800	Nb	10	-	10	4
Valentia (Cahirciveen)	~~1008.6~~ 1008.4	+5	W'N	6	bc/p₀	43	65	8	2500	Nb	6	-	6	7
Roches Point	1006.9	+2	W'N	4	cr	38	97	8	1500	Nb	6	-	6	4
Pembroke (St. Ann's H.)	1005.3	+4	W	5	bc-	41	75	8	1500	Cu	6	-	6	5
Ross-on-Wye	1004.4	+1	W	2	c	38	85	6	1500	Nb	8	A.St	10	•
Leafield	1004.5	0	W'S	3	c	38	92	7	800	St	6	A.St	9	•
Winchester (Worthy Dn.)	1005.7	-1	W'S	~~3~~ 4	c-	40	97	7	1500	StCu	3	A.St	9	•
S. Farnborough ...	1005.0	-3	SSW	4	o/r	40	92	6	1500	Nb	10	-	10	•
London (Kew Obsy.) ...	1005.2	-3	SSW	3	c/r	43	85	6	800	Nb	4	A.St	10	•
Croydon	1005.6	-4	SSW	3	orr	39	97	6	800	Nb	10	-	10	•
Shoeburyness	1006.4	-4	S	4	cr₀	43	97	6	1500	St	10	-	10	•
Clacton-on-Sea ...	1005.5	-4	~~SSW~~ S	5	bc	43	92	7	2500	StCu	7	-	7	3
Felixstowe	1007.0	-4	S	5	c/r	43	92	7	2500	StCu	9	-	9	3
Lympne	1007.1	-5	SSE	6	orr	42	97	5	450	Nb	10	-	10	•
Scilly (St. Mary's) ...	1010.7	+4	WNW	7	bc	42	75	7	4000	CuNb	4	-	4	7
Falmouth (Pendennis)	1009.8	+3	NW'N	4	bc+	40	65	8	4000	CuNb	5	-	5	1
Plymouth (Cattewater)	1008.5	+3	WNW	4	b-	41	65	7	2500	CuNb	1	-	1	2
Portland Bill	1006.0	+1	W	6	c	43	75	8	2500	Cu	4	A.St	10	7
Southampton (Calshot)	1006.1	-2	WSW	4	c-	43	92	7	1500	St	6	A.St	9	0
Dungeness .1500 ...	1005.9	-8	SSW	7	orr	45	92	7	1500	Nb	10	-	10	7
Guernsey (Fort George) .	1008.9	+1	SW'W	5	c/r	41	85	7	800	St	6	A.St	9	6

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	cr₀	crrc	cprbcb	46	34	28	3	04	0.0	•	•	5
Croydon } 24 hours ended 7h.	244	com₀	crrRR	orrbcr	47	33	29	8	1	0.0	•	•	6
Greenwich (Royal Obsy.) ..	149	c	crcr	crcbcr	46	33	26	8	2	0.0	84	91	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	46	35	28		7	0.0	83	79	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square..	110	oc	cor	•	45	34	30	5	1	•	•	91	•
Kensington Palace	80	o	opr	•	46	34	–	4	1	•	(At 18h.) 97	91	•
Hampstead Observatory ..	450	•	•	•	44	29	23	4	03	0.0	•	97	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 27th

South Kensington Max.	Time.	Min.	Time.
0.6	21h. 26th	2.03	21-5h. 27th.

Kew Observatory Max.	Time.	Min.	Time.
2.03	Throughout.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 17 h. 45 m. to 27th 16 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12.45	07.12	56
δ Ursae Minoris	12.45	06.52	54

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 January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.47 7.46	12.6 12.6	16.28 16.26
Greenwich	7.49 7.48	12.13 12.13	16.36 16.38
Wick	8.34 8.32	12.25 12.26	16.17 16.19
Valentia	8.32 8.31	12.54 12.64	17.16 17.19

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.

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.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

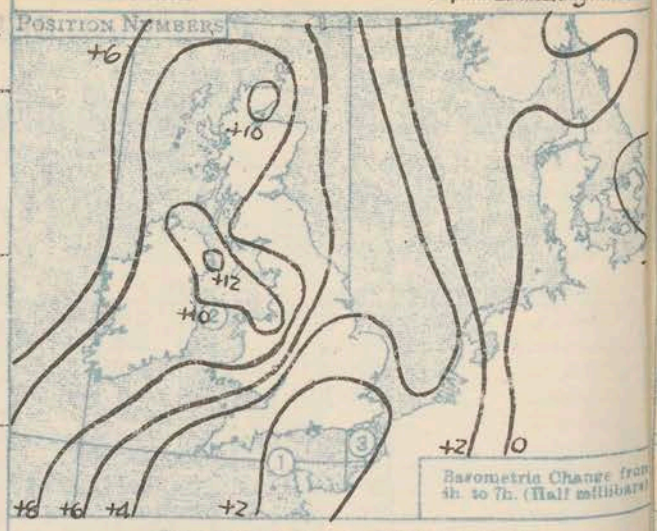
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 26th	13h.-18h. 26th	18h. 26th to 1h. 27th	1h.-7h. 27th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 26th Hours.
Lerwick	cpr	cor	orrc	c	41	34	•	1	9.00	3	<21.00	0.6
Stornoway	s-rs	s-rs	b-bc	bcsh	36	29	•	8	*	2	*	0.0
Wick	crr	c	psSs	SsRlrs	40	32	•	1	12.30	8	<21.00	•
Tiree	srso	prsc	bcq	prbc	41	31	27	7	<8.00	1	21.30	1.1
Nairn	bcq	bcprsq	cpbEq	bcx	39	33	•	0.2	15.30	0.1	<21.00	0.3
Aberdeen	bcorsr	crbc	bcbnbcis	cisrsq	40	34	30	1	11.00	3	22.00	0.0
Malin Head	orscRS	cRScrs	ohRscrsbpr	bcbpr	41	32	•	5	<8.00	7	<21.00	0.6
Renfrew	orsrrc	crsq	csc	bcb	41	27	20	4	<8.00	0.4	22.00	0.3
Edinburgh (Inchkeith)	s-rs	s-rs	prsbcb	bbc	41	33	30	4	<8.00	Trace	<21.00	0.3
Leuchars	cprrsq	rcbc	bx	bbcx	39	30	25	3	<8.00	—	—	0.2
Eskdalemuir	cirosm	osmbc	opsmbx	bx	37	28	17	9	9.00	1	<21.00	0.0
Tynemouth	bc	coir	bcb	b	42	31	28	3	15.30	—	—	•
Blacksod Point ...	phqc	pqho	Plc	pc	43	40	•	2	*	2	*	•
Donaghadee	irbc	bcb	porbc	bcbx	43	33	•	0.6	<8.00	0.6	22.00	•
Birr Castle	cphr	cprs	cir	circ	39	33	30	3	<8.00	1	<21.00	2.0
Holyhead	[illegible]	cbc	bcor	ocbc	45	37	35	4	9.00	1	24.00	0.5
Liverpool (Bidston) ...	borq	ocpoc	cbcb	bohbc	43	33	29	1	11.00	2	24.00	1.0
Chester (Sealand) ...	bcprq	cirqbc	bcbx	bcpr	45	33	24	1	11.00	1	1.30	1.4
Harrogate	bbcc	corrc	cbbc	coSsb	42	30	22	1	14.30	2	3.30	0.7
Spurn Head	bbc	cpr	cprbc	bcx	44	33	•	Trace	17.30	1	<21.00	5.5
Birmingham (Edgbaston)	cbc	cbprqbr	cbx	bxosm	45	32	29	2	13.30	1	4.30	2.1
Cranwell	bbc	bccr	bbc	bc	45	29	27	0.1	14.30	Trace	<21.00	3.2
Gorleston	cq	codq	orrqbc	bx	44	32	30	0.2	16.30	2	<21.00	0.0
Valentia (Cahirciveen)	rbhs	irbh	cphq	cophq	44	40	37	3	<8.00	5	<21.00	1.1
Roches Point	cPhsbc	cpcir	cpbc	bcpEb	45	37	•	4	<8.00	4	<21.00	•
Pembroke (St. Ann's H.)	cPhq	cphq	bcq	bcq	47	39	•	4	9.00	—	—	0.4
Ross-on-Wye	bcbbcc	Rcorbcc	hrcbbc	bqbbc	47	34	27	5	12.30	1	<21.00	2.6
Leafield	cbc	cvprcr	cpsbcbx	bbccr	45	31	28	1	13.30	1	5.30	1.5
Winchester (Worthy Dn.)	ccprr	cRHlpr	cbcb	bbcprx	45	31	26	9	12.30	Trace	5.30	0.4
S Farnborough ...	ccr	ccRq	pcb	bbcx	45	31	26	5	11.00	0.3	<21.00	0.0
London (Kew Obsy.) ...	cr	crrc	cprbcb	bbc	46	34	28	3	13.30	0.4	<21.00	0.0
Croydon	com	crrRR	orrrbc	borrc	47	33	29	8	13.30	1	<21.00	0.0
Shoeburyness	coid	cd	cr	cr	43	33	29	0.2	15.30	2	<21.00	0.0
Clacton-on-Sea ...	bcco	ocbc	bccorc	cbc	43	34	29	—	—	1	21.00	0.0
Felixstowe	cd	cdr	cr	crrc	43	34	30	0.1	12.30	1	<21.00	0.0
Lympne	cddm	orrm	orrrbcm	bccm	43	32	29	4	<8.00	6	<21.00	0.0
Scilly (St. Mary's) ...	cpq	bcpq	bcpb	bbc	47	38	•	5	<8.00	1	<21.00	1.3
Falmouth (Pendennis)	cprhq	crcprhq	bcprhq	bcprhq	48	38	•	3	11.00	2	<21.00	2.2
Plymouth (Cattewater)	crPRq	cqpRb	bcpr	bcPR	49	38	31	3	<8.00	3	<21.00	0.6
Portland Bill	cqPtl,c	cqb	cbv	bbcqp	48	41	•	4	11.00	Trace	5.30	•
Southampton (Calshot)	crcq	cqprh	cbcb	bcpr	47	34	31	4	11.00	Trace	6.30	0.0
Dungeness	cd	dcrr	qrcbc	bcbcc	45	36	•	3	<8.00	3	<21.00	
Guernsey	crrcrq	rrcsrq	cbcpbcv	bccrrit	47	40	•	4	8.00	2	<21.00	0.0

ISALLOBARS 27th January 1928

POSITION NUMBERS



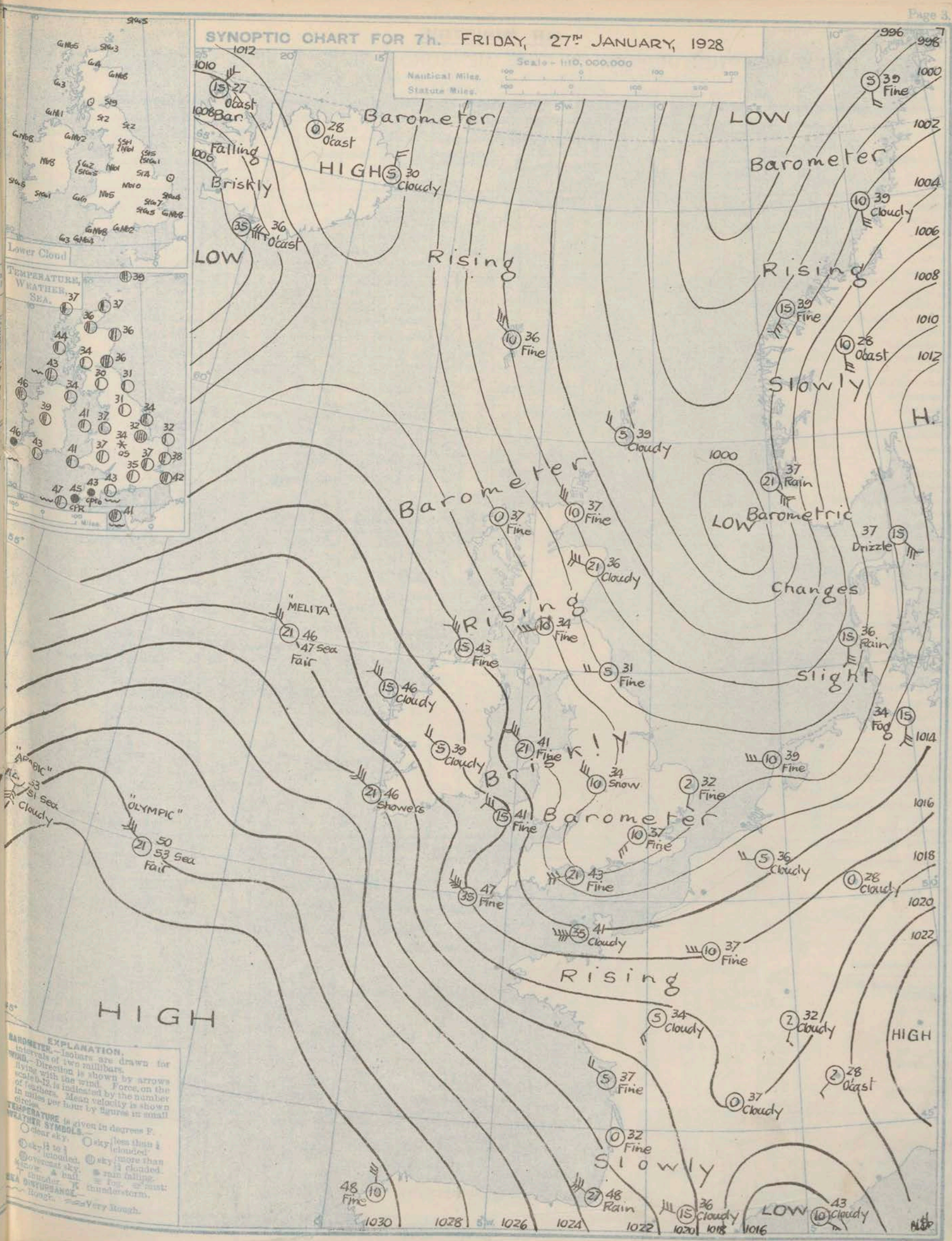
Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	26th 10h.	SCOTIA	SW	8	c/r	43	46	7
1	26th 12h.	REINDEER	SW	6	c+	48	50	6
3	27th 2h.	DIEPPE	NW	4	bcjp	48	48	9

GENERAL INFERENCE.

A ridge of high pressure will move eastwards across the British Isles and give rise to rather cold but mainly bright weather in all districts to-day. Wintry showers will occur locally with snow at times on the high ground. Frost will be widespread tonight. A depression approaching from the Atlantic will renew mild and unsettled conditions during tomorrow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 27th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Northwest winds, backing W. or S.W., moderate, freshening; wintry showers and bright periods to-day, cloudy tomorrow with perhaps rain late in the period; rather cold with frost tonight, milder tomorrow. As 6-18.	Mild and unsettled with probably a renewal of southwesterly gales.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Northwest winds, moderate to strong, moderating then backing and freshening later; showers and bright intervals to-day, cloudy with rain at times tomorrow; mist or fog locally in morning; rather cold to-day, milder tomorrow.	
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 17. N.W. Ireland 18. N.E. Ireland	Northwest winds, moderate to fresh, moderating then backing and freshening considerably; bright intervals with wintry showers at first, cloudy with rain at times later; some snow on high ground; morning mist; cold to-day, night frost, rather mild tomorrow.	
19. S.E. Ireland 20. S.W. Ireland	As 5.	



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday, 27th January.....1928. No. 27.

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	995·9	+3	N	1	c/p	38	97	7	4000	Cu.Nb.	5	A.St.	8
Stornoway	30	1003·7	+7	NNW	3	5-	*	*	8	*	*	*	*	*
Wick	81	997·4	+6	NW	4	055	33	97	4	800	St.	10	-	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1004·5	+8	NW	3	bc/sh	40	85	7	4000	Cu.Nb	3	-	3
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1001·7	+6	W	3	5	34	92	8	-	-	0	-	0
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1002·6	+4	W	1	5	34	92	7	1500	St.	2	-	2
Blacksod Point ...	18	1008·6	+4	NW	6	c	44	75	7	*	Cu.Nb	8	-	8
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1003·8	0	W'N	7	0	41	85	7	2500	St.	10	-	10
Liverpool (Bidston)...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1004·8	+4	WSW	3	5	36	92	7	-	-	0	-	0
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1005·7	+2	SW/W	4	5	33	92	7	-	-	0	-	0
Gorleston	14	1006·1	+4	W'S	2	5-	38	92	6	-	-	0	A.St.	2
Valentia (Cahirciveen)‖	30	1015·5	+3	W	6	bc/PR	44	97	8	*	Cu.Nb.	7	-	7
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1007·7	+2	W	5	bc	44	75	7	2500	Cu.	5	-	5
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	1013·5	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)...	18	*	*	*	*	*	35	*	*	*	*	*	*	*
Croydon	244	1009·1	+4	WSW	3	5-	34	85	6	-	-	0	Cu.	2
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1009·2	+3	WSW	4	6	34	85	6	-	-	0	-	0
Scilly (St. Mary's) ...	163	1014·0	+5	WNW	7	6	45	86	8	4000	Cu.	2	-	2
Falmouth (Pendennis)	200	1013·7	0	WNW	5	bc	43	75	7	4000	Cu.Nb	5	-	5
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	32	1009·3	+1	W	4	6	42	85	8	-	-	0	-	0
Southampton (Calshot)	10	1010·2	+2	SW/W	4	6	35	86	7	-	-	0	-	0
Dungeness	20	1009·5	+4	WNW	2	bc-	37	92	8	5700	St.Cu.	3	-	3
Guernsey (Fort George) ‖	295	1012·2	+2	W	3	bc+	43	75	6	2500	St.Cu.	4	-	4

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	Sea. 0-9
Lerwick	1003·1	+4	NW	2	c	39	97	8	5700	St.Cu.	5	A.St.	9	*
Stornoway	1010·0	+8	-	0	bc/sh	37	85	7	4000	Cu.Nb.	5	-	5	0
Wick	1005·9	+10	NW	3	bc	37	92	8	2500	St.Cu.	3	-	3	3
Tiree	1013·0	+9	NW	4	bc	44	85	8	2500	Cu.	3	-	3	4
Nairn	1008·6	*	W	2	bc-	36	85	8	4000	Cu.	4	-	4	*
Aberdeen	1005·2	+7	WNW	5	c/s	36	85	7	2500	Cu.Nb.	8	-	8	0
Malin Head	1014·0	+10	NW	4	bc/h	43	85	8	5700	Cu.Nb.	1	A.Cu.	4	5
Renfrew	1010·6	+8	WSW	3	5	34	85	6	-	-	0	A.Cu.	1	*
Edinburgh (Inchkeith)	1007·7	+6	WSW	3	c+	36	75	7	800	St.	9	-	9	1
Leuchars	1007·2	+6	WSW	5	bc	37	75	7	2500	St.Cu.	3	-	3	*
Eskdalemuir	1009·8	+6	NW	4	b+	30	75	7	1500	St.	2	-	2	*
Tynemouth	1007·8	+6	W	2	b	31	92	6	800	St.	2	-	2	2
Blacksod Point ...	1016·5	+5	NW	4	c	46	65	7	*	Cu.Nb.	8	-	8	6
Donaghadee	1014·2	+12	WNW	1	b+	34	92	8	4000	Cu.Nb.	2	-	2	2
Birr Castle	1016·1	*	NW	2	c/r	39	92	6	1500	Nb.	8	-	8	*
Holyhead	1012·4	+9	NNW	5	bc+	41	85	8	1500	St.Cu.	7	-	7	5
Liverpool (Bidston)...	1011·4	+10	NW'N	4	b-	37	85	7	1500	Nb.	1	-	1	*
Chester (Sealand) ...	1010·4	+11	NNW	3	bc	35	92	7	4000	St.Cu.	3	-	3	*
Harrogate	1010·2	+8	SW	1	b	30	97	7	2500	St.	2	-	2	*
Spurn Head	1008·8	+5	SSW	2	bc	34	92	6	4000	St.	6	-	6	2
Birmingham (Edgbaston)	1010·2	+5	NW	3	os	34	92	4	800	Nb.	10	-	10	*
Cranwell	1008·8	+3	W'N	1	b+	32	97	6	800	St.	10	-	10	*
Gorleston	1009·1	+3	S'W	1	b+	32	92	6	-	-	0	A.Cu.	2	0
Valentia (Cahirciveen)‖	1022·1	+8	NW	5	c/pr	46	85	7	2500	St.Cu.	5	A.Cu.	8	6
Roches Point	1018·8	+8	NW	5	b	43	97	8	1500	St.Cu.	1	-	1	4
Pembroke (St. Ann's H.)	~~1015~~	+6	NW	4	bc+	41	85	8	2500	Cu.	6	A.St.	7	4
Ross-on-Wye	1011·1	+6	NW'W	4	bc	37	85	8	2500	Nb.	5	A.St.	7	*
Leafield	1009·0	+3	WNW	4	cr/r	35	92	8	4000	St.Cu.	9	-	9	*
Winchester (Worthy Dn.)	1010·6	+1	S	2	bc	35	85	7	2500	Cu.Nb	4	-	4	*
S. Farnborough ...	1009·7	+1	SW	3	bc	35	85	7	7200	St.Cu.	5	-	5	*
London (Kew Obsy.)...	1009·6	+1	SW	3	bc+	37	92	7	1500	St.Cu.	7	-	7	*
Croydon	1010·0	+1	SW	3	bc-	35	92	6	1500	St.Cu.	3	-	3	
Shoeburyness	1010·3	+1	SW	4	bc/r	36	97	7	1500	St.Cu.	4	-	4	*
Clacton-on-Sea ...	1009·3	0	SSW	3	bc	38	85	7	4000	St.Cu.	4	-	4	2
Felixstowe	1010·5	+2	SSW	4	cr	37	85	7	1500	Nb.	9	-	9	3
Lympne	1011·0	+1	SW	3	c/pr	35	85	6	1500	St.	8	-	8	*
Scilly (St. Mary's) ...	1016·1	+3	NW	7	bc	47	85	8	4000	Cu.	3	-	3	7
Falmouth (Pendennis)	1014·6	+3	WNW	6	c/PR	45	75	8	4000	Cu.Nb.	4	Ci.St.	8	4
Plymouth (Cattewater)	1014·9	+3	NW	4	c/pr	43	85	8	1500	Cu.Nb.	8	-	8	2
Portland Bill	1010·4	+1	W'S	5	5-	43	85	8	2500	Cu.Nb.	2	-	2	6
Southampton (Calshot)	1011·2	+1	W	4	c/pr	38	85	7	1500	St.	8	-	8	0
Dungeness	1010·3	0	WSW	5	c+	42	85	8	1500	Cu.Nb.	8	-	8	5
Guernsey (Fort George) ‖	1014·3	+1	W	7	c/r	41	92	7	800	Nb	~~(4)~~ 7	A.St.	9	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th January.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 25th to 9h. 26th	Temperature. Max. 9h. 25th-17h. 26th	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to Sunset. 26th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F	°F	mm.	mm.	hr.
Berwick-on-Tweed	c	c	35	42	0·6	-	0·5
Douglas (I. o. M.) ...	op	bc	37	44	1	3	0·4
Llandudno ...	cbcr	rcb	40	46	3	4	0·4
Colwyn Bay ...	orrc	corc	39	45	5	5	0·2
Rhyl...	bcrbc	oro	~~*38~~	45	7	1	1·3
Wallasey	cbccr	ircbc	37	44	5	1	0·7
Southport	bcco	oro	*36	43	3	2	0·5
Blackpool	co	ro	36	43	2	4	0·1
Ilkley	co	ro	32	43	4	3	0·9
Cleethorpes... ...	bc	b	36	45	0·4	-	4·6
Skegness	cbc	bcc	37	44	Trace	-	3·0
Aberystwyth ...	bccpr	prc	40	43	3	3	0·0
Bath	cbc	cir	39	48	·7	·2	1·2
Cheltenham‖ ...	cbc	bccorc	39	47	3	2	3·1
Leamington Spa ...	cb	cbod	39	49	3	1	2·6
Lowestoft	c	crc	38	44	0·3	Trace	0·0
Felixstowe	c	cpc	39	43	1	0·2	0·0
Harwich & Dovercourt	doc	doc	40	44	1	0·2	0·0
Southend	oc	oc	40	44	0·2	-	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cbcop	ocb	41	47	2	6	0·6
Bude	bcp	bcp	40	47	4	5	1·3
Penzance	cirh	cirb	44	47	4	3	1·0
Paignton	corh	abbc	40	50	3	3	1·5
Torquay	shpra	pc	40 ✓	50 u	2	4	1·5
Jersey	cra	cra	45	48	9	6	0·0
Weymouth	cpbp	pcb	44	48	1	7	0·4
Bournemouth ...	oro	cro	42	46	4	3	0·4
Ventnor ...	ro	ur	41	46	9	1	0·1
Portsmouth (S'thsea)	o	oRo	42	48	5	9	0·2
Bognor	o	o	40	46	5	-	0·0
Littlehampton ...	c	cbccr	43	46	5	0·1	0·0
Worthing	c	c	42	46	7	-	0·0
Brighton	o	o	42	48	6	-	0·0
Eastbourne‖... ...	oro	oroi	42	48	9	0·1	0·0
Hastings‖	oprdo	orop	42	47	7	·1	0·0
Folkestone	romir	oir	41	?	4	1	0·0
Dover	qcoird	qoidr	42	46	4	3	0·0
Tunbridge Wells ...	o	oro	39	45	3	1	0·0
Ramsgate	coid	ido	41	45	0·2	1	0·0
Margate	bccd	cd	42	45	Trace	0·6	0·0
Deal	odd	ori	40	45	1	2	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 I. ‡ See footnote page I.

† 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 24173. Saturday 28th January 1928.

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	1007·0	+2	NW	3	bc	42	92	8	4000	Cu	3	-	3	•
Stornoway	1014·1	+2	-	0	b	41	85	7	4000	Cu	2	-	2	•
Wick	1011·6	+2	WNW	2	bc	39	85	8	1500	CuNb	4	Ci St	6	•
Tiree	1017·0	+1	W'N	3	bc	44	75	9	2500	Cu	4	-	4	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1012·1	+6	WNW	5	b	40	85	8	2500	CuNb	1	-	1	2
Malin Head	1018·4	+3	WNW	3	b	45	85	8	-	-	0	A.Cu	2	•
Renfrew	1016·5	+4	WSW	3	b+	43	65	8	4000	Cu	1	-	1	2
Edinburgh (Inchkeith)	1014·2	+3	SW	4	bc	40	65	6	-	-	0	A.Cu	2	•
Leuchars	1013·7	+4	WNW	5	b	42	75	8	2500	Cu	1	-	1	2
Eskdalemuir	1015·8	+5	-	0	b	37	65	8	-	-	0	-	0	7
Tynemouth	1014·3	+5	W	3	b	41	65	6	800	St	2	-	2	•
Blacksod Point	1021·7	?	NW	3	c	47	75	7	*	CuNb	8	-	8	•
Donaghadee	1019·5	+4	WNW	3	b-	44	65	8	4000	CuNb	2	-	2	•
Birr Castle	1019·8	•	WNW	2	bc-	44	85	7	1500	Cu	1	Ci Cu	3	•
Holyhead	1019·5	+7	NW	4	b	44	75	8	2500	Cu	1	-	1	1
Liverpool (Bidston)	1018·7	+6	NW	4	b	41	75	7	1500	Cu	1	-	1	•
Chester (Sealand)	1018·1	+6	NW	5	b	43	75	8	2500	Cu	1	-	1	2
Harrogate	1016·0	+5	WSW	3	b	38	65	8	-	-	0	A.Cu	1	•
Spurn Head	1014·4	+4	NW	4	b	39	75	7	-	-	0	Ci	1	•
Birmingham (Edgbaston)	1017·6	+6	NNW	5	b	39	65	6	4000	Cu	1	-	1	7
Cranwell	1015·9	+6	NW'W	2	mmb	39	75	4	-	-	0	-	0	1
Gorleston	1014·4	+5	NW	2	c+	38	85	6	2500	Nb	8	-	8	•
Valentia (Cahirciveen)	1025·9	+3	W'N	4	bc	48	75	8	1500	St Cu	4	A.Cu	5	2
Roches Point	1024·3	+5	NNW	4	bc	48	85	8	1500	Cu	4	Ci Cu	6	•
Pembroke (St. Ann's H.)	1021·0	+4	NW	4	bc-	45	85	8	2500	Cu	6	-	6	•
Ross-on-Wye	1018·5	+5	NNW	3	bc	43	65	9	4000	St Cu	3	-	3	2
Leafield	1017·2	+8	NW'N	5	bc	38	85	7	4000	Cu	3	-	3	2
Winchester (Worthy Dn.)	1016·3	+7	NW'N	5	c	39	75	7	1500	St Cu	8	-	8	2
S. Farnborough	1016·1	+7	N'E	3	c	39	85	6	1500	St Cu	9	-	9	2
London (Kew Obsy.)	1016·2	+8	NNW	2	c	38	85	5	800	St	9	-	9	2
Croydon	1016·1	+8	NW	3	mo+	37	85	4	800	Nb	10	-	10	2
Shoeburyness	1014·7	+4	NW'N	4	c+	38	92	8	4000	St Cu	4	A.St	9	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1014·3	+5	NNW	2	bc+	40	85	8	2500	Cu	4	A.Cu	5	1
Lympne	1014·3	+5	NW'W	3	c+	39	85	6	1500	Cu	9	-	9	2
Scilly (St. Mary's)	1022·3	+2	NNW	6	bc	46	85	7	4000	Cu	4	-	4	•
Falmouth (Pendennis)	1022·2	+2	NNW	5	bc	45	65	8	4000	CuNb	2	A.Cu	4	•
Plymouth (Cattewater)	1020·4	+6	N	6	bc	44	55	8	1500	Cu	3	-	3	2
Portland Bill	1017·3	+6	WNW	5	b	44	55	8	2500	St Cu	1	-	1	•
Southampton (Calshot)	1017·1	+7	N'W	5	c+	40	75	7	2500	St Cu	8	-	8	1
Dungeness	1014·9	+4	NW	3	bc+	41	85	7	1500	Cu	4	Ci Cu	7	•
Guernsey (Fort George)	1018·0	+4	NW'W	6	bc	44	65	8	2500	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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1011·0	+2	NW	2	bc	37	97	8	4000	Cu	5	-	5	•
Stornoway	1014·3	0	-	0	c+	40	92	7	-	-	0	A.Cu	8	0
Wick	1013·1	+2	W	2	bc	35	97	8	1500	CuNb	3	Ci St	6	0
Tiree	1016·8	0	W	3	bc/bp	43	85	8	2500	CuNb	4	A.Cu	6	4
Nairn	1014·6	•	W	1	bc	36	85	8	4000	Cu	4	-	4	•
Aberdeen	1015·0	+3	WSW	3	b	38	75	7	4000	St Cu	1	-	1	0
Malin Head	1018·7	+1	W	3	bc/bp	43	92	7	4000	CuNb	3	A.Cu	4	5
Renfrew	1018·0	+3	WSW	3	b+	38	75	7	4000	St Cu	2	-	2	•
Edinburgh (Inchkeith)	1016·4	+3	WSW	2	b	39	75	7	-	-	0	-	0	1
Leuchars	1016·9	+3	W	4	b	38	65	8	-	-	0	-	0	1
Eskdalemuir	1019·1	+5	S'W	3	b	34	85	8	2500	Cu	1	-	1	•
Tynemouth	1017·9	+3	W	2	b	38	85	6	800	St	2	-	2	2
Blacksod Point	1019·7	+2	-	0	c	46	85	7	•	-	0	A.St	8	6
Donaghadee	1020·8	+2	WSW	2	bc+	39	75	7	2500	Cu	4	Ci	5	2
Birr Castle	1022·6	•	SW	1	c+	43	85	7	2500	St Cu	4	Ci St	9	•
Holyhead	1022·7	+4	W'S	3	b+	41	75	7	2500	Cu	1	A.Cu	2	3
Liverpool (Bidston)	1021·9	+3	WNW	4	b	40	85	7	4000	St Cu	1	-	1	•
Chester (Sealand)	1021·5	+4	WNW	3	b	37	85	6	-	-	0	-	0	•
Harrogate	1020·1	+5	SW	3	b	35	85	7	-	-	0	-	0	•
Spurn Head	1018·7	+5	W'N	4	mb	39	85	4	-	-	0	-	0	0
Birmingham (Edgbaston)	1022·2	+5	WNW	3	mb+	38	85	4	-	-	0	-	0	•
Cranwell	1020·8	+5	W	3	b	35	85	5	-	-	0	-	0	•
Gorleston	1019·4	+5	WNW	2	b	37	92	5	-	-	0	-	0	0
Valentia (Cahirciveen)	1025·3	-1	WSW	2	c	46	85	8	2500	St	7	A.St	10	6
Roches Point	1025·4	+3	NW	2	c	46	85	8	2500	St Cu	8	-	8	1
Pembroke (St. Ann's H.)	1023·9	+2	WNW	3	bc	43	85	8	2500	St	4	-	4	4
Ross-on-Wye	1022·8	+4	W'S	2	b	38	75	8	-	-	0	-	0	•
Leafield	1022·4	+9	WNW	3	b	34	85	8	-	-	0	-	0	•
Winchester (Worthy Dn.)	1022·5	+6	W'N	3	b	35	85	7	-	-	0	-	0	•
S. Farnborough	1021·9	+7	NW	1	b	35	85	6	-	-	0	-	0	•
London (Kew Obsy.)	1022·0	+8	-	0	ff b	37	85	3	-	-	0	-	0	•
Croydon	1021·7	+7	WNW	1	fb-	35	85	4	-	-	0	-	0	•
Shoeburyness	1021·5	+6	-	0	b/m	34	97	5	-	-	0	-	0	•
Clacton-on-Sea	1020·4	+7	W	2	bc	36	92	6	4000	St Cu	3	-	3	•
Felixstowe	1021·1	+7	WNW	1	b	36	85	7	-	-	0	A.Cu	1	0
Lympne	1021·0	+5	NW	3	b-	34	97	7	2500	St Cu	2	-	2	•
Scilly (St. Mary's)	1025·8	+4	NW'N	3	bc	45	85	8	4000	Cu	5	-	5	4
Falmouth (Pendennis)	1025·9	+2	NNW	2	b	42	75	8	4000	Cu	1	-	1	1
Plymouth (Cattewater)	1024·7	+5	NNW	3	b-	42	75	6	2500	Cu	1	Ci	1	1
Portland Bill	1022·3	+8	NW	4	b	44	55	8	2500	St Cu	1	-	1	2
Southampton (Calshot)	1022·9	+7	NW	4	b	38	75	7	-	-	0	-	0	0
Dungeness	1021·7	+9	NNW	2	b-	36	92	7	-	-	0	-	0	2
Guernsey (Fort George)	1024·4	+5	NNW	3	bc	42	65	8	2500	Cu	7	-	7	5

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	cmc	hcmbf	bmxcgx	40	29	21	0·5	Tr.	0·0	•	•	5
Croydon } 24 hours ended 7h.	244	bcgn	cmbfm	bmx	39	29	19	0·5	-	0·0	•	•	5
Greenwich (Royal Obsy.)	149	c	cbm	bmxc	39	29	21	-	Tr.	0·0	81	84	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0·2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	40	31	23	-	-	0·1	72	81	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0·6	•	•	•
Camden Square	110	c	f	•	40	31	23	Trace			•	89	•
Kensington Palace	80	O	O	•	40	30	-	-	0·2	•	(At 18h. 81)	81	•
Hampstead Observatory	450	•	•	•	38	27	13	-	Tr.	0·7	•	88	•

ATMOSPHERIC POLLUTION.

Milligrams of Solid Impurity per cubic metre.

24 HR. ended 7h. G.M.T. 28th

	Max.	Time.	Min.	Time.
South Kensington	1·3	22h. 27th	0·3	23-4h. 28th.
Kew Observatory	1·0	18h. 27th	0·3	11h. 27th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 17 h. 45 m. to 28th 06 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12·45	12·12	96
δ Ursae Minoris	12·45	11·18	89

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 and 28th January, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·46 / 7·44	12·06 / 12·06	16·27 / 16·29
Greenwich	7·48 / 7·47	12·13 / 12·13	16·38 / 16·40
Wick	8·32 / 8·30	12·25 / 12·26	16·19 / 16·22
Valentia	8·31 / 8·29	12·54 / 12·54	17·17 / 17·19

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 } 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.

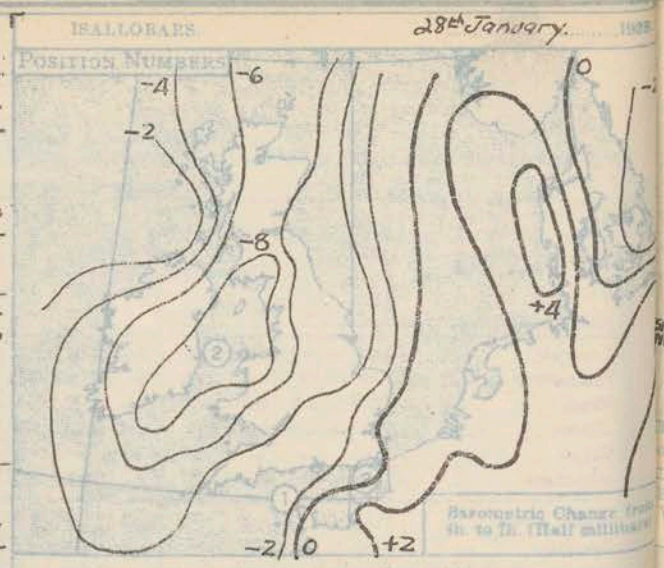
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

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

SUMMARIES 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. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 27th. Hours.
Lerwick	cprbc	bc	c ⊔	bbcc	42	34	•	0.3	11.00	–	–	3.8
Stornoway	s-sr	c	r-d	r-d	41	37	•	Trace	*	5	*	5.1
Wick	bbc	prbc	prsbc	orr	41	34	•	0.3	16.30	2	<21.00	•
Tiree	bc	bcpr	odd	ddo	44	40	34	0.1	16.30	7	<21.00	4.9
Nairn	bc	bc	bcxc	cpr	42	33	•	–	–	1	3.30	3.5
Aberdeen	cprsbcq	b	bm	bccoir	41	34	28	0.3	9.00	0.2	5.30	6.3
Malin Head	bcb	bbccpr	bccorr	orrpmm	45	40	•	0.1	14.30	2	22.00	3.4
Renfrew	b	b	bcc	cord	44	38	33	–	–	1	3.30	6.6
Edinburgh (Inchkeith)	bcbim	cmb	bbc	bcc	43	38	33	–	–	0.6	2.30	7.1
Leuchars	bcb	b	bbc	bccrc	43	32	31	–	–	1	4.30	7.2
Eskdalemuir	bxb	b	cpspm	orrddm	38	31	26	–	–	2	<21.00	6.9
Tynemouth	bbc	b	bm	boir	43	31	28	–	–	0.1	5.30	•
Blacksod Point ...	c	c	d d	d d	50	43	•	Trace	*	7	*	•
Donaghadee	prbc	bbc	oir	orr	44	35	•	0.2	11.00	3	24.00	•
Birr Castle	cbc	bcc	orr	orrm	47	39	31	–	–	5	22.00	4.1
Holyhead	bcb	b	bco	orr	45	41	37	–	–	2	3.30	7.5
Liverpool (Bidston) ...	bbc	bbcbc	bc	bccod	42	35	30	–	–	0.1	3.30	7.3
Chester (Sealand) ...	b	b	bmx	bxm	44	31	24	–	–	0.1	4.30	7.4
Harrogate	b	b	b	bccir	40	33	27	–	–	0.1	4.30	7.0
Spurn Head	b	b	bmbzx	bzxcx	40	34	•	–	–	–	–	6.5
Birmingham (Edgbaston)	sbcb	bm	mb	bod	41	32	29	1	<8.00	Trace	6.30	5.7
Cranwell	bcbm	bbc	bbc	bx,c	40	31	28	–	–	–	–	6.0
Gorleston	bxbcpr	cbcm	bxm,m	bbcxm	41	30	27	0.2	<8.00	–	–	2.6
Valentia (Cahirciveen)	cprbc	bcpc	amidr	or	48	46	44	1	<8.00	13	<21.00	1.9
Roches Point	bbc	bcc	cor	orr	49	44	•	–	–	3	22.00	•
Pembroke (St. Ann's H.)	bc	bc	bbc	crrq	45	42	•	–	–	1	1.30	7.9
Ross-on-Wye	bcbbcv	bcvbx	b	bccf	43	33	23	–	–	0.3	6.30	7.0
Leafield	rosbc	bcbw	bx	bccx	39	29	25	0.2	<8.00	–	–	5.0
Winchester (Worthy Dn.)	cprsnc	bcb	bx	bxbcmx	41	26	19	0.2	<8.00	–	–	3.8
S. Farnborough ...	cir	cbm	bmxf	fbxcx	40	26	20	Trace	<8.00	–	–	1.8
London (Kew Obsy.) ...	cmr	bcmbf	bmx	bmxcmx	40	29	21	0.5	11.00	Trace	–	0.0
Croydon	bcrom	cmbfm	bmx	bmx	39	29	19	0.5	9.00	–	–	0.0
Shoeburyness	bcc	cm	bbc	bcx	41	30	20	–	–	–	–	2.0
Clacton-on-Sea ...	bccbc	bccbc	bcbmx	bmbcx	40	30	24	–	–	–	–	2.9
Felixstowe	crbc	bcb	b	bbcmx	41	32	28	1	<8.00	–	–	3.6
Lympne	bccm	cmbc	bmm	bmmbcmx	41	26	18	Trace	<8.00	–	–	2.8
Scilly (St. Mary's) ...	bcp	bc	c	cir	47	44	•	1	9.00	0.2	2.30	5.7
Falmouth (Pendennis)	cprqbc	bcqb	bbc	bccrq	46	39	•	1	<8.00	Trace	5.30	7.3
Plymouth (Cattewater)	cprbqy	bcbqy	bz	bwxcd	46	34	27	2	<8.00	0.1	4.30	7.9
Portland Bill	b	b	b	bcc	45	40	•	–	–	–	–	•
Southampton (Calshot)	bccprq	cbcby	bx	bxc	43	29	19	Trace	11.00	–	–	5.4
Dungeness	cbc	bcbcb	bmffx	bfmxbc	43	29	•	–	–	–	–	•
Guernsey	crrRbq	bc	bzbw	bbc	44	39	•	2	<8.00	–	–	6.1

bxorm



Observations from Cross Channel Steamers.

Position	Date and Time	Steamship.	Wind. Diren.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	27th 10h	Calais	NW	4	b-	41	45
3	28th 2h	Arundel	SW	6	c/r	48	48

GENERAL INFERENCE.

Depressions are moving eastwards across Iceland and secondaries to them north-eastwards across the British Isles. Winds will be south-westerly and weather cloudy, rainy and mild. Occasional bright periods are probable tomorrow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 28th January, 1928.	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		
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		
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		

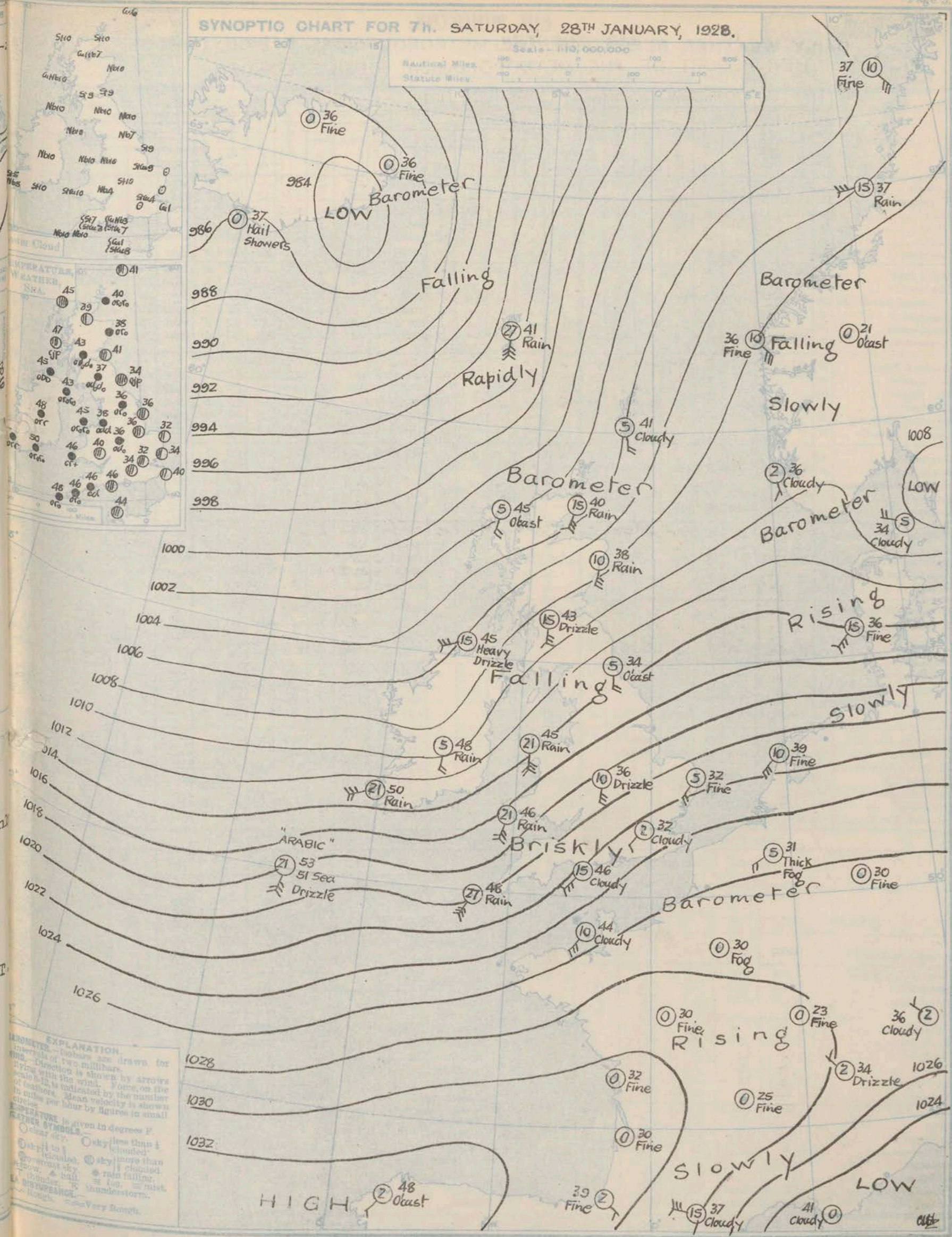
ALL DISTRICTS.

Southwesterly winds, moderate to strong, stronger at times locally; rain in most places at first, occasional fair intervals later; mild.

Changeable weather but mainly mild.

South Cone hoisted at 15h. 40m. G.M.T. yesterday.

250/1820. m. 105. D.16/15. 13540. 1/28 † For code see page 3. +Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. SATURDAY, 28TH JANUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
984
Barometer
Falling
Rapidly
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
Barometer
Falling
Slowly
Barometer
Rising
Slowly
Briskly
Barometer
Rising
Slowly
HIGH
LOW
1008
"ARABIC"
0 36 Fine
0 36 Fine
0 37 Hail Showers
37 10 Fine
15 37 Rain
27 41 Rain
36 10 Fine
0 21 O'cast
5 41 Cloudy
2 36 Cloudy
5 45 O'cast
15 40 Rain
34 5 Cloudy
10 38 Rain
15 43 Drizzle
15 45 Heavy Drizzle
15 36 Fine
5 34 O'cast
5 48 Rain
21 45 Rain
10 39 Fine
10 36 Drizzle
5 32 Fine
21 50 Rain
21 46 Rain
2 32 Cloudy
21 53 51 Sea Drizzle
5 31 Thick Fog
15 46 Cloudy
0 30 Fine
27 48 Rain
10 44 Cloudy
0 30 Fog
0 30 Fine
0 23 Fine
36 2 Cloudy
2 34 Drizzle
0 32 Fine
0 25 Fine
0 30 Fine
2 48 O'cast
39 2 Fine
15 37 Cloudy
41 0 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 circles.
TEMPERATURE is given in degrees F.
WEATHER SYMBOLS.—
clear sky. sky less than ½ clouded.
sky ½ to ¾ clouded. sky more than ½ clouded.
overcast sky. rain falling.
snow. hail. fog. mist.
thunder. thunderstorm.
TRANSPARENCE.—
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Saturday, 28th January, 1928. No. 28

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 28th: 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. 28th: 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	1010·5	-2	—	0	b	35	97	8	4000	Cu.	2	-	2	1004·3	-7	SE	2	c	41	97	8	4000	Cu.	6	A.St.	9	•
Stornoway	30	1009·0	-5	SW	6	orr	•	•	5	•	•	•	•	•	1001·0	-5	SSW	2	o/r	45	97	7	2600	St.	10	-	10	1
Wick	81	1011·8	-3	W	2	bc	36	85	8	1500	Cu.Nb.	4	Cu.St.	6	1003·3	-7	SSW	4	o/r	40	97	7	1500	St.	10	-	10	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1004·7	-2	WNW	3	c/p	47	97	6	1500	Cu.Nb.	10	-	10	3
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·0	•	W	1	bc/r	39	85	7	4000	Cu.Nb.	7	-	7	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·3	-7	SSW	3	o/r	38	92	7	1500	Nb.	10	-	10	0
Malin Head	51	1012·1	-8	S	4	o/r	41	97	6	4000	Nb.	10	-	10	1006·3	-2	WSW	4	ODD	45	97	5	2500	Nb.	10	-	10	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·7	-7	S	4	cd	43	92	6	1500	St.	9	A.St.	10	•
Edinburgh (Inchkeith)	190	1014·8	-2	WSW	2	bc+	39	85	8	1600	St.	4	A.Cu.	7	1008·1	-7	SW	2	c	41	85	8	800	St.	9	-	9	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·6	-5	S	2	c	39	92	7	2500	St.Cu.	6	A.St.	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1011·0	-9	SSW	5	od	37	92	5	800	Nb.	10	-	10	•
Tynemouth	67	1018·0	-1	W	2	b	37	85	6	—	—	0	-	0	1013·2	-4	S	2	o/p	34	92	6	1500	Nb.	10	-	10	2
Blacksod Point ...	18	1012·4	-13	SW	5	od+	49	92	4	•	Nb	10	-	10	1009·4	-3	W	4	odd	49	92	5	•	Nb	10	-	10	5
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1010·0	-8	SW	3	o/r	43	97	6	1600	Nb.	10	-	10	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·7	•	SSW	2	orr	48	97	6	1500	Nb.	10	-	10	•
Holyhead	26	1019·8	-4	SW	3	0	44	85	7	2500	St.	10	-	10	1012·8	-9	S	5	o/r	45	97	6	800	Nb.	10	-	10	4
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·3	-6	SSE	4	odd	38	92	6	1500	Nb.	10	-	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·4	-8	SSE	3	od	39	92	6	2500	Nb.	10	-	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·6	-5	S	2	c/r	36	92	5	2500	Nb.	7	A.St.	10	•
Spurn Head	29	1020·2	0	WSW	3	b-	35	92	5	-	-	0	-	0	1016·9	-4	SW	4	c+	36	92	5	1500	St.	9	Ci.	10	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·1	-5	SSW	3	od	36	85	6	1600	St.	10	-	10	•
Cranwell	236	1022·4	0	SW'S	3	b	32	92	7	-	-	0	-	0	1019·3	-5	SW	4	c+	36	85	7	4000	St.Cu.	9	-	9	•
Gorleston	14	1022·3	+2	WSW	2	b	31	92	5	-	-	0	-	0	1021·8	-1	SW'S	2	bc	32	92	5	-	-	0	A.Cu.	6	0
Valentia (Cahirciveen) P	30	1017·5	-5	S	3	orr	44	97	5	*	St.	10	-	10	1013·2	-4	WSW	5	orr	50	97	7	800	St.	10	-	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·8	-8	SW	2	o/r	50	97	7	800	St.	10	-	10	1
Pembroke (St. Ann's H.)	150	1022·7	-2	W	3	c+	46	92	7	2500	St.Cu.	10	-	10	1016·0	-6	SSW	5	cr+	46	97	7	2500	St.Cu.	10	-	10	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·0	-4	SW'S	3	c/r	40	85	7	2500	Nb.	4	A.St.	10	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	1020·3	-3	SSE	3	c	32	97	7	4000	St.Cu.	5	A.St.	9	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·1	-2	SE'S	2	c+	32	97	5	-	-	0	A.St.	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·6	-2	S	3	c	34	92	6	-	-	0	A.St.	9	•
London (Kew Obsy.) ...	18	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·2	-2	SW	1	c+	32	97	5	2500	St.Cu.	4	A.Cu.	8	•
Croydon	244	1024·6	+2	WSW	1	b	32	92	6	-	-	0	-	0	1023·2	-1	SSW	3	bc+	33	97	6	5700	St.	4	-	4	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·1	+1	SW	3	bc	34	97	7	7200	St.Cu.	7	-	7	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·6	-1	WNW	3	bc	34	85	7	-	-	0	A.St.	3	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·1	0	S'W	3	fbc-	34	97	4	-	-	0	Ci.Cu.	3	3
Lympne	350	1024·2	+2	NW	3	(mmb)	31	92	4	-	-	0	-	0	1023·7	-2	SW	3	bc	32	85	6	-	-	0	A.Cu.	6	•
Scilly (St. Mary's) ...	163	1024·8	-3	W	4	c	46	85	7	4000	St.Cu.	10	-	10	1019·7	-5	SW'S	6	o/r	48	97	7	4000	Nb.	10	-	10	5
Falmouth (Pendennis)	200	1025·8	-1	SW'W	3	bc+	42	85	7	4000	St.Cu.	5	-	5	1021·0	-2	SW'S	6	o/r	46	85	7	2500	Nb.	10	-	10	
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·7	-3	SW	5	cd	46	92	8	2500	St.	10	-	1	2
Portland Bill	32	1024·6	+1	W	2	b+	42	75	8	2500	St.Cu.	2	-	2	1021·8	-2	SW	4	c	46	75	8	2500	St.Cu.	10	-	2	0
Southampton (Calshot)	10	1025·5	+1	W'N	2	b	30	92	7	-	-	0	-	0	1022·9	-3	S'W	3	c	40	92	7	-	-	0	A.Cu.	9	2
Dungeness	20	1024·6	+4	NNE	1	fbc+	31	85	3	220	St.	7	-	7	1024·4	-1	SW	3	bc/f	40	92	6	1500	Cu.	2	Ci.	5	3
Guernsey (Fort George) P	295	1026·8	+2	—	0	b-	38	85	8	—	-	0	-	0	1025·1	-2	SW	3	c+	44	85	8	2500	St.Cu.	9	-	9	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 27th January 1928.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 26th to 9h. 27th °F	Temperature. Max. 9h. -17h. 27th °F	Rainfall.† Night 17h.-9h. 26th-27th mm.	Rainfall.† Day 9h.-17h. 27th mm.	Sunshine. Sunrise to Sunset. 27th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	cbc	bc	32	43	-	-	6.0
Douglas (I. o. M.) ...	xb	bx	39	44	1	-	1.2
Llandudno ...	cbbc	bcb	35	45	4	-	2.5
Colwyn Bay ...	corc	cb	35	45	5	-	2.3
Rhyl	bcc	bc	33	44	3	-	5.3
Wallasey	b	b	34	44	-	-	2.0
Southport	b	b	*33	42	2	-	1.5
Blackpool	b	bc	34	43	-	-	1.3
Ilkley	b	b	28	42	-	-	0.0
Cleethorpes	b	b	29	40	-	-	0.0
Skegness	bcb	b	31	42	0.6	-	5.5
Aberystwyth ...	rc	bc	35	44	5	-	5.0
Bath	bcb	b	33	45	0.3	-	6.4
Cheltenham‖ ...	cor	bcb	33	43	-	-	5.9
Leamington Spa ...	b	bcm	31	42	-	-	5.4
Lowestoft	cbsc	cbcb	31	40	2	trace	2.7
Felixstowe	bbc	bm	33	41	2	-	3.9
Harwich & Dovercourt	rsbc	bcbm	32	40	3	-	3.3
Southend	coce	ocbm	34	39	-	trace	1.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	b	40	46	0.4	-	6.9
Bude	bbc	bcb	41	45	3	-	2.6
Penzance	b	b	40	48	3	-	1.7
Paignton	b	b	35	46	3	-	8.1
Torquay	b	b	37	47	3	-	2.2
Jersey	rbc	bc	37	47	4	0.1	8.0
Weymouth	b	b	38	45	0.1	-	5.9
Bournemouth ...	b	b	33	44	-	-	7.6
Ventnor ...	r	b	35	42	2	-	3.3
Portsmouth (S'thsea)	bcc	cbcb	37	42	1	-	4.1
Bognor	bcbcc	cbcbc	36	42	3	-	3.8
Littlehampton ...	bbc	bc	34	41	2	-	1.2
Worthing	bbcc	cbc	33	41	4	-	1.6
Brighton	bbcco	ocbcb	36	44	6	-	2.4
Eastbourne‖	bcbbc	obm	36	42	5	-	
Hastings‖	bcb	bcc	34	42	12	-	2.9
Folkestone	bc	mc	33	42	4	-	3.3
Dover	bbc	bcbm	35	43	3	-	3.3
Tunbridge Wells ...	bbcob	obm	31	39	4	trace	1.4
Ramsgate	bbc	bcm	34	45	3	-	3.0
Margate	bc	c	33	43	3	-	3.6
Deal	b	bbcc	33	42	5	-	3.7

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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. ‡ 21h.-6h.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24174 Sunday, 29th January 1928.

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	999·5	-11	SE	2	oroTo	41	97	7	4000	Nb	10	-	10	•
Stornoway	998·6	-4	SW	2	bc-	46	85	7	4000	CuNb	7	-	7	•
Wick	1000·0	-3	SW	3	c	42	92	8	1500	StCu	5	C:St	8	•
Tiree	1003·1	-2	W'S	4	bc	43	92	8	1500	CuNb	2	ACu	5	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1001·3	-5	SW	1	o/r	41	92	4	2500	Nb	10	-	10	2
Malin Head	1004·9	-2	W	5	bc/pc	44	92	8	4000	CuNb	5	ACu	6	•
Renfrew	1004·1	-3	SW	2	oroTo	44	97	4	800	St	10	-	10	2
Edinburgh (Inchkeith)	1002·2	-6	W	1	oroTo	41	97	6	450	Nb	10	-	10	•
Leuchars	1002·5	-7	WSW	2	croTo	41	97	6	800	Nb	8	ASt	10	2
Eskdalemuir	1004·2	-6	SW'W	3	oroTo	41	92	6	800	St	10	-	10	2
Tynemouth	1005·9	-8	SW	2	orr	39	97	4	1500	Nb	10	-	10	•
Blacksod Point	1007·9	-1	W	3	bc	50	85	8	•	CuNb	6	-	6	•
Donaghadee	1007·1	-2	WSW	1	bc-	45	92	8	4000	StCu	7	-	7	•
Birr Castle	1008·9	•	SW	3	bc-	48	85	7	2500	Cu	3	C:Cu	7	•
Holyhead	1007·4	-3	NW'W	5	c/r	46	97	6	800	Nb	1	ASt	9	2
Liverpool (Bidston)	1006·3	-8	SW'S	4	crr	45	97	7	2500	Nb	10	-	10	•
Chester (Sealand)	1006·5	-10	S	4	crr	46	92	6	1500	Nb	5	ASt	10	2
Harrogate	1006·9	-8	S	3	crr	41	92	5	2500	Nb	9	ASt	10	•
Spurn Head	1008·6	-12	SW	6	oro+	39	97	6	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	1010·3	-10	~~SW~~ SSW	5	orr	42	97	5	1500	Nb	10	-	10	2
Cranwell	1011·7	-11	S'W	5	crr	40	97	6	1500	Nb	8	ASt	10	1
Gorleston	1016·6	-4	SSW	4	cr	41	85	6	-	-	0	ASt	10	•
Valentia (Cahirciveen)	1012·5	-4	W'N	2	bc	49	85	8	800	StCu	4	ACu	6	2
Roches Point	1011·9	-1	W'N	2	c	49	85	8	1500	StCu	5	C:Cu	8	•
Pembroke (St. Ann's H.)	1010·8	-4	W	4	orr	48	97	6	800	Nb	10	-	10	•
Ross-on-Wye	1010·3	-9	SW'S	5	oroTo	46	92	7	2500	Nb	10	-	10	2
Leafield	1012·7	-9	S	5	orr	41	97	6	450	Nb	10	-	10	2
Winchester (Worthy Dn.)	1015·8	-9	S	5	orr	43	97	6	220	Nb	10	-	10	2
S. Farnborough	1016·1	-8	S	4	orr	43	92	6	800	Nb	10	-	10	2
London (Kew Obsy.)	1016·2	-10	SSW	4	crr	42	92	6	800	Nb	9	ASt	10	2
Croydon	1016·6	-9	SSW	4	croTo	41	97	6	800	Nb	8	ASt	10	2
Shoeburyness	1017·7	-4	SSW	5	croTo	42	97	7	1500	St	3	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1018·2	-6	S	6	crr	42	85	6	2500	St	5	ASt	10	1
Lympne	1018·6	-8	SSW	6	cr	42	85	7	2500	StCu	9	-	9	2
Scilly (St. Mary's)	1014·2	-5	WSW	5	odd	50	97	6	2500	Nb	10	-	10	•
Falmouth (Pendennis)	1014·1	-5	WSW	6	orr	50	97	5	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1013·8	-10	SW	6	orr	48	97	6	220	Nb	10	-	10	2
Portland Bill	1014·3	-10	SSW	6	oroTo	47	92	6	1500	Nb	10	-	10	•
Southampton (Calshot)	1016·9	-8	SSW	6	orr	45	92	6	800	Nb	10	-	10	2
Dungeness	1018·3	-5	SW	6	c	44	75	8	800	St	6	ASt	10	•
Guernsey (Fort George)	1019·6	-7	SSW	6	odod	44	97	6	800	St	8	ASt	10	•

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	994·8	-1	-	0	cjp	44	97	7	4000	CuNb	4	ASt	10	•
Stornoway	998·0	+2	NW	2	b	39	85	7	4000	Cu	2	-	2	1
Wick	998·5	+1	SW	3	c	40	85	8	1500	StCu	8	-	8	0
Tiree	1002·5	0	W	4	b	42	75	8	-	-	0	-	0	2
Nairn	999·4	•	W	1	bc-	37	85	8	4000	Cu	3	-	3	•
Aberdeen	1000·5	-1	SW	1	c	41	85	7	2500	StCu	5	ACu	8	0
Malin Head	1003·9	-2	S	1	b	41	92	7	5700	StCu	1	ACu	1	1
Renfrew	1003·6	0	WNW	4	bc/pc	42	85	8	2500	CuNb	3	-	3	•
Edinburgh (Inchkeith)	1001·7	-2	WSW	3	b/m	43	92	7	800	St	1	-	1	1
Leuchars	1001·6	-1	W	3	b-	38	97	7	4000	StCu	1	-	1	•
Eskdalemuir	1004·0	0	W'N	4	b-	40	75	8	2500	Cu	1	-	1	•
Tynemouth	1003·0	-2	W	2	c/r	42	97	6	1500	Nb	8	-	8	1
Blacksod Point	1003·9	-1	W	3	b	45	85	7	•	Cu	2	-	2	5
Donaghadee	1007·1	+1	SW'S	2	b-	41	85	7	4000	Cu	1	-	1	2
Birr Castle	1007·2	•	S	1	bc	40	92	7	2500	Cu	2	C:St	7	•
Holyhead	1008·0	0	SW'W	2	b-	45	92	6	-	-	0	C:St	2	3
Liverpool (Bidston)	1008·1	+1	W	4	bc/r	44	92	6	4000	St	6	-	6	•
Chester (Sealand)	1007·7	+2	WNW	3	c	46	85	7	-	-	0	ASt	8	•
Harrogate	1006·0	+1	WSW	3	c	43	92	7	-	-	0	ASt	9	•
Spurn Head	1004·9	-1	WSW	5	c	44	97	6	4000	Nb	8	-	8	3
Birmingham (Edgbaston)	1009·1	0	W	2	c	45	97	5	1500	Nb	~~10~~ 9	-	~~10~~ 9	•
Cranwell	1007·8	-2	SW'W	4	o/r	45	97	6	800	St	10	-	10	•
Gorleston	1010·0	-7	S'W	6	oroTo	41	92	6	800	Nb	10	-	10	5
Valentia (Cahirciveen)	1008·3	-5	S'W	3	c	47	92	8	1500	St	6	ASt	9	4
Roches Point	1009·8	-3	SW	3	bc	47	97	8	1500	St	3	C:Cu	5	1
Pembroke (St. Ann's H.)	1009·8	0	W	1	c	46	97	7	-	-	0	ASt	8	3
Ross-on-Wye	1009·5	0	W'S	1	c	45	85	8	2500	StCu	2	ASt	10	•
Leafield	1009·7	-1	SW'W	2	c	45	97	7	2500	Nb	5	ASt	10	•
Winchester (Worthy Dn.)	1010·6	-3	S	4	orr	45	97	6	450	Nb	10	-	10	•
S. Farnborough	1011·0	-5	S'W	5	orr	45	97	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1011·0	-5	SSW	5	crr	44	97	6	800	Nb	9	ASt	10	•
Croydon	1011·6	-4	SSW	5	oroTo	43	97	7	800	Nb	10	-	10	•
Shoeburyness	1011·9	-6	SSW	6	crr	43	97	7	1500	Nb	7	ASt	10	•
Clacton-on-Sea	1012·0	-5	SSW	5	orr	42	92	6	4000	St	10	-	10	3
Felixstowe	1011·7	-7	S	6	oRR	41	92	7	800	Nb	10	-	10	6
Lympne	1014·0	-4	S	6	orr	40	97	6	450	Nb	10	-	10	•
Scilly (St. Mary's)	1011·8	-3	NW	1	o/f	48	97	6	2500	St	9	-	9	1
Falmouth (Pendennis)	1011·5	-2	W'N	2	od	49	97	6	2500	Nb	10	-	10	0
Plymouth (Cattewater)	1011·3	-2	SW	3	o	47	97	6	450	Nb	10	-	10	2
Portland Bill	1010·5	-2	SW'S	6	orr	48	97	5	800	Nb	10	-	10	7
Southampton (Calshot)	1011·7	-5	SW	6	orr	46	97	6	800	Nb	10	-	10	6
Dungeness	1012·8	-9	SW	6	oRR	43	92	7	800	Nb	10	-	10	6
Guernsey (Fort George)	1014·9	-3	SSW	5	or	46	97	6	800	Nb	8	ASt	10	6

London Observations

London Observations	Heights 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. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew (24 hours ended 7h.)	18	cm, xc	crrm	orrc	44	44	43	5	2	0·0	•	•	
Croydon (24 hours ended 7h.)	244	cm, c	cporr	ro irod	43	43	42	5	4	0·0	•	•	
Greenwich (Royal Obsy.)	149	cr, r	crr	crodd	45	42	40	5	1	0·0	93	93	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0·0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	45 (~~44~~)	43	35	†		0·0	91	93	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0·0	•	•	•
Camden Square	110	cor	or	•	44	42	41	7	2	•	•	94	•
Kensington Palace	80	or	or	•	43	43	-	6	3	•	(At 18h) 91	91	•
Hampstead Observatory	450	•	•	•	45	39	35	11	1	0·0	•	95	•

Atmospheric Pollution.

Milligrams of Solid Impurity per cubic metre.

24 Hr. ended 7h. G.M.T. 29th

South Kensington

Max.	Time.	Min.	Time.
0.6	10h 28m	<0.3	3h 29m

Kew Observatory

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

Pole Star Record at Greenwich Obsy.

Exposure from 28th 18 h. 0 m. to 29th 6 h. 30 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12 30	0 30	4
δ Ursae Minoris	12 30	0 41	4

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 January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·44	12·06	16·29
	7·43	12·06	16·31
Greenwich	7·47	12·13	16·40
	7·45	12·13	16·42
Wick	8·30	12·26	16·22
	8·28	12·26	16·24
Valentia	8·29	12·54	17·19
	8·28	12·54	17·21

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.

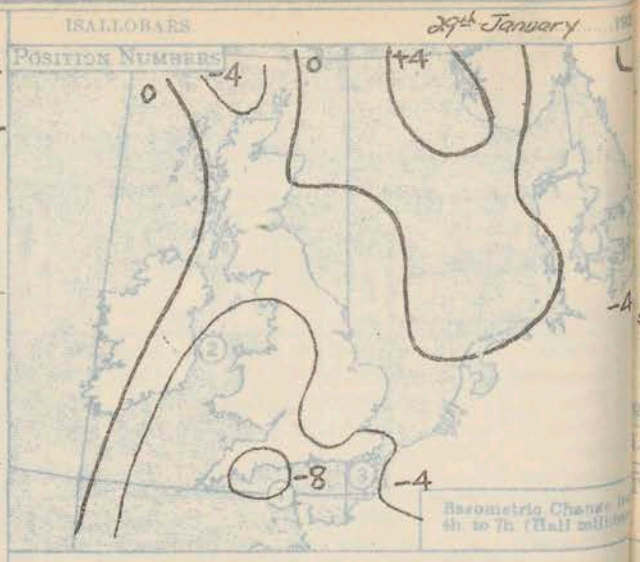
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

† 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 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 28th	13h.-18h. 28th	18h. 28th to 1h. 29th	1h.-7h. 29th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 28th. Hours.
Lerwick	cor.r	or.c	bcb	bbc	44	39	•	~~3~~ ~~0.4~~	~~12.30~~ 9.00	–	–	0.0
Stornoway	o	bepb	b-bc	bepb	47	36	•	0.3	*	Trace	*	1.4
Wick	or.rc	c	b-bc	b-bc	43	34	•	0.3	18.00	–	–	•
Tiree	cbc	prhbc	bc	cor.	48	34	28	1.7	13.30	2	4 30	2.6
Nairn	bcc	cprbc	bcx	bc	45	32	•	0.2	15.30	–	–	0.9
Aberdeen	orm.m	cr.mc	b	b-bc	42	34	27	0.2	18.00	–	–	0.0
Malin Head	dbcir	bcz	bbce	bccir	47	37	•	1	18.00	2	2 30	3.8
Renfrew	orrm.	cprbc	bcbox	bcbx	46	30	24	5	18.00	Trace	21.00	0.2
Edinburgh (Inchkeith)	cr.r.	im.bcb	b	bbc	45	37	31	3	18.00	–	–	0.0
Leuchars	cd.r.r.	r.cbc	bbx	bbcx	43	31	23	2	9.00	–	–	0.0
Eskdalemuir	orrm.	or.cp.b	bbw	bwofw	43	32	30	14	18.00	Trace	–	0.0
Tynemouth	orrm	orrff	cbcm.	bc	43	35	30	9	18.00	–	–	•
Blacksod Point ...	c	(cb)	bq.c	po	48	40	•	0.4	*	4	*	•
Donaghadee	RRc	bcb	b'bc	prbc	49	37	•	10	18.00	0.2	2 30	•
Birr Castle	orr bc	bc	bbc	or.r.	50	38	28	3	18.00	0.3	3 30	4.5
Holyhead	r.r.rr	cbc	bmom	cmc	47	40	36	13	18.00	–	–	0.3
Liverpool (Bidston) ...	or.rr	crbc	bcbbe	ofem	47	35	33	11	18.00	Trace	21.00	0.0
Chester (Sealand) ...	rrrrq	T.T.c	bcbmm	bmfife	49	31	25	4	18.00	0.1	4 30	0.0
Harrogate	corr	corrc	cb	boFF	43	30	27	8	18.00	–	–	0.0
Spurn Head	c	p	cbcz	efeffo	44	35	•	2	12.30	0.2	21.00	0.0
Birmingham (Edgbaston)	orr	orc	cod.	od.r	45	35	33	6	18.00	2	24.00	0.0
Cranwell	c.r.r	rrirc	b-bc	boFe	45	30	29	4	9.00	0.2	–	0.0
Gorleston	bccq	cor.rq	or.rom	omfcid	41	40	39	2	12.30	2	21.00	1.9
Valentia (Cahirciveen)	orcbc	bcc.o	cor.	or.	51	39	39	2	18.00	8	24.00	4.3
Roches Point	or.c	cbcw	bcfomcw	c	51	42	•	1	18.00	Trace	–	•
Pembroke (St. Ann's H.)	orrff	rc	fge	oifr	48	40	•	12	18.00	1	5 30	0.0
Ross-on-Wye	d.r.r.	r.r.oc	c	orr	47	36	29	5	18.00	3	4 30	0.0
Leafield	cr.orr	orr	c	cd.or.	45	37	36	9	18.00	1	21.00	0.0
Winchester (Worthy Dn.)	orrrm	orrm	or.r.m.	or.r.rm.	45	43	42	10	9.00	6	21.00	0.0
S Farnborough ...	cr.r.	orr	orrdd	orr	45	43	42	3	18.00	3	21.00	0.0
London (Kew Obsy.) ...	m.r.r	crrm.	orrcr.	ccrr.	44	44	43	6	11.00	2	21.00	0.0
Croydon	cm.r.r	cr.orr	iifid.	odir	43	43	42	5	11.00	4	21.00	0.0
Shoeburyness	bcr.oc	or.orr	orro	oir	45	41	41	4	12.30	2	21.00	0.2
Clacton-on-Sea ...	bcod	orr	orr	orogd	43	41	40	3	13.30	3	21.00	0.8
Felixstowe	bcrq	ORR	ORR	corr	42	41	40	4	12.30	2	21.00	1.8
Lympne	bcc	or.r.m.	or.r.f	ofrrm.	43	40	39	1	13.30	8	21.00	0.3
Scilly (St. Mary's) ...	ormdd	odifc	offdo	offd.	50	45	•	6	18.00	5	24.00	0.0
Falmouth (Pendennis)	orm.q	orm.q	oFrr	oFrd	50	47	•	10	18.00	14	22.00	0.0
Plymouth (Cattewater)	dorrm	lom.r	lomr.	omrrq	49	47	46	17	18.00	12	22.00	0.0
Portland Bill	cor.m	orrm.	orrDm	omdorr	48	45	•	8	9.00	5	21.00	•
Southampton (Calshot)	c.r.r	orrm	orrmd	cor.r.	46	44	43	8	9.00	8	21.00	0.0
Dungeness	c	or.orr	or.rr	ororr	44	41	•	1	14.30	6	21.00	•
Guernsey	cd.	d.rrc	lirrq	crrq	46	44	•	4	18.00	10	21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	28th 1h	Scoria	SW	6	dd	49	47
1	" 12h	Reindeer	SW	6	0	47	50
3	29th 2h	Dieppe	SW	7	rr	44	48

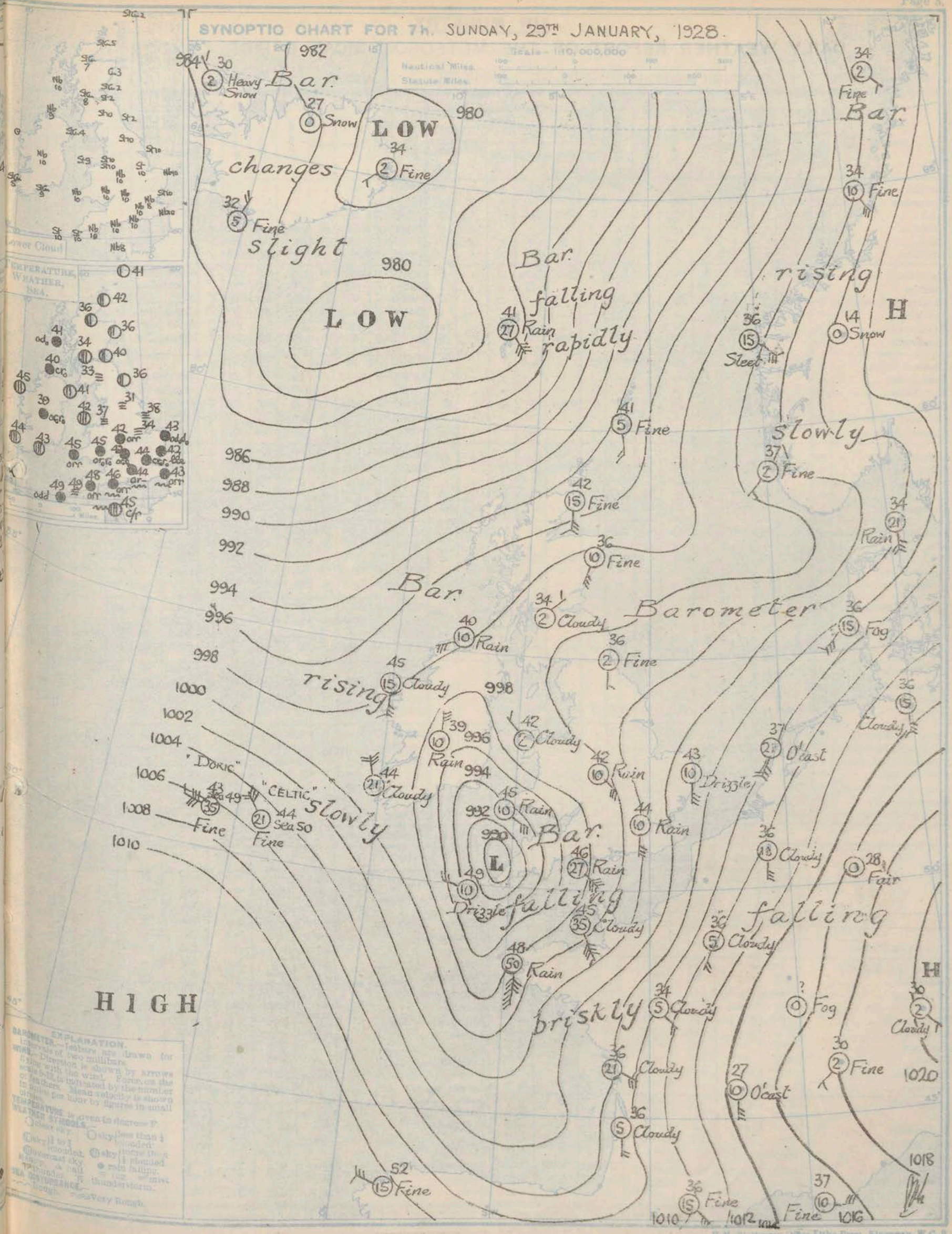
GENERAL INFERENCE.

A depression is centred betw Iceland and the Faeroes, and a seconday depression over south western England will move north east. Dull rainy conditions o the southern half of England wi spread northeastwards and will followed later by brighter weat

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 29th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E Midlands	Freshening southeasterly winds; cloudy with some rain at first, then improving; moderate temperature.	
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Wind variable at first, becoming northwesterly, moderate or fresh; some rain at first, then improving; moderate to rather low temperature.	Considerabl bright periods generally.
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	Light variable wind; cloudy; perhaps some occasional rain or drizzle; local fog tonight; temperature rising.	South Cone still flying. North Cone hoisted 1030 G. today.
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Southwesterly wind, moderate to fresh, veering later; variable skies; but some showers; rather cool.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind northwest, moderate or fresh; bright intervals, but local rain or showers at first; rather cool.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1100 G.M.T. G. C. Simpson, F.R.S. 1900

† Trace = rain (mm. rather 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. Sunday, 29th January 1928. No. 29

Observations at 1h. G.M.T. 29th

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	994·0	0	SW	1	bc	41	92	8	5700	Stcu	3	-	3
Stornoway	30	993·2	-2	S	5	bc-	•	•	7	•	•	•	•	4
Wick	81	992·0	0	SW	2	bc	36	85	8	2500	Stcu	3	-	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	995·8	-5	SE	5	bc+	42	97	7	5700	Stcu	5	-	5
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1000·3	-2	WSW	2	b	38	92	7	-	-	0	-	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1003·8	0	W	2	bc	37	92	7	800	St	4	-	4
Blacksod Point ...	18	995·0	-4	S	5	c	43	85	5	•	CuNb	8	-	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	28	1002·8	-8	SSE	4	c+	42	97	6	450	St	8	-	8
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1004·8	-1	SSW	3	bc-	38	97	5	1500	St	4	-	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1006·6	-4	-	0	b	36	97	7	-	-	0	-	0
Gorleston	14	1007·0	-1	SSW	1	0	43	92	5	1500	St	10	-	10
Valentia (Cahirciveen)P	30	1000·1	-4	W'N	3	or+	44	92	6	-	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1002·0	-5	SE	3	0/f	44	97	7	800	St	10	-	10
Ross-on-Wye	228	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	45	•	•	•	•	•	•	•
Croydon	244	1007·2	-4	S'W	3	cd.d.	44	97	6	800	Nb	8	ASt	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1009·1	-4	S'W	5	od.d.	42	97	3	1150	St	10	-	10
Scilly (St. Mary's) ...	163	1001·3	-9	E'S	2	odd	48	97	1	450	St	10	-	10
Falmouth (Pendennis)	200	1000·9	-5	SSE	4	or	49	97	6	2500	Nb	10	-	10
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1003·8	-7	S'W	4	mmo	47	97	4	800	Nb	10	-	10
Southampton (Calshot)	10	1003·1	-7	SSW	5	o/r	46	97	7	800	St	10	-	10
Dungeness 15.00' ...	20	1008·0	-4	SW	6	or.r.	44	97	6	~~800~~	Nb	10	-	10
Guernsey (Fort George) P	295	1006·0	-7	S	3	orr	47	92	4	1500	Nb	10	-	10

Observations at 7h. 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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	995·1	0	S'E	2	b	41	97	8	5700	Stcu	2	-	2	•
Stornoway	991·1	+4	SW	2	bc	40	92	6	4000	Cu	3	-	3	1
Wick	993·3	-3	S	4	bc	42	75	8	2500	Stcu	5	-	5	3
Tiree	996·6	0	S'E	3	od.	41	92	6	1500	Nb	10	-	10	2
Nairn	994·4	•	W	1	bc+	36	85	8	5700	Stcu	7	-	7	•
Aberdeen	999·3	0	SSW	3	bc	36	85	7	1500	Cu	3	Ci	4	0
Malin Head	997·3	+1	WSW	3	cr.	40	97	7	4000	Nb	9	-	9	2
Renfrew	999·1	-2	NE	1	c+	34	97	7	4000	Stcu	8	-	8	•
Edinburgh (Inchkeith)	998·6	-2	S	1	bc	40	92	8	800	St	2	Acu	4	0
Leuchars	999·6	-2	NNE	2	bc	32	97	7	4000	Stcu	2	Ci	3	•
Eskdalemuir	1000·3	-1	NW	1	ff-0	33	97	3	1150	St	10	-	10	•
Tynemouth	1001·3	-2	S	1	bc	36	92	7	1500	St	2	Acu	5	1
Blacksod Point ...	997·0	+1	S	4	c	45	75	6	•	-	0	ASt	10	5
Donaghadee	999·4	-3	WSW	1	bc-	41	92	8	4000	Scu	4	Acu	6	1
Birr Castle	996·7	•	N	3	or.r.	39	97	6	1500	Nb	10	-	10	•
Holyhead	998·3	-5	NW	1	c	42	92	8	2500	St	9	-	9	0
Liverpool (Bidston) ...	998·2	-5	SE'E	3	mmo	37	97	4	1500	St	10	-	10	•
Chester (Sealand) ...	998·7	-4	SE	1	ff0	34	97	2	450	St	10	-	10	•
Harrogate	1001·3	-2	-	0	FF0	31	97	0	1150	St	10	-	10	•
Spurn Head	1002·6	-3	SSE	3	FF0	38	97	1	1150	St	10	-	10	2
Birmingham (Edgbaston)	999·2	-5	SE	3	orr	42	97	5	1500	Nb	10	-	10	•
Cranwell	1003·0	-3	SE'S	2	FF0	34	97	1	450	St	10	-	10	•
Gorleston	1004·3	-3	S	3	od.d.	43	85	6	1500	Nb	10	-	10	1
Valentia (Cahirciveen)P	999·2	+2	N'W	5	c	44	75	8	2500	Stcu	5	ASt	10	4
Roches Point	997·1	-3	NW	4	c	43	92	8	1500	Stcu	9	-	9	4
Pembroke (St. Ann's H.)	993·5	-5	SE'E	3	orr	45	97	6	800	Nb	10	-	10	2
Ross-on-Wye	997·8	-5	SE'S	3	or.r.	45	97	6	1500	Nb	10	-	10	•
Leafield	999·5	-2	SE'S	4	or.r.	42	97	6	220	Nb	10	-	10	•
Winchester (Worthy Dn.)	1001·3	-3	SE'S	4	orr	43	97	6	450	Nb	10	-	10	•
S. Farnborough ...	1001·7	-3	S'E	4	or	44	92	6	800	Nb	10	-	10	•
London (Kew Obsy.) ...	1002·2	-3	S	3	cr.r.	44	97	8	800	Nb	8	ASt	10	•
Croydon	1003·4	-4	S	3	orr	43	97	6	800	Nb	10	-	10	•
Shoeburyness	1004·2	-3	S	4	cr.	43	97	7	450	St	7	ASt	10	•
Clacton-on-Sea ...	1004·5	-2	SSW	4	od.	42	97	7	2500	St	10	-	10	3
Felixstowe	1004·8	-2	S'E	4	orr	42	97	6	800	Nb	10	-	10	6
Lympne	1005·3	-4	S'E	5	orr	41	97	5	450	Nb	10	-	10	•
Scilly (St. Mary's) ...	~~[illegible]~~	-7	WNW	3	odd	49	97	3	1500	St	10	-	10	1
Falmouth (Pendennis)	999·0	-6	S'W	3	Fo-	49	97	1	800	St	10	-	10	1
Plymouth (Cattewater)	992·0	-11	SES	6	orr	48	97	6	450	Nb	10	-	10	5
Portland Bill	996·7	-7	SE	6	orr	46	92	6	800	Nb	10	-	10	7
Southampton (Calshot)	1000·9	-5	SSE	6	or.r.	44	92	7	450	Nb	10	-	10	6
Dungeness 15.00' ...	1004·0	-4	S'W	6	orr	43	92	7	1500	Nb	10	-	10	6
Guernsey (Fort George) P	998·4	-7	SSE	7	c/r	45	92	7	800	Nb	8	ASt	10	7

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 28th January 1928.

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 27th to 9h. 28th	Temperature. Max. 3h.-17h. 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	or.r.	RRc	34	43	1	7	0·0
Douglas (I. o. M.) ...	or	orc	37	47	10	7	0·8
Llandudno ...	cr	rcb	39	51	-	3	0·0
Colwyn Bay ...	bbcro	oroc	39	49	1	5	0·0
Rhyl	or	roc	33	49	0·5	4	0·0
Wallasey	orR	Rcbc	35	46	1	9	0·0
Southport	r or	orc	‡36	45	0·6	9	0·0
Blackpool	or	o	38	45	1	8	0·0
Ilkley	or	oro	30	45	-	0·1	0·0
Cleethorpes	or	oro	30	44	1	3	0·0
Skegness	bcco	o	30	42	-	4	0·0
Aberystwyth ...	ro	rbc	38	48	3	9	0·0
Bath	rr	rr	31	49	0·3	6	0·0
Cheltenham ...	coir	or	30	48	1	5	0·0
Leamington Spa ...	cr	cr	32	46	0·3	9	0·0
Lowestoft	bbcb	c.crr	29	42	-	3	1·9
Felixstowe	bcm	bcond	31	43	Trace	2	2·0
Harwich & Dovercourt	xbcc	roc	30	42	0·2	3	1·2
Southend	ozir	or	31	40	0·3	2	0·2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	rr	rr	38	50	1	13	0·0
Bude	rr	rr.rc	34	50	2	2	0·0
Penzance	orr	oro	39	51	7	11	0·0
Paignton	orr	orp	33	50	1	9	0·0
Torquay	orm	orrorp	36	50	0·5	8	0·0
Jersey	cr	cr	35	46	-	3	0·0
Weymouth	prr	rr	34	49	0·1	10	0·0
Bournemouth ...	or	or	30	41	-	7	0·0
Ventnor ...	xo	mr	34	44	Trace	5	0·0
Portsmouth (S'thsea)	o	orr	29	45	-	5	0·0
Bognor	corr	rr	30	44	-	6	0·0
Littlehampton ...	c	or	30	45	-	5	0·0
Worthing	cor	orr	28	44	-	4	0·0
Brighton	co	or	28	44	-	4	0·0
Eastbourne	o	orr	31	45	Trace	3	0·1
Hastings‖	xcbcc	codr	32	45	0·2	1	0·0
Folkestone	xc	or.r.	31	45	0·1	0·5	0·9
Dover	cbcc	cor	32	45	-	1	1·2
Tunbridge Wells ...	oco	od or	26	42	Trace	2	0·0
Ramsgate	bco	op.	32	44	Trace	0·2	1·9
Margate	bcod.	or	32	45	-	1	1·8
Deal	bco	od.	31	46	-	Trace	1·7

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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. B24175. Monday 30th January 1928.

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	995.5	0	S	2	c	44	85	8	4000	Cu	3	CiSt	9	*
Stornoway	993.2	+1	SW	2	c/r	43	85	6	2500	CuNb	7	ACu	8	*
Wick	996.6	+1	SSW	3	c	43	85	8	2500	StCu	6	CiSt	8	*
Tiree	996.0	0	SSW	3	c	44	85	7	1500	CuNb	3	ASt	10	1
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	998.9	-1	-	0	mc⊕	40	85	4	1500	Cu	7	CiSt	9	2
Malin Head	997.3	0	SW	3	c	43	92	7	4000	Cu	1	ASt	9	*
Renfrew	997.5	-2	NE	1	mmo	40	85	4	2500	St	10	-	10	2
Edinburgh (Inchkeith)	996.5	-2	ESE	1	o+	39	85	8	800	St	10	-	10	*
Leuchars	997.8	-3	ESE	1	c	37	97	6	4000	StCu	4	ASt	10	2
Eskdalemuir	996.3	-5	N'E	3	orr	36	92	6	800	Nb	10	-	10	2
Tynemouth	996.9	-4	SE	3	or₀r₀	42	97	7	1500	Nb	10	-	10	*
Blacksod Point	998.7	+1	NW	4	bc	44	97	8	*	CuNb	4	-	4	*
Donaghadee	997.8	-2	NNW	3	c+	42	92	7	2500	Nb	9	-	9	*
Birr Castle	998.5	*	N	2	c-	40	97	7	1500	Nb	8	-	8	2
Holyhead	995.4	-3	NW	3	orr	43	97	6	1500	Nb	10	-	10	*
Liverpool (Bidston)	994.1	-4	SE	4	orr	43	97	6	1500	Nb	10	-	10	*
Chester (Sealand)	994.2	-5	SE	4	crr	43	97	6	800	Nb	8	ASt	10	2
Harrogate	996.8	-4	-	0	orr	33	97	1	<150	St	10	-	10	*
Spurn Head	1003.1	-4	S'E	6	o	42	97	6	4000	Nb	10	-	10	*
Birmingham (Edgbaston)	996.4	-4	SSE	5	orr	41	92	6	800	Nb	10	-	10	2
Cranwell	999.1	-5	SSE	5	o	42	97	5	450	St	10	-	10	2
Gorleston	1002.3	-2	S'E	5	c	43	95	6	-	-	0	ASt	9	*
Valentia (Cahirciveen)	1001.9	+1	WNW	4	c/pr₀	43	65	8	2500	StCu	8	-	8	2
Roches Point	1000.2	+3	NW	3	c	45	92	8	2500	StCu	7	CiCu	8	*
Pembroke (St. Ann's H.)	992.7	0	NW'N	3	c/r	44	97	8	800	StCu	9	-	9	*
Ross-on-Wye	994.5	-4	S	5	odd	42	92	6	1500	Nb	10	-	10	2
Leafield	997.0	-3	SE'S	6	c	39	92	8	2500	StCu	10	-	10	2
Winchester (Worthy Dn.)	999.6	-2	SE'S	5	o/r	40	85	7	1500	St	10	-	10	2
S. Farnborough	1000.1	-3	S'E	4	cr₀r₀	41	85	6	1500	Nb	3	ASt	10	2
London (Kew Obsy.)	1000.2	-3	S	4	bc	44	65	6	-	-	0	ACu	4	2
Croydon	1000.9	-5	SSE	4	bc	42	75	7	-	-	0	ACu	7	2
Shoeburyness	1002.1	-1	S'E	6	c+	43	75	7	5700	StCu	7	ASt	9	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1003.2	-3	S'E	5	c	43	65	7	5700	StCu	4	ASt	9	2
Lympne	1002.8	-2	SE	5	c	40	75	8	4000	StCu	6	ASt	9	2
Scilly (St. Mary's)	996.3	+5	NW'N	6	cjp	45	92	6	4000	StCu	10	-	10	*
Falmouth (Pendennis)	994.9	+5	NNW	6	c	48	85	8	4000	StCu	9	-	9	*
Plymouth (Cattewater)	994.5	+4	W	4	c	48	85	7	1500	Nb	9	-	9	2
Portland Bill	995.5	+1	SE	7	cd₀	44	86	6	1500	Nb	8	ASt	10	*
Southampton (Calshot)	999.5	-1	SSE	6	c/r	43	75	7	2500	St	6	ASt	10	2
Dungeness	1002.9	-4	SSW	6	c	42	75	8	4000	StCu	6	CiSt	10	*
Guernsey (Fort George)	998.1	-1	S	6	c	42	92	7	800	Nb	10	-	10	*

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	995.3	0	S	3	cjp	44	92	8	4000	CuNb	7	ASt	8	*
Stornoway	993.0	0	SW	2	c	40	92	6	4000	CuNb	2	CiSt	8	1
Wick	994.7	-2	SSW	2	c	40	97	8	1500	StCu	8	ASt	10	1
Tiree	995.5	0	W	1	bjp	37	97	8	2500	CuNb	1	ACu	2	2
Nairn	993.8	*	-	0	cd₀	38	92	7	1500	Nb	8	-	8	*
Aberdeen	995.3	-4	-	0	orr	38	97	3	1500	Nb	10	-	10	0
Malin Head	996.3	-1	WSW	2	bjp	41	92	8	4000	CuNb	2	-	2	6
Renfrew	996.0	-1	N	1	orr	37	97	5	800	Nb	10	-	10	*
Edinburgh (Inchkeith)	993.9	-4	NE	2	or₀r₀	37	97	8	800	Nb	10	-	10	0
Leuchars	993.9	-4	NNE	2	orr	36	97	6	800	Nb	10	-	10	*
Eskdalemuir	993.4	-3	-	0	oss₀	33	97	1	220	Nb	10	-	10	*
Tynemouth	994.1	-2	SW	2	or₀	41	97	7	1500	Nb	10	-	10	2
Blacksod Point	998.3	0	W	4	c	42	92	7	*	CuNb	8	-	8	5
Donaghadee	997.5	+1	NNW	2	c-	41	85	7	2500	Nb	8	-	8	2
Birr Castle	998.2	*	W	2 1	bc-	43	85	7	2500	Cu	2	Ci	5	*
Holyhead	996.9	+3	NW'N	6	c	42	92	7	1500	StCu	10	-	10	4
Liverpool (Bidston)	994.7	+1	W	4	c/r	41	92	7	2500	StCu	10	-	10	*
Chester (Sealand)	994.8	+2	NW	3	c/r	42	92	6	1500	St	10	-	10	*
Harrogate	994.9	-2	S	3	o/r	39	(97)	5	5700	Nb	10	-	10	*
Spurn Head	996.5	-2	S'E	6	c	40	85	7	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	996.4	+1	SSE	3	od₀+	40	92	5	800	St	10	-	10	*
Cranwell	997.7	0	SSE	5	o	40	85	6	800	St	10	-	10	*
Gorleston	1001.1	-3	S'E	5	c	40	92	6	-	-	0	ASt	10	4
Valentia (Cahirciveen)	1003.0	+2	W	4	c/ph₀	43	75	8	2500	St	6	ASt	8	4
Roches Point	1001.4	+3	NW	3	b	42	92	8	2500	StCu	2	-	2	1
Pembroke (St. Ann's H.)	998.1	+6	NW	4	c/r	42	85	8	2500	StCu	8	-	8	1
Ross-on-Wye	995.2	+1	S	3	od-	43	92	6	1500	Nb	10	-	10	*
Leafield	997.3	0	SSE	5	c	38	92	6	4000	StCu	10	-	10	*
Winchester (Worthy Dn.)	999.0	0	SSE	4	or₀	41	92	7	800	St	10	-	10	*
S. Farnborough	998.9	0	S	3	o	40	85	6	1500	St	10	-	10	*
London (Kew Obsy.)	999.2	0	S	3	c	42	75	5	4000	St	9	ASt	10	*
Croydon	999.6	-1	S	4	c	40	85	6	-	-	0	ASt	10	*
Shoeburyness	1001.0	-1	S	6	c	41	92	7	4000	StCu	8	ASt	10	*
Clacton-on-Sea	1000.7	-2	SE	5	c	42	75	7	-	-	0	ASt	10	3
Felixstowe	1001.0	-2	SSE	6	c	41	75	7	-	-	0	ASt	10	6
Lympne	1001.3	-1	SE'S	4	bc-	39	75	6	-	-	0	ASt	5	*
Scilly (St. Mary's)	1001.7	+5	NW'N	5	c	44	75	7	4000	StCu	10	-	10	4
Falmouth (Pendennis)	999.9	+4	NNW	6	cr₀r₀	44	75	7	4000	StCu	10	-	10	2
Plymouth (Cattewater)	998.0	+5	NNW	4	od₀	45	85	6	1500	Nb	10	-	10	2
Portland Bill	996.5	+1	SE	6	odd	45	92	6	1600	St	10	-	10	7
Southampton (Calshot)	999.0	0	S'E	4	or₀	43	85	7	1500	Nb	10	-	10	3
Dungeness	999.9	-2	S	6	bc⊕	43	75	7	5700	StCu	3	Ci	5	6
Guernsey (Fort George)	998.3	+1	S	4	or₀r₀	41	97	7	800	Nb	10	-	10	6

London Observations

London Observations	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	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	18	crgrcz	bczcm	cgrcm	45	40	36	1	3	3.2	*	*	5
Croydon } 24 hours ended 7h.	244	rm bc	bcz	odrcd	44	39	37	2	1	2.2	*	*	4
Greenwich (Royal Obsy.)	149	cd⊗	c	cardm	46	38	35	03	1	2.5	63	89	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.7	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	45	39	36	3		1.9	?	84	*
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	2.7	*	*	*
Camden Square	110	odo	co	*	43	38	36	03	3	*	*	97	*
Kensington Palace	80	orbc	o	*	45	39	?	06	3	*	{At 18h 73}	91	*
Hampstead Observatory	450	*	*	*	43	35	29	05	3	2.0	*	97	*

Weather: 24 Hours ended 9h.

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 30th

South Kensington Max.	Time.	Min.	Time.
0.6	15h 29th	<0.3	2h 30th

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

Pole Star Record at Greenwich Obsy.

Exposure from 29th 18h 0m. to 30th 6h 30m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12 30	0 27	4
δ Ursae Minoris	12 30	0 27	4

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 & 31st January, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.43 7.41	12.6 12.7	16.31 16.33
Greenwich	7.45 7.44	12.13 12.14	16.42 16.44
Wick	8.28 8.26	12.26 12.26	16.24 16.27
Valentia	8.28 8.25	12.54 12.55	17.21 17.23

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 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.	

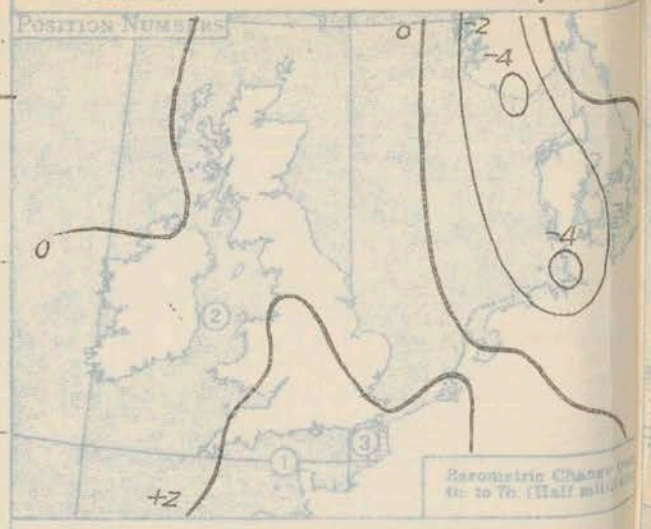
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 29th	WEATHER. 18h.-18h. 29th	WEATHER. 18h. 29th to 18h. 30th	WEATHER. 18h.-7h. 30th	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 29th Hours.
Lerwick	bbcc	c	ofr	obbc	44	36	.	-	-	7	<21.00	0.2
Stornoway	cr	c	bbc	c	43	30	.	1	≋	0.3	-	0.0
Wick	c	c	orrc	c	43	34	.	-	-	0.5	<21.00	.
Tiree	dd.o	cbc	cbr	brc	44	32	24	3	<8.00	3	<21.00	0.2
Nairn	bcpc	cd	dcbcx	bc	43	30	.	0.5	11.00	0.1	<21.00	0.0
Aberdeen	cm.m	cmorrmf	orrfmoc	c	40	34	31	4	16.30	6	<21.00	0.0
Malin Head	ce	cPHbc	bibbcbr	bcpr	44	35	.	1	14.30	1	22.00	0.9
Renfrew	cxmc	omrr	orcm.	cmbcmc	40	31	25	3	15.30	0.4	<21.00	0.0
Edinburgh (Inchkeith)	c	crr	r.r.o	ir.b	43	35	32	5	13.30	3	<21.00	0.0
Leuchars	~~c~~	c.rRRr	r.r.cbc	b.bc	39	33	30	7	14.30	3	<21.00	0.0
Eskdalemuir	ofecorr	o.s.f	os.fcm.	cm.ofe	37	27	27	17	11.00	1	<21.00	0.0
Tynemouth	bcoir	orr	oir.	bc	42	36	32	6	11.00	1	<21.00	.
Blacksod Point ...	cb	phc	pc	bcp.	46	37	.	0.5	≋	2	-	.
Donaghadee	cprc	cPRc	bc	bcc	44	32	.	1	9.00	-	-	.
Birr Castle	dr.	cbc	ibc	bc	44	30	22	1	<8.00	-	-	1.8
Holyhead	c,rr	r.r.c	pr.bc	bbc	43	40	37	13	<8.00	0.3	<21.00	0.0
Liverpool (Bidston) ...	orrf	op.oc	cp.	pcpcb	44	37	31	10	<8.00	0.5	<21.00	0.0
Chester (Sealand) ...	odfrrfm	crrrrm.	cpr	pRb	43	33	25	10	<8.00	1	24.00	0.0
Harrogate	offdm	ofrro	bc	ocbc	41	35	32	10	<8.00	0.3	<21.00	0.0
Spurn Head	ffor	or.	oir	cpr	43	38	.	2	12.30	3	<21.00	0.0
Birmingham (Edgbaston)	orr	ord	odc	cpr.bc	43	34	31	8	<8.00	1	<21.00	0.0
Cranwell	ofemrro	om.	omddd	odc	45	31	29	1	<8.00	1	<21.00	0.0
Gorleston	oddcq	cq	cbccq	cqodd	43	39	37	0.4	<8.00	0.5	5.30	0.0
Valentia (Cahirciveen)	ophbc	cph	bcph.	bcph.	46	39	36	4	<8.00	1	<21.00	3.5
Roches Point	cp.c	cbcb	bx	bcc	47	34	.	0.1	9.00	-	-	.
Pembroke (St. Ann's H.)	orrm	cp.q	r.bcb	b	45	41	.	14	<8.00	Trace	<21.00	0.6
Ross-on-Wye	rrdq	dodd	drcc	bcb	46	34	27	6	<8.00	0.5	<21.00	0.0
Leafield	or.ro	c	odr.	or.	43	35	31	1	<8.00	1	<21.00	0.0
Winchester (Worthy Dn.)	orrm.	or.	or.	orr.oc	44	36	33	5	<8.00	5	<21.00	0.0
S Farnborough ...	orr	or.	crr.r	orrr	44	37	35	4	<8.00	3	<21.00	0.0
London (Kew Obsy.) ...	crqrcz	bczcm	cm.orr	orrcm.	45	40	36	1	<8.00	3	<21.00	3.2
Croydon	orrmbc	bccz.	or.od.	od.rc	44	39	37	2	<8.00	1	<21.00	2.2
Shoeburyness	orbc	co	o	orr	45	38	37	0.3	<8.00	2	-	0.8
Clacton-on-Sea ...	opdrc	co	ocbc	bcorr	42	40	39	1	<8.00	1	4.30	0.0
Felixstowe	oRc	cmc	c	crrm.	43	40	39	1	<8.00	0.3	5.30	0.0
Lympne	orrmc	cbcm.	bcm.c	orrF	41	39	35	1	<8.00	3	3.30	0.1
Scilly (St. Mary's) ...	odrcm.	cir.	cbcb	bcb	48	40	.	1	<8.00	1	24.00	0.0
Falmouth (Pendennis)	oFdc	crq	crqbc	bc	50	39	.	1	<8.00	0.1	<21.00	0.4
Plymouth (Cattewater)	omrqc	cqo	orrbc	bmxc	49	35	28	1	<8.00	-	-	0.3
Portland Bill	orrcodz	oir.z.	orr	or.bc	47	41	.	1	<8.00	2	<21.00	.
Southampton (Calshot)	orrmr.	cr.	orrr.	or.c	44	40	38	3	<8.00	4	<21.00	0.0
Dungeness	or.c	bc	co	odrr	44	42	.	1	<8.00	1	3.30	.
Guernsey	rrrcq	cr.	or.	or.bc	44	41	.	3	<8.00	6	<21.00	0.0

30th January.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	30th 2h	Arundel	SW	3	C+	45	48

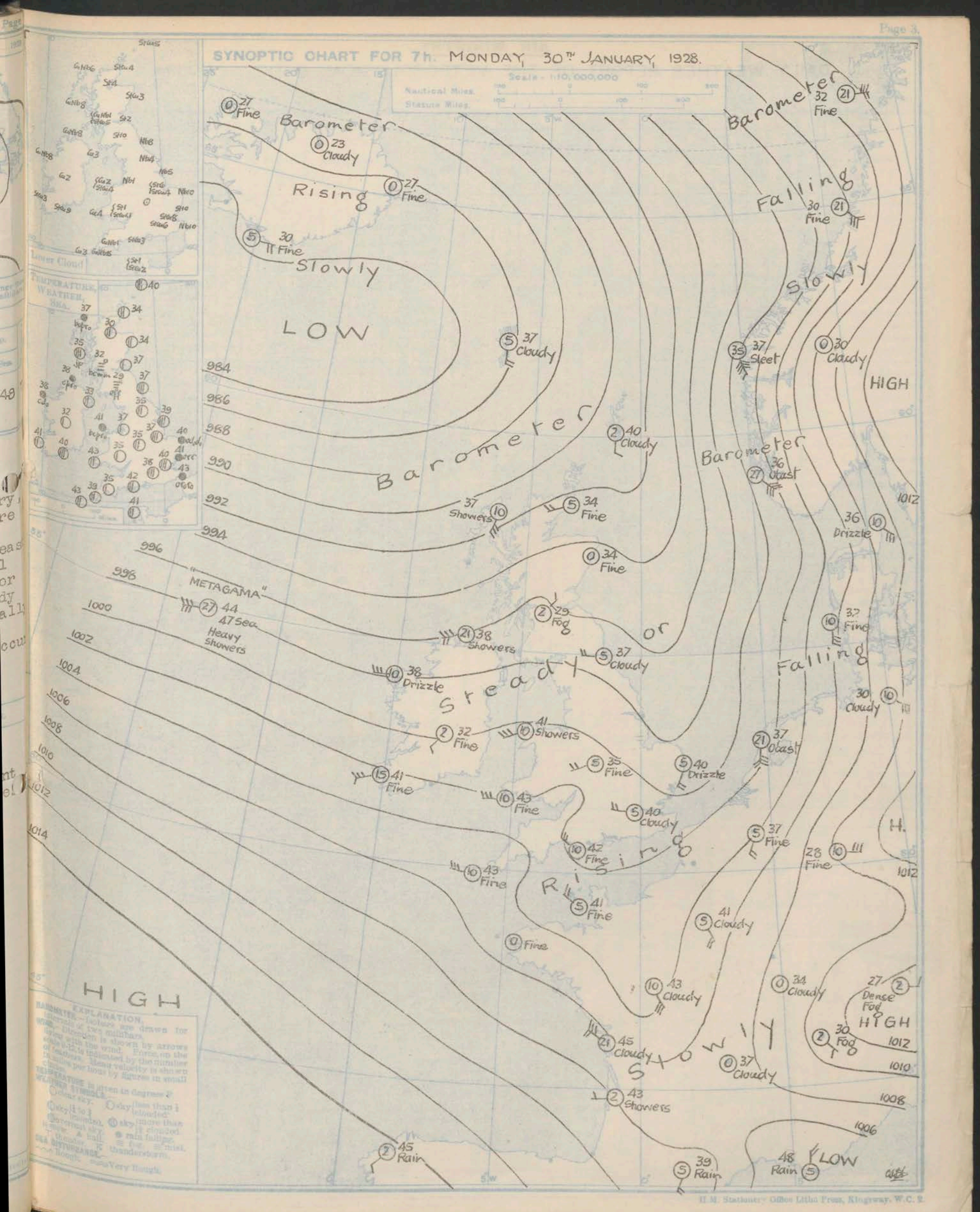
GENERAL INFERENCE.

A depression south of Iceland is almost stationary, and a trough of low pressure covering the North Sea and Eastern England is moving east and filling up. Winds will be mainly westerly, light or moderate, and weather cloudy with local showers, especially in northern districts, but some bright periods will occur generally.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 30th January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light or moderate W. to N.W. winds; cloudy, perhaps local showers, bright intervals; some mist or local fog evening and morning; moderate day temperature, local ground frost.	No important change at present indicated.
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 13 B. N.W. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Winds mainly westerly, light or moderate; some showers, bright intervals; some mist or local fog evening and morning; moderate day temperature, night frost.	
19. S.E. Ireland 20. S.W. Ireland	As 1 - 6	

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

+ Trace = rain 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 30th January.....1928. No. 30.....

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 30th: 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. 30th: 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	9906	-3	S	1	or	37	97	7	4000	Nb	10	-	10	9907	+1	S	1	c	40	97	8	5700	St Cu	5	ac St	9	.
Stornoway	30	9935	-2	-	0	b-	.	.	8	.	.	.	.	2	9902	0	SSW	3	bc/pr	37	85	7	4000	CuNb	6	-	6	2
Wick	81	9922	-1	WSW	1	c	36	97	8	1500	St	5	AST	10	9927	0	WSW	2	bc	34	92	8	1500	St Cu	4	-	4	1
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	9940	+1	S'W	2	c/p	35	97	6	1500	CuNb	8	-	8	2
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	9937	.	-	0	bc-	30	85	8	1500	St	4	-	4	.
Aberdeen	40	.	.	.	.	.	.	.	.	.	.	.	.	.	9943	0	-	0	bc-	34	92	6	4000	St Cu	3	ac Cu	7	0
Malin Head	51	9957	-1	WSW	4	bc/pr	39	97	7	4000	CuNb	4	ACu	4	9955	0	WSW	5	c/pr	38	97	7	4000	CuNb	8	-	8	2
Renfrew	36	.	.	.	.	.	.	.	.	.	.	.	.	.	9966	0	NE	1	mmbc	32	97	4	1500	St Cu	6	-	6	.
Edinburgh (Inchkeith)	190	9942	+1	SW	1	0	{37}	97	6	800	St	10	-	10	9950	+1	SW	2	b-	37	92	7	800	St	2	-	2	0
Leuchars	40	.	.	.	.	.	.	.	.	.	.	.	.	.	9959	+1	WSW	4	b	33	97	6	4000	St Cu	1	-	1	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	9976	+1	-	0	ffo	29	97	2	<150	St	10	-	10	.
Tynemouth	67	9953	+2	W	1	bc/r	37	92	7	1500	St	5	-	5	9968	+1	W	2	c+	37	92	6	1500	Nb	8	-	8	1
Blacksod Point ...	18	9974	0	W	5	bc	41	97	6	.	CuNb	7	-	7	9979	+1	W	3	cd	38	97	7	.	CuNb	8	-	8	5
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	9982	+1	W	1	bc-	33	92	8	4000	Cu	3	-	3	1
Birr Castle	178	.	.	.	.	.	.	.	.	.	.	.	.	.	9998	.	SW	1	b-	32	92	7	2500	Cu	2	-	2	.
Holyhead	26	9984	+1	WNW	5	b-	42	92	8	-	-	0	-	0	10004	+1	WSW	3	bc/pr	41	85	8	1500	St Cu	6	-	6	3
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	10001	+2	W'S	3	b+	37	92	6	1500	Nb	<1	ac Cu	1	.
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	9999	+2	WSW	2	b/p	33	92	6	2500	CuNb	2	-	2	.
Harrogate	478	.	.	.	.	.	.	.	.	.	.	.	.	.	9992	+1	SW	3	bc	35	92	7	4000	Nb	4	ac Cu	5	.
Spurn Head	29	9958	-1	S	4	or	39	97	6	4000	Nb	10	-	10	9977	+1	NW'W	4	c	39	92	6	4000	Nb	5	ac Cu	9	3
Birmingham (Edgbaston)	535	.	.	.	.	.	.	.	.	.	.	.	.	.	10014	+2	WSW	2	bc-	35	97	7	-	-	0	ac St	3	.
Cranwell	236	9973	0	SW'W	2	od	33	97	6	800	Nb	10	-	10	9999	+3	WSW	3	c	37	97	5	2500	St	10	-	10	.
Gorleston	14	9993	-2	S	4	c	40	85	7	5700	St Cu	4	AST	9	9988	+1	SSW	2	od	40	92	5	2500	Nb	10	-	10	1
Valentia (Cahirciveen) ‖	30	10035	0	WNW	3	c/p	43	92	6	.	Cu	9	-	9	10022	+1	WSW	4	bc	41	85	8	2500	St Cu	3	ac St	4	4
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	10028	+1	W	2	c	40	92	8	2500	St Cu	9	-	9	1
Pembroke (St. Ann's H.)	150	10000	0	NW	3	b	43	85	8	-	-	0	-	0	10019	+1	W	3	bc+	43	75	8	2500	Cu	4	-	4	1
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	10023	+2	SW	2	b	35	92	8	2500	St	1	-	1	.
Leafield	612	.	.	.	.	.	.	.	.	.	.	.	.	.	10012	+2	W'S	3	bc	36	85	8	4000	St Cu	2	ac Cu	6	.
Winchester (Worthy Dn.)	272	.	.	.	.	.	.	.	.	.	.	.	.	.	10020	+3	W	3	c	36	92	7	2500	St Cu	6	ac Cu	8	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.	10012	+3	W	2	c/r	38	97	7	4000	St Cu	6	ac St	10	.
London (Kew Obsy.) ...	18	.	.	.	.	.	41	.	.	.	.	.	.	.	10014	+3	W'N	2	c	40	92	5	2500	St Cu	8	ac St	9	.
Croydon	244	9963	-1	S'W	3	od	40	97	6	1500	Nb	10	-	10	10016	+3	NW'W	1	c/r	39	92	6	2500	St Cu	7	ac St	10	.
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.	10009	+1	SW	1	orr	40	97	5	800	St	10	-	10	.
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	9999	+1	WNW	4	or	41	92	6	2500	St	10	-	10	2
Felixstowe	16	.	.	.	.	.	.	.	.	.	.	.	.	.	10002	+1	WSW	3	or	40	92	4	800	Nb	10	-	10	3
Lympne	350	9993	-2	S	4	c+	41	85	8	2500	St Cu	10	-	10	10009	+2	SW'W	2	or	40	97	1	<150	St	10	-	10	.
Scilly (St. Mary's) ...	163	10034	0	NW	3	bc	44	TS	8	4000	CuNb	3	-	3	10047	+1	W'N	3	bc+	43	75	9	4000	Cu	3	Ci	5	4
Falmouth (Pendennis)	200	10017	0	NW	3	bc	43	TS	7	4000	Cu	3	-	3	10047	+2	WNW	4	bc+	39	85	8	4000	CuNb	5	-	5	2
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	10039	+2	NE	2	b	35	97	5	2500	CuNb	1	-	1	2
Portland Bill	32	9985	+1	NW'W	4	or	43	92	8	2500	Nb	10	-	10	10013	+2	NW	3	bc-	42	85	8	2500	St Cu	3	-	3	2
Southampton (Calshot)	10	9985	-1	WNW	2	or	42	92	7	800	Nb	10	-	10	10020	+3	NW'W	3	c	40	92	8	4000	St Cu	8	-	8	0
Dungeness	20	9991	-3	SSW	3	c+	44	TS	8	4000	St Cu	10	-	10	10012	+3	SW	2	orr	43	97	6	1500	Nb	10	-	10	2
Guernsey (Fort George) ‖	295	10000	+2	NW	3	orr	43	97	4	1500	Nb	10	-	10	10035	+3	NW	2	bc-	41	75	8	1500	St Cu	3	-	3	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR...29th...January.....

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 28th to 9h. 29th. °F.	Temperature. Max. 9h.-17h. 29th. °F.	Rainfall.† Night 17h.-9h. 28th-29th. mm.	Rainfall.† Day 9h.-17h. 29th. mm.	Sunshine. Sunrise to Sunset. 29th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	co	RR	31	43	-	8	0·0
Douglas (I. o. M.) ...	orr	orr	38	41	-	11	0·0
Llandudno ...	orr	cr	36	42	1	9	0·0
Colwyn Bay ...	cor	ororr	36	43	4	10	0·0
Rhyl...	r	ro	34	43	1	10	0·0
Wallasey	ofrR	RRo	35	44	2	9	0·0
Southport	oror	oro	*35	44	1	10	0·0
Blackpool	orr	orr	34	44	1	11	0·0
Ilkley	mor	or	31	42	0·1	13	0·0
Cleethorpes... ...	or	o	30	42	2	0·3	0·0
Skegness	o(rofo)	o	?	42	2	0·6	0·0
Aberystwyth ...	ro	or	40	46	3	10	0·0
Bath	rr	rd,oc	41	46	4	2	0·0
Cheltenham‖ ...	orq	odq	37	46	4	1	0·0
Leamington Spa ...	od	o	34	42	2	0·3	0·0
Lowestoft	crcp	cbec	33	43	2	0·1	0·2
Felixstowe	cmd	c	35	42	4	1	0·0
Harwich & Dovercourt	ro	cdc	35	43	5	Trace	0·0
Southend	oc	oc	31	42	2	-	0·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	or	ro	44	50	5	1	0·0
Bude	odd	odd	44	50	24	1	0·0
Penzance	bc	cpr	48	49	11	0·5	1·2
Paignton	oddmq	odqpo	46	50	20	5	0·0
Torquay	orqo	qrdpo	45	49	16	2	0·0
Jersey	ror	or	(43)	(45)	11	3	0·0
Weymouth	pop	popd	43	45	9	0·3	0·0
Bournemouth ...	or	or	41	43	15	3	0·0
Ventnor ...	R	fro	40	42	10	1	0·0
Portsmouth (S'thsea)	orr	oro	42	43	11	2	0·0
Bognor	cr	rr	41	43	11	2	0·0
Littlehampton ...	c	cr	42	43	10	1	0·0
Worthing	crc	cr	41	44	10	0·5	0·1
Brighton	o	o	42	47	11	-	0·0
Eastbourne‖	o	o	42	45	13	-	0·0
Hastings‖	od,oc	co	41	44	?	0·2	0·0
Folkestone	oc	c	40	43	9	-	0·0
Dover	oc	cbc	41	43	10	-	0·6
Tunbridge Wells ...	oroc	oco	36	42	10	0·5	0·0
Ramsgate	cbc	bc	39	43	1	-	3·1
Margate	cbc	bec	38	45	4	-	1·5
Deal	oc	oc	38	44	5	-	0·5

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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24176 Tuesday 31st January 1928.

Observations at 13h. G.M.T. 30th. — Observations at 18h. G.M.T. 30th.

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	991.4	-1	SSW	1	c-	42	92	8	4000	Cu	3	A St	9	•	991.6	+1	–	0	bc	38	92	8	4000	Cu	4	–	4	•
Stornoway	991.6	0	SW	2	bc	40	85	7	4000	CuNb	3	A Cu	5	•	992.0	+1	W	3	bc/PR	37	97	7	4000	CuNb	7	–	7	2
Wick	993.4	0	SW	2	bc	39	85	8	2500	StCu	4	Ci St	6	•	993.1	+2	SW	2	bc	34	92	8	2500	StCu	2	Ci St	4	0
Tiree	994.8	+1	S'W	4	bc	39	92	8	1500	StCu	6	–	6	0	996.2	+1	SW	4	bcjp	39	85	8	1500	CuNb	4	A Cu	5	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	994.7	*	–	0	bc	34	65	8	–	–	0	A Cu	4	*
Aberdeen	994.6	-1	SW	1	b	40	75	7	4000	StCu	1	A Cu	1	2	996.0	+3	SSW	3	bct	37	85	6	4000	StCu	1	A St	3	0
Malin Head	996.9	+1	SW	4	cr	38	97	7	4000	CuNb	7	Ci Cu	8	•	998.7	+3	WSW	4	bc/PH	38	92	8	4000	CuNb	3	A Cu	4	4
Renfrew	997.4	+2	SW	3	c/ph₀	40	85	7	2500	CuNb	6	A Cu	8	2	998.8	+3	SW	3	c	37	85	7	4000	CuNb	8	A Cu	9	•
Edinburgh (Inchkeith)	996.1	+1	SW	3	ct	39	85	8	2500	Cu	7	A Cu	9	•	997.0	+2	WSW	3	bc-	38	85	8	800	St	2	A Cu	3	1
Leuchars	996.2	-1	WSW	3	ct	38	85	6	1500	CuNb	9	–	9	2	997.7	+3	WSW	3	c	37	92	6	2500	StCu	8	–	8	•
Eskdalemuir	998.1	+1	SW'W	5	c	35	92	7	1500	St	9	–	9	7	996.6 (9)	+3	SE'S	2	c	34	97	7	1500	St	9	–	9	•
Tynemouth	998.8	0	W	2	bc/m	43	75	6	1500	CuNb	6	–	6	•	1000.2	+2	SSW	1	c/m	39	85	6	1500	Nb	8	–	8	1
Blacksod Point	999.6	+1	W	3	c/ph₀	38	97	8	⁑	CuNb	9	–	9	•	1002.2	+2	W	4	c/ph₀	40	75	8	•	CuNb	8	–	8	5
Donaghadee	1000.0	+1	WSW	2	bct	38	85	8	4000	StCu	3	Ci	5	•	1001.1	+3	W	2	c-	37	85	7	4000	StCu	5	A St	8	2
Birr Castle	1000.8	•	W	1	cd₀t	38	92	6	1500	Nb	9	–	9	•	1004.2	•	SW	1	bc-	35	97	7	1500	Cu	2	A Cu	5	•
Holyhead	1002.0	+1	SW	4	c	43	85	7	4000	Cu	6	Ci St	9	2	1003.1	+2	SW'W	4	cr₀	40	85	6	1500	Nb	4	A St	10	2
Liverpool (Bidston)	1001.7	+1	W'S	3	bc-	41	75	9	1500	CuNb	4	Ci	7	•	1002.5	+2	WSW	2	ct₀	39	85	7	1500	CuNb	1	A St	9	•
Chester (Sealand)	1001.5	+1	WSW	3	ct	47 ?	65	7	1500	Cu	4	Ci	8	2	1002.2	+1	WSW	2	c	40	75	6	4000	StCu	7	Ci	7 ?	•
Harrogate	1000.5	+1	SW	4	bcr	39	85	7	4000	Nb	2	A Cu	6	•	1002.4	+1	SW	3	c	36	92	7	4000	Nb	6	A Cu	9	•
Spurn Head	1000.8	+1	WSW	3	b-	42	85	6	4000	Cu	1	–	1	•	1002.7	+1	SW'S	3	bc	38	92	6	4000	StCu	7	–	7	0
Birmingham (Edgbaston)	1002.9	+1	WSW	4	bc	43	75	8	4000	Cu	4	Ci	5	2	1004.7	+2	SSW	2	b-	38	85	5	2500	Cu	2	–	2	•
Cranwell	1002.5	+1	SW'W	3	b	44	75	6	2500	Cu	1	–	1	1	1003.9	+1	SSW	3	cω	37	92	5	2500	StCu	4	Ci St	8	•
Gorleston	1002.1	0	W'S	1	c	42	85	6	1500	StCu	9	–	9	•	1004.6	+2	–	0	bc-	39	85	6	5700	StCu	3	–	3	0
Valentia (Cahirciveen)	1004.1	+2	W'N	4	c/ph₀	44	85	8	1500	St	9	–	9	2	1006.5	+4	W'N	4	bc	42	75	8	2500	StCu	5	–	5	4
Roches Point	1004.1	+1	WNW	2	c	43	92	8	2500	StCu	9	–	9	•	1005.3	+3	WNW	3	bc	41	97	8	1500	StCu	2	Ci Cu	3	1
Pembroke (St. Ann's H.)	1003.3	+1	SW W	4	ct	45	75	8	2500	StCu	6	A St	9	•	1003.4	0	SW'W	4	bc-	43	85	8	1500	CuNb	5	A Cu	7	1
Ross-on-Wye	1003.3	+1	WSW	3	c	45	75	5	4000	Cu	7	Ci St	8	2	1004.2	+1	SW'W	3	c-	41	85	6	4000	StCu	6	A Cu	8	•
Leafield	1003.8	+1	W'S	4	bc	43	75	7	4000	Cu	2	Ci	6	2	1005.2	+2	SSW	2	bcω	38	92	7	–	–	0	A St	4	•
Winchester (Worthy Dn.)	1004.6	+1	W	3	bc	44	75	8	2500	Cu	5	Ci	6	2	1005.7	+2	SSW	1	c	40	85	6	2500	StCu	4	Ci	8	•
S. Farnborough	1004.6	+1	W	3	b	46	65	7	2500	Cu	1	–	1	2	1005.9	+2	WSW	2	cω	37	85	8	1200	StCu	1	Ci St	8	•
London (Kew Obsy.)	1004.3	+1	W'N	2	b	44	65	6	2500	Cu	1	–	1	2	1005.9	+3	S	1	fbc	39	85	3	–	–	0	Ci	6	•
Croydon	1004.5	+1	W'N	1	bc	45	65	6	4000	Cu	2	A Cu	3	2	1006.4	+3	SSW	1	bct	37	85	5	–	–	0	Ci	7	•
Shoeburyness	1004.1	0	NW	1	bc	44	85	7	2500	Cu	1	A Cu	5	•	1005.9	+3	–	0	ffbc	38	97	3	2500	Cu	4	–	4	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.5	+2	SSW	2	bc	40	92	6	4000	StCu	3	–	3	1
Felixstowe	1005.0	0	–	0	c	44	75	6	2500	StCu	9	–	9	2	1006.0	+2	–	0	b-	39	92	6	–	–	0	Ci	1	0
Lympne	1003.9	+2	NW'W	3	mc	42	85	4	4000	Cu	9	–	9	2	1006.2	+2	WSW	2	b	39	75	5	–	–	0	Ci	1	•
9 Scilly (St. Mary's)	1006.5	0	WSW	3	ct	46	75	8	4000	StCu	8	–	8	•	1006.8	0	W	5	bc/pr₀	45	85	8	4000	CuNb	7	–	7	4
Falmouth (Pendennis)	~~1006.7~~	+1	WSW	3	ct	46	75	8	4000	CuNb	3	Ci St	8	•	1006.2	+1	NW'N	3	bc	43	85	8	4000	Cu	3	Ci St	5	0
Plymouth (Cattewater)	1005.5	+1	W	4	ct	46	65	8	4000	Cu	5	Ci	8	2	1006.0	+1	WSW	1	cr	43	85	6	1500	Nb	8	A St	9	1
Portland Bill	1005.0	+1	WSW	4	bct	46	85	8	2500	CuNb	1	Ci	7	•	1005.3	0	W	2	c/pr₀	44	85	8	1500	St	3	A St	10	1
Southampton (Calshot)	1005.1	0	W'N	4	bct	45	65	8	4000	Cu	3	Ci St	4	2	1006.2	+2	SW'W	3	ct	41	92	7	4000	Cu	3	Ci	8	0
Dungeness c/r	1004.5	+2	N	2	~~ct~~	43	92	6	800	St	6	A Cu	9	•	1005.9	+3	W	2	bc-	41	92	7	1500	Cu	3	–	3	2
Guernsey (Fort George)	1006.8	+1	SW	2	bc/PR	44	75	9	1500	CuNb	3	Ci	5	•	1006.0	+1	W	2	bcjp	40	92	6	800	CuNb	7	–	7	3

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	cmbz	bczbcf	bcfcwc	46	36	25	-	.03	4.4	*	*	2
Croydon } 24 hours ended 7h.	244	cmbcz	bcm₀	dcbcp	46	34	29	Tr.	Tr.	4.9	*	*	5
Greenwich (Royal Obsy.)	149	cbcbm	bbccm	cwbcd	46	36	29	-	Tr.	2.3	64	90	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.9	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	~~43~~ 46	36	28	-	-	3.2	95	92	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	3.3	*	*	*
Camden Square	110	cb	bbc	*	46	36	29	Tr.	-	*	*	93	*
Kensington Palace	80	obc	bc	*	47	36	-	-	.02	*	(At 18h) .74	90	*
Hampstead Observatory	450	*	*	*	45	33	26	-	.03	3.9	*	96	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 31st

	Max.	Time.	Min.	Time.
South Kensington	1.0	18h 30th	<0.3	3h 31st
Kew Observatory	0.6	18h 30th	<0.3	3h 31st

POLE STAR RECORD at Greenwich Obsy.

Exposure from 30th 18h. 0m. to 31st 6h. 30m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12 30	3 58	32
δ Ursae Minoris	12 30	3 34	28

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.

31st Jan. & 1st Feb., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.41 / 7.39	12.7 / 12.7	16.33 / 16.35
Greenwich	7.44 / 7.42	12.14 / 12.14	16.44 / 16.46
Wick	8.26 / 8.24	12.26 / 12.26	16.27 / 16.29
Valentia	8.26 / 8.25	12.55 / 12.55	17.23 / 17.25

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.

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.

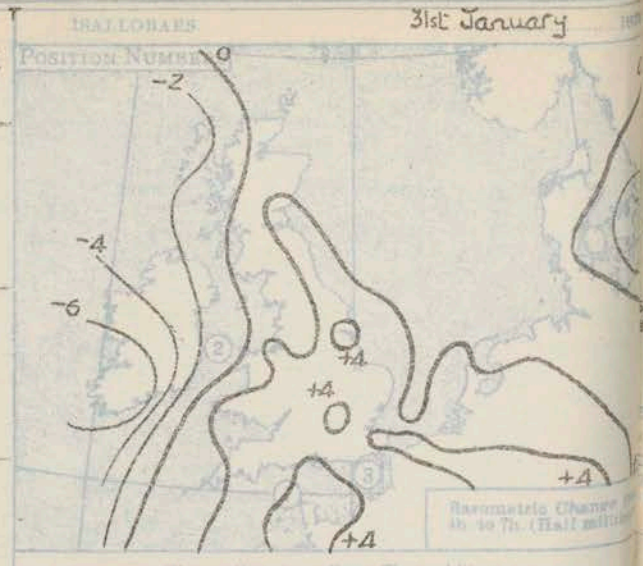
(47)

SUMMARIES FOR THE PAST 24 HOURS

STATIONS.	Weather. 7h.-13h. 30th	Weather. 13h.-18h. 30th	Weather. 18h.-30th 7h. 31st	Weather. 1h.-7h. 31st	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 30th Hours
Lerwick	c	cbc	cpr bc	bc pprc	43	36	.	–	–	1	<21.00	0.9
Stornoway	c	p	p	p	41	34	.	2	–	3	–	2.6
Wick	b-bc	b bc	b bc	b bc	40	34	.	–	–	–	–	.
Tiree	cbc	cbc	prh bc	prhc	44	34	30	–	–	0.4	<21.00	3.1
Nairn	bc	bc	bcx	bc	39	32	.	–	–	–	–	4.6
Aberdeen	bmbfub	bcbm	b	bx	41	32	25	–	–	–	–	5.8
Malin Head	cpc	crbcph	PHbcphc	bce	39	34	.	4	<8.00	1	<21.00	0.5
Renfrew	mcp	cpc	cpbx	bx	41	33	26	0.1	11.00	Trace	<21.00	2.5
Edinburgh (Inchkeith)	c	cbc	bcc	b.bc	41	36	32	Trace	9.00	–	–	4.3
Leuchars	[illegible]	cbcc	cbx	bx	39	32	26	–	–	–	–	3.1
Eskdalemuir	[illegible]	c	cbc	bcxcx	35	30	28	–	–	–	–	0.3
Tynemouth	c[illegible]	bcom	c	bc	44	34	28	–	–	–	–	.
Blacksod Point ...	p[illegible]	phph	bc	p	45	35	.	4	–	3	–	.
Donaghadee	bc	bcc	bx	bbcx	41	31	.	–	–	–	–	.
Birr Castle	bcid	cir	bccx	c	40	32	23	0.4	11.00	–	–	0.7
Holyhead	bcm c	c	r bc	bcb	44	38	34	0.1	17.30	0.1	<21.00	3.5
Liverpool (Bidston) ...	cbccv	vc bc	cor	cbcb	41	34	29	–	–	1	22.00	2.2
Chester (Sealand) ...	bm c	c	cbc	bzm	46	29	23	–	–	–	–	3.6
Harrogate	bcapc	cir	cbc	cbc	41	31	25	0.6	9.00	–	–	3.5
Spurn Head	cbc	b-bc	b.bc	bx	43	34	.	–	–	–	–	3.7
Birmingham (Edgbaston)	b	crhbc	bcpr	cbx	44	32	28	1	13.30	1	22.00	5.2
Cromwell	cmb	c	cm c	c	44	32	28	–	–	–	–	5.1
Gorleston	cid c	cbc	bc	bcmx	44	33	29	Trace	<8.00	–	–	1.4
Valentia (Cahirciveen)	bcphc	ophc	bophb	boid	45	36	33	2	9.00	0.5	<21.00	1.5
Roches Point	c	cpbc	cpbcb	bbcc	46	36	.	0.4	14.30	0.1	<21.00	.
Pembroke (St. Ann's H.)	bcc	cphrr	bcpq	bc	45	41	.	3	13.30	Trace	<21.00	2.0
Ross-on-Wye	bbcc	cgpc	cd bc	bx	45	33	24	0.2	13.30	0.4	<21.00	4.6
Leafield	bcb bc	pbc	becpr	cbcbx	46	30	23	Trace	14.30	0.3	22.00	5.7
Winchester (Worthy Dn)	bm bc	bcc	PG cmbcm	bcbffx	46	31	26	–	–	Trace	<21.00	5.4
S Farnborough ...	cb	bc	cbcm	bcbmx	47	31	25	–	–	–	–	5.2
London (Kew Obsy.) ...	cmbz	bczbcf	bcfm	bcwx	46	36	25	–	–	0.3	<21.00	4.4
Croydon	cmbz	bcm	cd cbc	cpbc	46	34	29	Trace	9.00	Trace	<21.00	4.9
Shoeburyness	crcbc	bcef	bcf	bcfbf	47	32	27	0.3	<8.00	–	–	2.4
Clacton-on-Sea ...	crcpc	cbc	bccm	cmbc	45	36	34	1	<8.00	–	–	3.2
Felixstowe	crcm	cmbc	bw	bwbcx	45	34	27	0.6	<8.00	Trace	–	2.7
Lympne	cccm	bcmb	bmbc	bcc	45	34	30	2	<8.00	–	–	1.3
Scilly (St. Mary's) ...	bcpc	cbcp	bc	bcb	48	43	.	0.4	9.00	0.1	<21.00	2.8
Falmouth (Pendennis)	bcc	crc	bcp	bc	46	39	.	0.2	12.30	0.2	<21.00	2.6
Plymouth (Cattewater)	bbcm	bcrrcm	crfm	bcbmx	48	34	29	0.2	15.30	1	<21.00	4.3
Portland Bill	bc	bccp	bc	bcb	47	41	.	Trace	17.30	–	–	.
Southampton (Calshot)	cbcb	bc	cerRr	bcb	46	34	28	–	–	4	22.00	5.1
Dungeness	crcrcr	bbc	bcepr	bbc	46	35	.	2	<8.00	1	1.30	.
Guernsey	bbcr	prcPR	crc	cbcv	47	40	.	3	<8.00	2	<21.00	4.5

† For code see page 1.

+ Trace = rain or snow falling, but amount less than 0·1 mm.



Observations from Cross Channel Steamers.

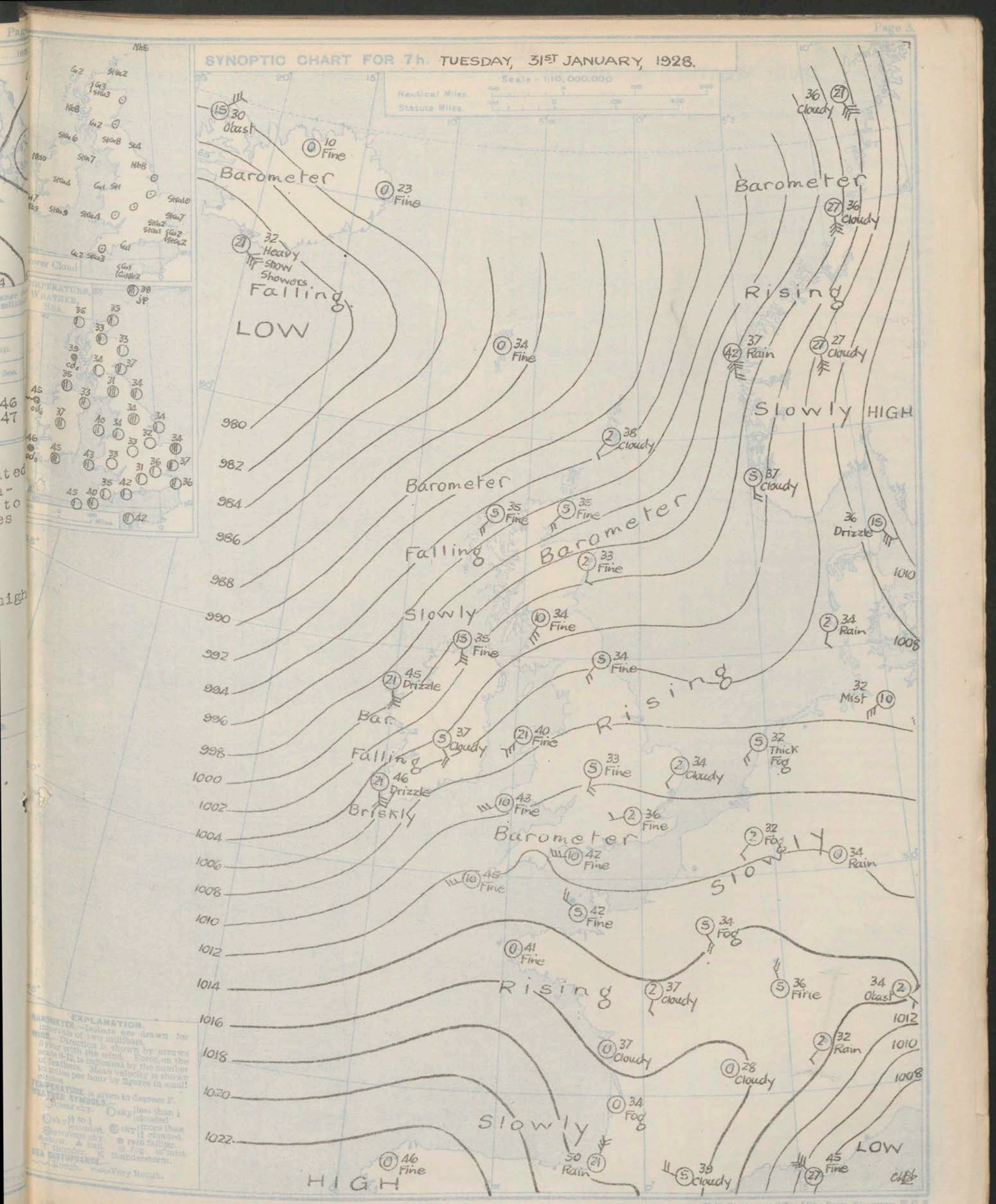
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	30th 10h	Cambria	SW	4	bc	48	46
3	31st 2h.	Dieppe	W	3	bc	45	47

GENERAL INFERENCE.

An area of rain associated with a deep depression south-west of Iceland is expected to pass across the British Isles during the next twenty four hours. Winds will become fresh to strong from between south and southwest and temperature will be rather high than of late.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 31st January, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Wind mainly southwesterly, moderate to fresh, stronger at times; intermittent rain at first, probably brighter, but with local showers, tomorrow; moderate temperature.	Continuing unsettled.
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 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind mainly southwesterly, strong at times, perhaps reaching a gale; intermittent rain this evening; showers of rain, hail or sleet tomorrow with bright periods; moderate to rather low temperature.	

Meteorological Office, Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0910 G.M.T. G. C. Simpson, F.R.S., Director.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday 31st January 1928. No. 31

Observations at 1h. G.M.T. 31st

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	993·6	+2	SW	1	bc	39	92	8	4000	Cu	6	-	6
Stornoway	30	997·2	+3	NW	2	c|PR	•	•	6	•	•	•	•	10
Wick	81	996·0	+2	SW	3	c	36	92	8	2500	StCu	6	CiSt	8
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1002·8	+4	SW	4	bc|ph	37	97	8	4000	CuNb	3	-	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	199	1001·2	+4	WSW	3	bc	36	85	8	4000	Cu	3	-	3
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1003·3	+2	SW	2	bc-	37	92	6	1500	CuNb	5	-	5
Blacksod Point ...	18	1004·3	+1	W	5	bc	42	?	7	•	StCu	7	-	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1006·1	+4	WNW	4	bc	40	92	8	4000	StCu	3	Ci	4
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1005·0	+1	WSW	3	bc	37	92	6	4000	Nb	5	aCu	7
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1006·0	+1	WSW	3	c	37	97	7	4000	StCu	5	aCu	9
Gorleston	14	1006·9	+1	SW	1	bc	36	92	6	1500	St	3	CiSt	4
Valentia (Cahirciveen) ‖	30	1009·7	0	W	3	c	43	97	9	-	StCu	9	-	9
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1008·0	+3	NW'W	3	bc-	42	85	8	2500	Cu	3	aCu	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	41	•	•	•	•	•	•	•
Croydon	244	1007·6	+1	SSW	2	bc-	38	97	6	2500	StCu	2	aCu	4
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	360	1007·8	+1	SSW	3	bc+	38	97	8	2500	Cu	6	-	6
Scilly (St. Mary's) ...	163	1011·3	+4	WNW	4	bc	45	75	9	4000	Cu	4	-	4
Falmouth (Pendennis)	200	1010·1	+4	WNW	2	bc+	43	75	8	4000	CuNb	5	-	5
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1007·3	+1	W'N	3	bc	43	75	8	2500	StCu	3	Ci	6
Southampton (Calshot)	10	1007·9	+1	NWN	2	bc|r	39	92	8	1500	St	7	-	7
Dungeness	20	1008·2	0	WSW	3	c|bp	42	85	8	1500	CuNb	8	-	8
Guernsey (Fort George) ‖	296	1009·0	+2	WNW	2	bc+	44	85	6	2500	StCu	6	-	6

Observations at 7h. G.M.T. 31st

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	Sec. 0-9
Lerwick	993·5	0	SW	1	c|p	38	97	7	4000	Nb	5	aSt	9	•
Stornoway	995·4	-2	SW	2	b|r	35	92	7	4000	Cu	2	-	2	1
Wick	997·7	+1	SW	2	bc	35	97	8	2500	StCu	2	CiSt	5	0
Tiree	999·1	0	S	3	cd	39	85	7	1500	Nb	8	-	8	1
Nairn	998·9	•	-	0	bc+	33	85	8	4000	Cu	6	-	6	•
Aberdeen	1001·3	+1	S	1	b	33	85	6	-	-	0	aCu	1	0
Malin Head	1001·2	-3	S	4	bc+	35	97	8	5700	StCu	6	-	6	2
Renfrew	1003·4	0	SSW	3	b	34	92	7	5700	Cu	2	-	2	•
Edinburgh (Inchkeith)	1003·1	+1	SW	3	bc+	37	85	8	-	-	0	aCu	4	1
Leuchars	1002·7	+2	WSW	3	b	32	97	7	-	-	0	Ci	1	•
Eskdalemuir	1005·0	0	SW	3	c	31	92	7	1500	StCu	8	-	8	•
Tynemouth	1005·8	+2	SW	2	bc	34	92	6	800	St	4	-	4	1
Blacksod Point ...	999·3	-4	S'E	5	od	45	75	5	•	Nb	10	-	10	6
Donaghadee	1005·2	-1	W	1	bc-	33	85	8	4000	StCu	7	-	7	1
Birr Castle	1004·0	•	SSE	2	c+	37	85	7	2500	StCu	4	aSt	9	•
Holyhead	1007·5	0	SW	4	bc+	40	85	8	4000	Cu	1	aCu	4	3
Liverpool (Bidston) ...	1008·3	+2	SSW	3	b+	34	85	8	2500	St	1	-	1	•
Chester (Sealand) ...	1007·7	+1	SSE	1	b	31	92	5	-	-	0	-	0	•
Harrogate	1007·5	+1	SSW	1	c+	34	92	7	2500	Nb	8	-	8	•
Spurn Head	1007·6	+4	W'S	1	b	34	97	6	-	-	0	CiSt	1	0
Birmingham (Edgbaston)	1009·8	+2	SSW	2	b	33	92	7	-	-	0	-	0	•
Cranwell	1009·1	+3	WSW	2	b	32	97	6	-	-	0	-	0	•
Gorleston	1009·0	+2	SW'W	1	c	34	97	5	2500	StCu	10	-	10	0
Valentia (Cahirciveen) ‖	1004·7	-6	S'E	5	od	46	85	7	1500	St	10	-	10	4
Roches Point	1008·4	-1	SW	3	c	45	92	8	2500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1009·4	+2	WSW	3	bc	43	85	8	2500	StCu	4	-	4	1
Ross-on-Wye	1010·1	+2	SW	2	b	33	92	7	-	-	0	-	0	•
Leafield	1010·3	+2	S	1	b	31	92	7	-	-	0	-	0	•
Winchester (Worthy Dn.)	1010·8	+3	W'S	3	b|f	31	97	6	2500	StCu	2	-	2	•
S. Farnborough ...	1010·4	+3	W	1	b	31	97	6	5700	StCu	1	-	1	•
London (Kew Obsy.) ...	1010·6	+4	W'S	1	b	36	97	5	-	StCu	2	-	2	•
Croydon	1010·6	+3	WSW	1	bc-	34	92	5	1500	St	3	-	3	•
Shoeburyness	1010·0	+2	W	1	fb-	35	97	4	-	-	0	aSt	2	•
Clacton-on-Sea ...	1009·5	+3	WNW	3	bc	37	92	6	4000	StCu	7	-	7	1
Felixstowe	1010·1	+3	W	1	bc	36	97	4	4000	StCu	7	-	7	0
Lympne	1010·4	+4	NW'W	2	c	35	97	7	2500	StCu	9	-	9	•
Scilly (St. Mary's) ...	1012·1	0	WSW	3	b	45	85	8	4000	Cu	2	-	2	4
Falmouth (Pendennis)	1011·7	+1	W'N	2	bc	40	85	8	4000	StCu	3	-	3	1
Plymouth (Cattewater)	1012·3	+3	NE	2	b	35	97	6	-	-	0	Ci	1	0
Portland Bill	1010·9	+2	W	3	b	42	75	8	2500	Cu	1	-	1	1
Southampton (Calshot)	1011·3	+4	W'N	2	b-	34	97	8	-	-	0	-	0	0
Dungeness	1010·3	+3	W	2	bc-	36	97	8	1500	Cu	4	-	4	2
Guernsey (Fort George) ‖	1012·9	+4	NW	2	bc	42	75	9	2500	CuNb	3	-	3	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 30th January

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 29th to 9h. 30th.	Temperature. Max. 9h.-17h. 30th.	Rainfall.† Night 17h.-9h. 29th-30th.	Rainfall.† Day 9h.-17h. 30th.	Sunshine. Sunrise to Sunset. 30th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	bc	bc	33	40	1	-	5·7
Douglas (I. o. M.) ...	cbcR	PHbc	35	41	1	3	3·4
Llandudno ...	cbbc	bccb	40	43	2	-	1·8
Colwyn Bay ...	rorcb	bpcbc	38	44	3	-	2·3
Rhyl	bc	bc	34	44	6	-	2·3
Wallasey	bcc	bccbc	35	43	0·3	-	2·0
Southport	rhcbc	cbcc	*38	44	*2	-	2·6
Blackpool	c	c	38	43	0·1	-	1·4
Ilkley	crs	or	33	40	0·2	5	0·9
Cleethorpes	b	bc	37	45	2	1	4·0
Skegness	dcbcb	bbc	37	45	5	-	3·9
Aberystwyth ...	pbc	bcc	40	44	0·5	-	1·9
Bath	b	bbcc	33	46	2	-	4·5
Cheltenham ...	cbcb	bbcc	34	44	2	-	5·6
Leamington Spa ...	bc	c	34	45	0·5	-	4·2
Lowestoft	o	ocbcw	39	43	0·5	-	1·3
Felixstowe	crc	bc	40	45	0·6	-	2·6
Harwich & Dovercourt	rococ	bcbw	39	46	0·1	-	3·1
Southend	ozc	cbcf	39	50	1	-	3·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cbcob	ocb	40	46	0·2	2	2·7
Bude	bcp	bcp	40	47	2	1	3·6
Penzance	cbc	cbcor	36	48	2	1	1·3
Paignton	bwmx	bbcob	33	48	-	(trace)	5·0
Torquay	bmbtc	cob	35	48	-	-	5·2
Jersey	rbc	bc	40	49	5	-	5·7
Weymouth	b	bbcb	35	48	-	-	5·5
Bournemouth ...	b	bbco	36	47	9	-	5·4
Ventnor ...	b	b	37	46	4	-	5·6
Portsmouth (S'thsea)	b	bbc	39	47	4	-	5·3
Bognor	bcb	b	38	47	5	-	5·4
Littlehampton ...	bc	bc	39	46	5	-	5·1
Worthing	cbc	bbc	39	45	5	-	5·7
Brighton	ocbc	bcb	40	46	5	-	5·6
Eastbourne	mrobc	bcb	40	47	2	0·1	5·4
Hastings‖	orcbc	bcb	40	45	3	1	4·3
Folkestone	omdc	cbcf	40	45	2	1	4·9
Dover	or mocf	cbcf	40	45	2	2	5·2
Tunbridge Wells ...	rocb	bcb	37	48	2	trace	4·7
Ramsgate	dom	obcw	40	44	1	0·5	1·6
Margate	odc	cbc	40	44	1	0·3	1·7
Deal	od or	obcc	40	44	1	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.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, JANUARY 1923.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Dungeness	13h. Temp. 40. 7h. Wind ESE
	Guernsey	13h. " 43.
	Pole Star Record.	31st to 1st 17.15 to 7.0.
	Polaris	13.45. NIL NIL
	δ Ursae	13.45 NIL NIL
	Edinburgh	Sun. 2.5
	Holyhead	Wthr. 18-1. cm.
	Shoeburyness	Sun. 2.0.
	Scilly	Rain night. 0.1
	Spurn Hd.	1h. Wthr. 0. Cloud: 4000 St. 10-10
	Wick	7h. " bc
2nd	Birr	13h. Bar. 1009.9.
	Birmingham	13h. Wthr. ffo. Temp. 31. Vis. 2.
	Dungeness	13h. Wind SE. Cl. ht. 1000.
	"	18h. Cl. ht. 1000. 7h. Cl. total 9.
	Greenwich	Max. 37. Min. 36.
	Edinburgh	Min. 34. 1h. Wthr. c. Cl. total 9.
	Roches Pt.	Wthr. 18-1. orrc
	Calshot	Sun. 0.5
	Holyhead	7h. Vis. 7.
	Croydon	Bar. 1013.7.
	Paignton	Sun. to sunset 2.1.
	Torquay	" - - 1.7.
3rd	Renfrew	18h. Wind force 2. Sun 2.9
	Clacton	18h. Temp 35.
	Dungeness	18h Cl. ht. 1000. Max. 41.
	Hampstead	41: 31: 22: 21: 03: 96.
	Leuchars	Wthr. 7-13 c. Rain day. -.
	Chester	" " rs fc.
	Lerwick	1h. Wind force 2.
	Edinburgh	1h. Wthr. mmb
	Dungeness	1h. Cl. ht. 1000
	Birr	7h. Temp 33.
	Gorleston	7h Wind W'N.
	Felixstowe	7h. " WNW.
	Portland Bill	7h. Hum. 75.
	Harwich	Wthr. forenoon roc. afternoon roc
	Southend	" " orr " orr
4th	Leuchars	18h. Wthr. bc ⦶
	Harrogate	18h. " bc+. Cl. amt. 3.
	Westminster	Gr. min. (26)
	Leuchars	Rain night. -.
	Harrogate	Min. 34.
	Cranwell	Wthr. 1-7. mprs. 1h. Wthr. fo-
	Guernsey	Sun. 5.6.
	Tynemouth	1h. Hum. 85.
	Holyhead	7h. Wind SW'W.
5th	Dungeness	7h. Bar. 1024.3. Cl. amt total 9.
	Stornoway	13h. Wind force 5.
	Donaghadee	13h. Temp. 51.
	Birr	13h. Bar. 1014.5.
	Dungeness	13h. Cl. ht. 1500.
	Harrogate	18h. Bar. Change +1
	Dungeness	18h Temp. 45. Cl. ht. 1000
	Westminster	Gr. min. (30)
6th	Wick	13h. Wind force 3.
	Malin	13h. Cloud: St. Cu. 9 - 9.
	Edinburgh	13h. Temp. 40.
	Westminster	Gr. min. (32)
	Leuchars	Min. 38.
	Gorleston	Wthr. 7-13. bq.
	Leafield	Max. 42.
	Felixstowe	Rain night 7.. time 1.30.
	Dungeness	Max. 46. Min. ?. 1h. Vis. 8.
	Wick	7h. Wind SSE.
	Renfrew	7h. Bar. 988.2.
	Donaghadee	7h. - change -8.
	Felixstowe	7h Sea 6.
	Rhyl	Max. ?
	Cleethorpes	Wthr. afternoon 0.
	Ventnor	Max. 46.
7th	Eskdalemuir	13h. Bar. change +11.
	Birr Castle	13h. Vis. 6.
	Pembroke	18h. Cloud St. Cu. 6. A. Cu. 8.
	Kew	Rain night. -. Gr. min. 30.
	Westminster	56: 38: (28). -: -: 48: 86.
	Hampstead	Sun. 2.7.
	Harrogate	Rain night 1.
	Falmouth	Min. 46.
	Plymouth	Wthr. 13-18. cqd bc
8th	Edinburgh	13h. Wind force 4
	Dungeness	13h. Cl. ht. 1000 18h. Cl. ht. 1000
8th	Pembroke	18h. Wthr. od
	City	Sun. 0.0.
	Westminster	53: 45: (40): -: -: 0.0: 81: 83.
	Regents Pk.	Sun. 0.0.
	Hampstead	" 0.0.
	Pole Star Record	Polaris Record 1.28. 11%
	"	δ Ursae " 1.21. 10%
	Aberdeen	Max. 43.
	Renfrew	Wthr. 18-1. odrRPq.
	Leuchars	" 1-7. bbc
	Liverpool	Gr. Min. 41.
	Roches Pt.	Wthr. 7-13. odd
	S. Farnboro'.	" 18-1. oc.
	Plymouth	" 13-18. omqdd
	Dungeness	7h. Cl. ht. 1000.
9th	Tynemouth	13h. Wind W.S.
	Donaghadee	13h. " WNW.
	Plymouth	13h. Cl. total 10.
	Tiree	18h. Bar. 998.7.
	S. Farnboro'	18h. Bar. change +1.
	Falmouth	18h. Temp. 47. 7h. Bar. change -1.
	Calshot	18h. " 43.
	Westminster	Gr. Min. (29)
	Nairn	Min. 34.
	Leafield	Wthr. 18-1. bcbw.
	Felixstowe	Max. 50.
	Dungeness	1h. Cl. ht. 1500
	Spurn Hd.	7h. Wthr. bc
	Rhyl	Max. ?
	Littlehampton	Sun. 3.4.
10th	Wick	13h. Temp. 41.
	Malin	13h. Cloud Cu Nb 2. A. Cu 3.
	Guernsey	13h. Bar. 1014.7
	Westminster	Gr. Min. (30)
	Lerwick	Min. 34.
	Leuchars	Wthr. 1-7. crc
	Cranwell	" 13-18. crbcb
	Leafield	Max. 47. Min. 34.
	Scilly	" 52.
	Dungeness	Min. 41.
	Wick	1h. Bar. 990.6. 7h. Cloud upper Cu St.
	Spurn	1h. Wthr. bc.
	Blacksod	7h. Bar. change -18.
	Birr	7h. Wind force 5.
	Clacton	7h. Temp. 39.
	Guernsey	7h Wind S.W.
11th	Stornoway	13h. " S.W.
	Aberdeen	13h. Wthr. b-
	Spurn	13h. Temp. 40. 18h. Wthr. bc
	Gorleston	13h Bar. (1004.0) 1h Temp. 40.
	Tynemouth	18h. Sea 2.
	Birr	18h. Temp. 38.
	Birmingham	18h. Hum. 65
	Dungeness	18h. ". 92.
	Croydon	Sun. 0.1.
	Westminster	Gr. min. (32)
	Malin	Sun. 1.1.
	Leuchars.	" 2.4.
	Donaghadee	Min. 34.
	Birr	" 32.
	Cranwell	Wthr. 13-18. crbc.
	Leafield	Min. 34.
	Kew	Rain night 0.1.
	Spurn	7h. Wthr b.
	Eastbourne	Sun. 0.6.
12th	S. Farnboro'	13h. Cl. ht. 1500.
	Dungeness	13h. Wthr. cr.
	Wick	18h. Temp. 35.
	Pembroke	18h. Sea 2.
	S. Farnboro'.	18h. Wind WNW.
	Westminster	Gr. min. (23)
	Birr	Wthr. 13-18. bc. Rain day. -.
	Leafield	" 1-7. bbcx.
	Lerwick	1h. Vis. 7.
	Birmingham	7h. Bar. 1014.4
	Clacton	7h. Wind WNW.
	Eastbourne	Wthr. forenoon. bcoro.
13th	Harrogate	18h. Bar. change -3.
	Kew	18h. Bar. 1007.1
	Westminster	Gr. min. (34)
	Edinburgh	Rain day 1.
	Chester	Wthr. 7-13. cpr
13th	Felixstowe	Max. 44.
	Wick	1h. Temp. 41
	Edinburgh	1h. Wind W.
	Tynemouth	1h " WSW.
	Kew	1h. Temp 50
	Dungeness	1h. Cl. ht. 1000.
	Birr	7h. Wind W.
	Torquay	Rain day. 7.
14th	Wick	13h. Temp. 41. Max. 44.
	Birr	18h. Vis. 8. Min. 47.
	Westminster	Gr. min. (31).
	Regents Pk.	Sun. 2.5.
	Donaghadee	Rain day beg. <8.00
	Falmouth	Sun. 4.8.
	Cranwell	1h. Bar. 1006.2.
	Valentia	1h. " change -4.
	Lympne	1h. Hum. 92.
	Birmingham	7h. Cl. ht. 2500.
15th	Renfrew	13h. Wind force 3.
	Birmingham	13h. Wthr. ofr.
	Cranwell	13h. Ground 1. 18h. Vis. 5.
	Lerwick	18h. Wind force 4.
	Nairn	18h. Temp. 41.
	Westminster	47: 38: (32): 2: 85: 71.
	Camden Sq.	48: 40: 34: 1: 1: 92.
	Pole Star Record	14th 17.30 to 15th 6.45.
	"	Polaris 13.15: 8.32. 64
	"	δ Ursae: 13.15: 7.57: 60.
	Malin	Rain night. 2.
	Cranwell	Wthr. 7-13. bcor. 7h. Vis. 7.
	Lerwick	7h. Bar. 981.5.
	Wick	7h. Wind force 3.
	Aberdeen	7h. 985.1
	Malin	7h. Sea 7.
	Birr	7h. Bar. 988.6.
	Ross	7h. Wind SW'W.
16th	Edinburgh	13h. Temp. 42.
	Liverpool	13h. " 42. Max. 45.
	Malin	18h. Bar. 976.9
	Westminster	Gr. Min. 36.
	Chester	Wthr. 1-7. corrqm
	Harrogate	Sun. 11.
	Guernsey	Max. 48.
	Malin	1h. Temp. 46.
	Tynemouth	1h " 41
	Stornoway	7h. Bar change +6.
17th	Felixstowe	13h. Temp. 43.
	Donaghadee	18h. Cl. ht. 4000.
	Westminster	Gr. Min. 26.
	Cranwell	Wthr. 13-18. cmrcrc. Max. 44.
	Leafield	" 18-1. bw. 1-7. bx
	Plymouth	" 7-13. qcprb.
	Cranwell	7h. Wthr. mb.
	Falmouth	7h. Vis. 7.
18th	Birr	13h. Wthr. bc+.
	Spurn	13h. Temp. 39. Hum. 85. Vis. 5.
	Plymouth	13h. " 50.
	Spurn	18h. Wthr. bc.
	Westminster	Gr. min. (24)
	Winchester	Max. 47. Gr. min. 19.
	S. Farnboro'.	Wthr. 18-1. bmrfx 1-7. bfemx.
	Scilly	" 7-13. bcad
	Falmouth	Max. 48. 1h. Wind S'W.
	Plymouth	" 50
	Portland	7h. Hum. 92. Vis. 8.
19th	Donaghadee	13h. Wthr. odd.
	Gorleston	13h. Wind force 3.
	Plymouth	18h. Cl. ht. <150.
	Valentia	Max. 53. Min. 41.
	Ross	Wthr. 18-1. rdrc
	Felixstowe	Max. 41.
	Stornoway	7h. Wind SE.
	Leuchars'	7h. Hum. 92.
	Dungeness	7h. Bar. change +5.
20th	"	13h. " 1018.9
	Edinburgh	13h. " 1016.0 Rain night 0.5.
	Eskdalemuir	Rain began 2.30.
	Lympne	1h. Wind NW'W Hum. 97.
	Douglas	Rain night 13. day. -.
	Jersey	" day -
	Brighton	6: 6: 47: 47: 18: -: 7.0.

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, JANUARY 1928.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
21st	Eskdalemuir	13h. Wthr. fo.
	Stornoway	18h. Hum. 75.
	Nairn	Wthr. 18-1. bcq Rain began 12.30
	Donaghadee	Rain began. -.
	Chester	Wthr. 7-13. crm.
	Ross	" 1-7. bccd
	Plymouth	" 13-18. omrd bc
	Tynemouth	1h. Bar. 1017.1.
	Spurn Hd.	7h. Wthr. ffo.
	Ramsgate	Wthr. oro.
22nd	Edinburgh	13h. Cloud: CuNb 8. A.Cu. 10.
	Holyhead	13h. Bar. 1003.5. Wthr. 13-18. rrrrk
	Portland	13h. Temp. 49.
	Calshot	18h. Bar. 1013.5.
	Dungeness	18h. Wthr. c/d.
	Westminster	51: 42: 41: 1: 93: 51.
	S. Kensington At.	Pollution Max. 0.3 9h. 21st
		" Min. <0.3. 24h. 21st
	Eskdalemuir	Wthr. 18-1. oirmo.
	Worthy Dn	" 7-13. odd md. 13-18 omgf
	Plymouth	" 18-1. oq RRM.
	Wick	1h. Vis. 8
	Croydon	1h. Hum. 85.
	Birmingham	7h. Bar. 1006.4.
	Ross	7h. Vis. 8.
	Shoeburyness	7h. Bar. change -4.
	Dungeness	7h. Cl. ht 1500
	Blackpool	0: or: 39: 54: 0.3: 7: 0.0.
	Folkestone	Min. 44.
23rd	Tiree	13h. Cl. amt. 6.
	Birr	13h. Temp. 46. 18h. Wind force 2
	Pembroke	13h. Temp. 45.
	Ross	13h. Hum. 65
	Plymouth	13h. Bar. 1015.9.
	Calshot	13h. Wthr. b.
	Lerwick	18h. Cl. Total 3.
	Edinburgh	18h. Wthr. b.
	Birmingham	18h. Wind WNW.
	Westminster	Max. 47.
	Chester	Wthr. 13-18. bbmo
	Cranwell	Rain day 2.
24th	Liverpool	13h. Wthr. orr. Cl. total 10.
	Chester	Wthr. 13-18. crrmcm
	Roches Pt.	" 7-13. or. old
	Leafield	" 1-7. ror.
	Pembroke	Rain day 12.
	Ross	7h. Wind force 5.
	Dungeness	7h. Cl. ht. 1000.
	Guernsey	7h. Wind force 6. Wthr od. + Temp. 50.
25th	Malin	13h. " 34 Min. 39.
	Renfrew	13h. Bar. 993.3. change +9.
	Roches Pt.	13h. Wthr. cr.
	Leafield	13h. Wind WSW.
	S. Farnboro'	13h. " force 5.
	Edinburgh	18h. Cloud Nb.
	Holyhead	18h. Wind W.
	Westminster	Max. 53.
	Lerwick	Min. 35.
	Chester	Wthr. 18-1. cprq bcb.
	Gorleston	Max. 56.
	Winchester	Wthr. 7-13. orrc
	Tynemouth	1h. Cl. ht. 1500
	Scilly	1h. Bar. 1023.8.
	Eskdalemuir	7h. Wthr. b/s.
26th	Leuchars	13h. Bar. 1007.5.
	Plymouth	13h. " change -4.
	Renfrew	18h. Temp. 42.
	Leafield	18h. Bar. 1018.9
	Falmouth	18h. Hum. 85 Vis. 8.
	Holyhead	Wthr. 18-1. rcbl.
	Plymouth	" 18-1. cPRqr.
	Croydon	1h. Temp. 45. Hum. 85.
	Dungeness	7h. Cl. ht. 1500.
	Rhyl	Wthr. bcco Rain day -.
27th	Edinburgh	13h. Wthr. crs.
	Winchester	13h. " cr. 18h. Wind force 4.
	Dungeness	13h. Cl. ht. 1500.
	Valentia	18h. Bar. 1008.1. change +5.
	Clacton	18h. Wind S.
	Lerwick	Wthr. 18-1. orrc.
	Tiree	Rain began 2-30.
27th	Holyhead	Wthr. 7-13. tlr. + KQPHr.
	Cranwell	" 18-1. crbcb
	Roches Pt.	" 1-7. bcpb
	Leafield	Max. 45.
	Croydon	Max. 45
	Shoeburyness	" 43.
	Clacton	Rain began <21.00
	Dungeness	Max. 45.
	Guernsey	Rain day 4. <8.00.
	"	" began <21.00.
	Portland	1h. Bar. 1009.3.
	Eskdalemuir	7h. Hum. 85.
	Harrogate	7h. Temp. 30.
	Spurn Hd.	7h. Wthr. bc.
	Pembroke	7h. Bar. 1013.5.
	Guernsey	7h. Cloud amt. low 7.
	Rhyl	Min. 38
28th	Edinburgh	13h. Wthr. bm.
	Birr	13h. Bar. 1019.8.
	Birmingham	13h. Ground 2.
	Westminster	Max. 41.
	Tiree	" 44
	Chester	Wthr. 1-7 bxorm.
	Winchester	" 7-13 cprs.c
	Dungeness	Min. 29.
	Lympne	1h. Wthr. mmb
	Wallasey	Sun. 7.0.
	Jersey	Min. 41.
29th	Birmingham	13h. Wind SSW 18h. Cl. amt 9.
	Ross	13h " force 5.
	Westminster	45: 43: 35: 7: 91: 93.
	S. Kensington	Atmospheric Pollution Max. 0.6 10h 28th
	"	" - Min. <0.3. 3h. 29th
	Pole Star Record	28th 18.00 to 29th 6.30.
	"	Polaris 12.30. 0.30 4%
	"	δ Ursae 12.30. 0.27 4%
	Lerwick	Rain day 3. 4.00.
	Tiree	" " 1.
	Spurn	" night 0.2.
	Winchester	Wthr. 13-18 orrm. 1-7. ofs rrm
	Calshot	" 7-13 crrr 13-18. orrqm
	Dungeness	Rain night 6. 1h. Cl. ht. 1500.
	Felixstowe	7h. Bar. 1004.8.
	Scilly	7h. " 993.3
30th	Donaghadee	13h. Cl. ht. 2500. 18h. Cl. ht. 2500
	Holyhead	Ground 2. Wthr. 18-1. irbc
	Gorleston	13h. Hum. 95.
	Roches Pt.	13h. Cl. amt. low 7. upper. C. Cu.
	Shoeburyness	13h. Wind. force 6.
	Dungeness	13h. " SSW.
	Birr	18h. " force 1.
	Regent's Pk.	Sun. 2.1.
	Leuchars	Wthr. 7-13. cx.
	Eskdalemuir	Rain day 7.
	Cranwell	Max. 43. Min. 31.
	Scilly	" 49.
	Guernsey	" 45.
	Edinburgh	1h. Temp. 37.
31st	Chester	13h. " 47. 18h. Cloud total 10.
	Falmouth	13h. Bar. 1005.9.
	Dungeness	13h. Wthr. c/r. 18h. Temp. 41.
	Eskdalemuir	18h. Bar. 999.6.
	Westminster	Max. 46.
	Chester	" 47.
	Winchester	Wthr. 18-1. pcmbcm Time <21.00
	Dungeness	Rain night 1. 7h. Temp. 35.
	Roches Pt.	7h. Bar. change -4.
	Douglas	cbcR: PHbc: 35: 41: 1: 3: 3.4.
	Southport	Rain night 2.
	Bath	b. bbcc: 33: 46: 2: -: 4.5.
	Dover	Wthr. forenoon. mocor.

‡ The barometric change is expressed in half millibars.

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.	Weather. 13h.-18h.	Weather. 18h.-1h.	Weather. 1h.-7h.	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass.	Rainfall.† Day. 7h.-18h.	Rainfall.† Night. 18h.-7h.	Rainfall.† Precipitation Inches	Sun. Hours.
2nd	Tiree	7h.	997.5	+1	SSW	4	or.	43	85	7	1500	Nb	10	-	10	4					42	41	39		4	21.00	0.0
5th	Birr	7h.	?	*	WSW	3	bc+	41	92	7	2500	St.Cu	7	-	7	*			rog	cpr.		37	31		-	-	0.0
14th	Blacksod	7h.	990.5	-4	S	6	oRR	50	97	1	*	Nb	10	-	10	7			bc	bc							
15th	Tiree	13h.	987.7	-2	SSW	5	or.	47	97	6	800	Nb	10	-	10(g)	2	rrm.o			Rqr	49	44	*		11	*	*
	"	18h	986.3	0	SW'W	6	b	45	75	6	1500	Cu.Nb	2	-	2	4		pc.bc.						8		<8.00	
	"	7h.	974.0	-6	S	7	od.	43	97	7	800	Nb	10	-	10	6			pMq	bhqd.	49	38	35		14	<21.00	0.1
16th	"	13h	969.0	-3	S	7	ojp	45	97	6	450	Nb	10	-	10(g)	2	rro										
	"	18h	970.6	+2	NNW	3	bc	46	97	6	1500	Cu.Nb	4	-	4	5		pdq						7		<8.00	
	"	7h.	978.9	+4	NNW	6	b	44	92	8	1500	Cu	2	-	2	5				cobc	46	43	40		06	<21.00	0.0
20th	Blacksod	1h.	1006.0		S	8	oRR	51			*	Nb	10	-	10	*			qRq								
	"	7h.	1004.7	+2	SW	6	bc	52	85	6	*	St.Cu	7	-	7	6				RRq.bc	52	39	*		14	*	
21st	"	13h	1010.1	+2	S	5	b	50	75	8	*	-	0	-	0	*	bcb										
	"	18h	1010.9	-2	S	6	bc	50	85	7	*	Cu	3	-	3	7		pcb						1		*	
	"	1h.	999.3	-4	S	6	c	51	92	6	*	Cu.Nb	8	-	8	*			pc								
	"	7h.	990.6	-2	S	7	c	50	85	7	*	-	0	A.St	10	8				RRo	52	36	*		4	*	
22nd	"	13h.	992.6	+2	S	6	c	49	75	8	*	Cu.Nb	8	-	8	*	pc										
	"	18h.	998.8	+6	S	4	bc	47	75	7	*	Cu.Nb	6	-	6	5		pcbc						Trace		*	
23rd	Aberdeen	18h.	1011.6	+3	WNW	2	b	37	85	6	-	-	0	-	0	0		bm.						-		-	
25th	Portland Bill	1h.	1021.3	+4	WSW	6	b	44	75	8	-	-	0	-	0	*	bqpb										
	"	7h	1025.0	+1	WSW	6	b	44	75	8	2500	St.Cu	1	-	1	7		bcb			50	43			Trace	-	
26th	Blacksod	13h	999.2	-5	SW	8	c	46	75	6	*	St.Cu	10	-	10	*	bhHq										
	"	18h	1000.8	+2	WSW	7	c	41	85	6	*	Cu.Nb	10	-	10	8		Hqho						15		*	
	"	1h.	1002.6	+2	W	7	c	40	75	6	*	Cu.Nb	8	-	8	*			Hqho	Hpqo	49	35			5	*	
26th	Blacksod	7h.	995.2	-3	NW'W	7	c	39	92	6	*	Cu.Nb	10	-	10	8											
	Portland Bill	1h	1019.0	0	SW	7	or	48	75	6	2500	Nb	10	-	10	*			cqRq								
	"	7h.	1016.6	-3	WSW	4	c	46	75	8	1500	St	8	A.St	10	5				oc	49	45			2	<21.00	
	Leafield	7h.	1014.9	-3	S	3	c	36	97	7	5100	St.Cu	2	A.St	8	*			corq	cpr		35	33		3	<21.00	3.4
27th	Portland Bill	13h	1007.3	-9	SW	6	c-	48	85	8	1500	St	8	-	8	*	cqRq										
28th	Blacksod	1h	1011.4	-13	SW	5	od+	49	92	4	*	Nb	10	-	10	*											
	"	7h.	1008.4	-3	W	4	odd	49	92	5	*	Nb	10	-	10	5			dD	dd	50	45	*		7	*	
29th	Stornoway	18h	998.0	+2	NW	2	b	39	85	7	4000	Cu	2	-	2	1	bepb							0-3		*	
	"	7h.	991.1	+4	SW	2	bc	40	92	6	4100	Cu	3	-	3	1				bepb	47	36			Trace	*	1.4
30th	"	13h	993.2	+1	SW	2	c/r	43	85	6	2500	Nb	7	A.Cu	8	*	cr										

‡ The barometric change is expressed in half millibars.