M.O FORM 2373

AIR MINISTRY.

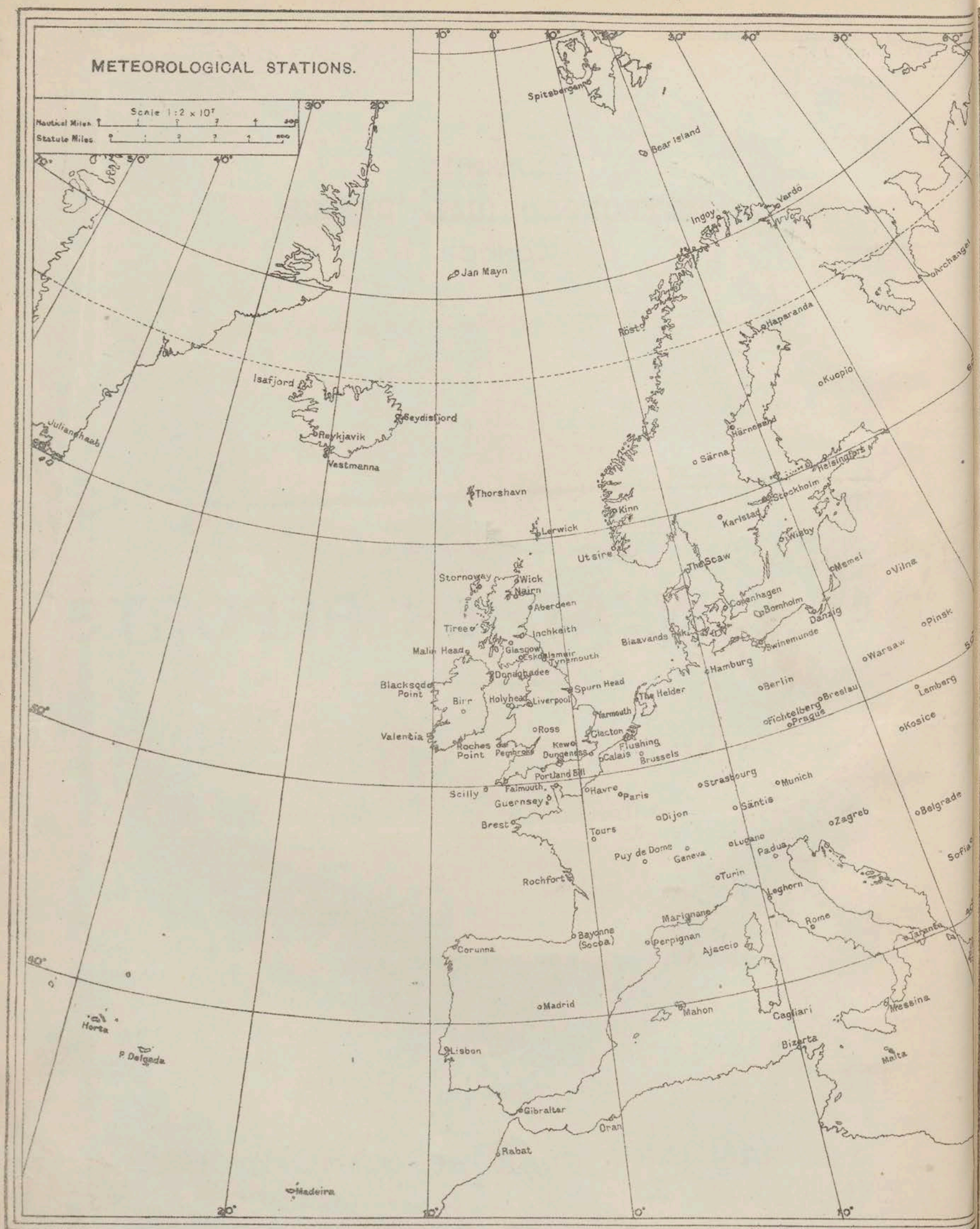
METEOROLOGICAL OFFICE.

LONDON.

DAILY WEATHER REPORTS

1ST JANUARY TO 31ST MARCH, 1928.

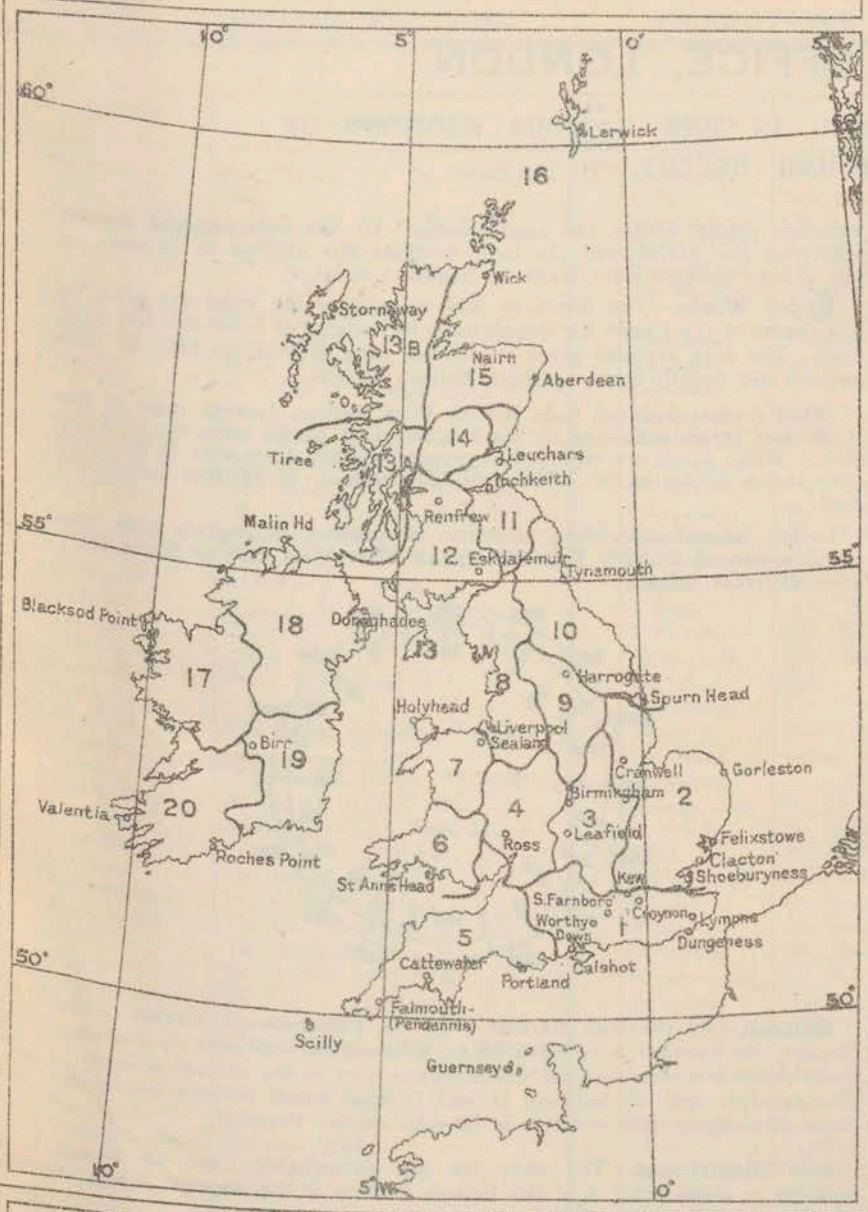
METEOROLOGICAL STATIONS.



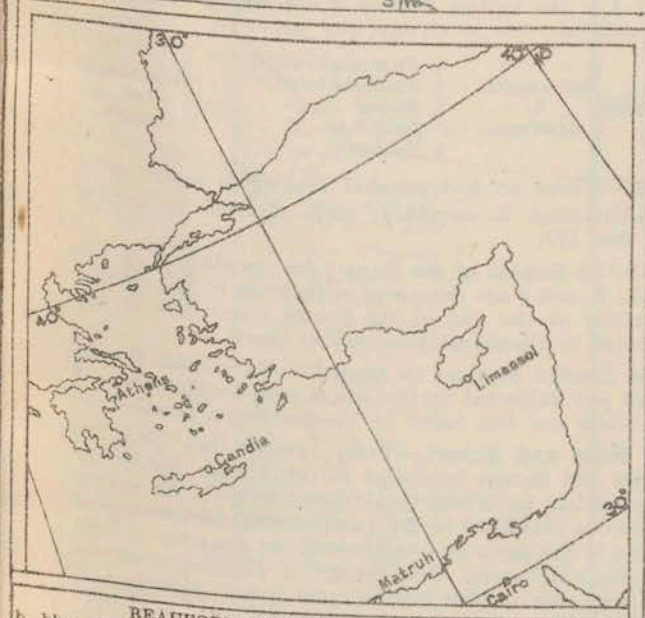
H.M. Stationery Office Press, Kingsway, W.C.2

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.

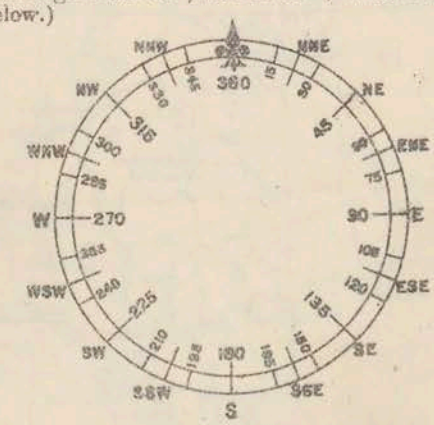
The broken lines marked Saturated Adiabatic show lapse rates for saturated air. These are for air masses which contain just sufficient moisture at 1,015 mb. pressure to become saturated after rising 1 km. in an environment having the dry adiabatic lapse rate. The condensed moisture is assumed to be retained 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 FEBRUARY, 1928.

During the first half of the month the weather continued mild and unsettled as in January. Heavy rain fell at times and the winds frequently increased to gale force. At Eskdalemuir, where the rainfall had been so remarkably heavy in January, further rain, sleet or snow fell in large quantities, rather more than the average for the whole of February being measured during the first eight days.

The roughest weather of the month occurred generally on the 10th.- 11th. when a deep depression moved rapidly across the British Isles to the North Sea. During the afternoon of the 10th. a line squall passed over England, a sudden drop of about 10°F. in temperature being recorded in London and elsewhere while thunderstorms with hail, sleet or snow occurred in many places. In the evening a secondary depression developed off N.W. Ireland with the result that the easterly movement of the whole system caused exceptionally strong gales over England. Mean velocities between 55 and 60 m.p.h. were measured at Fleetwood, Southport, Holyhead and Scilly with gusts of over 80 m.p.h. at Valentia, Holyhead and Southport. The highest value was reported from Liverpool, 104 m.p.h.

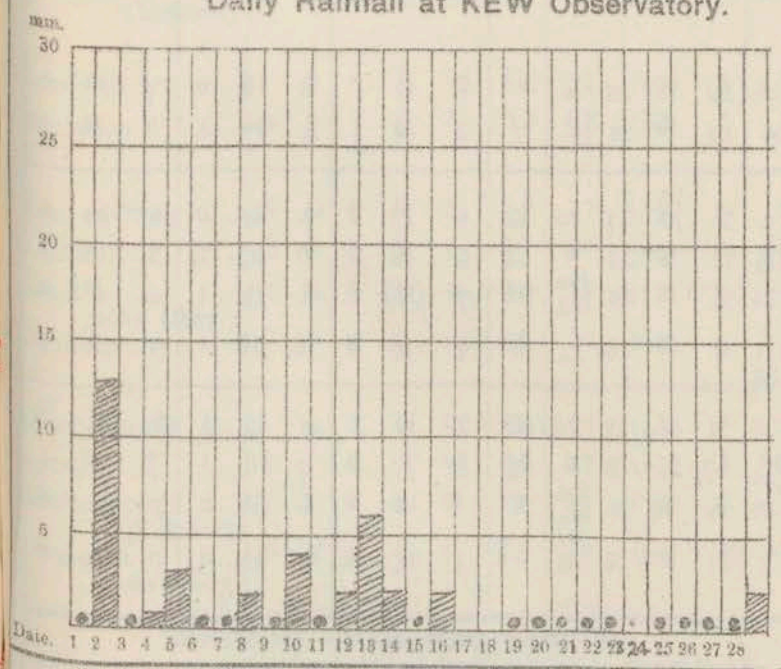
Further strong winds and gales were experienced about the 15th. to 17th. but subsequently an anticyclone began to spread over the British Isles causing a change to quieter, almost rainless weather. A good deal of fog developed locally and some frost occurred at night but day temperatures sontinued generally above the average for the time of year though, largely owing to the presence of fog, readings were rather low at times in some places. In many parts, however, the weather was remarkably fine, sunshine records of over nine hours a day occurring repeatedly.

At the close of the month unsettled weather began to spread over our islands once more.

The total rainfall did not differ much from the average in many parts though in some western districts there was a large excess while on the other hand in some eastern places much as Aberdeen the month was very dry.

Sunshine was above the average in many parts. At Kew Observatory, for instance the total, 86 hours has only twice been exceeded in February during the past 48 years while at Ross-on-Wye it was the sunniest February since measurements began in 1914.

Daily Rainfall at KEW Observatory.



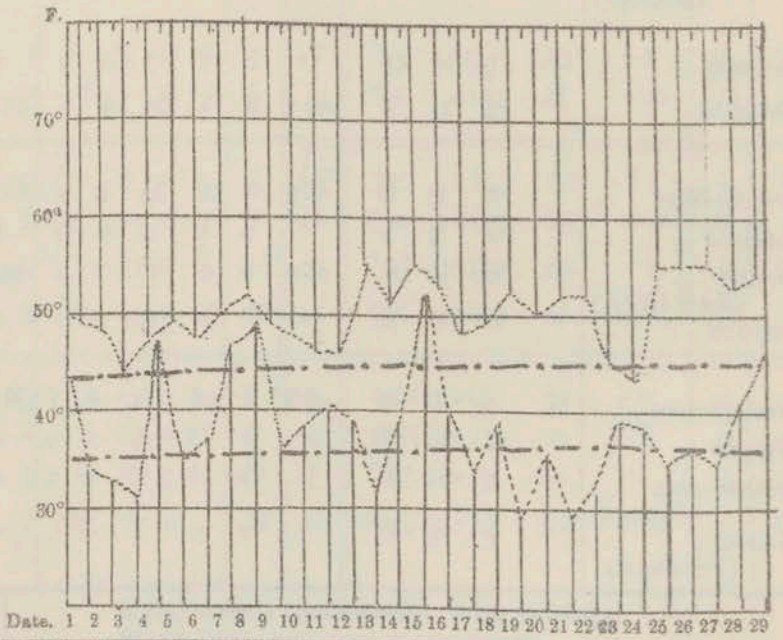
TEMPERATURE.

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

RAINFALL.

● = less than 0·5 mm.
Total for month 38 mm.

Daily Range of Temperature at KEW Observatory.



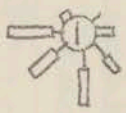
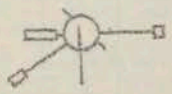
MEAN VALUES FOR THE MONTH.*

	PRESSURE		TEMPERATURE	
	Mean	Difference from average	Mean	Difference from average
	mb.	mb.	°F	°F.
Aberdeen	1009.5	−1·1	40·7	+2·1
Valentia	1015·6	+2·2	47·9	+3.4
Kew	1019.6	+3·6	44·3	+4·1

* Pressure — mean for the 24 hours.

Temperature — mean of Max. and Min.

WIND FREQUENCIES AT 7h.

Aberdeen	Valentia	Kew
		

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.

Ps. 499/1670. wt. 53. D.15111. 870. 3/28.

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.																								
	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 ...	6	19	4	44·1	0	8	16	5	0	34·2	52	8, 15	39	3, 14	47	8	28	26	*	0	25	0	0	25	0	0	26	0
Aberdeen ...	7	18	4	43·4	0	3	24	2	0	33·1	56	8	39	13	46	8	28	23	13	4	19	0	4	20	0	1	16	1
Edinburgh ... (Inchkeith)	4	20	5	*	0	0	25	4	0	*	54	15	38	13	46	8	33	2, 3, 6, 11, 25, 26	8	22	3	1	11	6	3	22	5	0
Renfrew	4	22	3	*	0	7	18	4	0	*	55	22	35	13	46	8	27	26	9	4	22	1	5	19	0	7	16	2
Eskdalemuir ...	14	11	4	*	1	12	15	1	0	*	52	27	36	2	43	8	23	25	13	9	18	0	5	19	1	6	20	0
Dublin ... ... (Phœnix Park)	0	15	14	46·7	0	2	22	5	0	34·4	59	15	42	2	49	15	31	21, 23	10	*	*	*	*	*	*	*	*	*
Birr Castle ...	0	16	13	46·7	0	0	20	8	1	34·4	57	15	42	3, 12	51	15	34	2, 3, 6, 23	5	5	23	0	2	26	0	1	26	0
Valentia ... ... (Cahirciveen)	0	11	18	48·8	0	0	6	21	2	39·7	57	27	45	3	52	16	35	3, 29	0	6	23	0	6	23	0	5	24	0
Tynemouth ...	7	16	6	44·5	0	1	25	3	0	33·7	56	15, 16	37	13	47	8, 16	32	26	9	4	25	0	4	25	0	10	19	0
Holyhead ...	0	24	5	45·4	0	0	15	14	0	38·0	56	27	43	3	47	8, 15, 16	36	20, 25	3	6	15	1	4	21	0	6	18	0
Liverpool ... (Bidston)	2	20	7	44·2	0	1	20	8	0	35·6	55	15	40	24	49	16	32	26	4	4	22	0	2	18	1	7	18	0
Cranwell	2	15	12	*	0	8	17	4	0	*	55	27	38	24	50	16	25	26	11	8	14	1	6	18	0	7	15	0
Gorleston ...	2	22	5	42·9	0	2	21	5	1	34·0	56	15	38	24	52	16	31	4, 22	7	2	16	1	2	14	2	2	14	2
Ross-on-Wye ...	0	13	10	46·0	0	2	20	5	2	33·8	56	13	42	2	51	15, 16	27	20	16	6	19	0	2	22	0	0	22	0
Leafield	2	18	9	*	0	8	17	4	0	*	53	13	41	2, 12	49	16	30	4	13	6	16	2	0	22	2	2	19	3
London ... ... (Kew Obsy.)	0	16	13	45·0	0	4	17	7	1	35·1	55	13, 15, 25–27	43	24	52	16	29	20, 22	14	7	(15)	2	6	15	1	4	15	0
Croydon	0	15	14	*	0	7	15	6	1	*	57	25	44	3, 23, 24	51	16	28	22	11	8	10	0	6	16	1	9	8	1
Shoeburyness ...	0	16	13	44·8	0	6	18	4	1	34·4	56	15	42	24	51	16	28	20	8	2	10	2	0	16	2	0	21	0
Lympne	2	20	7	*	0	5	18	6	0	*	53	13, 25, 27, 29	41	3, 24	47	16	29	4	12	9	7	0	7	11	1	7	10	1
Southampton ... (Calshot)	0	24	5	*	0	3	15	11	0	*	55	13	44	24	49	16	31	20, 22	8	8	15	0	6	15	0	7	12	0
Falmouth ... (Pendennis)	0	18	11	*	0	0	7	21	1	*	54	13	46	3	51	15	38	3	*	1	28	0	0	29	0	0	29	0

UPPER AIR TEMPERATURE.

Pressure.	Normal Height.	Normal Temperature.	DUXFORD. Mean.	DUXFORD. No. of Reports.	S. FARNBOROUGH. Mean.	S. FARNBOROUGH. No. of Reports.	ALDERGROVE.	ALDERGROVE. No. of Reports.
mb.	feet.	°F.	°F.		°F.		°F.	
950	1770	33	40	34	40	4	47	1
850	4660	26	34	34	33	4	35	1
750	7870	17	24	33	23	4	29	1
650	11,460	7	11	33	9	4	-	-
550	15,550	-7	-3	31	-10	3	-	-

UPPER WINDS.

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

STATION.	RENFREW.							CATTEWATER.							LYMPNE.						
Height. Feet.	No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.		No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.		No. of Obs.	Under 10 m.p.h.	10–25 m.p.h.	26–45 m.p.h.	46–75 m.p.h.	Above 75 m.p.h.	
3,000	32	1	13	11	7	-		23	1	8	14	-	-		63	6	23	24	10	-	
5,000	11	-	6	3	2	-		6	-	-	4	2	-		20	4	8	6	2	-	
10,000	3	-	1	2	-	-		-	-	-	-	-	-		5	2	3	-	-	-	
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, ...FEBRUARY....., 1928.

	SUNSHINE.											RAINFALL.													
	Number of Days with duration.					Maximum Duration.						Number of days with amount.‡						Maximum fall in 24 hrs.							
	Nil.	0·1—3h.	3·1—6h.	6·1—9h.	Above 9h.	Hours.	Date.	Total for past 12 months.	Difference from average.	Total for Month.	Difference from average.	0, trace or 0·1 mm.	0·2—1 mm.	1·1—5 mm.	5·1—15 mm.	15·1—25 mm.	Above 25 mm.	mm.	Date.	Total for past 12 months.	Difference from Average.	Total for Month ‡	Difference from Average.	Days with Thunder.	Days with Snow or Sleet.
								hours.	hours.	hours.	hours.									mm.	mm.	mm.	mm.		
Stornoway ...	6	14	5	4	0	7·8	28	1323	+64	61	+3	8	3	6	10	2	0	21	8	1462	+196	137	+24	2	10
Aberdeen ...	2	15	8	4	0	7·4	17	1231	−156	86	+13	20	6	2	1	0	0	9	10	870	+122	16	−36	0	3
♮Edinburgh ... (Inchkeith)	7	11	6	5	0	8·7	28	1388	*	85	*	19	1	7	2	0	0	6	2	778	+224	36	+3	0	0
♮Renfrew	8	14	4	3	0	7·1	28	1246	*	59	*	9	5	5	9	1	0	19	4	1308	+383	115	+37	0	8
♮Eskdalemuir ...	10	8	7	4	0	9·0	26, 27, 28	1141	*	76	*	9	3	5	7	3	2	44	4	2062	+633	216	+90	0	11
Dublin ... ... (Phœnix Park)	4	13	6	6	0	9·0	28	1432	−75	92	+19	15	2	7	5	0	0	10	10, 15	886	+151	62	+16	0	*
Birr Castle ...	7	10	9	3	0	7·7	28	1337	−6	76	+9	13	2	7	7	0	0	13	4	891	+62	104	+46	2	3
Valentia ... ... (Cahirciveen)	10	10	6	2	1	9·2	29	1345	−100	65	−4	7	5	7	9	1	0	25	12	1413	−1	119	−13	2	0
Tynemouth ...	*	*	*	*	*	*	*	*	*	*	*	17	4	7	1	0	0	7	10	805	+184	31	−4	0	3
Holyhead ...	8	8	9	3	1	9·4	27	1492	*	87	*	13	4	6	5	1	0	18	29	1064	+176	91	+29	1	0
♮Liverpool ... (Bidston) ...	6	11	8	4	0	8·0	21	1394	−62	75	+7	15	2	9	3	0	0	9	4	929	+220	49	+6	1	0
♮Cranwell	7	9	6	7	0	8·5	28	1404	*	88	*	16	7	4	2	0	0	7	5	724	+134	30	−8	0	4
Gorleston ...	9	6	7	5	2	9·3	28	1532	*	96	*	17	4	7	1	0	0	6	13	814	+192	28	−10	(1)	0
Ross-on-Wye ...	6	10	6	5	2	9·4	27	1246	*	90	*	18	2	4	5	0	0	9	2, 29	881	+163	53	+2	1	0
♮Leafield	9	6	8	5	1	9·7	27	1400	*	92	*	15	2	7	5	0	0	9	2	910	+216	58	+10	0	1
London ... ... (Kew Obsy.)	5	13	4	7	0	8·4	27	1375	−100	86	+26	18	2	7	2	0	0	13	2	795	+189	38	−1	0	0
♮Croydon	7	8	5	6	3	9·8	27	1482	*	103	*	17	5	5	1	1	0	15	2	846	+167	41	−8	0	2
Shoeburyness ...	3	12	7	7	0	8·9	27	1640	*	100	*	18	6	5	0	0	0	5	2	600	+120	21	−9	0	1
♮Lympne	8	5	4	8	4	9·8	27	1677	*	124	*	16	4	7	2	0	0	6	2	975	+251	31	−19	0	0
♮Southampton ... (Calshot)	7	7	2	13	0	9·0	27	1710	*	119	*	17	3	6	3	0	0	10	2	837	+191	45	−1	0	0
Falmouth ... Observatory	6	10	6	7	0	8·9	21, 27	1616	−143	93	+10	12	0	9	7	0	1	32	12	1206	+99	118	+24	3	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	4	8	10	6	1	0	0
Renfrew... ...	0	1	7	7	12	2	0	0	0
Eskdalemuir ...	1	1	4	9	9	2	2	0	1
Valentia... ...	0	1	3	7	9	8	1	0	0
Ross on Wye ...	0	1	2	6	10	8	2	0	0
London ... ... (Kew Obsy.)...	0	0	4	3	8	8	5	0	1
Falmouth ...	0	0	6	12	11	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	14	14	1	0	0	0	0	0	0
Renfrew... ...	0	10	17	0	0	0	0	2	0	0
Eskdalemuir ...	0	8	16	0	0	0	0	3	2	0
Valentia ...	8	4	17	0	0	0	0	0	0	0
Ross on Wye ...	0	20	9	0	0	0	0	0	0	0
London ... ... (Kew Obsy.)	0	11	18	0	0	0	0	0	0	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).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 1300 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).

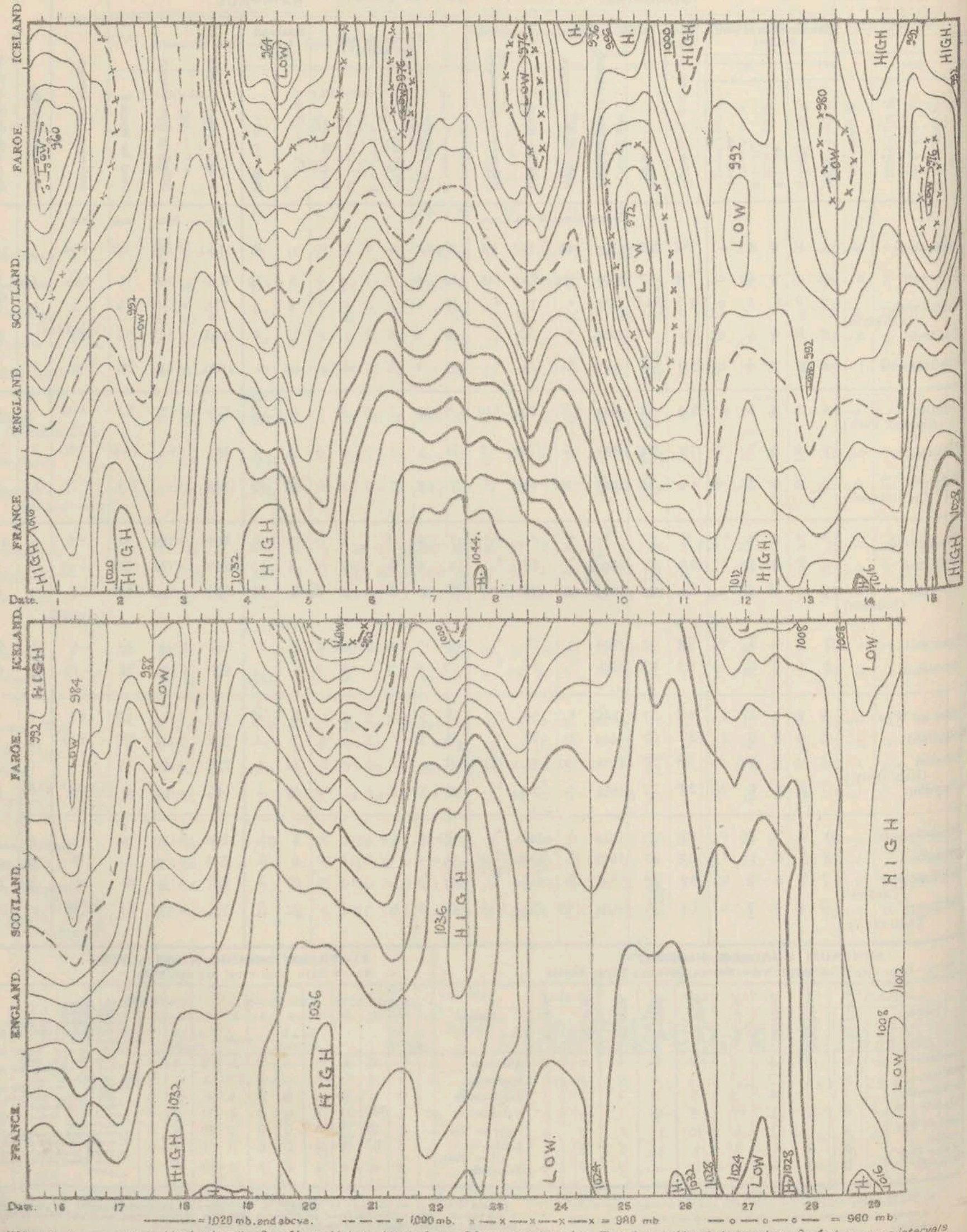
♮ The average sunshine for Liverpool and the average rainfall for the other stations marked ♮ have been computed from the records available for these several stations by reference to the nearest stations with long records.

‡ 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. O. Simpson, F.R.S., *Director.*

PRESSURE: ICELAND TO GULF OF LIONS ..... FEBRUARY, ... 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 18h. are plotted consecutively and joined to show the variation of pressure from day to day at any point in the line. The line terminates at Lat. 65° N., Long., 18° W. in the north, at Lat. 44½° N. Long. 4° E. in the south.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B. 24177 Wednesday 1st February 1928. Page 1.

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

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	992.7	-4	SW	2	c	41	85	8	4000	Cu	5	ASt	10	·
Stornoway	983.1	-17	S	7	orr	39	92	6	2500	Nb	10	–	10	·
Wick	992.5	-6	S	4	c	39	85	8	1500	Nb	6	ASt	8	·
Tiree	986.8	-13	S	7	oro	43	97	6	450	Nb	10	–	10	2
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	996.9	-7	SSW	3	cr	37	85	6	2500	Cu	1	ASt	10	3
Malin Head	988.0	-18	S	8	c/r	41	97	7	1500	St	8	–	8	·
Renfrew	996.4	-11	SSE	4	orsrs	36	92	6	1500	Nb	10	–	10	2
Edinburgh (Inchkeith)	997.0	-8	SSW	3	cro	39	75	8	800	St	9	–	9	·
Leuchars	997.1	-9	S	4	c	38	85	7	1500	Nb	9	ASt	10	2
Eskdalemuir	999.3	-9	S	6	orso	35	92	6	1500	St	10	–	10	2
Tynemouth	1002.3	-4	SW	3	o/f	38	92	6	1500	Nb	10	–	10	·
Blacksod Point	990.6	(-13)	S	6	c	51	92	7	*	CuNb	10	–	10	·
Donaghadee	997.0	-11	SW	5	ors	41	92	7	1500	Nb	10	–	10	·
Birr Castle	995.4	·	S	4	orr	48	92	6	1500	Nb	10	–	10	·
Holyhead	1001.6	-9	S'E	5	orr	43	97	5	800	Nb	10	–	10	2
Liverpool (Bidston)	1004.6	-5	SSE	4	oror	38	85	6	1500	St	10	–	10	·
Chester (Sealand)	1005.0	-7	S	3	oror	38	85	7	2500	Nb	10	–	10	2
Harrogate	1005.7	-4	SSW	3	mc	36	85	4	<150	St	9	ASt	10	·
Spurn Head	1007.0	-1	SSW	4	cr	40	85	6	[illegible]	[illegible]	[illegible]	C.St	8	·
Birmingham (Edgbaston)	1008.0	-4	SSW	3	cr	39	85	5	4000	St	9	–	9	2
Cranwell	1009.1	-3	SW	3	cr	40	85	7	–	–	0	C.St	8	1
Gorleston	1009.8	+1	SW	3	bc-	45	75	6	4000	Cu	4	–	4	·
Valentia (Cahirciveen)	999.6	-3	SW'S	4	cro	52	92	7	800	St	10	–	10	2
Roches Point	1001.2	-9	SW	5	orr	50	97	6	800	Nb	10	–	10	·
Pembroke (St. Ann's H.)	1004.6	-5	SSW	5	orr	46	97	6	1500	St	10	–	10	·
Ross-on-Wye	1008.0	-3	SW	3	c	41	75	7	2500	Nb	2	ASt	10	2
Leafield	1009.4	-1	SSW	4	c	40	85	8	6700	Cu	2	ASt	8	2
Winchester (Worthy Dn.)	1011.3	-3	SW	3	c⊕	44	75	8	4000	Cu	2	Ci	8	2
S. Farnborough	1011.3	-2	SW	4	bcr	45	75	7	2500	Cu	1	Ci	4	1
London (Kew Obsy.)	1010.8	-3	SW	3	b	42	75	5	–	–	0	Ci	2	2
Croydon	1011.3	-3	SW'S	3	bc-	44	65	7	1500	St	1	ACu	2	2
Shoeburyness	1011.0	0	SWW	4	b	43	85	5	–	–	0	–	0	·
Clacton-on-Sea	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	1011.2	-1	SSW	3	b	43	65	8	2500	Cu	2	–	2	1
Lympne	1012.0	-1	SW	2	b/fm	41	92	6	1500	Cu	2	CiCu	5	2
Scilly (St. Mary's)	1005.2	-4	SW'S	6	oDD	48	97	5	1500	Nb	10	–	10	·
Falmouth (Pendennis)	1007.0	-6	SW'W	6	cro	49	85	8	4000	StCu	10	–	10	·
Plymouth (Cattewater)	1010 16	-4	SW	5	cr	48	85	8	2500	Nb	6	ASt	10	2
Portland Bill	1010.9	-2	SW	4	cr	47	75	8	2500	Cu	6	Ci	8	·
Southampton (Calshot)	1011.7	-3	SW'S	4	bcr	46	65	8	4000	Cu	2	CiSt	7	2
Dungeness	1012.3	+1	W	3	bcr	43	85	8	1500	Cu	1	CiCu	5	·
Guernsey (Fort George)	1014.2	-3	SSW	3	cr	47	85	9	1500	StCu	8	–	8	·

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

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	983.0	-13	SE	6	oro	38	97	7	4000	Nb	10	–	10	·
Stornoway	~~974.5~~ 975.4	-2	W	3	c/PR	45	85	6	2500	CuNb	9	–	9	3
Wick	980.1	-16	S	6	c	40	85	8	1500	Nb	8	CiSt	10	6
Tiree	980.7	-1	SW	6	c/pho	43	85	8	1500	CuNb	5	CiCu	8	6
Nairn	979.1	·	WSW	4	cr	38	92	8	1500	Nb	8	–	8	·
Aberdeen	985.4	-14	SSE	5	orr	39	92	6	1500	Nb	10	–	10	4
Malin Head	984.5	-3	W	7	bc/pG	45	92	7	4000	CuNb	3	ACu	3	6
Renfrew	985.4	-10	SW	6	crr	45	97	6	1500	Nb	10	–	10	·
Edinburgh (Inchkeith)	984.0	-13	WSW	6	oro	42	92	7	800	Nb	10	–	10	3
Leuchars	986.2	-13	SSW	6	oR	40	85	7	800	Nb	10	–	10	·
Eskdalemuir	988.1	-14	S'W	7	orr	40	97	6	450	Nb	10	–	10	·
Tynemouth	992.0	-12	SW	6	bc/r	38	92	7	1500	CuNb	6	–	6	2
Blacksod Point	988.6	-2	S	6	c	46	85	7	·	CuNb	9	–	9	6
Donaghadee	990.0	-4	W	5	bcjp	48	85	7	1500	Nb	6	–	6	4
Birr Castle	993.9	·	S	5	c/r	50	85	7	1500	Nb	2	ACu	8	·
Holyhead	996.7	-4	SSW	5	o	47	97	5	450	St	10	–	10	5
Liverpool (Bidston)	996.9	-7	S	5	c	45	85	7	1500	Nb	8	ASt	9	·
Chester (Sealand)	997.4	-8	SSE	4	bcW	43	92	7	1500	St	1	CiSt	7	·
Harrogate	997.3	-10	S	5	o/rs	38	92	5	2500	Nb	10	–	10	·
Spurn Head	999.4	-9	S	7	orr	40	92	6	4000	Nb	10	–	10	3
Birmingham (Edgbaston)	1002.2	-6	SSW	4	orr	42	92	7	1500	Nb	10	–	10	·
Cranwell	1003.2	-8	S	5	cr+	39	97	6	800	Nb	8	ASt	10	·
Gorleston	1007.4	-3	SSW	5	cr	40	85	6	2500	Nb	9	–	9	1
Valentia (Cahirciveen)	998.1	-2	SW'S	5	c	51	85	8	1500	St	8	–	8	4
Roches Point	999.7	-2	W	4	c	51	97	8	1500	StCu	9	–	9	~~[illegible]~~ 4
Pembroke (St. Ann's H.)	999.6	-4	WSW	5	o/r	49	97	5	800	St	10	–	10	6
Ross-on-Wye	1002.3	-7	SSW	4	cro+	46	92	6	2500	Nb	10	–	10	·
Leafield	1004.2	-7	S	5	oror	42	97	6	450	Nb	10	–	10	·
Winchester (Worthy Dn.)	1007.3	-5	S'E	5	orr	44	97	6	800	Nb	10	–	10	·
S. Farnborough	1007.4	-6	SSW	4	oddo	44	85	6	1500	Nb	8	ASt	10	·
London (Kew Obsy.)	1007.5	-5	SSW	4	cr	43	85	6	1500	Nb	6	ASt	10	·
Croydon	1008.2	-5	SSW	4	oror	43	85	6	1500	Nb	4	ASt	10	·
Shoeburyness	1009.1	-3	SSW	2	o	41	97	6	1500	St	10	–	10	·
Clacton-on-Sea	1007.0	-2	SSW	4	c	42	85	7	5700	StCu	8	–	8	2
Felixstowe	1009.0	-4	S	5	c	42	85	7	1500	StCu	9	–	9	4
Lympne	1009.9	-3	S	5	cr	42	85	7	800	StCu	10	–	10	·
Scilly (St. Mary's)	1007.8	-1	SW'W	6	odo	51	97	6	2500	Nb	10	–	10	5
Falmouth (Pendennis)	1006.3	-1	W'S	6	or-	51	97	6	1500	Nb	10	–	10	2
Plymouth (Cattewater)	1006.2	-3	SW	6	odd	49	97	6	<150	St	10	–	10	4
Portland Bill	1005.0	-7	SSW	6	orr	47	92	5	1500	Nb	10	–	10	5
Southampton (Calshot)	1008.2	-5	S	6	oror	45	92	7	1500	Nb	10	–	10	3
Dungeness	1010.0	-5	SW	5	cr	45	85	8	–	–	0	ASt	10	4
Guernsey (Fort George)	1011.3	-3	SW	4	oror	47	97	6	800	Nb	10	–	10	3

LONDON OBSERVATIONS.	Heights above M.S.L. in feet	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall Day mm.	Rainfall Night mm.	Sunshine to Sunset hrs. (Yesterday)	Humidity 18h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility 8h.
Kew } 24 hours ended 7h.	18	bf=b	b,c,r,ro	crrc	44	44	42	0.2	2	3.9	·	·	6
Croydon } 24 hours ended 7h.	244	[illegible]	bcrro	orrcq	45	43	40	0.1	2	4.2	·	·	6
Greenwich (Royal Obsy.)	149	obc	bccd	crdc	45	44	39	Tr.	3	3.4	72	72	5
City (Bunhill Row)	80	·	·	·	·	·	·	·	·	1.9	·	·	·
Westminster (St. James' Pk.)	37	·	·	45	~~44~~	~~36~~ 44	31	3		~~3.1~~ 2.5	71	76	·
Regent's Pk. (Botanic Gdns.)	168	·	·	·	·	·	·	·	·	·	·	·	·
Camden Square	110	cb	bc	·	43	43	40	–	4	·	·	96	·
Kensington Palace	80	oc	odr	·	45	(43)	?	0.1	3	·	{At 18h} 91	77	·
Hampstead Observatory	450	·	·	·	44	41	33	4	0.5	3.1	·	74	·

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.0	9h. 31st	<0.3	1h. 1st

Kew Observatory

Max.	Time.	Min.	Time.
0.7	9h. 31st	<0.3	2h. 1st

POLE STAR RECORD at Greenwich Obsy.

Exposure from 31st Jan. 18h. 0m. to 1st Feb. 6h. 30m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12 30	1 48	14
δ Ursae Minoris	12 30	0 50	7

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 Feb., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.39 7.38	12.7 12.7	1635 1636
Greenwich	7.42 7.41	12.14 12.14	1646 1647
Wick	8.24 8.22	12.26 12.26	1629 1631
Valentia	8.25 8.23	12.55 12.55	1725 1727

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

SEA DISTURBANCE.
0 = no swell } 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.

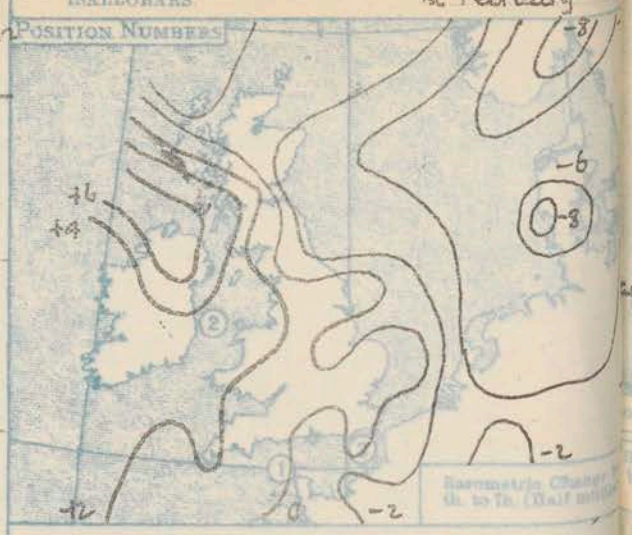
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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. 31st Jan.	Weather. 18h.-18h. 31st Jan.	Weather. 18h. 31/1 to 1h. 1/2	Weather. 1h.-7h. 1st Feb.	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 31st Jan. Hours.
Lerwick	cpr	cor r	or o/	or	42	36	•	1	<8.00	4	<21.00	1.6
Stornoway	r	p	p	p	46	38	•	5	✱	6	✱	0.0
Wick	c	rsrsc	b bc	cpr	41	37	•	2	14.30	0.3	3.30	•
Tiree	r r o	prhbc	lerhq	prh bq	46	40	36	9	<8.00	2	<21.00	0.0
Nairn	bcqc	cqR	cprq	bcq	40	36	•	2	16.30	3	<21.00	1.6
Aberdeen	bcmbcm	orsrm	orcir b	c	39	38	34	3	13.30	0.1	<21.00	1.4
Malin Head	bccir	obcpr	bcpr	bcPHR	48	39	•	2	9.00	3	<21.00	1.4
Renfrew	cporsr	orsrq	crq	cqrr	46	40	38	7	<8.00	2	<21.00	0.0
Edinburgh (Inchkeith)	bco	p	c	pq	45	40	39	0.3	12.30	1	<21.00	0.4
Leuchars	bbccc	rcircR	rbPbcq	bcrbcc	40	39	36	3	13.30	2	<21.00	0.9
Eskdalemuir	c.cph	orsorm	phorm	cirm	40	36	35	6	9.00	12	<21.00	0.0
Tynemouth	bcff	oirq	bcRrq	oirbcq	39	38	34	0.7	15.30	5	22.00	•
Blacksod Point ...	Ro	pqc	bq lo	bcbc	51	37	•	5	✱	5	✱	•
Donaghadee	coirs	iRbc	bcPR	bcPR	49	39	•	5	11.00	5	22.00	•
Birr Castle	orrm	orrcq	clrq	cirq	51	38	33	3	<8.00	5	<21.00	0.0
Holyhead	bcorr	rrrom	obpq	bq	48	44	42	10	11.00	0.1	22.00	0.0
Liverpool (Bidston) ...	cor	orrq	bccp	b	45	43	37	6	12.30	0.1	22.00	0.5
Chester (Sealand) ...	bmco	rr	bcpr R	bcprbq	43	43	38	2	12.30	3	22.00	1.0
Harrogate	cm	comiRS	ecbcPH	bcPHC	38	38	35	3	14.30	8	<21.00	0.0
Spurn Head	b-bc	r-d	cbbc	cprbc	42	34	•	0.5	16.30	2	<21.00	4.1
Birmingham (Edgbaston)	bbcc	corr	orc	cbrbc	42	41	39	3	13.30	0.4	<21.00	1.2
Cranwell	bbcm	(cmr)	~~bbc~~ orm bcb	bbcrb	41	39	38	2	14.30	2	<21.00	3.7
Gorleston	cmbc	bccq	corrm	orrqbc	45	39	37	–	–	3	<21.00	4.5
Valentia (Cahirciveen)	or	oirc	cpc	cophr	53	40	36	8	<8.00	1	<21.00	0.2
Roches Point	corr	circ	cprb	b	54	42	•	3	9.00	2	22.00	•
Pembroke (St. Ann's H.)	crrm	orrm	cbcP	bcbP	50	43	•	8	11.00	1	3.30	0.1
Ross-on-Wye	bbcc	cor r	rqcqbc	bcqbqb	46	41	38	2	13.30	2	<21.00	1.0
Leafield	bcfmbc	cor r	orr ad	orc	42	41	38	1	14.30	4	<21.00	2.1
Winchester (Worthy Dn.)	bcfmbc	bccorr	orrmrc	orrmc	45	44	42	1	16.30	5	<21.00	3.7
S. Farnborough ...	bxbc	bcd	cdrrm	cir	45	43	42	0.1	15.30	2	<21.00	3.7
London (Kew Obsy.) ...	bfxb	bcr r	crrc	c	44	44	42	0.2	16.30	2	<21.00	3.9
Croydon	cbbcm	bccr r	orrqc	cq	45	43	40	0.1	16.30	2	<21.00	4.2
Shoeburyness	bmbm	bcmo	orr	orro	44	41	40	–	–	2	<21.00	4.4
Clacton-on-Sea ...	bc	bcc	orrc	cbc	45	40	40	–	–	3	<21.00	6.0
Felixstowe	bcmb	bbcc	crr	cm	44	41	40	–	–	3	<21.00	5.8
Lympne	cbfbcm	bcmc	orrff	orrfc	43	41	37	Trace	11.00	2	<21.00	4.0
Scilly (St. Mary's) ...	bccod	orfid	cdc	bcb	51	49	•	1	11.00	0.2	<21.00	0.2
Falmouth (Pendennis)	bccqr	corrq	orrq	cqrbc	51	43	•	3	13.30	0.6	<21.00	1.7
Plymouth (Cattewater)	bmbc	corrq	dqmbc	cq	50	49	47	5	13.30	0.1	21.00	1.5
Portland Bill	bbc	corm	orrbc	crcr	48	47	•	2	15.30	4	<21.00	•
Southampton (Calshot)	bbc	bcorr	rrcdm	ordc	47	45	44	1	15.30	4	<21.00	5.5
Dungeness	bcbbc	bcco	or dd	Dfbc	45	44	•	–	–	2	<21.00	•
Guernsey	bccr	bcrrm	bcefb	crqm	48	47	•	0.4	<8.00	6	<21.00	3.4



Observations from Cross Channel Steamers.

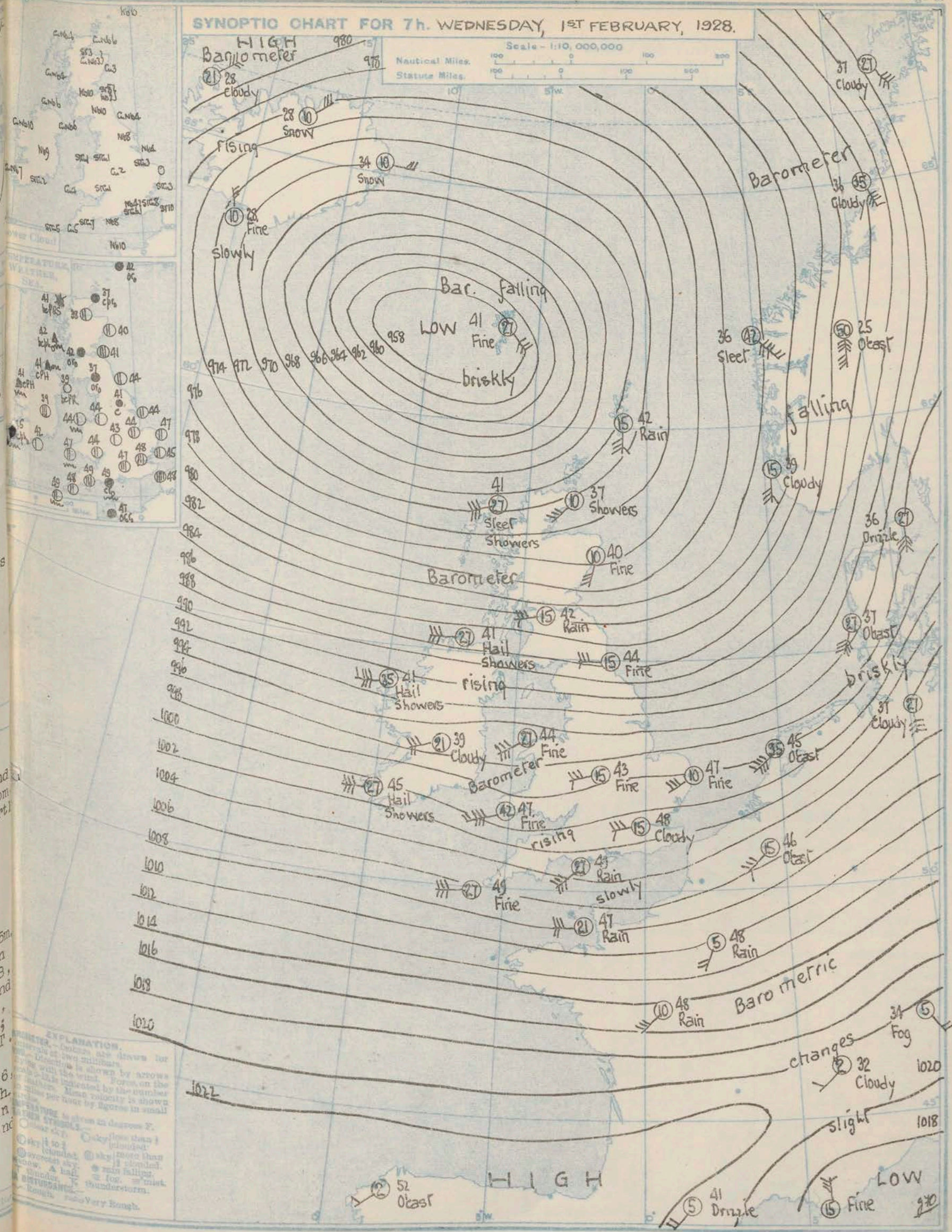
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	31st 10h	Cambria	S'W	6	c+	44	47
1	" 12h	Reindeer	WNW	4	bcjp	47	49
3	1st 2h	Arundel	SW	6	c/r	47	48

GENERAL INFERENCE.

A deep depression centred near the Faeroes will probably move east. Strong squally westerly winds of polar origin will be experienced in all districts and there will be local showers of rain or hail in Southern England and of rain, hail or sleet elsewhere with bright intervals.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 1st February, 1928.	Further Outlook.
1. S.E. England ✝ 2. E. England ✝ 3. E. Midlands 4. W. Midlands 5. S.W. England ✝ 6. South Wales ✝	Strong squally westerly winds; occasional local showers of rain or hail, some periods of clear sky; rather cold, ground frost at night.	Unsettled and rather cold, som snow in the Nort
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 ✝	Strong squally winds from between W. and N.W; occasional showers of rain, hail or sleet, snow locally on the hills; some periods of clear sky; cold, ground frost at night.	✝ South Gone hoisted 10h. 35m. GMT. 31/1/28 in districts 7, 8, 11, 12, 13A and B, 15, 16, 17, 18, 19 and 20; at 14h. 30m. GMT. 31/1/28 in districts 5, 6, and 10; at 19h. GMT. 31/1/28 in districts 1 and 2.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920 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. Wednesday 1st February 1928. No. 32

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

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	9724	-8	S	3	c|p	42	97	8	4000	Nb	5	asc	10
Stornoway	30	9725	-4	WSW	4	c|PR	•	•	6	•	•	•	•	10
Wick	81	9754	-3	SW	3	bc	38	92	8	2500	Sc.Cu	3	Csc	5
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	9799	-5	WSW	6	bc|p	44	92	7	5700	CuNb	1	acu	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	9820	-2	WSW	5	bc	43	85	8	5700	Cu	2	acu	7
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	784	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	9879	-2	SW	3	o|p	43	~~95~~ 85	7	1500	Nb	10	-	10
Blacksod Point	18	9859	-1	SW	8	c	45	?	7	•	CuNb	10	-	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	9935	-3	SW	6	b	46	92	7	-	-	0	-	0
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	39	9935	-3	SW'W	5	bc+	46	92	7	4000	Cu	7	-	7
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	9960	-3	SSW	5	bc	46	97	7	4000	Cu	2	asc	3
Gorleston	14	9997	-2	SSW	5	ocr	45	92	6	800	Nb	10	-	10
Valentia (Cahirciveen) P	30	9959	-2	SW	8	bc|PR	46	92	8	-	Sc	7	-	7
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	160	9972	-2	W'S	8	bc	50	85	6	2500	Cu	7	-	7
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	16	•	•	•	•	•	49	•	•	•	•	•	•	•
Croydon	244	10027	-2	SW	4	c|c	49	92	6	800	Cu	9	-	9
Shoeburyness	13	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	10035 1005.1	-5	SW	5	ocr	47	97	2	4150	Sc	10	-	10
Scilly (St. Mary's)	163	~~10046~~	-2	WSW	7	bc-	51	92	6	4000	Sc	6	-	6
Falmouth (Pendennis)	209	10044	-3	W	8	c	50	92	7	~~4000~~	Sc.Cu	10	-	10
Plymouth (Cattewater)	33	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	82	10026	-4	SW	7	bc-	49	92	8	1500	Sc	3	Cu	7
Southampton (Calshot)	10	10038	-3	WSW	6	ocr	48	97	7	800	Nb	10	-	10
Dungeness	30	10030	-4	SW	6	ocr	47	97	4	800	Nb	10	-	10
Guernsey (Fort George) P	206	1008¾	-2	SW	3	c+	50	97	5	2500	Sc.Cu	10	-	10

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun
Lerwick	9708	-1	S	4	or	42	97	7	4000	Nb	10	-	10	5
Stornoway	9713	-3	WSW	6	bc|RS	41	75	6	4000	CuNb	4	-	4	0
Wick	9728	-1	SW	3	c|pr	37	97	8	1500	CuNb	6	Csc	8	0
Tiree	9798	+4	WSW	7	bc|p	42	75	8	2500	CuNb	4	-	4	6
Nairn	9747	•	W	3	bc|r	38	92	8	4000	Sc	6	-	6	•
Aberdeen	9757	-3	SSW	3	bc	40	85	8	2500	Cu	3	acu	7	0
Malin Head	9847	+7	W	6	c|PH	41	85	7	4000	CuNb	6	acu	10	7
Renfrew	9828	+5	WSW	4	or	42	85	7	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	9790	0	WSW	6	bc|p	41	85	8	800	Sc	7	-	7	3
Leuchars	9786	-2	WSW	5	bc	39	92	7	4000	Sc.Cu	4	acu	5	•
Eskdalemuir	9844	+1	SW'W	6	or	37	92	7	1500	Nb	10	-	10	•
Tynemouth	9854	-2	W	4	bc|r	44	~~75~~ 90	7	2500	CuNb	4	-	4	•
Blacksod Point	9913	+3	W	7	c|PH	41	65	7	•	CuNb	10	-	10	6
Donaghadee	9887	+5	WNW	8	bc|PR	39	85	8	2500	CuNb	6	-	6	5
Birr Castle	9949	•	WSW	5	c|r	39	85	6	1500	Nb	9	-	9	•
Holyhead	9941	+2	SW'W	6	b	44	75	8	4000	Sc.Cu	1	-	1	6
Liverpool (Bidston)	9930	+2	WSW	7	b	44	65	7	2500	Sc.Cu	1	-	1	•
Chester (Sealand)	9939	+3	WSW	6	b	43	75	8	-	-	0	-	0	•
Harrogate	9915	+1	SW'W	6	cr	41	85	7	2500	Nb	8	-	8	•
Spurn Head	9942	0	WSW	5	bc-	44	85	7	4000	Nb	4	-	4	4
Birmingham (Edgbaston)	9981	+1	WSW	4	b-	43	65	8	1500	Cu	2	-	2	•
Cranwell	9951	0	SW'W	5	bc+	44	92	7	2500	Sc.Cu	3	-	3	1
Gorleston	9970	0	SW'W	3	bc	47	75	7	-	-	0	asc	3	•
Valentia (Cahirciveen) P	10009	+3	W'S	6	c|ph	45	65	8	2500	CuNb	7	asc	9	6
Roches Point	10004	+3	NW	4	b	42	92	8	1500	Sc.Cu	2	-	2	4
Pembroke (St. Ann's H.)	9982	+2	W'S	8	bc-	47	75	7	2500	Cu	4	-	4	6
Ross-on-Wye	9995	+1	W'S	5	bc+	44	65	8	4000	Sc.Cu	1	Cu	2	•
Leafield	9995	0	SW	5	bc	43	85	7	5700	Sc.Cu	3	Cu	5	•
Winchester (Worthy Dn.)	10022	0	SW	4	c	47	85	7	1500	Sc	7	asc	10	•
S. Farnborough	10022	0	SW	4	c	47	85	7	1500	Sc.Cu	10	-	10	•
London (Kew Obsy.)	10009	+1	WSW	4	c	48	75	6	4000	Sc.Cu	8	-	8	•
Croydon	10018	0	WSW	4	c	49	75	6	800	Sc	6	asc	10	•
Shoeburyness	10011	0	SW	3	c	48	85	6	5700	Sc.Cu	5	asc	10	7
Clacton-on-Sea	10000	0	SW	4	bc	45	97	7	4000	Nb	4	asc	8	4
Felixstowe	10001	0	SSW	4	c	46	85	6	4000	Sc.Cu	3	acu	8	•
Lympne	10024	-1	SSW	6	c-	48	92	6	800	Sc	9	-	9	•
Scilly (St. Mary's)	10060	+1	W	6	bc	49	75	7	4000	Sc.Cu	5	-	5	7
Falmouth (Pendennis)	10057	+2	W	6	bc	48	75	8	4000	Cu	5	-	5	3
Plymouth (Cattewater)	10048	+1	W	6	c-	49	65	7	4000	Sc.Cu	7	Csc	9	4
Portland Bill	10023	0	SW'W	6	cr	49	75	8	2500	Nb	8	asc	10	7
Southampton (Calshot)	10030	-1	WSW	5	c	48	92	7	800	Sc	8	asc	10	6
Dungeness	10030	+2	WSW	5	o|D	48	92	6	800	Sc	10	-	10	3
Guernsey (Fort George) P	10078	0	W	5	ocr	47	97	6	1500	Nb	10	-	10	4

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 31st to 9h. 1st	Temperature. Max. 9h.-17h. 31st	Rainfall‡ Night 17h.-9h. 30-31st	Rainfall‡ Day 9h.-17h. 31st	Sunshine. Sunrise to Sunset. 31st
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	bcc	cprc	32	39	-	Trace	1·7
Douglas (I. o. M.)	orr	orro	38	47	-	9	0·0
Llandudno	cbcd	rc	35	52	2	1	0·7
Colwyn Bay	boreb	borrb	36	48	2	2	0·6
Rhyl	bcor	ro	36	48	1	2	1·0
Wallasey	fc	oRR	34	45	1	8	0·0
Southport	cor	rr	*35	40	1	6	0·0
Blackpool	co	or	36	40	1	5	0·0
Ilkley	co	or	32	40	0·6	4	0·0
Cleethorpes	b	bor	30	41	-	0·3	3·3
Skegness	bm	bo	31	41	Trace	-	3·7
Aberystwyth	cbcc	rr	34	49	3	5	0·9
Bath	bbcc	crr	31	47	Trace	1	1·6
Cheltenham	cbc	codd	30	44	1	0·3	2·1
Leamington Spa	cb	or	31	43	-	3	2·2
Lowestoft	cfcb	bbcc	133	44	0·3	-	4·5
Felixstowe	b	bbcm	34	44	Trace	-	6·7
Harwich & Dovercourt	bm	bcc	34	44	-	-	5·8
Southend	mocbc	bco	36	41	-	-	4·7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cbco	orr	39	50	6	6	2·7
Bude	bcc	errdr	40	51	3	5	1·0
Penzance	co	orr	38	52	1	3	0·7
Paignton	bcwmx	codrm	31	49	1	2	1·8
Torquay	rpom	corrq	34	48	1	1	2·0
Jersey	pbc	bco	38	48	3	-	4·4
Weymouth	mb	cpr	34	49	1	2	4·0
Bournemouth	b	boror	32	48	0·5	1	5·2
Ventnor	rb	br.	35	48	2	0·3	6·1
Portsmouth (S'thsea)	bcb	bbc	34	48	2	-	6·3
Bognor	b	bbcr	34	46	2	Trace	5·5
Littlehampton	bbc	bcc	33	45	1	-	5·4
Worthing	bbc	bcc	33	45	0·5	-	4·9
Brighton	bbcb	bbcb	37	45	-	-	4·4
Eastbourne	bbc	bco	35	46	-	-	5·3
Hastings	mbc	bcc	36	45	1	-	4·4
Folkestone	ycbcb	bc	34	44	-	-	4·9
Dover	fcbbc	bcc	36	45	-	-	5·2
Tunbridge Wells	ocbc	bc	33	45	Trace	-	3·2
Ramsgate	bcm	b	37	45	Trace	-	5·1
Margate	bc	bc	37	46	-	-	5·0
Deal	cb	bc	33	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. ✱ 12h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24178 Thursday 2nd February 1928.

Observations at 13h. G.M.T. 1st (columns 2–15) / Observations at 18h. G.M.T. 1st (columns 16–29)

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	969.8	-3	S	3	cjp	43	92	8	4000	Nb	10	-	10	•	968.2	+1	SW	8	orr	42	97	7	4000	Nb	10	-	10	•
Stornoway	975.6	+4	WNW	7	c/PhS	40	85	6	4000	CuNb	10	-	10	•	979.7	+5	WNW	7	c/PH	39	75	6	4000	CuNb	9	-	9	6
Wick	976.9	+5	SW	4	bc	40	92	8	2500	StCu	4	Ci.St	6	•	979.2	+5	WSW	4	c	36	92	7	1500	Nb	6	Ci.St	8	3
Tiree	985.6	+3	W'S	8	c/PH	39	92	8	2500	CuNb	8	-	8	1	989.5	+4	WSW	7	c/PH	40	97	8	1500	CuNb	8	-	8	8
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	983.6	•	W	3	c/s	35	85	7	1500	CuNb	8	-	8	•
Aberdeen	980.7	+2	WSW	4	b	43	65	8	-	-	0	ACu	2	2	986.1	+6	WSW	4	b	37	65	8	-	-	0	Ci	1	0
Malin Head	991.5	+5	WNW	7	c/ph$_0$	38	97	7	4000	CuNb	9	-	9	•	994.6	+4	WNW	7	c/PH	39	85	7	4000	CuNb	8	-	8	8
Renfrew	988.8	+5	WSW	4	cjp	40	75	7	1500	Nb	7	ASt	10	2	993.0	+4	W	4	bc/PH	35	85	7	1500	CuNb	4	-	4	•
Edinburgh (Inchkeith)	985.4	+6	WSW	5	oTS	38	85	7	800	Nb	10	-	10	•	990.8	+7	WSW	5	bcjp	37	85	8	2500	CuNb	2	ACu	3	3
Leuchars	985.0	+5	WSW	5	c/r	41	85	8	4000	StCu	6	ACu	8	2	989.3	+5	WSW	6	bc/r	35	85	8	2500	CuNb	3	-	3	•
Eskdalemuir	990.4	+4	WSW	5	os$_0$s$_0$	34	92	6	1500	St	10	-	10	2	995.0	+6	WSW	5	bc/s	32	92	6	1500	St	7	-	7	•
Tynemouth	989.4	+3	W	4	bc/r	41	85	7	1500	Nb	4	ACu	6	•	994.2	+4	W	4	bc/rs	36	92	7	2500	CuNb	3	-	3	4
Blacksod Point	997.0	+4	W	6	cv	42	55	9	*	CuNb	8	-	8	•	1000.4	+4	W	6	c	41	65	7	*	CuNb	10	-	10	6
Donaghadee	993.1	+3	WNW	4	bc/prs	37	85	8	2500	Nb	6	-	6	•	998.3	+6	WNW	3	bc/ps	35	85	8	2500	CuNb	4	-	4	3
Birr Castle	998.8	•	SW	3	bc/ph$_0$	42	75	8	1500	CuNb	5	-	5	•	1003.4	•	SW	2	bc-	35	75	7	1500	CuNb	4	-	4	•
Holyhead	998.9	+5	W'S	6	bc	43	65	7	1500	St	6	Ci.St	7	1	1002.5	+5	W	6	ct	41	65	7	1500	Cu	8	-	8	6
Liverpool (Bidston)	996.6	+3	W'S	6	c-	41	85	8	1500	CuNb	5	Ci.St	8	•	1000.1	+4	W'S	7	b-	35 (red 39)	65	8	1500	CuNb	1	-	1	•
Chester (Sealand)	997.4	+3	W	6	c/ps$_0$	43	75	7	2500	StCu	6	Ci	9	2	1001.2	+5	W	4	b/ps$_0$	38	75	7	2500	CuNb	2	-	2	•
Harrogate	993.8	+1	WSW	7	oH(R)	39	92	5	2500	Nb	10	-	10	•	998.3	+7	WSW	6	or	37	85	7	2500	Nb	10	-	10	•
Spurn Head	993.9	+1	WSW	6	c	44	65	7	4000	Cu	8	-	8	•	997.5	+6	WSW	6	bc-	40	75	6	4000	St	3	-	3	4
Birmingham (Edgbaston)	1000.2	+1	W	2 (red 4)	bc/~~pH~~ (red prs$_0$)	42	65	8 (red 5)	2500	CuNb	3	-	3	2	1004.1	+4	WSW	4	bct	39	65	8	4000	StCu	4	-	4	•
Cranwell	997.0	0	WSW	6	bc	45	65	8	2500	Cu	6	-	6	1	1001.0	+3	WSW	4	b-	38	85	7	2500	StCu	1	-	1	•
Gorleston	998.3	+1	WSW	4	bc	49	65	6	4000	Cu	6	-	6	•	1001.6	+3	WSW	4	b	42	75	7	-	-	0	-	0	0
Valentia (Cahirciveen)	1005.5	+4	SW'W	5	c	43	65	8	2500	St	7	ASt	9	2	1008.7	+4	W'S	5	bc	42	65	8	2500	StCu	3	-	3	5
Roches Point	1004.6	+3	NW	3	c	44	85	8	2500	StCu	5	CiCu	8	•	1009.9	+5	NW	3	bc/ps	39	92	8	1500	StCu	2	CiCu	4	4
Pembroke (St. Ann's H.)	1003.5	+3	WNW	8	bc	45	85	7	2500	Cu	4	-	4	•	1005.4	+4	WNW	6	bc/PH	42	92	7	1500	Cu	5	-	5	5
Ross-on-Wye	1002.0	+2	W	5	bcjp	44	65	8	4000	Cu	3	-	3	2	1004.5	+3	W'S	3	b	40	65	8	4000	CuNb	2	-	2	•
Leafield	1001.3	+1	WSW	5	b	44	65	8	4000	Cu	2	-	2	2	1004.1	+3	WSW	3	b	37	75	8	4000	StCu	1	-	1	•
Winchester (Worthy Dn.)	1003.8	+1	W'S	5	bc	48	55	8	4000	Cu	2	Ci.St	5	2	1006.0	+3	WSW	3	bc-	40	75	7	-	-	0	Ci.St	3	•
S. Farnborough	1002.8	+1	WSW	5	bc-	48	65	8	4000	Cu	3	Ci	5	2	1005.5	+3	W'S	3	b	39	75	7	-	-	0	Ci	1	•
London (Kew Obsy.)	1002.1	+1	WSW	4	bc-	47	55	7	4000	Cu	1	Ci	4	2	1004.7	+4	WSW	2	b	42	75	6	-	-	0	Ci	1	•
Croydon	1002.8	0	WSW	5	bc-	48	65	7	2500	Cu	2	Ci	6	2	1005.2	+4	WSW	3	b-	40	75	6	-	-	0	Ci	1	•
Shoeburyness	1002.1	+1	W	5	bc-	49	75	7	-	-	0	ACu	3	•	1003.9	+3	SW	1	b-	42	85	5	2500	Cu	2	-	2	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1003.4	+2	WSW	4	bc	43	75	7	4000	Cu	2	Ci.St	5	3
Felixstowe	1001.9	0	SW'S	5	bc-	47	65	8	2500	Cu	2	Ci	3	0	1003.8	+4	WSW	3	b	44	65	8	-	-	0	Ci	1	1
Lympne	1003.9	+1	SW	5	c	47	75	8	1500	StCu	7	ASt	9	2	1004.1	+1	W'S	3	b	40	85	8	-	-	0	Ci	2	•
Scilly (St. Mary's)	1008.3	+2	W	6	c/ph$_0$	44	85	7	4000	Nb	9	-	9	•	1010.2	+2	WNW	6	bcR	44	75	6	4000	Nb	1 (red 5)	-	8 (red 5)	6
Falmouth (Pendennis)	1007.1	+2	W	5	c/ps$_0$	46	65	7	4000	Cu	4	ASt	10	•	1010.3	+2	NW'W	3	bc/ps	44	65	7	4000	CuNb	7	-	7	2
Plymouth (Cattewater)	1006.4	+1	W	5	ct	48	65	7	2500	Nb	6	ACu	8	2	1008.3	+3	W	4	bc/ps$_0$	42	75	7	2500	CuNb	3	Ci.St	4	3
Portland Bill	1004.3	0	W	6	bc-	48	65	8	2500	Cu	2	Ci	3	•	1006.3	+1	WSW	5	c⊕	45	65	8	2500	StCu	2	Ci.St	10	5
Southampton (Calshot)	1004.4	-1	W	5	bc/ps$_0$	46	75	8	1500	CuNb	6	-	6	2	1006.6	+3	W	3	bct	41	75	7	2500	CuNb	3	ASt	7	0
Dungeness	1004.2	+1	W	5	c-	47	75	8	2500	StCu	7	CiCu	9	•	1005.0	+2	WSW	3	bc-	43	85	7	1500	Cu	3	CiCu	5	3
[illegible]sey (Fort George)	1007.6	-1	W	5	bc-	49	85	7	1500	CuNb	6	Ci	7	•	1009.3	+1	WNW	4	ct	45	75	8	4000	CuNb	3	ASt	10	4

LONDON OBSERVATIONS. (Kew, Croydon: 24 hours ended 7h.)

Station	Height above M.S.L. in feet.	Weather (24 Hours ended 9h.) Morning.	Afternoon.	Night.	Temperature Max. Day. °F.	Min. Nght. °F.	Min. on Grass. °F.	Rainfall mm. Day.	Night.	Sunshine to Sunset, hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	cbcycp$_0$	bcybg	bwbx	49	34	29	0.1	-	3.5	*	*	5
Croydon	244	crr m	bcb	bcb	49	35	31	1	-	3.8	*	*	5
Greenwich (Royal Obsy.)	149	c	cby	bcbxbc	49	35	28	-	-	3.5	47	69	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	2.8	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	~~49~~ (red 50)	35	27	-	-	3.3	52	80	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	3.1	*	*	*
Camden Square	110	c	bccb	*	47	35	29	-	-	*	*	80	*
Kensington Palace	80	c	c	*	49	35	-	-	-	*	{At 18h} 67	72	*
Hampstead Observatory	460	*	*	*	48	30	-	-	-	3.4	*	81	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington	0.6	18h 1st	<0.3	2h 2nd
Kew Observatory	<0.3	Throughout the period.		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 1st 18 h. 0 m. to 2nd 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 30	12.30	100
δ Ursae Minoris	12 30	12.30	100

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

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET.
2nd & 3rd February 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.38 7.36	12.7 12.7	16.36 16.38
Greenwich	7.41 7.39	12.14 12.14	16.47 16.49
Wick	8.22 8.19	12.26 12.26	16.31 16.34
Valentia	8.23 8.22	12.55 12.55	17.27 17.29

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.

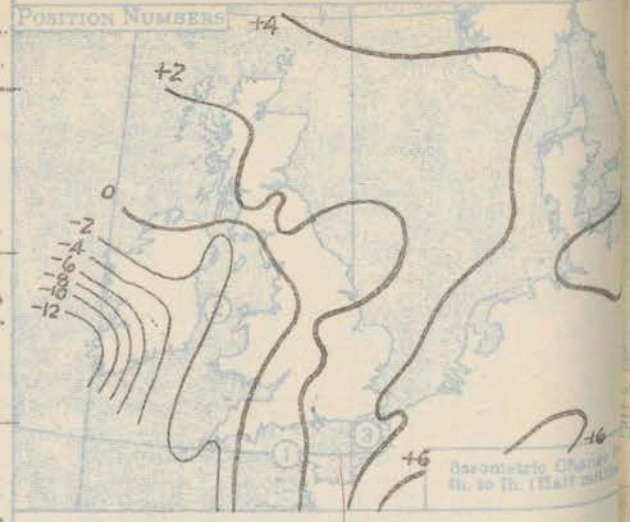
M.O. Form 2310.

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	corrcq	oirrcq	oirq	44	36	.	2	14·30	4	<21·00	1·5
Stornoway	p	p	s-rs	s-rs	43	33	.	5	‡	3	‡	0·2
Wick	c	prs.c	cpsc	c	42	33	.	0·1	16·30	0·3	<21·00	.
Tiree	prhcq	ph.cq	phbcq	prhcq	44	35	31	1	18·00	2	<21·00	1·5
Nairn	bcprs	bcq/sp	cq.sp	cq	40	33	.	0·5	11·00	1	<21·00	1·5
Aberdeen	bcb	bq	b	bbc	43	34	30	–	–	–	–	3·0
Malin Head	cphr.	cPHR	cirscPH	c.PH	43	33	.	3	<18·00	5	<21·00	0·7
Renfrew	cPRH	cpkps	bccphrshcrs	shbcpkq	42	33	32	3	9·00	7	<21·00	0·3
Edinburgh (Inchkeith)	pq	q/PRS	bccPS	prsq	45	33	32	2	18·00	2	<21·00	0·4
Leuchars	bcc,cq,p	cq/pbcq/p	bccq/rs	crsrsq/c	41	34	29	0·1	12·30	3	22·00	1·2
Eskdalemuir	cirrcsp	cscosnr	bcm.dsn	oismcw	38	30	28	9	18·00	5	<21·00	0·0
Tynemouth	bcq/p	bcprs.	bq	bcp.q	44	36	31	0·6	11·00	0·5	–	.
Blacksod Point ...	PHc	PHq	bqhoc	bho	44	35	.	2	‡	3	‡	.
Donaghadee	cprs.	bcps.	bcpS	bcq.ps	41	32	.	1	<18·00	6	<21·00	.
Birr Castle	cphr.	bcps.	bcp.wcp	hw	43	34	29	2	8·00	3	<21·00	2·4
Holyhead	bbcq	bcPHq	bcq	bcbq	44	38	37	0·6	16·30	–	–	3·3
Liverpool (Bidston) ...	cp.pq	cprhq	obcq	bwbq	44	36	32	0·3	11·00	–	–	3·5
Chester (Sealand) ...	bccprq	bcKQH	bbc	bbc	46	37	29	1	9·00	–	–	3·4
Harrogate	cqrHR	ocbcphc	pcbPH	cbPH	41	35	31	3	<18·00	1	<21·00	3·4
Spurn Head	b-bc	b-bc	bcb.	bcx	44	39	.	–	–	–	–	6·1
Birmingham (Edgbaston)	bcprshq	bc	b	bx	44	33	30	1	9·00	–	–	5·0
Cranwell	bccbc	c	bbcpqb	bx	46	33	31	–	–	0·1	<21·00	6·1
Gorleston	bcq	bcphqbck	bx	bx	49	33	30	1	13·30	–	–	4·7
Valentia (Cahirciveen)	cphrl	ophr	bcpzh	bbcor	45	40	37	1	<18·00	1	<21·00	0·0
Roches Point	bcc	cprhqbc	bcpb	bcc	44	36	.	0·4	13·30	0·2	22·00	.
Pembroke (St. Ann's H.)	bcq	bcq	bcq	bcq	45	41	.	0·2	17·30	–	–	5·3
Ross-on-Wye	bc	bcb	bbcb	bx	47	35	29	–	–	–	–	6·1
Leafield	bbcphbc	bcb	bx	bbcc	46	31	27	Trace	11·00	–	–	6·5
Winchester (Worthy Dn)	cprbcq	bcq	bcb	bbcx	48	32	27	0·3	<18·00	Trace	–	2·8
S Farnborough ...	cPRqbck	bcqb	b	bwx	48	31	27	1	<18·00	Trace	–	4·1
London (Kew Obsy.) ...	cbcqcp	bcqbq.	bw	bx	49	34	29	0·1	<18·00	–	–	3·5
Croydon	crscm.	bcb	bcb	bcb	49	35	31	1	<18·00	–	–	3·8
Shoeburyness	ocbc	bcc	b	bx.	50	34	31	1	<18·00	–	–	3·7
Clacton-on-Sea ...	bc	bc	bc	bcbx	48	34	29	–	–	–	–	3·2
Felixstowe	cm.bc	bcqb	bwx	bx	49	35	31	–	–	Trace	–	3·5
Lympne	cm.c	bcb	bbcb	bx	47	30	27	Trace	<18·00	–	–	1·9
Scilly (St. Mary's) ...	bccp	bcPHqbq	bcP	bcp	49	38	.	5	9·00	2	<21·00	1·6
Falmouth (Pendennis)	bccprq	cprq	bcpq	bcprq	49	40	.	1	<18·00	0·3	<21·00	1·9
Plymouth (Cattewater)	bccpr	bcrcprq	acb	acb	~~49~~ 50	39	31	0·1	11·00	Trace	–	1·0
Portland Bill	cr.bc	bcc	bccprb	bcbrc	50	40	.	Trace	<18·00	Trace	<21·00	.
Southampton (Calshot)	cPRHqbc	p	bcbw	bwbc	49	34	30	0·6	<18·00	Trace	–	2·2
Dungeness	oc	bbc	bcbcb	b	48	35	.	Trace	<18·00	–	–	.
Guernsey	orrirq	bccq	cbc	bcv	49	42	.	0·1	<18·00	–	–	1·7

ISALLOBARS — 2nd February

POSITION NUMBERS



Barometric Change in 6h. to 7h. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	1st 10h	Cambria	WSW	6	c	43	47
3	2nd 2h	Dieppe	NW	5	bc	44	47

GENERAL DISCUSSION

An intense secondary depression west of Ireland associated with a deep depressi[illegible] of diminishing intensity off th[illegible] west coast of Norway is expecte[illegible] to pass rapidly east or northea[illegible] across the British Isles. A p[illegible] of rainy weather over England and Ireland with southwesterly to westerly gales is probable a[illegible] further falls of snow are anticipated in Scotland but with in 24 hours the weather will probably have become mainly fine apart from a few scattered showe[illegible] and frost should be fairly genera[illegible] tomorrow night.

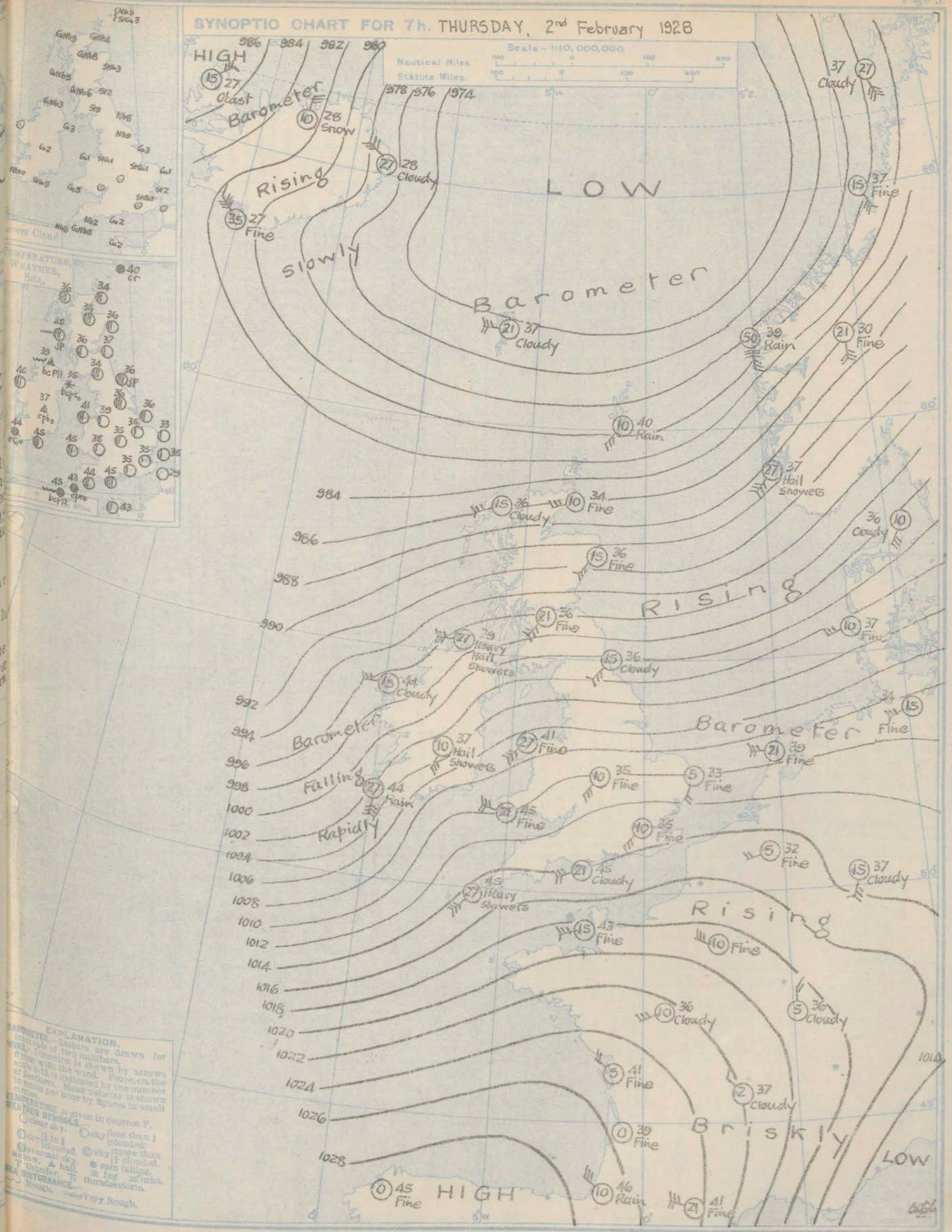
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 2nd February, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓	This evening. Southwesterly gale; intermittent rain; moderate temperature. Tomorrow. Strong, squally westerly winds, reaching a gale at times; mainly fine and bright, a few scattered showers of rain or hail; colder.	Further wet and stormy periods.
7. North Wales ↓ 8. N.W. England ↓ 9. N. Midlands 10. N.E. England ↓	This evening. As 1 - 6. Tomorrow. Strong, squally, northwesterly winds; mainly fine and bright, but a few scattered showers of rain, sleet or snow; colder.	↓ 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 15. N.E. Scotland ↓ 16. Orkneys and Shetlands ↓	This evening. Strong southerly winds; intermittent rain, sleet or snow; rather cold. Tomorrow. As 7 - 10.	
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Wind westerly to northwesterly, a gale at times; intermittent rain this evening, fine and bright apart from a few scattered showers of rain or hail tomorrow; milder temporarily tonight.	

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

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

‡ For code see page 1

SYNOPTIC CHART FOR 7h. THURSDAY, 2nd February 1928



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of two millibars.

WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-15, 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 ¾ clouded. ● overcast sky. ● rain falling. ▲ snow. ▲ hail. ≡ fog. ≡ mist. ⊤ thunder. ⊤ thunderstorm.

SEA DISTURBANCE.—〰 Rough. 〰 Very Rough.

H. M. Stationery Office Litho Press, Aldershot. W. O. 7.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Thursday 2nd February 1928. No. 33

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.§ 0-6	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	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.§ 0-6	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sun. 0-9
Lerwick	64	979	+8	SW	8	c/p	41	92	7	4000	CuNb	5	ASt	9	994	+4	SW	3	cr	40	97	7	4000	Nb	8	-	8	.
Stornoway	30	985.6	+3	W	4	bc/pr	•	•	7	•	•	•	•	6	985.5	+2	WSW	4	c/s	36	97	6	4000	CuNb	9	-	9	4
Wick	81	983.7	+4	WSW	4	c	35	85	8	1500	CuNb	6	CiSt	8	986.4	+3	WSW	3	bc	34	92	8	1500	CuNb	4	CiSt	6	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	992.7	+1	W	6	c/p	40	85	8	2500	CuNb	9	-	9	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	988.2	•	W	3	c/s	34	85	7	4000	CuNb	8	-	8	.
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	991.4	+2	SW	4	bc+	36	75	8	4000	StCu	3	ACu	7	0
Malin Head	61	996.7	0	W	7	c/PH	37	97	7	4000	CuNb	8	-	8	996.9	+1	W	6	bc/PH	39	97	7	4000	CuNb	3	ACu	4	7
Renfrew	30	•	•	•	•	•	•	•	•	•	•	•	•	•	996.7	+2	SW	5	bc/h	36	85	6	1500	CuNb	6	-	6	.
Edinburgh (Inchkeith)	190	994.3	+4	WSW	6	c/s	34	97	8	800	Nb	8	-	8	993.7	+1	WSW	5	b+	37	92	8	800	St	2	-	2	3
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	994.4	+3	WSW	6	c+	35	85	7	1500	Nb	5	ACu	8	.
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	994.4	+2	SWW	6	c	34	85	6	1500	St	9	-	9	.
Tynemouth	67	999.3	+3	W	4	b	37	85	8	2500	CuNb	2	-	2	1000.4	+1	SW	4	c/p	36	97	6	1500	Nb	8	-	8	4
Blackwod Point	18	1001.0	0	W	6	c	40	85	7	•	CuNb	8	-	8	997.9	-2	W	4	c	44	65	6	•	-	0	ASt	10	5
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.1	-3	WNW	3	bc/ps	35	92	8	2500	CuNb	4	-	4	9
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.7	•	SSW	3	c/ph	37	92	7	1500	Cu	2	ASt	9	5
Holyhead	26	1006.2	+3	SW'W	6	bc	39	75	7	4000	StCu	6	-	6	1006.3	-1	SW	6	bc+	41	75	8	2500	Cu	1	ASt	3	.
Liverpool (Bidston)	180	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.4	0	SW'W	5	b	39	65	7	2500	StCu	1	Ci	2	.
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.4	0	SW	4	bc	40	75	8	4000	StCu	2	Ci	4	.
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.2	+1	SW	4	c+	36	85	7	2500	Nb	9	ASt	10	.
Spurn Head	29	1003.6	+5	W'S	5	b	37	85	7	-	-	0	-	0	1005.6	+1	WSW	6	bc	36	85	7	4000	Cu	3	-	3	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.7	+1	SW	3	bc+	35	75	8	-	-	0	ASt	5	.
Cranwell	236	1006.5	+2	WSW	5	b	34	85	7	4000	Cu	1	-	1	1008.0	+2	SW'W	5	b	35	85	8	4000	StCu	0	CiSt	2	3
Gorleston	14	1006.5	+4	SW'W	1	b	34	92	7	-	-	0	-	0	1010.4	+3	SSW	2	b+	33	85	7	5000	Cu	1	-	1	0
Valentia (Cahirciveen)‖	30	1009.9	-1	SSW	6	bcv	43	92	9	-	CuNb	7	-	7	1002.7	-12	S'W	6	pr+	44	85	6	2500	Nb	10	-	10	.
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.1	-4	W	4	c	45	85	8	1500	StCu	9	-	9	4
Pembroke (St. Ann's H.)	150	1008.9	+3	WNW	5	bc	43	85	8	1500	Cu	4	-	4	1009.8	-1	WNW	5	bc	45	92	8	1500	Cu	5	-	5	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.3	0	W'S	4	b+	38	75	7	-	-	0	ASt	2	.
Leafield	312	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.5	+1	SSW	4	c	33	85	8	4000	StCu	2	ASt	9	.
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.4	+2	S'E	2	bc	32	85	7	2500	StCu	1	CiSt	6	.
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.5	+2	SW'W	3	b	35	85	8	-	-	0	ASt	2	.
London (Kew Obsy.)	18	•	•	•	•	36	•	•	•	•	•	•	•	•	1013.1	+2	S'S	3	b	35	85	6	5000	StCu	1	-	2	.
Croydon	244	1010.5	+4	W'S	3	b	35	85	6	-	-	0	-	0	1013.6	+2	S W	4	b	37	85	7	-	-	0	-	0	1
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.2	+2	WSW	3	b	36	85	6	-	-	0	-	0	.
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.0	+2	W	3	b	35	85	7	2500	St	2	-	2	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.4	+2	SW	3	b	36	85	8	-	-	0	-	0	.
Lympne	350	1010.3	+5	W	3	b-	35	92	8	2500	StCu	1	-	1	1014.4	+4	SW	3	b-	32	92	8	-	-	0	-	0	0
Scilly (St. Mary's)	163	1014.5	+2	W'N	6	bc	43	75	8	4000	Cu	5	-	5	1014.9	-1	SW'W	6	bc/pr	45	85	6	4000	Nb	6	-	6	6
Falmouth (Pendennis)	200	1014.5	+4	WNW	5	bc/pr	41	75	8	4000	CuNb	5	-	5	1015.2	-2	W	5	c/pr	43	85	8	4000	CuNb	8	-	8	2
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.4	0	W'S	5	bc+	44	65	7	2500	Nb	2	CiSt	4	1
Portland Bill	32	1012.3	+3	W	4	bc+	43	65	8	4000	Cu	4	-	4	1014.0	+1	WSW	5	c+	45	65	8	1500	Cu	2	ASt	10	5
Southampton (Calshot)	10	1012.2	+6	W	3	b-	35	85	8	-	-	0	-	0	1015.0	+2	WSW	4	bc+	38	85	8	4000	Cu	2	ACu	7	0
Dungeness	20	1010.7	+5	WNW	2	b-	36	85	8	-	-	0	-	0	1014.4	+3	NW	3	b	39	85	8	-	-	0	-	0	3
Guernsey (Fort George) †	295	1015.2	+4	NW	4	bc	43	85	7	2500	Cu	4	-	4	1018.0	+1	W'S	4	bc	43	75	9	2500	Cu	2	ACu	7	.

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

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 31st to 9h. 1st.	Temperature. Max. 9h. 1st to 9h. 2nd.	Rainfall.† Night 17h.-9h. 31st-1st.	Rainfall.† Day 9h.-17h. 1st.	Sunshine. Sunrise to Sunset. 1st.
(1)	(2)	(3)	(4) °F	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	c	cpr.c	35	41	2	Trace	2·4
Douglas (I. o. M.)	cbqr.	cbphq	38	42	2	0·3	2·3
Llandudno	cp	chc	37	44	0·1	0·5	0·9
Colwyn Bay	bcb	bbcho	38	44	-	1	1·1
Rhyl	occ	bchltr	34	45	0·1	1	2·4
Wallasey	cbcpc	cbcirhrsc	35	45	-	1	2·1
Southport	chcorc	chcc	*39	43	1	1	2·8
Blackpool	cp	cp	37	43	2	0·3	2·4
Ilkley	rc	rhc	35	42	7	5	0·2
Cleethorpes	b	b	38	47	3	-	6·0
Skegness	obc	b	33	47	3	-	6·2
Aberystwyth	ocbc	bcc	41	45	0·5	-	1·4
Bath	cbcb	bcb	36	48	5	-	5·5
Cheltenham‖	crbcd	bcb	42	49	4	Trace	6·8
Leamington Spa	bc	bc	41	46	1	-	5·3
Lowestoft	bcbbc	cprbc	36	49	4	0·2	5·4
Felixstowe	bc	bc	35	49	3	-	5·5
Harwich & Dovercourt	bc	bc	40	49	4	-	5·8
Southend	ocb	bc	37	50	3	-	5·6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	bcd	cbc	41	47	6	0·3	2·9
Bude	bcc	cbc	41	47	3	-	2·8
Penzance	bc	cbcpr	47	51	0·3	0·2	1·4
Paignton	ocp.	c	36	51	4	Trace	2·4
Torquay	poopc	cm	35	51	2	Trace	2·5
Jersey	rc	poc	39	50	2	1	1·2
Weymouth	pcb	b	39	51	8	0·2	2·3
Bournemouth	ocr	bcc	36	49	4	0·3	2·1
Ventnor	orcp	cbc	40	49	3	0·3	2·4
Portsmouth (S'thsea)	o	bc	37	49	3	-	2·1
Bognor	o	bc	41	49	4	-	1·5
Littlehampton	opbc	bc	34	48	3	0·3	1·7
Worthing	crc	cirbc	36	48	4	0·3	2·3
Brighton	ocbc	bcpb	37	48	5	Trace	2·4
Eastbourne‖	oco	ocbc	45	50	3	-	2·1
Hastings‖	ocbcc	cbcc	44	49	3	-	1·8
Folkestone	romc	cbcc	34	49	2	-	1·8
Dover	orcbc	bcb	40	49	2	Trace	1·8
Tunbridge Wells	roco	cbc	34	50	2	Trace	2·0
Ramsgate	opbc	bcb	38	49	1	0·6	2·0
Margate	crc	bc	40	50	2	-	2·2
Deal	o	cbbc	38	50	2	-	1·7

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

* Information not usually received. ‖ The observations at 1h G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. ‡ For code see page 1. †‡ See footnote page 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. 24179 Friday, 3rd February 1928. Page 1.

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

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	State of ground.
Lerwick	984·6	+8	SW	2	ch(e)	39	97	8	4000	Cu.Nb	5	Ci.St	8	•
Stornoway	989·6	+4	W	2	bc	40	85	6	4000	Cu.Nb	4	Ci	7	•
Wick	990·5	+4	SW	3	bc	39	85	8	1500	Cu.Nb	5	Ci.St	7	•
Tiree	992·8	0	SW	3	ct	40	85	5	1500	St.Cu	8	A.St	10	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	994·1	+2	SW	4	bc	40	65	8	2500	Cu	1	A.Cu	6	2
Malin Head	992·3	-6	ENE	6	oss	34	97	5	2500	Nb	10	–	10	•
Renfrew	996·5	-3	SSE	2	c	39	85	7	–	–	0	A.St	10	2
Edinburgh (Inchkeith)	994·9	-3	SSW	4	c	40	85	8	800	St	3	Ci	9	•
Leuchars	996·0	0	WSW	3	bc	38	85	7	1500	Nb	1	A.St	7	2
Eskdalemuir	997·5	-6	SW	3	o	36	97	7	1500	St	10	–	10	7
Tynemouth	1000·0	-2	SW	5	bc	43	75	6	1500	Cu	3	Ci	5	•
Blacksod Point	994·6	+2	NNW	6	c	39	85	8	*	Cu.Nb	10	–	10	•
Donaghadee	995·7	-8	SW	4	cr	37	97	7	2500	Nb	8	–	8	•
Birr Castle	995·6	•	SW	3	bc/rr	41	85	7	1500	Cu	6	–	6	•
Holyhead	998·5	-13	S	6	c/r	43	92	6	1500	Nb	9	A.St	10	2
Liverpool (Bidston)	1000·5	-8	S	4	c-	42	75	8	4000	St	9	Ci.St	9	•
Chester (Sealand)	1000·5	-11	SSW	5	c/rr₀	44	75	8	4000	Cu.Nb	3	Ci	8	2
Harrogate	1002·5	-2	SSW	4	c	40	75	7	4000	Nb	3	A.St	10	•
Spurn Head	1004·2	-1	SW'S	6	ct	42	75	7	–	–	0	Ci.St	9	•
Birmingham (Edgbaston)	1006·4	-6	SSW	5	ct	40	85	7	2500	Nb	9	–	9	2
Cranwell	1007·9	-2	SSW	5	ct	41	85	7	2500	St	6	A.St	10	1
Gorleston	1010·9	0	SSW	4	bc	43	75	6	–	–	0	Ci.Cu	3	•
Valentia (Cahirciveen)	1003·2	+3	W'N	6	bc	43	65	8	2500	St	6	–	6	2
Roches Point 1500'	1002·2	-2	WNW	4	b/rr₀	45	85	9	~~4000~~	Cu	1	Ci.Cu	2	•
Pembroke (St. Ann's H.)	1001·9	-10	SW	8	ct	45	92	7	2500	Nb	9	–	9	•
Ross-on-Wye	1005·7	-7	S'W	5	or₀t	41	85	6	2500	Nb	10	–	10	2
Leafield	1008·4	-4	S'W	5	c	41	75	8	4000	St.Cu	2	A.St	10	2
Winchester (Worthy Dn.)	1011·8	-5	S	4	cr₀	43	75	8	1500	St	9	A.St	10	2
S. Farnborough	1011·7	-5	SSW	4	c/rr	43	75	7	4000	St.Cu	4	A.St	9	2
London (Kew Obsy.)	1011·8	-6	SW	5	cr₀	45	65	8	1500	Nb	7	A.St	9	2
Croydon	1012·1	-4	SW	5	cr₀	46	65	7	2500	Cu.Nb	5	Ci.St	9	2
Shoeburyness	1012·5	-2	WSW	5	bct	46	65	8	4000	Cu	1	A.St	5	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1012·4	-2	S'W	5	b	45	65	7	–	–	0	Ci.St	2	1
Lympne	1013·6	-4	SW'S	6	bct	45	75	7	2500	Cu	6	Ci	7	2
Scilly (St. Mary's)	1009·0	-7	SW	7	oRR	46	97	6	2500	Nb	10	–	10	•
Falmouth (Pendennis)	1007·9	-8	SW'W	9	o/rh	46	85	7	4000	Nb	6	A.St	9	•
Plymouth (Cattewater)	1009·1	-9	SW	8	orr	41	75	6	1500	Nb	10	–	10	2
Portland Bill	1010·5	-4	SW	7	c/r	47	75	6	1500	St	8	A.St	10	•
Southampton (Calshot)	1012·7	-5	SW'S	6	cjp	46	75	7	2500	Nb	4	A.St	9	2
Dungeness	1014·1	-2	WSW	5	bct	45	85	8	4000	Cu	6	–	6	•
Guernsey (Fort George)	1016·0	-4	SW	5	b ct	48	75	8	2500	Cu	3	A.St	7 ~~10~~	•

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	987·9	+3	S	2	c	41	92	8	4000	Cu	5	Ci.St	8	•
Stornoway	990·1	+1	W	2	c	35	92	6	4000	Cu.Nb	5	A.St	8	1
Wick	990·8	+2	SW	3	c	36	92	8	2500	St.Cu	6	Ci.St	8	0
Tiree	992·6	+1	S	3	c	37	97	7	1500	Cu.Nb	3	A.St	10	4
Nairn	993·7	•	–	0	bc	35	85	8	4000	Cu.Nb	7	–	7	•
Aberdeen	993·1	-1	SSW	3	ct	37	85	6	–	–	0	A.St	10	0
Malin Head	993·9	+2	W	4	cjp	39	85	7	4000	Cu.Nb	9	–	9	5
Renfrew	991·8	-4	W	3	mmo	34	97	4	800	Nb	10	–	10	•
Edinburgh (Inchkeith)	989·8	-5	N	3	orr	35	97	7	800	Nb	10	–	10	2
Leuchars	991·7	-4	SE	2	orr	36	97	6	800	Nb	10	–	10	•
Eskdalemuir	991·2	-4	SW'S	5	oss	33	97	5	800	Nb	10	–	10	•
Tynemouth	992·6	-4	SSW	4	cjp	37	92	6	1500	Nb	8	–	8	4
Blacksod Point	998·5	+2	W	5	c	42	55	7	•	Cu.Nb	9	–	9	6
Donaghadee	994·5	+5	WNW	5	bc/rr	36	92	7	2500	Cu.Nb	7	–	7	4
Birr Castle	1000·4	•	W	4	c/rr₀	37	85	7	1500	Nb	8	–	8	•
Holyhead	995·8	-1	NW'W	8	c	40	85	7	1500	Cu	9	–	9	7
Liverpool (Bidston)	994·6	-5	SWW	4	c/r	39	85	7	1500	Nb	9	–	9	•
Chester (Sealand)	994·9	-6	SWW	5	bc/rr	41	75	6	1500	Cu	4	–	4	•
Harrogate	995·7	-4	SSW	4	bc-	38	85	7	2500	Nb	3	–	3	•
Spurn Head	996·9	-10	SSW	7	orr	40	97	7	4000	Nb	10	–	10	5
Birmingham (Edgbaston)	999·5	-5	S	4	bc-	38	85	8	1500	Cu	1	A.St	3	•
Cranwell	999·8	-9	S'W	6	cr₀	39	97	6	800	Nb	6	A.St	9	•
Gorleston	1004·7	-6	S'W	6	or₀	43	85	6	2500	Nb	10	–	10	4
Valentia (Cahirciveen)	1006·1	+4	NW'N	5	c/ph₀	40	85	8	2500	St	10	–	10	5
Roches Point	1006·0	+8	WNW	4	cts₀	41	92	8	800	Nb	9	–	9	4
Pembroke (St. Ann's H.)	1002·2	+1	W	5	bc-	43	85	8	2500	Cu	4	–	4	5
Ross-on-Wye	1001·2	-3	W'S	4	c	41	75	8	2500	Nb	2	A.St	9	•
Leafield	1002·3	-5	SW'S	4	cgg	36	97	8	2500	Nb	6	A.St	9	•
Winchester (Worthy Dn.)	1005·1	-7	S'W	6	oRR	40	97	7	800	Nb	10	–	10	•
S. Farnborough	1003·9	-9	SSW	6	oRR	43	85	6	1500	Nb	10	–	10	•
London (Kew Obsy.)	1004·1	-11	SSW	6	cr₀r₀	44	85	8	800	Nb	6	A.St	9	•
Croydon	1005·0	-10	SSW	6	oRR	43	92	6	800	Nb	10	–	10	•
Shoeburyness	1005·8	-3	WSW	5	c/r	46	75	6	2500	St	10	–	10	•
Clacton-on-Sea	1006·9	-6	SSW	5	c	43	85	7	2500	Nb	3	A.St	10	3
Felixstowe	1006·6	-7	S	6	c/r	43	85	7	1500	St.Cu	10	–	10	6
Lympne	1008·5	-7	SSW	7	c	43	75	7	1500	Cu	6	A.St	10	•
Scilly (St. Mary's)	1007·6	-1	W	6	c/rr₀	45	85	7	5700	St.Cu	9	–	9	7
Falmouth (Pendennis)	1006·3	-1	WNW	4	cr₀	42	85	7	4000	Nb	5	A.St	8	2
Plymouth (Cattewater)	1006·1	0	WNW	4	cr	42	85	6	1500	Nb	7	A.St	9	5
Portland Bill	1004·2	-5	SW'W	6	orr	43	92	6	1500	Nb	10	–	10	7
Southampton (Calshot)	1005·9	-8	SSW	8	orr	45	85	6	1500	Nb	10	–	10	3
Dungeness	1006·9	-9	SSW	7	ct	45	85	8	~~450~~ 1000	St	7	Ci.St	10	6
Guernsey (Fort George)	1008·8	-10	SW	6	cr₀r₀	47	85	7	1500	Cu.Nb	7	A.St	10	6

LONDON OBSERVATIONS.

Station	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 } 24 hours ended 7h.	18	bxbcx₀	c/hcrg	cbcbx	46	33	27	3	10	3·5	*	*	6
Croydon } 24 hours ended 7h.	244	cbbcm	crorRm	Rqrsshe	48	33	30	2	13	3·4	*	*	6
Greenwich (Royal Obsy.)	149	cbbc	c prq	cqrrsbx	48	33	27	1	9	3·2	87	80	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	3·1	*	*	•
Westminster (St. James' Pk.)	27	*	*	*	48	34	27	12		3·2	84	30	•
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	3·2	*	*	•
Camden Square	110	bc	co	*	45	34	29	3	11	*	*	89	•
Kensington Palace	80	cor	or	*	48	33	?	3	10	*	(At 18h) 7.6	80	•
Hampstead Observatory	450	*	*	*	45	30	?	(Tr)	(Tr)	3·1	*	86	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
0·6	9h 2nd	<0·3	3h 3rd

Kew Observatory			
Max.	Time.	Min.	Time.
<0·3 whole period			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 2nd Feb 18 h. 0 m. to 3rd Feb 6 h. 30 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12·30	6·3	48
δ Ursae Minoris	12·30	5·12	42

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 Feb., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.36 / 7.34	12.7 / 12.7	16.38 / 16.40
Greenwich	7.39 / 7.38	12.14 / 12.14	16.49 / 16.51
Wick	8.19 / 8.17	12.26 / 12.26	16.34 / 16.36
Valentia	9.22 / 9.36	12.55 / 12.55	17.29 / 17.30

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.

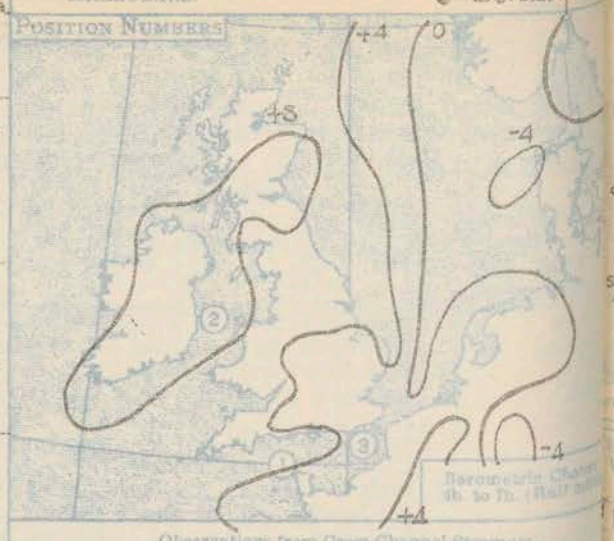
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h.	13h.-18h.	18h. to 1h.	1h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN Hours.
Lerwick	cphr	cphr	c	bcc	42	35	.	7	<8.00	-	-	0.0
Stornoway	s-rs	p	bbc	s-rs	40	30	.	1	*	5	*	0.8
Wick	b-bc	c	f-m	cprs	41	32	.	-	-	0.1	6.30	.
Tiree	pr.co	ad.	bc	prbc	42	36	29	1	11.00	1	2.30	0.0
Nairn	cprsbc	bc	bcx	bc	39	31	.	0.4	<8.00	-	-	2.8
Aberdeen	bc	bcm.	om.	oc	41	37	33	-	-	-	-	2.5
Malin Head	bccass	oSc	cjpbcprs	cbcpphr	40	37	.	9	11.00	1	22.00	0.0
Renfrew	bcpqyc	corrrs	Smssc	cbc	39	32	26	5	<8.00	2	<21.00	0.6
Edinburgh (Inchkeith)	bcc	cr.r.	RSRSc	cbc	41	33	31	2	15.30	4	<21.00	3.2
Leuchars	rscbcybc	bccor	rssrsc	cx	39	32	27	3	<8.00	7	<21.00	2.2
Eskdalemuir	coprh.co	ossm	osm.c	coisbc	36	31	30	16	11.00	3	<21.00	0.0
Tynemouth	cbcq	bcqy	cir.	c	43	34	30	2	14.30	0.3	<21.00	.
Blacksod Point ...	clpqo	pqc	pqc	rc	43	34	.	2	*	2	*	.
Donaghadee	ps.ir	prs.	qprs.	qprs.	41	34	.	3	<8.00	1	<21.00	.
Birr Castle	cpHR	cpr.	coss	bc	43	34	29	3	<8.00	2	<21.00	1.4
Holyhead	bcphrqy	kqyprq	bcq	prbc	45	39	37	3	11.00	0.1	03.30	1.0
Liverpool (Bidston) ...	bcq.	corbc	cprhq	crhq	43	36	33	2	11.00	3	<21.00	1.7
Chester (Sealand) ...	bcqy	cbqR	cprhqbc	becrtq	44	35	31	1	12.30	3	<21.00	1.1
Harrogate	cbcc	cobcrq	bccbp.	bccpbh	41	33	31	0.3	14.30	1	<21.00	2.0
Spurn Head	bc	cor	bcb	bx	43	35	.	0.5	15.30	Trace	<21.00	3.6
Birmingham (Edgbaston)	bcc	orbc	bcebc	bcos	40	33	31	3	13.30	1	6.30	2.1
Cranwell	b-bc	cpir	cbccb	b.c	43	33	33	1	15.30	-	-	3.2
Gorleston	bxbbcq	bcqycq	Rrqc	cqbcx	44	33	30	Trace	17.30	5	<21.00	3.8
Valentia (Cahirciveen)	rphtl	bcphc	bcphq	bcphq	45	35	33	3	<8.00	3	<21.00	0.0
Roches Point	cbrqrtlh	cprsq	cpbc	bcpb	47	35	.	3	9.00	4	22.00	.
Pembroke (St. Ann's H.)	bccrr	cobc	bcq	bcq	46	40	.	2	9.00	-	-	0.3
Ross-on-Wye	bcpcorq	rRc	bcbq	bbcq	42	35	30	9	9.00	-	-	1.1
Leafield	cbc	corRcq	r.cbc	bcx	41	31	27	9	13.30	0.1	<21.00	2.9
Winchester (Worthy Dn.)	bccprq	crqrlqr	RRoRrc	cbcx	44	33	29	11	11.00	4	<21.00	2.4
S. Farnborough ...	nxbbc	cprqoR	oRRrsmx	bcbx	46	32	29	6	12.30	11	<21.00	2.9
London (Kew Obsy.) ...	bxbcr.	crRcrq	CCRRC	bcbx	46	33	27	3	13.30	10	<21.00	3.5
Croydon	cbbcm.	crcRRm	Rqrssoc	bbc	48	33	30	2	12.30	13	<21.00	3.4
Shoeburyness	bbc	bcr.	orro	bcbqx	47	34	31	Trace	16.30	5	<21.00	3.3
Clacton-on-Sea ...	bccbc	bcco	oqr	orbccx	46	34	28	-	-	4	<21.00	2.6
Felixstowe	bbccb	bbcr.	cqRc	cbcb	45	34	30	Trace	16.30	4	<21.00	3.1
Lympne	bc	cprc	corro	obxb	46	32	29	1	14.30	6	<21.00	4.0
Scilly (St. Mary's) ...	bccoRlq	orrcp	cbcph	bcPh	47	39	.	16	11.00	1	24.00	0.1
Falmouth (Pendennis)	cprhqy	crr.qy	bcprq	bcprhq	48	38	.	9	<8.00	0.2	22.00	0.9
Plymouth (Cattewater)	bcprhqy	RRcm	cprbc	bcprbx	48	33	31	13	<8.00	3	<21.00	0.3
Portland Bill	cqrrrz	cqirrkr	oircbc	cbc	48	40	.	7	11.00	2	<21.00	.
Southampton (Calshot)	cprqc	cprqm	orrbcb	b	47	33	31	3	11.00	1	<21.00	3.1
Dungeness	bbc	bcr.cq	orrdc	cbc	46	35	.	Trace	13.30	4	<21.00	.
Guernsey	bcPRlq	bccqr.o	cRRiRq	ciRqbc	48	35	. 1	Trace	14.30	21	<21.00	4.4

CNSPRHbc

ISALLOBARS. 3rd February

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	2nd 10h	Canberra	S'W	5	c+	44	46
1	2nd 12h	Reindeer	W	8	h(r)	43	49
3	3rd 2h	Arundel	WSW	2	c/r	40	48

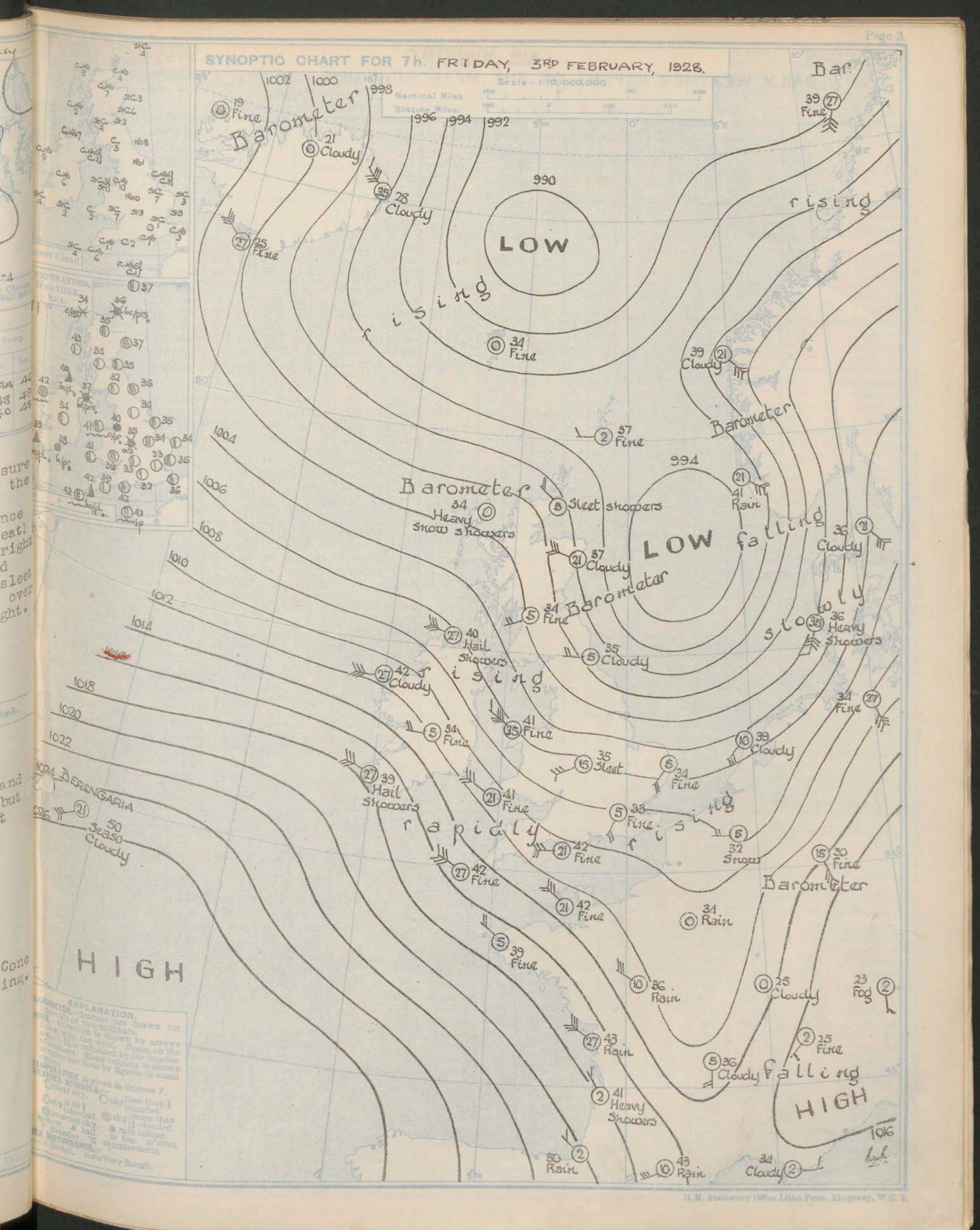
GENERAL INFERENCE.

A wedge of high pressure will move eastwards across the British Isles and a deep depression will then advance from the Atlantic. The weather will be mainly fine and bright today, with a few scattered showers of rain, hail or sleet and frost will be general over England and Scotland tonight.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 3rd February, 1928.	Further Outlook.
1. S.E. England ↓	Strong squally winds from between W. and N.W., becoming southwesterly or southerly later; mainly fine this evening, frost in most places at night; becoming dull to rainy and relatively mild tomorrow.	Stormy and unsettled but some bright periods.
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 ↓		↓ South Cone still flying.
13 {A. W. Scotland ↓ B. N.W. Scotland ↓}		
14. Mid-Scotland		
15. N.E. Scotland ↓		
16. Orkneys and Shetlands ↓		
17. N.W. Ireland ↓	Wind becoming strong to a gale from between S. and S.W., veering to W. or N.W. later; a rainy period followed by showers and bright intervals; moderate temperature to rather mild.	
18. N.E. Ireland ↓		
19. S.E. Ireland ↓		
20. S.W. Ireland ↓		

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

FS 30/1633 wt. 103 C.15115 23055 2/28. ↓ For code see page 1 † Trace = rain has fallen, but amount less than 0·1 mm.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday, 3rd February.....1928. No. 34.

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 3rd. 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. 3rd. 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	994·4	+2	W	1	bc	37	97	8	4000	Cu	3	Ci St	6	994·9	+5	W	1	bc	37	85	8	5100	St Cu	4	A St	7	0
Stornoway	30	996·0	+3	-	0	b-	•	•	8	•	•	•	•	2	1001·7	+6	-	0	c/prs	34	97	6	4000	CuNb	9	-	9	0
Wick	81	993·1	+1	SW	2	c	32	92	8	1500	St Cu	6	A St	10	998·0	+5	NW	2	bc/prs	36	97	8	1500	CuNb	4	Ci St	6	2
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·2	+7	NW	2	b	40	85	8	2500	CuNb	2	-	2	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1000·5	•	W	1	bc+	35	85	8	4000	CuNb	7	-	7	0
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	997·3	+8	WNW	5	c	37	85	8	4000	St Cu	3	A Cu	9	•
Malin Head	51	996·9	+4	WNW	6	c/prs	42	92	7	4000	CuNb	3	A St	9	1006·0	+8	WNW	6	bc/ph	40	97	7	4000	CuNb	7	-	7	5
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1002·1	+8	WSW	2	bc	34	85	8	4000	St Cu	4	-	4	•
Edinburgh (Inchkeith)	190	992·0	+3	WNW	3	c	36	92	8	-	-	0	A St	9	999·1	+9	WNW	4	bc	35	85	8	800	St	2	A Cu	4	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	999·7	+10	W	3	c	35	75	8	4000	St Cu	6	A St	8	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1001·2	+6	NW'W	6	bc	32	85	7	1500	Cu	3	Ci St	4	2
Tynemouth	67	993·7	+4	W	4	c/jp	38	97	6	1500	Nb	9	-	9	999·8	+7	W	2	c	35	92	7	1500	Nb	8	-	8	
Blacksod Point ...	18	1003·9	+2	NW	6	c	41	65	7	•	CuNb	8	-	8	1011·3	+4	W	6	c	42	55	6	•	CuNb	8	-	8	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·3	+9	W	6	bc/prs	37	85	8	2500	CuNb	7	-	7	4
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·8	•	W	2	bc-	34	97	7	1500	CuNb	6	-	6	6
Holyhead	26	1001·4	+3	W	7	c+	39	75	7	1500	St Cu	8	-	8	1006·7	+9	NW'W	7	bc	41	75	7	1500	St Cu	4	-	4	
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·9	+7	NW'W	7	c/pr	40	85	6	800	CuNb	10	-	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1003·8	+6	NW	7	c/ra	40	85	6	1500	Nb	9	-	9	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1002·1	+7	WSW	2	b	34	85	8	2500	Nb	1	Ci	2	•
Spurn Head	29	996·9	+2	W'S	6	b	37	75	7	-	-	0	-	0	1001·6	+4	SW'W	4	bc+	35	85	7	2500	Cu	4	-	4	4
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·1	+3	WSW	4	ors	35	92	6	800	Nb	10	-	10	•
Cranwell	236	1000·7	+7	SW'W	3	b	35	97	8	4000	Cu	2	-	2	1003·5	+3	SW'W	4	c	34	92	6	2500	St Cu	7	A St	9	0
Gorleston ...	14	1001·3	0	WSW	3	c	38	85	7	2500	Nb	4	A St	10	1004·8	+4	SW	2	bc	34	85	6	4000	St Cu	3	-	3	
Valentia (Cahirciveen)‡	30	1011·3	+5	WNW	6	c+/(R)	43	97	9	-	CuNb	8	-	8	1018·0	+8	WNW	6	bc/ph	39	75	8	2500	St Cu	4	-	4	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1015·5	+9	NW	4	b/pr	38	97	8	1500	St Cu	2	-	2	•
Pembroke (St. Ann's H.)	150	1004·1	+1	NW'W	5	bc	42	92	8	1500	Cu	6	-	6	1010·3	+4	NW'W	5	bc-	41	97	8	2500	Cu	2	Ci St	4	•
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·7	+4	W'N	5	c+	39	75	8	4000	St Cu	7	A St	8	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·5	+2	WSW	4	bc+	33	85	8	1500	St	3	A St	5	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·6	+2	SW'S	3	bc	34	85	8	2500	St Cu	2	A Cu	3	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1008·1	+3	W	3	b	32	92	8	-	-	0	A St	1	•
London (Kew Obsy.) ...	18	•	•	•	•	•	37	•	•	•	•	•	•	•	1007·8	+3	SSW	2	b	33	92	7	-	St Cu	1	-	1	•
Croydon	244	1005·1	+1	WSW	3	bc-	37	85	6	-	-	0	Ci St	6	1007·6	+3	WSW	3	b	35	85	6	-	-	0	-	0	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1007·4	+3	W'S	2	b	35	92	6	-	-	0	A St	2	1
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·7	+3	SW	4	bc	35	92	7	2500	St	3	-	3	4
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1006·6	+2	SSW	4	b	35	85	7	4000	Cu	1	-	1	•
Lympne	350	1005·9	-2	SW	3	c	36	97	8	1500	Nb	10	-	10	1008·4	+2	W'S	3	b	33	92	8	-	-	0	A St	2	•
Scilly (St. Mary's) ...	163	1011·0	+5	NW'W	5	bc	41	85	7	4000	CuNb	7	-	7	1014·7	+4	NW'W	6	bc-	42	65	9	4000	St Cu	4	-	4	7
Falmouth (Pendennis)	200	1009·9	+4	NW'W	2	bc	38	92	8	4000	CuNb	4	-	4	1012·9	+4	NW'W	5	bc/ph	42	65	7	4000	CuNb	6	-	6	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1012·5	+4	WNW	3	b	39	85	7	2500	CuNb	1	-	1	1
Portland Bill	32	1006·5	+1	W	5	c+	43	75	8	1500	St	3	Ci St	8	1009·2	+4	W	5	bc-	42	75	8	2500	Cu	2	Ci	3	4
Southampton (Calshot)	10	1006·8	+2	W'S	3	b-	36	85	8	-	-	0	A Cu	1	1009·3	+5	W	3	b	34	85	8	4000	CuNb	1	A Cu	1	0
Dungeness	20	1005·3	-2	WSW	4	c/r	41	92	8	1500	Cu	8	-	8	1008·2	+3	W	2	bc-	36	92	8	2500	CuNb	3	Ci	5	4
Guernsey (Fort George) ‖	295	1008·4	+3	NW	1	bc	45	85	8	4000	Cu	4	-	4	1012·5	+3	NW	5	bc/jp	42	65	8	1500	CuNb	6	-	6	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Thursday, 2nd Feb.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 1st to 9h. 2nd	Temperature. Max. 9h. 1st-17h. 2nd	Rainfall.† Night 17h.-9h. 1st-2nd	Rainfall.† Day 9h.-17h. 2nd	Sunshine. Sunrise to Sunset. 2nd
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			°F.	°F.	mm.	mm.	hr.
Berwick-on-Tweed	bc	cr.o	33	41	4	0·4	4·6
Douglas (I. o. M.) ...	cbco	RPH	36	43	-	6	1·2
Llandudno ...	cr	rc	38	46	-	3	0·3
Colwyn Bay ...	bcb	bcpco	38	44	-	4	0·2
Rhyl...	bcero	or	37	44	0·1	3	0·5
Wallasey	bcc	cRc	36	44	0·3	2	0·9
Southport	cbcco	orco	*37	44	0·4	0·5	0·7
Blackpool	coph	rc	38	44	0·2	3	0·1
Ilkley	cor	or	34	41	1	2	0·6
Cleethorpes... ...	b	odo	33	44	-	Trace	3·9
Skegness	b	bod	33	43	-	Trace	3·4
Aberystwyth ...	coprh	prc	40	44	1	0·5	0·0
Bath	bbcc	cr RH	35	45	-	7	2·5
Cheltenham‖ ...	bbccd	oRq	34	44	-	7	2·3
Leamington Spa ...	bc	or	33	43	-	4	2·0
Lowestoft	cbc	bcc	32	44	-	-	3·7
Felixstowe	bc	bcc	34	45	-	-	3·0
Harwich & Dovercourt	bc	bcor	34	46	-	Trace	3·0
Southend	ocbc	bcbor	33	47	-	1	3·7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	orr	rr	39	45	1	14	0·0
Bude	rr	rr	39	46	4	9	0·0
Penzance	oir	orr	40	48	1	18	0·3
Paignton	orp	prhtlq	36	47	0·3	13	1·0
Torquay	opw	cotirq	38	47	-	13	1·1
Jersey	bc	c	42	49	0·1	-	5·5
Weymouth	bcq	porr	38	49	-	6	2·3
Bournemouth ...	bcor	orr	35	47	0·3	7	2·6
Ventnor ...	bc	bcpog	37	49	-	Trace	3·4
Portsmouth (S'thsea)	b	co	37	49	-	-	3·4
Bognor	bbc	Ror	36	47	-	2	3·6
Littlehampton ...	bc	bcerc	34	47	-	2	4·0
Worthing	bcb	bcerc	32	49	-	0·5	3·9
Brighton	cbcb	bbcc	36	48	-	-	3·9
Eastbourne‖	cbc	bcpco	36	48	-	1	(4·1) 3·9
Hastings‖	xbcb	orhco	33	48	0·1	1	4·2
Folkestone	xbccm	bccir	32	47	-	1	3·8
Dover	cbc	bccpc	35	47	-	0·6	3·6
Tunbridge Wells ...	bcb	ocoro	32	47	-	Trace	3·5
Ramsgate	bcb	bbc	33	47	-	-	3·5
Margate	bc	bcc	34	48	-	-	3·2
Deal	bccb	bcopo	34	47	-	0·5	3·3

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. ‖ 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:

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

STATIONS. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1000·3	+3	W'S	1	bc	42	85	8	5700	StCu	5	-	5	·
Stornoway	1008·0	+5	-	0	c+	39	85	7	4000	CuNb	9	-	9	·
Wick	1004·9	+6	W	2	bc	41	85	8	2500	StCu	4	CiSt	6	*
Tiree	1011·5	+5	W	4	bc	41	85	9	2500	Cu	3	-	3	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Aberdeen	1006·4	+9	WNW	4	b	42	65	8	2500	CuNb	1	Ci	1	2
Malin Head	1013·0	+8	W	4	bc/ph	41	92	8	4000	CuNb	6	-	6	·
Renfrew	1010·2	+7	W	3	b	41	75	8	-	-	0	ACu	1	7
Edinburgh (Inchkeith)	1008·2	+9	W	3	b	40	75	7	-	-	0	ACu	1	·
Leuchars	1008·8	+8	W	4	b	42	75	8	-	-	0	ACu	2	2
Eskdalemuir	1010·6	+9	W'S	3	bc	36	75	8	4000	Cu	3	-	3	8
Tynemouth	1008·2	+9	WNW	3	bc	41	75	7	1500	CuNb	4	-	4	·
Blacksod Point	1017·1	+5	N	5	bc	44	65	9	*	CuNb	7	-	7	·
Donaghadee	1013·9	+10	WNW	4	bc/prs	40	85	8	2500	CuNb	4	-	4	·
Birr Castle	1017·5	·	SW	2	b-	40	75	8	-	-	0	Ci	2	·
Holyhead	1015·0	+7	WNW	6	bc	42	75	7	1500	Cu	7	-	7	1
Liverpool (Bidston)	1013·5	+7	WNW	6	b	42	75	8	1500	CuNb	2	-	2	·
Chester (Sealand)	1012·6	+7	WNW	7	bc/prs	43	75	8	2500	StCu	6	-	6	2
Harrogate	1010·5	+7	WSW	3	b	41	75	8	4000	Cu	1	-	1	·
Spurn Head	1009·5	+8	WNW	5	bc	41	85	8	-	-	0	Ci	4	·
Birmingham (Edgbaston)	1013·9	+8	NW	5	c+	41	65	8	2500	StCu	9	-	9	2
Cranwell	1010·9	+7	WNW	5	b	42	75	6	2500	Cu	1	-	1	1
Gorleston	1009·8	+3	W'N	2	c+	41	85	7	4000	StCu	8	-	8	·
Valentia (Cahirciveen)	1022·8	+3	NW'W	3	c	42	85	8	2500	St	2	ASt	10	2
Roches Point	1021·3	+3	N	4	bc	43	85	8	2500	StCu	4	-	4	·
Pembroke (St. Ann's H.)	1018·2	+5	NW	5	b-	43	97	8	-	-	0	ASt	2	·
Ross-on-Wye	1014·9	+6	WNW	4	bc	42	65	9	4000	StCu	5	-	5	2
Leafield	1014·0	+8	W'N	5	bc	42	75	9	4000	Cu	6	-	6	2
Winchester (Worthy Dn.)	1014·6	+6	W'N	5	c+	44	65	8	2500	Cu	8	-	8	2
S. Farnborough	1013·9	+7	WNW	5	c	44	65	7	2500	StCu	8	-	8	2
London (Kew Obsy.)	1013·6	+6	WNW	4	bc/r	43	65	7	1500	StCu	7	-	7	2
Croydon	1013·6	+7	WNW	4	c-	42	75	6	2500	StCu	9	-	9	2
Shoeburyness	1012·2	+5	NWW	4	c+	41	85	7	2500	Cu	8	-	8	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1011·3	+5	W	4	c/rs	39	85	7	4000	StCu	8	-	8	2
Lympne	1012·5	+5	WNW	4	c+	40	75	6	2500	StCu	8	-	8	2
Scilly (St. Mary's)	1022·3	+5	NW	6	bc	45	65	8	4000	Cu	4	-	4	·
Falmouth (Pendennis)	1020·6	+3	NW'W	6	bc	45	65	8	4000	Cu	4	-	4	·
Plymouth (Cattewater)	1018·9	+6	NW	5	bcjp	45	55	8	4000	CuNb	4	-	4	2
Portland Bill	1016·2	+6	WNW	5	b	45	65	8	2500	Cu	2	-	2	·
Southampton (Calshot)	1015·8	+6	WNW	5	bc	44	65	7	4000	Cu	5	-	5	2
Dungeness	1012·9	+5	W	4	c+	42	75	8	2500	StCu	9	-	9	·
Guernsey (Fort George)	1019·0	+5	NW	4	bc+	45	65	9	4000	Cu	7	-	7	·

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1003·7	+5	SW	2	cjp	38	92	8	4000	CuNb	5	ASt	8	·
Stornoway	1010·3	+3	-	0	bc-	35	97	7	4000	CuNb	5	-	5	0
Wick	1010·0	+6	WNW	2	bc	34	92	8	1500	CuNb	3	Ci	4	0
Tiree	1013·7	+2	W'S	3	o	38	92	8	1500	St	10	-	10	2
Nairn	1011·8	·	W	2	bc-	35	85	8	4000	Cu	5	-	5	·
Aberdeen	1012·7	+6	WSW	3	b	38	65	8	2500	StCu	1	ACu	1	0
Malin Head	1015·9	+3	W	4	c/ph	40	85	7	4000	CuNb	8	-	8	4
Renfrew	1015·6	+7	W	3	c U	36	85	6	5700	StCu	1	CiSt	9	·
Edinburgh (Inchkeith)	1013·8	+5	W	2	b	38	85	7	450	St	1	-	1	1
Leuchars	1014·4	+6	SW	3	b	35	75	8	4000	StCu	1	ACu	2	·
Eskdalemuir	1016·2	+5	W	5	bc	35	75	8	1500	Cu	3	-	3	·
Tynemouth	1016·7	+8	WNW	2	bc	37	85	6	800	St	4	-	4	2
Blacksod Point	1017·1	0	S	4	c	44	75	8	·	-	0	ASt	10	5
Donaghadee	1018·7	+7	WSW	2	bc-	37	85	7	4000	StCu	3	ASt	6	2
Birr Castle	1020·5	·	SW	1	c+	39	85	7	2500	StCu	3	ASt	10	·
Holyhead	1020·5	+6	~~W'S~~ W'N	4	bc+	42	75	7	2500	St	3	CiSt	6	4
Liverpool (Bidston)	1019·5	+8	W	5	bcjp	41	85	7	2500	Cu	7	-	7	·
Chester (Sealand)	1019·0	+8	WNW	5	bjp	40	75	8	1500	CuNb	2	-	2	·
Harrogate	1018·0	+8	SW'W	3	b	35	92	7	-	-	0	ACu	1	·
Spurn Head	1016·7	+8	WNW	3	b	40	85	7	-	-	0	-	0	3
Birmingham (Edgbaston)	1021·1	+8	W	3	c	40	65	8	~~2500~~ 4000	StCu	9	-	9	·
Cranwell	1018·3	+9	WNW	3	b	37	85	6	-	-	0	ASt	1	·
Gorleston	1016·9	+6	W'N	1	b	38	85	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1022·5	0	SW	2	c	43	85	8	2500	St	8	ASt	10	4
Roches Point	1023·9	+3	NW	2	c	43	92	8	2500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1022·9	+4	WNW	4	bc+	43	92	8	2500	Cu	3	CiSt	6	2
Ross-on-Wye	1021·4	+8	W'N	3	bc	40	65	8	4000	Cu	1	Ci	4	·
Leafield	1021·2	+9	WSW	3	bc	37	75	8	4000	StCu	3	-	3	·
Winchester (Worthy Dn.)	1021·5	+7	W'S	3	bc+	40	65	8	4000	StCu	7	-	7	·
S. Farnborough	1020·6	+8	W	2	bc+	37	75	7	4000	StCu	3	Ci	4	·
London (Kew Obsy.)	1020·9	+7	W	2	c+	41	75	5	1500	StCu	4	ACu	8	·
Croydon	1020·5	+9	W'N	2	bc	40	75	5	2500	StCu	5	-	5	·
Shoeburyness	1018·3	+3	NW'W	2	b	39	85	6	2500	St	1	-	1	·
Clacton-on-Sea	1017·9	+7	WNW	4	b	40	85	7	4000	Cu	2	-	2	1
Felixstowe	1018·6	+9	WNW	3	b	39	85	7	-	-	0	-	0	1
Lympne	1019·2	+7	W'N	3	mb	36	85	4	-	-	0	-	0	·
Scilly (St. Mary's)	1026·0	+4	WNW	5	bc	46	85	8	4000	Cu	2	ACu	6	5
Falmouth (Pendennis)	1025·9	+5	NW'W	2	bc-	43	65	8	4000	Cu	3	Ci	5	0
Plymouth (Cattewater)	1024·7	+8	NW	4	b	42	65	7	4000	CuNb	1	CiSt	2	1
Portland Bill	1022·0	+6	WNW	5	bc	44	65	8	2500	Cu	1	CiSt	7	5
Southampton (Calshot)	1021·9	+8	W	3	b+	39	75	7	4000	StCu	1	Ci	2	0
Dungeness	1019·3	+7	WNW	1	bc-	37	92	7	2500	StCu	4	-	4	2
Guernsey (Fort George)	1024·9	+7	NW	3	bc-	43	65	9	2500	Cu	3	Ci	4	3

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning.	Weather Afternoon.	Weather Night.	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs.	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
24 HOURS ENDED 9h.					44		0·1						
Kew } 24 hours ended 7h.	18	bxbcp,	cp,bcc	cbucx	~~49~~	31	24	~~0·4~~	Tr	2·4	*	*	5
Croydon } 24 hours ended 7h.	244	bm,xbc	c bcz,	bcbxbc	44	32	26	-	·	2·5	*	*	6
Greenwich (Royal Obsy.)	149	cr,c	cp,bcc	cbmcx	43	31	23	Tr.	-	1·9	71	83	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0·6	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	45	32	23	-	-	1·4	72	81	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	1·0	*	*	*
Camden Square	110	xc	cb	*	41	34	28	-	-	*	*	89	*
Kensington Palace	80	co	oc	*	44	31	?	-	0·3	*	(At 18h) 96	81	*
Hampstead Observatory	450	*	*	*	~~39~~ 43	~~32~~ 29	~~*~~ 18	Tr	Tr	2·0	*	79	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 HRS. ended 7h. G.M.T. 4TH

South Kensington Max.	Time.	Min.	Time.
1·0	20h 3RD	<0·3	2h. 4TH

Kew Observatory Max.	Time.	Min.	Time.
<0·3 whole period			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 3RD 18 h. 0 m. to 4TH 6 h. 39 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12 30	11 15	90
δ Ursae Minoris	12 30	10 53	87

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.

4TH & 5TH FEB., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·34 / 7·33	12·7 / 12·7	16·40 / 16·42
Greenwich	7·38 / 7·36	12·14 / 12·14	16·51 / 16·53
Wick	8·17 / 8·15	12·26 / 12·27	16·36 / 16·39
Valentia	8·20 / 8·18	12·55 / 12·55	17·30 / 17·32

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, „ less than 200 m.
m mist, „ 1000—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. Ꙍ = inner 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.

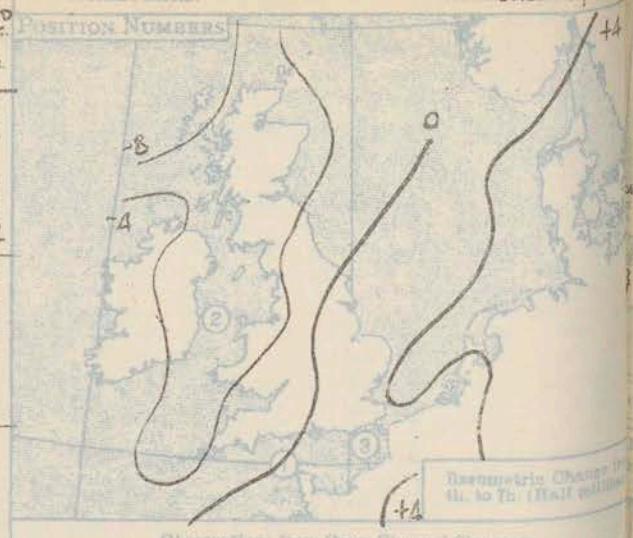
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6¼ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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.-1h. 3RD to 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	cbc	bcphc	bcc	c	43	36	.	0·3	16.30	-	-	3·1
Stornoway	c(r)	c(r)	c	r-d	39	34	.	2	*	2	*	2·6
Wick	b-bc	b-bc	bbc	c	42	32	.	-	-	-	-	.
Tiree	bcbc	pdc	cbc	cr,r	42	38	36	0·5	14.30	5	2.30	2·7
Nairn	bc	bc	bcxq	bc	40	34	.	-	-	-	-	5·8
Aberdeen	cbcq/b	b	bbc	c	42	33	28	-	-	Trace	6 30	5·2
Malin Head	cbcphr	bcchr	cprcr	cr	42	37	.	2	18.00	0·6	<21.00	0·8
Renfrew	bcz,b	bbcz	czc	cor,r	43	35	31	-	-	0·6	3 30	6·3
Edinburgh(Inchkeith)	bcb	bcb	cm,bc	p	42	35	32	-	-	Trace	4 30	6·2
Leuchars	cbcb	b	bbcbx	bxc	42	31	27	-	-	Trace	6 30	5·5
Eskdalemuir	bc	bc	bcc	cor,rm	38	26	23	-	-	1	4 30	5·1
Tynemouth	cbcq	bcq	bc	bcor	43	35	29	-	-	Trace	5 30	.
Blacksod Point ...	c	c	cd	d,d	45	42	.	0·5	*	8	*	.
Donaghadee	bcpr	pr,bc	co	ocr	43	35	.	0·4	18.00	2	2.30	.
Birr Castle	bcb	bcc	corr	oor	42	38	33	-	-	6	<21.00	3·6
Holyhead	bcq	bcbbc	bcc	oDD	43	41	38	-	-	5	2.30	5·7
Liverpool (Bidston) ...	cprhq	copoc	bcbcb	bor	42	36	29	1	15.30	0·2	5.30	3·3
Chester (Sealand) ...	hlphq	bcprq	cbc	bcor	43	35	30	2	18.00	0·3	5.30	5·6
Harrogate	b	b	b	bbcir	42	35	30	-	-	Trace	6.30	7·9
Spurn Head	b-bc	bcb	bcz	bcxcx	42	35	.	-	-	-	-	7·0
Birmingham(Edgbaston)	bcprs	cbcc	cb	bor	43	33	31	0·6	18.00	0·2	6.30	1·9
Cranwell	ps,cb	bcb	pbc	bbc	43	32	29	Trace	18.00	-	-	6·4
Gorleston	bccbc	cbcbm	bx	bx	42	31	27	-	-	-	-	3·9
Valentia(Cahirciveen)	bcphc	cbcmp	or	orpr	45	43	41	1	18.00	14	<21.00	1·4
Roches Point	bcprbc	bcc	corr	or,rcld	45	43	.	0·1	9.00	6	22.00	.
Pembroke(St.Ann's H.)	bcbq	bbcq	bc	orrm	45	42	.	-	-	3	2.30	6·6
Ross-on-Wye	bcv	bccbc	pcc	bcc	43	34	26	-	-	-	-	4·0
Leafield	cp,bc	bc	bcbx	bcc	43	30	26	0·1	9.00	Trace	-	5·2
Winchester (Worthy Dn)	bcxbcc	cbc	bcbx	bbccx	45	28	21	-	-	-	-	6·4
S Farnborough ...	bxbcc	cbc	bcb	b,cm	45	27	22	0·1	12.00	-	-	6·3
London (Kew Obsy.) ...	bxbcp	cp,bcc	cbw,bx	bcxcx	~~44~~	31	24	~~0·4~~	~~17.30~~	Trace	-	2·4
Croydon	bm,xbc	cbcz	bcb	bxbcc	44	32	26	-	-	-	-	2·5
Shoeburyness	bcc	b	bcm	bmcx	43	29	23	-	-	-	-	4·1
Clacton-on-Sea ...	bcprs	cbcb	bmx	bbcmx	42	32	24	0·4	11.00	-	-	3·5
Felixstowe	bcprs	bcb	bwm	bxwm	43	33	26	0·4	9.00	Trace	-	4·0
Lympne	bbcbm	cbcmbf	bmb	bxb	41	29	21	Trace	18.00	-	-	4·5
Scilly (St. Mary's) ...	bcph	bc	bcor	oir	45	43	.	0·2	9.00	1	24.00	6·5
Falmouth (Pendennis)	bcpq	bcpcc	bc	corr	46	39	.	Trace	15.30	3	2.30	7·0
Plymouth(Cattewater)	bcpqr	bcqqb	bbc	bcorrq	45	38	*	Trace	12.30	1	5.30	6·7
Portland Bill	bcb	bbc	bc	bcc	45	42	.	-	-	-	-	.
Southampton(Calshot)	b-bc	b-bc	bbwbc	bcxc	45	32	21	-	-	Trace	-	8·0
Dungeness	bcc	b-bc	bcb	bbcx	44	30	.	-	-	-	-	.
Guernsey	bcprq	bcir	bcv	bccv	45	41	.	Trace	18.00	-	-	7·4



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	3RD 10h	CAMBRIA	NW'N	6	bc	41	46
3	4TH 2h.	DIEPPE	NW'N	3	bc	45	47

GENERAL INFERENCE.

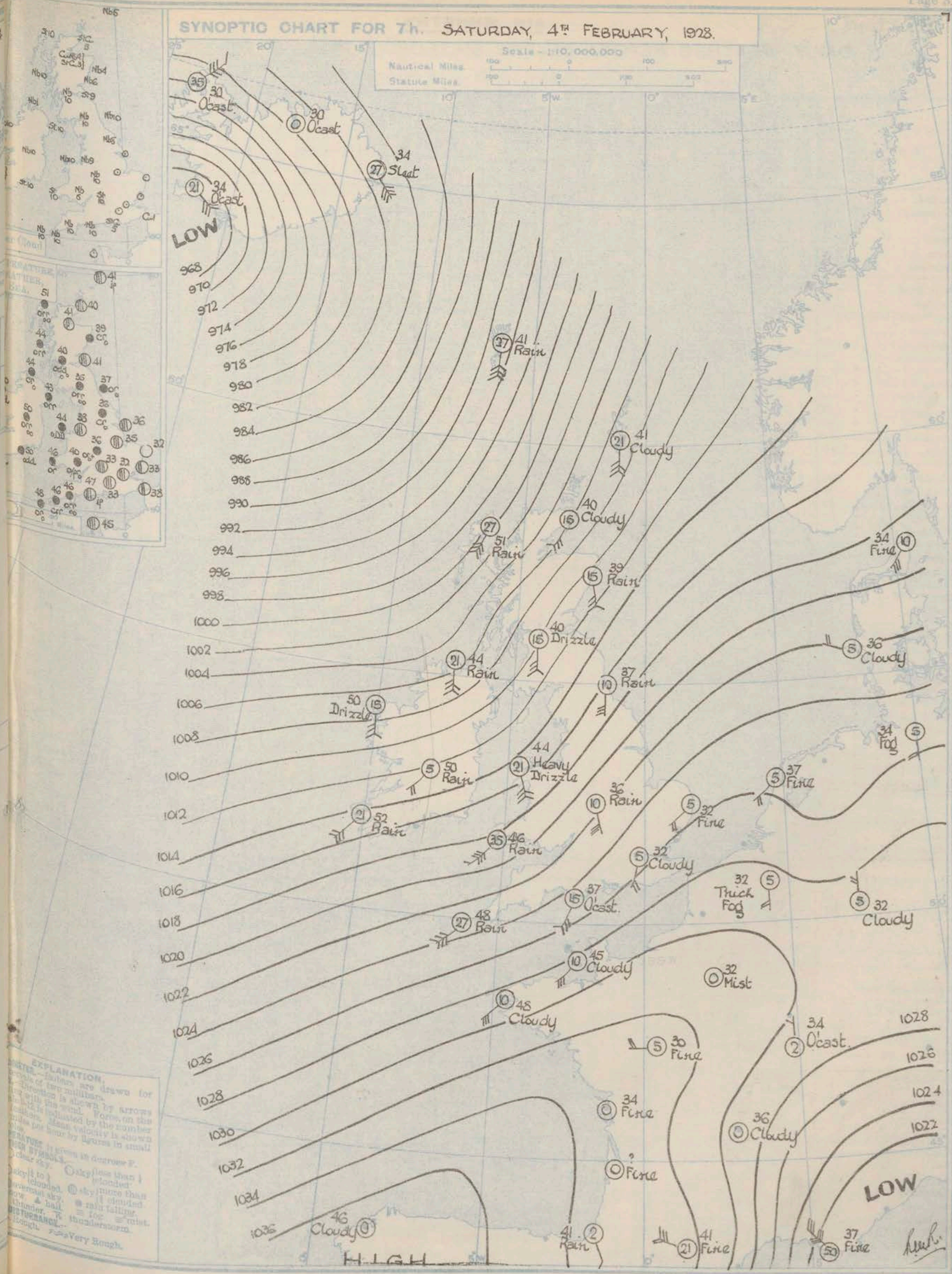
A deep depression centred southwest of Iceland will move northeast. Winds will be southwesterly strong to a gale at times veering to west in Ireland and Southwest England. Intermittent rain is expected in all districts today and showers with bright intervals tomorrow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 4th February, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands	Strong southwesterly winds, perhaps reaching a gale; sky mainly overcast with intermittent rain this evening; showers and bright intervals tomorrow; mild.	Stormy and unsettled.
5. S.W. England ↓ 6. South Wales ↓	Wind S.W. veering to W., strong to a gale at times; sky mainly overcast with intermittent rain this evening; showers and bright intervals tomorrow; mild.	
7. South 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 southwesterly, strong to a gale at times; sky mainly overcast with intermittent rain this evening; showers and bright intervals tomorrow; mild.	↓ South Cone still flying.
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	As 5 - 6.	

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

† For code see page 1

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


SYNOPTIC CHART FOR 7h. SATURDAY, 4th FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
968
970
972
974
976
978
980
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
1028
1026
1024
1022
HIGH
LOW
30 O'cast.
30 O'cast
34 Slect
34 O'cast
41 Rain
41 Cloudy
40 Cloudy
51 Rain
39 Rain
40 Drizzle
44 Rain
37 Rain
50 Drizzle
34 Fine
36 Cloudy
34 Fog
50 Rain
44 Heavy Drizzle
37 Fine
36 Rain
32 Fine
52 Rain
46 Rain
32 Cloudy
32 Thick Fog
32 Cloudy
37 O'cast.
48 Rain
45 Cloudy
32 Mist
48 Cloudy
30 Fine
34 O'cast.
34 Fine
36 Cloudy
Fine
46 Cloudy
41 Rain
41 Fine
37 Fine
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. SATURDAY, 4TH FEBRUARY 1928. No. 35

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 4TH: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1009.3	+5	SW	1	cjb	37	97	8	5000	St.Cu	2	A.St	8
Stornoway	30	1008.4	-3	WSW	5	c+	•	•	7	•	•	•	•	8
Wick	81	1011.9	0	SW	3	bc	36	97	8	4000	St.Cu	4	Ci.St	6
Tiree	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1010.6	-6	SE	5	cr+	39	85	7	4000	Nb	2	A.St	10
Renfrew	96	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	1015.7	+2	WSW	3	c	38	85	8	-	-	0	Ci.Cu	8
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	1019.3	+2	W	2	bc	36	92	7	800	St	4	-	4
Blacksod Point ...	18	1008.2	-5	W	6	od	49	92	7	•	Nb	10	-	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead ...	26	1020.4	-1	SSW	4	c	43	75	7	-	-	0	~~A.St~~ Ci.St	10
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1021.8	+4	W'S	3	bc+	36	97	5	-	-	0	A.St	7
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1023.6	+5	WSW	3	b	34	97	7	-	-	0	A.St	2
Gorleston	14	1023.6	+3	W'S	2	b	34	85	6	-	-	0	-	0
Valentia (Cahirciveen) P	30	1015.6	-3	SSW	5	orr	49	97	6	-	St	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1023.5	0	SW	4	bc	45	97	8	2500	Cu	3	A.St	5
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	34	•	•	•	•	•	•	•
Croydon	244	1026.2	+1	WSW	3	b	35	85	6	-	-	0	-	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1025.5	+5	NW	3	b+	33	92	8	-	-	0	Ci.St	1
Scilly (St. Mary's) ...	163	1026.9	0	SW	5	orr	45	92	9	4000	Nb	10	-	10
Falmouth (Pendennis)	200	1026.9	+1	WSW	3	c+	41	75	8	4000	Cu	4	A.Cu	8
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1026.8	+3	WNW	3	b:-	43	75	8	2500	Cu	3	-	3
Southampton (Calshot)	10	1027.0	+4	WSW	2	bc+	34	85	8	-	-	0	Ci	4
Dungeness	20	1026.1	+5	NW	1	b-	33	92	7	-	-	0	-	0
Guernsey (Fort George) P	295	1028.2	+1	-	0	bc+	41	75	8	2500	St.Cu	4	-	4

STATIONS.	Observations at 7h. G.M.T. 4TH: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	1007.2	-1	S	5	cjb	41	92	8	4000	Nb	5	Ci.St	8
Stornoway	999.2	-9	SSW	6	or	41	97	6	1500	St	10	-	10
Wick	1005.9	-6	SSW	4	c	40	85	8	2500	St.Cu	5	A.St	10
Tiree	1002.5	-5	S'W	5	orr	44	97	7	1500	Nb	10	-	10
Nairn	1004.5	•	W	2	bc+	41	75	8	4000	Cu Nb	7	-	7
Aberdeen	1010.8	-5	S	4	cr+	39	85	7	1500	Nb	4	A.St	10
Malin Head	1005.2	-3	S	5	cr	44	92	6	4000	Nb	1	A.St	9
Renfrew	1009.9	-7	S	4	odd	40	92	6	800	Nb	10	-	10
Edinburgh (Inchkeith)	1012.2	-6	SSW	3	c	41	75	8	1500	St	9	-	9
Leuchars	1011.3	-6	SSE	1	cr	37	85	8	2500	Nb	6	A.St	10
Eskdalemuir	1013.4	-7	S'W	5	or	35	92	6	1500	Nb	10	-	10
Tynemouth	1017.2	-2	S	3	or	37	85	7	1500	Nb	10	-	10
Blacksod Point ...	1007.0	-1	S	4	od	50	97	6	•	Nb	10	-	10
Donaghadee	1011.3	-6	SW	4	orr	43	97	7	1500	St	10	-	10
Birr Castle	1012.3	•	SW	2	or	50	97	6	1500	Nb	10	-	10
Holyhead ...	1014.7	-6	S'E	5	oDD	44	97	4	800	Nb	10	-	10
Liverpool (Bidston) ...	1017.4	-5	SE	4	c-	38	92	6	1500	Nb	9	-	9
Chester (Sealand) ...	1017.7	-6	SE'S	5	or	39	85	7	2500	Nb	10	-	10
Harrogate	1018.8	-2	S	3	cr	36	85	5	2500	Nb	8	A.St	10
Spurn Head	1022.3	0	SSW	4	c+	36	92	7	-	-	0	A.St	9
Birmingham (Edgbaston)	1022.8	-2	S	3	or+	36	85	6	1500	Nb	10	-	10
Cranwell	1024.1	0	SSW	3	c+	35	85	7	-	-	0	A.St	9
Gorleston	1025.5	0	SW	2	b	32	85	6	-	-	0	-	0
Valentia (Cahirciveen) P	1014.4	-1	SW'S	5	or	52	97	6	800	St	10	-	10
Roches Point	1016.8	-2	SW	4	odd	50	97	5	450	St	10	-	10
Pembroke (St. Ann's H.)	1018.0	-5	SW	7	or-	46	97	6	800	St	10	-	10
Ross-on-Wye	1022.5	-2	SW	3	c/pr	40	85	7	2500	Nb	8	A.St	10
Leafield	1024.4	-1	S'E	4	o	33	92	8	4000	St	10	-	10
Winchester (Worthy Dn.)	1026.6	0	SSE	2	c	33	92	7	2500	St.Cu	8	A.St	9
S. Farnborough ...	1026.2	0	SW	2	c	33	85	6	-	-	0	A.St	9
London (Kew Obsy.) ...	1027.1	+1	S'W	2	c	32	92	5	-	-	0	A.St	9
Croydon	1027.4	+1	S	3	c+	32	97	6	-	-	0	A.St	
Shoeburyness	1027.4	0	SW	1	bc+	33	97	6	-	-	0	A.Cu	7
Clacton-on-Sea ...	1026.1	+3	WNW	2	bc	33	92	6	-	-	0	Ci.St	4
Felixstowe	1027.5	+2	SW	5	b	33	92	5	-	-	0	A.Cu	1
Lympne	1027.7	+2	S'W	2	b	32	85	8	-	-	0	A.Cu	1
Scilly (St. Mary's) ...	1022.8	-4	SW	6	or	48	97	6	2500	Nb	10	-	10
Falmouth (Pendennis)	1023.2	-4	SW	6	orr	46	97	7	2500	Nb	10	-	10
Plymouth (Cattewater)	1024.5	-8	SW	5	or	46	97	6	800	Nb	10	-	10
Portland Bill	1025.6	-1	SSW	4	ojp	47	75	8	2500	Nb	10	-	9
Southampton (Calshot)	1026.9	0	S'W	2	c+	40	85	8	4000	St.Cu	5	A.St	3
Dungeness	1027.4	+3	W	1	bc+	38	85	7	1500	Cu	1	Ci.Cu	10
Guernsey (Fort George) P	1028.2	0	SW'W	3	c+	45	85	8	-	-	0	A.St	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3RD FEBRUARY.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. to 3rd 9h.	Temperature. Max. 9h.-17h. 3rd	Rainfall.† Night 17h.-9h. 2-3rd	Rainfall.† Day 9h.-17h. 3rd	Sunshine. Sunrise to Sunset. 3rd
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	c	bv	32	41	7	-	4.8
Douglas (I. of M.) ...	b	b, c	35	42	4	-	5.8
Llandudno ...	cb	cbc	37	43	3	-	1.9
Colwyn Bay ...	corc	bccb	36	43	6	-	2.0
Rhyl	bc	bchc	36	43	5	0.2	4.2
Wallasey	cbcb	bbcbc	37	43	6	Trace	2.7
Southport	rcbcc	cbc	36	43	7	-	3.1
Blackpool	cphr	cbcc	35	43	4	-	3.0
Ilkley	bc	oc	33	45	3	-	5.4
Cleethorpes	b	b	33	44	1	-	7.1
Skegness	bcsbcb	b	33	44	3	-	6.4
Aberystwyth ...	cbc	bcc	39	44	-	-	5.3
Bath	bcb	bcb	35	46	Trace	-	6.6
Cheltenham ...	bcbbc	bcdc	34	45	1	Trace	3.9
Leamington Spa ...	c	bc	33	44	0.5	-	0.4
Lowestoft	bbcc	cbcb	33	42	4	-	3.6
Felixstowe	bccrc	cbc	33	42	4	1	4.0
Harwich & Dovercourt	bc	rs bc	32	43	4	Trace	3.7
Southend	zoc	zcb	33	43	5	-	4.5

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	b	40	45	0.1	-	5.6
Bude	bc	bc	38	44	7	-	5.8
Penzance	b	b	37	47	1	-	6.6
Paignton	b	b	35	46	1	-	7.6
Torquay	bbcpbc	bc	35	48	1	Trace	5.4
Jersey	bbc	bc	37	48	13	-	5.2
Weymouth	b	b	37	47	4	-	8.2
Bournemouth ...	b	b	34	45	10	-	7.0
Ventnor ...	cb	b	36	46	9	-	8.3
Portsmouth (S'thsea)	b	b	36	45	10	-	7.7
Bognor	bbc	bc	33	45	8	-	5.5
Littlehampton ...	bc	bcb	32	45	6	-	6.2
Worthing	bbcb	bc	32	45	7	-	5.0
Brighton	bbc	bcb	35	45	8	-	5.2
Eastbourne	bbcc	cob	35	45	9	-	5.4
Hastings ‖	cbbcc	cbcb	33	45	6	-	4.9
Folkestone	bcm	cbc	33	43	5	-	4.3
Dover	bbcc	cb	34	43	4	-	4.8
Tunbridge Wells ...	bc	ocpcb	30	43	7	-	4.9
Ramsgate	bbcc	cbc	34	42	4	-	4.0
Margate	bc	bc	33	43	5	-	3.8
Deal	bbcc	cbcc	33	43	6	-	4.5

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. 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

‖ At stations marked thus the maximum temperature is for the period 8h.-17h. the minimum for the period 8h.-9h. ‖ 12h.-3h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24181 SUNDAY 5TH FEBRUARY 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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	996.1	-7	S	7	orr	42	97	7	4000	Nb	10	–	10	•
Stornoway	994.2	-4	SSW	4	od₀	48	97	6	1500	St	10	–	10	•
Wick	999.3	-6	S	4	c	43	97	8	1500	CuNb	6	ASt	8	•
Tiree	999.4	-2	SSW	6	o	49	97	6	800	St	10	–	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1004.7	-6	SSE	3	or₀r₀	41	92	6	1500	Nb	10	–	10	2
Malin Head	1002.2	-5	SSW	5	cr₀	50	92	7	4000	Nb	3	ASt	10	•
Renfrew	1005.2	-5	SW	5	od₀	49	92	6	800	Nb	10	–	10	2
Edinburgh (Inchkeith)	1004.6	-6	SW	4	o	46	85	7	800	St	10	–	10	•
Leuchars	1005.3	-7	S	1	c/d	42	92	7	1500	Nb	7	ASt	10	2
Eskdalemuir	1008.4	-6	SSW	4	or₀r₀	39	97	2	<150	Nb	10	–	10	7
Tynemouth	1010.9	-4	SW	3	[illegible]	42	92	7	1500	St	10	–	10	•
Blacksod Point	1003.6	-1	S	6	od	52	92	7	–	Nb	10	–	10	•
Donaghadee	1008.9	-3	SW	3	cr₀	50	92	7	1500	Nb	9	–	9	•
Birr Castle	1010.5	•	SW	2	orr	50	97	6	1500	Nb	10	–	10	•
Holyhead	1012.2	-2	SWS	5	or	48	97	6	450	Nb	10	–	10	2
Liverpool (Bidston)	1013.3	-4	SSW	4	cdd	48	97	9	2500	St	10	–	10	•
Chester (Sealand)	1013.6	-4	SWS	4	cr	52	85	8	1500	StCu	10	–	10	2
Harrogate	1013.6	-5	SSW	3	cr₀	44	97	5	2500	Nb	9	ASt	10	•
Spurn Head	1015.4	-6	S	6	or₀r₀	40	97	6	4000	Nb	10	–	10	•
Birmingham (Edgbaston)	1018.3	-4	SSW	4	o	44	97	6	1500	Nb	10	–	10	2
Cranwell	1018.2	-3	SW	6	or	42	97	6	800	Nb	10	–	10	2
Gorleston	1023.4	-2	S	4	c	41	85	6	4000	StCu	10	–	10	•
Valentia (Cahirciveen)	1012.7	-2	SWS	5	cd	52	97	6	800	St	10	–	10	2
Roches Point	1015.4	-4	SW	3	odd	51	97	5	450	St	10	–	10	•
Pembroke (St. Ann's H.)	1016.9	-2	SW	5	o	49	97	6	800	St	10	–	10	•
Ross-on-Wye	1018.1	-3	SW	4	o	49	97	6	2500	Nb	10	–	10	2
Leafield	1020.2	-3	SW	5	orr	43	97	5	1500	Nb	10	–	10	2
Winchester (Worthy Dn.)	1022.7	-5	S	5	odd	45	97	5	450	Nb	10	–	10	2
S. Farnborough	1022.9	-5	S	4	orr	44	97	5	450	Nb	10	–	10	2
London (Kew Obsy.)	1023.4	-5	SSW	4	cr	45	92	7	800	Nb	9	ASt	10	2
Croydon	1023.9	-5	SSW	4	cdd	45	92	6	1500	St	7	ASt	10	2
Shoeburyness	1025.0	-4	SSW	5	cr₀	40	85	7	2500	SC	3	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1025.2	-4	S	5	cr	43	85	7	2500	Nb	5	ASt	3	•
Lympne	1025.9	-3	SW	5	cr	44	92	8	1500	SC	10	–	10	2
Scilly (St. Mary's)	1022.5	-1	SWW	6	c/d	50	97	6	2500	SC	10	–	10	•
Falmouth (Pendennis)	1022.8	0	W	6	c/d	50	92	7	4000	SC	10	–	10	•
Plymouth (Cattewater)	1022.7	-2	SW	6	od	49	97	6	220	St	10	–	10	2
Portland Bill	1022.5	-3	SSW	5	odd	48	97	6	1500	Nb	10	–	10	•
Southampton (Calshot)	1024.1	-4	SSW	6	odd	45	97	6	800	Nb	10	–	10	2
Dungeness	1026.8	-3	SSW	6	cr	45	97	6	450	St	4	ASt	10	•
Guernsey (Fort George)	1027.1	-2	SW	3	cdd₀	46	97	7	800	St	8	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	Low Form	Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	992.8	-8	S	7	orr	42	97	7	4000	Nb	10	–	10	5
Stornoway	991.5	+1	WSW	6	c/PR	44	85	6	4000	CuNb	8	–	8	•
Wick	995.1	-3	SW	3	orr	45	97	8	1500	Nb	10	–	10	0
Tiree	997.1	-1	SW	7	or	47	85	6	800	Nb	10	–	10	6
Nairn	996.0	•	W	1	orr	45	92	7	800	Nb	10	–	10	•
Aberdeen	999.3	-5	S	4	o/d	43	97	6	1500	Nb	10	–	10	4
Malin Head	1000.7	-3	SW	5	cr₀	49	85	7	4000	Nb	5	ASt	9	4
Renfrew	1002.2	-2	WSW	4	oR	49	92	6	220	Nb	10	–	10	3
Edinburgh (Inchkeith)	1000.6	-4	SW	5	orr	48	92	8	800	Nb	10	–	10	•
Leuchars	1000.9	-4	SW	8	cr	49	85	5	800	Nb	9	ASt	10	•
Eskdalemuir	1004.6	-4	SW	4	orr	41	97	8	220	Nb	10	–	10	•
Tynemouth	1007.0	-2	SW	3	or₀	46	92	7	1500	Nb	10	–	10	2
Blacksod Point	1003.2	0	W	5	c	48	85	7	–	StCu	10	–	10	5
Donaghadee	1005.9	-2	WSW	4	cr	50	92	7	1500	Nb	9	–	9	3
Birr Castle	1008.2	•	SW	4	c/r	50	92	6	1500	Nb	9	–	9	•
Holyhead	1009.9	-2	SSW	6	o	48	97	5	450	St	10	–	10	4
Liverpool (Bidston)	1010.8	-2	SW	5	c	51	85	8	2500	Nb	10	–	10	•
Chester (Sealand)	1011.7	-2	SWS	4	c	53	85	8	2500	St	9	–	9	•
Harrogate	1010.1	-3	SSW	3	orr	48	92	5	2500	Nb	10	–	10	•
Spurn Head	1012.1	-4	SSW	6	orr	45	97	6	4000	Nb	10	–	10	4
Birmingham (Edgbaston)	1016.6	-2	SSW	4	or	49	92	5	1500	Nb	10	–	10	•
Cranwell	1015.5	-3	SSW	6	cd₀	48	97	6	800	Nb	8	ASt	10	•
Gorleston	1019.4	-3	SW	6	orr	43	97	6	1500	Nb	10	–	10	4
Valentia (Cahirciveen)	1011.6	0	SW	5	c	51	92	8	1500	St	10	–	10	5
Roches Point	1013.6	-3	SW	3	odd	51	97	5	450	St	10	–	10	4
Pembroke (St. Ann's H.)	1015.8	-1	SW	5	o/d	49	97	6	800	St	10	–	10	4
Ross-on-Wye	1017.0	-2	SW	4	od₀	50	92	6	300	Nb	10	–	10	•
Leafield	1017.9	-2	SSW	5	orr	47	97	5	1500	Nb	10	–	10	•
Winchester (Worthy Dn.)	1021.1	-2	SW	3	od₀	48	97	5	220	Nb	10	–	10	•
S. Farnborough	1021.1	-2	SW	3	odd₀	44	97	6	450	Nb	10	–	10	•
London (Kew Obsy.)	1021.5	-2	SWS	4	cr	47	97	6	800	Nb	9	ASt	10	•
Croydon	1021.8	-2	SSW	4	cdd₀	46	97	5	450	St	9	ASt	10	•
Shoeburyness	1021.8	-2	SSW	6	cr₀	45	92	7	1500	Nb	7	ASt	10	•
Clacton-on-Sea	1021.5	-2	SSW	4	or	43	92	7	4000	Nb	10	–	10	3
Felixstowe	1022.6	-2	S	6	orr	43	97	6	800	Nb	10	–	10	3
Lympne	1023.5	-2	SWS	6	odd	43	97	3	450	Nb	10	–	10	•
Scilly (St. Mary's)	1020.8	-1	SW	5	od₀	50	97	6	2500	St	10	–	10	5
Falmouth (Pendennis)	1021.3	-1	WSW	6	od	50	97	6	1500	St	10	–	10	3
Plymouth (Cattewater)	1021.6	-1	SW	6	odd₀	49	97	6	220	St	10	–	10	4
Portland Bill	1021.0	[illegible]	SW	6	od₀	49	92	6	1500	St	10	–	10	4
Southampton (Calshot)	1022.4	-3	SW	6	od	48	97	6	800	Nb	10	–	10	3
Dungeness	1022.8	-3	SW	6	odd₀	45	97	6	1500	Nb	10	–	10	3
Guernsey (Fort George)	1026.3	-1	SW	3	odd₀	49	97	5	450	St	10	–	10	3

LONDON OBSERVATIONS.

Station	Height above M.S.L. in feet	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility
Kew / Croydon } 24 hours ended 7h.	18	cm₀f₀	cm₀f₀	cd₀m₀c	47	47	45	1	0.1	0.0	•	•	•
Greenwich (Royal Obsy.)	244	cm₀	cd₀d₀m₀	cod₀f₀m	46	46	45	1	2	0.0	•	•	5
City (Bunhill Row)	149	cd₀	cr₀d	cdcd₀a	49	47	43	0.3	0.3	0.0	92	97	6
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Regent's Pk. (Botanic Gdns).	97	•	•	•	46 ~~49~~	45 ~~34~~	31	–/	—	0.0			
Camden Square	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Kensington Palace	110	c	oror	•	48	48	43	1	–	•	•	92	•
Hampstead Observatory	80	o	odror	•	47	47	*	1	0.1	•	(At 18h) 182	93	•
	450	•	•	•	48	44	38	1	0.3	0.0	•	94	•

Weather columns: 24 HOURS ENDED 9h.

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

24 Hrs. ended 7h. G.M.T. 5TH

South Kensington Max.	Time.	Min.	Time.
1.0	4th 3h.	<0.3	5th 3h.

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 4TH 18h. 15m. to 5TH 06h. 15m.

Stars.	Exposure. h. m.	Record h. m.	%
Polaris	12.00	NIL	
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=Sharing to-day in 13h. and 18h. reports; hoar frost in 13h. 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 & 6TH FEB., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.33 / 7.31	12.7 / 12.7	16.42 / 16.44
Greenwich	7.36 / 7.34	12.14 / 12.14	16.53 / 16.55
Wick	8.15 / 8.12	12.27 / 12.27	16.39 / 16.41
Valentia	8.18 / 8.17	12.55 / 12.55	17.32 / 17.34

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy.
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. 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, wherever 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.

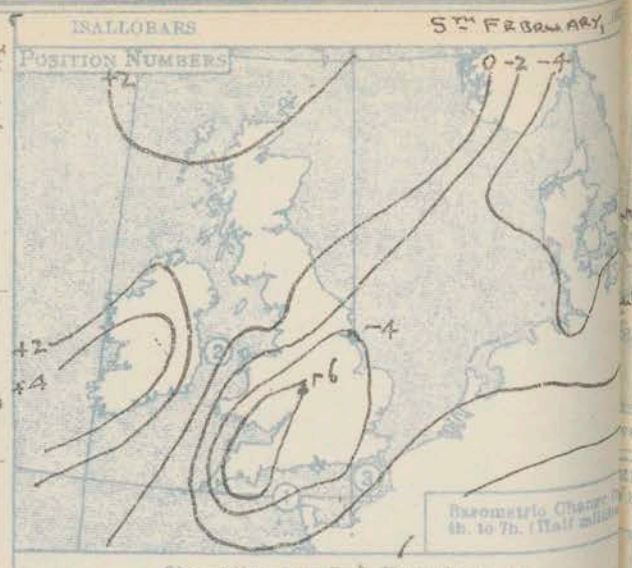
	Objects not visible at
0. Dense fog.	25 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 4th	WEATHER. 13h.-18h. 4th	WEATHER. 18h. 4th to 1h. 5th	WEATHER. 1h.-7h. 5th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 4th Hours.
Lerwick	corr	orr	orrc	coir	44	37	•	5	11.00	4	<21.00	0.0
Stornoway	rd	p	p	p	49	36	•	6	*	3	*	0.0
Wick	crrc	corr	forpr	b-bc	45	35	•	1	16.30	1	<21.00	•
Tiree	rro	prs	phbc	phbc	49	37	32	5	<8.00	4	<21.00	0.0
Nairn	occ	crro	Rcq	cqbcp	50	36	•	4	15.30	8	<21.00	0.4
Aberdeen	cimoir	orddm	cdmcbc	c	43	40	31	1	<8.00	Trace	<21.00	0.0
Malin Head	cmr	crrr	crbczc	cir	50	37	•	4	<8.00	2	<21.00	0.0
Renfrew	orrr	oRR	oRcp	cpr	50	40	37	14	<8.00	4	<21.00	0.0
Edinburgh (Inchkeith)	c	crrr	oiRc	o	51	41	38	1	14.30	4	<21.00	0.0
Leuchars	rrid	crir	cpirbc	bccpr	49	39	36	3	<8.00	1	22.00	0.0
Eskdalemuir	ormrf	orfrm	orrm	orrkuc	41	37	36	17	<8.00	27	<21.00	0.0
Tynemouth	oir	cir	oirc	bcoir	46	41	38	0.3	<8.00	4	<21.00	•
Blacksod Point ...	dd	do	o	pc	53	37	•	3	*	1	*	•
Donaghadee	crir	oir	cdr	rrc	52	40	•	1	<8.00	3	<21.00	•
Birr Castle	Rr	orrc	corr	cir	52	39	32	6	<8.00	7	<21.00	0.0
Holyhead	PDir	rrro	orrm	irKQ	49	43	42	9	<8.00	4	22.00	0.0
Liverpool (Bidston) ...	crrv	verr	corr	orir	51	42	42	4	9.00	5	22.00	0.0
Chester (Sealand) ...	reir	cirr	cir	vrKQ	53	44	43	2	<8.00	3	22.00	0.0
Harrogate	coir	corr	coir	corr	48	45	43	3	<8.00	6	<21.00	0.0
Spurn Head	orr	rd	orc	cpr	46	45	•	1	12.30	0.6	<21.00	0.0
Birmingham (Edgbaston)	pro	prro	oid	corr	49	47	47	2	<8.00	3	<21.00	0.0
Cranwell	cir	cir	crc	cid	48	47	46	0.6	9.00	Trace	<21.00	0.0
Gorleston	bxbco	orrq	orrqc	corq	43	43	42	1	13.30	1	<21.00	1.2
Valentia (Cahirciveen)	oird	oido	oir	Rocp	53	43	39	3	<8.00	7	<21.00	0.0
Roches Point	odd	odd	odcir	cPbc	52	44	•	2	<8.00	5	<21.00	•
Pembroke (St. Ann's H.)	orrm	ird	omdd	ohrm	49	46	•	3	11.00	9	<21.00	0.0
Ross-on-Wye	coco	bid	oid	orr	50	49	47	Trace	<8.00	4	<21.00	0.0
Leafield	coir	orr	orr	orq	48	47	46	2	9.00	1	<21.00	0.0
Winchester (Worthy Dn.)	cdmodd	oddrd	odrc	ordmq	48	47	45	2	<8.00	3	<21.00	0.0
S. Farnborough ...	cmrmr	orrddm	oddmc	oidm	48	47	47	0.5	9.00	0.4	<21.00	0.0
London (Kew Obsy.) ...	cmr	cmr	edmc	c	47	47	45	1	11.00	0.1	<21.00	0.0
Croydon	cm	cdqm	coddm	orrm	46	46	45	1	12.30	2	<21.00	0.0
Shoeburyness	bcc	crq	crq	cq	45	44	43	0.4	11.00	0.3	<21.00	0.8
Clacton-on-Sea ...	bcmxbc	cbdr	oro	ocpdc	43	42	41	0.5	13.30	1	<21.00	1.2
Felixstowe	cmr	odm	omro	cr	43	43	42	0.4	11.00	1	<21.00	1.3
Lympne	bcc	cdqf	odd F	orm	44	42	40	0.5	15.30	1	<21.00	2.2
Scilly (St. Mary's) ...	orcmd	oimid	oimid	comr	51	49	•	0.3	11.00	3	<21.00	0.0
Falmouth (Pendennis)	omrq	comdq	omdq	coirq	51	46	•	2	<8.00	4	<21.00	0.0
Plymouth (Cattewater)	oddmq	ddmq	odrrq	coqRm	50	48	48	2	<8.00	3	<21.00	0.0
Portland Bill	orddr	oddm	orrodm	oddz	49	47	•	1	<8.00	3	<21.00	•
Southampton (Calshot)	cddm	cddidm	oidm	oidm	49	47	46	1	9.00	2	<21.00	0.0
Dungeness	bcc	cidrd	odd	odbc	46	44	•	0.4	13.30	0.3	<21.00	•
Guernsey	crrc	cridd	oddmc	cq	49	47	•	0.3	<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
1	4th 12h	Reindeer	SWW	6	d	48	49
2	" 10h	Cambria	SW	4	c	49	47
3	5th 2h	Arundel	SW	6	c+	48	48

GENERAL INFERENCE.

The deep depression centred near Iceland is moving northeas A seconday depression over Southwest England is also moving northeast. Winds will b from between southwest and west strong to a gale locally at first in the southeast. In Scotland, Ireland and Western England there will be showers of rain or hail with some bright periods. Rain will occur at first in Southeast England, but improving conditions will soon spread in from the west.

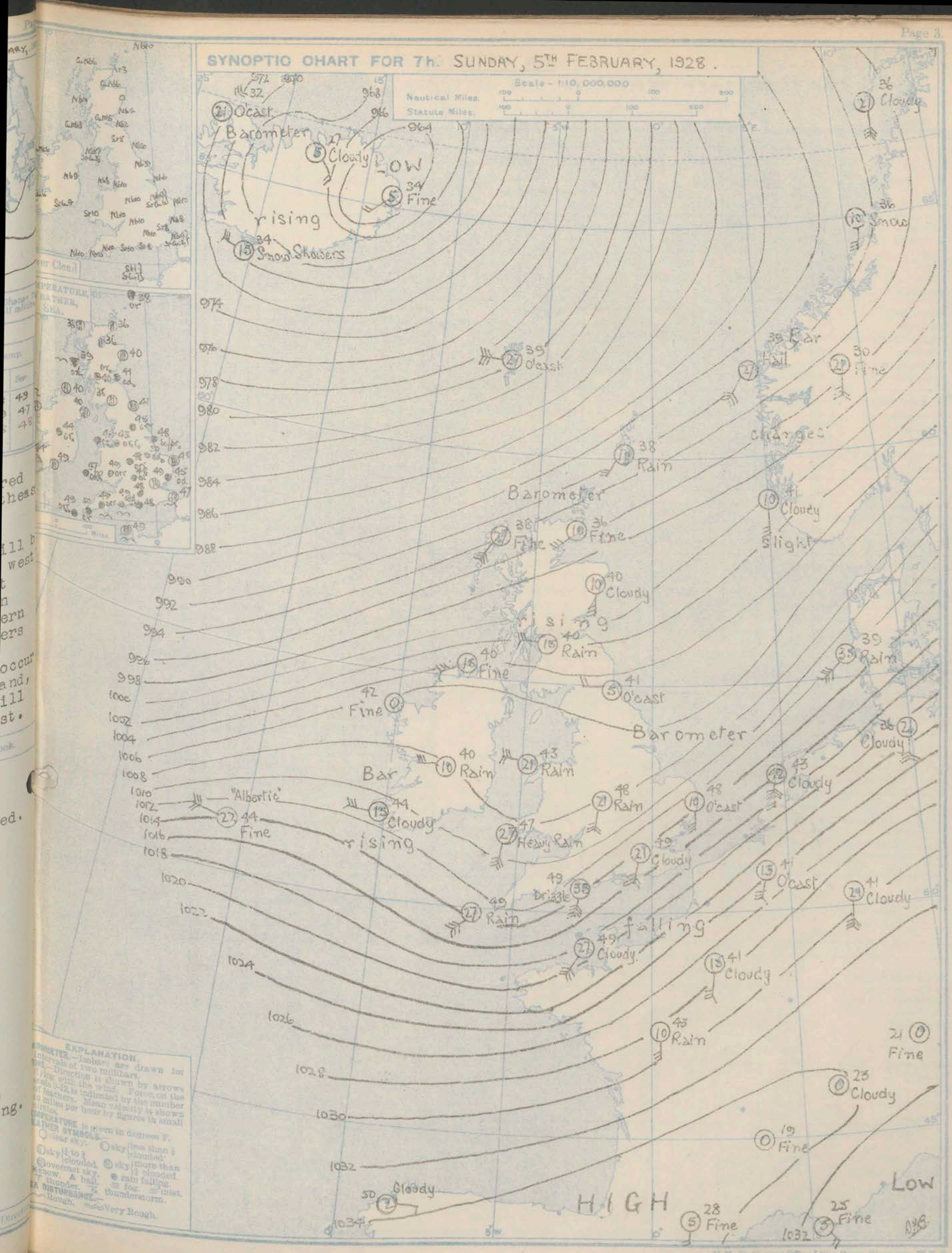
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 5th February, 1928.	Further Outlook
1. S.E. England 2. E. England 3. E. Midlands	Wind between S.W. and W., strong to a gale locally at first, moderating; rain at first, showers and bright intervals later; moderate temperature.	Unsettled.
4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 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	Winds between W. and S.W., strong at times locally; showers of rain or hail, bright periods; moderate temperature.	South Cone still flying.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1215 G.M.T. G. C. SIMPSON, F.R.S., Director.

Fs 361/1633. wt. 103 C15115. 22055. 2/28.

‡ 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. SUNDAY, 5TH FEBRUARY 1928. No. 36

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

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours††	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10
Lerwick	56	985.8	0	SW	3	sjp	41	92	7	4000	CuNb	4	ASt	8
Stornoway	30	995.4	+2	W	5	c/pR	•	•	6	•	•	•	•	10
Wick	81	995.1	-1	WSW	3	bc	38	92	8	2500	StCu	5	-	5
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	51	1001.9	0	SSW	4	c	44	85	7	4000	StCu	9	-	9
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	196	1001.7	+1	WSW	5	c	45	85	8	1500	St	8	ASt	10
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	87	1005.6	+2	SW	3	bc-	49	85	8	2500	Cu	5	-	5
Blackrod Point	18	1003.6	0	S	4	c.	46	75	7	•	-	0	ASt	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	178	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1007.6	-4	SW'S	4	ofo fo	46	97	5	450	Nb	10	-	10
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	1010.6	0	SW	5	c	48	92	8	4000	StCu	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	238	1013.8	0	SW'S	6	c	50	92	6	800	StCu	9	-	9
Gorleston	14	1016.0	-3	SSW	4	c	47	92	6	2500	Nb	10	-	10
Valentia (Cahirciveen)¶	30	1011.5	-1	SW	4	oRR	45	97	6	*	Nb	10	-	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1012.0	-3	SW	7	ofo fo	48	97	5	800	St	10	-	10
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	50	•	•	•	•	•	•	•
Croydon	244	1019.2	-2	SW	4	o	49	97	6	450	St	10	-	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1021.0	-2	SSW	6	d/d	45	97	5	800	St	10	-	10
Scilly (St. Mary's)	163	1016.9	-5	SSW	7	c ⊕	50	97	6	2500	StCu	6	CiSt	10
Falmouth (Pendennis)	200	1016.6	-5	WSW	8	c	50	97	6	2500	StCu	10	-	10
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	39	1018.7	-1	SSW	6	od.	49	97	6	1500	St	10	-	10
Southampton (Calshot)	10	1020.5	-2	SW'S	6	od.	48	97	6	800	Nb	10	-	10
Dungeness	20	1020.6	-1	SW	6	od. d.	47	97	6	800	Nb	10	-	10
Guernsey (Fort George) ¶	295	1023.8	-3	SSW	4	ofo fo	48	97	7	2500	Nb	10	-	10

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours††	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10
Lerwick	991.4	+3	SW	3	or	38	92	7	4000	Nb	10	-	10
Stornoway	994.4	+3	SW	6	bc/r	38	85	6	4000	CuNb	6	-	6
Wick	996.2	+2	WSW	3	bc	36	97	8	1500	St	3	-	3
Tiree	1000.1	+1	W	7	orhrh	39	85	8	2500	Nb	10	-	10
Nairn	998.9	•	W	2	bc/r	36	85	8	4000	CuNb	6	-	6
Aberdeen	999.5	+1	SSW	3	c-	40	75	8	-	-	0	ACu	8
Malin Head	1003.9	+2	WSW	4	bc/p	40	85	6	4000	CuNb	3	CiSt	4
Renfrew	1003.0	+1	W	4	cfo	40	75	8	1500	CuNb	9	-	9
Edinburgh (Inchkeith)	1000.4	-1	WSW	4	cdo	41	97	8	800	CuNb	9	-	9
Leuchars	1000.9	0	SW	3	c/r	39	92	8	1500	Nb	4	ASt	9
Eskdalemuir	1003.6	0	SW	3	c	38	92	7	1500	St	5	ASt	10
Tynemouth	1004.2	-1	W	2	o/p	41	97	7	1500	Nb	10	-	10
Blackrod Point	1006.3	+1	-	0	bc	42	75	7	•	CuNb	6	-	6
Donaghadee	1006.7	+1	WSW	3	c-	40	85	7	1500	Nb	8	-	8
Birr Castle	1008.0	•	W	3	cr	40	97	7	1500	Nb	9	-	9
Holyhead	1007.5	+2	W'N	5	cfofo	43	92	7	1500	Nb	8	ASt	10
Liverpool (Bidston)	1007.2	+1	WNW	3	ofofo	43	97	6	1500	Nb	10	-	10
Chester (Sealand)	1006.8	+1	NW	5	orr	44	92	7	1500	Nb	10	-	10
Harrogate	1005.2	-1	WSW	2	orr	45	97	7	2500	Nb	9	ASt	10
Spurn Head	1005.7	-4	SSW	6	c/pfo	49	92	6	4000	Nb	9	-	9
Birmingham (Edgbaston)	1008.1	-4	SSW	5	orr	48	92	6	800	Nb	10	-	10
Cranwell	1008.7	-6	S'W	6	cdo	50	92	7	1500	StCu	10	-	10
Gorleston	1012.9	-3	S'W	5	o	48	92	6	1500	Nb	10	-	10
Valentia (Cahirciveen)¶	1011.2	+4	W'S	4	c/pfo	44	75	8	1500	StCu	6	ASt	8
Roches Point	1011.0	+4	NW	2	bc	49	97	8	1500	StCu	4	-	4
Pembroke (St. Ann's H.)	1008.6	0	SW'S	6	oRR	47	97	6	800	St	10	-	10
Ross-on-Wye	1008.3	-6	SW	4	orr	49	92	6	1500	Nb	10	-	10
Leafield	1009.7	-5	S'W	6	orr	48	97	5	800	Nb	10	-	10
Winchester (Worthy Dn.)	1014.2	-4	S	6	od. d.	47	97	6	450	Nb	10	-	10
S. Farnborough	1014.4	-6	SSW	6	od.	48	97	6	450	Nb	10	-	10
London (Kew Obsy.)	1014.4	-4	SSW	5	c	49	85	7	1500	St	8	ASt	10
Croydon	1015.4	-4	SW'S	5	o	47	92	7	800	St	10	-	10
Shoeburyness	1015.8	-3	SSW	7	c	49	97	7	1500	St	10	-	10
Clacton-on-Sea	1015.7	-3	SSW	4	cd.	45	97	7	4000	Nb	8	-	8
Felixstowe	1015.4	-4	S	5	c/r	46	92	7	800	St	8	ASt	10
Lympne	1017.4	-4	SSW	6	c	45	97	7	800	St	10	-	10
Scilly (St. Mary's)	1013.7	-1	WSW	6	ofofo	49	97	6	2500	Nb	10	-	10
Falmouth (Pendennis)	1012.3	-5	SW	9	orr	50	97	6	1500	Nb	10	-	10
Plymouth (Cattewater)	1012.3	-8	SW	8	orr	49	97	6	800	Nb	10	-	10
Portland Bill	1014.0	-6	SSW	7	od. d.	49	92	6	1500	St	10	-	10
Southampton (Calshot)	1015.6	-5	SW'S	7	c	48	92	6	800	St	8	ASt	10
Dungeness	1017.1	-4	SW	6	c/d	47	97	7	2500	StCu	10	-	10
Guernsey (Fort George) ¶	1015.5	-3	SW	6	c	49	92	8	2500	StCu	8	ASt	10

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4TH FEBRUARY.

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 3RD to 4TH 9h.	Temperature. Max. 9h.-17h. 4TH	Rainfall† Night 17h.-9h. 3RD-4TH	Rainfall† Day 9h.-17h. 4TH	Sunshine. Sunrise to Sunset. 4TH
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.
Berwick-on-Tweed	c	c	32	46	-	-	0.0
Douglas (I. o. M.)	xoRR	oRR	37	48	10	5	0.0
Llandudno	cdr	rrc	37	52	trace	5	0.0
Colwyn Bay	bbcop	o	39	51	-	3	0.0
Rhyl	r	ro	36	52	0.5	2	0.0
Wallasey	rfo	orfo	37	50	0.5	4	0.0
Southport	or	ro	*37	48	0.2	6	0.0
Blackpool	or	orr	38	47	0.3	1	0.0
Ilkley	or	oro	34	49	0.3	1	0.0
Cleethorpes	od	od	32	46	-	0.5	0.0
Skegness	cbec	ror	31	44	-	2	0.0
Aberystwyth	orr	ro	40	49	1	5	0.0
Bath	ofo	cd.	31	52	trace	0.3	0.0
Cheltenham	od. d.	d. d.	35	50	0.3	0.3	0.0
Leamington Spa	d. d.	d. d.	31	51	0.5	0.2	0.3
Lowestoft	cbec	cdo	31	43	-	0.6	1.6
Felixstowe	bcem	cwd	30	43	-	trace	1.4
Harwich & Dovercourt	xbcm	ocdr	30	44	trace	trace	1.5
Southend	cbco	ocr	33	45	trace	0.2	1.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	od	dd	39	51	3	1	0.0
Bude	rdd	ddr	42	52	2	0.4	0.0
Penzance	cod	odro	39	52	5	1	0.0
Paignton	ordm	orapdm	37	51	1	1	0.0
Torquay	ormor	didod.	36	51	0.2	1	0.0
Jersey	bc	c	36	48	0.2	-	0.0
Weymouth	olbd	dd	31	49	0.6	3	0.0
Bournemouth	d	d	32	49	0.3	1	0.0
Ventnor	ou	oudf	36	46	-	trace	0.0
Portsmouth (S'thsea)	o	od	32	48	-	0.4	0.0
Bognor	bec	cofo	32	46	-	0.5	0.0
Littlehampton	cp	c	32	47	-	0.5	0.0
Worthing	cor	oir	35	46	trace	1	0.0
Brighton	cor	ro	32	45	-	2	0.5
Eastbourne‖	cofo	rr	33	47	0.1	2	0.0
Hastings‖	xmbec	cord	33	46	0.1	1	1.9
Folkestone	xbcm	odm	32	47	-	0.1	1.8
Dover	mobcd	cdd	33	46	-	0.2	0.4
Tunbridge Wells	co	od	28	45	trace	1	2.6
Ramsgate	bbc	bcc	35	46	trace	-	2.6
Margate	bcc	cd.	33	47	-	trace	1.9
Deal	cbec	do	31	46	-	trace	

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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. ⊕ 22h.-9h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24.182 Monday 6th February 1928.

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	993.3	+1	SW	4	c/p	38	97	7	4000	Nb	5	A.St	8	•
Stornoway	996.7	+2	SW	5	bc/PH	38	92	6	4000	CuNb	7	-	8	•
Wick	998.2	+7	SW	4	c	40	92	8	1500	Nb	6	Ci.St	8	•
Tiree	1003.9	+1	W	6	c/PH	39	92	8	2500	St.Cu	9	-	9	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1002.0	+2	WSW	3	b	43	88	8	-	-	0	A.Cu	1	2
Malin Head	1001.8	+4	W	6	bc/prs	37	92	7	4000	CuNb	5	A.Cu	6	•
Renfrew	1006.8	+3	W	4	c/p	40	75	8	2500	CuNb	8	-	8	2
Edinburgh (Inchkeith)	1004.5	+4	WSW	5	c	40	75	8	-	-	0	A.Cu	8	•
Leuchars	1004.5	+3	WSW	4	bc	40	85	8	4000	St.Cu	1	Ci	5	2
Eskdalemuir	1008.0	+4	NW'W	6	c/ps	35	85	7	1500	Nb	8	-	8	2
Tynemouth	1006.7	+2	W	3	bc/r	45	75	6	2500	Cu	2	A.Cu	4	•
Blacksod Point	1009.5	+2	NW	5	c	44	65	8	-	CuNb	8	-	8	•
Donaghadee	1010.5	+3	WNW	4	bc/pr	42	65	8	2500	CuNb	5	-	5	•
Birr Castle	1013.8	•	SW	3	bc-	46	65	7	2500	Cu	2	Ci	4	•
Holyhead	1011.7	+4	W'N	5	bc-	45	75	7	4000	Cu	1	Ci.St	3	2
Liverpool (Bidston)	1010.8	+2	W	5	bc/pr	43	85	7	-	-	0	Ci	3	•
Chester (Sealand)	1010.9	+4	W	5	bc/p	44	75	8	2500	CuNb	2	Ci	7	2
Harrogate	1009.6	+1	SW	3	bc	43	75	8	4000	Nb	2	A.Cu	3	•
Spurn Head	1008.4	+5	W	4	o/r	41	97	7	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	1012.0	+3	W	4	bc-	46	75	8	1500	Cu	3	-	3	2
Cranwell	1010.3	+4	WSW	4	c	43	92	6	150	St.Cu	5	A.St	10	2
Gorleston	1008.7	-3	NW	3	orr	45	92	6	1500	Nb	10	-	10	•
Valentia (Cahirciveen)	1017.1	+4	WSW	3	b	46	65	8	2500	Cu	1	-	1	2
Roches Point	1017.1	+5	NW	3	b	45	85	9	2500	Cu	1	Ci.Cu	2	•
Pembroke (St. Ann's H.)	1014.0	+3	W	4	bc-	46	75	8	2500	Cu	1	-	1	•
Ross-on-Wye	1013.2	+5	W's	4	c+	45	75	8	4000	CuNb	6	A.St	8	2
Leafield	1012.7	+2	WNW	5	bc	45	75	8	4000	St.Cu	3	-	3	2
Winchester (Worthy Dn.)	1013.6	+3	SW	4	c/r	46	85	8	800	St	4	A.St	8	2
S. Farnborough	1013.1	+2	W	4	c/r	46	92	7	800	St	7	A.St	9	2
London (Kew Obsy.)	1013.0	+3	WSW	3	c	47	92	5	1500	St.Cu	6	A.St	10	2
Croydon	1013.2	+2	SW'W	3	c/r	46	92	6	1500	St	7	A.St	10	2
Shoeburyness	1012.7	-3	WSW	4	c/r	47	97	6	1500	Nb	8	A.St	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1012.0	-2	W'S	5	c/r	46	85	7	800	Nb	8	A.St	10	2
Lympne	1013.3	-3	SW	6	c/r	46	97	5	450	St	10	-	10	2
Scilly (St. Mary's)	1017.6	+5	W'N	6	bc	49	75	8	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1017.4	+4	WNW	5	bc-	47	85	7	4000	St.Cu	6	-	6	•
Plymouth (Cattewater)	1016.6	+4	WNW	5	c/pr	47	75	8	2500	CuNb	9	-	9	2
Portland Bill	1014.3	+2	SW'W	5	bc-	49	85	8	1500	St	7	-	7	•
Southampton (Calshot)	1015.0	+4	WSW	5	c	47	92	7	1500	St.Cu	8	A.Cu	9	2
Dungeness	1012.5	-5	SW	7	or	47	97	7	800	Nb	10	-	10	•
Guernsey (Fort George)	1017.8	+3	WSW	4	c/d	47	97	7	800	St	7	A.St	9	•

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	993.1	0	SW	3	c/p	39	92	7	4000	Nb	8	-	8	•
Stornoway	997.4	+2	WSW	5	bc/PH	36	85	7	4000	CuNb	7	-	7	4
Wick	999.7	+2	W	2	oSS	33	97	3	800	St	10	-	10	0
Tiree	1004.4	+2	SW	6	bc/PH	37	85	8	2500	CuNb	7	-	7	6
Nairn	1001.4	•	W	4	c/rs	35	85	8	4000	CuNb	8	-	8	•
Aberdeen	1003.5	+3	SW	4	b+	38	75	8	-	-	0	A.Cu	2	0
Malin Head	1008.1	+1	WNW	6	bc/p	40	65	7	4000	CuNb	4	-	4	7
Renfrew	1007.8	+1	WSW	5	cr	38	85	7	1500	Nb	9	-	9	•
Edinburgh (Inchkeith)	1007.0	+2	W	5	or	39	75	8	1500	Nb	10	-	10	3
Leuchars	1006.0	+2	WSW	6	cr	38	85	7	1500	Nb	8	A.St	10	•
Eskdalemuir	1010.6	+3	SW'S	4	bc-	34	85	7	2500	St.Cu	7	-	7	•
Tynemouth	1010.3	+2	W	4	bc/r	40	75	6	800	St	3	-	3	2
Blacksod Point	1012.6	+2	WNW	7	c	45	85	7	•	CuNb	10	-	10	8
Donaghadee	1017.4	+3	W	4	bc/pr	39	75	8	2500	Nb	6	-	6	3
Birr Castle	1014.2	•	SW	3	bc/PH	38	92	7	1500	CuNb	6	-	6	•
Holyhead	1015.6	+5	W'S	3	bc/pr	42	85	6	4000	St.Cu	5	-	5	3
Liverpool (Bidston)	1015.9	+5	W	3	b-	40	85	7	2500	St.Cu	1	-	1	•
Chester (Sealand)	1016.6	+7	W'S	2	b	41	75	6	-	-	0	-	0	•
Harrogate	1013.7	+4	SW'W	3	b	38	85	8	-	-	0	-	0	•
Spurn Head	1013.2	+6	W'N	4	b	41	85	5	-	-	0	-	0	1
Birmingham (Edgbaston)	1017.2	+7	WNW	3	b	40	75	6	-	-	0	-	0	•
Cranwell	1015.4	+9	W	3	bc-	40	92	6	1500	Cu	3	A.St	4	•
Gorleston	1014.5	+5	W'S	1	bc	42	85	6	5700	St.Cu	2	A.Cu	6	0
Valentia (Cahirciveen)	1020.3	+4	W	5	c+	45	75	8	2500	St.Cu	6	A.St	8	4
Roches Point	1019.7	+3	NW	3	bc	47	75	8	2500	St.Cu	3	Ci.Cu	5	4
Pembroke (St. Ann's H.)	1019.0	+7	NW	4	b	45	75	8	1500	Cu	1	-	1	2
Ross-on-Wye	1018.3	+7	WNW	2	b	41	75	9	4000	Cu	1	-	1	•
Leafield	1017.6	+6	W	3	b-	39	75	8	4000	St.Cu	1	-	1	•
Winchester (Worthy Dn.)	1018.5	+7	W'S	4	bc+	42	85	8	2500	St.Cu	6	A.St	8	•
S. Farnborough	1017.9	+7	W	2	bc	42	85	8	2500	St.Cu	2	A.Cu	3	•
London (Kew Obsy.)	1017.8	+5	W'S	3	b	44	75	5	4000	St.Cu	1	-	1	•
Croydon	1017.6	+6	W	2	b-	43	85	6	4000	St.Cu	1	A.Cu	2	•
Shoeburyness	1016.9	+4	W	1	bc-	43	92	7	4000	St.Cu	4	-	4	•
Clacton-on-Sea	1015.8	+4	W	3	bc	43	92	7	4000	St.Cu	7	-	7	•
Felixstowe	1016.1	+5	-	0	c	43	85	8	2500	St.Cu	8	-	8	0
Lympne	1016.4	+4	WSW	3	bc-	43	92	8	2500	St.Cu	7	-	7	•
Scilly (St. Mary's)	1022.5	+4	W'N	6	bc	45	85	7	4000	Cu	5	-	5	5
Falmouth (Pendennis)	1022.5	+7	NW'N	4	bc-	45	65	8	4000	Cu	3	-	3	2
Plymouth (Cattewater)	1021.8	+6	WNW	5	b	45	75	8	4000	Cu	1	-	1	4
Portland Bill	1018.9	+6	W	5	b-	46	75	8	2500	Cu	2	-	2	6
Southampton (Calshot)	1019.1	+7	WNW	3	b	43	85	8	2500	St.Cu	1	-	1	0
Dungeness	1015.7	+4	W	3	bc d	45	97	8	800	CuNb	7	-	7	3
Guernsey (Fort George)	1022.1	+7	WNW	5	bc-	46	75	8	2500	Cu	4	-	4	4

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility.
Kew (24 hours ended 7h.)	18	cqdr	cb	bwx	49	35	27	3	0.1	0.6	•	•	5
Croydon (24 hours ended 7h.)	244	orrR	cmbc	bmx	49	35	31	5	-	1.2	•	•	6
Greenwich (Royal Obsy.)	149	cdr	crcbm	bxm	50	34	28	4	Tr.	0.7	70	83	3
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	49	34	26	3	•	0.5	82	98	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	0.5	•	•	•
Camden Square	110	or	orcb	•	48	37	29	3	-	•	•	87	•
Kensington Palace	80	orr	orbc	•	49	36	-	3	-	•	(At 8h) 76	90	•
Hampstead Observatory	450	•	•	•	48	31	22	7	0.3	1.1	•	88	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0.6	5h 21m	<0.3	6h 3m

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 5th 18h 16m. to 6th 6h 16m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12·0	11·30	96
δ Ursae Minoris	12·0	11·25	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 11h. 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 February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.31 / 7.29	12.7 / 12.7	16.44 / 16.46
Greenwich	7.34 / 7.33	12.14 / 12.14	16.55 / 16.56
Wick	8.12 / 8.10	12.27 / 12.27	16.41 / 16.44
Valentia	8.17 / 8.15	12.55 / 12.55	17.34 / 17.36

BEAUFORT NOTATION OF WEATHER.

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

SYMBOLS.

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

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

A "solidus" divides actual existing weather from preceding conditions, thus:—b/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.

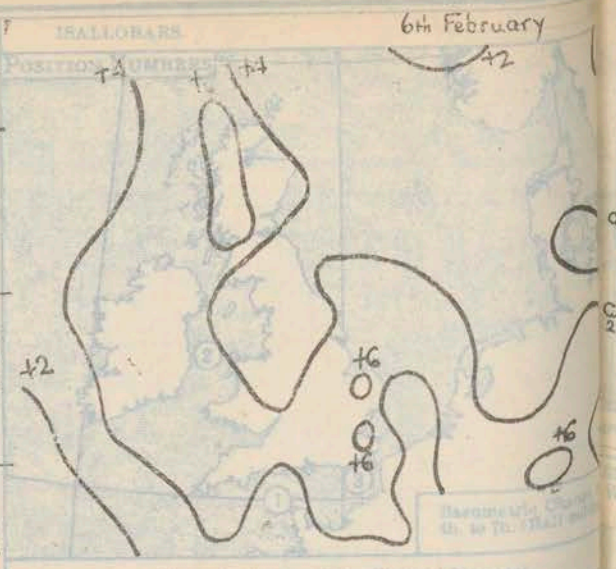
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m.	

† 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.-18h. 5th	Weather. 18h.-18h. 5th	Weather. 18h. 5th to 18h. 6th	Weather. 18h.-7h. 6th	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 5th Hours.
Lerwick	coir	coir	colCHRir	cipr.	43	34	.	1	<8.00	7	<21.00	1·1
Stornoway	phkqhr	bcph	s-rs	pcphq	40	33	.	3	*	4	*	0·5
Wick	c	sSS	SS ps	cpsbc	41	32	.	1	16.30	1	<21.00	.
Tiree	pHq	pHq	phbc	phbcq	42	35	32	3	<8.00	3	<21.00	1·1
Nairn	bcjpq	bcqrs	cqs	csp	40	32	.	1	16.30	3	<21.00	2·8
Aberdeen	bcbby	by bp	bcpr.b	bc	43	34	31	–	–	0·2	<21.00	5·4
Malin Head	bcprs.	bcbrs.	bcPHrs	bcPHr	43	34	.	1	9.00	4	<21.00	1·6
Renfrew	cp.	cPHorr	crbcspr	bccprq	42	33	32	2	<8.00	6	<21.00	2·6
Edinburgh (Inchkeith)	p	p	qPRS	qPRS	42	33	32	0·4	<8.00	5	<21.00	3·0
Leuchars	cpbc	bbccr.	cr.bc	bcbcprs	42	33	29	0·2	<8.00	0·4	<21.00	4·5
Eskdalemuir	cpbpsq	cbsqbc	bcpr.	cosm.	41	32	32	1	9.00	6	<21.00	3·9
Tynemouth	oir.bc	bcpfh	bc	bcq	46	38	31	0·5	<8.00	–	–	.
Blacksod Point	phRc	phqo	pqc	pqcq	48	37	.	2	*	2	*	.
Donaghadee	bcpr	bcpr	pr.bc	bcqx	45	34	.	0·1	12.30	Trace	<21.00	.
Birr Castle	bcpr.	bcpR	bcpr.	bcpr.	46	34	28	3	<8.00	2	<21.00	5·2
Holyhead	r.rcbc	bcKQ	crqphrbc	bc	46	41	38	0·1	<8.00	0·5	<21.00	5·4
Liverpool (Bidston)	orrc	bbcb	cp.bq	bbccq	50 43	38	33	4	<8.00	0.4	<21.00	3·9
Chester (Sealand)	rrprh	bcb	b.cpb	bbc	46	37	31	4	<8.00	1	<21.00	3·5
Harrogate	crrcb	b	bbc	bbcp	45	36	32	1	<8.00	1	3.30	4·2
Spurn Head	oqRr	cbcb	b.bc	bx	49	36	.	6	<8.00	–	–	1·2
Birmingham (Edgbaston)	orRbc	bcprhb	b	bx	48	35	32	9	<8.00	–	–	2·4
Cranwell	orrc	cbc	bcb	b-bc	50	34	31	7	<8.00	–	–	1·3
Gorleston	odrrq	or.cbc	bcb	bx	48	34	31	4	9.00	–	–	0·0
Valentia (Cahirciveen)	ophb	bobhc	cph.b	cph.b	47	42	38	2	<8.00	1	<21.00	6·5
Roches Point	bcpbr	bcpbc	bw	b	49	37	.	1	9.00	Trace	–	.
Pembroke (St. Ann's H.)	crrbc	b	bcph	bc	48	42	.	4	<8.00	1	22.00	5.4
Ross-on-Wye	rRbcc	cbbcvb	bbc.b	b	50	36	26	6	<8.00	–	–	4·0
Leafield	cbc	bcb	b	bx	48	31	25	4	<8.00	–	–	3·3
Winchester (Worthy Dn.)	cRmc	cbc	bccb	b	49	34	29	8	<8.00	–	–	0·8
S Farnborough	orRm	cbcpb	bcbwx	bwx	50	31	26	6	<8.00	Trace	–	1·2
London (Kew Obsy.)	cqdr	cp	bwx	bxw	49	35	27	3	9.00	0·1	–	0·6
Croydon	omrrR	cmbc	bm.	bx	49	35	31	5	<8.00	–	–	1·2
Shoeburyness	cqrr	crcbc	bcb	bmx	49	34	31	3	11.00	–	–	0·2
Clacton-on-Sea	cqgr	orbc	bc	bebx	46	34	30	3	9.00	–	–	0·9
Felixstowe	odcr	rcbcc	cprbc	bx	46	35	30	3	9.00	Trace	<21.00	0·4
Lympne	cdrrm	cr.rc	bcb	bx	47	30	24	2	<8.00	–	–	0·0
Scilly (St. Mary's)	orcbc	bc.	bcp.	bcp.	49	43	.	4	<8.00	1	24.00	4·9
Falmouth (Pendennis)	orqbcq	bcq	bcp.q	bcprq	51	40	.	5	<8.00	1	<21.00	5·1
Plymouth (Cattewater)	cqrrpr	cqby	bbc	bbcwpr	51	41	39	2	<8.00	0·1	5.30	4·3
Portland Bill	odqrr	cqbbcq	bbcb	bcb	50	43	.	4	<8.00	–	–	.
Southampton (Calshot)	omddrc	cbrbcb	b	b	49	35	30	3	9.00	–	–	0·9
Dungeness	orrqn	crcid	dcbcb	bbc	48	34	.	1	<8.00	Trace	<21.00	.
Guernsey	cqdddm	cbcq	bcq	bcbv	49	44	.	8	<8.00	–	–	0·6



Pressure is low to the north and high to the south of the British Isles. Winds will be westerly, strong at times, but tending to moderate generally. Apart from local wintry showers in the north, weather will be mainly fine and bright with frost at night.

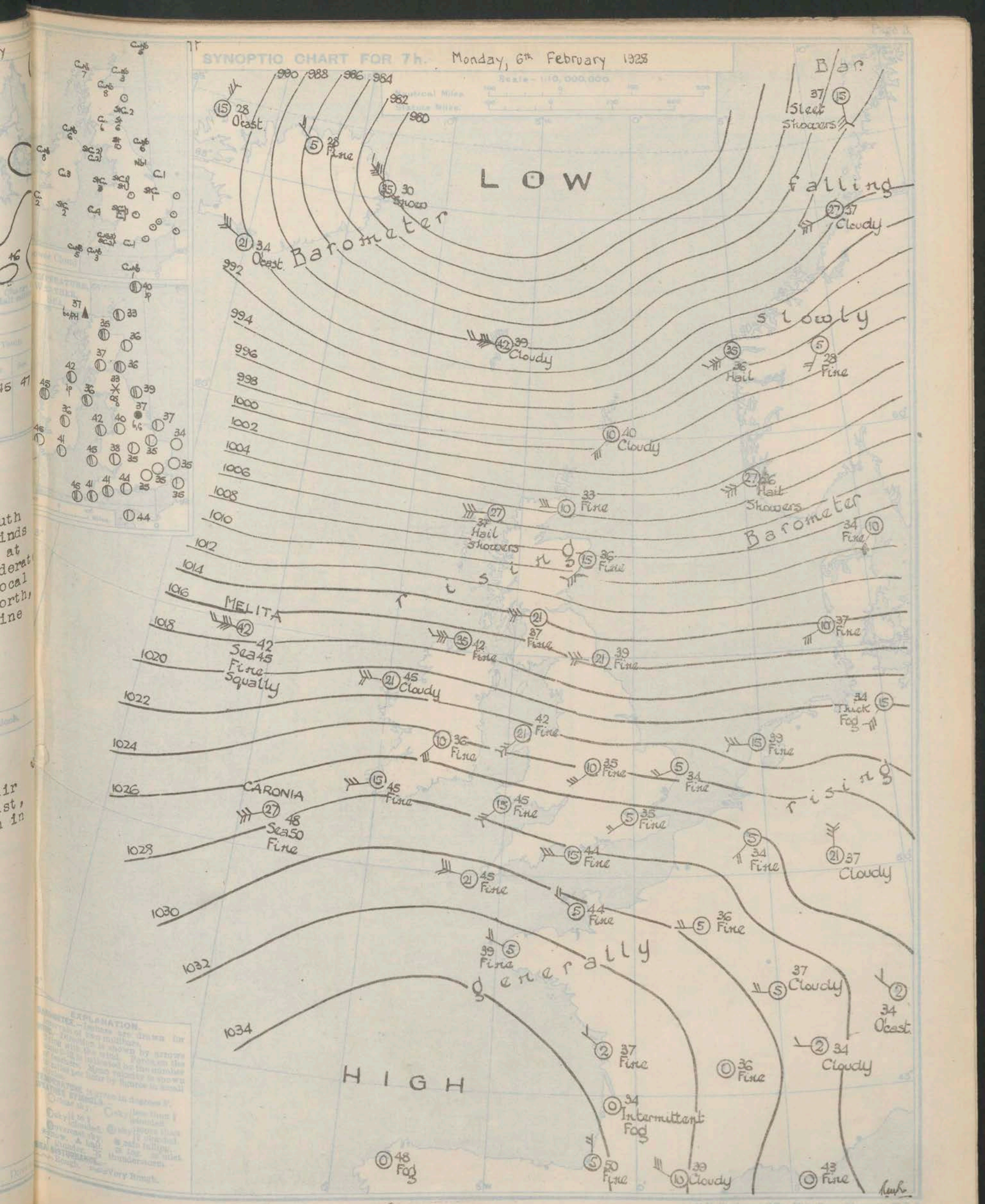
Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Monday, 6th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Westerly winds, moderate to light; mainly fine and bright, moderate day temperature, frost at night, some mist or local fog patches inland night and morning.	Mainly fair in the East, uncertain in the West.
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	Westerly winds, fresh to strong, moderating; mainly fine and bright, but scattered wintry showers; rather cold, frost at night.	
19. S.E. Ireland 20. S.W. Ireland	As 1 - 6.	

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

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

† For code see page 4.

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


SYNOPTIC CHART FOR 7h. Monday, 6th February 1928
LOW
HIGH
Barometer falling slowly
Barometer rising generally
990
988
986
984
982
980
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
MELITA
CARONIA
Bar.
Sleet Showers
Cloudy
Hail
Fine
Hail Showers
Intermittent Fog
Thick Fog
Squally
Fog

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Monday, 6th February 1928. No. 37.

Stations.	Height above M.S.L. in feet.	6h. Barom. at M.S.L. mb.	6h. Change in 3 Hours.	6h. Wind. Direc.	6h. Wind. Force 0-12	6h. Weather.	6h. Temp. °F.	6h. Humidity. %	6h. Visibility. 0-9	6h. Cloud. Low. Height Feet	6h. Cloud. Low. Form	6h. Cloud. Low. Amt. 0-10	6h. Cloud. Upper Form.	6h. Cloud. Total Amt. 0-10	6h. Sea. 0-9	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours.	7h. Wind. Direc.	7h. Wind. Force 0-12	7h. Weather.	7h. Temp. °F.	7h. Humidity. %	7h. Visibility. 0-9	7h. Cloud. Low. Height Feet	7h. Cloud. Low. Form	7h. Cloud. Low. Amt. 0-10	7h. Cloud. Upper Form.	7h. Cloud. Total Amt. 0-10	7h. Sea. 0-9
Lerwick	54	9935	0	SW	3	or	37	97	7	4000	Nb	10	-	10	3	9966	+3	SW	3	c/p	40	92	7	4000	CuNb	5	ASt	8	3
Stornoway	30	1002.3	+3	NW	4	c/PS	•	•	6	•	•	•	•	10	5	1005.3	+7	W	6	bc/hh	37	85	6	4000	CuNb	7	-	7	0
Wick	81	1000.9	+1	W	3	c/PS	40	92	8	1500	CuNb	6	CiSt	8	5	1003.5	+2	W	3	bc	33	97	8	1500	CuNb	3	CiSt	5	7
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.9	+4	W	6	bc/hh	41	85	8	4000	Nb	4	-	4	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.6	•	WNW	2	c/s	33	85	8	4000	CuNb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.0	+5	SWW	4	b	36	75	8	-	-	0	ACu	2	0
Malin Head	51	1012.4	+4	W	8/7	bc/PH	38	92	7	4000	CuNb	6	-	6	7	1016.3	+5	W	7	bc/p	42	75	7	4000	CuNb	6	-	6	7
Renfrew	56	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.7	+6	W	5	bc/r	37	85	7	1500	Cu	6	-	6	•
Edinburgh (Inchkeith)	190	1008.5	+3	W	5	bc	36	85	8	4000	Cu	7	-	7	2	1012.3	+3	WSW	4	c	36	85	8	800	St	6	ACu	9	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.5	+4	WSW	5	bc	34	92	8	4000	StCu	2	Ci	4	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.7	+3	SW	4	ps.	33	92	5	460	St	10	-	10	•
Tynemouth	67	1013.4	+2	WSW	3	bc	38	75	7	1500	Cu	3	-	3	2	1015.9	+4	W	5	bc+	39	85	7	1500	CuNb	6	-	6	2
Blacksod Point	18	1018.7	+2	WNW	5	bc	44	65	7	•	CuNb	7	-	7	6	1021.6	(+4)	W	5	c	45	65	7	•	CuNb	8	-	8	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	3	1020.2	+3	W	4	bc+	36	85	8	4000	Cu	4	-	4	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.4	•	SW	3	bc-	36	97	7	2500	Cu	3	-	3	•
Holyhead	26	1020.2	+6	W'S	5	bc	41	75	8	2500	Cu	1	CiSt	5	4	1023.0	+3	WSW	5	bc	42	85	7	2500	StCu	3	-	3	•
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.8	+3	W'S	6	b-	40	75	7	4000	St	2	-	2	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	+3	SWW	4	b	39	75	8	4000	StCu	2	-	2	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.0	+2	SW	5	br.	37	92	7	2500	Nb	1	ACu	2	3
Spurn Head	29	1016.6	+5	WSW	5	b	38	92	6	-	-	0	-	0	•	1020.7	+4	WSW	5	b	37	85	7	2500	Cu	1	-	1	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.6	+3	WSW	3	b	35	85	7	-	-	0	Ci	1	•
Cranwell	228	1019.6	+5	WSW	4	b-	36	92	7	-	-	0	-	0	•	1023.3	+4	WSW	3	b	35	85	7	4000	StCu	1	-	1	0
Gorleston	14	1019.8	+4	WSW	2	b	35	92	7	-	-	0	-	0	•	1022.9	+3	W'S	2	b	34	92	7	-	-	0	-	0	•
Valentia (Cahirciveen) ‡	30	1024.5	+4	W	5	bc	45	92	8	-	Cu	5	-	5	4	1028.2	+2	W'S	4	b	45	75	8	2500	Cu	2	-	2	1
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.8	+4	NW	2	b	41	92	8	2500	StCu	2	-	2	3
Pembroke (St. Ann's H.)	160	1023.2	+4	WNW	4	bc	44	85	8	1500	Cu	4	-	4	4	1027.0	+4	SWW	4	bc	46	85	8	1500	Cu	4	-	4	•
Ross-on-Wye	229	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.6	+3	W	2	b	38	75	8	4000	Cu	1	-	1	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.0	+4	SSW	4	b	34	85	8	-	-	0	-	0	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.7	+4	SW	2	b	34	92	7	-	-	0	-	0	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.2	+4	W	3	b	36	85	7	-	-	0	-	0	•
London (Kew Obsy.)	18	•	•	•	•	36	•	•	•	•	•	•	•	•	•	1027.4	+4	WSW	2	b	35	92	6	-	-	0	-	0	•
Croydon	244	1023.0	+4	WSW	3	b	37	92	7	-	-	0	aCu	1	•	1026.8	+5	W'S	2	b	35	85	7	-	-	0	-	0	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.2	+6	W'S	3	b	36	97	5	-	-	0	-	0	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.8	+5	WNW	3	b	35	92	7	-	-	0	-	0	0
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.4	+3	WSW	2	b	36	92	6	-	-	0	ACu	1	•
Lympne	360	1022.1	+5	W'N	4	b	36	92	7	-	-	0	-	0	•	1026.6	+5	W'N	3	b	32	92	7	-	-	0	-	0	•
Scilly (St. Mary's)	163	1027.8	+4	W'N	5	bc	44	85	8	4000	CuNb	5	-	5	4	1030.4	+3	WNW	6	bc	45	75	7	4000	CuNb	5	-	5	1
Falmouth (Pendennis)	200	1026.6	+4	WNW	4	bc+	42	85	8	4000	CuNb	4	-	4	3	1030.4	+4	WNW	3	bc-	41	86	8	4000	CuNb	3	-	3	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.8	+5	WNW	3	bc	41	92	8	4000	CuNb	5	-	5	3
Portland Bill	32	1024.5	+3	W	5	bc+	45	75	8	2500	SiCu	3	Cu	4	0	1027.5	+3	W	4	b	44	75	8	2500	Cu	1	CiSt	1	0
Southampton (Calshot)	10	1024.2	+4	WSW	4	b+	38	85	8	-	-	0	aCu	1	0	1028.2	+5	W'N	3	b	35	85	8	-	-	0	-	0	0
Dungeness	20	1023.9	+5	WNW	1	b-	35	97	7	-	-	0	-	0	2	1026.5	+4	WNW	1	b+	35	97	8	-	-	0	CiCu	2	0
Guernsey (Fort George) ‡	295	1027.0	+4	W	1	bc+	44	85	7	2500	SiCu	4	-	4	2	1030.0	+3	NWW	2	b	44	85	8	2500	CuNb	1	ACu	2	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 4th to 9h. 5th °F.	Temperature. Max. 9h.-17h. 5th °F.	Rainfall.† Night 17h.-9h. 4th-5th mm.	Rainfall.† Day 9h.-17h. 5th mm.	Sunshine. Sunrise to Sunset. 5th hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	cbc	bc	38	41	-	-	4.7
Douglas (I. o. M.)	c	b	38	44	7	-	5.7
Llandudno	cb	bcb	42	46	15	-	4.0
Colwyn Bay	orro	ocb	42	45	9	-	3.3
Rhyl	cbc	bbc	42	52	7	-	4.1
Wallasey	ocbc	bcb	41	44	12	-	3.8
Southport	robc	bcb	*41	45	16	0.1	3.4
Blackpool	ror	cbc	40	45	8	-	3.9
Ilkley	or	bcb	37	45	10	0.4	2.7
Cleethorpes	mo	cb	36	45	7	-	1.6
Skegness	oro	obcb	47	49	2	5	0.6
Aberystwyth	ffcbc	bc	42	45	12	-	5.1
Bath	rcbc	bcbcb	42	50	4	3	2.3
Cheltenham	orrf	cbc	45	50	5	2	3.4
Leamington Spa	orcb	orb	41	48	11	1	2.5
Lowestoft	ccrc	cbc	34	47	1	4	0.0
Felixstowe	crc	crbc	36	47	1	3	0.5
Harwich & Dovercourt	ocr	bcm	42	47	2	4	0.5
Southend	or	ocbcc	36	47	0.3	2	0.2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	cor	ocb	45	47	10	1	2.8
Bude	bccb	bc	43	52	Trace	1	3.4
Penzance	curb	bpr	46	50	9	1	5.0
Paignton	orgRb	bcb	45	50	5	0.5	3.3
Torquay	odbcc	rpbcb	46	51	5	0.5	3.8
Jersey	cr	rbc	44	50	Trace	7	0.2
Weymouth	rpdbc	cb	46	51	5	1	1.9
Bournemouth	r	bcobc	44	50	6	2	1.7
Ventnor	orfr	fbcb	44	47	1	2	1.3
Portsmouth (S'thsea)	orobc	bc	44	49	2	3	0.7
Bognor	rrfr	bc	44	48	1	3	0.0
Littlehampton	?	?	44	48	1	3	0.2
Worthing	or	orc	44	48	1	5	0.0
Brighton	oro	ocbc	42	48	4	2	0.0
Eastbourne	orr	oro	47	48	0.4	5	0.0
Hastings‖	orrr	co	45	48	1	3	0.0
Folkestone	orr	rorc	40	48	1	2	0.0
Dover	oidr	oc	39	49	2	6	0.0
Tunbridge Wells	or	oroc	38	48	3	0.5	0.2
Ramsgate	cod	dc	39	49	3	3	0.0
Margate	cr	c	40	50	1	4	0.0
Deal	oor	do	37	50	2		

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

* Information not usually received. ‡ 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.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24183 Tuesday, 7th February 1928. Page 1.

Observations at 18h. G.M.T. 6th / Observations at 7h. G.M.T. 7th

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.	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	1001.2	+5	SW	3	cjp	44	85	8	4000	CuNb	5	ASt	3	•	1004.8	+4	SW	3	cr	41	97	7	4000	Nb	7	ASt	10	•
Stornoway	1011.1	+4	W	3	bc|pR	38	97	7	4000	CuNb	7	–	7	•	1007.5	-5	WSW	4	o|pR	43	97	7	2500	Nb	10	–	10	3
Wick	1010.0	+7	SW	3	bc	37	92	8	1500	CuNb	4	CiSt	6	•	1011.6	0	SW	3	c	38	92	8	2500	StCu	4	ASt	10	3
Tiree	1017.1	+6	WSW	6	bc	45	85	8	2500	StCu	6	–	6	1	1015.8	-1	SW	6	c	46	85	8	1500	StCu	9	–	9	6
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.1	•	WSW	1	c	39	85	7	1500	St	8	–	8	•
Aberdeen	1015.1	+4	WSW	4	bc⊕	41	65	8	–	–	0	ACu	6	2	1016.2	+1	SSW	2	b-	40	75	6	–	–	0	ACu	2	0
Malin Head	1020.2	+3	WSW	6	bc	46	75	6	4000	Cu	2	CiCu	6	•	1018.0	-2	SW	6	bc+	45	85	7	5700	StCu	7	–	7	6
Renfrew	1019.3	+5	W	5	cjp	43	75	8	2500	Cu	8	–	8	2	1020.0	0	WSW	6	c|r	44	85	7	1500	StCu	7	ASt	8	•
Edinburgh (Inchkeith)	1017.0	+4	WSW	3	c-	39	85	8	1500	Cu	8	–	8	•	1018.0	-1	WSW	5	cf	42	85	8	800	Cu	9	–	9	3
Leuchars	1017.2	+4	SW	5	c+	41	75	8	4000	StCu	3	CiSt	8	2	1018.3	+1	SW	5	bc	41	85	8	2500	StCu	3	CiSt	4	•
Eskdalemuir	1020.6	+4	WSW	5	bc-	37	85	7	1500	St	3	–	3	7	1022.5	+1	SW'W	6	bc	39	75	7	1500	St	7	–	7	•
Tynemouth	1021.8	+5	W	5	bc-	44	75	7	1500	Cu	4	–	4	•	1023.0	+2	W	4	c+	42	85	7	1500	Nb	8	–	8	2
Blacksod Point	1023.1	+1	W	5	bc	48	75	8	–	CuNb	7	–	7	•	1021.7	-3	SW	5	od	48	85	6	•	Nb	10	–	10	6
Donaghadee	1023.5	+4	W	4	bc	45	75	7	4000	Cu	4	ACu	6	•	1023.2	0	W	4	bc°	44	75	7	4000	Cu	7	–	7	3
Birr Castle	1027.4	•	SW	4	c+	46	75	7	4000	Nb	8	–	8	•	1027.4	•	S	4	c	44	75	7	1500	Cu	8	–	8	•
Holyhead	1027.4	+2	WSW	6	bc	45	85	7	4000	StCu	3	ACu	4	1	1028.4	+1	SW'S	4	c	44	85	6	4000	StCu	5	ASt	9	2
Liverpool (Bidston)	1026.3	+2	W	6	b	44	65	7	2500	St	<	Ci	1	•	1028.6	+3	WSW	4	bc+	42	65	7	2500	Nb	–	–	5	•
Chester (Sealand)	1026.2	+2	WSW	4	b	48	55	7	4000	StCu	2	Ci	2	2	1028.6	+2	SW	3	b	42	75	6	4000	StCu	1	Ci	2	•
Harrogate	1024.9	+3	SW'W	3	c+	40	85	8	2500	CuNb	9	–	9	•	1027.6	+4	SW'W	3	c	40	85	7	2500	Nb	8	Ci	9	•
Spurn Head	1024.1	+2	W	6	b	43	85	6	–	–	0	CiCu	1	•	1027.4	+6	WSW	4	c	42	85	6	4000	Nb	9	–	9	1
Birmingham (Edgbaston)	1028.1	+3	WSW	4	bc	46	55	8	4000	Cu	3	–	3	2	1031.8	+3	WSW	3	c|d	41	65	8	–	–	0	Ci	3	•
Cranwell	1026.8	+2	W'S	4	c	44	75	8	2500	Cu	8	–	8	1	1029.2	+2	WSW	4	c-	41	85	7	4000	StCu	3	CiSt	8	•
Gorleston	1025.9	+2	W	4	b+	45	75	7	–	–	0	CiCu	1	•	1029.1	+4	W'S	3	b	40	85	6	–	–	0	ASt	2	0
Valentia (Cahirciveen)	1030.3	+1	SW	4	bc	48	65	8	2500	StCu	3	ACu	7	2	1029.7	0	SW'S	4	bc	48	75	8	2500	St	5	ACu	6	5
Roches Point	1030.8	+4	WNW	3	bc	47	85	8	1500	Cu	3	CiCu	5	•	1030.8	+1	WNW	2	b	46	97	8	2500	StCu	2	–	3	1
Pembroke (St. Ann's H.)	1030.3	+2	SW'W	4	b-	46	92	8	2500	Cu	2	–	2	•	1031.8	+2	SW'W	4	bc+	46	97	8	2500	Cu	2	CiCu	4	0
Ross-on-Wye	1025.1	+3	W	3	bc	48	55	8	450	Cu	5	–	5	2	1031.8	+2	WSW	2	b	41	75	8	–	–	0	Ci	2	•
Leafield	{1029.5}	+4	{W}	4	b	43	75	8	4000	Cu	1	–	1	2	1032.2	+2	SSW	2	b	38	85	7	5700	StCu	1	Ci	2	•
Winchester (Worthy Dn.)	1030.6	+3	W'S	4	bc	47	65	8	1500	Cu	4	–	4	2	1032.9	+3	WSW	2	b	39	85	7	2500	StCu	2	–	2	•
S. Farnborough	[illegible]	+2	W	4	bc+	47	65	7	2500	Cu	5	–	5	2	1032.8	+4	W	–	b-	37	85	8	–	–	0	Ci	1	•
London (Kew Obsy.)	[illegible]	+3	W	3	b	45	65	7	2500	Cu	1	–	1	2	1032.8	+3	WSW	2	bc-	43	75	6	–	–	0	ACu	7	•
Croydon	1030.2	+3	W	3	bc+	46	65	7	4000	Cu	3	–	3	2	1032.6	+3	WSW	3	c	41	85	6	–	–	0	ACu	8	•
Shoeburyness	1029.5	0	W'N	4	b	45	75	5	–	–	0	–	0	•	1032.3	+2	W'N	2	bc+	42	85	5	4000	StCu	7	–	7	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1031.3	+3	WNW	3	bc	42	75	7	5700	StCu	7	–	7	1
Felixstowe	1023.5	+2	WSW	4	bc+	45	65	7	–	–	0	CiCu	4	1	1031.5	+4	WSW	3	b-	42	75	7	–	–	0	ACu	1	0
Lympne	1029.8	+2	W	4	b	45	65	7	–	–	0	Ci	1	2	1032.6	+4	WSW	3	c+	41	97	6	4000	StCu	8	–	8	•
Scilly (St. Mary's)	1033.8	+1	W'N	4	b	51	65	8	4000	Cu	2	–	2	•	1035.5	+2	W'S	3	bc|pr	46	92	8	4000	Cu	3	–	3	2
Falmouth (Pendennis)	[illegible]	+1	[illegible]	4	bc	49	55	3	4000	Cu	3	–	3	•	1035.5	+2	W'N	3	bc	44	85	8	4000	Cu	3	Ci	4	0
Plymouth (Cattewater)	[illegible]	+2	W	4	bc|pr	45	65	8	4000	CuNb	6	–	6	2	1035.0	+3	W	4	b-	45	85	7	4000	Cu	<1	Ci	1	1
Portland Bill	1031.5	+3	WSW	4	bc	47	75	8	2500	StCu	3	–	3	•	1033.5	+3	W	3	b-	46	75	8	2500	StCu	2	–	2	2
Southampton (Calshot)	1031.6	+3	WNW	4	bc+	47	65	8	2500	Cu	5	–	5	2	1033.8	+3	W	2	b-	43	75	8	4000	Cu	1	Ci	2	0
Dungeness	1030.5	+4	WNW	3	b	47	75	8	–	–	0	–	0	•	1033.6	+4	WSW	2	c+	43	85	8	5700	StCu	6	ACu	8	2
Guernsey (Fort George)	1034.2	+3	NW	3	b-	47	65	8	2500	Cu	2	–	2	•	1036.3	+3	W	2	bc+	44	85	8	2500	Cu	4	–	4	1

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London Observations.	Height above M.S.L. in feet.	Weather Morning	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset hrs.	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
		24 Hours ended 9h.											
Kew / Croydon — 24 hours ended 7h.	18	bxb	bcm.	bc"cvl	47	37	32	Tr.	Tr.	7.1	•	•	5
Greenwich (Royal Obsy.)	244	bxm.	bcbcz	cbcz.	47	39	34	–	–	7.2	•	•	7
City (Bunhill Row)	149	bmz	bbcc	[illegible]	47	38	30	–	–	6.2	64	74	5
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	4.2	•	•	•
Regent's Pk. (Botanic Gdns).	27	•	•	•	48	39	31	–	–	5.6	65	75	•
Camden Square	183	•	•	•	•	•	•	•	•	4.6	•	•	•
Kensington Palace	110	xb	bc.	•	?	?	32	–	–	•	•	82	•
Hampstead Observatory	80	bx	bcc	•	48	38	–	–	–	•	{At 18h 68}	75	•
	450	•	•	•	45	34	25	–	Tr.	6.2	•	79	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.0	6th 18h	<0.3	7th 5h.

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 6th 18 h 15 m. to 7th 6 h 15 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	12.0	10.52	74
δ Ursae Minoris	12.0	10.21	70

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 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 February, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Thurso	7.24 / 7.23	12.7 / 12.7	16.46 / 16.48
Greenwich	7.33 / 7.31	12.14 / 12.14	16.56 / 17.08
Wick	8.10 / 8.8	12.27 / 12.27	16.44 / 16.46
Valentia	8.15 / 8.13	12.55 / 12.55	17.36 / 17.38

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog. " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
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, wherever possible, the general character of the weather.
"/ solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

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

SEA DISTURBANCE.
0=no swell, 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 miles.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h. 13h.	13h.-18h.	18h. to 18h.	18h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS.	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN Hours.
Lerwick	[illegible]	[illegible]	oir	oirelq	45	39	•	1	<8.00	8	<21.00	1·8
Stornoway	[illegible]	[illegible]	rd	orrbc	43	42	•	6	*	12	*	0·0
Wick	pcbc	c	rrpr.	crrc	39	38	•	2	9.00	7	22.00	•
Tiree	[illegible]	bcbc	prcq	qr.o	46	44	42	2	<8.00	6	<21.00	0·0
Nairn	bcqp	bcprcc	qpr	cd	39	39	•	0·2	14.30	9	<21.00	0·7
Aberdeen	bbc	bcm.	bcc	qr.	43	39	33	—	—	0·3	6·30	2·5
Malin Head	cprcq	bc, bc	bcc	cz.	46	45	•	0·1	<8.00	—	—	1·1
Renfrew	cbc	cprcq	cqor.	orrqm	44	43	41	1	<8.00	8	<21.00	2·0
Edinburgh (Inchkeith)	bc	b	c	qor.	44	42	40	2	13.30	Trace	1·30	1·9
Leuchars	bcc	bc	bccq	cqrrq	43	41	37	—	—	2	3·30	3·8
Eskdalemuir	[illegible]	[illegible]	ccqor	oirorm	39	37	36	5	<8.00	6	24.00	1·9
Tynemouth	bcq	bcq	bq	bcq	44	41	35	—	—	—	—	•
Blacksod Point ...	c	cd.m	o	po	49	47	•	0·2	*	0·6	*	•
Donaghadee	bcq	bcq	c	c	47	43	•	—	—	—		•
Birr Castle	bcd	c	cir.	cir.	47	43	38	—	—	0·1	22.30	4·2
Holyhead	bc	bcc	c	c	46	44	42	—	—	—	—	4·0
Liverpool (Bidston) ...	bq	bq bcb	bcb	bqcq	44	39	35	—	—	—	—	6·3
Chester (Sealand) ...	bq	bq bcb	bbc	bcc	43	39	34	—	—	—	—	7·7
Harrogate	[illegible]	cbcc	c	c	43	40	37	0·1	<8.00	—	—	2·9
Spurn Head	b	c	c	c	43	39	•	—	—	—	—	5·0
Birmingham (Edgbaston)	b	bcb	bc	bcc	47	36	33	—	—	—	—	7·4
Cranwell	bbbc	c	c	c	44	38	36	—	—	—	—	4·8
Gorleston	b	b	bcc	c	45	37	33	—	—	—	—	6·9
Valentia (Cahirciveen)	bbc	bc	bcco	oid.	50	47	45	—	—	0·2	5·30	6·2
Roches Point	bbc	bcb	bbccdc	c	49	45	•	—	—	Trace	22·00	•
Pembroke (St. Ann's H.)	bcq	bbcq	bcc	c	47	45	•	—	—	—	—	6·9
Ross-on-Wye	bcv	bcyb	bbcc	cq	48	38	29	—	—	—	—	7·7
Leafield	bc	bcb	bcx	bcb	44	33	29	Trace	—	0·2	—	7·5
Winchester (Worthy Dn.)	bbc	bcb	bx	bxbc	48	33	26	—	—	Trace	—	8·3
S Farnborough ...	bxbc	bc	bbc	bcpr.	46	32	26	—	—	Trace	2·30	7·5
London (Kew Obsy.) ...	bxb	bcm.	bcwc	cbcw	47	37	32	Trace	—	Trace	—	7·1
Croydon	bxm.	bcb, cz	cbz.c	cbc	47	33	34	—	—	—	—	7·2
Shoeburyness	bm.	bcm.	bcm.	bcm.	46	37	34	—	—	—	—	6·9
Clacton-on-Sea ...	bxbc	bc	bcm	bcmbc	46	37	32	—	—	—	—	7·2
Felixstowe	bxbc	bcb	bbc	bcc	46	39	34	Trace	—	—	—	7·0
Lympne	bxb	bbcc	cbc	bcc	45	34	31	—	—	—	—	7·1
Scilly (St. Mary's) ...	bcb	bbcp.	bbcor	orcp.	51	44	•	Trace	17.30	Trace	24·00	8·1
Falmouth (Pendennis)	bcpr	bc	bc	bccq	50	43	•	Trace	3·00	—	—	7·6
Plymouth (Cattewater)	bcmpc	bcprb	bbc	bwc	50	44	38	Trace	12·30	—	—	6·8
Portland Bill	b	bcb	bbc	c	48	46	•	Trace	15·30	—	—	•
Southampton (Calshot)	bbc	bcyb	bbc	bcc	47	35	32	—	—	—	—	8·2
Dungeness	b	bbcc	bc	bc	48	38	•	—	—	—	—	•
Guernsey	bbcpb	bbc	bcb	bbc	48	43	•	0·2	9·00	—	—	7·6

BALLOBARS

7th February

Position Numbers +4 0 -4 -8 -12 -16 -20 +4 +4

Barometric Change in 24 hrs. (Half millibars)

Observations from Cross Channel Steamers.

Position.	Date and Time.	Name.	Wind. Direc.	Force.	Weather.	Temp. Air.	Sea.
2	6th 10h.	Scotia	WNW	4	bc	45	46
3	7th 12h.	Arundel	WNW	4	bc+	46	45

GENERAL INFERENCE.

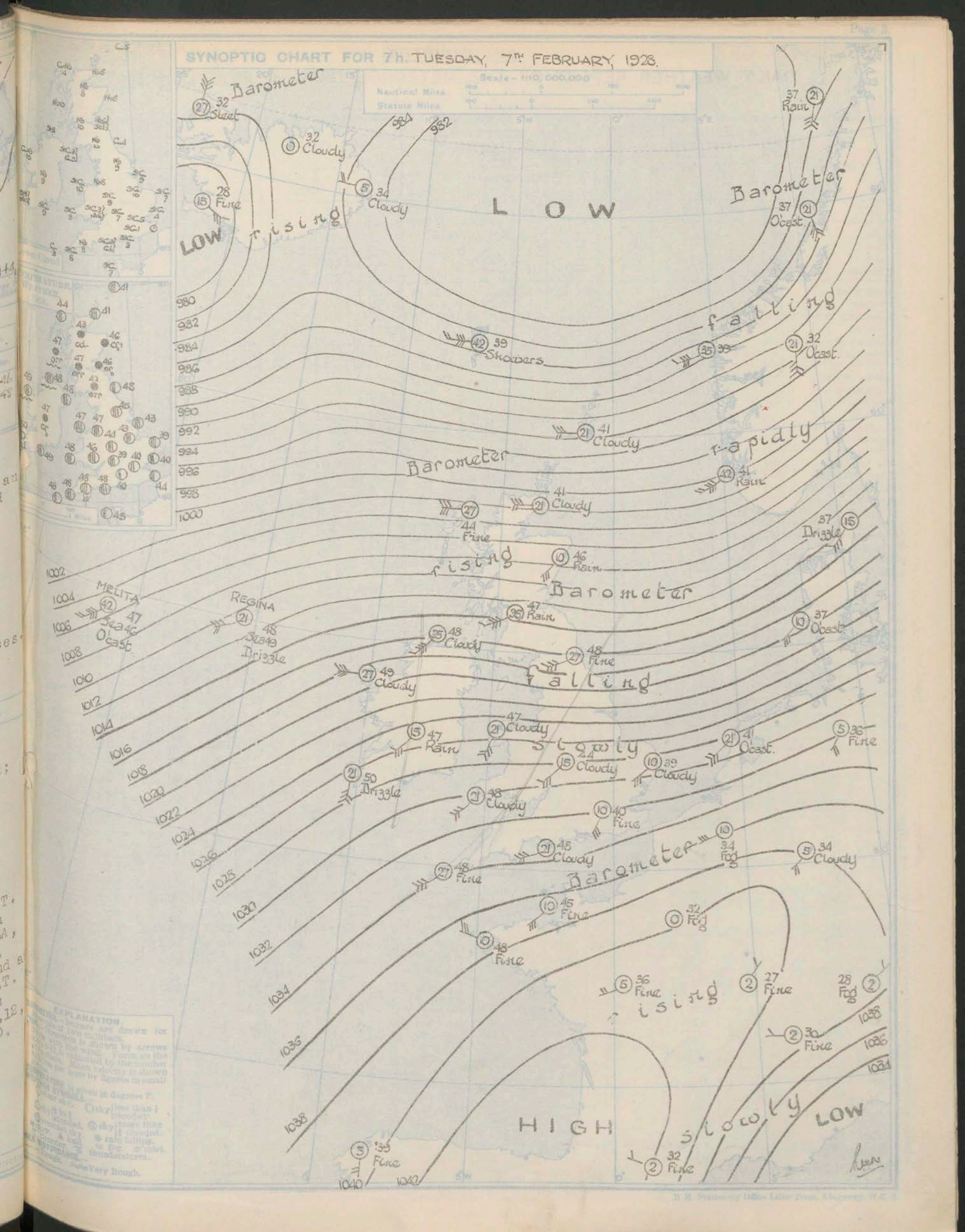
Depressions are passing eastwards across Iceland and an anticyclone covers France and Spain. Secondary depressions are likely to develop off Southwest Ireland and move northeastwards across the British Isles. Winds will be southwesterly, strong to a gale locally and weather mainly cloudy with rain or drizzle at times in most places. Bright periods will, however, occur locally, particularly in southeastern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 7th February, 1928.	Further Outlook.
1. S.E. England 2. E. England	Southwesterly winds, moderate to strong, freshening to gale force locally; bright intervals at first, occasional rain or drizzle later; rather mild.	Mild, stormy and unsettled; some bright periods in southeastern districts.
3. E. Midlands 4. W. Midlands	Southwesterly winds, moderate to strong, gale locally; cloudy, occasional rain or drizzle; mild.	
5. S.W. England 6. South Wales ▼ 7. North Wales ▼ 8. N.W. England ▼	Southwesterly winds, gale locally; mainly cloudy with occasional rain or drizzle; mainly mild.	▼South Cone hoisted at 15h.25m.G.M.T. yesterday in districts 13A, 13B, 15, 16, and 17; and at 20h.11m.G.M.T. in districts 6,7,8,10,11,12, 18,19 and 20.
9. N. Midlands 10. N.E. England ▼	As 1.	
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 ▼	Southwesterly winds, strong to gale at times; occasional rain today, bright intervals tomorrow; 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 has fallen, but amount less than 0·1 mm.

‡ For code see page 1


SYNOPTIC CHART FOR 7h. TUESDAY, 7th FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
LOW
HIGH
Barometer rising
Barometer falling
Barometer rapidly rising
Barometer falling
Barometer slowly rising
Barometer slowly falling
MELITA
REGINA
27 32 Sleet
0 32 Cloudy
15 28 Fine
5 34 Cloudy
37 21 Rain
37 21 O'cast.
42 39 Showers
35 39
21 32 O'cast.
21 41 Cloudy
42 41 Rain
27 44 Fine
21 41 Cloudy
37 15 Drizzle
10 46 Rain
42 47 Snow O'cast
21 48 Snow Drizzle
35 47 Rain
10 37 O'cast
35 48 Cloudy
27 48 Fine
27 49 Cloudy
15 47 Rain
21 47 Cloudy
21 41 O'cast.
5 36 Fine
15 44 Cloudy
10 39 Cloudy
21 50 Drizzle
21 48 Cloudy
10 40 Fine
21 45 Cloudy
10 34 Fog
5 34 Cloudy
27 48 Fine
10 45 Fine
0 32 Fog
0 48 Fine
5 36 Fine
2 27 Fine
28 Fog
2 30 Fine
5 39 Fine
2 32 Fine
980
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
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1038
1040
1042
1038
1036
1034

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Tuesday, 7th February.....1928. No. 38.....

Stations.	Height above M.S.L. in feet	Observations at 18. G.M.T. 7th. 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. 7th. 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. 0-10
Lerwick	64	995.4	-10	SSW	5	or	43	97	7	4000	Nb	10	-	10	992.2	0	W	5	c-	41	92	8	4000	Cu	5	ASt	8	.
Stornoway	30	1000.7	-9	NW	8	orr	*	*	5	*	*	*	*	10	1002.8	+6	W	6	bc/r	44	85	6	4000	CuNb	4	CSt	7	5
Wick	81	1001.9	-9	SW	5	cw	41	97	8	1500	Nb	6	ASt	10	1001.7	+1	W	5	c	41	92	8	1500	Nb	5	CSt	8	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1010.2	+4	SWW	5	orr	47	97	6	220	Nb	10	-	10	7
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1005.4	*	WSW	2	cd-	43	92	7	1500	Nb	8	-	8	.
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1006.5	+2	SWW	3	cr.	46	85	7	1500	Nb	5	ASt	10	0
Malin Head	81	1014.7	-3	SW	7	c	47	85	7	6700	StCu	7	ASt	10	1015.0	+2	SW	7	c	48	85	6	1500	St	8	ASt	10	7
Renfrew	50	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.4	0	WSW	7	orr	47	85	6	800	Nb	10	-	10	.
Edinburgh (Inchkeith)	196	1011.2	-7	SW	8	cw	44	75	8	4000	Cu	5	ASt	8	1010.6	-1	SW	8	or.	46	85	8	800	Nb	10	-	10	4
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1009.8	-1	SW	7	cr.	46	85	7	1500	Nb	4	ASt	9	.
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*	1017.9	-2	SSW	6	orr	42	92	6	450	Nb	10	-	10	.
Tynemouth	67	1019.8	-4	SW	6	c-	45	75	8	1500	Nb	8	-	8	1016.4	-2	WSW	6	bc	48	75	8	2500	Cu	4	-	4	4
Blacksod Point ...	18	1018.9	0	W	7	c	50	75	7	*	-	0	ASt	10	1019.6	0	W	6	c	49	92	7	*	CuNb	10	-	10	6
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.0	+2	WSW	4	c-	48	85	7	4000	Cu	8	-	8	3
Birr Castle	178	*	*	*	*	*	*	*	*	*	*	*	*	*	1024.5	*	SW	4	cr.	47	92	7	1500	Nb	9	-	9	.
Holyhead	26	1027.1	-1	SWS	5	c	46	85	7	4000	StCu	10	-	10	1025.8	+1	SSW	5	c	47	97	7	4000	StCu	10	-	10	4
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.1	-1	SW	4	c	47	76	7	1500	Nb	8	ASt	9	.
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.5	-1	WSW	4	c+	49	65	8	2500	St	8	ASt	10	.
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1023.0	-1	SW	4	c	45	85	8	2500	Nb	9	ASt	10	.
Spurn Head	29	1026.9	-1	WSW	5	c	40	82	6	4000	StCu	6	ASt	9	1022.8	-4	SWS	7	c	43	85	6	4000	StCu	9	-	9	3
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1029.4	0	SW	4	c+	44	75	8	2500	StCu	9	-	9	.
Cranwell	268	1030.4	+2	WSW	4	c+	39	92	6	1500	StCu	8	ASt	10	1028.1	-2	SW	5	c	43	85	7	2500	StCu	10	-	10	.
Gorleston	14	1030.6	+1	WSW	3	c+	38	85	7	-	-	0	ACu	9	1029.8	0	SW	3	c	39	92	7	4000	StCu	7	ASt	10	0
Valentia (Cahirciveen) P	30	1027.6	-1	SW	4	o/r	49	92	8	*	Nb	10	-	10	1027.3	-1	SW	5	od.	50	85	6	800	St	10	-	10	4
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1028.3	-1	SW	3	c	49	97	8	1500	StCu	9	-	9	4
Pembroke (St. Ann's H.)	150	1030.9	-1	SWW	6	c+	46	97	8	1500	StCu	10	-	10	1030.0	-1	SW	5	c	48	92	7	2500	StCu	8	ASt	10	3
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1030.2	-1	WS	5	c	46	85	7	2500	Nb	9	-	9	.
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1031.2	-1	SSW	4	c	39	92	8	4000	StCu	7	ASt	9	.
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.9	0	SWS	3	c+	42	85	8	2500	StCu	8	Ci	9	.
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.3	-1	WSW	4	bc	40	86	7	4000	StCu	1	Ci	7	.
London (Kew Obsy.) ...	18	*	*	*	*	*	38	*	*	*	*	*	*	*	1033.4	-1	SSW	3	bc	40	92	8	2500	StCu	5	ASt	7	.
Croydon	246	1033.5	0	WSW	3	cw	40	85	7	-	-	0	CSt	10	1033.2	0	SWW	4	bc	42	85	7	-	-	0	CSt	7	.
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1033.6	-1	SW	3	c	39	97	6	2500	StCu	3	ASt	8	2
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.6	0	SW	4	bc	40	85	7	4000	StCu	4	CSt	7	4
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1032.1	-1	SSW	5	c	39	85	7	4000	StCu	3	CSt	8	.
Lympne	350	1033.7	+1	WSW	3	cw	36	85	7	-	-	0	CSt	3	1033.7	0	SW	4	c	37	97	8	-	-	0	CSt	8	.
Scilly (St. Mary's) ...	163	1035.6	0	SWW	6	cr	47	85	6	4000	Nb	10	-	10	1034.4	0	SWW	6	bcv-	48	92	9	4000	Cu	3	-	3	4
Falmouth (Pendennis)	200	1035.3	0	WSW	5	bc	46	75	8	4000	Cu	4	-	4	1035.1	0	WSW	6	c+	48	85	8	4000	StCu	8	-	8	1
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*	1035.3	+1	WSW	5	cip	48	75	8	1500	Nb	8	CSt	9	2
Portland Bill	32	1034.4	+1	SWW	4	c+	47	75	8	2500	StCu	7	Ci	9	1033.9	-1	WSW	5	c	48	75	8	2500	Cu	9	-	9	4
Southampton (Calshot)	10	1034.6	-2	WSW	4	bc+	40	92	7	-	-	0	Ci	5	1034.6	-1	WSW	4	c+	43	92	8	4000	StCu	2	ASt	8	1
Dungeness	20	1034.3	+2	W	2	bcw	41	92	7	-	-	0	CSt	3	1036.0	-3	WSW	3	bc+	44	92	8	-	-	0	CSt	7	2
Guernsey (Fort George) P	295	1036.6	0	W	1	b-	43	85	7	-	-	0	ASt	2	1037.4	0	SW	3	bc+	45	92	8	4000	StCu	7	-	7	3

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 8th February, 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	c	c	34	43	Trace	-	2.5
Douglas (I. o. M.) ...	b	c	38	45	0.3	-	6.0
Llandudno ...	bcb	bbc	40	46	0.3	-	5.7
Colwyn Bay ...	bbcb	b	39	47	-	-	4.5
Rhyl	bcb	b	39	47	0.6	-	6.9
Wallasey	cbc	b	38	46	0.5	-	5.7
Southport	bcco	bcb	*39	45	0.2	-	4.5
Blackpool	cbc	bcc	40	45	0.3	-	3.1
Ilkley	cp	bcc	37	43	1	0.2	1.3
Cleethorpes... ...	c	bc	34	45	-	-	4.8
Skegness	b	bbc	34	44	-	-	4.6
Aberystwyth ...	cbc	bc	41	46	0.5	-	7.3
Bath	b	bbc(b)	32	43	0.3	0.3	7.8
Cheltenham ...	bcb	bc	34	47	-	-	7.7
Leamington Spa ...	bc	bc	34	47	-	-	7.5
Lowestoft	b	b	34	45	Trace	-	7.1
Felixstowe	b	bbc	34	45	Trace	-	6.9
Harwich & Dovercourt	cb	bbc	39	43	-	-	7.0
Southend	mb	bbc	35	45	0.3	-	6.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	b	b	44	47	-	-	6.7
Bude	bcp	bbc	43	48	1	0.4	7.6
Penzance	b	bbr	40	52	0.5	0.5	7.2
Paignton	b	b	35	51	0.3	-	9.0
Torquay	b	b	36	51	0.1	-	7.9
Jersey	bc	b	39	50	-	-	8.3
Weymouth	b	b	38	50	0.1	-	8.1
Bournemouth ...	b	b	34	48	-	-	7.5
Ventnor ...	cb	b	37	48	-	-	8.5
Portsmouth (S'thsea)	b	b	37	49	-	-	8.7
Bognor	b	b	35	48	-	-	8.4
Littlehampton ...	b	bbc	34	48	-	-	8.3
Worthing	b	bbc	33	47	-	-	7.8
Brighton	b	bbcb	36	47	-	-	7.9
Eastbourne‖	b	b	36	47	0.1	-	7.9
Hastings‖	cb	bbcc	34	47	0.4	-	7.8
Folkestone	cbm	bbc	34	47	1	-	7.3
Dover	mb	bbc	37	48	0.6	-	7.9
Tunbridge Wells ...	b	bbc	32	47	Trace	-	7.3
Ramsgate	b	b	35	47	Trace	-	7.3
Margate	bc	bc	36	45	Trace	-	8.0
Deal	b	b	35	46	-	-	

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* Information not usually received. P The observations at 18h. G.M.T. and at Guernsey, the sunshine readings are from an auxiliary station. † For code see page 1. †† See footnote page 1.

‖ At stations marked thus the maximum temperature is for the period 21h.-17h., the minimum for the period 21h.-9h. ‖ 12h.-6h.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24184. Wednesday, 8th February, 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	1008.2	+7	W	6	cp	43	85	8	4000	Cu	8	-	8	•
Stornoway	1008.1	+4	W	6	ohR	46	81	7	4000	Nb	10	-	10	•
Wick	1007.2	+5	SW	4	c	45	85	8	1500	StCu	6	CiSt	8	•
Tiree	1013.2	+1	WSW	6	o	49	92	5	450	St	10	-	10	•
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1010.6	+4	WSW	4	bc⊕	51	85	8	2500	Cu	1	CiSt	5	2
Malin Head	1016.8	+2	SW	7	c	50	85	7	5700	StCu	9	-	9	•
Renfrew	1017.2	+3	SW	6	odd	48	85	6	450	Nb	10	-	10	2
Edinburgh (Inchkeith)	1013.2	+3	WSW	7	cp	48	85	7	800	Nb	5	ACu	9	•
Leuchars	1012.3	+3	WSW	6	c	52	75	7	1500	StCu	4	Ci	8	2
Eskdalemuir	1018.3	0	SW	7	cp	45	92	7	1500	St	10	-	10	2
Tynemouth	1017.7	0	W	7	c+	53	75	7	1500	Cu	8	-	8	•
Blacksod Point	1020.6	+2	W	5	cdo	50	85	7	-	CuNb	8	-	8	•
Donaghadee	1021.3	+1	W	7	c	51	75	8	4000	StCu	8	-	8	•
Birr Castle	1024.0	•	SW	7	cp	49	97	6	1500	Nb	8	-	8	•
Holyhead	1026.1	0	SWS	6	c	49	92	6	4000	StCu	8	ASt	9	1
Liverpool (Bidston)	1024.7	-1	SWW	6	c	51	75	8	1500	Nb	6	ASt	9	•
Chester (Sealand)	1025.0	-2	WSW	6	c	52	75	8	1500	St	6	CiSt	10	
Harrogate	1022.6	0	SW	5	cp	48	85	8	2500	Nb	9	ASt	10	•
Spurn Head	1022.7	-1	WSW	6	c	48	85	7	4000	StCu	9	-	9	•
Birmingham (Edgbaston)	1026.2	+1	SW	4	cp	48	75	8	2500	Nb	9	-	9	2
Cranwell	1027.6	0	SW	5	c	49	85	7	2500	StCu	10	-	10	1
Gorleston	1027.8	-2	WSW	4	c	45	85	6	4000	StCu	10	-	10	•
Valentia (Cahirciveen)	1025.8	-3	S	5	od	52	97	6	800	St	10	-	10	2
Roches Point	1028.0	-2	SW	7	odd	49	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1030.4	0	SW	6	cp	49	97	6	1500	StCu	10	-	10	•
Ross-on-Wye	1029.5	-1	WS	6	c	49	75	8	2500	Cu	6	CiSt	9	1
Leafield	1031.1	+1	SW	4	c	45	85	8	4000	StCu	8	ASt	10	2
Winchester (Worthy Dn.)	1033.2	0	SSW	4	c	48	75	8	2500	St	8	ASt	10	2
S. Farnborough	1032.8	0	SW	4	o	49	75	8	2500	StCu	9	-	9	2
London (Kew Obsy.)	1032.6	-1	SWW	4	c	48	75	7	800	StCu	10	-	10	2
Croydon	1033.1	-1	WSW	4	c	48	75	7	2500	StCu	9	ASt	10	2
Shoeburyness	1032.4	-1	WSW	5	c+	48	92	6	4000	StCu	8	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1030.4	-2	SSW	6	c	47	75	6	5700	StCu	4	ASt	9	1
Lympne	1033.2	-1	SWW	6	c	47	85	8	2500	StCu	7	ACu	10	2
Scilly (St. Mary's)	1034.5	-1	SW	6	c+	51	75	7	4000	Cu	6	-	6	•
Falmouth (Pendennis)	1034.8	-1	SWW	7	c+	50	75	8	4000	Cu	8	-	8	•
Plymouth (Cattewater)	1035.3	-1	WSW	6	c	49	75	8	2500	Nb	8	CiSt	9	2
Portland Bill	1034.1	0	SW	5	c	49	85	8	2500	StCu	3	Ci	9	•
Southampton (Calshot)	1034.5	-1	SWW	5	c	48	75	8	4000	StCu	7	ASt	9	1
Dungeness	1034.0	-2	SW	5	c	47	85	7	2500	StCu	10	-	10	•
Guernsey (Fort George)	1037.7	-1	SW	3	c	48	75	8	1500	StCu	9	-	9	•

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1003.0	+7	SW	7	c	43	88	8	4000	Cu	3	ASt	9	•
Stornoway	1007.9	0	WSW	6	ohR	49	92	6	2500	Nb	10	-	10	3
Wick	1008.7	+2	SW	7	c	42	97	8	1500	Nb	8	CiSt	10	6
Tiree	1015.3	+1	SW	6	o	48	92	6	450	St	10	-	10	6
Nairn	1010.1	•	WSW	3	c	48	85	8	4000	CuNb	8	-	8	•
Aberdeen	1012.3	+1	WSW	3	bc	50	75	8	4000	StCu	1	ASt	4	0
Malin Head	1017.9	+1	SW	5	bc	48	85	7	5700	StCu	5	-	5	5
Renfrew	1017.9	+1	WSW	6	cd	48	85	7	1500	StCu	9	-	9	•
Edinburgh (Inchkeith)	1013.7	+1	WSW	7	bc	48	75	7	450	St	2	ACu	3	4
Leuchars	1014.8	+3	WSW	6	bc	48	75	8	1500	StCu	3	Ci	5	•
Eskdalemuir	1019.6	+4	SW	4	c	45	85	7	1500	St	9	-	9	•
Tynemouth	1020.6	+4	WSW	3	c	51	75	7	2500	Cu	8	-	8	4
Blacksod Point	1019.7	+1	WSW	5	od	49	97	6	•	Nb	10	-	10	6
Donaghadee	1021.2	-1	W	2	bc	48	85	8	4000	StCu	3	-	3	2
Birr Castle	1023.4	•	SW	2	bc	50	92	7	1500	CuNb	2	ACu	3	•
Holyhead	1025.1	-1	SSW	4	o	47	97	6	450	St	10	-	10	3
Liverpool (Bidston)	1025.5	+1	SSW	4	c	49	85	8	2500	Nb	9	-	9	•
Chester (Sealand)	1025.6	0	SW	4	c	51	75	8	1500	StCu	9	-	9	•
Harrogate	1025.0	+1	SW	5	cp	47	92	7	2500	Nb	9	ASt	10	•
Spurn Head	1024.1	+3	WSW	6	c	48	85	7	4000	StCu	9	-	9	4
Birmingham (Edgbaston)	1029.4	+1	SW	5	c	48	75	8	1500	Nb	9	-	9	•
Cranwell	1027.9	+1	SWW	4	odd	47	97	8	800	Nb	7	ASt	10	•
Gorleston	1026.6	+2	WSW	4	c	47	85	6	-	-	0	ASt	10	0
Valentia (Cahirciveen)	1026.0	+1	S	4	c	50	97	7	450	St	10	-	10	5
Roches Point	1027.4	+2	W	3	c	50	97	8	1500	StCu	8	-	8	4
Pembroke (St. Ann's H.)	1028.5	-2	WSW	6	odd	48	97	8	800	St	10	-	10	6
Ross-on-Wye	1029.6	0	WSW	5	c	48	85	8	2500	StCu	10	-	10	•
Leafield	1031.3	+1	SSW	4	orr	44	97	10	1500	Nb	10	-	10	•
Winchester (Worthy Dn.)	1033.0	0	SSW	4	od	47	85	7	1500	StCu	10	-	10	•
S. Farnborough	1032.7	0	WSW	4	c	46	85	8	2500	StCu	10	-	10	•
London (Kew Obsy.)	1033.0	+1	SWW	4	c	47	75	6	1500	StCu	10	-	10	•
Croydon	1033.3	+1	SWW	4	c	47	85	7	2500	StCu	6	ASt	10	•
Shoeburyness	1032.0	0	WSW	4	o	47	92	6	2500	St	10	-	10	•
Clacton-on-Sea	1031.9	+1	WSW	4	c	47	75	7	5700	StCu	8	-	8	•
Felixstowe	1031.3	+2	SSW	4	c	46	85	7	4000	StCu	9	-	9	•
Lympne	1033.3	0	WS	5	c	45	85	7	1500	StCu	8	ASt	9	•
Scilly (St. Mary's)	1032.8	-2	SW	6	cp	49	97	6	2500	Nb	10	-	10	6
Falmouth (Pendennis)	1033.4	0	SWW	7	c	49	85	7	1500	St	5	ASt	10	3
Plymouth (Cattewater)	1034.4	-1	WSW	6	od	49	85	6	1500	Nb	10	-	10	4
Portland Bill	1033.6	0	SWS	6	c	49	85	7	2500	StCu	9	ASt	10	6
Southampton (Calshot)	1034.3	0	SWW	6	c	47	85	7	2500	StCu	7	ASt	10	0
Dungeness	1033.3	-3	SW	6	c+	46	92	7	2500	StCu	4	ASt	8	4
Guernsey (Fort George)	1037.9	0	SW	4	c+	47	85	8	4000	StCu	5	-	5	3

London Observations.	Heights 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													7
Croydon } 24 hours ended 7h.	18	bcc	c3.	cr.c	50	47	44	-	Tr.	0·1	•	•	6
Greenwich (Royal Obsy.)	244	bc.c	c	cdmoc	49	47	45	-	Tr.	0·0			5
City (Bunhill Row)	149	bc	c	cdc	51	47	41	-	Tr.	0·0	69	93	7
Westminster (St. James' Pk.)	30	•	•	•	•	•	•	-	•	0·1	•	•	0
Regent's Pk. (Botanic Gdns.)	27	•	•	•	52	45	39	-	-	0·1	61	78	•
Camden Square	168	•	•	•	•	•	•	•	•	0·2	•	•	•
Kensington Palace	110	bcc	c	•	48	47	44	Tr.	Tr.	•	•	92	•
Hampstead Observatory	80	bcc	c	•	50	47	-	-	-	•	(At 18h. 73)	93	•
	450	•	•	•	48	43	37	0.1	0.1	0·1	•	91	0

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time
6·5	7h. 10m.	<0·3	8h. 1m.

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

Pole Star Record at Greenwich Obsy.

Exposure from 7h. 18m. 15s. to 8h. 6m. 15s.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12·0	NIL	-
δ Ursae Minoris	12·0	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 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.

8th February, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·28	12·7	16.48
	7·26	12·7	16.50
Greenwich	7·31	12.14	16·58
	7·29	12.14	17·0
Wick	8·8	12·27	16.46
	8·5	12·27	16·49
Valentia	8·13	12·55	17·38
	8·12	12·55	17.40

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

§ Telegraphic Code for Surface Visibility.

	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ „
6. Moderate.	6½ „
7. Good.	13¾ „
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.

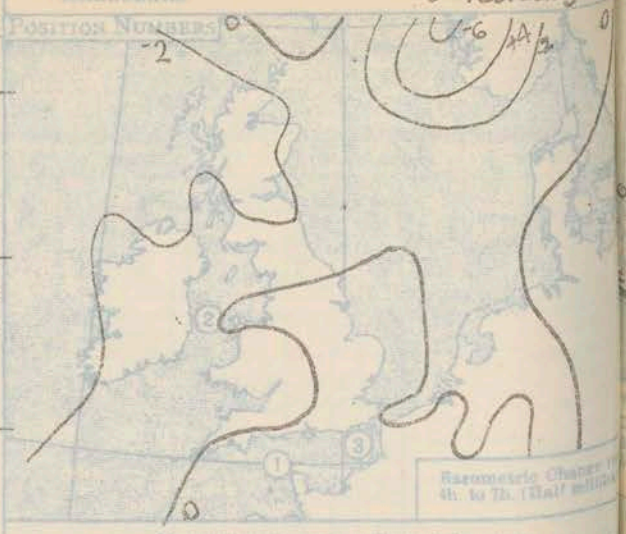
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 7h.	Weather. 13h.-18h. 7h.	Weather. 18h.-7h. to 1h. 8h.	Weather. 1h.-7h. 8h.	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 7h. Hours.
Lerwick	birheq	bibrc	cip.	cipr.	44	42	.	2	<8.00	2	<21.00	0.8
Stornoway	rd	r-d	r-d	p	49	47	.	1	*	1	*	1.0
Wick	c	crrc	b-bc	b-bc	46	42	.	1	15.30	–	–	.
Tiree	mddo	om.	pro	pd.oq	50	47	43	3	<8.00	0.5	<21.00	0.0
Nairn	rr.c	rc.	cqbc	bc	46	47	.	2	<8.00	–	–	0.0
Aberdeen	circbc	bcdbc	bc	bccq	51	46	40	0.2	<8.00	–	–	2.1
Malin Head	c	cbc	bcce	cr.	61	46	.	–	–	0.1	3.30	0.0
Renfrew	orrqm.	addqc	cdqc	cq	50	46	45	6	<8.00	Trace	<21.00	0.0
Edinburgh (Inchkeith)	bq	cbcq	c	c	50	46	44	Trace	<8.00	–	–	0.0
Leuchars	cirqcq	bccq	bccq	cq.pr.	52	46	43	0.1	<8.00	Trace	5.30	2.9
Eskdalemuir	prrm.	cq	co	oidm.	47	43	43	12	<8.00	2	2.30	0.0
Tynemouth	bcq	cq	cbc	bc	53	47	39	–	–	–	–	.
Blacksod Point ...	cq.d	odoc	Do	o	52	49	.	0.2	*	0.3	*	.
Donaghadee	c	cbc	bcw	cbcw	52	47	.	–	–	–	–	.
Birr Castle	crr.	cir.	cir.	c	51	48	44	2	<8.00	0.4	<21.00	0.0
Holyhead ... Cmo	cmm	com.q	obod.	pm.m	50	47	45	Trace	–	Trace	22.00	0.0
Liverpool (Bidston) ...	c	bccq	cbcb	bccv	52	47	41	–	–	–	–	0.9
Chester (Sealand) ...	cq	c	bcv	bcv	52	50	45	–	–	–	–	1.2
Harrogate	cir.	crrcir	coir.	coird	49	47	44	0.6	12.30	1	<21.00	0.0
Spurn Head	c	c	c	bbc	49	45	.	–	–	–	–	0.0
Birmingham (Edgbaston)	c	c	c	c	49	46	44	–	–	–	–	0.2
Cranwell	c	cpir.	cr.bcb	bccp.	49	46	44	Trace	15.30	Trace	3.30	0.0
Gorleston	cq	cuq	bcq	bccq	48	46	43	–	–	–	–	0.0
Valentia (Cahirciveen)	oid	oidco	r.id.	oid.o	52	50	49	1	<8.00	0.4	<21.00	0.3
Roches Point	codd	odc	cod	odd	52	49	.	2	9.00	2	22.00	.
Pembroke (St. Ann's H.)	c	oirm	iFd.	oFfr.	49	47	.	0.4	12.30	1	<21.00	0.0
Ross-on-Wye	cq	cq	cqid	c	49	48	46	–	–	0.1	<21.00	0.0
Leafield	c	c	orr	rr.o	46	43	43	0.1	17.30	1	<21.00	0.0
Winchester (Worthy Dn.)	c	cd.	d.prc	c	49	46	44	Trace	17.30	0.3	<21.00	0.0
S Farnborough ...	bcc	c	cid.c	c	49	46	44	–	–	Trace	<21.00	0.5
London (Kew Obsy.) ...	bcc	c3.	cr.	c	50	47	44	–	–	Trace	<21.00	0.1
Croydon	bc,c	c	cdm.o	oc	49	47	45	–	–	Trace	22.00	0.0
Shoeburyness	om.om.	om.	om.	o	49	45	43	–	–	–	–	0.3
Clacton-on-Sea ...	bcc	oc	co	oc	47	43	39	–	–	–	–	0.0
Felixstowe	cm.	cm.	cm.	omd.	48	43	41	–	–	Trace	3.30	0.0
Lympne	c	c	cod.	od.	47	44	42	–	–	Trace	<21.00	0.2
Scilly (St. Mary's) ...	bc	cp.	oimid	cm.	51	48	.	Trace	14.30	1	<21.00	2.8
Falmouth (Pendennis)	bcq	cr.q	crqm.	cd.m	51	48	.	Trace	14.30	2	<21.00	3.7
Plymouth (Cattewater)	crbcq	cqqd.	qqddm	qqddm	50	48	46	Trace	15.30	1	<21.00	0.7
Portland Bill	c	c	cirodd	odoj.	50	47	.	–	–	0.3	<21.00	.
Southampton (Calshot)	c	cr.	coid.dm	oddm	49	46	45	Trace	17.30	0.1	<21.00	0.1
Dungeness	bcc	c	cdd	oDD	47	45	.	–	–	Trace	<21.00	.
Guernsey	bcc	cbcq.	bccprc	cq.	49	47	.	–	–	0.4	22.00	2.7

ISALLOBARS — POSITION NUMBERS

8th February



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

Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
1	7th 13h.	Reindeer	SW'W	5	C	51	49
3	8th 2h.	Brighton	W	4	C+	46	47

GENERAL INFERENCE.

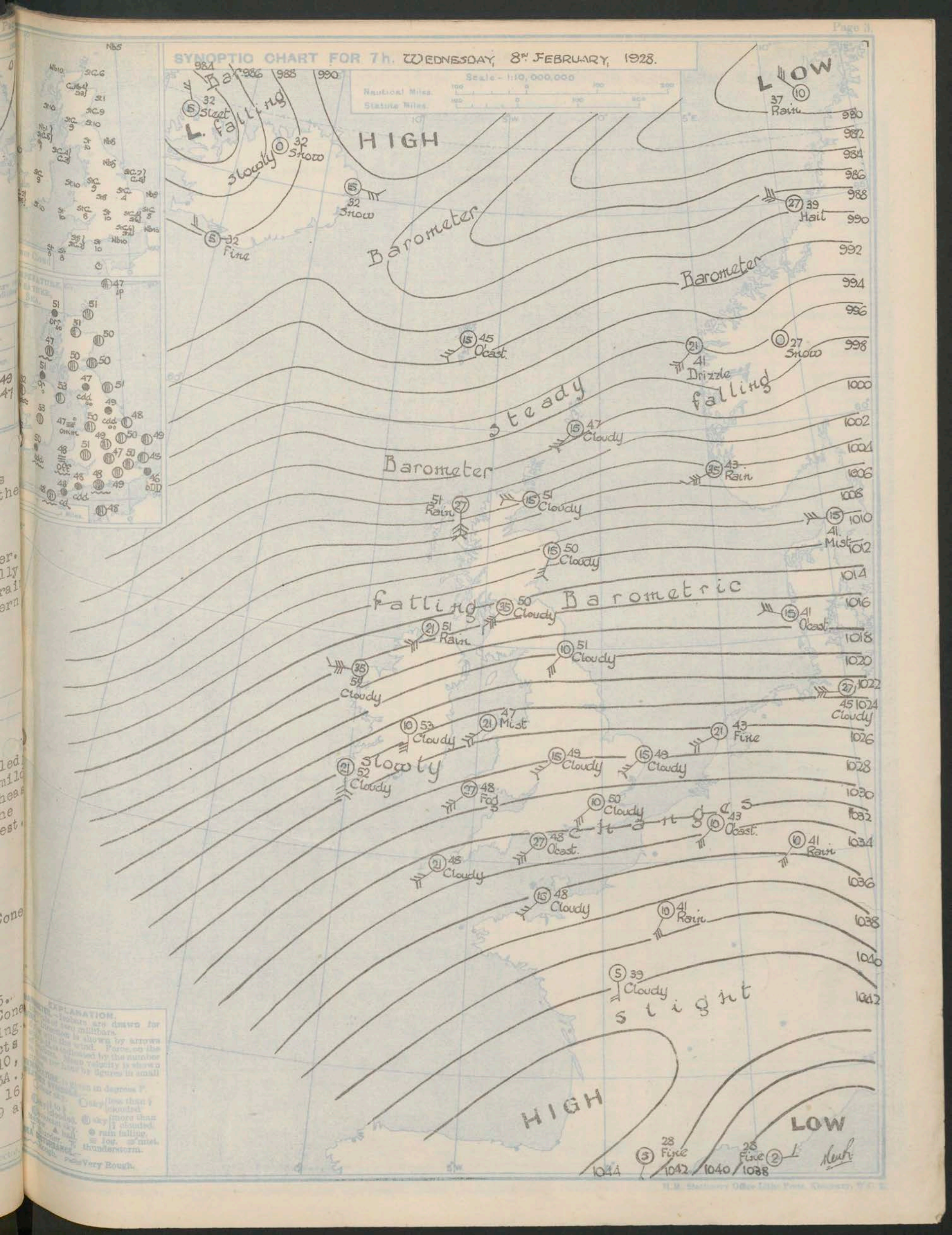
An intense anticyclone covers France and depressions are travelling eastwards to the north of the British Isles. Fresh to strong southwest to west winds will continue with mild and mainly cloudy weather. Some drizzle will occur locally but later in the period the rainfall may be heavier in northern districts.

Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 8th February, 1928.

Districts.	Forecast	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Southwesterly winds, moderate to strong, stronger at times in exposed places; mainly cloudy; occasional rain or drizzle locally; local mist; very mild.	Unsettled, continuing mild in the Southeast, cooler in the North and West.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Southwesterly winds, fresh to strong, stronger at times locally; cloudy, occasional slight rain or drizzle, particularly near coasts; local coastal mist or fog; very mild.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.	South Cone hoisted at 11h. 25m. 7.2.28 in districts 1, 2 and 5. South Cone still flying in districts 6, 7, 8, 10, 11, 12, 13A., 13B., 15, 16, 17, 18, 19 and 20.
12. S.W. Scotland & Isle of Man 13 (A. W. Scotland, B. NW. Scotland) 14. Mid-Scotland	Winds between south and west, strong to gale at times; cloudy, occasional drizzle and mist today, some rain tomorrow; very mild, cooler tomorrow.	
15. N.E. Scotland 16. Orkneys and Shetlands	As 1 - 4.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 12 - 14.	

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 has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. WEDNESDAY, 8TH FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
HIGH
LOW
Barometer falling slowly
Barometer steady
Barometer falling
Barometric falling slowly
Barometer falling slight
HIGH
LOW
980
982
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
1038
1040
1042
1044
EXPLANATION.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Wednesday, 8th February.....1928. No. 39

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

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	Rain 0-1
Lerwick	54	1001.8	-3	SW	2	c	47	97	7	4000	Nb	8	-	8	•
Stornoway	30	1007.7	-3	W	6	or,r.	•	•	6	•	•	•	10	10	5
Wick	81	1005.9	-2	W	4	bc	48	85	8	2500	StCu	3	CiSt	7	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	7
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	10
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	1017.1	+1	SW	5	c	49	92	7	4000	StCu	9	-	9	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Edinburgh (Inchkeith)	190	1014.7	-1	WSW	6	c+	48	85	8	800	Cu	8	-	8	5
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	9
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Tynemouth	87	1019.5	+1	W	3	bc	50	85	8	4000	Cu	2	Ci	3	•
Blacksod Point ...	18	1018.2	0	WSW	6	c	52	92	7	•	-	0	ASt	10	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1025.0	0	SW'S	4	o	48	97	6	450	St	10	-	10	9
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	9
Spurn Head	29	1022.3	-2	WSW	6	b-	47	92	7	4000	Cu	1	-	1	3
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	1027.4	0	SWW	5	b-	47	97	7	2500	StCu	1	ASt	2	8
Gorleston	14	1027.7	-1	SW'W	3	bc-	47	85	7	5700	Cu	4	-	4	7
Valentia (Cahirciveen)¶	30	1025.6	+1	SW	3	fo-	51	97	5	•	St	10	-	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	6
Pembroke (St. Ann's H.)	150	1029.3	0	SW	5	ffo	48	97	2	800	St	10	-	10	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	10
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	49	•	•	•	•	•	•	•	•
Croydon	244	1031.4	-1	SW'W	4	o	49	92	7	800	St	10	-	10	10
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Lympne	350	1032.3	-1	SW	6	od.	46	97	7	1500	St	10	-	10	•
Scilly (St. Mary's) ...	163	1033.9	+1	SW	5	c	50	97	6	4000	StCu	10	-	10	8
Falmouth (Pendennis)	200	1034.0	-1	WSW	7	cd.	49	97	6	1600	St	7	ASt	10	10
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•	10
Portland Bill	32	1033.2	-1	WSW	7	odd	48	97	6	1600	Nb	10	-	10	10
Southampton (Calshot)	10	1033.7	-1	W'S	5	odd	47	97	6	800	Nb	10	-	10	10
Dungeness	20	1033.3	-1	SW	5	odd	46	97	6	1600	Nb	10	-	10	10
Guernsey (Fort George) ‖	295	1037.0	0	SW	3	c	48	85	7	2500	StCu	8	-	8	10

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Rain 0-1
Lerwick	999.6	0	SW	4	cjp	47	97	7	4000	Nb	5	ASt	10	•
Stornoway	1003.4	-3	S	6	or,r.	51	97	6	2500	Nb	10	-	10	5
Wick	1005.2	-2	W	4	c	51	92	8	1500	StCu	6	CiSt	8	3
Tiree	1011.4	-1	SW	7	o	(52)	97	6	450	St	10	-	10	7
Nairn	1006.8	•	WSW	2	bc	51	86	8	1500	CuNb	7	-	7	•
Aberdeen	1010.4	-1	SSW	4	c	50	85	8	1500	St	1	ACu	8	0
Malin Head	1015.3	-2	SW	5	cr.	51	92	7	4000	StCu	9	-	9	5
Renfrew	1014.6	-2	SW	7	c	50	92	7	1500	StCu	9	-	9	•
Edinburgh (Inchkeith)	1013.5	-2	W	5	o	50	92	8	800	St	10	-	10	3
Leuchars	1013.4	0	SW	6	c	50	92	7	1500	StCu	9	-	9	•
Eskdalemuir	1017.7	-1	SSW	5	odd.	47	97	5	450	St	10	-	10	•
Tynemouth	1018.3	-1	SW	3	c+	51	85	6	1500	Nb	8	-	8	2
Blacksod Point ...	1016.1	-1	W	7	c	52	92	7	•	-	0	ASt	10	8
Donaghadee	1019.3	-1	WSW	4	bc-	53	75	8	2500	StCu	7	-	7	3
Birr Castle	1022.4	•	S	3	c+	53	85	7	1500	StCu	9	-	9	•
Holyhead	1024.5	+1	SW'S	5	mmo	47	97	4	220	St	10	-	10	5
Liverpool (Bidston) ...	1024.6	0	SW	4	cv	50	85	9	4000	StCu	9	-	9	•
Chester (Sealand) ...	1024.6	0	SW'S	6	bcv	52	75	9	1500	StCu	2	ACu	7	•
Harrogate	1023.2	0	SW'W	5	cdd.	49	97	6	2500	Nb	8	ACu	9	•
Spurn Head	1022.5	0	WSW	5	bc	48	92	7	4000	Cu	7	-	7	3
Birmingham (Edgbaston)	1023.5	-1	WSW	4	c-	49	85	8	1600	St	8	-	8	•
Cranwell	1026.5	0	WSW	5	bc-	50	92	8	800	StCu	4	CiSt	7	•
Gorleston	1026.9	+1	WSW	4	c+	49	85	7	1500	Nb	9	-	9	0
Valentia (Cahirciveen)¶	1023.8	-3	S	5	c	52	92	7	1500	St	10	-	10	4
Roches Point	1026.6	-1	SW	4	odd	50	97	6	800	St	10	-	10	6
Pembroke (St. Ann's H.)	1028.3	-1	SW	6	ffo	48	97	2	450	St	10	-	10	6
Ross-on-Wye	1028.9	-1	WSW	5	c	51	85	8	2500	StCu	8	CiSt	9	•
Leafield	1028.9	-1	SW'W	5	o	47	97	7	1500	St	10	-	10	•
Winchester (Worthy Dn.)	1031.9	0	SSW	4	c	49	92	7	800	StCu	10	-	10	•
S. Farnborough ...	1031.2	0	SW'W	4	c	49	92	7	1500	StCu	10	-	10	•
London (Kew Obsy.) ...	1031.3	0	SW	3	c	50	85	7	800	St	10	-	10	•
Croydon	1031.4	+1	WSW	4	c	50	92	7	1500	StCu	10	-	10	•
Shoeburyness	1030.8	0	SW	4	c	49	97	7	450	St	10	-	10	2
Clacton-on-Sea ...	1030.1	0	SSW	4	c	45	92	7	5700	StCu	8	-	8	3
Felixstowe	1029.7	0	SSW	4	c	46	92	6	2500	St	9	ASt	10	•
Lympne	1031.9	-1	SW	6	old	46	97	7	1500	St	10	-	10	•
Scilly (St. Mary's) ...	1032.2	-1	SW	5	c	48	97	6	2500	St	8	-	8	6
Falmouth (Pendennis)	1033.2	0	W'S	5	cd.	48	97	6	1500	St	8	ASt	10	3
Plymouth (Cattewater)	1033.9	+1	WSW	5	odd	48	97	7	220	St	10	-	10	4
Portland Bill	1032.0	0	SW	6	o	48	97	6	1500	St	10	-	10	7
Southampton (Calshot)	1033.1	+1	SW'W	5	odd	48	97	6	800	Nb	10	-	10	3
Dungeness	1032.1	-1	WSW	5	odd	46	97	4	800	Nb	10	-	10	3
Guernsey (Fort George) ‖	1036.2	+1	WSW	4	c	48	92	8	-	-	0	ASt	8	4

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. to 9h. °F.	Temperature. Max. 9h.-17h. °F.	Rainfall.† Night 17h.-9h. mm.	Rainfall.† Day 9h.-17h. mm.	Sunshine. Sunrise to Sunset. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Berwick-on-Tweed	cbc	bcbbc	37	51	-	-	3.5
Douglas (I. o. M.) ...	oid	oid	40	48	0.3	0.5	0.0
Llandudno ...	co	oc	41	50	-	-	0.0
Colwyn Bay ...	bbcc	c	44	52	-	-	0.0
Rhyl	c	c	42	54	-	-	0.4
Wallasey	c	cbc	40	52	-	-	0.0
Southport	oco	ocbc	*41	48	-	-	0.0
Blackpool	o	o	42	47	-	-	0.0
Ilkley	c	coro	39	49	-	0.2	0.0
Cleethorpes	o	o	38	50	-	-	0.0
Skegness	c	c	36	50	-	-	0.0
Aberystwyth ...	co	om	43	48	-	Trace	0.0
Bath	fog	cr,c	36	52	-	Trace	0.1
Cheltenham ...	clo	ocog	39	49	-	-	0.0
Leamington Spa ...	c	c	35	49	-	-	0.0
Lowestoft	o	ocbc	36	48	Trace	-	0.0
Felixstowe	c	c	36	48	-	-	0.0
Harwich & Dovercourt	oc	oc	37	48	-	-	0.0
Southend	bcoc	oc	35	46	0.2	-	0.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Ilfracombe	o	od	45	50	0.2	0.1	0.0
Bude	c	cd	?	50	-	(Trace)	0.1
Penzance	bc	co	42	53	-	-	2.0
Paignton	ocod	pmodm	35	53	-	Trace	1.7
Torquay	opor	dpod	38	52	-	Trace	1.1
Jersey	c	bc	40	50	-	-	2.0
Weymouth	c	c	43	51	-	-	0.5
Bournemouth ...	o	obco	36	51	-	-	0.5
Ventnor ...	bcu	cu	39	48	-	-	0.8
Portsmouth (S'thsea)	o	o	38	50	-	-	0.2
Bognor	bcc	c	36	49	-	-	0.1
Littlehampton ...	bcc	c	34	47	-	-	0.1
Worthing	c	c	33	49	Trace	-	0.2
Brighton	bec	ebc	38	47	-	-	0.3
Eastbourne	oco	oc	39	49	-	-	0.5
Hastings‖	xbcc	oco	37	49	0.2	-	0.3
Folkestone	xbcc	coc	35	48	-	-	0.3
Dover	bcc	c	39	48	-	-	0.5
Tunbridge Wells ...	o	o	34	48	-	-	0.4
Ramsgate	bcc	c	37	48	-	-	0.6
Margate	bc	c	32	49	-	-	0.2
Deal	bco	o	37	49	-	-	0.8

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 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.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24185. Thursday 9th February 1928. Page 1.

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	997.5	-3	SW	4	off	48	97	7	4000	Nb	10	-	10	•
Stornoway	1000.0	-5	SSW	6	oDD	51	97	6	2500	Nb	10	-	10	•
Wick	1003.1	-2	SW	3	c	51	97	8	1500	CuNb	6	CiSt	8	•
Tiree	1007.6	-3	SSW	8	od₀	50	97	5	<150	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1007.6	-3	SW	5	c	56	75	8	1500	Cu	4	ACu	9	2
Malin Head	1010.5	-5	SW	6	c	53	85	6	5700	StCu	9	-	9	•
Renfrew	1014.0	-2	SW	5	c	51	85	7	1500	StCu	10	-	10	2
Edinburgh (Inchkeith)	1011.8	-3	WSW	5	qb	50	92	8	1500	CuNb	~~8~~ 10	-	~~8~~ 10	
Leuchars	1010.8	-2	SW	6	c	52	75	8	1500	StCu	10	-	10	2
Eskdalemuir	1016.?	-3	SSW	7	odd	45	97	6	220	St	10	-	10	2
Tynemouth	1017.0	-3	WSW	6	bc	54	75	7	1500	Cu	3	Ci	5	•
Blacksod Point	1011.5	-2	SW	7	c	52	92	7	-	-	0	ASt	10	•
Donaghadee	1017.6	-4	WSW	6	c+	54	75	7	2500	Cu	8	-	8	•
Birr Castle	1019.6	•	S	4	c	55	75	7	2500	StCu	6	ACu	9	•
Holyhead	1023.4	-3	SSW	~~8~~ 5	o/m	48	97	5	450	St	10	-	10	1
Liverpool (Bidston)	1023.0	-2	SW	5	cv	53	75	9	4000	St	8	ACu	9	•
Chester (Sealand)	1024.3	-1	S'W	3	cv	53	75	9	2500	StCu	10	-	10	1
Harrogate	1021.8	-1	SW	5	cd	50	92	6	2500	Nb	4	ACu	8	•
Spurn Head	1028.3	-1	SW	6	bc	52	85	7	800	St	2	ACu	7	•
Birmingham (Edgbaston)	1027.3	-2	SW	4	c	50	85	8	2500	StCu	9	-	9	2
Cranwell	1026.1	-1	SW	5	c	51	92	6	1500	StCu	10	-	10	1
Gorleston	1027.3	0	SW'W	3	c	53	85	6	1500	Nb	10	-	10	•
Valentia (Cahirciveen)	1020.9	-4	S	6	c	54	85	8	1500	St	10	-	10	2
Roches Point	1024.7	-3	SW	4	c	51	97	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1027.4	-2	SW	6	fTo	48	97	-	450	St	10	-	10	•
Ross-on-Wye	1028.4	-1	WSW	4	c	50	85	7	2500	StCu	10	-	10	1
Leafield	1029.2	-1	SSW	4	odd	48	97	7	1500	Nb	10	-	10	2
Winchester (Worthy Dn)	1032.0	-1	SW	5	o	49	85	8	800	St	10	-	10	2
S. Farnborough	1031.6	-1	SW	5	o	50	85	8	800	St	10	-	10	2
London (Kew Obsy.)	1031.1	-1	SW	4	c	51	85	8	1500	StCu	9	ASt	10	2
Croydon	1031.3	-1	SW'W	4	c	51	85	7	800	St	10	-	10	2
Shoeburyness	1031.6	0	WSW	4	c	50	92	7	2500	StCu	8	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1029.9	0	SSW	5	o	50	85	6	1500	St	10	-	10	1
Lympne	1032.4	-1	SW'W	5	o	47	97	6	450	St	10	-	10	2
Scilly (St. Mary's)	1031.3	-1	SW	5	od₀	50	97	6	2500	St	10	-	10	•
Falmouth (Pendennis)	1032.5	-2	WNW	6	cd₀	49	97	6	1500	St	8	ASt	10	•
Plymouth (Cattewater)	1032.8	-2	SW	5	odd₀	48	97	6	<150	St	10	-	10	2
Portland Bill	1032.3	+1	SW	6	yd	48	92	6	1500	St	10	-	10	•
Southampton (Calshot)	1033.1	0	SW	5	odd	48	97	5	800	St	10	-	10	2
Dungeness	~~1030.6~~ 1037.6	0	SSW	5	oD⁻	46	97	5	800	~~Nb~~	10	Nb 10	10	•
Guernsey (Fort George)	1035.4	-1	SW	3	c+	46	85	8	2500	StCu	8	-	8	•

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

Stations	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	991.7	-6	SW	3	off	48	97	7	4000	Nb	10	-	10	•
Stornoway	994.0	-6	SW	6	oDD	50	97	6	2500	Nb	10	-	10	5
Wick	996.0	-8	SSW	3	c	46	97	8	2500	StCu	5	CiSt	8	0
Tiree	1000.4	-6	S'W	8	or	50	97	4	<150	Nb	10	-	10	8
Nairn	996.3	•	SSW	8	bc₀	51	85	8	4000	CuNb	7	-	7	•
Aberdeen	1002.7	-7	SSW	5	c	53	75	7	1500	Cu	7	ASt	8	3
Malin Head	1004.2	-6	SW	7	cd+	51	92	6	1500	St	6	ASt	10	6
Renfrew	1009.5	-9	SW	7	cd	51	85	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	1004.6	-10	WSW	8	bc	51	85	8	800	St	6	-	6	5
Leuchars	1004.8	-7	SW	8	c	52	75	7	1500	StCu	10	-	10	•
Eskdalemuir	1011.4	-6	SW S	8	or	46	92	3	450	St	10	-	10	•
Tynemouth	1012.6	-4	SW	7	bc	55	85	7	1500	Cu	4	-	4	2
Blacksod Point	1006.3	-5	SSW	8	o	52	92	6	•	Nb	10	-	10	8
Donaghadee	1012.4	-4	SW	7	c	~~48~~ 54	~~85~~ 76	7	2500	Cu	8	-	8	4
Birr Castle	1014.2	•	S	6	c	53	75	7	2500	StCu	9	-	9	•
Holyhead	1018.9	-5	SSW	6	o	48	92	6	450	St	10	-	10	4
Liverpool (Bidston)	1019.8	-5	WSW	6	cv	51	75	9	1500	CuNb	9	-	9	•
Chester (Sealand)	1020.6	-4	SW S	6	cv	53	75	9	2500	StCu	9	-	9	•
Harrogate	1018.9	-1	SW	5	c	50	85	6	2500	Nb	9	ASt	10	•
Spurn Head	1020.3	-2	SW	6	c	49	92	7	2500	StCu	10	-	10	3
Birmingham (Edgbaston)	1024.3	-3	SSW	4	c	50	85	8	2500	StCu	9	-	9	•
Cranwell	1023.9	-3	SW	5	c	50	85	7	2500	StCu	10	-	10	•
Gorleston	1026.4	-1	SW	4	c	50	85	6	2500	Nb	10	-	10	1
Valentia (Cahirciveen)	1016.8	-4	S	7	cD	51	92	6	800	St	7	ASt	10	4
Roches Point	1021.3	-4	SW	5	c	48	97	8	1500	StCu	10	-	10	6
Pembroke (St. Ann's H.)	1023.7	-3	SW	6	of	48	92	8	800	St	10	-	10	5
Ross-on-Wye	1025.6	-3	SW	4	cd₀	50	85	7	2500	StCu	10	-	10	•
Leafield	1026.2	-3	SSW	4	oD₀	47	97	6	800	Nb	10	-	10	•
Winchester (Worthy Dn)	1029.8	-2	SSW	5	odd	48	97	5	450	Nb	10	-	10	•
S. Farnborough	1029.4	-2	SW	5	od₀	48	92	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1029.0	-3	SW	4	c₀	49	85	6	1500	StCu	8	ASt	10	•
Croydon	1029.3	-3	SW S	4	od₀	48	92	6	450	St	10	-	10	•
Shoeburyness	1029.2	-2	WSW	4	o	48	97	6	2500	St	10	-	10	•
Clacton-on-Sea	1028.4	-2	WSW	4	c	47	92	7	4000	StCu	8	-	8	3
Felixstowe	1028.3	-2	SSW	4	c	47	92	6	1500	St	8	-	8	3
Lympne	1030.7	-3	SW S	6	o/d	45	97	5	450	St	10	-	10	•
Scilly (St. Mary's)	1028.2	-3	SSW	5	cd₀	50	97	7	4000	StCu	10	-	10	5
Falmouth (Pendennis)	1029.9	-1	SW	6	cd₀	50	92	7	2500	St	6	ASt	9	4
Plymouth (Cattewater)	1030.4	-2	SW	5	c	49	97	7	800	Nb	10	-	10	5
Portland Bill	1030.3	-2	SW	5	odd₀	48	97	6	1500	Nb	10	-	10	5
Southampton (Calshot)	1031.0	-2	SW	5	o₀	48	92	7	800	St	10	-	10	5
Dungeness	1030.8	-3	WSW	5	c⁻	47	92	6	2500	StCu	9	-	9	5
Guernsey (Fort George)	1033.7	-2	SW	4	c	48	85	8	2500	StCu	8	-	8	3

London Observations. (Kew, Croydon: 24 hours ended 7h.)

Station	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. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h
Kew	18	c	cm	cGcqqt	52	49	45	-	2	0.2	*	*	6
Croydon	244	cm,d,d	cm,r	pd,d,co	51	47	46	Tr.	06	0.0	*	*	6
Greenwich (Royal Obsy.)	149	cd₀	cd₀	cdcgrc	52	46	40	Tr.	03	0.0	88	57	5
City (Bunhill Row)	80			*	*	*	*	*	*	0.0	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	52	45	39	9·0		0.0	81	89	*
Regent's Pk. (Botanic Gdns).	188	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	oc	c	*	50	46	42	-	1	*	*	68	*
Kensington Palace	80	o	o	*	52	47	*	-	1	*	(At 18h) 85	55	*
Hampstead Observatory	450	*	*	*	49	42	33	Tr.	05	0.0	*	71	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre. 24 Hr. ended 7h. G.M.T. 9th

	Max.	Time.	Min.	Time.
South Kensington	0.4	2h 8th	<0.3	4h 9th
Kew Observatory	<0.3	whole period.		

Pole Star Record at Greenwich Obsy. Exposure from 8th 18 h 15 m. to 9th 6 h 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12.0	0.24	3
δ Ursae Minoris	12.0	0.13	2

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

Table showing the Greenwich times of Sunrise, Noon, and Sunset. 9th-10th February, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·26 / 7·24	12·7 / 12·7	16·50 / 16·52
Greenwich	7·29 / 7·28	12·14 / 12·14	17·0 / 17·2
Wick	8·5 / 8·3	12·27 / 12·27	16·49 / 16·51
Valentia	8·12 / 8·10	12·55 / 12·55	17·40 / 17·41

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:—b/r = fair weather after rain; − = has decreased; + = has increased.

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

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.

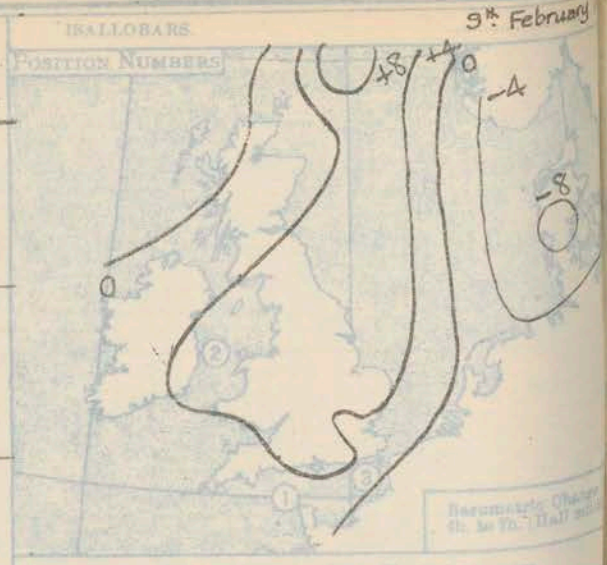
Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 miles.	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 9th	13h.-18h. 9th	18h. 9th to 1h. 9th	1h.-7h. 9th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 8th Hours.
Lerwick	orr	orr	oircq	airRcq	49	38	•	9	<8.00	21	<21.00	0.0
Stornoway	r-d	r-d	h-rh	cpnt	52	37	•	17	"	5	"	5.0
Wick	c	c	cprc	PSrr	53	35	•	—	—	3	24.00	•
Tiree	bdom	orrw	pr.oq	bpr.c	50	39	35	1	<8.00	0.6	<21.00	0.0
Nairn	bcjq	bcq	bcqPk	cq	54	37	•	—	—	4	<21.00	2.6
Aberdeen	c	cqpr	cq	bcqbq	56	40	36	Trace	16.30	-	-	0.6
Malin Head	cq	ce3	cdcrbc	bcHTHbc	53	38	•	Trace	17.30	5	<21.00	0.0
Renfrew	cq	cqr	o.rrRcq	cprbcq	52	37	34	0.5	16.30	5	<21.00	0.4
Edinburgh(Inchkeith)	cdq	cbc	bco	prsbc	52	37	35	Trace	12.30	1	24.00	0.3
Leuchars	cidcq	bcq	prcq	PRcq	53	37	33	Trace	9.00	2	22.00	0.0
Eskdalemuir	cdmom	cdpbf	orrf	bcq	48	36	35	9	<8.00	16	<21.00	0.0
Tynemouth	cbcq	bcq	bcq	bcq	54	40	35	—	—	-	-	•
Blacksod Point ...	do	DDq	po	pcpr	53	35	•	1	"	2	"	•
Donaghadee	bcc	cq	cqpr	ocbq	55	38	•	—	—	0.6	<21.00	•
Birr Castle	c	c	cPc	c	55	39	34	—	—	3	22.00	0.1
Holyhead	w	oprd	qwcw	cbqr6	48	42	40	0.1	16.30	2	22.00	0.0
Liverpool (Bidston)...	cbecv	cvq	vcq	pcq	53	41	37	0.4	1.30	0.4	1.30	2.0
Chester (Sealand) ...	becv	cv	cq	Crqrrq	54	43	39	—	—	0.4	1.30	0.3
Harrogate	cbeid	cid	cqbdr	cbq	53	38	35	0.3	<8.00	0.4	<21.00	2.8
Spurn Head	bc	c	c	cqpr	53	44	•	—	—	0.2	3.30	2.5
Birmingham(Edgbaston)	c	c	cr	cprbq	51	41	36	—	—	2	22.00	0.0
Cranwell	c	c	c	cbc	53	40	38	—	—	1	4.30	1.7
Gorleston	cq	cq	cq	cqprr	54	45	43	—	—	1	5.30	1.8
Valentia(Cahirciveen)	o	oid	oidro	oco	54	44	41	0.2	17.30	2	<21.00	0.0
Roches Point	odc	c	corr	c	53	40	•	0.1	<8.00	3	22.00	
Pembroke(St.Ann's H.)	ofpc	ire	oddm	crbbc	49	42	•	0.1	—	2	24.00	0.0
Ross-on-Wye	c	c	codqfq	cqbic	51	43	37	—	—	1	<21.00	0.2
Leafield	odd	oidD	odc	corbc	49	41	37	1	<8.00	1	<21.00	0.0
Winchester (Worthy Dn)	coco	oddm	oddd	ocpr	49	47	43	0.1	13.30	1	<21.00	0.0
S Farnborough ...	odmco	odq	oddo	o	50	47	41	Trace	9.00	1	<21.00	0.0
London (Kew Obsy.)...	c	cim	cr	cqcrc	52	49	45	—	—	2	<21.00	0.2
Croydon	mdd	cmir	cddco	odr	51	47	46	Trace	9.00	0.6	<21.00	0.0
Shoeburyness... ...	o	o	od	od	51	41	41	—	—	Trace	24.00	0.0
Clacton-on-Sea ...	co	oc	c	cbc	51	45	43	—	—	-	"	0.2
Felixstowe	ocom	ocm	crc	Crq	51	47	45	—	—	Trace	<21.00	1.0
Lympne	odm	oddm	ocm	coddf	48	44	44	0.2	<8.00	0.2	5.30	0.0
Scilly (St. Mary's) ...	eid	cimd	oidc	cnr	50	47	•	0.2	11.00	1	<21.00	0.2
Falmouth (Pendennis)	cdqc	cdmq	cmdq	cdmq	50	47	•	0.6	<8.00	2	<21.00	0.0
Plymouth(Cattewater)	cqmdd	cqdm	omqd	orrc	49	48	45	0.3	<8.00	1	<21.00	0.0
Portland Bill	odcco	oid	oidcz	coid	48	47	•	Trace	<8.00	Trace	<21.00	
Southampton(Calshot)	odeid	cdc	cidm	cidmqc	48	47	46	0.2	<8.00	0.4	<21.00	0.0
Dungeness	odd	dc	c	codd	47	46	•	0.1	<8.00	0.5	3.30	•
Guernsey	cbccq	cq	cbcc	coddqm	49	47	•	—	—	0.6	4.30	2.7



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	8th 10h	Scoria	SSW	6	C+	51	47
3	9th 2h	Arundel	WSW	6	C-	48	48

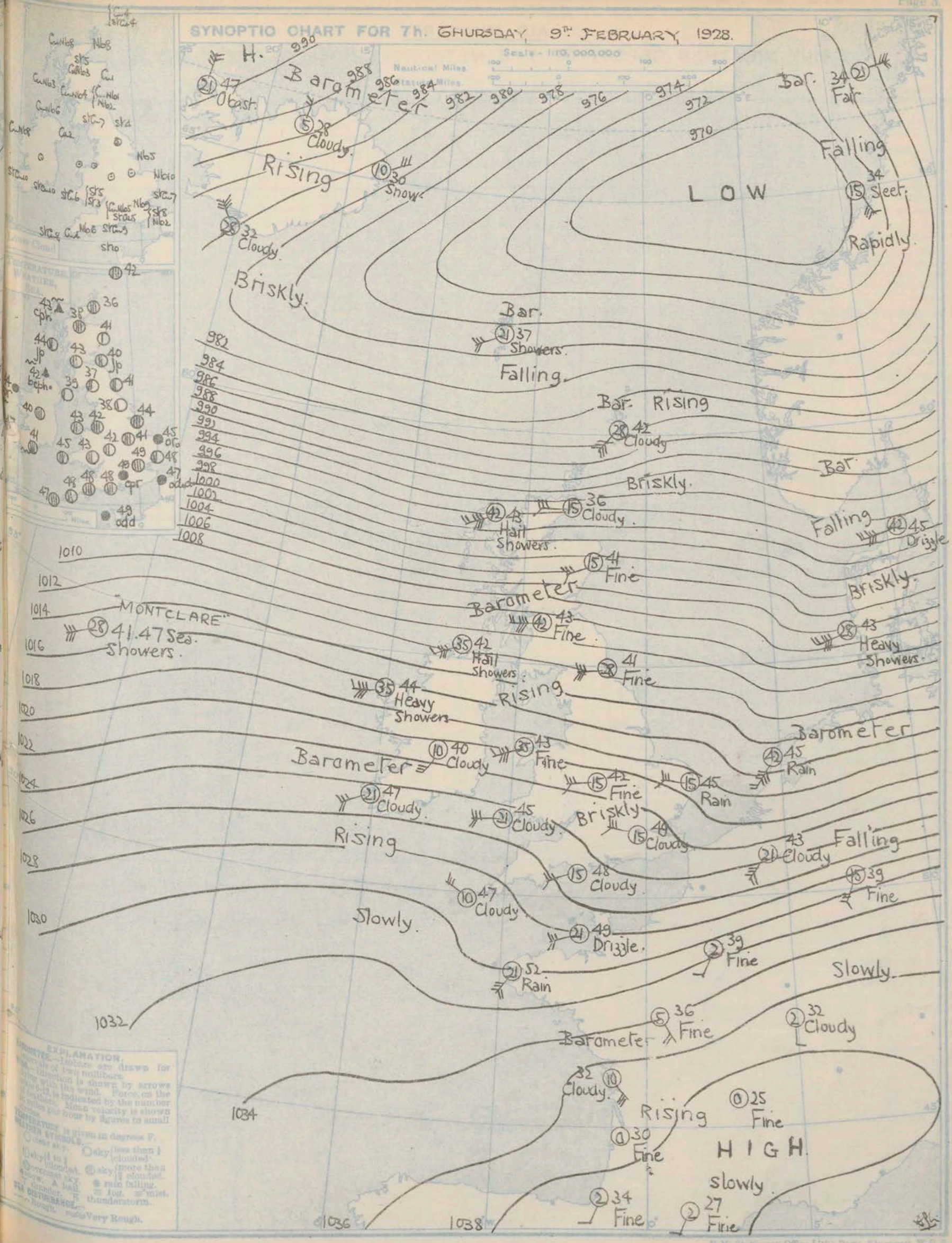
GENERAL INFERENCE.

A depression centred near the Faeroes is moving east, and secondaries are crossing the British Isles. The anticyclone is maintained over France but with some reduction in intensity. Winds will be mainly westerly, strong to a gale at first in the North, but less strong in the South. Showers will occur generally, but there will be bright periods, and temperature will be lower than of late.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 9th February, 1928.	Further Outlook.
1. S.E. England ▼	Moderate to strong, westerly winds; squally; bright intervals; occasional rain or hail; moderate temperature, ground frost locally at night.	Unsettled.
2. E. England ▼		
3. E. Midlands	Westerly winds, strong to gale locally; bright intervals but some rain or hail showers; sleet or snow on high ground; rather low to moderate temperature.	
4. W. Midlands		
5. S.W. England ▼		
6. South Wales ▼	Westerly winds, moderate to strong, backing and freshening tomorrow; bright intervals with local rain and hail today, rain tomorrow; moderate temperature.	
7. North Wales ▼		
8. N.W. England ▼		
9. N. Midlands	Westerly winds, backing, strong to gale at times; rain or hail showers and bright intervals today, dull and rainy tomorrow, snow or sleet on hills; rather low to moderate temperature.	▼ South Cone still flying
10. N.E. England ▼		
11. S.E. Scotland ▼		
12. S.W. Scotland & Isle of Man		
13. A. W. Scotland ▼ B. NW. Scotland ▼	Westerly winds, veering temporarily, backing later, gale locally; some rain, sleet or snow but occasional bright intervals; rather low to moderate temperature.	
14. Mid-Scotland		
15. N.E. Scotland ▼		
16. Orkneys and Shetlands ▼		
17. N.W. Ireland ▼	As 7 - 13A.	
18. N.E. Ireland ▼		
19. S.E. Ireland ▼	As 5 - 6	
20. S.W. Ireland ▼		

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

Fs 351/1633. wc.103 2/5115. 32053X. 2/28. ‡ For code see page 1 †Trace = rain has fallen, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. THURSDAY, 9th FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
H.
Barometer
Rising
Briskly.
Bar.
Falling
Rapidly.
LOW
Falling
Bar. Rising
Briskly.
Bar.
Falling
Briskly.
Barometer
Rising
Barometer
Briskly
Falling
Slowly.
Slowly.
Barometer
Rising
HIGH
slowly
"MONTCLARE"
Obscr.
Cloudy.
Showers
Cloudy.
Briskly.
Showers.
Falling
Hail Showers.
Fine
Fine
Hail Showers.
Heavy Showers
Heavy Showers
Cloudy
Fine
Rain
Cloudy.
Cloudy.
Cloudy
Cloudy
Cloudy
Fine
Drizzle.
Rain
Fine
Cloudy
Fine
Cloudy.
Fine
Fine
Fine
Fine
EXPLANATION.
BAROMETER.—Isobars are drawn for every 2 millibars.
WIND.—Direction is shown by arrows flying with the wind. Force on the Beaufort scale 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.
Lightning. ▲ hail. ⊥ fog. ≡ mist.
Thunder. ⚡ thunderstorm.
SEA DISTURBANCE.
Very Rough.
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION.........Thursday, 9th February.....1928. No. 40...

STATIONS.	Height above M.S.L. in feet.	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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	54	980·7	-11	SW	6	c/p	48	92	7	4000	CuNb	4	ASt	8	983·3	+8	SW	6	c	42	75	7	4000	Cu	8	-	8	*
Stornoway	30	993·6	-3	NW	6	c/PH	*	*	7	*	*	*	*	8	992·5	0	WSW	8	c/PH	43	85	6	4000	CuNb	8	-	8	7
Wick	81	988·7	-5	W	7	c	44	85	8	1500	Nb	5	CiSt	8	994·7	+3	W	4	c/r	36	97	8	1500	Nb	8	CiSt	10	3
Tiree	32	*	*	*	*	*	*	*	*	*	*	*	*	*	1004·3	0	W	8	bc/p	44	65	8	2500	CuNb	3	-	3	8
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*	998·0	*	WSW	5	c/r	38	85	8	1500	St	3	-	8	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*	1000·4	+2	SWW	4	b	41	65	8	1500	Cu	1	Ci	1	3
Malin Head	51	1007·4	+8	WSW	7	bc/pR	41	75	7	4000	CuNb	3	ACu	3	1010·1	+2	WSW	7	bc/pR	42	75	7	4000	CuNb	6	-	6	7
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*	1008·1	0	W	8	bc	43	65	7	1500	CuNb	4	-	4	*
Edinburgh (Inchkeith)	190	1000·5	0	WSW	9	or₀	44	75	8	800	Nb	10	-	10	1005·4	+5	WSW	7	bc/p	40	75	8	800	Nb	3	-	3	4
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1006·2	+3	WSW	7	bc/r	37	82	8	1500	StCu	2	Ci	3	*
Eskdalemuir	704	*	*	*	*	*	*	*	*	*	*	*	*	*	1012·2	+4	SW	5	bc	37	92	7	2500	StCu	7	-	7	*
Tynemouth	87	1004·7	-5	SW	6	bc	50	85	7	1500	Cu	6	-	6	1011·2	+7	W	6	bc	41	75	7	800	St	4	-	4	2
Blacksod Point ...	18	1014·7	+5	WSW	7	c	42	75	7	*	CuNb	10	-	10	1016·7	+2	W	7	c/pR	44	75	7	*	CuNb	8	-	8	7
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*	1014·9 (corrected in red)	+3	W	7	b-	39	65	8	4000	Cu	2	-	2	3
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*	1020·8	*	SW	3	c	40	85	7	-	-	0	ASt	9	*
Holyhead	26	1014·7	0	W'S	6	o/r	41	76	7	4000	StCu	10	-	10	1020·0	+5	WSW	7	bc	43	65	8	-	-	0	CiSt	6	5
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*	1019·1	+6	W'S	7	c	42	65	7	-	-	0	ACu	9	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*	1019·6	+6	W'S	6	c	43	55	8	2500	StCu	10	-	10	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*	1017·8	+6	SW	4	b	38	75	8	-	-	0	ACu	2	*
Spurn Head	29	1011·9	-8	SW	6	c	49	85	7	4000	CuNb	4	ASt	9	1015·9	+7	WN	7	c	44	75	7	4000	Nb	5	ASt	10	*
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*	1022·3	+4	W	4	bc-	42	55	8	-	-	0	Ci	1	*
Cranwell	236	1016·3	-7	SW	6	c	49	85	6	1500	StCu	10	-	10	1023·0	+5	W	5	c	41	75	6	-	-	0	ASt	10	*
Gorleston	14	1019·4	-6	SW	6	c	50	85	7	2500	Nb	6	ASt	10	1018·8	+1	WNW	4	or₀	45	85	7	2500	Nb	10	-	10	1
Valentia (Cahirciveen) ₱	30	1021·3	-5	SW	6	or	47	85	6	-	St	10	-	10	1026·2	+2	WSW	5	c	47	65	8	2500	StCu	10	-	10	4
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*	1025·4	+4	SW	2	c	41	97 (corrected in red)	8	1500	StCu	10	-	10	6
Pembroke (St. Ann's H.)	150	1018·8	-3	SW	7	orr	48	97	6	800	St	10	-	10	1024·1	+6	W	5	c+	45	75	7	1500	StCu	10	ASt	9	5
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·0	+5	W	3	bc+	43	65	8	4000	Cu	1	Ci	6	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*	1022·5	+6	WNW	4	bc[illegible]	42	65	8	2500	St	2	ASt	4	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*	1024·5	+3	W	4	c	47	85	7	2500	St	9	-	9	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*	1023·3	+2	W	4	c/pR	49	85 (corrected in red)	8	1500	CuNb	10	-	10	*
London (Kew Obsy.) ...	18	*	*	*	*	*	50	*	*	*	*	*	*	*	1023·3	+4	WN	4	c/r	49	75	6	2500	Nb	9	ASt	10	*
Croydon	244	1023·2	-6	SWW	5	o	49	85	7	800	St	10	-	10	1022·6	+3	W'S	4	c/r	49	92	7	800	St	7	ASt	9	
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*	1022·1	-1	WSW	5	cd₀	50	97	7	800	St	8	ASt	10	3
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*	1020·4	-1	WSW	5	bc	48	92	7	5700	StCu	7	-	7	4
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*	1020·9	+1	SSW	5	cr₀	50	92	6	1500	StCu	10	-	10	*
Lympne	350	1024·2	-6	SW'S	6	c	45	92	6	800	St	10	-	10	1023·3	+1	SW'S	5	odd	46	97	1	150	St	10	-	10	*
Scilly (St. Mary's) ...	168	1024·1	-4	SW	6	cr	50	97	6	2500	Nb	10	-	10	1026·8	+2	NWW	3	c	47	85	8	4000	StCu	8	-	8	*
Falmouth (Pendennis)	200	1025·8	-3	W'S	7	cd₀	51	92	6	1500	St	7	ASt	10	1027·7	+1	WNW	3	bc-	48	75	8	2500	Cu	4	ACu	6	1
Plymouth (Cattewater)	88	*	*	*	*	*	*	*	*	*	*	*	*	*	1026·9	+4	NW	3	c-	48	75	8	1500	Nb	6	CiCu	8	2
Portland Bill	32	1024·1	-4	SW'S	7	c-	50	85	6	1600	St	3	ASt	9	1024·2	+4	WSW	4	c/d	48	92	8	2500	StCu	9	-	9	5
Southampton (Calshot)	10	1025·0	-6	SWW	7	cd₀+	48	92	6	800	Nb	9	-	9	1025·1	+3	NWW	4	c/d	48	92	7	1500	St	6	ASt	8	3
Dungeness	30	1024·8	-7	WSW	5 (7 corrected in red)	c	47	92	7	1500	Cu	6	ACu	5	1022·8	0	SW	6	od₀d₀	47	97	6	150	St	10	-	10	5
Guernsey (Fort George) ₱	205	1029·0	-5	SW	4	c	48	85	7	4000	StCu	8	-	8	1028·1	0	WSW	5	odd	49	97	5	450	St	10	-	10	5

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

STATIONS. (1)	Weather Forenoon. (2)	Weather Afternoon. (3)	Temperature Min. 9h. 7th to 9h. 8th (4) °F.	Temperature Max. 9h.-17h. 8th (5) °F.	Rainfall† Night 17h.-9h. 7th-8th (6) mm.	Rainfall† Day 9h.-17h. 8th (7) mm.	Sunshine Sunrise to Sunset 8th (8) hr.
Berwick-on-Tweed	c	c	47	52	-	-	0·0
Douglas (I. o. M.) ...	c	o	46	50	-	-	0·8
Llandudno ...	c	cbcc	48	53	0·1	-	1·0
Colwyn Bay ...	cocb	bbcc	50	57	-	-	1·8
Rhyl...	bc	bcc	48	53	-	-	2·0
Wallasey	bcc	bcc	47	55	Trace	-	1·4
Southport	bccd	o	*46	52	-	-	0·6
Blackpool	oc	o	45	48	0·1	-	0·1
Ilkley	cpco	o	46	53	3	0·4	0·0
Cleethorpes... ...	b	c	45	56	-	-	2·6
Skegness	bccbc	bcc	43	55	Trace	-	4·0
Aberystwyth ...	rc	co	46	50	2	-	0·0
Bath	c	cd₀	45	53	1	Trace	0·0
Cheltenham‡ ...	cd₀c	od₀c	46	50	0·5	0·3	0·0
Leamington Spa ...	c	bc	45	(52) (in red)	0·3	-	0·7
Lowestoft	cbcc	cbcc	40	55	-	-	2·0
Felixstowe	bcc	ccm	40	52	Trace	-	0·6
Harwich & Dovercourt	bc	sc	43	52	-	-	1·1
Southend	o	o	42	48	-	-	0·0
Ilfracombe	o	odo	48	51	2	0·2	0·0
Bude	od	od	48	51	3	0·3	0·0
Penzance	omd	or₀d	48	53	2	0·3	0·0
Paignton	odm	odm	48	50	3	0·5	0·0
Torquay	odm	od₀pdm	48	50	2	0·4	5·5
Jersey	bc	o	45	51	Trace	-	0·1
Weymouth	c	cod₀	48	50	1	0·1	0·0
Bournemouth ...	o	o	46	49	0·3	-	0·0
Ventnor ...	odm	odm	45	48	0·3	0·3	0·0
Portsmouth (S'thsea)	od₀d	od₀o	47	49	Trace	0·5	0·0
Bognor	od₀	od₀	46	47	1	0·3	0·0
Littlehampton ...	od₀	o	45	46	1	0·1	0·0
Worthing	od (struck out in red)	ocd₀ (d₀ in red)	45	47	1	Trace	0·0
Brighton	ood	o	45	47	1	Trace	0·0
Eastbourne‡... ...	d₀d₀	d₀d₀oc	46	48	2	0·1	0·0
Hastings‖	ofdm	oodoe	45	48	1	1	0·0
Folkestone	omd₀	ome	43	49	-	Trace	0·0
Dover	oid₀	oid₀	45	48	Trace	Trace	0·0
Tunbridge Wells ...	o	o	44	49	Trace	-	0·0
Ramsgate	c	c	44	50	-	-	0·0
Margate	c	c	44	51	-	-	0·0
Deal	o	o	44	50	-	-	

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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. B24186 Friday 10th February 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	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.
Lerwick	979.4	-5	SW	4	orr	40	97	7	4000	Nb	10	-	10	•
Stornoway	996.8	+10	NW	8	bc/PH	42	97	6	4000	CuNb	7	-	7	•
Wick	992.9	-2	SW	8	c	44	92	8	1500	Nb	6	CiSt	8	•
Tiree	1006.0	+1	W	8	b	47	65	8	1500	Cu	2	-	2	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1000.0	-3	WSW	6	b	46	55	8	2500	CuNb	1	-	1	1
Malin Head	1012.0	+2	WNW	7	bc/PH	46	65	7	4000	CuNb	6	-	6	•
Renfrew	1009.2	+1	W	7	bc/pr	44	75	8	1500	CuNb	6	-	6	2
Edinburgh (Inchkeith)	1005.5	-1	WSW	8	bc	43	65	8	-	-	0	ACu	4	•
Leuchars	1005.5	0	W	6	cr	43	75	8	1500	CuNb	8	ACu	8	2
Eskdalemuir	1011.9	0	WSW	7	cr°	41	65	7	2500	St	9	-	9	2
Tynemouth	1013.2	+2	W	6	bc	45	65	7	1500	Cu	4	-	4	•
Blacksod Point	1018.0	+1	WSW	6	c	46	65	8	-	CuNb	8	-	8	•
Donaghadee	1015.5	+1	W	7	bc+	44	65	8	4000	Cu	2	CiSt	5	•
Birr Castle	1021.1	•	SW	4	c	45	75	7	1500	Cu	2	ASt	10	•
Holyhead	1021.0	0	SWS	6	c⊕	45	75	7	2500	StCu	1	CiSt	10	1
Liverpool (Bidston)	1019.3	-1	W'S	7	c	45	55	8	-	-	0	ASt	9	•
Chester (Sealand)	1020.4	0	WSW	5	c	47	55	8	4000	Cu	1	CiSt	10	1
Harrogate	1016.2	0	SW	7	c	42	65	7	2500	Nb	8	ASt	9	•
Spurn Head	1017.3	-1	W	7	bc	45	65	7	-	-	0	CiSt	6	•
Birmingham (Edgbaston)	1023.2	-2	W	5	bc	47	45	8	4000	Cu	4	-	4	2
Cranwell	1021.8	0	W'S	6	bc	46	75	7	2500	Cu	1	Ci	4	1
Gorleston	1021.9	+2	W	4	bc	48	97	7	-	-	0	Ci	6	•
Valentia (Cahirciveen)	1025.1	-1	SW'W	4	c	48	65	8	2500	St	8	ASt	10	1
Roches Point	1025.5	-1	SW	2	c	47	85	8	1500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1025.7	+1	WNW	4	c	47	85	7	-	-	0	ASt	9	•
Ross-on-Wye	1024.1	0	W'S	4	c+	47	65	8	4000	Cu	1	CiSt	9	1
Leafield	1024.3	0	WSW	4	bc+	45	65	8	4000	Cu	3	ASt	7	2
Winchester (Worthy Dn.)	1026.5	0	WSW	4	c	47	65	7	2500	Cu	5	CiSt	8	2
S. Farnborough	1025.7	0	W	4	c	43	65	7	2500	Cu	3	ASt	9	2
London (Kew Obsy.)	1025.6	-1	W'S	4	bc	48	45	7	2500	Cu	1	Ci	7	2
Croydon	1025.4	-1	W	4	c	48	55	7	2500	~~St~~ Cu	2	ACu	8	2
Shoeburyness	1024.9	+1	W'S	5	bc	49	65	6	2500	St	3	ASt	4	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1024.2	+1	WSW	4	c	48	55	8	-	-	0	CiSt	8	1
Lympne	1025.3	-1	SSW	4	bc	49	65	8	4000	Cu	2	ACu	6	2
Scilly (St. Mary's)	1028.2	+1	WSW	1	c	49	75	7	4000	StCu	8	-	8	•
Falmouth (Pendennis)	1028.7	+1	W	3	c+	49	65	7	2500	Cu	2	ASt	10	•
Plymouth (Cattewater)	1028.0	-1	W	3	c	48	55	8	2500	Nb	8	~~ASt~~	9	2
Portland Bill	1027.2	+1	SSW	4	c	47	75	6	2500	StCu	10	-	10	•
Southampton (Calshot)	1026.9	0	W	4	c	49	55	7	4000	StCu	6	ASt	9	0
Dungeness	~~1027.6~~ 1024.6	+1	W	3	bc	50	75	7	1500	Cu	1	ACu	6	•
Guernsey (Fort George)	1029.1	-2	W	2	cd₀	47	85	6	800	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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	985.3	+7	SW	6	or	42	97	7	4000	Nb	10	-	10	•
Stornoway	1000.3	+4	WNW	7	bc/PH	42	92	6	4000	CuNb	7	-	7	6
Wick	998.8	+5	W	6	c	40	92	8	1500	Nb	6	Ci	8	4
Tiree	1008.1	+1	W'S	7	bc	43	75	8	1500	Cu	3	CiCu	5	7
Nairn	1002.3	•	WSW	6	c/r	41	85	8	1500	St	8	-	8	•
Aberdeen	1003.0	+4	WSW	4	b	41	65	7	-	-	0	CiSt	1	0
Malin Head	1012.4	+1	W	6	bc/PH	42	92	7	4000	CuNb	5	-	5	7
Renfrew	1010.6	+3	W	6	bc/p	40	85	8	1500	CuNb	6	-	6	•
Edinburgh (Inchkeith)	1007.1	+2	WSW	8	b	40	85	8	800	St	2	-	2	5
Leuchars	1006.5	+2	W	6	b	40	75	8	2500	StCu	<1	Ci	1	•
Eskdalemuir	1012.5	0	WSW	6	bc	39	75	7	1500	StCu	7	-	7	•
Tynemouth	1013.4	+2	WSW	4	bc/r	39	92	7	600	St	4	-	4	2
Blacksod Point	1017.2	-1	W	5	bc	45	75	8	•	CuNb	7	-	7	5
Donaghadee	1016.1	+1	W	5	bc	42	75	8	4000	StCu	7	-	3	5
Birr Castle	1019.6	•	SW	2	bc	41	85	7	2500	Cu	1	CiCu	3	•
Holyhead	1019.5	-2	SWS	4	bc	44	85	6	4000	StCu	4	CiSt	7	4
Liverpool (Bidston)	1019.3	0	W'S	4	c+	44	65	8	2500	StCu	2	ASt	8	•
Chester (Sealand)	1019.3	-1	SW	4	bc	45	65	7	-	-	0	Ci	7	•
Harrogate	1017.6	-1	SW	6	c/r	41	85	7	2500	Nb	3	ASt	10	•
Spurn Head	1016.2	-1	WSW	6	c	43	85	7	-	-	0	ASt	9	4
Birmingham (Edgbaston)	1021.9	-1	WSW	3	c+	43	55	8	-	-	0	ASt	9	•
Cranwell	1021.7	0	WSW	4	c	43	75	7	4000	StCu	6	ASt	10	•
Gorleston	1020.9	-1	WSW	3	c	44	65	7	-	-	0	ASt	8	0
Valentia (Cahirciveen)	1021.4	-3	SW	3	c/pc	44	85	8	2500	St	10	ASt	10	4
Roches Point	1022.3	-2	SW	2	c	45	92	8	2500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1023.0	-2	SW'W	3	c	46	92	7	1500	StCu	7	ASt	9	2
Ross-on-Wye	1022.3	-1	W'S	3	c	44	75	6	-	-	0	CiSt	9	•
Leafield	1025.1	-2	SW'W	3	o+	41	85	8	2500	St	10	-	10	•
Winchester (Worthy Dn.)	1025.1	-2	W'S	2	c	43	75	7	1500	StCu	6	ASt	10	•
S. Farnborough	1024.6	-1	W	3	c	44	65	7	2500	St	9	ASt	10	•
London (Kew Obsy.)	1024.5	-1	WSW	3	c	45	65	6	-	-	0	ACu	10	•
Croydon	1024.5	-1	W'S	3	c	44	65	6	-	-	0	ASt	10	•
Shoeburyness	1023.4	0	W'S	2	o	44	85	6	1500	St	10	-	10	•
Clacton-on-Sea	1023.2	-1	WSW	4	c	44	75	6	4000	StCu	8	-	8	2
Felixstowe	1023.3	-1	SSW	3	c	43	75	8	-	-	0	Ci	9	1
Lympne	1025.4	+1	WSW	3	c	43	85	7	4000	StCu	9	ASt	10	•
Scilly (St. Mary's)	1025.4	-2	SW	2	c	47	75	7	4000	StCu	10	-	10	1
Falmouth (Pendennis)	1026.0	-3	W	2	c	47	85	7	4000	StCu	10	-	10	0
Plymouth (Cattewater)	1025.3	-2	W	3	c	47	75	6	1500	Nb	9	ASt	10	1
Portland Bill	1024.8	-1	WSW	3	c	47	75	6	2500	StCu	10	-	10	1
Southampton (Calshot)	1025.8	-1	W'S	3	c	45	85	7	4000	StCu	6	ASt	10	0
Dungeness	1024.7	-1	WSW	3	cdd	45	92	7	600	Nb	10	-	10	3
Guernsey (Fort George)	1026.8	-4	-	0	orr°	45	97	2	220	Nb	10	-	10	3

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Temp. Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew / Croydon } 24 hours ended 7h.	18	cmbcy	bcyc	cbcxcw	49	36	29	-	Tr.	1·3	*	*	6
	244	oz₀	c	czpcw	50	37	34	-	-	2·1	*	*	6
Greenwich (Royal Obsy.)	149	cbcy	bccy	cbwc	51	35	26	-	-	1·6	66	87	5
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1·4	*	*	*
Westminster (St. James' Pk.)	27	*	*	*						1·5			
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	1·1	*	*	*
Camden Square	110	cb	bc	*	48	39	32	-	-	*	*	94	*
Kensington Palace	80	bco	o	*	50	38	*	-	-	*	(At 18h) 81	91	*
Hampstead Observatory	450	*	*	*	48	34	24	-	-	1·8	*	94	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
0·5	10h. 9th	<0·3	6h. 10th

Kew Observatory Max.	Time.	Min.	Time.
<0·3 whole period.			

POLE STAR RECORD at Greenwich Obsy.

Exposure from 9th 18 h. 15 m. to 10th 6 h. 15 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	12·00	7·04	59
δ Ursæ Minoris	12·00	6·58	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.

10th & 11th February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·24 7·22	12·7 12·7	16·52 16·54
Greenwich	7·28 7·25	12·14 12·14	17·2 17·4
Wick	8·3 8·1	12·27 12·27	16·51 16·54
Valentia	8·10 8·8	12·55 12·55	17·41 17·43

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
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.

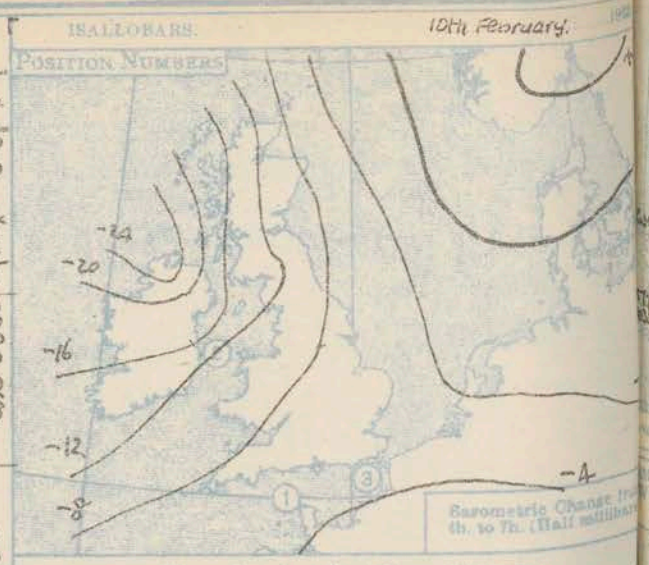
Code	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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	Weather. 13h.-18h. 9th	Weather. 18h. 9th to 1h. 10th	Weather. 1h.-7h. 10th	Temperature. Max. Day. 7h.-18h.	Temperature. Min. Night. 18h.-7h.	Temperature. Min. on Grass	Rainfall.† Day. mm.	Rainfall.† Day. 7h.-18h. began.	Rainfall.† Night. mm.	Rainfall.† Night. 18h.-7h. began.	Sun 9th. Hours.
Lerwick	oirhq	oiPHRq	ciphrbd	cbc	43	34	·	9	18.00	0.4	21.00	0.0
Stornoway	clcprh	h-rh	c	p	45	36	·		*	6	*	0.0
Wick	cprd	cprsc	cprlprs	c	45	33	36	2	9.00	4	21.00	·
Tiree	prcq	bccq	prc	cqddo	47	40	28	0.2	18.00	1	21.00	3.4
Nairn	cPHd	cbeqph	cpbcx	bc	45	36	·	3	18.00	0.5	21.00	1.2
Aberdeen	bq,y	bq,y,b	b	bcem	47	35	30	–	–	–	–	6.5
Malin Head	bcbhPHR	bcPHR	bcTLRH	c	46	40	·	7	18.00	2	21.00	3.2
Renfrew	bcq,pr	bcq,pr	bcqp,c	cor	45	40	37	2	18.00	0.2	21.00	3.6
Edinburgh (Inchkeith)	bcq	bcp	bq	c	43	39	36	2	18.00	Trace	21.00	0.0
Leuchars	bcebrq	bbcq	bbc	bcc	46	36	33	3	18.00	–	–	4.2
Eskdalemuir	bccpc	cprbcl	cprprsbc	bcc	47	34	32	2	11.00	5	21.00	0.8
Tynemouth	bcq	bbcirq	cir,bcq	bc	47	39	33	2	15.30	1	21.00	·
Blacksod Point ...	phq,c	phc	phqo	ptlo	48	36	·	2	·	4	*	·
Donaghadee	bbcq	bcq	bbc	bcc	46	38	·	–	–	–	–	·
Birr Castle	c	bcpr	bcpor	cro	46	36	31	Trace	16.30	1	21.00	1.0
Holyhead	bcc	cl	bbcc	cm	45	43	40	–	–	–	–	0.0
Liverpool (Bidston) ...	cQy	cqcoc	cbcbw	bbcc	45	39	30	–	–	–	–	0.0
Chester (Sealand) ...	cyq	cq,bc	bbc	c	47	40	35	–	–	–	–	0.6
Harrogate	bbccq	cir	cb	bbcc	43	36	32	0.1	17.30	–	–	3.0
Spurn Head	bcq	c	b-bc	c	46	36	·	–	–	–	–	2.7
Birmingham (Edgbaston)	bc	bcc	cbcc	c	47	34	32	–	–	–	–	2.9
Cranwell	c	c	cbcb	c	46	31	27	–	–	–	–	3.4
Gorleston	orpcbc	bccq	bc	bcx	48	36	32	Trace	18.00	–	–	3.8
Valentia (Cahirciveen)	opo	bcc	opbc	cpor	48	44	41	0.1	9.00	2	21.00	0.0
Roches Point	c	c	cbcb	bccirc	48	43	·	–	–	3	24.00	·
Pembroke (St. Ann's H.)	bcc	c	bc	c	47	43	·	–	–	Trace	6.30	1.8
Ross-on-Wye	cbcc	c	cbbc	c	45	37	29	–	–	–	–	1.8
Leafield	bc	co	ob	bc	45	32	28	–	–	–	–	2.5
Winchester (Worthy Dn.)	c	c	co	om	47	36	34	–	–	–	–	0.3
S. Farnborough ...	cbccy	cyc	co	co	49	36	34	–	–	–	–	1.9
London (Kew Obsy.) ...	cmbcy	bcyc	cbc	bcxcw	45	36	29	–	–	Trace	–	1.3
Croydon	cz	c	cz	cbccm	50	37	34	–	–	–	–	2.1
Shoeburyness	pcbcz	bc	obc	bm	51	36	32	Trace	18.00	–	–	2.2
Clacton-on-Sea ...	bc	bcc	co	ocbc	49	38	33	–	–	–	–	3.0
Felixstowe	cprqc	cbcy	cbcw	bcmw	50	37	34	0.4	18.00	Trace	–	4.1
Lympne	prcbc	bcc	c	c	50	37	35	0.2	18.00	–	–	2.4
Scilly (St. Mary's) ...	c	c	cir	cimid	51	42	·	–	–	1	21.00	0.4
Falmouth (Pendennis)	cbcc	c	cd	cd	50	42	·	Trace	18.00	1	21.00	0.5
Plymouth (Cattewater)	bccy	coyp	omrrd	omdd	49	42	39	–	–	2	21.00	0.7
Portland Bill	cz	cz	corrz	orr	49	42	·	–	–	3	21.00	·
Southampton (Calshot)	c	cj	c	c	49	40	37	–	–	–	–	0.4
Dungeness	dcbc	cd	oddrr	orrc	51	41	·	Trace	18.00	1	21.00	·
Guernsey	oddcmj	oddcdf	orrff	orrffw	51	43	·	3	18.00	15	21.00	0.1



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	9th 10h	Scotia	W	6	C	46	46
1	9th	REINDEER	W'N	5	C–	49	49
3	10th 2h.	BRIGHTON	NW	2	rr	46	37

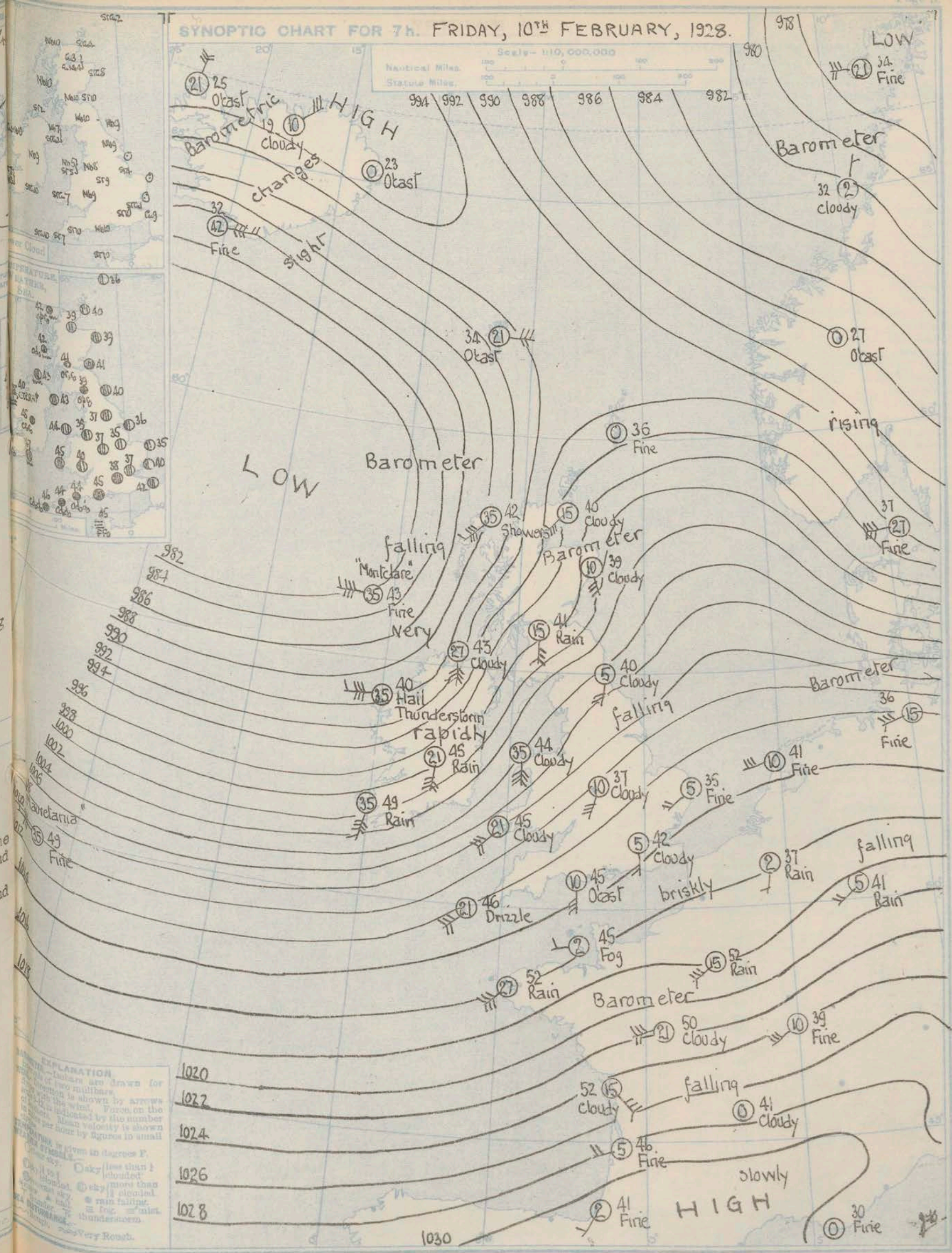
GENERAL INFERENCE.

A deep depression centred off the Hebrides is moving northeast, and increasing rapidly in intensity. Strong winds or gales from between S.W. and W. will be general in northern and western districts and the wind will become strong to a gale in the east. Weather will be cloudy with occasional rain in all districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 10th February, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands	Winds between S. and W, becoming strong to gale; cloudy with some rain or drizzle at first, bright intervals but local rain or hail showers later; moderate temperature.	Continuing unsettled with changeable temperature; some snow in Scotland and perhaps in Northern Ireland and Northern England. ↓ South Cone flying.
5. S.W. England ↓ 6. South Wales ↓ 7. North Wales ↓ 8. N.W. England ↓	Southwesterly to westerly winds, gale at times, some rain or drizzle then bright intervals but local rain or hail squalls and perhaps thunder; moderate temperature.	
9. N. Midlands 10. N.E. England ↓ 11. S.E. Scotland ↓	Freshening southwesterly winds, reaching gale force, veering later; cloudy with rain at times then bright periods with local rain or sleet or hail squalls; moderate temperature.	
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 ↓	Winds mainly between S. and W, gale at times, probably veering and moderating tomorrow; rainy at first, bright periods but rain, hail or sleet showers later; some snow on hills; moderate temperature.	
17. N.W. Ireland ↓ 18. N.E. Ireland ↓ 19. S.E. Ireland ↓ 20. S.W. Ireland ↓	Southwesterly to westerly winds, gale at times today, probably veering and moderating tomorrow; occasional rain and hail, perhaps local thunder; some bright periods; mainly moderate temperature.	

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 ... Friday, 10th February ..., 1928. No. 41

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 10th: 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. 10th: Barom. 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	995.8	+5	W	3	bc	38	85	8	4000	Cu.	5	–	5	995.0	-2	–	0	bc	36	85	8	5700	St.Cu.	2	Ci.St.	3	•
Stornoway	30	1022.3	+2	WNW	2	c	•	•	7	•	•	•	•	•	987.0	-17	SW	7	o/pr	42	85	6	2500	Nb.	10	–	10	6
Wick	81	1001.3	+3	WNW	2	c/pr§	34	97	8	1500	Cu.Nb.	6	Ci.St.	8	998.7	-8	SW	4	c	40	92	8	2500	St.Cu.	4	A.St.	10	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	988.2	-20	SSE	4	od	42	97	6	450	Nb.	10	–	10	7
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	991.7	•	WSW	1	bc	39	75	8	4000	Cu.Nb.	7	–	7	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	998.4	-8	SSE	3	c	39	85	6	2500	St.Cu.	8	A.St.	10	0
Malin Head	51	1007.1	-7	SW	5	c⊕	42	92	7	5700	St.Cu.	1	Ci.St.	8	989.1	-24	S	6	c	43	92	7	1500	St.	2	A.St.	10	6
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	997.3	-11	S	4	o/o	41	92	7	1500	Nb.	10	–	10	•
Edinburgh (Inchkeith)	190	1007.4	-1	WSW	6	b	40	85	8	–	–	0	A.Cu.	2	997.7	-10	SW	3	o+	41	85	8	800	St.	10	–	10	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	998.5	-10	SW	4	c	39	85	7	2500	St.Cu.	4	A.St.	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.3	-12	SSW	6	o/pr	39	92	6	1500	Nb.	10	–	10	3
Tynemouth	67	1011.2	-2	W	3	bc	41	85	7	1500	Cu.Nb.	5	–	5	1004.5	-7	SSW	2	c+	40	85	7	1500	Nb.	9	–	9	2
Blacksod Point ...	18	1006.6	-5	W	5	c	45	85	7	•	Cu.Nb.	10	–	10	999.7	-9	W	7	cTLRH	40	92	7	•	Cu.Nb.	10	–	10	8
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	999.1	-17	SW	3	c/p	43	85	8	2500	Nb.	9	–	9	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	995.5	•	S	5	cor	45	92	6	1500	Nb.	9	–	9	•
Holyhead	26	1014.8	-6	SSW	4	c⊕	43	92	7	–	–	0	Ci.St.	8	1001.9	-12	S	6	o	44	92	6	1500	Nb.	10	–	10	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.4	-9	SE	2	c	39	85	7	1500	Nb.	8	A.St.	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.1	-9	SEE	4	c	41	85	8	2500	St.	6	A.St.	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.7	-7	SE	2	c	37	85	6	2500	Nb.	9	A.St.	10	•
Spurn Head ...	29	1014.7	-1	SW'W	4	bc	39	92	6	–	–	0	Ci.St.	6	1009.4	-6	SW'S	4	c	36	97	7	–	–	0	A.St.	8	0
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	1018.5	[illegible]	-8	SSW	3	c-	37	92	6	1500	St.	9	–	9	•
Cranwell	236	1017.9	-3	WSW	4	b+	37	92	8	–	–	0	Ci.St.	2	1011.9	-5	SW'S	4	bc+	35	97	6	4000	St.	4	A.St.	7	0
Gorleston	14	1018.3	-2	SW'W	2	bc⊕	39	85	7	–	–	0	Ci.St.	5	1013.4	-4	SW'W	2	bc	35	92	7	–	–	0	Ci.St.	4	•
Valentia (Cahirciveen)F	30	1013.7	-6	SW	4	c/FR	46	92	8	•	St.	8	–	8	998.5	-15	SSW	7	o/o	49	85	7	1500	St.	10	–	10	6
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.8	-10	SW	5	c	47	97	7	1500	St.Cu.	10	–	10	6
Pembroke (St. Ann's H.)	156	1018.7	-4	SW'W	4	bc	45	97	7	–	–	0	A.St.	4	1008.7	-11	SW	5	c/r	46	97	7	800	St.Cu.	7	A.St.	9	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.4	-6	S	2	c	40	85	7	2500	Nb.	9	A.St.	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.8	-7	S'E	2	(0)	32	97	[illegible]	450	St.	10	–	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.0	-7	S'E	2	o	39	97	6	800	St.	10	–	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.5	-6	S	[illegible]	o	38	97	6	800	St.	10	–	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	41	•	•	•	•	•	•	•	1013.8	-5	S'E	2	c	37	92	5	4000	St.Cu.	1	Ci.St.	8	•
Croydon	244	1014.8	-3	SSW	2	c	40	75	6	–	–	0	A.St.	10	1014.2	-6	S'W	2	c+	37	97	6	450	St.	8	Ci.St.	9	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.5	-3	SW	2	o	37	97	6	5700	St.Cu.	1	–	1	3
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.5	-4	WSW	4	bc	40	92	7	–	–	0	A.Cu.	3	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.9	-4	SSW	3	bc	38	92	6	–	–	0	Ci.St.	3	•
Lympne	350	1020.4	-2	SW	3	c	41	85	7	2500	St.Cu.	10	–	10	1014.5	-4	S	2	c	39	92	8	4000	St.Cu.	9	–	9	•
Scilly (St. Mary's) ...	163	1020.7	-4	SW	1	c	47	97	8	4000	St.Cu.	8	–	8	1013.1	-7	SW	5	cd	46	97	6	4000	St.Cu.	10	–	10	3
Falmouth (Pendennis)	200	1020.4	-5	WSW	3	cd	42	92	7	2500	St.Cu.	7	A.St.	10	1013.8	-6	SW'W	4	cd	44	97	6	1500	St.	7	A.St.	10	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.8	-6	SW	3	od	44	97	[illegible]	450	St.	10	–	10	3
Portland Bill	32	1020.2	-3	SSW	1	o/o	43	85	6	1500	Nb.	10	–	10	1012.8	-6	S	3	o/r	45	92	8	2500	Nb.	10	–	10	1
Southampton (Calshot)	10	1020.6	-3	SW'S	4	c	43	85	7	5700	St.Cu.	4	A.St.	10	1014.9	-7	SE'S	3	c	42	92	7	4000	St.Cu.	9	–	9	[illegible]
Dungeness	20	1020.9	-5	WSW	2	orr	42	92	7	1500	Nb.	10	–	10	1015.1	-5	SW	2	c/r	42	92	8	1500	Cu.	9	–	9	2
Guernsey (Port George)F	295	1020.8	-4	–	0	orr	43	97	5	1500	Nb.	10	–	10	1014.9	-5	WSW	1	FFO	45	[illegible]	1	450	St.	10	–	10	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Thursday, 9th Feb.

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 17h.	Sunshine. Sunrise to Sunset.
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	gbc	bcb	38	46	1	Trace	5.3	0.0
Douglas (I. o. M.) ...	b	cb	39	44	1	–	2.2	0.8
Llandudno ...	o	o	42	46	3	–	0.0	1.0
Colwyn Bay ...	corc	coc	42	47	3	–	0.0	1.8
Rhyl	co	o	42	47	1	–	0.0	2.0
Wallasey	bcc	c	41	47	0.5	–	0.0	1.4
Southport	bcco	o	*42	45	0.5	–	0.2	0.6
Blackpool	cbc	co	42	44	1	–	0.1	0.1
Ilkley	bc	bcc	38	44	2	–	1.8	0.0
Cleethorpes	c	co	40	47	0.4	–	3.0	2.6
Skegness	c	co	41	47	–	–	3.5	4.0
Aberystwyth ...	rco	o	43	46	2	–	0.0	0.0
Bath	cbcc	c	43	49	2	–	1.1	0.0
Cheltenham ...	cbc	bcc	42	51	2	–	2.5	0.0
Leamington Spa ...	cb	o	42	48	1	–	2.5	0.7
Lowestoft	bcb	bcb	43	48	3	–	5.6	2.0
Felixstowe	bc	bcc	46	49	0.6	–	3.9	0.6
Harwich & Dovercourt	obc	bcoc	42	49	Trace	–	4.4	1.1
Southend	cbc	bc	46	49	Trace	–	2.6	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cbco	cdo	46	48	1	0.2	1.6	0.0
Bude	c	c	46	48	2	–	1.0	0.0
Penzance	cbc	com	44	50	3	–	0.2	0.0
Paignton	oc	bcco	45	50	2	–	0.5	0.0
Torquay	oc	oom	45	49	2	–	0.5	0.0
Jersey	cd	cr	45	51	2	3	0.1	5.5
Weymouth	c	c	46	51	0.5	–	0.5	0.1
Bournemouth ...	oc	oco	45	50	1	–	1.3	0.0
Ventnor ...	odmc	coz	44	50	0.5	–	2.0	0.0
Portsmouth (S'thsea)	c	co	47	50	0.5	–	0.4	0.0
Bognor	bc	bcc	45	50	0.3	–	0.8	0.0
Littlehampton ...	cbc	bcc	45	49	0.5	–	0.6	0.0
Worthing	c	c	45	50	0.5	–	1.3	0.0
Brighton	bc	co	45	49	1	–	1.3	0.0
Eastbourne‖	c	co	47	50	1	–	1.4	0.0
Hastings‖	cbcc	cbcco	46	50	1	–	1.4	0.0
Folkestone	fdbc	bcom	45	51	0.4	–	2.0	0.0
Dover	cbc	bcco	45	51	2	–	1.1	0.0
Tunbridge Wells ...	cobc	bcco	45	50	0.5	–	1.8	0.0
Ramsgate	bc	bcc	46	51	–	–	2.0	0.0
Margate	bc	bc	46	51	–	–	2.5	0.0
Deal	ogcb	bbcc	46	50	0.3	–	1.8	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. F The observations at 1h. G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. †‡ See footnote page 1.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24187 Saturday, 11th February 1928. Page 1.

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

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours‡	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility§ 0-9	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	State of ground
Lerwick	984.8	-12	SE	4	cjp	42	92	8	4000	CuNb	10	-	10	•
Stornoway	973.4	-9	S	4	ojpr₀	39	92	6	2500	Nb	10	-	10	•
Wick	978.6	-16	S	9	or	41	97	8	1500	Nb	10	-	10	•
Tiree	978.0	-7	W	6	cs₀	34	97	8	800	Nb	8	-	8	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	980.9	-20	SSE	5	orr	39	92	6	800	Nb	10	-	10	2
Malin Head	982.6	-7	W	6	bc|PH	37	85	7	4000	CuNb	7	-	7	•
Renfrew	982.9	-9	SW	4	c	38	85	7	1500	CuNb	6	ASt	10	2
Edinburgh (Inchkeith)	980.9	-18	SW	4	or₀	39	85	8	800	~~St~~ Nb	10	-	10	•
Leuchars	982.2	-17	S	6	oRR	37	95	6	450	Nb	10	-	10	2
Eskdalemuir	984.0	-16	W'S	5	oss	34	92	6	450	Nb	10	-	10	2
Tynemouth	986.0	-22	S	4	or₀r₀	41	92	6	1500	Nb	10	-	10	•
Blacksod Point	987.5	-2	W	8	c	41	75	7	*	CuNb	8	-	8	•
Donaghadee	986.8	-5	WNW	8	bc|p₀s	41	75	8	2500	CuNb	4	ACu	6	•
Birr Castle	992.1	•	W	4	c|ps₀	37	97	7	1500	CuNb	8	-	8	•
Holyhead	992.2	-8	WSW	6	cr	40	85	7	2500	St	9	-	9	1
Liverpool (Bidston)	990.8	-15	W	6	ckQh	36	85	6	1500	St	10	-	10	•
Chester (Sealand)	991.4	(-15)	W	7	oKQh	37	85	5	1500	Nb	10	-	10	2
Harrogate	989.4	-17	S'E	4	cr₀r₀	41	85	5	2500	Nb	9	ASt	10	•
Spurn Head	992.9	-22	S'W	7	or₀r₀	45	97	6	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	993.6	-19	SSW	5	c|r₀	43	92	6	1500	Nb	9	-	9	2
Cranwell	997.0	-20	S	5	c|r₀	42	92	6	800	St	8	ASt	10	1
Gorleston	1001.0	-12	SSW	5	c	41	92	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	998.1	-2	WSW	7	c|ph₀	42	75	8	2500	Nb	10	-	10	2
Roches Point	998.4	+3	NNW	6	bc	44	75	8	1500	Cu	4	CiCu	5	•
Pembroke (St. Ann's H.)	996.9	-15	W	5	crr	41	97	7	800	StCu	10	-	10	•
Ross-on-Wye 46	994.5	-17	SW'S	6	orr	~~47~~	92	6	1500	Nb	10	-	10	1
Leafield	997.3	-13	S'W	6	c|pr₀	45	85	8	4000	StCu	10	-	10	2
Winchester (Worthy Dn.)	1002.8	-13	SSW	5	c	45	85	8	450	St	9	ASt	10	2
S. Farnborough	1002.2	-14	SW	5	od	45	92	8	450	Nb	10	-	10	2
London (Kew Obsy.)	1002.2	-14	SW	4	odd₀	45	92	6	450	Nb	9	ASt	10	2
Croydon	1002.5	-15	SW	4	cd	44	92	7	800	St	10	-	10	2
Shoeburyness	1002.3	-13	SW	4	c	44	97	7	1500	St	10	-	10	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1002.9	-14	S	5	c|r	43	92	7	1500	StCu	8	ASt	10	1
Lympne	1003.3	-13	SSW	5	om	43	~~97~~ 97	4	450	St	10	-	10	2
Scilly (St. Mary's)	1003.5	-9	SW'W	8	cd	51	85	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1001.0	-12	WSW	8	cr₀	50	85	7	1500	St	7	ASt	10	•
Plymouth (Cattewater)	1001.4	-13	SW	8	cr₀	48	92	6	800	Nb	8	ASt	10	2
Portland Bill	1002.6	-12	SSW	7	c	48	92	8	1500	St	8	ASt	10	•
Southampton (Calshot)	1003.1	-13	SW	5	f₀	47	95	8	800	St	6	ASt	10	0
Dungeness	1003.3	-15	SW	~~4~~ 45	f₀	45	97	3	450	St	10	-	10	•
Guernsey (Fort George)	~~1007~~ 1008.1	-7	WSW	5	odd	48	97	5	450	St	10	-	10	•

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	Low Cloud Height Feet	Low Form	Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	974.8	-10	SE	6	c*jp	41	97	7	4000	Nb	10	-	10	•
Stornoway	970.6	-2	SSW	3	crs	35	97	6	2500	Nb	8	-	8	2
Wick	972.0	-4	WSW	3	c	37	97	8	1500	St	4	ASt	8	4
Tiree	973.6	-3	S	2	o	34	97	7	800	St	10	-	10	4
Nairn	971.5	•	SW	2	bc-	34	85	8	4000	Cu	4	-	4	•
Aberdeen	974.0	-4	SW	3	bc	35	75	8	4000	StCu	2	ACu	3	4
Malin Head	972.7	-14	S	6	bc|r	36	85	6	1500	StCu	6	-	6	6
Renfrew	978.0	-7	WSW	6	os₀s	34	92	6	1500	Nb	10	-	10	•
Edinburgh (Inchkeith)	975.9	-5	WSW	5	~~[illegible]~~	37	97	8	800	St	9	-	9	3
Leuchars	976.0	-3	SW	5	cr₀	36	85	7	1500	Nb	9	ASt	10	•
Eskdalemuir	980.2	-3	SW	6	c|s₀	33	85	7	1500	Cu	9	-	9	•
Tynemouth	981.2	-4	WSW	4	bc|s	37	75	7	1500	St	3	-	3	4
Blacksod Point	978.0	-5	W	8	c	45	65	7	•	CuNb	10	-	10	9
Donaghadee	981.8	-8	W	6	bct	35	85	8	2500	CuNb	6	-	6	4
Birr Castle	984.8	•	SSW	5	c|prs	36	97	7	1500	Nb	9	-	9	•
Holyhead	988.5	-5	WSW	7	c	39	85	7	1500	StCu	8	-	8	6
Liverpool (Bidston)	986.6	-3	W'S	6	b-	38	65	7	800	CuNb	<1	Ci	1	•
Chester (Sealand)	988.5	-4	SW	5	or	39	65	5	1500	St	10	-	10	•
Harrogate	986.1	-5	SW	5	b/s	35	85	7	2500	CuNb	1	-	1	•
Spurn Head	986.4	-1	WSW	6	bc-	37	92	6	4000	Nb	7	-	7	3
Birmingham (Edgbaston)	992.5	-1	WSW	4	b	36	75	8	2500	CuNb	2	-	2	•
Cranwell	989.8	+2	SW'W	5	bc-	35	97	6	1500	St	4	-	4	•
Gorleston	991.2	-8	WNW	~~5~~ 3	or+	38	97	6	800	Nb	10	-	10	1
Valentia (Cahirciveen)	994.0	-4	W'S	7	c	47	85	6	1500	St	9	-	9	7
Roches Point	994.1	-6	NW	5	c|prs	41	97	8	1500	Nb	8	-	8	6
Pembroke (St. Ann's H.)	993.5	-3	W'S	8	bc|r₀	42	97	7	2500	Cu	5	-	5	7
Ross-on-Wye	994.1	-2	W	4	b	37	75	8	4000	CuNb	1	-	1	•
Leafield	993.4	-1	WSW	4	bc-	36	75	8	4000	CuNb	2	ACu	3	•
Winchester (Worthy Dn.)	996.7	-6	SW'W	4	c	38	85	8	800	St	8	-	8	•
S. Farnborough	995.4	-2	WSW	4	c|r	38	85	7	800	Nb	9	-	9	•
London (Kew Obsy.)	994.8	-1	SW	4	o	40	85	6	1500	St	10	-	10	•
Croydon	995.2	-3	WSW	5	cr₀r₀	38	92	7	800	Nb	7	ASt	9	•
Shoeburyness	994.0	-6	NNW	4	os-	35	97	6	1500	St	10	-	10	•
Clacton-on-Sea	993.9	+4	NNE	6		35	97	6	2500	St	10	-	10	4
Felixstowe	993.8	-6	W	5	os	35	97	6	800	Nb	10	-	10	4
Lympne	995.2	-6	WNW	7	or	36	92	5	450	Nb	10	-	10	•
Scilly (St. Mary's)	1003.0	+2	W	8	bc-	42	75	7	4000	Cu	4	-	4	3
Falmouth (Pendennis)	1001.6	+1	W'N	8	cr	43	65	7	2500	CuNb	5	ASt	8	4
Plymouth (Cattewater)	1000.6	+2	W	6	bc|p	42	65	7	2500	CuNb	4	ASt	5	5
Portland Bill	997.0	+3	W	7	gp	44	~~65~~	6	1500	St	7	ASt	9	7
Southampton (Calshot)	997.5	0	W	4	c-	40	85	8	800	St	9	-	9	3
Dungeness	995.7	-15	~~SW~~ WNW	7	oR	41	97	6	~~450~~	Nb	10	-	10	6
Guernsey (Fort George)	1002.8	-3	WNW	8	orr	44	85	6	~~1500~~ 1000	Nb	7	ASt	10	6

cyp.

London Observations.	Height above M.S.L. in feet	Weather Morning	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. %	Humidity 9h. G.M.T. %	Visibility 9h
		24 Hours ended 9h.								Yesterday.		To-day.	
Kew / Croydon } 24 hours ended 7h.	18	cm₀d₀	cirkqR	bcr₀q	48	38	34	4	02	0.0	•	*	7
Greenwich (Royal Obsy.)	244	cmdd	bkqrrrs	crsbrqp	47	37	33	3	1	0.0	•	•	7
City (Bunhill Row)	149	cdo	bdorqh	clocbpq	48	38	31	3	0.3	0.0	80	57	6
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Regent's Pk. (Botanic Gdns).	27	•	•	•	49	38	33	4		0.0	75	55	•
Camden Square	166	•	•	•	•	•	•	•	•	0.0	•	•	•
Kensington Palace	110	oc	corhils	•	47	38	34	4	03	•	•	63	•
Hampstead Observatory	80	o	or	•	48	36	•	4	05	•	(At 18h) 91	51	•
	450	•	•	•	46	34	25	4	0.3	0.0	•	58	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time	Min.	Time
0.6	24h with	<0.3	24h with

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 10th 18 h. 15 m. to 11th 6 h. 15 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	12.0	9.33	80
δ Ursae Minoris	12.0	8.55	74

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.

11th: 12th Feb, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.22	12.7	16.54
	7.20	12.7	16.56
Greenwich	7.25	12.14	17.4
	7.24	12.14	17.6
Wick	8.1	12.27	16.54
	7.58	12.27	16.56
Valentia	8.8	12.55	17.43
	8.6	12.55	17.45

BEAUFORT NOTATION OF WEATHER.

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

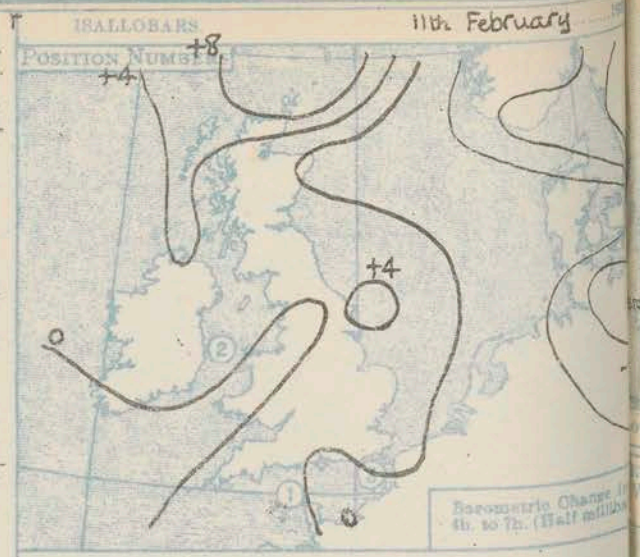
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6¼ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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. 10th	13h.-18h. 10th	18h. 10th to 1h. 11th	1h.-7h. 11th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 10th Hours.
Lerwick	c	orrc	OR	orrc	42	38	.	2	13.30	6	<21·00	0·0
Stornoway	r-d	S-rs	c	cprc	42	32	.	9	*	2	*	0·0
Wick	corr	c	prs.c	rs.rs	41	33	.	2	11·00	1	<21·00	.
Tiree	rerrs	bsbcq	prhq	prc	42	34	30	7	<8.00	3	<21·00	1·5
Nairn	bcq PR	bc	bcxqp	bcd	41	33	.	0·6	12.30	0·2	4 30	1·0
Aberdeen	corrm	arrcrhc	bbcc	c rcq	40	33	30	9	9.00	Trace	5 30	0·3
Malin Head	crebcPHR	bccPHR	oirsbcair	bcPH	43	33	.	11	9.00	5	<21·00	1·5
Renfrew	arrhc	cprphbs	o.c	bcc	44	32	28	11	<8.00	1	<21·00	1·4
Edinburgh (Inchkeith)	crr	s-rsq	cbcb	bl bc	43	33	28	4	<8.00	-	-	0·0
Leuchars rs5cbbcx	corRR	rbccq	~~crscbcx~~	bccx	42	29	22	11	9.00	1	<21·00	1·1
Eskdalemuir	orrsrhq	smcprs	cossmc	c	39	29	25	9	<8.00	3	<21·00	0·6
Tynemouth	orr	oi3	bour	oirbc	41	34	28	6	9.00	1	24·00	.
Blacksod Point ...	phqc	bphqo		hqbc	45	38	.	3	-	?	-	.
Donaghadee	crRrrbcq	PSbc	oi RS	oi Rssbcq	44	33	.	4	<8.00	8	<21·00	.
Birr Castle	crwq	crhcq		cq	49	36	34	9	<8.00	2	<21·00	1·8
Holyhead	idqTRcq	cbiq	phirr	rbcq	47	~~40~~ 39	37	6	<8.00	3	<21·00	1·8
Liverpool (Bidston) ...	cprr	qrhbc	coprr	oprh	46	39	32	3	11·00	1	<21·00	0·9
Chester (Sealand) ...	crRq TLH	drqcprq	prsirr	bccr	48	37	32	5	11·00	1	<21·00	0·7
Harrogate	corr	coreshrtlrs	Sbbcsq	ocirr	42	32	31	4	12.30	11	<21·00	0·2
Spurn Head	o	cthhr	cqphPR	cq.pr	45	36	.	3	12.30	5	24·00	0·0
Birmingham (Edgbaston)	c	ortHtsb	bcprsr	cprr	43	36	32	5	11·00	0·3	22·00	0·0
Cranwell	cwd	crqhrsbc	orscr	cirr	46	33	31	4	11·00	3	24·00	0·0
Gorleston	bccq	orrtir	orrbcq	corcq	44	35	33	2	13.30	1	<21·00	0·0
Valentia (Cahirciveen)	crphr	dphcr	bcphr	bcoph	50	41	37	5	<8.00	1	<21·00	1·2
Roches Point	crbc	bcqphrsc	cq.pbc	bcq	49	39	.	2	9·00	2	22·00	.
Pembroke (St. Ann's H.)	iRq	cbw	RRq	iR	48	41		3	9·00	9	<21·00	0·7
Ross-on-Wye	ccrq	rqrqhrcb	bcrr	bcq	47	36	33	7	11·00	1	<21·00	0·0
Leafield	cftc	corqhrsrc	bcrc	c	45	33	31	6	<8.00	2	22·00	0·0
Winchester (Worthy Dn.)	cdqfc	orrqhrsc	bccpr	bccbc	48	37	32	5	9.00	0·2	22·00	0·0
S Farnborough ...	omdqpq	RHrsrsrr	cbcbr	cbc	47	35	33	4	9·00	1	24·00	0·0
London (Kew Obsy.) ...	cwd	cirqRhc	bcrq	bcqcq	48	38	34	4	12.30	0·2	22·00	0·0
Croydon	cwdd	orqrrs	crbcrqb	b, c	47	37	33	3	9.00	1	<21·00	0·0
Shoeburyness	bmo	orqm	obprs	b	47	33	33	2	16.30	2	24·00	0·0
Clacton-on-Sea ...	bcco	orirhs	osbb	bbc	43	33	32	1	17.30	5	<21·00	0·0
Felixstowe	cwr	cirTLors	osrscq	bcq	46	34	32	3	9.00	1	<21·00	0·0
Lympne	cdqrco	oirqhrmbrqsbc		bcb	46	35	33	1	9·00	4	<21·00	0·0
Scilly (St. Mary's) ...	oidwq	orbcq	bcpl	bcphr	51	42	.	2	<8.00	1	<21·00	0·0
Falmouth (Pendennis)	crq	crqq	ccbcphr	bcprhr	51	41	.	4	9·00	0·2	22·00	0·0
Plymouth (Cattewater)	cqpr	cqrrhrc	cbcprqq	bccq	50	40	37	2	<8.00	0·2	22·00	0·0
Portland Bill			cqbbcq	bcirqr	44	43	.	3	<8.00	1	21·00	.
Southampton (Calshot)	cdrlmidc	orrbqq	cbcbbcqr	bbcbq	48	39	36	3	9·00	0·2	22·00	0·0
Dungeness	odcot	oiDrq	bqr	irbcq	47	38	.	3	8.00	2	<21·00	.
Guernsey	rcfcom	orrirRcrc	crrbcq	bbcirq	48	40	.	4	<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.
2	10th 10h	Scotia	SSW	8	C-	47	47
3	10th 24	Arundel	W	9	C-	45	48

GENERAL INFERENCE.

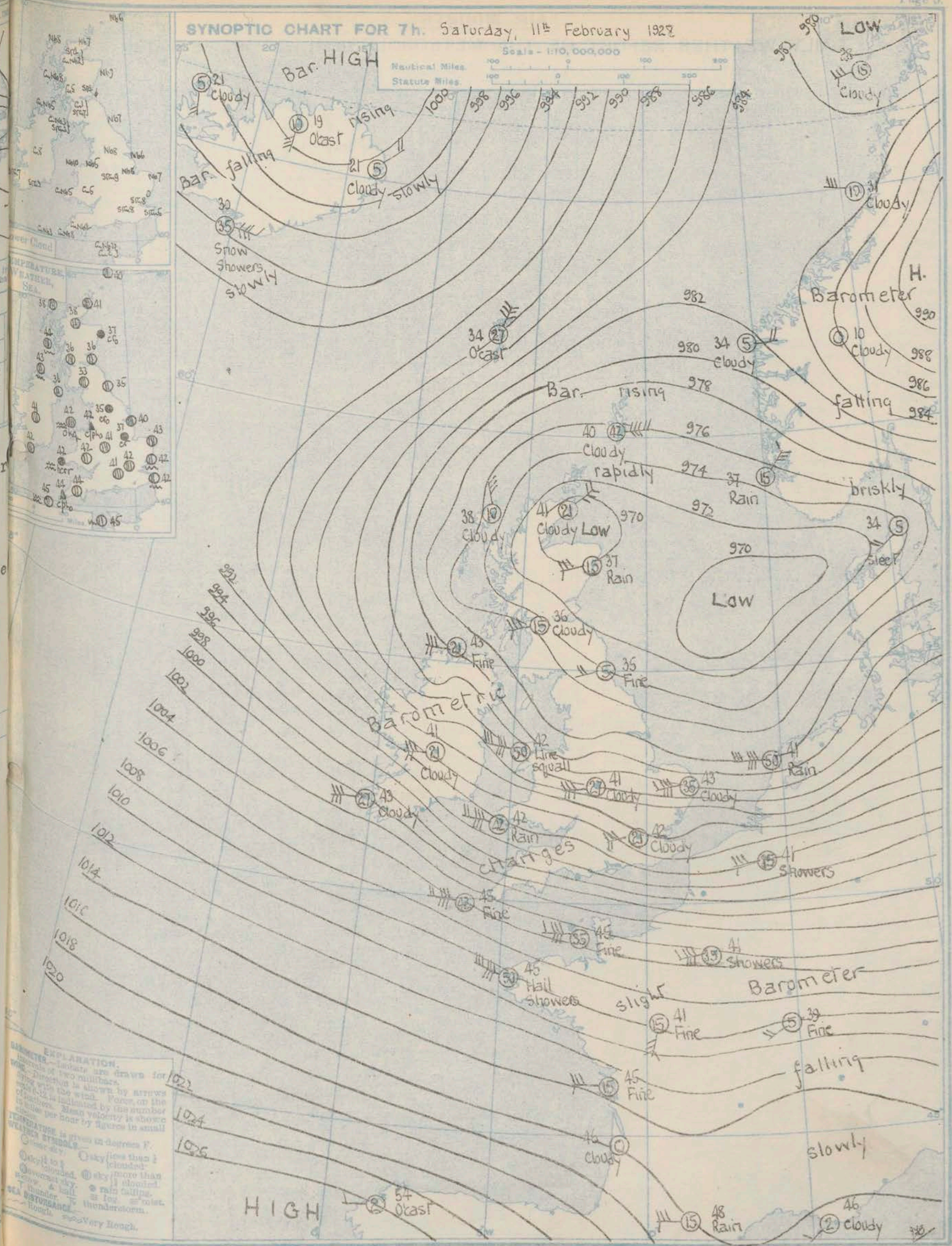
A complex area of low pressure covers the North Sea and is moving east and a fresh depression is approaching Iceland from the southwest. In northern districts winds will be N.W. strong to moderate backing towards west later. Over southern districts the westerly gales will subside gradually. Squally showers of rain or hail will occur, but with long sunny periods.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 11th February, 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	Westerly winds, strong to gale, moderating; bright intervals, local rain or hail squalls, perhaps thunder; changeable temperature.	Continuing unsettled.
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Westerly winds, veering temporarily, strong to gale locally; bright intervals but some rain, hail or sleet locally with perhaps thunder; snow showers on hills; changeable temperature.	South Cone still flying.
13. A. W. Scotland B. N.W. Scotland 14. Mid-Scotland	Northerly winds, backing towards W. or S.W, strong at times; wintry showers; bright intervals; rather cold.	
15. N.E. Scotland 16. Orkneys and Shetlands	Northeasterly winds, strong, falling light then freshening from S.W: wintry showers; rather cold.	
17. N.W. Ireland 18. N.E. Ireland	As 8 - 12	
19. S.E. Ireland 20. S.W. Ireland	Westerly winds, strong to gale, veering and moderating at first then backing and freshening; bright periods but local wintry showers, perhaps thunder; changeable temperature.	

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

* 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 Saturday, 11th February 1928. No. 42.

Observations at 1h. G.M.T. 11th

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	963·1	-1	SE	8	orr	40	92	7	4000	Nb	10	-	10
Stornoway	30	972·9	+1	W	1	c	•	•	0	•	•	•	•	10
Wick	81	963·7	-2	W	2	bc/bcq	34	97	8	1500	CuNb	6	-	6
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	32	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	81	976·9	+8	NW	6	bc/pH	40	85	7	4000	Cu	5	-	5
Renfrew	30	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	190	971·1	0	NW	1	bbb	34	86	8	-	-	0	ACu	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	970·6	-6	SSW	1	ob	35	97	7	1500	Nb	10	-	10
Blacksod Point ..	18									•				
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	175	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	984·0	+6	WN	9	cc	41	92	6	1500	Nb	9	-	9
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	975·0	-13	WSW	6	o/PR	38	97	7	4000	Nb	10	-	10
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	979·9	-10	WSW	8	cr	40	97	7	1500	Nb	8	ACu	9
Gorleston	14	982·5	-10	SW	6	c+	38	85	7	2500	Cu	9	-	9
Valentia (Cahirciveen) P	30	1001·5	+3	WS	8	bc/PH	44	97	9	-	CuNb	4	-	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	991·4	+6	NNW	9	bcR	45	97	6	800	Nb	5	-	5
Ross-on-Wye	222	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	512	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	44	•	•	•	•	•	•	•
Croydon	244	991·7	-4	WSW	6	b/c	43	75	7	1500	St	2	-	2
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	992·5	-4	SW	7	bc-	41	85	7	2500	St	6	ASt	7
Scilly (St. Mary's) ...	163	1004·2	+2	WN	8	bc	45	75	7	4000	CuNb	3	-	3
Falmouth (Pendennis)	200	1001·3	+1	WNW	7	bc-	47	65	7	4000	CuNb	3	-	3
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	995·6	+1	W'S	8	bc	47	65	6	1500	St	3	CiSt	5
Southampton (Calshot)	10	995·3	-3	W'S	6	b-	45	65	8	2500	Cu	1	-	1
Dungeness	20	989·5	-9	W	8	bcr₀	44	85	7	1500	CuNb	5	-	5
Guernsey (Fort George) P	295	1003·8	+1	WNW	6	bc-	46	75	7	1500	Cu	6	-	6

Observations at 7h. G.M.T. 11th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours	Wind Direc.	Wind Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	975·3	+11	E	8	cjp	40	85	7	4000	Nb	6	ASt	8	•
Stornoway	975·0	+7	N	3	c	38	97	7	2500	Nb	8	-	8	4
Wick	968·5	+1	NE	~~5~~ 6	c	41	92	8	1500	Nb	7	CiSt	9	3
Tiree	975·7	0	NW	7	c	44	85	8	2500	CuNb	8	-	8	7
Nairn	971·3	•	W	3	bc+	38	85	8	1500	St	7	-	7	•
Aberdeen	970·4	-1	WSW	4	cr₀	37	75	8	2500	Nb	9	-	9	4
Malin Head	980·3	+5	W	5	bcjp	43	85	7	4000	CuNb	5	ACu	6	7
Renfrew	977·2	+2	WSW	4	c	36	85	8	4000	Cu	5	ACu	8	•
Edinburgh (Inchkeith)	973·5	+1	WSW	4	bc	36	92	8	800	St	4	ACu	7	1
Leuchars	973·3	0	WSW	5	c	34	85	7	2500	StCu	7	ASt	8	•
Eskdalemuir	976·5	+2	WN	5	c	33	85	7	2500	StCu	8	-	8	
Tynemouth	976·0	+2	WSW	2	bc/r	35	92	6	1500	Nb	7	-	7	2
Blacksod Point	992·9	+3	W	8	bc	43	85	7	•	CuNb	7	-	7	9
Donaghadee	981·4	+3	WNW	6	bc-	36	92	8	2500	CuNb	6	-	6	4
Birr Castle	991·6	•	W	5	c	41	75	7	1500	Cu	8	-	8	•
Holyhead	986·1	+2	NWN	9	oKQ	42	75	5	1500	Nb	10	-	10	8
Liverpool (Bidston)	979·3	-1	W	9	c/ph₀	42	85	6	1500	Nb	5	ASt	10	•
Chester (Sealand)	982·0	-2	WSW	8	c	44	55	7	2500	StCu	9	ASt	10	
Harrogate	977·5	-1	SW	4	cr₀	35	97	9	2500	Nb	8	ASt	9	•
Spurn Head	978·3	+4	W	7	c	40	92	6	2500	Nb	6	ASt	9	4
Birmingham (Edgbaston)	985·6	0	W	6	c-	41	55	8	2500	StCu	9	-	9	•
Cranwell	982·2	+3	WSW	6	cr	37	92	6	800	Nb	8	ASt	9	•
Gorleston	982·8	+1	W'S	~~?~~ 6	c	43	65	7	1500	Nb	7	ASt	10	4
Valentia (Cahirciveen)	1001·7	0	W	6	c	43	85	8	2500	StCu	7	ASt	10	6
Roches Point	999·5	0	NW	5	bc	42	97	8	2500	StCu	3	CiCu	6	4
Pembroke (St. Ann's H.)	992·4	-1	WN	8	bcm	42	97	6	1500	CuNb	5	-	5	8
Ross-on-Wye	990·8	0	W	7	bc	42	55	8	4000	Cu	5	Ci	6	•
Leafield	990·9	+1	W'S	6	c	39	65	8	4000	StCu	10	-	10	•
Winchester (Worthy Dn.)	995·0	0	WSW	6	bc-	39	75	7	2500	StCu	3	-	3	•
S. Farnborough	993·0	0	W	5	c+	41	65	8	2500	StCu	8	-	8	•
London (Kew Obsy.)	991·8	0	W'S	5	c+	42	65	7	2500	StCu	8	-	8	•
Croydon	992·2	0	W'S	6	c+	41	65	7	2500	StCu	8	-	8	•
Shoeburyness	989·0	0	W'S	8	b+	42	97	7	2500	Cu	2	-	2	4
Clacton-on-Sea	987·2	0	WSW	7	bc	42	75	7	-	-	0	Ci	4	6
Felixstowe	987·2	+1	SWW	6	bc	42	65	7	-	-	0	CiSt	4	•
Lympne	991·9	0	SWW	6	b+	39	65	8	2500	Cu	1	-	1	
Scilly (St. Mary's)	1004·1	0	WN	8	bc	45	75	7	4000	CuNb	3	-	3	8
Falmouth (Pendennis)	1002·6	0	WNW	7	c/ph₀	44	65	7	4000	CuNb	8	-	8	4
Plymouth (Cattewater)	1001·2	0	WNW	7	bc+	44	55	8	1500	CuNb	4	-	4	5
Portland Bill	996·8	+2	W	7	bcr₀	45	65	8	1500	St	7	-	7	8
Southampton (Calshot)	995·3	0	W	7	b	42	55	8	2500	Cu	2	-	2	4
Dungeness	991·2	+3	W	8	bc-	42	65	8	4000	StCu	5	-	5	7
Guernsey (Fort George)	1003·6	0	WNW	7	bc-	45	65	8	1500	CuNb	4	-	4	6

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h.-9h. 10th (4) °F	Temperature Max. 9h.-17h. 10th (5) °F	Rainfall Night 17h.-9h. 9th-10th (6) mm.	Rainfall Day 9h.-17h. 10th (7) mm.	Sunshine Sunrise to Sunset 10th (8) hr.
Berwick-on-Tweed	cr₀	rsbc	38	41	Trace	3	1·1
Douglas (I. o. M.) ...	oqRglrh	cbq	37	45	2	5	1·9
Llandudno ...	cdrr	tlrhcbc	43	50	-	4	1·2
Colwyn Bay ...	co	orbcc	39	47	-	6	1·0
Rhyl...	b	r bc	40	48	-	5	1·4
Wallasey	ocorh	srcbcb	38	47	-	4	0·7
Southport	ort₀s₀	rq bc	*39	43	-	4	1·0
Blackpool	ortlrh	oco	40	43	-	9	0·6
Ilkley	or	stl	33	42	Trace	6	0·0
Cleethorpes... ...	odr	otlhsc	35	44	-	5	0·0
Skegness	co	orc	34	44	Trace	3	0·1
Aberystwyth ...	cmr	prhbc	41	46	-	5	0·5
Bath	c	cRH	33	48	Trace	6	0·0
Cheltenham‡ ...	odor	tlrshrc	37	47	0·3	5	0·0
Leamington Spa ...	c	crhc	34	47	Trace	4	0·0
Lowestoft	bcc	cp₀cr	34	44	-	1	0·0
Felixstowe	ce	cid	37	46	-	Trace	0·0
Harwich & Dovercourt	bcoc	htls	32	47	-	0·2	0·0
Southend	oc	ocs	38	47	-	3	0·0
Ilfracombe	od	odq	41	49	-	2	0·0
Bude	odr	rc	42	50	-	3	0·0
Penzance	c	coirc	41	51	1	4	0·0
Paignton	odod	rhpo	41	49	2	5	0·0
Torquay	odmod	rhpqo	42	49	2	7	0·0
Jersey	rc	rc	42	50	26	1	0·0
Weymouth	dprr	pc	41	49	1	3	0·0
Bournemouth ...	dd	rr	40	49	0·5	3	0·0
Ventnor ...	orm	omr	40	47	2	2	0·2
Portsmouth (S'thsea)	o	oqr	41	49	Trace	2	0·0
Bognor	cr₀	cR	42	48	-	2	0·0
Littlehampton ...	c	cr	42	47	-	2	0·0
Worthing	c	cor	41	48	Trace	0·3	0·0
Brighton	o	o	41	48	—	1	0·0
Eastbourne‡ ...	o	oidr₀	41	49	2	0·1	0·0
Hastings‖	o	oro	40	47	1	0·5	0·0
Folkestone	odmo	omdr	39	47	Trace	0·1	0·0
Dover	do	oir	41	47	Trace	Trace	0·0
Tunbridge Wells ...	o	orhp	35	48	-	3	0·0
Ramsgate	c	co	38	47	-	-	0·0
Margate	c	c	37	49	-	-	0·0
Deal	o	od₀	38	47	-	Trace	0·0

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24188. Sunday 12th February 1928.

Observations at 13h. G.M.T. 11th. / Observations at 18h. G.M.T. 11th.

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	983.3	+8	NE	8	c	39	85	8	5700	St.Cu	5	A.St	9	•	988.3	+8	NNE	6	c	37	85	8	5700	St.Cu	10	-	10	•
Stornoway	985.8	+9	NE	4	bc/pr₀	42	92 (7)	7	4000	Cu.Nb	7	-	7	•	990.1	+5	NE	5	c/pr₀	41	92	6	4000	Cu.Nb	8	-	8	4
Wick	983.4	+13	NE	5	c/pr₀	42	92	8	1500	Cu.Nb	8	Ci.St	10	•	988.7	+5	NNE	4	c₀	41	85	8	2500	St.Cu	6	A.St	10	4
Tiree	985.1	+9	NNW	6	bc₀	44	85	8	2500	Cu	6	-	6	1	990.9	+4	NNW	3	bc	43	85	8	2500	Cu.Nb	2	Ci.Cu	4	3
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	989.8	•	N	1	c/r	40	85	8	4000	Cu.Nb	8	-	8	•
Aberdeen	978.9	+12	N	4	bc	41	85	8	2500	Cu.Nb	4	A.Cu	5	2	987.6	+11	N	3	ch(r)	38	85	8	2500	Cu.Nb	8	-	8	3
Malin Head	987.8	+8	NW	5	bc/p	45	92	8	4000	Cu.Nb	5	A.Cu	6	•	992.9	+6	NW	5	cr	43	85	7	4000	Cu.Nb	8	-	8	5
Renfrew	982.7	+12	NW	4	bc	44	65	9	4000	Cu	4	A.Cu	6	2	996.0	+9	N	2	bc	40	75	8	4000	Cu	2	A.Cu	5	•
Edinburgh (Inchkeith)	978.7	+5	NNW	4	c+	41	75	9	5700	Cu	5	A.Cu	8	•	986.1	+5	N	2	bc	40	75	8	-	-	0	A.Cu	4	1
Leuchars	979.3	+13	N	5	c+	41	75	9	1300	St.Cu	9	-	9	2	988.2	+9	N	4	c/pr₀	39	85	8	2500	St.Cu	7	Ci	8	•
Eskdalemuir	978.7	+3	NNW	6	c	37	65	8	4000	St.Cu	8	-	8	2	988.5	+11	NNW	4	bc	36	75	7	4000	Cu	2	A.Cu	3	•
Tynemouth	975.9	-1	W	5	c/p	40	92	6	1500	Nb	9	-	9	•	985.2	+13	NW	3	c/p	39	85	6	1500	Nb	8	-	8	4
Blacksod Point	996.5	+4	W	5	bc	45	75	7	*	Cu.Nb	6	-	6	•	999.4	+3	NW	5	bc	43	65	7	•	Cu.Nb	5	-	5	5
Donaghadee	986.7	+7	NW	7	bc/pr₀	44	75	8	2500	Cu.Nb	5	-	5	•	991.8	+8	NW	4	bc/r	42	85	8	2500	St.Cu	6	-	6	4
Birr Castle	994.6	•	W	5	bc-₀	45	65	7	1500	Cu	6	-	6	•	998.1	•	W	3	bc/pr₀	40	92	7	1500	Cu	5	Ci.Cu	7	•
Holyhead	987.2	+1	W'N	9	cr	45	85	6	1500	Nb	9	-	9	2	992.4	+6	NW'W	8	c	45	92	7	2500	St.Cu	9	-	9	8
Liverpool (Bidston)	982.5	-3	W	8	ch₀(r)	42	92	6	800	Cu.Nb	9	Ci.St	9	•	999.3	+9	W'N	6	c/ph	43	92	6	800	Cu.Nb	9	-	9	•
Chester (Sealand)	984.7	0	W	8	cr	44	75	6	1500	Nb	10	-	10	2	989.1	+8	NW'W	7	c/pr₀	43	85	7	1500	St	8	-	8	•
Harrogate	978.8	-1	SW	3	c/PRS	37	92	7	2500	Nb	8	A.Cu	9	•	986.2	+10	NW	5	b-	39	65	8	2500	Nb	2	-	2	•
Spurn Head	979.4	+2	W'S	7	bc-	41	92	6	2500	Cu	3	Ci.St	6	•	981.2	+6	NW'W	8	o	41	85	7	4000	Nb	10	-	10	4
Birmingham (Edgbaston)	986.6	0	W	7	cr	41	75	8	1500	Nb	9	-	9	2	989.7	+4	WNW	6	c	41	92	6	~~1500~~ 2500	Nb	9	-	9	•
Cranwell	984.1	+3	WSW	5	c-₀	39	92	6	800	Nb	6	A.St	9	2	985.6	+6	WNW	5	bc/r	41	85	8	800	St.Cu	7	-	7	•
Gorleston	983.5	+1	W'S	6	cr₀	41	97	6	1500	Nb	8	-	8	•	982.0	-1	WNW	5	or	42	92	6	1500	Nb	10	-	10	4
Valentia (Cahirciveen)	1002.3	+1	W'N	4	bc	45	65	8	2500	St.Cu	7	-	7	2	1004.1	+3	W'N	4	c	44	75	8	2500	St	7	A.Cu	8	4
Roches Point	1000.0	+1	NW	4	bc	45	97	9	2500	Cu	2	Ci.Cu	3	•	1002.1	+4	N	4	bc	44	85	8	2500	St.Cu	3	Ci.Cu	5	4
Pembroke (St. Ann's H.)	994.6	+1	W'N	8	bc	45	97	7	2500	Cu	6	-	6	•	997.1	+2	WNW	5	bc	45	97	8	2500	St.Cu	6	A.St	7	5
Ross-on-Wye	990.6	0	W	8	c	45	65	8	4000	St.Cu	9	-	9	1	991.8	+1	W	7	bc	44	65	8	4000	Cu	2	Ci	3	•
Leafield	989.8	-1	W	7	c	42	65	8	2500	St.Cu	9	A.St	10	2	990.7	+1	W	7	c	41	75	8	4000	St.Cu	9	-	9	•
Winchester (Worthy Dn.)	994.1	-1	W'S	7	bc	46	55	8	2500	Cu	7	-	7	2	993.5	0	W'S	6	b	42	75	8	2500	St.Cu	1	Ci	2	•
S. Farnborough	992.0	-1	W	6	c	47	55	7	1500	St.Cu	7	A.Cu	8	2	991.6	0	W	5	bc-	43	65	7	1500	St.Cu	7	-	7	•
London (Kew Obsy.)	990.6	-1	W	5	cr	44	65	8	1500	Nb	5	A.St	10	2	990.3	+1	W	5	c	45	55	7	1500	St.Cu	5	A.St	10	•
Croydon	991.2	-1	W'S	6	c	45	65	7	800	St.Cu	10	-	10	2	990.8	0	W'S	5	c	44	65	7	2500	St.Cu	8	A.St	10	•
Shoeburyness	988.7	0	W	8	c	43	75	6	1500	Cu.Nb	5	A.St	10	•	988.1	0	W	8	cr₀	45	65	6	1500	Cu.Nb	10	-	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•	986.2	-1	WNW	7	c	45	65	7	4000	St.Cu	8	-	8	4
Felixstowe	987.3	+1	SW	7	c	42	75	8	2500	St.Cu	6	Ci.St	8	1	986.0	0	SW'W	6	cr	45	75	7	1500	Nb	8	-	8	6
Lympne	990.5	-2	W'S	7	c+	45	55	8	2500	Cu	9	-	9	1	989.9	0	WSW	6	e	43	65	7	1500	Cu	8	-	8	•
Scilly (St. Mary's)	1003.0	-2	W'N	6	cr	47	97	7	4000	Cu.Nb	10	-	10	•	1003.2	+1	WNW	6	bc/pr₀	45	97	7	4000	Cu.Nb	6	-	6	6
Falmouth (Pendennis)	1000.9	-1	WNW	6	c/PR	46	85	7	2500	Cu.Nb	8	A.St	10	•	1000.8	+1	WNW	5	bc-₀	45	85	8	4000	Cu.Nb	4	A.St	6	1
Plymouth (Cattewater)	999.8	-2	WNW	6	bc-	46	65	8	2500	Cu.Nb	6	A.Cu	6	2	1000.2	+2	WNW	5	b-	45	65	7	4000	Cu.Nb	2	-	2	2
Portland Bill	995.6	-1	W	7	bc	48	05	8	2500	Cu	4	-	4		995.6	+1	WSW	7	b-	45	65	8	2500	Cu	1	-	1	8
Southampton (Calshot)	994.2	-2	W'N	8	bc	47	45	8	2500	Cu	5	-	5	2	993.6	0	W	7	b-	44	55	8	2500	Cu	2	-	2	3
Dungeness	991.8	-4	W	9	bc+	47	85	7	1500	Cu	7	-	7	•	987.6	-3	W	8	bc-	44	75	7	4000	St.Cu	6	-	6	8
Guernsey (Fort George)	1001.7	-3	W	4	cr₀₀	44	85	7	1500	Nb	5	A.St	9	•	1000.5	+1	WNW	6	bc/PR	45	85	~~8~~ 7	1500	Cu.Nb	5	A.Cu	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.	Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 15h. G.M.T. % (Yesterday)	Humidity 8h. G.M.T. % (To-day)	Visibility 9h.
Kew	18	bcq/cp	cqbcc/	cyrc	46	40	36	0.1	0.2	2.0	•	•	6
Croydon } 24 hours ended 7h.	244	bcc	oc	c/p gd	46	39	36	-	0.4	2.2	•	•	6
Greenwich (Royal Obsy.)	149	cq y	c/p q y c	b/q/c p b	46	39	32	0.3	0.5	2.0	58	77	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	1.3	•	•	•
Westminster (St. James' Pk.)	37	•	•	•	48	37	30	2		1.6	67	77	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	1.4	•	•	•
Camden Square	110			•						•	•		•
Kensington Palace	30	bcc	crc	•	46	39	‡	•6	2	•	(At 18h) h.l.	73	•
Hampstead Observatory	450	•	•	•	44	35	25	1	1	2.0	•	77	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
0.3	18h 11th	<0.3	7h 12th
Kew Observatory			
Max.	Time.	Min.	Time.
<0.3	Whole	period	

POLE STAR RECORD at Greenwich Obsy.

Exposure from 11th 18 h. 30 m. to 12th 6 h. 00 m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	11.30	3.54	34
δ Ursae Minoris	11.30	2.23	21

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 February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.20 / 7.18	12.7 / 12.7	16.56 / 16.58
Greenwich	7.24 / 7.22	12.14 / 12.14	17.6 / 17.7
Wick	7.58 / 7.56	12.27 / 12.27	16.56 / 16.59
Valentia	8.6 / 8.4	12.55 / 12.55	17.45 / 17.47

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—2000 m.
h hail. i intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

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

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

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

SEA DISTURBANCE.

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

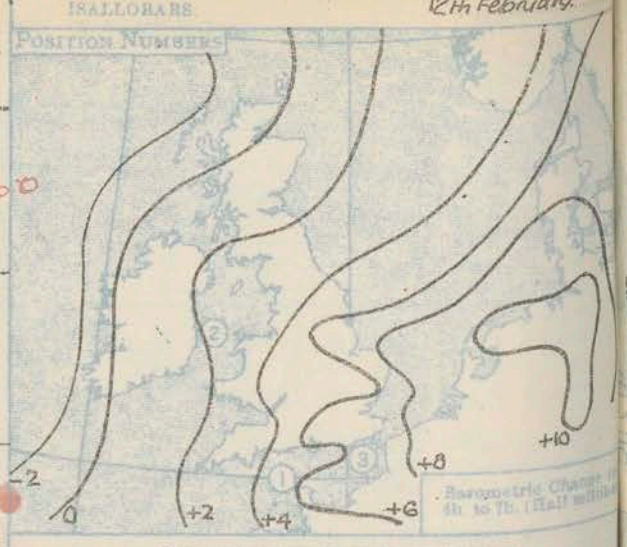
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 11th	WEATHER. 13h.-18h. 11th	WEATHER. 18h. 11th to 1h. 12th	WEATHER. 1h.-7h. 12th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 11th Hours.
Lerwick	c	c	c	c	41	33	.	-	-	-	-	0·0
Stornoway	p	p	s-rs	cprbc	44	33	.	1	-	2	-	3·5
Wick	cbr	c	c	crs c	43	34	.	1	11.00	1	5.30	.
Tiree	prbc	bc	prc	prbc	45	37	34	0·1	9.00	2	<21.00	0·6
Nairn	bcprq c	cbpr	cprs	bcbc	41	36	.	2	<8.00	0·6	22.00	2·9
Aberdeen	rsprbc	bccprh	c	bcpsh	41	33	30	3	<8.00	0·6	4.30	2·1
Malin Head	bcpr	bcprcir	cbcpr	bcphr	46	37	.	3	<8.00	1	<21.00	1·8
Renfrew	cor bc	pc	bc bcp	cp bcq	45	29	22	0·1	9.00	0·1	1.30	5·7
Edinburgh (Inchkeith)	c	cbc	bbc	bcmp	42	35	31	-	-	Trace	2.30	1·4
Leuchars	cbccv	crbccb	cbc c	cprbx	42	31	23	0·1	16.30	0·3	3.30	2·1
Eskdalemuir	cprs c	bcbbc	bcb	bcprs	39	29	26	0·6	11.00	1	2.30	3·4
Tynemouth	bcour q	coirq	coirqb	b bc	41	33	30	2	11.00	1	<21.00	.
Blacksod Point ...	pc	cbc	phqc	dodo	46	39	.	0·3	-	3	-	.
Donaghadee	q prs	bcpr	prs c	cbc	43	35	.	1	9.00	0·6	<21.00	.
Birr Castle	cq	bcpr	bcprc	oirc	46	35	30	0·5	14.30	0·3	<21.00	6·4
Holyhead	Rhcq	prcq	cbcb	bcc	45	41	40	11	<8.00	-	-	0·7
Liverpool (Bidston) ...	corh	cphq	bc cp	cbcq	44	39	36	2	<8.00	0·3	1.30	0·0
Chester (Sealand) ...	crR	cprhq	cprqr	c	45	40	35	4	<8.00	1	<21.00	0·2
Harrogate	cbrprs	rscbcb	b	bbc	43	33	28	1	<8.00	-	-	4·4
Spurn Head	cq prs	cpr	bcpr	bbc	43	36	.	4	<8.00	0·1	22.00	1·7
Birmingham (Edgbaston)	cq pc	cqpr	bcr	corbc	42	35	32	3	9.00	4	<21.00	0·0
Cranwell	cr	bcb	bbc	bbc	43	33	30	2	<8.00	-	-	0·4
Gorleston	orphcq	corq	orccq	bcybx	44	34	29	3	<8.00	1	<21.00	0·3
Valentia (Cahirciveen)	ocp	bccp	bccp	cporc	47	42	37	1	12.30	4	<21.00	2·5
Roches Point	bcp qy	bcyq bc	bcb	bcoirq	47	39	.	0·2	9.00	0·1	5.30	.
Pembroke (St. Ann's H.)	bcq	bcq	bcq	bc	47	42	.	-	-	-	-	0·0
Ross-on-Wye	cq	cq bcq	bcycqb	bbc	46	39	33	-	-	-	-	1·9
Leafield	cq pc	cq	cr	cr bc	42	36	31	0·2	9.00	1	<21.00	0·4
Winchester (Worthy Dn.)	prqbcy	bcy	b	bbc	47	36	32	Trace	9.00	-	-	6·6
S Farnborough ...	cprqy	cyqbc	bcyorc	bc	47	37	34	Trace	<8.00	0·3	22.00	4·9
London (Kew Obsy.) ...	bcqcqr	cqbccy	cprc	c	46	40	36	0·1	12.30	0·2	22.00	2·0
Croydon	bcc	oc	cpr	cb	46	39	36	-	-	0·4	22.00	2·2
Shoeburyness	bobc	circ	crbcb	b	46	36	34	0·1	11.00	1	<21.00	3·0
Clacton-on-Sea ...	bcc	cpc	cbc	bc	45	35	32	0·3	14.30	-	-	1·9
Felixstowe	bccyq	cqpre	cqPR	cbc	46	36	32	0·4	13.30	2	<21.00	1·3
Lympne	bbccqy	prbccq	cqorrbc	bcoc	46	36	33	Trace	14.30	1	<21.00	3·9
Scilly (St. Mary's) ...	bccir	bcp	bc	bc	49	43	.	2	<8.00	Trace	<21.00	1·8
Falmouth (Pendennis)	cbprq	cbcPRq	bcprq	bc	46	41	.	4	<8.00	Trace	22.00	2·2
Plymouth (Cattewater)	bcprcrh	bcqyp	bbc	bc	48	41	37	1	<8.00	-	-	2·1
Portland Bill	bcqbc	acb	b	bbc	48	43	.	Trace	<8.00	-	-	.
Southampton (Calshot)	bcprqQ	bcyQ	bbcq	bcybc	48	39	37	Trace	11.00	-	-	8·1
Dungeness	bcq	bcq	bqrbc	bcc	48	36	.	-	-	0·4	<21.00	.
Guernsey	bcbrpcQ	bprbcQ	bcbqy	bbc	46	42	.	8·4	<8.00	-	-	0·2

ISALLOBARS. 12th February.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	11th 10h	Scotia	WNW	9	c	46	45
1	" 18h	Reindeer	W'N	9	ph	50	49
3.	12th 2h	Brighton	NW	6	bc-	44	48

GENERAL INFERENCE.

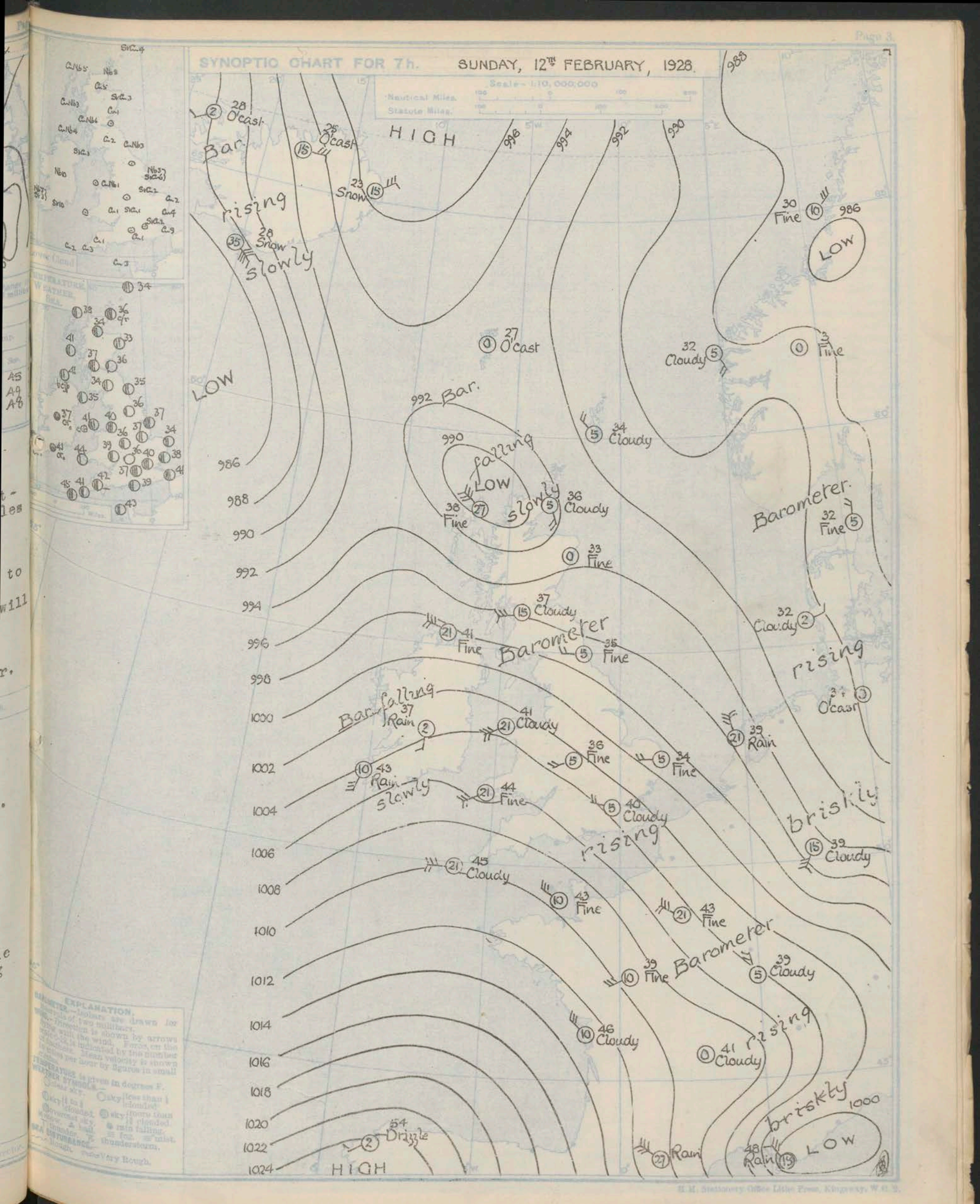
A wedge of relatively high pressure is moving eastwards across the British Isles and a depression on the Atlantic is spreading east. A shallow depression over Northern Scotland is likely to move southeast and fill up. In western districts winds will be southwesterly with some rain or showers, but in the east winds will be westerly and weather today mainly fair.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 12th February, 1928.	Further Outlook.
1. S.E. England ▽ 2. E. England ▽ 3. E. Midlands 4. W. Midlands	Light or moderate westerly winds, backing towards southwest later, mainly fair today, probably some rain or drizzle tomorrow, moderate temperature.	Unsettled.
5. S.W. England ▽ 6. South Wales ▽ 7. North Wales ▽ 8. N.W. England ▽	Fresh to strong S. to S.W. winds, mainly cloudy, some rain, moderate temperature.	
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	Variable winds, light to moderate, probably freshening from S. or S.W. later, bright periods but local showers today cloudy tomorrow with some rain, rather cold to moderate temperature.	▽ South Cone still flying
17. N.W. Ireland 18. N.E. Ireland	Strong S. to S.W. winds, perhaps reaching gale force locally, mainly cloudy, some rain, moderate temperature.	
19. S.E. Ireland	As 5 - 8.	
20. S.W. Ireland	As 17.	

S.C.R.

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1115 G.M.T. G. C. Simpson, F.R.S., Director.

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


SYNOPTIC CHART FOR 7h. SUNDAY, 12th FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
HIGH
Bar. rising slowly
LOW
992 Bar.
falling
LOW
Barometer
Bar. falling
Barometer
rising
briskly
Barometer
rising
briskly
LOW
HIGH
1000
988
986
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
28 O'cast
25 O'cast
23 Snow
28 Snow
27 O'cast
30 Fine
32 Cloudy
3 Fine
34 Cloudy
38 Fine
36 Cloudy
33 Fine
32 Fine
37 Cloudy
41 Fine
35 Fine
32 Cloudy
31 O'cast
37 Rain
41 Cloudy
39 Rain
43 Rain
36 Fine
34 Fine
44 Fine
40 Cloudy
39 Cloudy
45 Cloudy
43 Fine
43 Fine
39 Fine
39 Cloudy
46 Cloudy
41 Cloudy
54 Drizzle
Rain
48 Rain

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday 12th February....., 1928. No. 43.....

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 12th: 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	991.6	+3	NNW	2	c	35	85	8	6700	StCu	5	ASt	10	
Stornoway	39	994.3	+2	NNW	3	/PRS	•	•	6	•	•	•	•	10	5
Wick	81	992.9	+3	NNE	2	c	38	75	8	1500	St	6	CiSt	8	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	3
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Malin Head	51	998.4	+6	NW	6	bc/pr.	41	75	7	4000	CuNb	5	-	5	
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Edinburgh (Inchkeith)	190	993.8	+7	SW	2	bc+	36	92	7	800	St	1	ACu	3	•
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	87	994.1	+5	W	1	b	35	92	6	1500	Cu	1	-	1	
Blacksod Point ...	18	1002.3	+2	NW	4	bc	43	65	7	•	CuNb	7	-	7	1
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1000.4	+7	WNW	7	bc⊕	42	97	7	1500	St	1	CiSt	3	5
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	992.9	+7	NNW	7	bc-	38	86	7	4000	CuNb	4	ACu	5	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	236	995.6	+8	WNW	3	b-	36	85	8	2500	Cu	1	-	1	•
Gorleston	14	991.3	+11	WNW	5	bc-	38	92	7	2500	Nb	4	-	4	0
Valentia (Cahirciveen)P	36	1008.7	+3	W'S	4	c+	44	97	8	•	St	8	-	8	
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	4
Pembroke (St. Ann's H.)	150	1003.6	+6	NW	6	bc-	43	97	8	-	-	0	ACu	3	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.) ...	18	•	•	•	•	•	42	•	•	•	•	•	•	•	•
Croydon	244	997.1	+7	WNW	3	c/pr.	40	85	8	2500	StCu	8	ASt	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	2
Lympne	350	996.0	+12	W'S	3	b-	38	92	7	1500	Cu	2	-	2	1
Scilly (St. Mary's) ...	163	1008.5	+5	NW'W	6	bv-	45	75	9	4000	Cu	2	-	2	•
Falmouth (Pendennis)	200	1006.7	+3	NW'W	5	bc	44	65	8	4000	CuNb	4	-	4	5
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	0
Portland Bill	52	1000.3	+4	NW'W	7	b	44	65	8	-	-	0	Ci	2	2
Southampton (Calshot)	10	999.4	+7	WNW	6	bc	42	65	8	2500	Cu	3	-	3	2
Dungeness	20	997.0	+7	W	3	bc-	39	92	8	1500	Cu	3	-	3	3
Guernsey (Fort George)P	295	1004.2	+3	NW	5	bc-	45	75	7	800	Cu	2	ASt	6	3

Stations.	Observations at 7h. G.M.T. 12th: 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	991.2	0	NW	2	c	34	85	8	5700	StCu	4	ASt	8	
Stornoway	989.5	-3	NW	6	bc	38	92	7	4000	CuNb	~~10~~ 5	-	~~10~~ 5	5
Wick	991.8	-1	SSE	2	c/rs	36	97	8	1500	Nb	8	CiSt	10	0
Tiree	995.1	0	NW'W	5	bc	41	75	8	2500	CuNb	3	-	3	3
Nairn	992.3	•	W	1	bc-	34	85	8	4000	Cu	5	-	5	•
Aberdeen	994.0	0	-	0	bc	33	92	8	4000	StCu	3	-	3	0
Malin Head	998.8	0	WNW	5	bc/p	41	85	8	4000	CuNb	4	CiSt	7	4
Renfrew	997.2	+1	W	4	bc+	37	85	9	1500	CuNb	6	ACu	7	•
Edinburgh (Inchkeith)	995.0	+1	WSW	3	b/m	36	92	8	-	-	0	ACu	1	1
Leuchars	995.4	+1	S	1	b	31	92	8	2500	Cu	1	-	1	•
Eskdalemuir	997.6	+2	W	3	bc	34	85	8	2500	Cu	2	Ci	4	•
Tynemouth	997.6	+3	W	2	bc	35	92	7	1500	CuNb	3	-	3	2
Blacksod Point ...	1000.4	-1	W	3	od	42	92	7	•	Nb	10	-	10	1
Donaghadee	1001.0	+2	WSW	2	bc+	35	92	8	4000	StCu	3	ASt	6	2
Birr Castle	1003.5	•	S	1	or	37	97	6	1500	Nb	10	-	10	•
Holyhead	1003.7	+3	W'S	5	c⊕	41	92	8	-	-	0	CiSt	9	5
Liverpool (Bidston) ...	1001.8	+3	W'S	6	c	40	85	7	1500	CuNb	1	ASt	10	•
Chester (Sealand) ...	1001.5	+3	W'S	5	c⊕	40	75	8	2500	StCu	1	CiSt	8	
Harrogate	999.9	+2	W	3	b	36	85	8	-	-	0	CiSt	2	•
Spurn Head	998.6	+5	W'N	5	c+	37	85	6	2500	StCu	9	-	9	2
Birmingham (Edgbaston)	1003.7	+5	WSW	3	bc	36	85	8	-	-	0	CiSt	7	•
Cranwell	1001.0	+6	W	4	bc	37	92	7	2500	StCu	2	ACu	5	•
Gorleston	999.1	+8	W	2	bc	34	92	6	4000	Cu	2	ACu	5	0
Valentia (Cahirciveen)P	1004.4	-3	SSW	3	or	43	92	7	1500	Nb	10	-	10	4
Roches Point	1006.9	0	SW	2	or	41	97	8	800	St	10	-	10	1
Pembroke (St. Ann's H.)	1005.9	+1	WSW	5	b	44	97	8	-	-	0	ASt	2	5
Ross-on-Wye	1004.9	+4	W	3	bc+	39	75	8	4000	Cu	1	ASt	7	•
Leafield	1003.6	+5	W	5	bc	36	85	8	5700	StCu	1	CiSt	7	•
Winchester (Worthy Dn.)	1005.0	+5	W'S	4	c+	37	85	8	-	-	0	CiSt	8	•
S. Farnborough ...	1004.4	+5	W	2	bc	37	85	7	-	-	0	ASt	3	•
London (Kew Obsy.) ...	1003.9	+6	WNW	2	c	40	75	7	2500	StCu	2	CiSt	8	•
Croydon	1003.4	+6	W	3	b-	39	85	8	4000	StCu	1	ACu	2	
Shoeburyness	1002.4	+6	WNW	2	b+	39	85	7	-	-	0	ASt	2	*
Clacton-on-Sea ...	1000.9	+8	WNW	3	bc	36	92	7	2500	Cu	4	-	4	2
Felixstowe	1001.5	+5	WSW	3	bc	38	92	7	2500	StCu	5	ASt	6	1
Lympne	1002.4	+6	W	4	c+	39	92	8	800	St	10	-	10	•
Scilly (St. Mary's) ...	1010.0	+1	W	5	c+	45	85	8	4000	Cu	2	ASt	8	5
Falmouth (Pendennis)	1009.0	+2	WNW	4	bc+	41	75	8	4000	Cu	3	CiSt	7	0
Plymouth (Cattewater)	1008.6	+3	WNW	3	c+	42	75	7	2500	Cu	1	ASt	9	2
Portland Bill	1006.0	+5	W'N	5	bc+	43	75	8	2500	Cu	2	CiSt	7	5
Southampton (Calshot)	1005.7	+6	W	5	bc	39	75	8	2500	Cu	1	ACu	3	0
Dungeness	1002.9	+5	W	2	c+	41	92	8	1500	Cu	9	-	9	3
Guernsey (Fort George)P	1009.5	+4	NW	3	bc+	43	85	8	2500	Cu	5	Ci	5	3

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

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 17h.	Sunshine. Sunrise to Sunset.
(1)	(2)	(3)	(4) °F	(5) °F.	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	crsh	Rc	31	41	-	2	0.9	1.1
Douglas (I. o. M.) ...	b	cp	31	45	3	1	4.2	1.9
Llandudno ...	ror	oc	35	45	7	2	0.0	1.2
Colwyn Bay ...	oq,rs	rs oc	34	47	8	5	0.0	1.0
Rhyl	ro	oc	35	46	4	3	0.0	1.4
Wallasey	corr	crhc	37	44	2	2	0.1	0.7
Southport	corhc	cocbc	*38	45	12	0.6	1.0	1.0
Blackpool	oq,c	cpc	36	45	7	1	?	0.6
Ilkley	ors	rc	33	43	19	2	1.6	0.0
Cleethorpes	so	oro	33	43	9	1	0.0	0.0
Skegness	bcprhs	bcpr	34	42	5	5	1.0	0.1
Aberystwyth ...	bc	c	37	45	0.3	-	0.0	0.0
Bath	bcb	bbc	38	48	5	-	7.2	0.0
Cheltenham ...	cbq	cdq,c	38	45	2	Trace	0.0	0.0
Leamington Spa ...	cp	cp	36	45	1	1	0.2	0.0
Lowestoft	crc	crr	34	43	3	1	1.5	0.0
Felixstowe	bcq	bcrq	33	45	5	0.5	1.1	0.0
Harwich & Dovercourt	bc	ocdocr	32	45	3	Trace	1.6	0.0
Southend	bbcc	pco	34	45	1	0.2	0.0	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	od	cbc	44	46	0.6	0.1	1.0	0.0
Bude			38	47	0.6	-	4.5	0.0
Penzance	crh	crbc	41	49	4	1	1.2	0.0
Paignton	cerhpq	bcrpb	38	50	3	Trace	5.6	0.0
Torquay	lbcq	bcbqb	39	50	1	-	6.7	0.0
Jersey	hrcq	brq	47	47	5	5	0.7	0.0
Weymouth	pq,c	cb	40	50	1	0.2	2.8	0.0
Bournemouth ...	b	b	39	48	1	-	7.5	0.0
Ventnor ...	b	b	39	48	1	-	8.2	0.2
Portsmouth (S'thsea)	b	b	40	49	2	-	7.4	0.0
Bognor	b	b	39	49	3	-	7.5	0.0
Littlehampton ...	bc	bc	39	50	2	-	7.9	0.0
Worthing	bc	b	38	49	3	-	7.2	0.0
Brighton	bcc	bcb	37	49	6	-	6.8	0.0
Eastbourne	bo	bccbc	41	48	3	-	6.6	0.0
Hastings	bccbc	bcb	40	47	5	-	5.8	0.0
Folkestone	bccbc	bcrc	36	48	5	Trace	3.8	0.0
Dover	bbccb	cpsbc	36	48	5	Trace	4.6	0.0
Tunbridge Wells ...	cocbc	bccbc	35	48	2	-	4.2	0.0
Ramsgate	bc	bc	35	48	4	-	3.8	0.0
Margate	bcc	bcc	35	48	4	Trace	4.2	0.0
Deal	b	cbcc	35	47	5	-	5.0	0.0

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B 24189 Monday 13th February 1928.

Observations at 13h. 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	990·7	-2	NW	2	c	36	92	8	5700	Stcu	3	Ast	9	•
Stornoway	992·5	+3	NW	5	bc/PH	41	86	7	4000	CuNb	4	-	4	•
Wick	987·8	-4	SW	5	bc	39	97	8	1500	CuNb	4	CiSt	7	•
Tiree	996·3	+1	W	4	bc	43	75	9	2500	Cu	4	Ci	5	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	993·1	0	-	0	b	43	65	8	2500	Cu	1	Acu	2	2
Malin Head	998·2	-1	WNW	4	CrS	42	85	8	4000	CuNb	9	Acu	9	•
Renfrew	997·4	0	W	4	bc/p	39	85	8	2500	CuNb	7	-	7	2
Edinburgh (Inchkeith)	995·0	0	W	4	C+	41	75	8	5700	Cu	4	Acu	8	•
Leuchars	996·3	0	W	5	b+	42	75	8	2500	Cu	2	Ci	2	2
Eskdalemuir	997·4	-1	SW	3	c/prS	37	85	8	2500	Cu	9	-	9	2
Tynemouth	997·0	-1	W	3	bc	44	75	7	1500	CuNb	4	-	4	•
Blacksod Point	998·4	0	-	0	od₀	43	92	7	*	Nb	10	-	10	•
Donaghadee	1000·5	-1	W	2	bc	41	85	8	4000	Stcu	3	Ast	6	•
Birr Castle	998·6	•	S	2	CrS₀	41	92	7	1500	Nb	9	-	9	•
Holyhead	1001·5	-3	SW	5	C+	43	92	8	1500	St	8	Ast	10	1
Liverpool (Bidston)	1000·7	-1	WS	4	C⊕	43	75	8	2500	Stcu	3	Ast	10	•
Chester (Sealand)	1000·7	-3	WSW	3	C	46	65	8	2500	Stcu	7	CiSt	9	2
Harrogate	1000·1	+1	WSW	3	bcS	39	92	8	2500	CuNb	6	CiSt	7	•
Spurn Head	999·7	+1	W'S	4	bc	42	85	6	4000	Cu	5	-	5	•
Birmingham (Edgbaston)	1002·8	-2	WSW	4	C⊕	42	65	8	2500	Stcu	4	CiSt	9	2
Cranwell	1001·9	0	W'S	4	C	41	85	6	4000	Cu	3	CiSt	8	1
Gorleston	1001·4	+2	W	4	bc	45	75	7	4000	Cu	5	CiCu	7	•
Valentia (Cahirciveen)	998·0	-4	WSW	5	CrS	51	97	6	450	St	7	Ast	10	2
Roches Point	999·1	-8	SW	2	OrS	46	97	6	800	St	10	-	10	•
Pembroke (St. Ann's H.)	1002·9	-3	SW'W	5	CrS₀S	43	97	7	1500	Stcu	10	-	10	•
Ross-on-Wye	1003·1	-2	SW	3	C	43	75	6	2500	Nb	5	Ast	10	1
Leafield	1003·9	-1	SW	3	C	41	75	8	5700	Stcu	10	-	10	2
Winchester (Worthy Dn.)	1005·7	-2	SSW	3	C+	44	75	7	2500	St	6	Ast	10	1
S. Farnborough	1005·2	-1	W	4	C+	45	65	7	2500	Cu	4	Ast	10	2
London (Kew Obsy.)	1005·1	-2	WSW	3	C	45	65	6	4000	Cu	1	CiSt	10	2
Croydon	1004·9	0	W'S	3	C⊕	44	65	6	4000	Cu	1	CiSt	10	1
Shoeburyness	1004·6	+1	W	2	C	44	75	5	-	-	0	Ast	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1003·9	+1	WSW	4	C	43	75	8	4000	Cu	2	CiSt	9	1
Lympne	1004·6	-1	WSW	4	C⊕	43	65	8	-	-	0	CiSt	9	1
Scilly (St. Mary's)	1004·4	-11	WSW	7	ORR	49	97	5	2500	Nb	10	-	10	•
Falmouth (Pendennis)	1005·2	-6	SW	5	OrS	44	97	6	2500	Nb	10	-	10	•
Plymouth (Cattewater)	1005·3	-7	SW	5	CrS+	44	97	6	1500	Nb	9	Ast	10	2
Portland Bill	1005·5	-2	SW	4	od₀d₀	46	75	8	2500	St	10	-	10	•
Southampton (Calshot)	1006·5	-2	WSW	4	C+	44	75	7	4000	Stcu	3	Ast	9	1
Dungeness	1005·4	+1	W	3	C	45	75	7	2500	Stcu	10	-	10	•
Guernsey (Fort George)	1009·8	-3	WSW	3	CrS₀	45	75	8	800	Nb	7	Ast	10	•

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	990·5	+1	NW	1	c	35	92	8	5700	Stcu	3	Asc	8	•
Stornoway	994·9	+3	-	0	bc	36	92	7	4000	CuNb	4	-	4	0
Wick	992·5	+8	NW	3	c	36	85	8	1500	Nb	6	CiSt	8	4
Tiree	997·2	+1	NW'W	3	C	42	75	9	4000	Cu	6	CiCu	8	3
Nairn	994·8	•	W	2	bc	35	85	8	5700	StCu	6	-	6	•
Aberdeen	994·0	+2	WSW	3	bc+	38	65	8	2500	Stcu	3	Ci	5	0
Malin Head	998·6	+1	SW	3	o/p	40	97	7	4000	Stcu	8	-	8	4
Renfrew	997·8	+1	W	3	bc	36	97	7	4000	CuNb	3	-	3	•
Edinburgh (Inchkeith)	996·0	+2	WSW	3	bc	38	85	8	1500	St	3	Acu	4	1
Leuchars	996·5	+2	WSW	4	bc	37	75	8	4000	Cu	1	Acu	4	•
Eskdalemuir	998·1	+1	SSW	1	C	34	92	8	2500	Cu	4	Acu	8	•
Tynemouth	997·2	+2	W	2	bc+	38	85	6	1500	CuNb	4	Acu	6	2
Blacksod Point	999·1	0	-	0	C	43	92	7	•	-	0	Ast	10	4
Donaghadee	1000·7	+2	W	1	bc+	40	85	7	4000	Stcu	7	-	7	2
Birr Castle	998·8	•	S	1	CrS₀	40	92	6	1500	Nb	9	-	9	•
Holyhead	1001·1	+1	W'N	2	C	41	97	7	1500	Stcu	9	-	9	1
Liverpool (Bidston)	1000·1	0	W	3	cd-	39	97	7	800	Stcu	10	-	10	•
Chester (Sealand)	999·7	-1	-	0	CrS	41	85	6	1500	Nb	10	-	10	•
Harrogate	999·3	0	SW	3	bc	37	92	7	2500	Nb	1	CiCu	7	•
Spurn Head	998·4	0	W'S	4	bc+	40	92	6	4000	Stcu	5	CiSt	7	2
Birmingham (Edgbaston)	1001·0	-2	SSW	2	OrS₀	40	92	5	1500	Nb	10	-	10	•
Cranwell	1001·5	0	SW	3	Cdd	40	92	6	2500	St	5	Ast	10	•
Gorleston	1001·1	0	SSW	1	C+	41	75	6	-	-	0	Ast	9	0
Valentia (Cahirciveen)	1002·0	+8	W	3	O/d	49	97	7	220	St	10	-	10	4
Roches Point	1002·2	+3	W	2	CrS	47	97	8	1500	Stcu	10	-	10	1
Pembroke (St. Ann's H.)	999·3	-3	NE	3	CiM	43	97	7	1500	Stcu	9	-	9	2
Ross-on-Wye	1000·7	-2	SSE	1	Odd	40	92	6	1500	Nb	10	-	10	•
Leafield	1001·0	-1	SW	2	OrS	38	97	7	1500	Nb	10	-	10	•
Winchester (Worthy Dn.)	1001·7	-3	SSE	2	OrS	40	97	6	800	Nb	10	-	10	•
S. Farnborough	1002·2	-2	SW	3	OrS₀	40	92	7	1500	Nb	10	-	10	•
London (Kew Obsy.)	1002·8	-1	SW	2	CrS₀	42	92	5	1500	Nb	8	Ast	10	•
Croydon	1002·9	-1	S	1	OrS	40	97	5	800	Nb	10	-	10	•
Shoeburyness	1003·0	-1	SWS	2	OrS₀	42	85	5	1500	St	10	-	10	•
Clacton-on-Sea	1002·5	-1	SW	3	O	43	85	6	4000	St	10	-	10	2
Felixstowe	1003·0	-1	S	2	CrS	41	85	6	1500	St	6	Ast	10	0
Lympne	1003·6	0	SSW	2	OrS	40	92	6	1500	Nb	10	-	10	•
Scilly (St. Mary's)	1001·9	+1	W	7	Or	51	97	5	2500	Nb	10	-	10	7
Falmouth (Pendennis)	999·6	0	W'N	8	CrS	52	97	6	2500	Nb	8	Ast	10	4
Plymouth (Cattewater)	999·2	-4	WNW	6	od₀d₀	51	97	6	450	Nb	10	-	10	4
Portland Bill	998·1	-3	SSE	4	OrS	45	97	6	1500	Nb	10	-	10	2
Southampton (Calshot)	1001·8	-4	SW	3	Orr	42	92	6	800	Nb	10	-	10	1
Dungeness	1003·7	-2	WSW	3	OrS+	42	92	7	1500	Nb	10	-	10	2
Guernsey (Fort George)	1001·4	-8	W	6	Orr	50	97	5	450	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. 13h. G.M.T. %	Humidity. 18h. G.M.T. %	Visibility.
		24 HOURS ENDED 8h.								YESTERDAY.	YESTERDAY.	TO-DAY.	
Kew Observatory } 24 hours ended 7h.	18	bcmcm	cmr,r	ompcm	46	39	35	1	1	0·4	*	*	4
Greenwich (Royal Obsy.)	244	bc	cmr,r	crmcm	45	37	32	1	1	0·1	*	*	5
City (Bunhill Row)	149	bc⊕	cr	crbc	45	38	34	0·3	4	0·0	67	98	4
Westminster (St. James' Pk.)	80	*	*	*	*	*	*	*	*	0·0	*	*	*
Regent's Pk. (Botanic Gdns.)	37	*	*	*	46	40	37	4		0·0	74	90	*
Camden Square	168	*	*	*	*	*	*	*	*	0·0	*	*	*
Kensington Palace	110	bbc	cor	*	45	39	37	1	4	*	*	98	*
Hampstead Observatory	80	bc	or	*	45	39	*	06	4	*	{At 18h. 91}	91	*
	450	*	*	*	43	36	30	2	3	0·0	*	99	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington	Max.	Time.	Min.	Time.
	1·5	21h. 12th	<0·3	3h. 13th

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 12th 18 h. 30 m. to 13th 6 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11·30	0·58	9
δ Ursae Minoris	11·30	0·21	3

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.

..... 1928.

STATIONS.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7·18 / 7·16	12·7	16·58 / 16·59
Greenwich	7·22 / 7·20	12·14 / 12·14	17·7 / 17·9
Wick	7·56 / 7·53	12·27 / 12·27	16·59 / 17·1
Valentia	8·4 / 8·2	12·55 / 12·55	17·47 / 17·49

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.
ΣQ 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. 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
2=heavy swell
3=no swell } Moderate sea.
4=mod. swell
5=heavy swell
6=rather rough sea.
7=rough sea.
8=very rough sea.
9=mountainous sea.

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

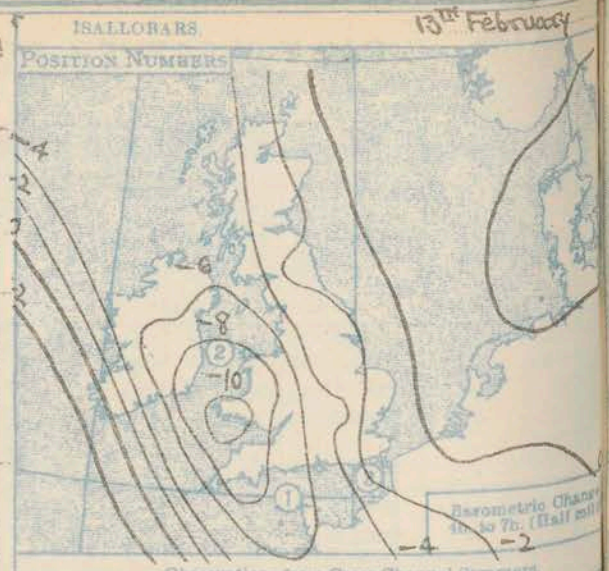
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 „
2. Fog.	550 „
3. Moderate fog.	1,100 „
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ „
6. Moderate.	6½ „
7. Good.	12½ „
8. Very good.	31 „
9. Excellent visibility, beyond 31 m	

† 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.-18h. 12TH	18h.-18h. 12TH	18h. 12TH to 1h. 13TH	1h.-7h. 13TH	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 12TH Hours
Lerwick	c	c	b	bx	37	32	•	–	–	–	–	0·0
Stornoway	c	c	b-bc	c	41	31	•	0·2	•	1	•	5·1
Wick	b-bc	cprsc	b-bcs	b-bc	40	28	•	0·2	16·30	–	–	•
Tiree	bcph	bcc	bcc	corr	45	33	23	2	18·00	2	3.30	5·2
Nairn	bc	bchp	bcx	b-bc	40	29	•	0·3	14.30	–	–	6·2
Aberdeen	b	b	b	b-bc	43	30	25	–	–	–	–	7·1
Malin Head	bcpccs	crc	cjpbcjpce	cir	43	37	•	0·6	18·00	1	3·30	1·1
Renfrew	bcprspn	cpbc	bcp.x	cxomf	44	29	23	2	18·00	0·1	21·00	4·2
Edinburgh (Inchkeith)	bc	cbc	bcm.b	bmcw	42	35	30	–	–	Trace	–	7·0
Leuchars	bxb	b-bc	bcbx	bxcx	43	30	22	–	–	–	–	7·6
Eskdalemuir	bccprs	cpsch	cpsbcbx	omx	39	28	27	0·4	11·00	Trace	–	1·5
Tynemouth	bcq	bcq	bc	bc	44	35	30	–	–	–	–	•
Blacksod Point ...	od	d.o	d.o	o	46	42	•	1	•	1	•	•
Donaghadee	bc	bc	cbcc	corr	42	(~~44~~) 36	•	–	–	1	5.30	•
Birr Castle	cr.r.	cr.r.	or.r.	orrc	42	40	39	2	18.00	8	21·00	0·0
Holyhead	c ⊕	r.rc	co	orr	44	41	39	1	13·30	3	5.30	0·0
Liverpool (Bidston) ...	qc	copcd	mdp.	odp.	43	36	33	1	15·30	0·5	21·00	0·0
Chester (Sealand) ...	c	c,lr.r	ordbm.	bor.m.	46	34	29	1	15·30	0·5	21·00	0·2
Harrogate	bbccp	cp.c	bcb	bccof	43	35	29	0·1	12.30	–	–	2·7
Spurn Head	cbc	b-bc	b-bc	bcx	43	36	•	–	–	–	–	4·6
Birmingham (Edgbaston)	bcc	or.r	cr.c	cbcm	43	35	30	1	13·30	2	21·00	0·4
Cranwell	bcc	c,cd.d	cbcc	cm	43	33	31	0·1	16·30	–	–	0·2
Gorleston	bc	bcc	odd.	od.do	45	36	34	–	–	0·2	22·00	4·4
Valentia (Cahirciveen)	ord	oird	od.or	orid.	51	48	47	10	18·00	14	21·00	0·0
Roches Point	orr	orrc	cbcoir.	orrc	48	45	•	9	18·00	7	22·00	•
Pembroke (St. Ann's H.)	bccr	orrm	cd.	orrff	44	42	•	6	11·00	14	22·00	0·0
Ross-on-Wye	c	cor.r	dpm	orr	44	36	30	1	14·30	5	21·00	0·1
Leafield	c	crr	robc	bcor.f	41	35	31	3	14·30	2	21·00	0·0
Winchester (Worthy Dn.)	c ⊕	orrm.	orm.r.	orrm	44	37	31	3	15·30	3	21·00	0·2
S Farnborough ...	bcc	corr	or.r.o	orrm.	45	36	32	3	14·30	2	21·00	0·7
London (Kew Obsy.) ...	bcnpm	cm.r	omprm	cm.r.	46	39	35	1	16·30	1	21·00	0·4
Croydon	bz.c	cm.r	crrm.	cm.r.	45	37	32	1	16·30	1	21·00	~~0·1~~ 0·2
Shoeburyness	com.	omomc	omrc	cpr	45	37	34	0·1	17·30	0·4	21·00	1·0
Clacton-on-Sea ...	bc	bccog	ogdm	ogm	45	38	35	–	•	0·2	21·00	0·6
Felixstowe	bcc	cr.	cr.bcr	bccm	45	39	34	Trace	17·30	0·1	21·00	0·7
Lympne	cbcc	cor.r	orr.m.	oFF	44	38	37	Trace	17·30	2	21·00	1·4
Scilly (St. Mary's) ...	cmrog	omr	omirf	ofmrf	51	50	•	15	18·00	9	21·00	0·0
Falmouth (Pendennis)	orrq	orrqm.	ormq	drm.q	52	49	•	15	18·00	9	21·00	0·0
Plymouth (Cattewater)	crrm.	comrq	omqd.b	barmq	51	46	43	11	11·00	10	21·00	0·0
Portland Bill	bcoo.	orrz.	orrdc	cor.z.	47	44	•	7	12·30	7	21·00	•
Southampton (Calshot)	c	cor.rm.	oddidm	offdrm.	46	41	40	3	13·30	2	21·00	0·3
Dungeness	c	cor.	cc (~~r~~)	cc	46	41	•	0·1	17·30	2	21·00	•
Guernsey	bccprh	r.rrq	arrdqm	orrm.q	50	48	•	12	12·30	7	21·00	0·0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	13th 2h	ARUNDEL	S	3	bc+	43	47

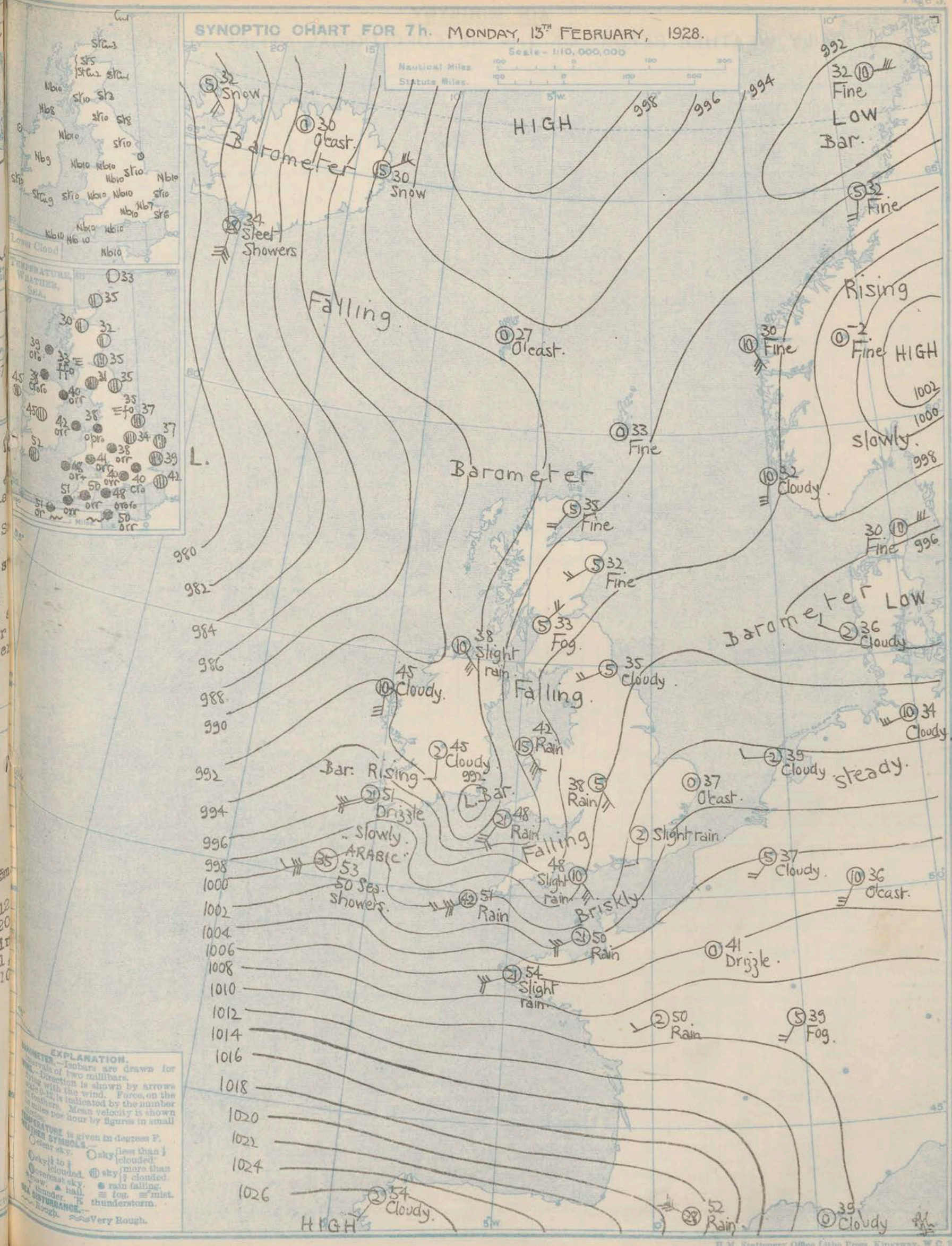
GENERAL INFERENCE.

A trough of low pressure ext
from southwest Iceland to Irele
and is moving northeast, and a
secondary depression over the S
George's Channel is deepening,
and will move north or northeas
The rain area at present over
southern districts will extend
northwards during the day, and
temporary improvement may occur
in the south; conditions, howeve
continue generally unsettled.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 13th February, 1928.	Further Outlook.
1. S.E. England ▼ 2. E. England ▼ 3. E. Midlands	Wind between S.E. and S.W. moderate to strong, dull, some rain, improving tomorrow, some mist, mild or moderate temperature.	Unsettled.
4. W. Midlands 5. S.W. England ▼ 6. South Wales ▼	Wind between S.W. and W. strong, reaching gale force locally, cloudy, occasional rain; showers and bright periods tomorrow, coastal mist or fog, mild to moderate temperature.	▼South Cone hoisted 14h. 55m yesterday in Districts 11, 12, 17, 18, 19 and 20 and still flyin in Districts 1, 2, 5, 6, 7, 8 and 10
7. North Wales ▼ 8. N.W. England ▼ 9. N. Midlands 10. N.E. England ▼	Wind between S.E. and S.W. moderate to strong, perhaps reaching gale force locally, dull, some rain, improving tomorrow, mist or local fog, rising temperature	
11. S.E. Scotland ▼ 12. S.W. Scotland ▼ Isle of Man 13. A. W. Scotland, B. NW. Scotland 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind between S. and S.E., becoming strong, dull, rainy, mainly cloudy with occasional rain tomorrow, some mist or fog, mild.	
17. N.W. Ireland ▼ 18. N.E. Ireland ▼ 19. S.E. Ireland ▼ 20. S.W. Ireland ▼	Wind between S. and W. strong, reaching gale force locally, cloudy, occasional rain; showers and bright periods tomorrow, some mist or local fog, mild to moderate temperature.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 1015 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... Monday, 13TH February..., 1928. No. 44...

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 13TH: Barom. at M.S.L. mb.	Change in 3 Hours.††	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 13TH: Barom. at M.S.L. mb.	Change in 3 Hours.††	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.‡ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	992.7	+2	NW	1	b	33	97	8	4000	Cu	2	-	2	993.1	0	–	0	b	33	92	8	4000	Cu.	1	Ci.St.	2	•
Stornoway	30	997.6	+1	NW	1	b-	•	•	8	•	•	•	•	•	992.4	-3	—	0	bc	34	97	6	2500	Si.Cu	4	–	4	0
Wick	81	995.9	+1	W	1	bc	30	97	8	1500	CuNb	3	-	3	993.5	-2	SW	2	bc	35	92	8	2500	St.Cu	3	Ci.St.	7	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	991.9	-5	SW	4	or	39	97	7	1500	Nb.	10	-	10	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	994.3	•	–	0	bc+	30	85	8	1500	St.	7	-	7	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	995.5	-1	SW	2	bc+	32	92	6	4000	St.Cu	1	A.Cu	5	0
Malin Head	51	998.4	-1	SSE	3	c+	38	97	7	5700	StCu	4	Ci.St	8	990.8	-5	SE	3	cr	38	97	7	4000	Nb.	8	A.Cu.	9	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	995.4	-4	NE	2	ff	33	92	3	800	St.	10	–	10	•
Edinburgh (Inchkeith)	190	997.8	+1	WSW	3	b/m	36	92	7	-	-	0	-	0	994.7	-3	SSE	1	c-	35	92	7	1500	St.	3	A.St	8	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	995.8	-3	SW	1	c	31	92	8	4000	St.Cu.	10	–	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	995.7	-6	–	0	{mmo}	31	97	4	220	St.	10	–	10	0
Tynemouth	87	1000.6	+2	W	2	bc	35	97	7	800	St	3	-	3	997.1	-2	WSW	2	c+	35	92	5	1500	St.	8	–	8	
Blacksod Point ...	18	997.9	0	–	0	c	43	92	6	•	–	0	A.St.	10	993.0	-5	S	3	c	45	97	6	•	–	0	A.St.	10	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	995.2	-5	SW	2	or	40	92	7	1500	Nb.	10	–	10	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	990.8	•	S	1	c/r	45	97	6	1500	Nb.	9	–	9	•
Holyhead	26	1001.5	0	SWW	1	0	42	97	7	1500	St	10	-	10	994.8	-8	SE	4	or	42	97	6	800	Nb.	10	–	10	1
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	995.6	-7	SE'S	4	o/pr	38	92	6	1500	Nb.	10	–	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	995.7	-8	SE'S	3	or	38	97	5	800	Nb.	10	–	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	997.6	-3	S	2	fo	35	92	3	<150	St.	10	–	10	•
Spurn Head	29	1000.2	+1	W	3	bc-	38	97	6	2500	St	4	-	4	998.6	-2	S'W	3	c+	37	97	6	–	–	0	A.St.	10	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	997.9	-4	SSE	2	or	38	97	4	800	Nb.	10	–	10	•
Cranwell	238	1001.6	+1	W'S	1	c+	38	92	7	1500	St	10	-	10	999.5	-3	S'E	1	{mmo}	34	97	4	800	St.	10	–	10	
Gorleston ...	14	1001.1	+1	W'S	2	odd	39	97	6	1500	Nb	10	-	10	1000.4	0	–	0	o	37	85	6	1500	Nb.	10	–	10	0
Valentia (Cahirciveen)P	30	1001.9	-5	SW	2	ORR	44	97	6	*	St	10	-	10	995.4	+2	WSW	5	od	51	97	5	220	St.	10	–	10	4
Roches Point ...	22	•	•	•	•	•	•	•	•	•	•	•	•	•	994.1	-5	W	3	c	52	97	8	1500	St.Cu	9	–	9	4
Pembroke (St. Ann's H.)	150	1002.1	+1	SW	3	c	45	97	8	1500	St.Cu	9	-	9	992.9	-10	SW'S	5	or+	48	97	1	800	St.	10	–	10	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	996.6	-7	S	2	or	41	92	6	1500	Nb.	10	–	10	•
Leafield ...	612	•	•	•	•	•	•	•	•	•	•	•	•	•	993.3	-6	SE	3	or	37	[illegible]	2	450	St.	10	–	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.0	-6	SE	3	or	40	97	4	220	Nb.	10	–	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.1	-3	SE	2	or	40	97	4	220	Nb.	10	–	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	40	•	•	•	•	•	•	•	1000.9	-4	S	1	cr+	40	97	5	800	Nb.	7	A.St.	10	•
Croydon	244	1002.4	+1	SW'S	1	c	38	97	6	1500	St	6	A.St	10	1001.0	-2	SW	2	cr	39	97	5	1500	Nb.	8	A.St.	10	3
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.6	-3	SW	2	c/r	40	97	7	2500	St.Cu.	10	–	10	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.1	-1	W	1	o	39	92	6	4000	St.	10	–	10	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.6	-1	S	1	mmc	39	97	4	2500	St.Cu.	2	A.St.	9	0
Lympne	350	1002.7	-1	SSW	2	o	39	97	8	1500	St	10	-	10	1001.9	-1	S	2	ff	39	97	2	<150	St.	10	–	10	•
Scilly (St. Mary's) ...	163	1005.5	+1	W'S	6	FFO	50	97	1	450	St	10	-	10	1000.5	-5	WSW	8	or	51	97	5	2500	Nb.	10	–	10	7
Falmouth (Pendennis)	200	1005.4	0	W'N	2	or	50	97	6	2500	Nb	10	-	10	998.0	-4	WSW	8	or	51	97	6	2500	Nb.	10	–	10	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	997.9	-9	WSW	6	or	50	97	6	450	Nb.	10	–	10	5
Portland Bill	52	1003.3	+6	NNW	1	c	45	92	8	1500	St	4	A.St	10	998.3	-6	SE	3	or	48	97	6	1500	Nb.	10	–	10	2
Southampton (Calshot)	19	1003.4	+3	-	0	o	42	97	5	800	St	10	-	10	1000.3	-4	SE	3	or	43	97	5	800	Nb.	10	–	10	0
Dungeness	20	1002.5	+3	WSW	2	c/r	42	92	8	-	-	0	A.St	10	1001.8	-2	SW	1	c+	42	97	8	450	St.	6	A.St.	10	0
Guernsey (Fort George)P	295	1005.0	+5	W	4	bc+	49	92	8	2500	StCu	4	-	4	1001.8	-7	WSW	5	or	50	97	6	800	Nb.	10	–	10	6

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12TH February

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 17h. 12TH	Sunshine. Sunrise to Sunset. 11TH
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	b	bbc	34	42	1	–	6.9	0.9
Douglas (I. o. M.) ...	co	co	37	43	2	–	0.1	4.2
Llandudno ...	c	cor	37	44	3	1	0.0	0.0
Colwyn Bay ...	cro	cor	34	44	2	1	0.0	0.0
Rhyl	o	p	36	45	1	1	0.0	0.0
Wallasey	bcc	crr	37	45	0.3	1	0.0	0.1
Southport	bccb	bcor	*40	43	0.2	–	0.0	1.0
Blackpool	oc	oc	40	43	–	–	0.0	0.0
Ilkley	bcc	rc	30	43	0.3	1	1.3	1.6
Cleethorpes	b	bc	33	44	–	–	5.0	0.0
Skegness	bcb	bbc	32	43	1	–	4.0	1.0
Aberystwyth ...	bco	ro	41	44	–	1	0.1	0.0
Bath	bcp	crr	39	46	–	2	0.0	7.2
Cheltenham ...	bcc	cor	37	44	1	1	0.1	0.0
Leamington Spa ...	c	cr	36	44	2	0.5	0.0	0.2
Lowestoft	bbc	b	33	45	0.1	–	4.6	1.5
Felixstowe	bc	bc	35	44	2	–	0.8	0.0
Harwich & Dovercourt	rbc	ocm	35	44	2	–	0.5	1.6
Southend	bc	boc	38	44	5	–	1.1	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	or	ro	43	46	–	6	0.0	1.0
Bude	orr	rr	42	50	–	4	0.0	4.6
Penzance	orr	orr	42	52	3	15	0.0	1.2
Paignton	ordm	omd	37	46	–	5	0.0	5.6
Torquay	orr	orpm	39	46	–	5	0.0	6.7
Jersey	pc	r	44	47	1	8	0.0	0.7
Weymouth	co	rr	38	47	–	5	0.0	2.0
Bournemouth ...	o	r	37	45	–	3	0.0	7.5
Ventnor ...	or	or	40	48	–	3	0.0	8.2
Portsmouth (S'thsea)	co	or	39	45	–	2	0.3	7.4
Bognor	bcc	cdrr	37	45	–	2	0.0	7.5
Littlehampton ...	c	cr	37	45	–	1	0.2	7.9
Worthing	c	cor	37	45	–	1	0.6	7.2
Brighton	bcc	odr	38	46	–	1	0.0	6.8
Eastbourne	bcco	corr	39	45	Trace	1	1.4	6.6
Hastings‖	bbcc	co	38	46	0.3	–	1.6	6.8
Folkestone	co	om	37	46	1	–	1.0	3.8
Dover	cbcc	co	39	46	2	–	1.0	4.6
Tunbridge Wells ...	bco	ocor	38	46	1	Trace	0.5	4.4
Ramsgate	bc	bcc	38	45	1	–	0.6	3.8
Margate	cbc	bcc	35	48	1	–	0.4	4.2
Deal	obco	o	37	45	1	–	0.7	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. B.24190 Tuesday, 14th February, 1928.

Observations at 13h. 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	991·7	-2	N	2	cjp	38	85	8	4000	CuNb	7	CiSt	8	•
Stornoway	988·3	-5	SW	2	c	39	92	6	4000	StCu	8	-	9	•
Wick	991·5	-2	S	3	bc	40	85	8	2500	StCu	3	CiSt	6	•
Tiree	988·5	-3	SSE	5	ors	36	97	7	1500	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	992·8	-4	SSW	3	bc	38	75	7	1500	CuNb	1	aSt	4	3
Malin Head	990·1	0	W	6	cjp	47	85	7	4000	CuNb	2	CiSt	8	•
Renfrew	992·6	-2	E	2	oSS	34	97	3	450	Nb	10	-	10	7
Edinburgh (Inchkeith)	993·2	-1	SSE	2	ors	37	85	8	800	Nb	10	-	10	•
Leuchars	992·7	-3	SE	1	r	36	97	7	1500	Nb	6	aSt	10	2
Eskdalemuir	992·7	-1	-	0	oSS	33	92	4	220	St	10	-	10	8
Tynemouth	993·9	-2	SSE	2	o	36	97	7	1500	Nb	10	-	10	•
Blacksod Point	995·8	+5	WSW	5	bc	50	97	7	*	CuNb	6	-	6	•
Donaghadee	992·6	-1	SW	2	orr	44	97	7	1500	Nb	10	-	10	•
Birr Castle	996·0	•	SW	4	dpr	51	85	7	2500	Cu	5	aCu	8	•
Holyhead	994·7	+5	W	6	c	47	92	7	450	St	9	-	9	2
Liverpool (Bidston)	993·3	+3	W	4	odd	43	97	2	450	St	10	-	10	•
Chester (Sealand)	993·1	+4	NNW	4	c	46	92	6	800	StCu	9	-	9	2
Harrogate	993·3	+1	-	0	os	33	97	1	<150	St	10	-	10	•
Spurn Head	993·1	-2	SE'E	4	orr	35	97	6	4000	Nb	10	-	10	•
Birmingham (Edgbaston)	992·8	-1	WSW	4	c	46	92	5	2500	Nb	4	aCu	8	2
Cranwell	992·7	-6	-	0	odd	39	97	4	800	Nb	10	-	10	2
Gorleston	992·4	-9	S'E	3	orr	41	97	5	1500	Nb	10	-	10	•
Valentia (Cahirciveen)	1002·1	+5	W'S	4	cd	51	92	8	800	St	9	-	9	2
Roches Point	999·7	+4	NW	5	bc	55	85	9	1500	Cu	4	CuCu	5	•
Pembroke (St. Ann's H.)	997·5	+6	SW'W	4	bc	49	97	7	1500	Nb	2	CiSt	5	•
Ross-on-Wye	994·6	+2	WNW	6	c	55	75	8	4000	StCu	7	Cu	9	2
Leafield	993·6	0	W'S	4	c-	50	97	8	4000	Cu	8	-	8	2
Winchester (Worthy Dn)	995·3	-1	W	5	o	52	92	8	800	St	10	-	10	2
E. Farnborough	994·4	-2	W	5	od	51	92	6	450	Nb	10	-	10	2
London (Kew Obsy.)	993·8	-5	WSW	3	orr	49	92	5	800	Nb	10	-	10	2
Croydon	993·6	-6	WSW	4	ed	50	97	6	450	Nb	9	aSt	10	2
Shoeburyness	992·6	-9	SSW	3	cr	47	97	6	1500	StCu	9	aSt	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	993·0	-12	S'E	5	orr	43	97	5	800	Nb	10	-	10	2
Lympne	993·0	-10	SW	4	fo	47	97	3	220	St	10	-	10	2
Scilly (St. Mary's)	1002·9	+4	W'S	7	or	51	97	5	2500	Nb	10	-	10	•
Falmouth (Pendennis)	1001·2	+3	W'N	8	cr	53	92	6	2500	StCu	10	-	10	•
Plymouth (Cattewater)	1001·4	+5	W	6	od	54	85	6	1500	Nb	10	-	10	2
Portland Bill	997·1	+3	WSW	6	c	51	92	8	2500	StCu	10	-	10	•
Southampton (Calshot)	995·8	+1	W	5	c-	53	85	8	1500	StCu	9	-	9	2
Dungeness	993·7	-8	WSW	5	odd	48	97	5	450	Nb	10	-	10	•
Guernsey (Fort George)	1001·5	+1	W'S	8	or	51	97	6	800	St	10	-	10	•

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	989·8	-2	S	2	bcjp	37	97	8	4000	CuNb	3	aCu	5	•
Stornoway	983·5	-4	SSW	3	orr	40	97	6	4000	Nb	10	-	10	3
Wick	988·7	-3	S	3	bc	38	97	8	2500	StCu	3	CiSt	6	1
Tiree	990·0	+1	W'S	6	bc	44	85	8	2500	CuNb	2	aCu	4	4
Nairn	987·7	•	SW	1	or	36	92	7	800	Nb	10	-	10	•
Aberdeen	991·1	-2	SSE	3	cr	37	92	5	1500	Nb	8	aSt	10	0
Malin Head	994·0	+5	W	6	bcpr	46	85	7	4000	CuNb	4	CiCu	6	4
Renfrew	992·8	+2	W	1	cs	33	97	3	800	St	8	-	8	•
Edinburgh (Inchkeith)	990·3	-2	WSW	3	o	37	92	6	800	St	10	-	10	1
Leuchars	990·6	-2	-	0	c	35	92	7	1500	StCu	6	aSt	10	•
Eskdalemuir	993·0	+2	WSW	4	cpr	36	92	6	800	Nb	8	-	8	•
Tynemouth	993·0	0	WSW	2	cr	36	97	5	1500	Nb	9	-	9	1
Blacksod Point	1000·0	+4	W	4	c	47	75	6	•	CuNb	8	-	8	4
Donaghadee	996·1	+7	WNW	3	bc+	45	92	8	2500	Nb	6	-	6	2
Birr Castle	1000·8	•	WSW	3	c	48	75	7	1500	CuNb	8	-	8	•
Holyhead	999·9	+7	WSW	4	bc	47	75	6	2500	StCu	4	CiSt	7	4
Liverpool (Bidston)	998·1	+7	W'S	5	c+	46	85	7	1500	Nb	5	aCu	9	•
Chester (Sealand)	998·3	+6	W	4	bc	48	75	6	2500	StCu	1	Cu	7	•
Harrogate	995·5	+2	WSW	3	fc-	37	97	4	<150	St	9	aSt	10	•
Spurn Head	995·3	+2	SW'S	3	o	37	97	6	4000	Nb	10	-	10	2
Birmingham (Edgbaston)	999·6	+7	W	5	bc	49	75	8	4000	StCu	2	Cu	5	•
Cranwell	997·2	+5	SW	1	mnc	39	97	4	800	St	10	-	10	•
Gorleston	996·6	+4	N'W	1	o	40	92	7	2500	Nb	10	-	10	0
Valentia (Cahirciveen)	1005·3	+3	W'S	4	c	49	75	8	2500	StCu	9	-	9	4
Roches Point	1004·4	+5	NW	3	bc	49	85	8	2500	StCu	2	CuCu	7	1
Pembroke (St. Ann's H.)	1003·0	+8	SW'W	4	c+	48	92	7	1500	StCu	9	-	9	3
Ross-on-Wye	1001·2	+6	W	4	bc	50	75	8	4000	StCu	2	Cu	3	•
Leafield	1000·4	+9	W	4	bc+	49	75	8	4000	StCu	6	-	6	•
Winchester (Worthy Dn)	1002·0	+9	W	4	bc	48	92	7	1500	StCu	1	Cu	3	•
E. Farnborough	1000·6	+8	W	3	b-	50	85	6	-	-	0	CiSt	1	•
London (Kew Obsy.)	1000·5	+10	WSW	1	bcp	51	75	6	1500	Cu	4	Cu	6	•
Croydon	1000·2	+9	WNW	3	bc-	52	75	6	2500	StCu	5	-	5	•
Shoeburyness	998·8	+9	W'N	3	c	51	85	7	1500	StCu	9	-	9	•
Clacton-on-Sea	997·5	+7	WNW	4	bc	49	85	7	2500	Cu	4	-	4	2
Felixstowe	998·1	+10	WNW	5	bc-	47	85	6	4000	StCu	3	-	3	4
Lympne	999·0	+5	W'S	3	bc-	50	92	6	2500	Cu	5	-	5	•
Scilly (St. Mary's)	1008·3	+5	W'S	5	FFo	50	97	1	220	St	10	-	10	6
Falmouth (Pendennis)	1006·8	+7	WNW	5	c+	51	92	7	4000	StCu	10	-	10	2
Plymouth (Cattewater)	1006·1	+6	WNW	5	c+	50	85	7	1500	Nb	9	aCu	9	2
Portland Bill	1003·3	+6	WSW	5	b	49	92	8	2500	Cu	1	Cu	2	6
Southampton (Calshot)	1002·5	+9	WNW	4	bc	51	75	7	4000	StCu	1	CiSt	4	0
Dungeness	1000·2	+7	W	5	bcd	46	92	7	1500	Cu	7	-	7	5
Guernsey (Fort George)	1006·4	+6	WNW	6	c+	50	92	6	450	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.	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	crr	crbcm	bcm	55	42	38	6	Tr	1·8	•	•	5
Croydon	244	cfrs	ocdcbm	bcbcm	54	43	39	6	-	0·6	•	•	6
Greenwich (Royal Obsy.)	149	crdc	cb	bwc	54	42	36	2	Tr	0·1	83	83	4
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0·5	•	•	•
Westminster (St. James' Pk.)	27	•	•	•						0·4			•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	0·5	•	•	•
Camden Square	110	or	odoc	•	54	41	36	3	-	•	•	87	•
Kensington Palace	80	or	c	•	55	47	35	4	-	•	(At 18h.) 73	84	•
Hampstead Observatory	450	=	•	•	53	38	30	3	Tr	1·2	•	88	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
Defective Record.			

Kew Observatory Max.	Time.	Min.	Time.
0·3	8h. 13th	0·03	rest of period.

Pole Star Record at Greenwich Obsy.

Exposure from 13th 18 h. 30 m. to 14th 06 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11·30	9·48	80
β Ursae Minoris	11·30	9·09	80

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 Feb., 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·16 / 7·14	12·7 / 12·7	16·59 / 17·1
Greenwich	7·20 / 7·18	12·14 / 12·14	17·9 / 17·11
Wick	7·53 / 7·51	12·27 / 12·27	17·1 / 17·4
Valentia	8·2 / 8·0	12·35 / 12·35	17·49 / 17·51

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.
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.

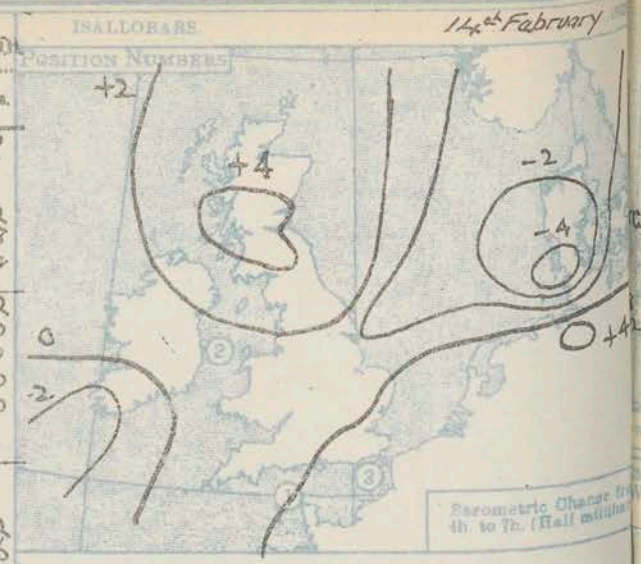
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1½ miles.
5. Poor visibility.	3½ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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	WEATHER. 13h.-18h. 13th	WEATHER. 18h.-1h. 13th/14th	WEATHER. 1h.-7h. 14th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	Day. began.	Night. 18h.-7h. mm.	Night. began.	SUN 13th Hours.
Lerwick	bbcc	cos bc	corr	orrc	40	35	.	Trace	16.30	3	21.00	1.0
Stornoway	c	r d	rs	p	40	33	.	2	–	3	–	0.1
Wick	b.bc	b.bc	orrbc	bcs s	40	33	.	–	–	2	4.30	.
Tiree	rr so	prs c	phbcb	prc	46	36	33	6	18.00	1	21.00	0.2
Nairn	bc	bcro	bcspsp	spo	37	33	.	0.5	17.30	6	21.00	0.8
Aberdeen	bccombc	crrm	crrsb	o	39	35	30	0.4	14.30	1	21.00	0.9
Malin Head	cr ir	cfRbcpr	bcpr	bcpr	48	40	.	3	18.00	1	21.00	0.2
Renfrew	offrsrs	ssscrff	cfcp	cp	35	32	31	11	18.00	2	21.00	0.0
Edinburgh (Inchkeith)	s-rs	rs o	ombcb	p	38	36	35	4	18.00	1	21.00	0.0
Leuchars	cx rd	rc	cir	cpbc	37	33	30	1	11.00	0.2	21.00	0.0
Eskdalemuir	omossm	ssmcpr	cprbcm	cprc	36	35	33	9	18.00	5	21.00	0.0
Tynemouth	oif irs	oirm	bcq	bcq	37	36	32	4	9.00	–	–	.
Blacksod Point ...	bc	c	pqo	c	50	43	.	0.4	–	1	–	.
Donaghadee	orr	orr bc	bc	bc	49	41	.	7	18.00	–	–	.
Birr Castle	cbr	c	cpr	cm	51	43	35	0.1	12.30	Trace	21.00	2.2
Holyhead	rrdif	cbc	cbc	bccm	51	44	43	2	18.00	–	–	2.6
Liverpool (Bidston) ...	orbm	fcbc	bbcd	cpbcq	47	43	38	3	18.00	Trace	21.00	0.8
Chester (Sealand) ...	rrdcm	cbc	bcm	cprcm	51	45	39	3	18.00	Trace	1.30	1.4
Harrogate	offrss	ffssrr	crb	bcc	37	37	35	7	18.00	0.1	21.00	0.0
Spurn Head	cbsor	orro	o	c	39	37	.	10	11.00	–	–	0.0
Birmingham (Edgbaston)	orrc	cbc	bcc	c	52	42	38	4	18.00	–	–	1.6
Cranwell	ormdm	dfom	cmb	bco	40	39	38	5	18.00	–	–	0.0
Gorleston	orrm	orro	cbcc	cbc	42	37	34	6	18.00	–	–	0.0
Valentia (Cahirciveen)	old	oid c	oco	ord	51	47	45	0.1	18.00	4	3.30	1.8
Roches Point	cbcgv	bc	bc	corr	56	45	.	–	–	4	2.30	.
Pembroke (St. Ann's H.)	orff	bcc	bc	bc	49	46	.	0.5	18.00	–	–	3.4
Ross-on-Wye	rdbcc	cbcv	bcb	bcc	56	42	36	3	18.00	–	–	4.1
Leafield	fordbc	cbc	bcb	bo	53	38	32	7	18.00	–	–	3.8
Winchester (Worthy Dn.)	rrmfro	cbc	bcb	bbcc	54	42	37	7	18.00	–	–	1.6
S Farnborough ...	orrod	odbc	bw	bwbcc	54	39	36	7	18.00	Trace	–	1.1
London (Kew Obsy.) ...	crr	crmbcm	b	cm	55	42	38	6	18.00	Trace	–	1.8
Croydon	cfrrd	cdbcm	bcb cm	c	54	43	39	6	18.00	–	–	0.6
Shoeburyness	orro	c	co	a	54	42	39	3	9.00	–	–	0.0
Clacton-on-Sea ...	ogmro	ogdbc	bc	bcc	50	41	38	2	9.00	–	–	0.3
Felixstowe	corrr	cg bq	bcbw	cm	50	42	39	2	9.00	Trace	–	0.0
Lympne	rrdoffc	cbcm	obcb	bcm	53	42	40	5	18.00	Trace	21.00	0.1
Scilly (St. Mary's) ...	omir	oirim	cimid	cidbf	51	47	.	0.5	18.00	1	21.00	0.0
Falmouth (Pendennis)	orrq	crbccq	cro	corr	54	48	.	2	18.00	1	21.00	2.2
Plymouth (Cattewater)	oqrrd	qomdbc	cqb	bc	54	47	44	2	18.00	–	–	1.7
Portland Bill	orc	cb	cbbc	bcc	52	47	.	4	18.00	–	–	.
Southampton (Calshot)	orrdmc	cbc	bcw	bcwc	55	45	42	9	18.00	Trace	–	1.7
Dungeness	orrodd	dc	cbcb	bccd	52	43	.	5	18.00	Trace	4.30	.
Guernsey	rrmrrr	rrcq	cidb	addbc	52	48	.	7	18.00	1	21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	13th 10h	HIBERNIA	W	3	fb-	46	47
3	14th 2h	BRIGHTON	W	5	c+	48	47

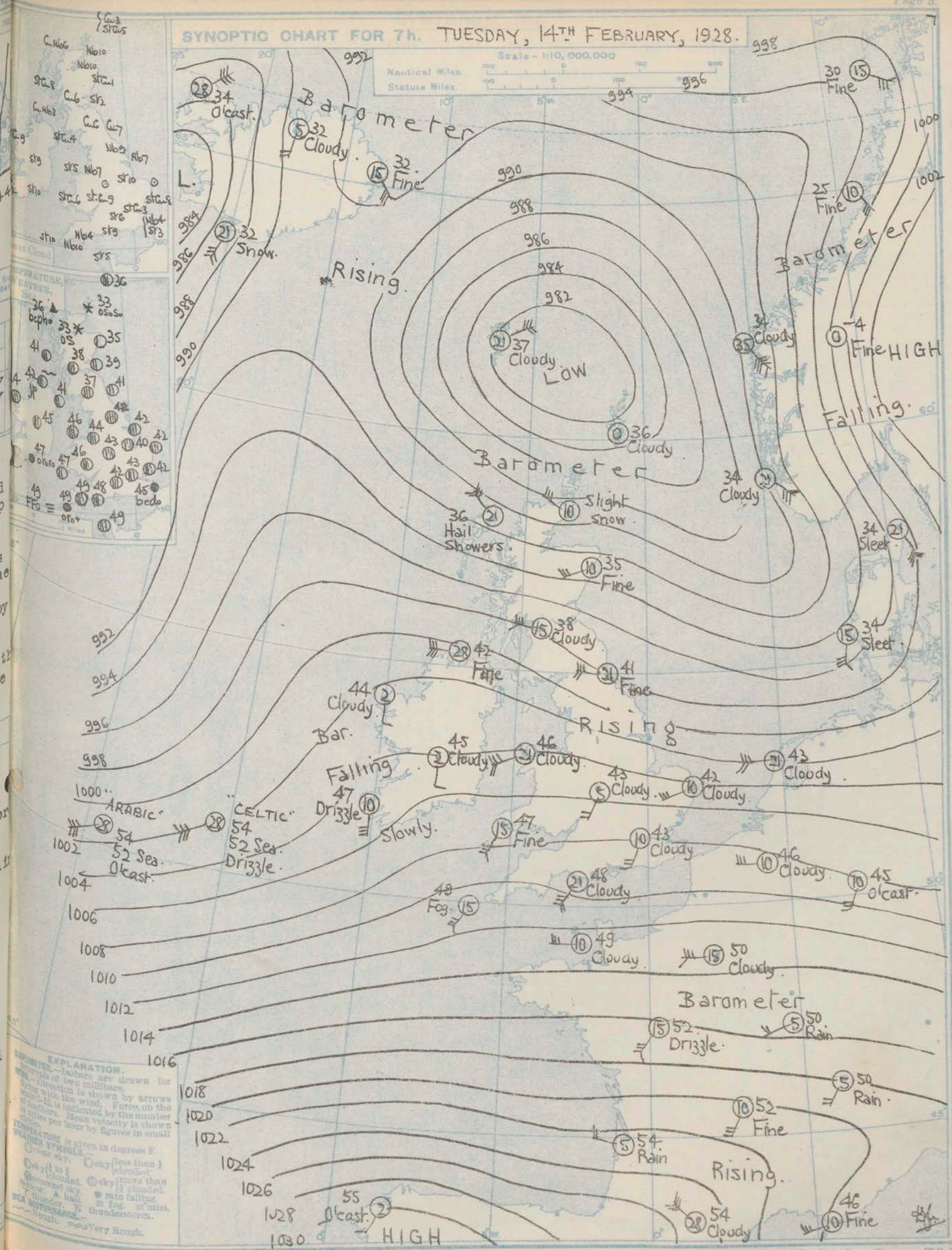
GENERAL INFERENCE.

An anticyclone is centred near Spain and moderately deep depressions lie to the north of Scotland and southwest of Iceland. Warm southwest winds are expected to spread from the Atlantic across Ireland and England and will be preceded by a period of intermittent rain which, however, may not reach Eastern England until late in the day. In Scotland temperature will remain rather low, with further sleet and snow.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 14th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate to fresh southwesterly winds; occasional rain or drizzle, but considerable fair periods; mild.	Continuing unsettled; further sleet or snow at times in Scotland. Considerable fair periods in the South.
7. North Wales 8. N.W. England 9. N. Midlands	As 17 - 20.	
10. N.E. England	As 1 - 6.	South Cone hoisted 20h.05m. yesterday in districts 13A, 13B, 15 and 16; 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	Wind mainly southwesterly, strong at times; occasional rain or sleet, snow locally; rather cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Wind southwesterly, strong at times; occasional rain or drizzle, but considerable fair periods; mild.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920 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.



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 square.

TEMPERATURE is given in degrees F.

WEATHER SYMBOLS.—

○ Clear sky. ◐ sky less than half clouded. ◑ sky half to ¾ clouded. ● sky more than ¾ clouded. ⊘ Overcast sky. ● rain falling. ▲ hail. ≡ fog. ≡ mist. ϒ thunder. ϒ thunderstorm.

SEA DISTURBANCE.—
Rough. Very Rough.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.... Tuesday, 14th February, 1928. No. 41

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	982.8	-5	SW'S	4	or r	38	97	7	4000	Nb.	10	-	10
Stornoway	30	988.9	+3	W	5	ors's	•	•	5	•	•	•	•	•
Wick	81	986.8	0	SW	3	bc	36	97	8	2500	St.Cu.	4	-	4
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•
Malin Head	61	996.5	+1	W	6	bc/pr	43	92	8	4000	Cu.Nb.	3	A.Cu.	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•
Edinburgh (Inchkeith)	180	992.8	+1	W	5	b-	40	85	8	-	-	0	A.Cu.	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•
Tynemouth	67	995.8	+1	W	6	bc	44	85	8	1500	St.	4	A.St.	7
Blacksod Point	18	1001.2	0	S	4	c	46	75	6	•	-	0	A.St.	10
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•
Holyhead	26	1003.3	+2	WSW	5	bc	46	75	7	1500	St.Cu.	5	-	5
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•
Spurn Head	29	999.6	+4	SW	4	c-	42	85	7	4000	St.Cu.	8	-	8
Birmingham (Edgbaston)	565	•	•	•	•	•	•	•	•	•	•	•	•	•
Cranwell	266	1002.1	+4	WSW	4	b-	42	85	6	2500	St.Cu.	2	-	2
Gorleston	14	1002.5	+5	SW'W	2	c	42	92	7	-	-	0	A.St.	10
Valentia (Cabirciveen)‖	30	1007.5	+1	S	2	c/r	48	92	8	*	-	0	A.St.	10
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•
Pembroke (St. Ann's H.)	150	1006.8	+3	SW'W	4	bc	47	92	7	2500	Cu.	3	-	3
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•
S. Farnborough	290	•	•	•	•	•	•	•	•	•	•	•	•	•
London (Kew Obsy.)	18	•	•	•	•	•	45	•	•	•	•	•	•	•
Croydon	344	1006.3	+4	SW'W	3	c	45	92	7	-	-	0	A.Cu.	8
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•
Lympne	350	1006.6	+7	SW	4	b-	43	97	7	-	-	0	-	0
Scilly (St. Mary's)	163	1011.4	+2	WSW	4	c	48	97	8	4000	St.Cu.	8	-	8
Falmouth (Pendennis)	200	1010.5	+4	WNW	3	c-	49	75	9	4000	St.Cu.	8	-	8
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•
Portland Bill	32	1008.3	+2	W	4	bc-	48	85	8	2500	St.Cu.	3	-	3
Southampton (Calshot)	10	1007.7	+3	W'S	4	bc	47	92	8	4000	St.Cu.	4	-	4
Dungeness	20	1006.1	+3	WSW	4	b-	45	97	7	-	-	0	-	0
Guernsey (Fort George)‖	296	1011.6	+4	W	3	c+	49	97	7	1500	St.Cu.	10	-	10

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sun. 0-9
Lerwick	984.0	+3	-	0	c	36	97	8	4000	St.Cu.	8	-	8	•
Stornoway	990.5	+3	NW	5	bc/ph	36	85	6	4000	Cu.Nb.	6	-	6	3
Wick	989.7	+2	WNW	3	os,s	33	97	6	1500	Nb.	10	-	10	1
Tiree	997.3	+4	W'N	6	c	41	75	8	2500	St.Cu.	8	-	8	4
Nairn	993.0	•	NNW	3	oS	33	92	7	800	Nb.	10	-	10	•
Aberdeen	993.1	+3	WSW	3	b	35	85	8	4000	St.Cu.	1	-	1	0
Malin Head	1000.0	+3	W	6	bc/p	42	72	8	4000	Cu.Nb.	3	A.Cu.	4	6
Renfrew	998.4	+4	W	4	c	38	75	7	2500	Cu.	6	A.Cu.	8	•
Edinburgh (Inchkeith)	995.1	+3	SW	4	b+	39	97	8	800	St.	2	Ci.Cu.	4	2
Leuchars	995.6	+4	SW	3	b-	35	85	8	7200	St.Cu.	1	Ci.	1	•
Eskdalemuir	~~997.2~~ 998.6	+4	W	4	c/r	37	85	7	1500	Cu.	6	A.St.	8	•
Tynemouth	997.8	+2	W	5	bc+	41	85	7	1500	Cu.	7	-	7	2
Blacksod Point	1002.1	0	S	1	c	44	86	7	•	St.Cu.	9	-	9	4
Donaghadee	1003.6	+2	W	2	bc	41	75	8	4000	St.Cu.	4	A.St.	6	2
Birr Castle	1003.9	•	S	1	c+	45	86	6	800	St.	9	-	9	•
Holyhead	1004.7	+1	WSW	5	c	46	86	6	1500	St.	5	A.St.	9	4
Liverpool (Bidston)	1003.0	0	W'S	5	c	44	75	7	1500	Nb.	7	A.St.	10	•
Chester (Sealand)	1003.4	+1	W'S	4	c	47	65	6	-	-	0	A.St.	9	
Harrogate	1004.5	+2	SW'W	3	c	42	86	8	2500	Nb.	9	A.St.	10	•
Spurn Head	1001.4	-1	WSW	4	c	42	86	6	4000	Nb.	7	A.St.	9	3
Birmingham (Edgbaston)	1005.8	+1	SW	2	c	43	75	8	-	-	0	A.St.	9	•
Cranwell	1003.5	+1	SW'W	3	or+	40	92	7	1500	St.	10	-	10	•
Gorleston	1004.1	+3	WSW	3	c+	42	86	7	-	-	0	Ci.St.	10	0
Valentia (Cabirciveen)‖	1004.3	-3	S	3	od/d	47	97	6	450	St.	10	-	10	4
Roches Point	1006.9	-1	SW	2	ors	47	97	7	800	St.	10	-	10	1
Pembroke (St. Ann's H.)	1006.4	+1	SW'W	4	bc+	47	92	7	2500	St.Cu.	6	-	6	3
Ross-on-Wye	1006.6	+1	W'S	3	c	46	75	8	2500	St.Cu.	9	A.St.	10	•
Leafield	1006.8	+1	SW'S	2	c	41	92	7	4000	St.Cu.	10	-	10	•
Winchester (Worthy Dn.)	1008.5	+1	SW	3	c	43	85	8	1500	St.Cu.	10	-	10	•
S. Farnborough	1008.6	+2	WSW	3	c	42	92	7	4000	St.	6	A.St.	10	•
London (Kew Obsy.)	1008.0	+2	SW	3	c	43	92	5	2500	St.Cu.	3	A.St.	10	•
Croydon	1008.0	+3	WSW	4	c	44	85	7	4000	St.Cu.	6	A.St.	10	
Shoeburyness	1007.2	+4	WSW	2	c	43	92	8	2500	St.Cu.	4	A.St.	10	+
Clacton-on-Sea	1006.2	+4	W	3	c	42	92	6	5700	St.Cu.	8	-	8	2
Felixstowe	1006.3	+2	SW'S	3	c	43	85	6	4000	St.Cu.	3	A.St.	9	3
Lympne	1008.3	+2	SW	3	c+	42	97	6	1500	St.	6	A.St.	10	•
Scilly (St. Mary's)	1011.2	0	SW	4	FFo	49	97	1	220	St.	10	-	10	5
Falmouth (Pendennis)	1011.1	+1	W	4	ors+	49	97	7	2500	Nb.	10	-	10	1
Plymouth (Cattewater)	1010.5	+1	WSW	5	c	49	85	6	4000	Nb.	4	A.St.	10	2
Portland Bill	1008.9	0	SW'W	5	c	48	92	8	2500	St.	9	A.St.	10	4
Southampton (Calshot)	1009.4	+3	WSW	3	c+	45	86	7	4000	Cu.	8	-	8	0
Dungeness	1008.8	+3	W	3	bcd	45	92	8	1500	Nb.	7	-	7	4
Guernsey (Fort George)‖	1012.4	+2	W	3	c	49	97	7	800	St.	5	A.Cu.	10	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-12h. to 9h. 13th	Temperature. Max. 9h.-17h. 13th	Rainfall.† Night 17h.-9h. 12th-13th	Rainfall.† Day 9h.-17h. 13th	Sunshine. Sunrise to 17h. 13th	Sunshine. Sunrise to Sunset. 12th
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	o	r,r,o	32	37	-	2	0.0	6.9
Douglas (I. o. M.)	or	bc	36	48	4	3	1.6	0.1
Llandudno	doc	c	39	49	4	0.1	0.1	0.0
Colwyn Bay	corc	cbcc	40	50	4	(Trace)	0.4	0.0
Rhyl	pc	bc	38	49	5	0.2	1.2	0.0
Wallasey	oir	ofebc	36	47	3	1	0.7	0.0
Southport	rr	rcbco	* 38	46	2	3	0.3	0.0
Blackpool	or	oc	37	44	2	3	0.0	0.0
Ilkley	ors	or	33	36	2	8	0.0	1.3
Cleethorpes	orsso	ro	33	37	0.3	10	0.0	6.1
Skegness	comr	ro	34	39	Trace	8	0.0	4.0
Aberystwyth	RFc	bbcc	40	48	8	0.3	0.8	0.1
Bath	d,c	c	40	52	9	0.5	0.0	0.0
Cheltenham	ord,e	cbc	38	56	8	0.3	1.2	0.1
Leamington Spa	or	cbbc	36	54	5	1	2.1	0.0
Lowestoft	fcrc	rcrc	36	43	0.3	5	0.0	4.6
Felixstowe	cmcd	crcm	38	49	0.3	2	0.0	0.8
Harwich & Dovercourt	ocrdbc	bcdbc	32	50.	0.2	1	0.2	0.5
Southend	mro	oc	38	53	2	1	0.2	1.1
Ilfracombe	od	ocbc	41	52	13	0.2	1.2	0.0
Bude	q,cd	o p,o	42	51	14	0.3	1.4	0.0
Penzance	bdc	cpro	45	53	16	0.3	0.3	0.0
Paignton	odp	ppcbcb	41	57	12	Trace	3.3	0.0
Torquay	ord	od,pcb	41	57	9	0.1	3.5	0.0
Jersey	rd	rdc	43	52	18	2	0.0	0.0
Weymouth	rdoc	cb	41	54	15	0.2	2.7	0.0
Bournemouth	o	b	42	56	14	-	2.8	0.0
Ventnor	orm	ou b	41	52	15	1	1.3	0.0
Portsmouth (S'thsea)	oro	ocbc	41	55	11	1	1.4	0.3
Bognor	rrc	cbc	41	55	12	2	1.7	0.0
Littlehampton	or	bc	41	54	10	3	1.4	0.2
Worthing	orr	cbc	39	53	10	3	0.0	0.6
Brighton	roc	cbc	41	54	9	2	1.5	0.0
Eastbourne‖	rrdo	ocbc	41	50	9	3	1.1	1.4
Hastings‖	ordmo	ocbbc	41	54	6	4	1.7	1.6
Folkestone	orrfo	omc	37	55	2	4	0.4	1.0
Dover	ordod	bc	40	55	2	3	0.2	1.0
Tunbridge Wells	orodo	cbcb	37	55	5	3	1.7	0.5
Ramsgate	roc	cbc	39	53	1	1	0.3	0.6
Margate	orc	cbc	35	50	1	3	0.0	0.4
Deal	orro	oc	39	54	1	3	0.0	0.7

TERMS OF SUBSCRIPTION.—6/8 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 24191 Wednesday, 15th February, 1928.

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

Stations. (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.
Lerwick	9845	-1	S	3	or r	39	97	7	4000	Nb	10	-	10	•
Stornoway	9960	+5	W	4	c/s	38	92	7	4000	CuNb	9	-	9	•
Wick	9937	+4	WSW	3	c	37	97	8	1500	StCu	6	CaSt	8	•
Tiree	10008	+4	W	3	o	43	65	8	1500	St	10	-	10	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	9977	+3	W	4	bc+	40	55	8	2500	Cu	1	aSt	7	1
Malin Head	10019	+3	SSW	1	or	43	85	6	1500	Nb	10	-	10	•
Renfrew	10017	+4	WSW	4	c/p	43	75	8	2500	StCu	10	-	10	2
Edinburgh (Inchkeith)	9990	+3	W	5	bc	42	75	6	5700	StCu	4	Cu	7	•
Lanchars	10000	+4	WSW	4	c ⊕	43	65	8	4000	StCu	2	aSt	10	1
Eskdalemuir	10017	+2	WSW	5	c	40	65	8	1500	StCu	5	aSt	9	2
Tynemouth	10024	+2	W	4	c+	44	75	6	1500	Nb	8	-	8	•
Blacksod Point	9993	-2	S	5	od	47	97	7	*	Nb	10	-	10	•
Donaghadee	10040	-1	WSW	2	c/p	45	75	7	1500	Nb	8	-	8	•
Birr Castle	10027	•	S	1	od	49	92	6	800	St	10	-	10	•
Holyhead	10050	-1	SSW	4	c	48	92	6	4000	StCu	9	-	9	1
Liverpool (Bidston)	10055	+1	W	3	c	48	75	7	1500	St	1	aSt	9	•
Chester (Sealand)	10053	+1	WSW	4	c	51	65	8	5700	St	6	aCu	8	1
Harrogate	10035	+1	WSW	4	c	45	75	8	4000	Nb	5	aCu	8	•
Spurn Head	10044	+1	W	5	c	45	75	6	1500	St	7	Cu	9	•
Birmingham (Edgbaston)	10072	+1	WSW	3	c+	49	75	8	4000	StCu	9	-	9	2
Cranwell	10063	+1	WSW	4	bc	49	85	6	4000	StCu	3	aCu	9	2
Gorleston	10061	+3	W	3	c	48	75	6	-	-	0	aCu	8	•
Valentia (Cahirciveen)	10063	+3	SW	4	od	53	97	6	220	St	10	-	10	2
Roches Point	10062	0	SW	2	c	53	97	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	10064	-3	SSW	3	FFo	48	97	1	800	St	10	-	10	•
Ross-on-Wye	10074	+1	WSW	3	c	51	75	7	4000	StCu	9	-	9	1
Lossiemouth	10080	+2	SW	4	c/pr	47	85	7	1500	Nb	7	aSt	10	2
Winchester (Worthy Dn.)	10098	0	SSW	3	c	50	85	7	1500	St	8	aSt	10	2
S. Farnborough	10097	+1	SW	4	cd	50	85	6	1500	Nb	7	aSt	10	2
London (Kew Obsy.)	10100	+1	SSW	3	c	50	75	6	2500	StCu	4	aSt	10	2
Croydon	10099	0	SSW	3	cr	50	75	7	2500	St	3	aSt	10	1
Shoeburyness	10091	+1	WSW	5	bc-	52	75	6	-	-	0	aCu	4	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	10087	+1	SSW	4	c-	49	75	6	5700	StCu	5	aCu	8	1
Lympne	10102	+1	WSW	4	c	48	85	7	4000	StCu	7	aSt	10	2
Scilly (St. Mary's)	10116	+1	WSW	7	odd	51	97	5	1500	St	10	-	10	•
Falmouth (Pendennis)	10119	+1	W	5	od	53	97	6	1500	Nb	10	-	10	•
Plymouth (Cattewater)	10103	-1	WSW	5	odd	52	97	6	220	Nb	10	-	10	2
Portland Bill	10095	-1	SW	4	odd	49	97	3	220	St	10	-	10	•
Southampton (Calshot)	10103	-1	WSW	5	c	50	92	7	800	St	8	aSt	9	1
Dungeness	10107	+2	WSW	4	cr	47	92	7	2500	StCu	10	-	10	•
Guernsey (Fort George)	10129	-1	WSW	6	odd	51	97	3	450	St	10	-	10	•

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

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	9898	+9	W	3	bc	40	92	8	4000	Cu	3	CaSt	6	•
Stornoway	9986	+2	W	2	c/pr	37	97	7	4000	CuNb	8	-	8	1
Wick	9976	+4	W	2	bc	36	92	8	1500	CuNb	3	CaSt	5	0
Tiree	10005	0	SE	2	o	39	97	8	800	St	10	-	10	1
Nairn	10000	•	W	1	bc	36	85	8	4000	Cu	7	-	7	•
Aberdeen	10011	+4	SSW	2	bc-	38	75	5	-	-	0	aCu	3	0
Malin Head	9996	-1	SSE	2	odd	43	97	5	800	St	10	-	10	2
Renfrew	10019	+3	SW	3	o/r	40	92	5	2500	St	10	-	10	•
Edinburgh (Inchkeith)	10010	+2	SW	3	c	40	92	6	800	Cu	8	-	8	1
Lanchars	10014	+2	WSW	3	c	38	85	8	4000	StCu	6	aSt	10	•
Eskdalemuir	10028	+2	SE'S	1	od	37	92	6	1500	Nb	10	-	10	•
Tynemouth	10040	+1	SW	2	o	42	85	5	1500	Nb	10	-	10	2
Blacksod Point	10009	+1	WSW	3	cd	50	97	7	•	Nb	9	-	9	5
Donaghadee	10028	-2	SSE	2	mno	44	97	4	800	St	10	-	10	2
Birr Castle	10039	•	SSW	2	orr	52	97	6	1500	Nb	10	-	10	•
Holyhead	10044	-1	SSW	5	o	47	97	6	220	St	10	-	10	3
Liverpool (Bidston)	10041	-1	SW	3	o/pr	49	85	6	2500	St	10	-	10	•
Chester (Sealand)	10041	-1	SW'S	3	c	51	85	6	2500	StCu	10	-	10	•
Harrogate	10053	0	-	0	odd	43	92	5	2500	St	10	-	10	•
Spurn Head	10055	0	SSE	2	o	43	92	5	1500	St	10	-	10	1
Birmingham (Edgbaston)	10063	-1	SSW	2	or	48	92	6	1500	Nb	10	-	10	•
Cranwell	10065	0	SW	3	od	46	97	6	800	St	10	-	10	•
Gorleston	10076	+2	SSW	1	c	48	85	6	4000	StCu	5	aSt	10	0
Valentia (Cahirciveen)	10083	+5	SW'W	4	c	53	92	7	450	St	10	-	10	4
Roches Point	10077	+3	W	3	c/r	53	97	8	1500	StCu	10	-	10	4
Pembroke (St. Ann's H.)	10069	+2	SW	5	oRR	49	97	3	800	Nb	10	-	10	4
Ross-on-Wye	10066	-2	SW	3	cr	52	85	8	2500	Nb	9	aSt	10	•
Lossiemouth	10072	-1	SW	3	or	48	97	6	450	Nb	10	-	10	•
Winchester (Worthy Dn.)	10090	0	SW	3	dd	52	97	6	800	StCu	10	-	10	•
S. Farnborough	10088	-1	SW	4	od	51	92	6	800	Nb	10	-	10	•
London (Kew Obsy.)	10087	-2	SW	3	cd	49	97	4	800	Nb	8	aSt	10	•
Croydon	10091	-1	SW'S	3	cd	49	97	6	450	Nb	7	aSt	10	•
Shoeburyness	10087	0	SW	2	odd	47	97	7	1500	St	10	-	10	•
Clacton-on-Sea	10089	0	W	2	c	46	92	6	5700	StCu	8	-	8	2
Felixstowe	10093	+1	SSW	2	c	46	92	6	2500	StCu	4	aSt	8	0
Lympne	10095	-2	SSW	3	odd	46	97	1	<150	St	10	-	10	•
Scilly (St. Mary's)	10130	+2	SW'W	6	c	51	97	4	2500	St	10	-	10	6
Falmouth (Pendennis)	10124	+1	W'S	6	odd	52	97	6	2500	Nb	10	-	10	4
Plymouth (Cattewater)	10127	+4	W	6	od	53	97	6	450	Nb	10	-	10	5
Portland Bill	10107	+1	SW'W	5	c	50	97	6	1500	St	8	aSt	9	4
Southampton (Calshot)	10098	+1	SW'W	5	odd	49	97	6	220	St	10	-	10	0
Dungeness	10096	-2	SW	3	Fo	47	97	1	220	St	10	-	10	3
Guernsey (Fort George)	10146	+2	W	6	odd	51	~~65~~ 97	3	450	St	10	-	10	6

London Observations.	Heights above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset, hrs. Yesterday.	Humidity. 15h. G.M.T. % Yesterday.	Humidity. 9h. G.M.T. % To-day.	Visibility. To-day.
Kew	18	cnw	czdm	crmcr	51	49	49	0·1	2	0·0	*	*	6
Croydon	244	cnz	czddm	crrcr	51	49	48	0·1	3	0·0	*	*	6
Greenwich (Royal Obsy.)	149	c	cd	odrdr	52	52	47	0·3	2	0·2	84	92	5
City (Bunhill Row)	20	*	*	*	*	*	*	*	*	0·1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	52	45	42	2		0·0	71	85	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	44	*	*	*	0·0	*	*	*
Camden Square	110	oc	cor	*	53	~~44~~ 47	47	0·3	2	*	*	91	*
Kensington Palace	80	o	od	*	51	50	48	0·3	3	*	(At 18h. 93)	87	*
Hampstead Observatory	450	*	*	*	51	48	42	1	1	0·0	*	92	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

24 Hr. ended Th. G.M.T. 15th

South Kensington *

Max.	Time.	Min.	Time.
1·0	19h. 14th	<0·3	2h. 15th

Kew Observatory

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

Pole Star Record at Greenwich Obsy.

Exposure from 14th 18 h. 30 m. to 15th 6 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11·30	N.R.	N.R.
δ Ursæ Minoris	11·30	N.R.	N.R.

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).

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

14th and 15th February, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·14	12·7	17·1
	7·12	12·7	17·3
Greenwich	7·18	12·14	17·11
	7·16	12·14	17·13
Wick	7·51	12·27	17·14
	7·48	12·27	17·6
Valentia	8·00	12·55	17·49
	7·58	12·55	17·51

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.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r) = "hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain.
rr = continuous rain.

Symbols.

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

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

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

Sea Disturbance.

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

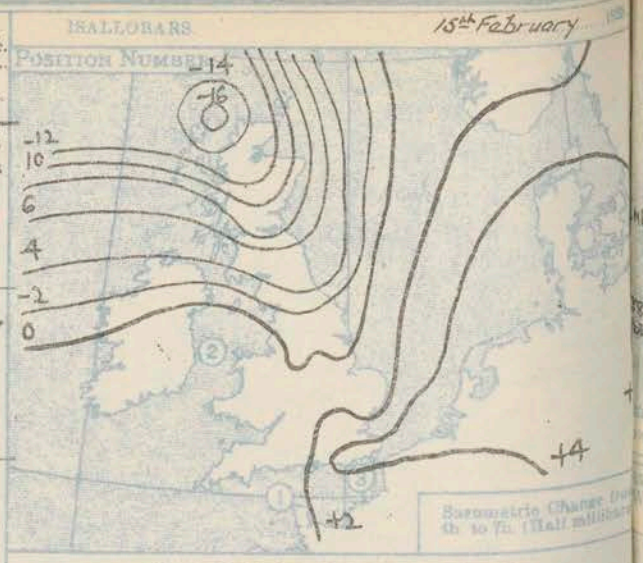
§ Telegraphic Code for Surface Visibility.

	Objects not visible at 55 yards.
0. Dense fog.	220 „
1. Thick fog.	550 „
2. Fog.	1,100 „
3. Moderate fog.	1¼ miles.
4. Mist or haze.	2½ „
5. Poor visibility.	6½ „
6. Moderate.	12½ „
7. Good.	21 „
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. 14th	13h.-18h. 14th	18h. 14th to 1h. 15th	1h.-7h. 15th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 14th. Hours.
Lerwick	corr	pir cbc	or cbc	bcc	43	38	•	2	11.00	2	21.00	1.4
Stornoway	s-pg	c	c	r-d	39	35	•	1	-	6	-	1.4
Wick	os sc	cps bc	b-bc	Rr r	38	33	•	1	18.00	2	4.30	•
Tiree	co	pur o	pdo	prdo	43	38	34	1	12.30	5	21.00	0.0
Nairn	spbcc	bc	bcx	bc	40	30	•	2	18.00	0.5	5.30	2.8
Aberdeen	bbccy	cbcm	bc	bc orm	41	34	28	-	-	Trace	6.30	4.1
Malin Head	bbprcm	cm cd	ad mcam	cr	44	43	•	0.3	18.00	1	21.00	0.3
Renfrew	c	cr orm	oid f	ofidrq	44	38	38	Trace	15.30	3	21.00	1.7
Edinburgh (Inchkeith)	bcc	c		opr g	43	38	37	-	-	Trace	2.30	3.9
Leuchars	b bcc	c	cbcc	co d	43	37	33	-	-	0.2	5.30	3.1
Eskdalemuir	cbcc	coid m	odd m	oddm	40	36	36	0.1	16.30	3	21.00	1.3
Tynemouth	bc	om	oid	offir	46	40	38	-	-	1	21.00	•
Blacksod Point	cd	d d	dr	rcq	52	41	•	1	-	8	—	•
Donaghadee	bcc	rr dr	cir	circ	46	44	•	2	13.30	2	21.00	•
Birr Castle	od d	orr m	orr	orro	52	51	51	5	18.00	5	21.00	0.0
Holyhead	cm	d ff	cm	rrom	49	47	47	Trace	13.30	7	24.00	1.7
Liverpool (Bidston)	cq	com	od	orp c	49	48	46	Trace	17.30	6	21.00	1.5
Chester (Sealand)	cz c	cm	pr c	corr	51	51	47	-	-	5	21.00	0.4
Harrogate	cbc	cod	oifdd	odd	46	43	42	Trace	17.30	2	21.00	3.5
Spurn Head	c	c	opdfo	orr	46	42	•	-	-	3	21.00	1.3
Birmingham (Edgbaston)	bcc	cor	orr c	lorr	49	47	46	0.2	17.30	5	21.00	0.7
Cranwell	ocbc	cid	cdnbcm	cr	51	45	44	Trace	16.30	0.2	5.30	1.5
Gorleston	cq	cm	cm bc	bcor	50	43	43	-	-	0.1	5.30	0.8
Valentia (Cahirciveen)	oid	or o	or idq	oid	54	51	51	7	18.00	2	21.00	0.0
Roches Point	orddc	cir c	cpobc	cod d	55	50	•	3	18.00	2	21.00	•
Pembroke (St. Ann's H.)	ffdd	if rr	offe	offr	49	48	•	3	18.00	4	21.00	0.0
Ross-on-Wye	c	cid	ropro c	cocq	52	51	49	Trace	15.30	3	21.00	0.3
Leafield	cr c	oid	orc	cod	48	47	46	0.3	11.00	3	21.00	0.0
Winchester (Worthy Dn.)	cpr c	od m	orrm d	omd	52	51	49	Trace	11.00	2	21.00	0.0
S Farnborough	c	cd dodm	od nifro	oro	51	50	49	0.1	12.30	3	21.00	0.0
London (Kew Obsy.)	cm w	cz d m	crrm c	cr c	51	49	49	0.1	14.30	2	21.00	0.0
Croydon	cm z	cr d m	cm rr	crr	51	49	48	0.1	12.30	3	21.00	0.0
Shoeburyness	bcm	bcomd	omd	orodo	52	46	46	Trace	15.30	2	3.30	0.6
Clacton-on-Sea	cm	cm	coro	opd	50	44	44	-	-	3	21.00	0.1
Felixstowe	cm	cm r	cm r	crrm	51	45	44	Trace	16.30	2	21.00	0.8
Lympne	cm c	om	oddfo	orrm	51	46	45	0.3	17.30	4	21.00	0.3
Scilly (St. Mary's)	odifm	oifid	ifdm	cidim	51	50	•	3	18.00	0.2	22.00	0.0
Falmouth (Pendennis)	orn r	omdq	ord o	omdqc	53	51	•	2	18.00	0.1	21.00	0.0
Plymouth (Cattewater)	com r	omd cq	om odd	om	53	50	50	2	9.00	1	21.00	0.0
Portland Bill	co b	oid cz	coD foz	oz	50	48	•	1	9.00	Trace	21.00	•
Southampton (Calshot)	cirmd	cod d	odd rdd	oidm	50	48	48	0.3	11.00	2	21.00	0.0
Dungeness	cd cr	cr cb	dffrod	oddir	48	(47)	•	0.1	18.00	3	22.00	•
Guernsey	id	dd	ddffoidm	oidqc	51	50	•	3	18.00	1	21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	14th 10h.	HIBERNIA	WSW	5	C	47	46
1	14th 18h.	REINDEER	W	5	fo-	52	49
3	15th 2h.	ARUNDEL	W	6	r	45	48

GENERAL INFERENCE.

An anticyclone is still centred over Spain. A deep depression off the Hebrides will probably move northeast but pressure will remain low out on the Atlantic. Winds will be southwesterly strong to a gale at times except perhaps in Southeast England, with mild and mainly cloudy, unsettled weather.

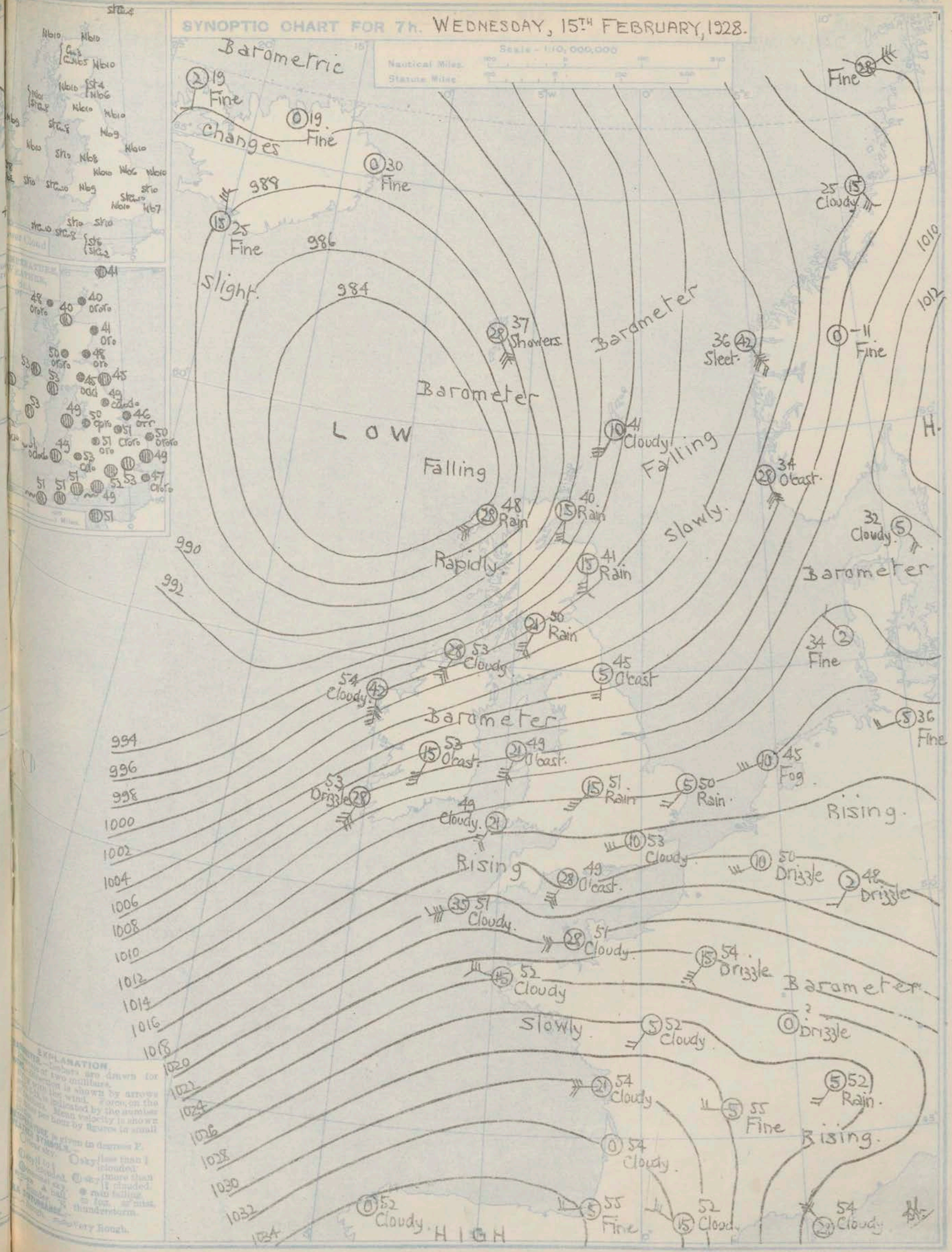
Wednesday, 15th February, 1928.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England	Moderate to fresh southwesterly winds, stronger at times; mainly cloudy; occasional rain, mostly in the form of slight drizzle; mist or moderate fog at times locally; mild.	Unsettled and mild. South Cone still flying.
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	Southwesterly winds, strong to a gale at times; mainly cloudy, occasional rain or drizzle; mist or moderate fog at times locally; mild.	

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

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

SYNOPTIC CHART FOR 7h. WEDNESDAY, 15TH FEBRUARY, 1928.



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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION. Wednesday, 15th February, 1928. No. 46.

STATIONS.	Height above M.S.L. in feet.	1h. Barom. at M.S.L. mb.	1h. Change in 3 Hours	1h. Wind Direc.	1h. Wind Force 0-12	1h. Weather	1h. Temp. °F.	1h. Humidity %	1h. Visibility 0-9	1h. Low Cloud Height Feet	1h. Low Cloud Form	1h. Low Cloud Amt. 0-10	1h. Upper Form	1h. Total Amt. 0-10	7h. Barom. at M.S.L. mb.	7h. Change in 3 Hours	7h. Wind Direc.	7h. Wind Force 0-12	7h. Weather	7h. Temp. °F.	7h. Humidity %	7h. Visibility 0-9	7h. Low Cloud Height Feet	7h. Low Cloud Form	7h. Low Cloud Amt. 0-10	7h. Upper Form	7h. Total Amt. 0-10	Sea 0-9
Observations at 1h. G.M.T. 15th / 7h. G.M.T. 15th																												
Lerwick	64	996.8	+4	W	3	bcjp	40	92	8	4000	Cu.Nb.	5	–	5	994.8	-3	SSW	3	c	44	92	8	5700	St.Cu.	4	A.St.	9	•
Stornoway	30	1000.7	-2	S	3	c+	•	•	6	•	•	•	•	•	984.5	-16	SW	6	or$_0$r$_0$	48	97	6	2600	Nb.	10	–	10	5
Wick	31	1000.9	+1	WSW	2	bc	34	97	8	1500	Cu.Nb.	2	A.St.	4	993.1	-9	S	4	or$_0$r$_0$	40	97	8	1500	Nb.	10	–	10	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	[991.6]	[(-6)]	[SSW]	[7]	[r;p]	[50]	[97]	[6]	[450]	[Cu.Nb.]	[5]	[A.St.]	[10]	[6]
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	989.4	•	W	1	c+	40	85	8	4000	Cu.Nb.	8	–	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	996.6	-8	S	4	or$_0$	41	97	4	800	Nb.	10	–	10	0
Malin Head	51	1000.5	0	SSW	4	cr$_0$	49	92	6	4000	Nb.	2	A.St.	10	995.7	-5	SW	6	c/r	53	92	7	5700	St.Cu.	9	–	9	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	998.4	-8	SSW	5	or$_0$r$_0$	50	92	5	800	Nb.	10	–	10	•
Edinburgh (Inchkeith)	190	1002.7	+2	S	1	o	40	92	8	1500	St.	10	–	10	998.0	-8	SSW	2	or$_0$	48	92	8	800	Nb.	10	–	10	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	997.8	-7	NNE	2	or	39	97	5	450	Nb.	10	–	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1001.5	-5	SSW	4	odd	46	97	5	460	Nb.	10	–	10	•
Tynemouth	67	1005.6	+1	S	2	o/d	41	97	6	1600	Nb.	10	–	10	1002.8	-4	S	2	o/f	45	97	6	1500	Nb.	10	–	10	2
Blacksod Point	18	1001.0	0	WSW	6	orr	51	97	5	•	Nb.	10	–	10	998.0	-2	S	8	c	54	85	6	•	Cu.Nb.	9	–	9	7
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.6	-3	SW	4	c–	53	85	7	2500	St.Cu.	8	–	8	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	[1005.8]	•	SSW	4	o/r	53	92	6	1500	Nb.	10	–	10	•
Holyhead	26	1007.7	+2	SSW	3	or$_0$	49	97	6	800	Nb.	10	–	10	1007.2	0	SSW	5	o	49	97	5	450	St.	10	–	10	4
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.2	0	SW'W	4	c/pr$_0$	50	92	7	2600	Nb.	8	A.St.	10	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1007.5	0	WSW	4	cr$_0$	53	85	8	1600	St.	9	A.St.	10	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1006.0	-1	SSW	3	cd$_0$d$_0$	49	97	5	2500	Nb.	9	A.St.	10	•
Spurn Head	29	1006.3	+2	WSW	3	o	47	97	5	1500	St.	10	–	10	1007.5	0	S'W	3	orr	46	97	5	1500	Nb.	10	–	10	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.2	0	SW	4	or$_0$	51	92	8	800	Nb.	10	–	10	•
Cranwell	236	1008.3	+4	W	3	bc	50	97	6	1500	St.Cu.	3	–	3	1009.1	0	SW'S	5	cr$_0$r$_0$	51	97	6	800	Nb.	6	A.St.	10	•
Gorleston	14	1007.9	+1	WSW	1	bc–	49	92	6	–	–	0	A.St.	4	1011.1	+3	SW	2	or$_0$r$_0$	50	92	6	2500	Nb.	10	–	10	0
Valentia (Cahirciveen)♇	30	1009.8	-1	W	5	o/r	52	97	7	+	St.	10	–	10	1009.6	0	SSW	6	od$_0$	53	92	6	800	St.	10	–	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.7	+2	SW	3	od$_0$d$_0$	51	97	6	800	St.	10	–	10	4
Pembroke (St. Ann's H.)	150	1011.8	+4	SW'W	5	FFo	49	97	1	800	St.	10	–	10	1012.5	+2	SW	5	c/r	49	97	5	800	St.Cu.	10	–	10	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1012.0	0	WSW	6	cd$_0$	53	85	7	2500	Nb.	9	A.St.	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.5	+1	SW'W	5	od$_0$	49	97	6	450	St.	10	–	10	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.6	+3	SW'S	3	od$_0$	52	97	6	800	St.	10	–	10	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.8	*	W'S	4	o	52	97	7	450	Nb.	10	–	10	•
London (Kew Obsy.)	18	•	•	•	•	•	53	•	•	•	•	•	•	•	1014.7	+2	SW'W	3	c/r	53	92	7	1600	St.Cu.	10	–	10	•
Croydon	244	1012.0	+4	W'S	4	c	53	92	8	1500	St.Cu.	9	A.St.	10	1014.7	+3	WSW	4	c/r	53	92	7	2500	Nb.	9	A.St.	10	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.4	+5	SW	3	c/r	52	97	8	1500	St.Cu.	10	–	10	2
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.0	+2	W	3	o	49	97	6	4000	St.	10	–	10	1
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.3	+4	S'W	3	oRR	48	97	4	800	Nb.	10	–	10	•
Lympne	350	1011.2	+1	WSW	3	o	49	97	6	1500	St.	10	–	10	1015.6	+4	SW	4	orr	50	97	5	220	St.	10	–	10	7
Scilly (St. Mary's)	163	1017.4	+4	SW'W	6	c/d	51	97	6	4000	St.Cu.	10	–	10	1018.3	+2	SW'W	7	c	51	92	7	4000	St.Cu.	10	–	10	4
Falmouth (Pendennis)	200	1017.3	+4	W	5	odd	52	97	6	2600	Nb.	10	–	10	1018.4	+1	W	7	c+	51	92	6	4000	St.Cu.	8	–	8	•
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.3	+2	WSW	4	o	51	92	6	800	St.	10	–	10	–
Portland Bill	32	1014.6	+6	SW'W	5	o	49	97	6	2500	St.	10	–	10	1016.7	+1	SW'W	6	o	49	97	6	1600	St.	10	–	10	0
Southampton (Calshot)	10	1014.0	+5	SW	3	o	50	97	7	450	St.	10	–	10	1016.7	+5	WSW	4	o	49	97	6	450	St.	10	–	10	3
Dungeness	20	1011.2	+2	W	5	od$_0$	[48]	97	7	1500	Nb.	10	–	10	1015.8	+4	WSW	4	cr$_0$r$_0$	47	97	6	1600	Nb.	7	A.St.	10	5
Guernsey (Fort George)♇	295	1017.0	+4	WSW	4	odd	51	97	4	1500	Nb.	10	–	10	1021.6	+2	W'S	6	c–	51	92	6	800	St.	8	–	8	

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14th February 1928.

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. 13th-14th (6) mm.	Rainfall Day 9h.-17h. 14th (7) mm.	Sunshine Sunrise to 17h. 14th (8) hr.	Sunshine Sunrise to Sunset 13th (9) hr.
Berwick-on-Tweed	bc	co	34	43	–	–	2.2	0.0
Douglas (I. o. M.)	cbbcc	oRRoF	36	47	0.5	1	2.1	1.6
Llandudno	c	c	42	50	–	–	0.5	0.1
Colwyn Bay	cbcc	cbcc	43	53	–	–	1.4	0.4
Rhyl	bc	bcc	41	54	–	–	2.7	1.2
Wallasey	cbbc	bcco	36	49	Trace	–	1.1	0.7
Southport	ocbc	cbcor	*44	48	–	0.6	0.6	0.3
Blackpool	co	comd	39	46	–	0.5	0.2	0.0
Ilkley	bc	bcc	32	48	2	–	3.5	0.0
Cleethorpes	cb	c	34	48	–	–	1.4	0.0
Skegness	coe	obco	36	50	Trace	–	1.5	0.0
Aberystwyth	cp$_0$c	cr	44	49	Trace	0.6	0.0	0.8
Bath	cp$_0$	cd	45	52	–	1	0.0	0.0
Cheltenham‡	co	od$_0$c	42	51	–	Trace	0.0	1.2
Leamington Spa	cb	c	38	50	–	–	0.4	2.1
Lowestoft	cbc	cprc	37	50	Trace	Trace	0.5	0.0
Felixstowe	crn	bcm	39	52	–	–	0.6	0.0
Harwich & Dovercourt	ocdoc	ocbc	42	52	Trace	–	1.0	0.2
Southend	moc	com	40	53	0.2	–	1.7	0.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	do	of	47	52	0.6	0.3	0.0	1.2
Bude	odd	odd	48	51	0.5	1	0.0	0.0
Penzance	od	or$_0$dm	48	54	[?6]	0.3	0.0	0.3
Paignton	op$_0$d	bcacpq	46	56	–	0.1	1.3	3.3
Torquay	op$_0$q	ojpqu	47	57	Trace	Trace	1.0	3.5
Jersey	r	dr	47	52	1	3	0.0	0.0
Weymouth	odf	pc	45	51	–	1	0.0	2.7
Bournemouth	o	d	44	51	–	1	0.0	2.8
Ventnor	ou	omrpdo	44	49	–	0.3	0.0	1.3
Portsmouth (S'thsea)	o	od$_0$	45	51	–	0.2	0.0	1.4
Bognor	o	Dc	45	49	–	1	0.0	1.7
Littlehampton	c	cromo	44	48	–	0.3	0.0	1.4
Worthing	c	oro	43	48	–	0.3	0.0	0.6
Brighton	od	df	43	47	1	1	0.0	1.5
Eastbourne‡	o	odjrfd	45	50	Trace	2	0.1	1.1
Hastings‡	ocbcc	corfdf	43	51	0.4	1	0.3	1.7
Folkestone	omc	codd	42	50	0.1	[{Trace}]	0.5	0.4
Dover	coc	cbcodm	43	49	–	Trace	0.4	0.2
Tunbridge Wells	o	odo	40	51	Trace	Trace	0.0	1.7
Ramsgate	cbc	bcc	42	52	–	–	0.5	0.3
Margate	cbc	bcc	41	53	–	–	0.3	0.0
Deal	o	cbcc	42	52	1		(0.6)	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. 8.24.192 Thursday, 16th February, 1928.

Observations at 18h. 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	978.3	-15	S'W	5	orr	45	97	7	4000	Nb	10	-	10	•
Stornoway	979.3	-4	SW	7	orr	50	97	6	1500	Nb	10	-	10	•
Wick	983.7	-9	SSW	4	c̊	48	97	8	1500	Nb	8	CiSt	10	•
Tiree	990.2	0	SW	8	o̊	49	85	5	<150	Nb	10	-	10	2
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	988.7	-6	SW	5	b	54	65	8	2500	Cu	<1	aSt	1	2
Malin Head	996.1	+4	WSW	9	c	50	92	6	1500	St	8	aSt	10	•
Renfrew	996.4	-1	WSW	7	cr	52	75	7	450	StCu	10	-	10	2
Edinburgh (Inchkeith)	993.4	-5	WSW	7	cjp	52	75	8	800	CuNb	9	-	9	•
Leuchars	992.9	-3	WSW	7	cjp	53	85	7	1500	CuNb	9	Ci	9	1
Eskdalemuir	998.6	-3	SSW	6	o	49	85	6	1500	St	10	-	10	2
Tynemouth	999.7	-4	W	5	bc	55	75	7	1500	CuNb	5	-	5	•
Blacksod Point	1003.2	+3	SW	7	c	52	85	7	-	-	0	aSt	8	•
Donaghadee	1000.0	-2	W	8	bc-	56	65	7	1500	Cu	5	-	5	•
Birr Castle	1007.4	•	WSW	7	c-	55	75	7	2500	Cu	8	-	8	•
Holyhead	1007.6	-1	SSW	6	c	50	97	5	450	St	9	-	9	2
Liverpool (Bidston)	1006.2	-3	SW'W	6	bc-	55	75	8	-	-	0	aSt	7	•
Chester (Sealand)	1006.7	-3	SW'W	6	bc-	57	75	8	2500	Cu	1	aCu	5	2
Harrogate	1003.6	-4	SW	8	bc	53	85	7	-	-	0	aSt	6	•
Spurn Head	1006.3	-2	WSW	6	c-	53	85	7	2500	Nb	8	-	8	•
Birmingham (Edgbaston)	1012.1	+1	WSW	6	cr	51	92	8	1500	Nb	9	-	9	2
Cranwell	1009.8	+1	SW	6	c	53	92	6	1500	StCu	10	-	10	1
Gorleston	1010.6	0	WSW	5	c	54	92	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1012.6	+2	SW'W	4	cjp	54	92	7	800	St	10	-	10	2
Roches Point	1013.8	+2	SW	3	c	53	97	8	1500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1013.6	+1	SW	7	o	49	97	6	800	St	10	-	10	•
Ross-on-Wye	1012.4	0	W'S	6	bc	55	75	8	4000	Cu	5	aCu	6	2
Lanfield	1014.3	+1	SW'W	6	c	50	92	7	2500	StCu	10	-	10	2
Winchester (Worthy Dn.)	1016.6	+1	SW	5	c	53	92	6	800	St	9	-	9	2
S. Farnborough	1016.5	+2	SW	5	od	53	92	6	800	Nb	10	-	10	2
London (Kew Obsy.)	1016.2	+1	WSW	4	c	54	85	6	800	StCu	10	-	10	2
Croydon	1016.8	+1	WSW	4	o	54	85	7	1500	St	10	-	10	2
Shoeburyness	1014.6	+1	W'S	5	c	54	97	7	2500	StCu	8	aSt	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1013.3	0	SW	5	c	55	85	6	1500	StCu	6	aSt	9	2
Lympne	1016.7	+2	SW'W	6	o	50	92	6	450	St	10	-	10	2
Scilly (St. Mary's)	1019.8	+1	SW'W	6	c	52	85	6	4000	StCu	10	-	10	•
Falmouth (Pendennis)	1019.1	+1	WSW	8	c	53	85	7	2500	St	5	aCu	8	•
Plymouth (Cattewater)	1020.1	+1	WSW	6	o	51	85	6	800	St	10	-	10	2
Portland Bill	1018.4	+1	SW'W	6	c-	50	92	6	1500	St	7	aCu	9	•
Southampton (Calshot)	1018.1	+2	WSW	6	c	52	85	6	800	St	9	-	9	2
Dungeness	1017.6	+2	W	6	olr	49	92	6	800	St	10	-	10	•
Guernsey (Fort. George)	1022.6	0	WSW	6	bclr	52	85	7	4000	StCu	5	Ci	6	•

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	974.1	-3	SW	5	orr	46	92	7	4000	Nb	10	-	10	•
Stornoway	987.9	+16	W	7	o|pR	47	85	6	2500	CuNb	9	-	9	6
Wick	984.0	-3	W	5	bc	46	85	8	2500	StCu	5	Ci	6	4
Tiree	997.6	+8	W	8	c	47	85	7	1500	StCu	8	-	8	7
Nairn	988.2	•	WSW	6	bc	48	75	8	4000	CuNb	7	-	7	•
Aberdeen	988.8	+1	SW	5	b-	50	65	8	2500	Cu	<1	Ci	1	3
Malin Head	1003.0	+10	WSW	6	bc	47	85	6	5700	StCu	6	-	6	7
Renfrew	999.5	+5	W	8	c	49	75	7	800	StCu	9	CiSt	10	•
Edinburgh (Inchkeith)	996.1	0	WSW	10	c	48	75	7	800	St	8	-	8	5
Leuchars	995.4	+6	WSW	7	bc|pr	49	75	8	1500	CuNb	5	Ci	5	•
Eskdalemuir	1002.4	+5	SW'W	6	c	47	75	7	2500	StCu	9	-	9	•
Tynemouth	1001.2	+3	W	7	bc	53	75	7	800	St	4	-	4	4
Blacksod Point	1006.8	+2	SW	4	bc	49	85	7	•	StCu	7	-	7	5
Donaghadee	1004.9	+7	W	8	bc-	50	65	7	1500	Cu	4	-	4	6
Birr Castle	1010.1	•	SW	7	c	51	75	7	1500	Nb	8	-	8	•
Holyhead	1010.2	+5	SW'S	5	fo	48	97	3	220	St	10	-	10	4
Liverpool (Bidston)	1009.9	+4	SW	4	bc|jp	51	85	8	2500	StCu	4	aCu	7	•
Chester (Sealand)	1010.0	+5	WSW	4	bc-	53	85	8	1500	StCu	1	Ci	5	•
Harrogate	1005.7	+5	WSW	8	b	51	85	7	800	Nb	<1	CiCu	1	•
Spurn Head	1005.6	-2	WSW	6	bc-	52	85	7	4000	StCu	3	CiCu	5	4
Birmingham (Edgbaston)	1013.6	+2	WSW	5	c	52	85	8	1500	St	3	aCu	8	•
Cranwell	1010.3	+2	SW'W	4	bc	53	92	7	2500	Cu	4	-	4	•
Gorleston	1011.3	0	SW'W	4	bc	55	85	7	1500	Nb	5	-	5	1
Valentia (Cahirciveen)	1011.9	-1	SW'S	4	cr	53	92	7	800	St	8	aSt	10	4
Roches Point	1013.8	0	SW	3	od	52	97	6	800	St	10	-	10	4
Pembroke (St. Ann's H.)	1014.4	+1	SW	6	od	49	97	5	800	St	10	-	10	5
Ross-on-Wye	1013.9	+2	W'S	5	bc	53	85	6	2500	Nb	6	CiCu	7	•
Lanfield	1015.3	+2	SW'W	5	c	50	92	8	1500	StCu	10	-	10	•
Winchester (Worthy Dn.)	1017.9	+1	SW'S	4	o	52	92	6	800	St	10	-	10	•
S. Farnborough	1017.1	+2	SW	4	o	52	92	6	800	Nb	10	-	10	•
London (Kew Obsy.)	1016.6	+1	SW	4	c	53	92	6	800	StCu	10	-	10	•
Croydon	1016.8	+1	SW'W	5	od	51	92	6	800	Nb	10	-	10	•
Shoeburyness	1015.6	+1	WSW	5	c	52	97	7	2500	StCu	9	-	9	•
Clacton-on-Sea	1014.8	+1	WSW	5	o	51	92	6	4000	St	10	-	10	•
Felixstowe	1014.7	+2	SSW	5	c	51	85	6	800	St	8	aSt	10	3
Lympne	1017.9	+2	SW'W	6	o	50	92	6	450	St	10	-	10	•
Scilly (St. Mary's)	1019.8	+1	SW'W	6	c	51	97	6	4000	StCu	10	-	10	6
Falmouth (Pendennis)	1019.9	+1	WSW	7	cr	52	92	7	2500	Nb	6	aSt	10	4
Plymouth (Cattewater)	1020.3	+1	WSW	5	o|d	50	97	6	450	St	10	-	10	4
Portland Bill	1018.8	0	SW	6	o	50	92	6	1500	St	10	-	10	6
Southampton (Calshot)	1019.0	+1	SW'W	6	o	50	92	6	800	St	10	-	10	6
Dungeness	1017.4	+2	WSW	7	od	49	92	6	800	St	10	-	10	6
Guernsey (Fort. George)	1023.7	+2	WSW	5	c+	51	85	7	1500	Nb	10	-	10	6

Stet (S2) bc-

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weathers. Morning. (24 hours ended 9h.)	Weathers. Afternoon. (24 hours ended 9h.)	Weathers. 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.	Sea.
Kew (24 hours ended 7h.)	18	cm	cm	c	55	52	52	-	Tr	0.0	•	•	7
Croydon (24 hours ended 7h.)	244	comm	odcm	odcm	55	51	49	Tr	Tr	0.0	•	•	7
Greenwich (Royal Obsy.)	149	c	c	c	56	52	46	-	-	0.0	85	82	6
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	0.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	55	53	49	-	-	0.0	83	79	•
Regent's Pk. (Botanic Gdns.)	168	•	•	•	•	•	•	•	•	0.0	•	•	•
Camden Square	110	oc	c	•	53	53	49	-	-	•	•	81	•
Kensington Palace	80	o	o	•	56	52	49	-	-	•	(At 18h.) 87	87	•
Hampstead Observatory	450	•	•	•	54	48	42	Tr	Tr	0.0	•	85	•

ATMOSPHERIC POLLUTION.
Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
Defective		Record.	

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 15th 18h. 30m. to 16th 6h. 0m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11.30	0.0	NIL
δ Ursae Minoris	11.30	0.0	NIL

CODE FOR STATE OF GROUND.

0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 15h. 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 February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.12	12.7	17.3
	7.10	12.7	17.5
Greenwich	7.16	12.14	17.13
	7.14	12.14	17.15
Wick	7.48	12.27	17.6
	7.46	12.27	17.9
Valentia	7.58	12.55	17.53
	7.56	12.55	17.55

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 Ene 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 "scidus" divides actual existing weather from preceding conditions, thus:—lo/r = fair weather after rain; - = has decreased; + = has increased.

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.

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

§ 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.	5½ "
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.

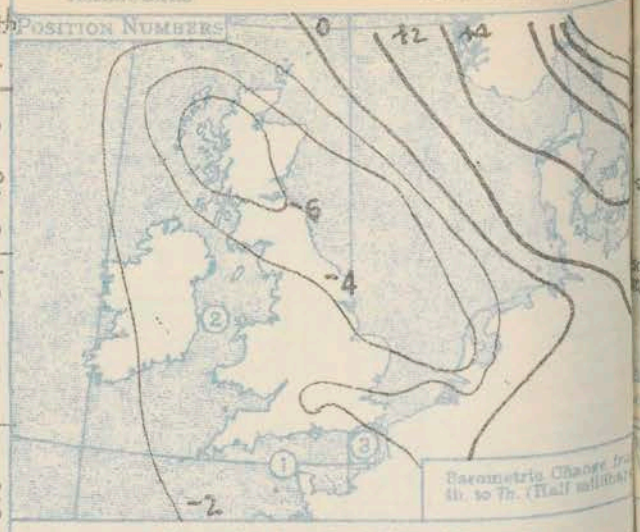
SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-18h. 15th	WEATHER. 18h.-18h. 15th	WEATHER. 18h. 15th to 18h. 16th	WEATHER. 18h.-7h. 16th	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL† Day. 7h.-18h. nm.	RAINFALL† Day. 7h.-18h. began.	RAINFALL† Night. 18h.-7h. nm.	RAINFALL† Night. 18h.-7h. began.	SUN 15th Hours.
Lerwick	orr	orq	oircq	eipcbq	47	40	.	16	<8.00	2	<21.00	0.0
Stornoway	r-d	p	bbc	b	52	38	.	5	-	0.4	*	0.2
Wick	rrrrr	rrbc	rrbc	bbc	50	36		3	<8.00	1	22.00	.
Tiree	pdom	c	prcq	rroc	51	43	41	0.1	<8.00	5	<21.00	0.0
Nairn	cpq jp	pq cq	bcqed	dc	51	40		0.4	<8.00	0.4	?	0.3
Aberdeen	prdqbcq	bq	b	c	54	41	35	0.3	<8.00	–	–	4.8
Malin Head	cmmq	cbcz	cqbcco	odcr	53	44		-		1	24.00	0.4
Renfrew	orcq	crcq	cq	orr	53	44	43	0.5	<8.00	2	2.30	0.0
Edinburgh (Inchkeith)	pq	pq	bcbq	bcc	54	41	41	Trace	<8.00	Trace	1.30	0.1
Leuchars	ldqq	cbcqp	bcbq	bcqp	55	40	37	0.2	<8.00	0.2	6.30	0.4
Eskdalemuir	opom	odc	c	corrm	50	41	41	2	<8.00	6	1.30	0.0
Tynemouth	ocbcq	bcq	bcbq	bco	56	47	42	-	-	–	–	.
Blacksod Point ...	dc	c	cd	bcc	54	47	.	0.3	.	2	*	.
Donaghadee	bcq	bcq	bcc	orrc	57	46	.	-	.	3	2.30	.
Birr Castle	cq	cq	corr	orh	57	48	48	-	.	1	22.00	4.2
Holyhead	ochm	crn	ofmr	rr	50	47	47	-	-	8	24.00	0.0
Liverpool (Bidston) ...	cpr	bcqbc	bccor	orrq	55	43	45	0.1	<8.00	5	24.00	4.1
Chester (Sealand) ...	crcq	bc	bcrr	rr	57	52	47	0.2	<8.00	5	24.00	5.2
Harrogate	bcbcd	bcbq	bbcq	bccorr	54	46	44	1	<8.00	6	1.30	2.6
Spurn Head	cpr	bbc	bbc	q	55	48	.	1	<8.00	Trace	6.30	1.3
Birmingham (Edgbaston)	cir	cpr	c	cirr	53	50	49	0.2	<8.00	1	24.00	0.0
Cranwell	rc	c	bcbbc	cid	55	50	49	Trace	<8.00	Trace	24.00	0.0
Gorleston	orcq	cqbcq	bqbcc	coq	56	52	49	4	<8.00	–	–	0.3
Valentia (Cahirciveen)	oid	oidr	or	oro	55	52	51	1	<8.00	9	<21.00	0.0
Roches Point	oidc	codd	orr	orr	55	50	.	1	<8.00	9	<21.00	.
Pembroke (St. Ann's H.)	orn	off	oirr	offrr	50	47	.	0.2	17.30	6	<21.00	0.0
Ross-on-Wye	bqcbcq	bcq cbc	bccid	qbr	55	51	49	Trace	<8.00	0.4	<21.00	3.4
Leafield	oq	do	o	orrc	51	49	49	Trace	13.30	3	24.00	0.0
Winchester (Worthy Dn)	odomc	com	om	oc	53	51	48	0.1	18.00	–	–	0.0
S Farnborough ...	odq	oid	oidc	cq	54	51	49	Trace	12.30	Trace	<21.00	0.0
London (Kew Obsy.) ...	crn	crn	c	c	55	52	52	-		Trace	–	0.0
Croydon	comncdbom	odcm	c	c	55	51	49	Trace	15.30	Trace	<21.00	0.0
Shoeburyness	oirc	o	oc	c	56	51	48	Trace	9.00	–	–	0.3
Clacton-on-Sea ...	orc	oq	oq	oqc	54	47	46	2	<8.00	–	–	0.0
Felixstowe	orcm	crn	cm	cm	55	48	47	2	<8.00	–	–	0.0
Lympne	orfmn	orn	om	om	50	47	47	0.3	<8.00	–	–	0.0
Scilly (St. Mary's) ...	cm	cp	cbcc	cq	52	50	.	0.1	15.30	Trace	6.30	0.5
Falmouth (Pendennis)	cmq	crmq	cq	cq	53	50	.	1	14.30	Trace	<21.00	0.7
Plymouth (Cattewater)	omcq	omqd	omqk	omq	53	50	49	0.1	14.30	Trace	22.00	0.0
Portland Bill	ocz	coz	o3o	oc3o	51	49	.	-	-	–	–	.
Southampton (Calshot)	omcm	com	om	om	52	49	48	-	-	–	–	0.0
Dungeness	ofmn	mmocq	dcDlq	idd	50	47	.	Trace	<8.00	Trace	<21.00	.
Guernsey	ombcbd	bcm	cq	cq	52	49	.	-	-	–	–	3.7

ISALLOBARS

16th February

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	15th 10h	Hibernia	SW'S	6	C	47	47
3	16th 2h	Brighton	WSW	5	C	45	52

GENERAL INFERENCE.

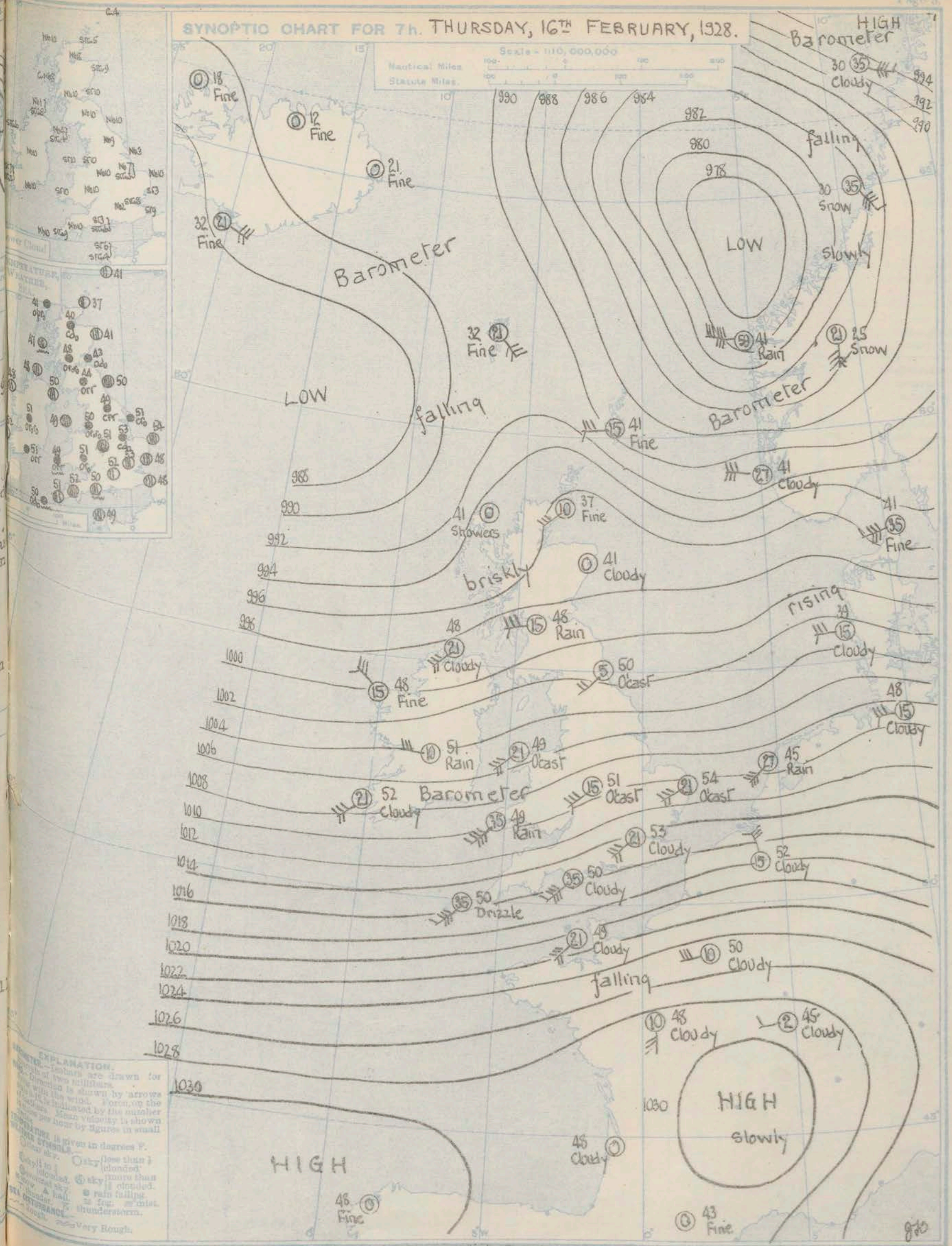
A secondary trough associa with a depression off the Hebrid will move east and bring cooler westerly winds to all districts. Temperature will however continu above the average for the season and will be exceptionally high during most of the day in the south of England. With the cooler winds, showers or intermittent moderate rain will be experienced. Winds will reach gale force in most districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 16th February, 1928.	Further Outlook.
1. S.E. England ✝ 2. E. England ✝ 3. E. Midlands 4. W. Midlands	Southwesterly to westerly winds, strong to a gale at times; mainly cloudy, occasional rain, considerable fair periods tomorrow; very mild becoming cooler.	Unsettled; mainly mild.
5. S.W. England ✝ 6. South Wales ✝ 7. North Wales ✝ 8. N.W. England ✝ 9. N. Midlands 10. N.E. England ✝	Southwesterly to westerly winds, strong to a gale at times; mainly cloudy, occasional rain, considerable fair periods tomorrow; cooler than of late.	✝South cone hoisted 14h 25m. G.M.T. 15/2/28 in districts 1, 2, 5, 6, 7, 8, 10, 11, 12, 19 and 20; still flying in districts 13A, 13B, 15, 16, 17 and 18.
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 ✝	Southwesterly to westerly winds, strong to a gale at times; showers of rain or hail, some bright periods; colder than of late.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0920 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..Thursday, 16th February.....1928. No. 47...

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.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 7h. G.M.T. 16th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	54	985.5	+2	SW	5	c/b	43	92	7	4000	CuNb	8	-	8	989.3	+1	W	4	bc	41	92	8	4000	Cu	4	-	4	•
Stornoway	30	1000.7	+4	WNW	1	[illegible]	•	•	8	•	•	•	•	2	994.2	-6	-	0	o/pr	41	97	6	2500	Nb	10	-	10	0
Wick	81	996.5	+9	W	2	bc	40	97	8	1500	CuNb	4	-	4	996.5	-2	SW	2	bc	37	92	8	2500	StCu	5	Ci St	7	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	995.1	-7	SSW	5	c/b	47	97	8	2500	CuNb	8	-	8	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	995.9	•	W	1	[illegible]	40	92	7	1500	Nb	8	-	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	997.8	-4	-	0	c°	41	75	6	2500	StCu	9	-	9	0
Malin Head	51	1003.5	-3	S	3	od°	46	92	6	1500	St	10	-	10	998.2	-3	SW	5	c/r	48	92	7	4000	StCu	9	-	9	4
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	998.5	-5	WSW	4	or°	48	92	6	800	Nb	10	-	10	•
Edinburgh (Inchkeith)	190	1001.7	+5	WSW	6	b-	45	75	8	-	-	0	CuCu	1	998.1	-6	W	3	od°	43	97	8	800	St	10	-	10	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	998.0	-5	SW	1	c/r	41	97	6	2500	StCu	8	AcSt	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1000.2	-5	SW'S	4	or	44	97	6	450	Nb	10	-	10	•
Tynemouth	67	1004.5	0	W	5	b	48	75	7	800	St	2	-	2	1000.2	-4	SW	2	o	50	85	7	1500	Nb	10	-	10	1
Blacksod Point ...	18	1002.6	-1	SW	4	od+	50	97	5	•	Nb	10	-	10	999.9	-2	NW	4	bc	48	92	8	•	StCu	6	-	6	52
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1002.4	-2	SW	2	c/r	50	92	8	2500	Nb	8	-	8	•
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.2	•	W	3	or°	51	97	6	1500	Nb	10	-	10	5
Holyhead	26	1008.2	-4	SSW	5	or°	48	97	6	800	Nb	10	-	10	1005.5	-3	SW'S	5	o/r	49	97	6	450	St	10	-	10	•
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.0	-3	SW	5	or°	50	97	8	2500	St	10	-	10	
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1005.0	-2	WSW	6	or-	53	85	7	2500	Nb	10	-	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1004.6	-2	SSW	3	crr	49	97	8	2500	Nb	9	AcSt	10	•
Spurn Head	29	1008.9	+1	WSW	5	c+	50	92	7	4000	Nb	9	-	9	1004.5	-5	SW	6	cr+	51	92	6	1500	Nb	3	AcSt	10	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.0	-2	SW	4	or°	51	85	8	1500	Nb	10	-	10	•
Cranwell	236	1011.5	-1	SW	5	cr°	51	97	7	2500	StCu	8	-	8	1008.6	-2	SW'S	6	cd°	53	97	7	800	Nb	10	-	10	
Gorleston	14	1013.6	+2	SW'W	4	c	54	85	8	-	-	0	AcSt	10	1010.4	-4	SW'W	5	o°	54	85	7	1500	Nb	10	-	10	1
Valentia (Cahirciveen) P	30	1009.6	-3	SW'S	4	orr	52	97	7	•	St	10	-	10	1006.9	-1	SW	5	c/r	52	92	7	1500	St	9	-	9	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1009.2	-2	SW	3	orr	51	97	6	800	Nb	10	-	10	4
Pembroke (St. Ann's H.)	150	1012.2	-2	SW	6	orr	49	97	3	800	St	10	-	10	1009.3	-2	SW	7	orr	49	97	6	800	St	10	-	10	6
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.5	-4	WSW	4	or+	51	92	6	1500	Nb	10	-	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1011.6	-3	SW'S	6	c°	51	85	8	1500	StCu	7	AcSt	9	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.9	-2	SW'S	5	c	51	85	7	800	St	10	-	10	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.9	0	SW'W	6	bc	52	85	7	800	Nb	2	Ci	5	•
London (Kew Obsy.) ...	18	•	•	•	•	•	54	•	•	•	•	•	•	•	1015.2	-1	SW	5	c	53	85	7	2500	StCu	8	AcCu	9	•
Croydon	244	1017.4	0	SW	5	c	52	92	7	1500	St	10	-	10	1015.5	-1	SW	5	c	52	85	7	800	St	6	AcSt	9	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1015.0	-2	SW	4	c	52	92	8	2500	St	9	-	9	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1014.2	-2	WSW	5	c	48	92	7	4000	StCu	8	-	8	3
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.6	-2	SSW	5	c	51	92	7	800	St	3	AcCu	9	4
Lympne	350	1018.2	0	SW	6	o	49	97	6	800	St	10	-	10	1017.2	-1	SW	6	o	50	97	6	800	St	10	-	10	
Scilly (St. Mary's) ...	163	1018.3	-2	SW	6	c	51	92	7	4000	StCu	10	-	10	1015.1	-3	SW'S	7	od°	50	97	5	2500	Nb	10	-	10	6
Falmouth (Pendennis)	200	1019.6	-1	WSW	7	c	51	92	7	4000	StCu	10	-	10	1015.0	-3	SW'W	7	c	51	92	7	4000	StCu	9	-	9	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1016.6	-2	SW	7	o	51	85	6	800	Nb	10	-	10	5
Portland Bill	32	1018.9	+1	SW'W	6	o	50	97	6	2500	St	10	-	10	1016.0	-2	SW	7	c-	50	92	6	1500	StCu	9	-	9	7
Southampton (Calshot)	10	1019.2	-1	SW'W	6	o	50	92	6	800	St	10	-	10	1017.5	-1	WSW	5	o	49	92	5	450	St	10	-	10	0
Dungeness	20	1018.7	+2	SW	6	odd	48	97	5	450	St	10	-	10	1017.3	-2	SW	6	cd	48	92	7	800	St	9	-	9	5
Guernsey (Fort George) P	295	1023.2	-2	SW	4	c+	51	92	6	2500	StCu	10	-	10	1022.0	-2	SW	5	c	49	97	7	800	St	10	-	10	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Wednesday, 15th February

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-14th to 9h.-15th	Temperature. Max. 9h.-14th to 9h.-15th	Rainfall.† Night 17h.-9h. 14th-15th	Rainfall.† Day 9h.-17h. 15th	Sunshine. Sunrise to 17h. 15th	Sunshine. Sunrise to Sunset. 14th
(1)	(2)	(3)	(4) °F.	(5) °F.	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	c	cro	39	55	Trace	0.2	2.0	2.2
Douglas (I. o. M.) ...	c	c	43	54	12	-	4.4	2.1
Llandudno ...	cb	bcc	45	57	7	-	3.2	0.5
Colwyn Bay ...	corro	bccb	46	60	7	-	1.4	1.4
Rhyl	cb	bc	46	*54	6	-	3.1	2.7
Wallasey	cbcb	bbc	44	57	7	-	3.4	1.1
Southport	ocbc	bcc	*46	55	12	-	2.8	0.6
Blackpool	ro	o	45	50	12	-	0.0	0.2
Ilkley	or	oc	42	55	4	2	0.7	3.5
Cleethorpes	c	b	43	57	3	-	3.2	1.4
Skegness	oro	bc	41	55	3	-	0.0	1.5
Aberystwyth ...	rro	o	45	51	12	-	0.0	0.0
Bath	dord	dd°	49	54	8	2	0.0	0.0
Cheltenham ...	oc	coc	49	53	3	-	0.0	0.0
Leamington Spa ...	c	cd	44	54	8	0.3	0.0	0.4
Lowestoft	cre	c	42	60	3	0.2	0.0	0.5
Felixstowe	c	cbcc	42	56	5	-	0.0	0.6
Harwich & Dovercourt	roc	oc	46	57	5	-	0.2	1.0
Southend	oc	og	43	54	2	-	0.0	1.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	o	odo	48	53	6	0.1	0.0	0.0
Bude	od	odd	42	52	6	0.2	0.0	0.0
Penzance	c	co	51	54	1	-	0.3	0.0
Paignton	cdpq	oengdm	49	53	1	Trace	0.0	1.3
Torquay	opqdmq	odmq	49	54	1	Trace	0.8	1.0
Jersey	dc	c	47	52	1	-	0.0	0.0
Weymouth	bc	c	48	52	1	-	0.0	0.0
Bournemouth ...	o	o	47	52	3	-	0.0	0.0
Ventnor ...	crmo	o	47	50	4	-	0.0	0.0
Portsmouth (S'thsea)	o	o	47	53	2	-	0.0	0.0
Bognor	o	o	47	51	2	-	0.0	0.0
Littlehampton ...	oco	o	45	50	2	-	0.0	0.0
Worthing	oc	oc	46	49	2	-	0.0	0.0
Brighton	fo	c	45	49	4	-	0.0	0.1
Eastbourne ...	fo	o	48	50	4	-	0.0	
Hastings	oco	o	47	51	6	-	0.0	0.3
Folkestone	ofrom	o	45	51	5	0.1	0.0	0.5
Dover	mo	oco	46	52	4	-	0.0	0.4
Tunbridge Wells ...	o	oco	43	53	4	-	0.0	0.0
Ramsgate	c	c	45	54	5	-	0.0	0.5
Margate	cbc	bc	45	55	4	-	0.0	0.3
Deal	o	oc	45	54	3	-	0.3	1.6

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. 24193 Friday 17th February 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	991.3	0	W	2	bc	44	85	8	4000	Cu	2	Ci	4	•
Stornoway	989.6	-4	S	4	c/pr.	47	75	6	4000	Nb	8	-	8	•
Wick	992.6	-4	SSW	3	c/r.	42	97	8	1500	Nb	8	ASt	10	•
Tiree	995.1	0	SW	6	bc	48	85	8	2500	CuNb	3	ACu	5	1
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	994.2	-3	SSW	3	c+	47	85	7	2500	StCu	8	ACu	9	2
Malin Head	998.5	+1	WSW	6	bc	47	92	7	4000	Cu	7	-	7	•
Renfrew	998.6	0	WSW	~~4~~ 5	c/r	50	85	7	1500	StCu	10	-	10	2
Edinburgh (Inchkeith)	995.7	-3	WSW	5	bc/p	46	85	8	1500	CuNb	3	ACu	6	•
Leuchars	995.1	-2	WSW	5	bc-	48	85	8	5700	StCu	4	ACu	5	1
Eskdalemuir	998.7	-1	SW'W	6	c/PR-	47	86	7	1500	Nb	10	-	10	2
Tynemouth	999.3	-1	W	4	bc/r	55	75	7	2500	CuNb	4	-	4	•
Blackpool Point	1003.1	+2	NW	4	bc	49	75	8	•	CuNb	6	-	6	•
Donaghadee	1001.6	-1	W	6	bc/pr.	52	75	8	2500	CuNb	5	-	5	•
Birr Castle	1004.5	•	W	4	c/pr.	50	85	7	1500	CuNb	8	-	8	•
Holyhead	1005.1	-1	SW'S	6	c+	50	57	6	4000	StCu	3	-	9	2
Liverpool (Bidston)	1004.4	-1	SW	6	b-	53	85	8	1500	CuNb	1	Ci	2	•
Chester (Sealand)	1004.9	0	WSW	6	c	53	76	8	800	St	5	Ci	8	2
Harrogate	1003.6	0	SW	5	cr	49	92	8	2500	Nb	9	-	9	•
Spurn Head	1003.8	0	WSW	6	c	52	85	7	4000	CuNb	4	ASt	10	•
Birmingham (Edgbaston)	1008.9	-1	WSW	5	c/r	51	85	8	1500	Nb	9	-	9	2
Cranwell	1007.2	-2	SW'W	6	cr/r.	52	92	7	800	Nb	10	-	10	2
Gorleston	1008.4	-2	SW	4	c/r	53	92	6	2500	Nb	10	-	10	•
Valentia (Cahirciveen)	1010.2	+4	WSW	5	bc	50	85	8	1500	StCu	3	ACu	4	2
Roches Point	1009.6	+1	WSW	5	bc	52	86	8	1500	Cu	3	CiCu	4	•
Pembroke (St. Ann's H.)	1009.9	0	SW	6	c-	49	92	6	800	StCu	9	-	9	•
Ross-on-Wye 1010.0.	~~1011.9~~	-1	WSW	4	c	52	85	8	2500	Nb	8	ACu	3	2
Leafield	1010.8	-1	WSW	6	cr-	49	97	8	1500	StCu	7	ASt	10	2
Winchester (Worthy Dn.)	1013.9	-2	SSW	5	orr	50	97	7	220	Nb	10	-	10	2
S. Farnborough	1013.2	-2	SW	6	or-	51	92	8	800	Nb	10	-	10	2
London (Kew Obsy.)	1012.5	-2	SW	5	cDD	51	92	5	450	Nb	9	ASt	10	2
Croydon	1013.0	-2	SW	5	odd	51	97	5	450	St	10	-	10	2
Shoeburyness	1012.9	-2	SW	6	c+	51	92	8	1500	StCu	9	ASt	10	•
Clacton-on-Sea	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Felixstowe	1011.7	-2	SSW	5	odd	50	97	6	800	Nb	10	-	10	2
Lympne	1014.9	-2	SW	7	odd	48	97	5	220	Nb	10	-	10	
Scilly (St. Mary's)	1015.4	+1	SW	6	c-	52	97	6	4000	StCu	4	ASt	8	•
Falmouth (Pendennis)	1015.3	+2	WSW	8	c-	51	97	7	4000	StCu	9	-	9	•
Plymouth (Cattewater)	1015.8	0	SW	6	or.	50	97	6	800	Nb	10	-	10	2
Portland Bill	1014.3	-1	SW	8	0	49	97	6	1500	St	10	-	10	•
Southampton (Calshot)	1015.0	-2	SW'W	7	odd	49	92	6	450	St	10	-	10	2
Bognor	1015.1	-3	SW	8	od+	49	97	6	800	Nb	10	-	10	•
Guernsey (Fort George)	1019.9	-2	SW'W	7	c+	50	85	8	800	St	10	-	10	•

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	983.5	-3	S	1	c/p	40	85	8	4000	CuNb	5	ASt	9	•
Stornoway	987.8	-1	W	6	c/PR	42	92	6	4000	CuNb	8	-	8	5
Wick	990.0	-3	WSW	3	c	41	97	8	1500	CuNb	6	CiSt	8	0
Tiree	995.4	0	W'S	6	c	43	85	8	2500	StCu	10	-	10	4
Nairn	991.4	•	W	1	c/r	40	85	8	4000	CuNb	8	-	8	•
Aberdeen	993.1	0	WSW	2	b-	45	65	7	2500	Cu	1	-	1	0
Malin Head	998.6	-1	WSW	6	bc/p	42	92	8	4000	StCu	7	-	7	4
Renfrew	998.8	+2	W	5	c/pr.	44	75	7	800	Nb	8	-	8	•
Edinburgh (Inchkeith)	995.1	0	WSW	6	cr.	44	75	8	800	Nb	10	-	10	3
Leuchars	994.9	0	W	6	b	43	75	8	4000	StCu	2	-	2	•
Eskdalemuir	993.7	+2	W	3	bc	39	85	7	1500	Cu	5	-	5	•
Tynemouth	998.3	0	W	3	bc/r	47	85	7	2500	Cu	3	-	3	2
Blackpool Point	1002.6	0	SW	5	c	40	75	7	•	CuNb	10	-	10	6
Donaghadee	1002.1	+1	W	4	bc-	44	65	7	2500	Cu	4	ACu	6	3
Birr Castle	1005.7	•	SW	3	bc/PR-	41	85	7	1500	CuNb	5	-	5	•
Holyhead	1005.8	+2	WSW	4	bc-	46	92	7	2500	StCu	3	-	3	4
Liverpool (Bidston)	1004.6	+3	W'S	7	crr.	46	92	7	1500	CuNb	9	-	9	•
Chester (Sealand)	1005.0	+5	W	6	crr.	48	75	6	1500	Nb	9	-	9	•
Harrogate	1002.6	-1	SW'W	5	cR	45	92	7	2500	Nb	9	-	9	•
Spurn Head	1001.9	-2	WSW	6	bc-	49	85	7	4000	CuNb	5	-	5	4
Birmingham (Edgbaston)	1007.7	-1	WSW	5	b-	48	75	8	1500	Cu	2	-	2	•
Cranwell	1005.4	-3	SW'W	6	bc/p	50	85	7	1500	Cu	6	-	6	•
Gorleston	1006.7	-2	SW	4	bc-	53	65	7	2500	Nb	2	CiCu	5	1
Valentia (Cahirciveen)	1011.1	0	SW'W	6	bc/ph.	47	75	8	2500	St	6	-	6	5
Roches Point	1012.2	+3	W	4	bc/pr.	47	92	8	1500	Cu	3	CiCu	4	4
Pembroke (St. Ann's H.)	1008.9	+1	SW	6	bc-	48	85	7	1500	StCu	3	-	3	6
Ross-on-Wye	1009.6	-1	W'S	4	bc	49	65	8	4000	Cu	4	-	4	•
Leafield	1009.5	-2	SW'W	6	b-	47	85	8	4000	Cu	2	-	2	•
Winchester (Worthy Dn.)	1012.4	-2	SW'S	5	c-	51	85	7	800	StCu	8	-	8	•
S. Farnborough	1011.6	-2	SW	6	c	50	85	8	800	Nb	9	-	9	•
London (Kew Obsy.)	1011.4	-2	SW	4	c	52	85	7	450	St	9	ASt	10	•
Croydon	1011.7	-2	SW	5	c	51	85	6	450	St	8	Ci	9	•
Shoeburyness	1010.8	-2	SW	6	c/pr.	51	92	8	1500	StCu	6	ASt	8	•
Clacton-on-Sea	1010.1	-2	WSW	4	bc	49	92	7	4000	Nb	7	-	7	3
Felixstowe	1010.0	-1	SSW	5	c	51	85	6	800	Nb	8	ASt	10	6
Lympne	1013.3	-2	SW	6	od.	48	97	6	450	Nb	10	-	10	•
Scilly (St. Mary's)	1016.3	+1	W'S	6	b	49	85	7	~~[illegible]~~ 4000	Cu	1	Ci	2	5
Falmouth (Pendennis)	1016.3	+2	W'S	7	bc-	50	85	8	4000	CuNb	2	CiSt	4	4
Plymouth (Cattewater)	1015.8	+2	W	6	b-	50	75	7	1500	CuNb	2	-	2	5
Portland Bill	1014.0	+1	SW	6	bc-	50	92	6	2500	StCu	3	Ci	4	7
Southampton (Calshot)	1013.6	-1	SW'W	6	o	49	92	6	800	St	10	-	10	3
Bognor	1012.5	-2	SW	6	od.	48	97	6	800	Nb	10	-	10	6
Guernsey (Fort George)	1019.3	0	W'S	5	or.	49	97	7	800	St	10	-	10	5

LONDON OBSERVATIONS.

	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 8h.)	Weather. Afternoon.	Weather. Night.	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	cDD	cDq	c	53	42	36	0	0.2	0.3	*	*	8
Croydon } 24 hours ended 7h.	244	comdd	cdq	bc	53	39	35	0.2	0.9	0.1	*	*	7
Greenwich (Royal Obsy.)	149	cdq	cr.	bc	53	38	31	1	0.3	0.2	87	58	6
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	53	39	31	2		0.2	87	55	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	0.0	*	*	*
Camden Square	110	or	orcbq	*	53	?	32	2	6	*	*	69	*
Kensington Palace	80	or	oc	*	53	39	33	2	1	*	(At 18h. 36)	57	*
Hampstead Observatory	450	*	*	*	52	34	25	5	1	0.1	*	61	*

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	17h. 16th	<0.3	8h. 17th

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 16th 18h. 30m. to 17th 6h. 0m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11.30	9.8	79
δ Ursæ Minoris	11.30	9.8	79

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 7h. and 7h. reports). 7=Snow (thin layer often not continuous). 8=Snow (deep impeding traffic, usually a continuous layer). 9=Glazed roads (ice on roads from frozen rain or melted snow).

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

17th February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.10 / 7.8	12.7 / 12.7	17.5 / 17.7
Greenwich	7.14 / 7.12	12.14 / 12.14	17.15 / 17.17
Wick	7.46 / 7.43	12.22 / 12.20	17.9 / 17.11
Valentia	7.56 / 7.54	12.55 / 12.52	17.55 / 17.57

§ BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than ½ 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 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.

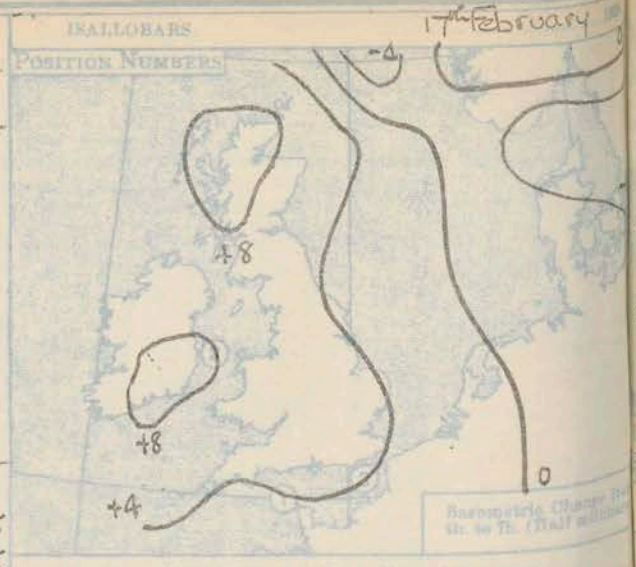
	Objects not visible at
0. Dense fog.	55 yards.
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2¾ "
6. Moderate "	6¼ "
7. Good.	13¾ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

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

M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	Weather. 7h.-13h. 16th	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	cbc	coirc	cdbbcc	oirq	45	38	.	1	16.30	4	<21.00	5.5
Stornoway	p	p	r-d	hrh	47	34	.	6	*	3	*	2.0
Wick	cr.r	cr.rc	bbc	bcrsc	45	34	.	2	<8.00	2	3.30	.
Tiree	pd.c	bec	prhq	pHcq	49	34	28	0.1	<8.00	5	<21.00	4.6
Nairn	cprbc	beprc	cpcbc	bcspq	46	33	.	2	<8.00	2	22.00	3.5
Aberdeen	cmfbcc	cbbc	b	bcpr	50	36	33	–	–	0.3	4.30	2.7
Malin Head	cirbc	bcp.	bcPHR	bcPHR	49	35	.	3	9.00	5	<21.00	3.9
Renfrew	or.rrc	bqbcp.	cpors	ohsc	50	34	31	5	<8.00	5	<21.00	1.1
Edinburgh (Inchkeith)	p	p	cbc	s.rsq	50	35	33	1	<8.00	1	<21.00	3.8
Leuchars	bcc	bcb	bbc	bbc	52	34	30	–	–	–	—	4.0
Eskdalemuir	ormcpR	cprqbc	bccprh	opsbc	48	31	28	14	<8.00	6	<21.00	0.3
Tynemouth	oirm	bcp.	bcp.	bcp.w	56	35	31	3	9.00	1	<21.00	.
Blacksod Point	cqbc	pq.o	bhqc	bhqbh	49	35	.	2	*	3	*	.
Donaghadee	bcpr.	pr.bc	bcpr	bcp's	53	33	.	0.2	11.00	1	<21.00	.
Birr Castle	ocpr.	cPRt	bcipr	bcip	62	35	31	5	<8.00	3	<21.00	2.5
Holyhead	r.bcm.	bcprq	bcqbq	bcq	51	39	37	2	9.00	3	22.00	2.4
Liverpool (Bidston)	orcr.	bqpR	cicr	cQ	53	37	35	4	<8.00	1	<21.00	3.6
Chester (Sealand)	orrc	cpr.	bcpr	C	55	39	35	3	<8.00	0.5	<21.00	3.0
Harrogate	corrir	cP	coPRSH	coPH	50	34	33	11	<8.00	7	<21.00	0.4
Spurn Head	orro	bcpr.	cQP	bcq.bs	53	38	.	0.5	<8.00	3	<21.00	1.2
Birmingham (Edgbaston)	cir	cpr.bc	bcprbc	bc	52	36	34	5	<8.00	1	22.00	0.2
Cranwell	d.ir.	cr.pbc	bcbq	cpbc	54	36	34	1	<8.00	1	<21.00	0.6
Gorleston	oqir.	orc bc	bcq.bq	bcPR	55	37	35	1	11.00	1	2.30	0.0
Valentia (Cahlrciveen)	oupc	bcph.	bcphq	bcphq	52	41	38	4	9.00	2	<21.00	4.9
Roches Point	orcbc	bccprbc	bcqp	bcq	53	39	.	2	<8.00	1	<21.00	.
Pembroke (St. Ann's H.)	crrm.	cr.bc	bcqPHt	bcq	50	39	.	1	<8.00	0.3	<21.00	2.8
Ross-on-Wye	ordrc	cr.cbc	bccbq	bcq	53	39	34	2	<8.00	1	22.00	0.3
Leafield	orr	crqbcp	bcdphq	bc	51	35	32	3	9.00	2	24.00	0.0
Winchester (Worthy Dn.)	cdrrR	orc	cbcfqr	crqb	52	37	33	1	9.00	1	24.00	0.0
S Farnborough	cqddr	orrroc	bcbpbcp	cprqbcb	52	38	34	2	9.00	1	<21.00	0.1
London (Kew Obsy.)	cDDq	cDqc	bcpr	bcb	53	40	36	2	<8.00	0.2	24.00	0.3
Croydon	comdd	cddcm	cm.bc	bcprqb	53	39	35	0.2	9.00	0.5	1.30	0.1
Shoeburyness	co	cd	cor	ob3	53	39	37	Trace	14.30	0.6	<21.00	0.3
Clacton-on-Sea	copd	opobc	bccpbc	bc	50	39	36	0.2	9.00	1	<21.00	0.0
Felixstowe	codd	oidc	cor	cbcb	52	40	37	0.1	11.00	Trace	<21.00	0.0
Lympne	omDd	bmddo	odcb	b	50	38	35	0.6	11.00	0.3	<21.00	0.0
Scilly (St. Mary's)	omir	cpbcb	bbcpb	bcp	52	43	.	2	<8.00	1	22.00	3.1
Falmouth (Pendennis)	omrq	cprqbc	bcbrq	bcprq	52	43	.	3	<8.00	2	22.00	0.8
Plymouth (Cattewater)	omqrr	bmqrcbc	bqcbh	bcbrbq	52	41	38	2	9.00	0.6	22.00	0.1
Portland Bill	coddz	ocbcbcz	bccpbcq	bcqpb	51	43	.	1	9.00	1	24.00	.
Southampton (Calshot)	omdam	oddrrr	ambcqbp	bcRqbc	51	39	36	3	11.00	1	1.30	0.0
Dungeness	coqid	oqido	idd bcbd	rbcq	49	40	.	0.1	11.00	0.2	<21.00	.
Guernsey	cQ	coddrq	oirbcbq	bbcirq	50	45	.	2	13.30	0.4	<21.00	0.0



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	16th 10h	Hibernia	SW's	5	bcr	50	47
1	16th 15h	Reindeer	W's	6	oD	51	49
3	17th 2h	Arundel	W	6	C–	49	49

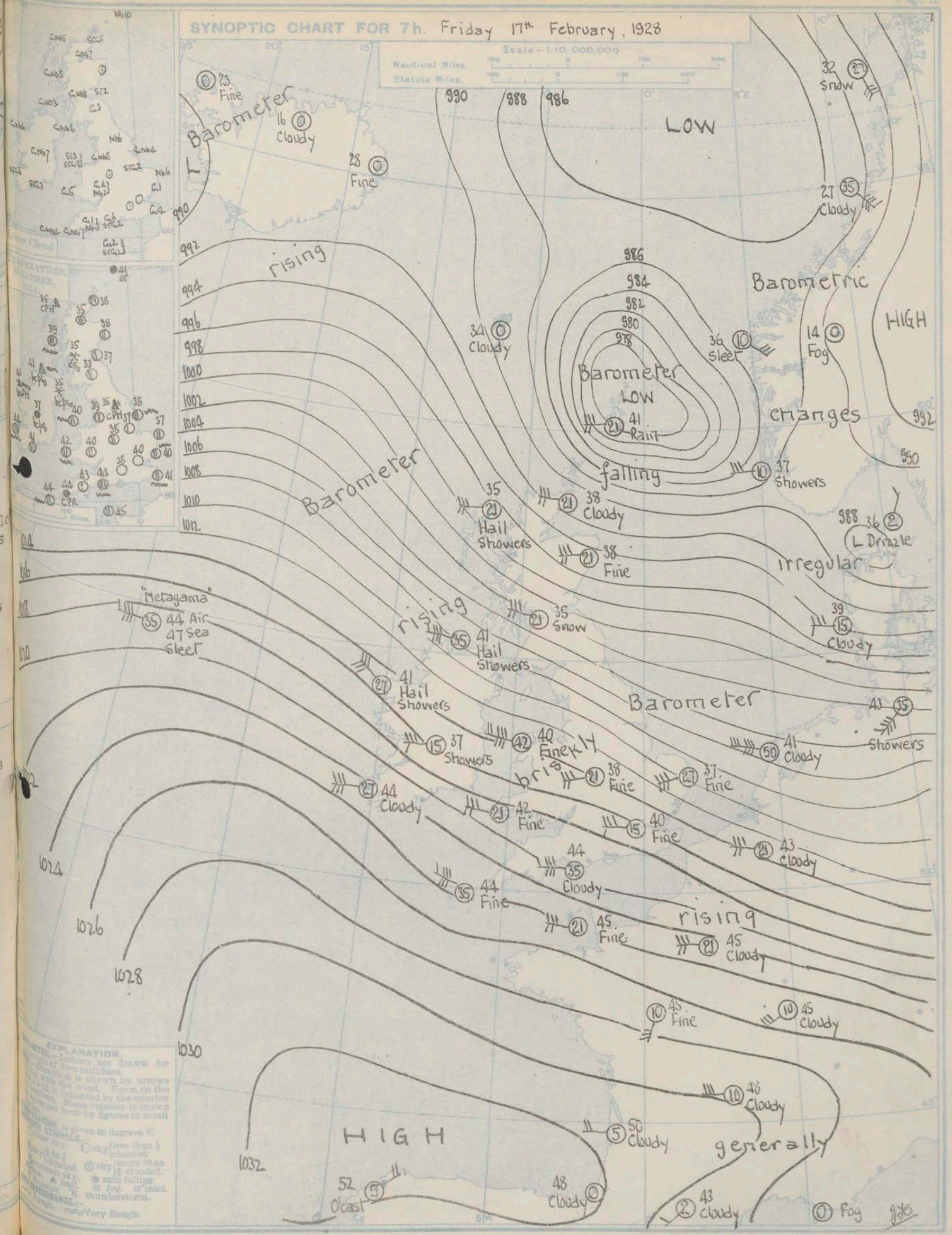
GENERAL INFERENCE.

A depression centred near the Shetlands is moving east, and in its rear a wedge of high pressure, from an anticyclone centred over Northern Spain, is spreading northwards over the British Isles. Moderating W. to N.W. winds will be general with mainly bright weather, but wintry showers will occur locally especially in northern districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Friday, 17th February, 1928.	Further Outlook.
1. S.E. England ↓ 2. E. England ↓ 3. E. Midlands 4. W. Midlands 5. S.W. England ↓ 6. South Wales ↓	Fresh to strong W. to N.W. winds, moderating, mainly fine and bright, perhaps a few scattered showers, chiefly in coastal districts, moderate day temperature, ground frost at night.	Possibility of finer conditions than of late in the South, some further wintry showers in the North.
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 ↓	Fresh to strong west to northwest winds, moderating, mainly fine and bright, but local wintry showers, moderate day temperature, night frost.	↓South Cone still flying.
19. S.E. Ireland ↓ 20. S.W. Ireland ↓	As 1 - 6	

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

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


SYNOPTIC CHART FOR 7h. Friday 17th February, 1928
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometric
HIGH
changes
Barometer
LOW
falling
irregular
rising
Barometer
rising
Barometer
briskly
rising
generally
HIGH
"Metagama"
44 Air
47 Sea
Sleet
23 Fine
16 Cloudy
28 Fine
32 Snow
27 Cloudy
34 Cloudy
36 Sleet
14 Fog
41 Rain
37 Showers
35 Hail Showers
38 Cloudy
38 Fine
36 L Drizzle
35 Snow
41 Hail Showers
39 Cloudy
41 Hail Showers
37 Showers
40 Fine
41 Cloudy
43 Showers
44 Cloudy
38 Fine
37 Fine
42 Fine
40 Fine
43 Cloudy
44 Fine
44 Cloudy
45 Fine
45 Cloudy
45 Fine
45 Cloudy
46 Cloudy
50 Cloudy
52 O'cast
48 Cloudy
43 Cloudy
Fog
990
988
986
984
982
980
978
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
EXPLANATION.
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

 BRITISH SECTION Friday, 17th February 1928. No. 48

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Cloud Form	Total Cloud 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Cloud Form	Total Cloud Amt. 0-10	Sea 0-9
Lerwick	54	982.0	-3	SW	2	cjb	41	85	7	4000	CuNb	6	ASr	8	977.0	-6	W	5	DF	41	92	7	4000	Nb	10	-	10	·
Stornoway	30	(990.9)	0	NW	7	or₀+	·	·	6	·	·	·	·	10	997.2	+8	W	5	c/PH	35	92	7	4000	CuNb	8	-	8	4
Wick	81	987.9	-2	SW	4	bc	37	92	8	2500	StCu	4	-	4	991.1	+8	WNW	5	C	38	92	7	2500	StCu	8	-	8	3
Tiree	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.9	+8	W	7	cjb	39	75	8	1500	CuNb	8	-	8	7
Nairn	32	·	·	·	·	·	·	·	·	·	·	·	·	·	997.2	·	W	4	bc/s	35	85	8	4000	CuNb	7	-	7	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·	995.8	+6	W	5	bc	38	65	8	-	-	0	ACu	7	0
Malin Head	51	1000.9	+5	WNW	7	bc/PH	38	92	7	4000	CuNb	6	-	6	1007.7	+7	WNW	7	bc/ph	41	65	8	4000	CuNb	3	ACu	4	7
Renfrew	36	·	·	·	·	·	·	·	·	·	·	·	·	·	1003.8	+7	WNW	5	os₀	35	85	8	1500	CuNb	8	-	8	·
Edinburgh (Inchkeith)	190	995.6	+1	WSW	5	bc-	37	85	8	1500	St	2	ACu	3	999.8	+4	WSW	5	bc+	37	97	8	800	St	2	ACu	3	3
Leuchars	40	·	·	·	·	·	·	·	·	·	·	·	·	·	999.5	+9	W	5	b	35	75	8	2500	StCu	1	-	1	·
Eskdalemuir	784	·	·	·	·	·	·	·	·	·	·	·	·	·	1004.4	+6	W'N	5	bc	33	75	7	1500	Cu	3	-	3	·
Tynemouth	87	998.3	-1	W	5	bc/r	40	85	8	2500	Cu	3	-	3	1003.1	+7	w	6	bc/r	35	92	7	1500	Cu	3	-	3	2
Blacksod Point	18	1008.6	+3	NW	7	bc	38	85	5	·	CuNb	7	-	7	1015.7	+5	NW	6	bc/PH	41	75	7	·	CuNb	6	-	6	7
Donaghadee	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1010.8	+7	W	7	bc/pg	35	85	7	1500	CuNb	6	-	6	5
Birr Castle	173	·	·	W	·	·	·	·	·	·	·	·	·	·	1019.7	·	W	4	bc/pr	37	92	7	1500	CuNb	7	-	7	·
Holyhead	29	1007.3	+3	W	8	b	41	85	7	2500	Cu	2	-	2	1014.0	+7	W'N	8	bc-	40	75	8	2500	StCu	7	-	7	7
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·	1010.5	+3	W'S	8	c-	39	65	8	1500	CuNb	8	ASt	9	·
Chester (Sealand)	16	·	·	·	·	·	·	·	·	·	·	·	·	·	1012.3	+7	W	6	C	40	65	8	800	St	8	-	8	·
Harrogate	478	·	·	·	·	·	·	·	·	·	·	·	·	·	1007.9	+5	SW'W	7	c/PH	35	75	8	2500	Nb	6	ASt	9	·
Spurn Head	29	1001.5	-3	W	7	c	41	85	8	4000	Nb	8	-	8	1004.4	+3	W	9	bc-	38	85	7	4000	CuNb	4	-	4	6
Birmingham (Edgbaston)	535	·	·	·	·	·	·	·	·	·	·	·	·	·	1014.7	+4	W	5	bc	38	65	8	-	-	0	AC	5	·
Cranwell	236	1006.1	-1	W'S	6	cr₀	41	85	6	1500	Nb	8	-	8	1010.4	+4	W'S	6	b-	37	75	8	2500	StCu	2	-	2	·
Gorleston	14	1006.7	+1	SW'W	4	b₀	47	85	7	4000	Cu	2	-	2	1008.8	+3	W'S	6	bc+	37	85	7	2500	Nb	6	-	6	1
Valentia (Cahirciveen)	30	1018.0	+6	W	7	bc/pg	43	97	8	-	Cu	4	-	4	1023.7	+5	W	6	c	44	75	8	2500	StCu	6	ASt	8	6
Roches Point	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1021.6	+8	NW	4	bc	41	92	8	2500	StCu	3	CiCu	4	4
Pembroke (St. Ann's H.)	159	1013.5	+5	W'S	6	bc	44	75	8	1500	Cu	5	-	5	1018.9	+5	WNW	5	bc	42	75	8	1500	Cu	5	-	5	6
Ross-on-Wye	223	·	·	·	·	·	·	·	·	·	·	·	·	·	1016.8	+4	W'N	5	bc+	40	55	8	2500	Cu	6	-	6	·
Leafield	612	·	·	·	·	·	·	·	·	·	·	·	·	·	1016.3	+5	WSW	4	bc	36	75	9	2500	Cu	5	-	5	·
Winchester (Worthy Dn.)	272	·	·	·	·	·	·	·	·	·	·	·	·	·	1018.3	+4	WSW	4	b	38	75	7	4000	StCu	1	-	1	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·	1017.0	+6	W'S	4	b	38	75	7	-	-	0	-	0	·
London (Kew Obsy.)	18	·	·	·	·	·	46	·	·	·	·	·	·	·	1016.5	+6	W	4	b	40	65	8	-	-	0	-	0	·
Croydon	244	1011.9	-2	SW'W	5	bcr₀	45	75	8	800	St	5	-	5	1016.7	+6	W'S	4	b	39	65	7	-	-	0	-	0	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·	1014.8	+7	WNW	5	b	39	92	8	-	-	0	-	0	3
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·	1012.6	+4	WNW	5	bc	40	65	7	4000	Cu	3	-	3	6
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·	1013.1	+5	WSW	6	b	40	65	7	4000	Cu	1	-	1	·
Lympne	350	1013.1	0	SW	5	b-	43	85	7	-	-	0	-	0	1016.2	+3	WSW	6	b+	39	75	8	1500	Cu	2	-	2	·
Scilly (St. Mary's)	163	1019.5	+2	W'N	8	bc	47	85	7	4000	CuNb	4	-	4	1023.5	+4	NW'W	7	bc	44	85	8	4000	CuNb	4	-	4	7
Falmouth (Pendennis)	200	1019.4	+3	WNW	6	bc/PR	46	85	7	4000	CuNb	6	-	6	1024.1	+3	WNW	5	c/PR	44	75	7	2500	CuNb	9	-	9	2
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·	1023.1	+4	WNW	5	b+	43	65	7	2500	Cu	2	-	2	4
Portland Bill	53	1015.3	+1	W	7	bc/pr	47	85	8	2500	Cu	4	-	4	1019.8	+5	W	7	c+	44	75	8	2500	Cu	8	-	8	6
Southampton (Calshot)	10	1014.0	-2	WSW	6	bc/pr	47	75	7	1500	Nb	6	-	6	1019.3	+6	W	4	bc	40	65	7	2500	Cu	4	-	4	6
Dungeness	20	1012.0	+3	W	6	b/d	46	85	7	-	-	0	-	0	1015.7	+4	W	6	bc+	41	65	8	1500	Cu	4	-	4	6
Guernsey (Fort George)	205	1020.0	-1	WSW	4	b-	48	85	8	-	-	0	-	0	1024.6	+3	WNW	5	bc	45	65	7	~~4000~~ 2500	Cu	4	-	4	5

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Thursday 16th February

STATIONS. (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h.-15th to 9h. 16th (4) °F.	Temperature Max. 9h.-17h. 16th (5) °F.	Rainfall Night 17h.-9h. 15th-16th (6) mm.	Rainfall Day 9h.-17h. 16th (7) mm.	Sunshine Sunrise to 17h. 16th (8) hr.	Sunshine Sunrise to Sunset 15th (9) hr.
Berwick-on-Tweed	cbc	bcc	44	54	-	-	4.2	2.0
Douglas (I. o. M.)	cp	bcp	46	51	12	3	2.1	4.4
Llandudno	rcb	bccrq	50	53	16	3	2.3	3.2
Colwyn Bay	bcorr	rbbcr	50	55	17	3	2.5	1.2
Rhyl	rcbc	bccr	50	54	13	3	2.5	3.1
Wallasey	rrcbc	bccp	50	55	7	1	2.4	3.4
Southport	rroc	bccor	*47	50	12	3	1.5	2.8
Blackpool	oroc	cop	46	49	17	2	1.6	0.0
Ilkley	or	oro	46	51	15	11	0.0	0.7
Cleethorpes	oro	cb	49	55	0.5	0.6	1.5	3.2
Skegness	ocr	oc	49	54	Trace	2	0.5	0.0
Aberystwyth	Rc	cbcc	48	50	9	-	1.7	0.0
Bath	cd₀d₀	cirbc	53	55	2	4	0.2	0.0
Cheltenham‡	orodq	oqcbc	48	53	1	2	0.0	0.0
Leamington Spa	cr	cr	50	56	2	3	0.0	0.0
Lowestoft	c	cbrc	50	54	-	0.2	0.1	0.0
Felixstowe	cd	cdbc	48	52	-	0.2	0.0	0.0
Harwich & Dovercourt	c	cdbc	51	52	-	Trace	0.0	0.2
Southend	o	odc	49	50	-	[Trace]	0.2	0.0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	ro	ocbc	51	52	2	1	0.0	0.0
Bude	dr	cbc	48	52	3	2	0.9	0.0
Penzance	c	cirb	52	53	3	2	1.3	0.3
Paignton	odmrpc	bc	51	53	2	2	0.0	0.0
Torquay	odm	odrpcq	51	53	1	2	0.3	0.8
Jersey	c	c	49	51	-	-	0.0	0.0
Weymouth	cp	ocb	50	51	0.2	0.3	0.1	0.0
Bournemouth	od.od	od.od	49	51	-	3	0.0	0.0
Ventnor	rmo	roum	47	48	0.3	1	0.0	0.0
Portsmouth (S'thsea)	od	oid₀	50	51	-	1	0.0	0.0
Bognor	odd	do	46	54	-	1	0.0	0.0
Littlehampton	o	orc	48	49	-	1	0.0	0.0
Worthing	cod	or₀c	48	49	-	1	0.0	0.0
Brighton	or	ro	48	49	-	1	0.0	0.0
Eastbourne‡	odr₀	ido	49	51	-	1	0.0	0.0
Hastings‡	oco	ord	48	50	0.2	2	0.0	0.0
Folkestone	om₀	oidmr	47	50	-	0.3	0.0	0.0
Dover	o	odir	48	50	Trace	1	0.0	0.0
Tunbridge Wells	odro	oro	48	51	Trace	2	0.0	0.0
Ramsgate	cid₀	id₀c	50	51	-	0.2	0.0	0.0
Margate	cbc	cbc	50	53	-	-	0.0	0.0
Deal	o	d₀d₀o	49	51	-	0.3	0.0	0.3

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 1. †‡ See footnote page 1.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24194. Saturday 18th February 1928.

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	Cloud. Upper Form.	Cloud. Total Amt. 0-10	State of ground.
Lerwick	990.4	+15	WNW	4	c	41	85	8	5700	St.Cu	3	aSt	9	•
Stornoway	1005.2	+8	NW	5	bc/ph	39	85	7	4000	CuNb	7	-	7	•
Wick	993.8	+8	W	5	bc	41	92	8	1500	CuNb	4	CiSt	7	•
Tiree	1010.7	+7	WNW	7	bc	42	75	8	2500	Cu	3	-	3	2
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1003.2	+6	W	5	b	41	55	8	2500	Cu	1	-	1	2
Malin Head	1014.5	+6	NW	7	bc/p	42	92	8	4000	CuNb	4	aCu	4	•
Renfrew	1011.0	+8	WNW	3	bc/h	38	92	8	1500	Cu	5	aCu	7	2
Edinburgh (Inchkeith)	1007.3	+8	W	5	bc-	42	65	8	-	-	0	aCu	3	•
Leuchars	1006.9	+7	W	6	b	42	65	8	2500	Cu	1	-	1	1
Eskdalemuir	1011.3	+6	W	5	bc	38	75	7	2500	Cu	5	-	5	2
Tynemouth	1010.4	+5	W	6	bc	41	75	7	1500	Cu	3	-	3	•
Blacksod Point	1021.0	+5	NW	6	bc	49	75	7	*	CuNb	6	-	6	•
Donaghadee	1016.7	+6	WNW	7	bc+	42	75	8	2500	CuNb	5	-	5	•
Birr Castle	1021.6	-	W	4	bc-	45	75	8	1500	CuNb	3	aCu	5	•
Holyhead	1019.9	+4	W'N	6	c/p	44	75	8	2500	St.Cu	9	-	9	1
Liverpool (Bidston)	1017.6	+5	W	7	c+	42	75	8	1500	CuNb	8	aCu	9	•
Chester (Sealand)	1018.4	+5	W	6	c	44	65	8	2500	Cu	3	CiCu	9	
Harrogate	1014.2	+8	W	5	bc+	41	65	8	2500	CuNb	2	aCu	3	•
Spurn Head	1011.8	+5	W'N	8	bc	43	65	6	4000	Cu	4	-	4	•
Birmingham (Edgbaston)	1019.7	+5	WNW	6	bc	44	55	8	4000	Cu	4	-	4	2
Cranwell	1016.6	+6	W'N	6	c	42	75	8	1500	Cu	3	A.Cu.	8	1
Gorleston	1014.9	+5	WNW	6	bc	43	65	7	2500	Nb	6	-	6	•
Valentia (Cahirciveen)	1027.5	+3	W'S	4	bc	47	75	8	2500	St.Cu	6	aCu	7	2
Roches Point	1025.9	+5	NW	3	bc	49	75	9	2500	Cu	4	CiCu	6	•
Pembroke (St. Ann's H.)	1024.6	+4	W	6	bc+	46	75	8	800	Cu	6	-	6	•
Ross-on-Wye	1021.6	+3	WNW	6	bc	46	55	8	4000	Cu	7	-	7	1
Leafield	1021.1	+4	W'S	6	bc+	43	55	9	4000	Cu	5	-	5	2
Winchester (Worthy Dn.)	1022.9	+3	W'N	6	bc	44	65	8	2500	Cu	6	-	6	1
S. Farnborough	1021.8	+4	W	5	bc	48	45	8	4000	Cu	3	-	3	2
London (Kew Obsy.)	1021.6	+5	WNW	4	bc	46	45	8	1500	Cu	6	-	6	2
Croydon	1021.5	+5	W'N	4	bc	47	55	7	2500	Cu	4	-	4	2
Shoeburyness	1019.6	+6	WNW	6	b	46	65	8	5700	Cu	1	-	1	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1017.8	+5	W'S	7	bc	45	55	5	2500	Cu	3	-	3	0
Lympne	1021.0	+4	W'N	6	c+	45	55	8	2500	Cu	8	-	8	1
Scilly (St. Mary's)	1028.3	+3	W'N	6	b	50	75	7	4000	Cu	2	-	2	•
Falmouth (Pendennis)	1028.3	+3	WNW	6	c-	49	65	8	2500	CuNb	8	-	8	•
Plymouth (Cattewater)	1027.7	+3	NW	6	bc	48	55	8	4000	Cu	5	-	5	2
Portland Bill	1025.2	+4	W'N	5	bc	47	75	8	2500	Cu	3	-	3	•
Southampton (Calshot)	1023.4	+2	WNW	6	bc+	48	55	8	2500	St.Cu	6	-	6	1
Dungeness	1021.7	+4	NW	6	bc+	48	85	8	2500	Cu	7	-	7	•
Guernsey (Fort George)	1028.2	+3	WNW	5	b/r	47	75	8	2500	CuNb	2	-	2	•

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1001.2	+26	WNW	3	c	40	85	8	4000	St.Cu	8	-	8	•
Stornoway	1011.2	+7	NW	5	bc/ph	39	85	7	4000	CuNb	7	-	7	4
Wick	1007.5	+8	NW	3	bc	38	92	8	1500	CuNb	2	CiSt	4	0
Tiree	1016.6	+4	WNW	5	bc	43	75	8	2500	St.Cu	6	-	6	4
Nairn	1011.0	*	W	3	bc-	36	85	8	4000	Cu	4	-	4	•
Aberdeen	1010.2	+9	WNW	5	b-	38	65	8	2500	Cu	1	-	1	3
Malin Head	1018.9	+7	W	4	c/p	43	92	7	4000	St.Cu	8	-	8	5
Renfrew	1014.9	+7	WNW	6	bc	40	75	8	2500	CuNb	2	Cu	5	•
Edinburgh (Inchkeith)	1012.8	+7	W	3	bc+	40	75	8	4000	Cu	3	aCu	5	2
Leuchars	1013.0	+8	W	4	b	36	85	8	4000	St.Cu	1	-	1	•
Eskdalemuir	1015.2	+7	W	5	bc	37	75	7	2500	Cu	5	-	5	•
Tynemouth	1015.0	+4	W	3	bc/r	40	85	6	800	St	3	-	3	2
Blacksod Point	1023.4	+2	NW	5	bc	45	85	7	•	CuNb	7	-	7	5
Donaghadee	1020.3	+7	WNW	7	bc/pr	42	75	7	2500	Nb	6	-	6	5
Birr Castle	1023.0	•	W	3	bc+	45	75	7	1500	CuNb	4	CiCu	7	•
Holyhead	1023.2	+4	W'N	6	c	45	85	7	4000	St.Cu	9	-	9	5
Liverpool (Bidston)	1021.4	+4	W	6	bc-	43	85	8	1500	CuNb	4	CiCu	9	•
Chester (Sealand)	1021.2	+2	W'N	6	c/p	45	65	7	1500	Nb	9	-	9	•
Harrogate	1017.2	+6	WSW	4	c	38	85	7	2500	CuNb	8	-	8	•
Spurn Head	1017.0	+7	W	7	c	42	85	6	2500	StCu	10	-	10	4
Birmingham (Edgbaston)	1023.5	+4	W	4	bc	43	65	7	4000	StCu	5	-	5	•
Cranwell	1020.5	+4	W	5	c/r	42	92	7	1500	StCu	7	aSt	9	•
Gorleston	1019.0	+4	W	4	bc+	42	75	7	4000	StCu	7	-	7	1
Valentia (Cahirciveen)	1028.7	+1	W'N	3	c/bc	46	85	8	1500	St	8	-	8	4
Roches Point	1027.7	+3	NW	3	c/bc	46	92	8	2500	CuNb	2	CiCu	6	1
Pembroke (St. Ann's H.)	1026.3	+3	W'N	5	bc+	46	85	8	1500	Cu	5	CiSt	7	4
Ross-on-Wye	1024.3	+3	W'S	3	bc	45	65	8	4000	StCu	2	Cu	3	•
Leafield	1024.2	+3	W	4	c	42	75	8	4000	StCu	9	-	9	•
Winchester (Worthy Dn.)	1026.1	+5	W'S	3	c	44	75	8	4000	StCu	9	-	9	•
S. Farnborough	1025.0	+4	W	4	c	43	75	7	5700	StCu	9	-	9	•
London (Kew Obsy.)	1024.7	+3	W	3	c+	45	55	8	1500	StCu	7	aCu	9	•
Croydon	1024.8	+5	W	3	c+	44	65	6	1500	StCu	9	-	9	•
Shoeburyness	1023.9	+6	W'N	4	c+	44	65	8	2500	StCu	6	aSt	9	•
Clacton-on-Sea	1022.1	+5	WNW	4	bc	44	65	7	5700	Cu	5	-	5	2
Felixstowe	1022.3	+6	WSW	5	bc	44	65	8	4000	StCu	3	-	3	0
Lympne	1024.0	+5	W'S	4	c+	42	65	7	2500	StCu	9	-	9	•
Scilly (St. Mary's)	1028.8	+1	WNW	4	bc	47	85	7	4000	StCu	4	aCu	8	5
Falmouth (Pendennis)	1029.9	+2	WNW	4	c+	47	65	8	4000	StCu	9	-	9	1
Plymouth (Cattewater)	1028.7	+1	WNW	5	bc-	47	75	7	4000	Nb	4	aCu	5	2
Portland Bill	1027.2	+2	W'N	5	bc	47	75	8	2500	StCu	4	CiSt	7	5
Southampton (Calshot)	1026.9	+4	W'N	4	c+	46	65	8	2500	StCu	9	-	9	0
Dungeness	1024.7	+4	WNW	3	c+	45	75	8	2500	Cu	8	-	8	4
Guernsey (Fort George)	1030.0	+2	W	1	b-	45	85	7	2500	StCu	2	-	2	1

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather. Morning. (24 hours ended 9h.)	Weather. Afternoon. (24 hours ended 9h.)	Weather. Night. (24 hours ended 9h.)	Temperature. Max. Day. °F.	Temperature. Min. Night. °F.	Temperature. Min. on Grass. °F.	Rainfall mm. Day.	Rainfall mm. Night.	Sunshine to Sunset. hrs. (Yesterday.)	Humidity. 15h. G.M.T. % (Yesterday.)	Humidity. 9h. G.M.T. % (To-day.)	Visibility 9h.
Kew	18	bbcy	bcyem	bcbwq	46	34	29	-	-	7.7	*	*	4
Croydon (24 hours ended 7h.)	244	bbc	bccm	cmrcem	47	37	32	-	Tr	7.8	*	*	5
Greenwich (Royal Obsy.)	149	bbcyq	bccyq	cpbcw	48	36	29	-	Tr	6.0	45	90	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	6.5	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	49	37	28	-	-	7.0	48	91	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	6.8	*	*	*
Camden Square	110	bbcc	cb	*	49	36	31	-	-	*	*	94	*
Kensington Palace	80	bcc	c	*	48	37	29	-	-	*	(At 18h. G.M.T.) 91	*	*
Hampstead Observatory	460	*	*	*	48	33	25	Tr	Tr	7.6	*	98	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.5	19h. 17th	Defective Record.	

Kew Observatory

Max.	Time.	Min.	Time.
<0.3	Throughout		

POLE STAR RECORD at Greenwich Obsy.

Exposure from 17th 18h. 30m. to 18th 6h. 00m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11.30	9.26	82
δ Ursae Minoris	11.30	8.56	78

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 13h. 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 February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.8 7.6	12.7 12.7	17.7 17.9
Greenwich	7.12 7.10	12.14 12.14	17.17 17.18
Wick	7.43 7.41	12.26 12.26	17.11 17.13
Valentia	7.54 7.52	12.55 12.55	17.57 17.58

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 o indicates slight; repetition of letters indicates continuity.
R = heavy rain. r_0 = slight rain. rr = continuous rain.

SYMBOLS.

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

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

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

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

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

SEA DISTURBANCE.

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

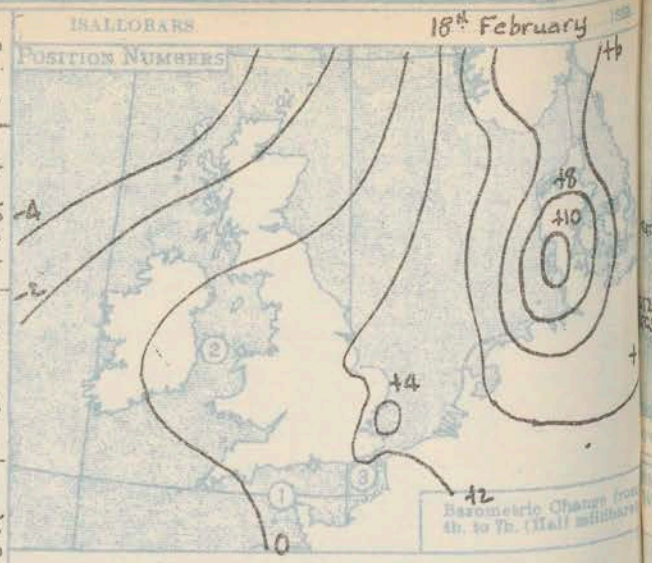
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	Objects not visible at 55 yards.
0. Dense fog.	
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 „	

† 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. 17th	13h.-18h. 17th	18h. 17th to 1h. 18th	1h.-7h. 18th	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	begsn.	Night. 18h.-7h. mm.	begsn.	SUN 17th Hours.
Lerwick	pirc	coirc	bcipr	bccoipr	43	37	.	94	<8.00	1	<21.00	0.0
Stornoway	h-rh	p	bbc	p	42	35	.	2	-	0.2	*	5.4
Wick	ps bc	b.bc	bbc	c	42	34	.	0.3	11.00	-	-	.
Tiree	pr bc	bce	co	pdc	44	39	34	0.2	<8.00	1	2.30	5.5
Nairn	bc prs	prs bc	bcx	bc	40	34		1	9.00	-	-	6.3
Aberdeen	bcbqy	b y q	b	c	42	35	29	-	-	-	-	7.4
Malin Head	bcphpwr	bbc cpr	cbcpr	cd	45	42	.	1	<8.00	0.5	<21.00	3.9
Renfrew	cbprs ph	bcq	bcq bcc	cprcm	44	39	35	1	<8.00	0.3	3.30	5.0
Edinburgh (Inchkeith)	cprs	b.bc	bcb	c	43	38	35	Trace	9.00	-	-	8.0
Leuchars	b	byb	px	bbcc	43	33	25	-	-	-	-	8.7
Eskdalemuir	bccprs bc	bccpbc	bc	cbrom	39	34	33	1	<8.00	0.1	4.30	5.6
Tynemouth	bcq	bcp q	bcbq	bcc	44	38	32	Trace	15.30	-	-	.
Blacksod Point ...	phq bc	bhq c	c	pcbc	48	44	.	2	-	2	*	.
Donaghadee	ps bc	bcpr	pr bc	bcc	45	39	.	0.6	<8.00	0.1	<21.00	.
Birr Castle	bc	bc	bcc	cpr	48	39	32	-	-	0.1	5.30	4.5
Holyhead	bcq	cpr	bcpb	bc	47	43	41	Trace	13.30	Trace	<21.00	5.0
Liverpool (Bidston) ...	bcc bc	bcq cq	bq bcc	cpr	44	41	37	-	-	Trace	6.30	5.1
Chester (Sealand) ...	bcc	c, cprq	bcb	bcc	48	41	34	0.4	16.30	-	-	5.6
Harrogate	cPHSbbc	dcb	bbcb	bbccid	42	38	35	0.2	<8.00	Trace	6.30	5.6
Spurn Head	bcq	bcc	bbc	bbc	43	40	.	-	-	-	-	6.7
Birmingham (Edgbaston)	bbc	bc	bc	bc	44	37	34	-	-	-	-	6.5
Cranwell	cpsprsc	cp	bcpbc	bcc	44	39	36	0.2	<8.00	Trace	<21.00	4.8
Gorleston	bcq	bcq	bcbq	bbcx	45	37	32	-	-	-	-	8.0
Valentia (Cahirciveen)	cp bc	coub	cop	opo	48	44	41	0.2	<8.00	1	<21.00	4.3
Roches Point	bcv	bcp bc	bcbw	bcc	50	42	.	Trace	15.30	Trace	-	.
Pembroke (St. Ann's H.)	bcPH	bcp	b	bbcc	47	43	.	0.5	9.00	-	-	4.3
Ross-on-Wye	bqbccy	bcy	bc	bbc	48	37	29	Trace	<8.00	-	-	6.3
Leafield	p bc	bccp c	cbcb	b	45	35	31	Trace	9.00	-	-	5.5
Winchester (Worthy Dn.)	bbcr bc	bccp	cbcb	bbc	48	33	27	Trace	9.00	-	-	7.1
S Farnborough ...	bbcy	bcyc	b	bffwx	48	32	27	-	-	Trace	-	7.7
London (Kew Obsy.) ...	bbcy	bcycm	bcb	bbcm	48	34	29	-	-	-	-	7.7
Croydon	bbc	bccm	cmirb	bbcm	47	37	32	-	-	Trace	<21.00	7.8
Shoeburyness	b	bc	c	c3	46	37	35	-	-	-	-	7.8
Clacton-on-Sea ...	bc	bc	bcc	cbc	46	37	34	-	-	-	-	9.0
Felixstowe	cq y	bbcyq	bcbw	bbcw	47	40	35	-	-	Trace	-	8.2
Lympne	bbccy	cybbc	cbcb	bbc	47	34	29	-	-	-	-	7.7
Scilly (St. Mary's) ...	bcpb	bbc	bcbcc	bc	50	42	.	Trace	11.00	-	-	5.8
Falmouth (Pendennis)	cp q	cbcq	cbcq	bcc	50	42	.	Trace	<8.00	-	-	6.5
Plymouth (Cattewater)	b, cbyq	bcycpcq	bcb	bcmw	50	35	32	Trace	15.30	-	-	6.2
Portland Bill	bc	bc	b	bbc	48	41	.	-	-	-	-	.
Southampton (Calshot)	bcprbcy	bcyc	bbc	bbcx	49	35	28	-	-	Trace	-	7.9
Dungeness	bc	bcc	cbcb	bcbc	48	35	.	-	-	-	-	.
Guernsey	bcbq	bbc	bcbv	bbcc	48	42	.	Trace	16.30	-	-	7.3



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	17th 10h	Hibernia	NW'W	7	c	42	45
3	18th 2h	Brighton	W	5	b-	47	49

GENERAL INFERENCE.

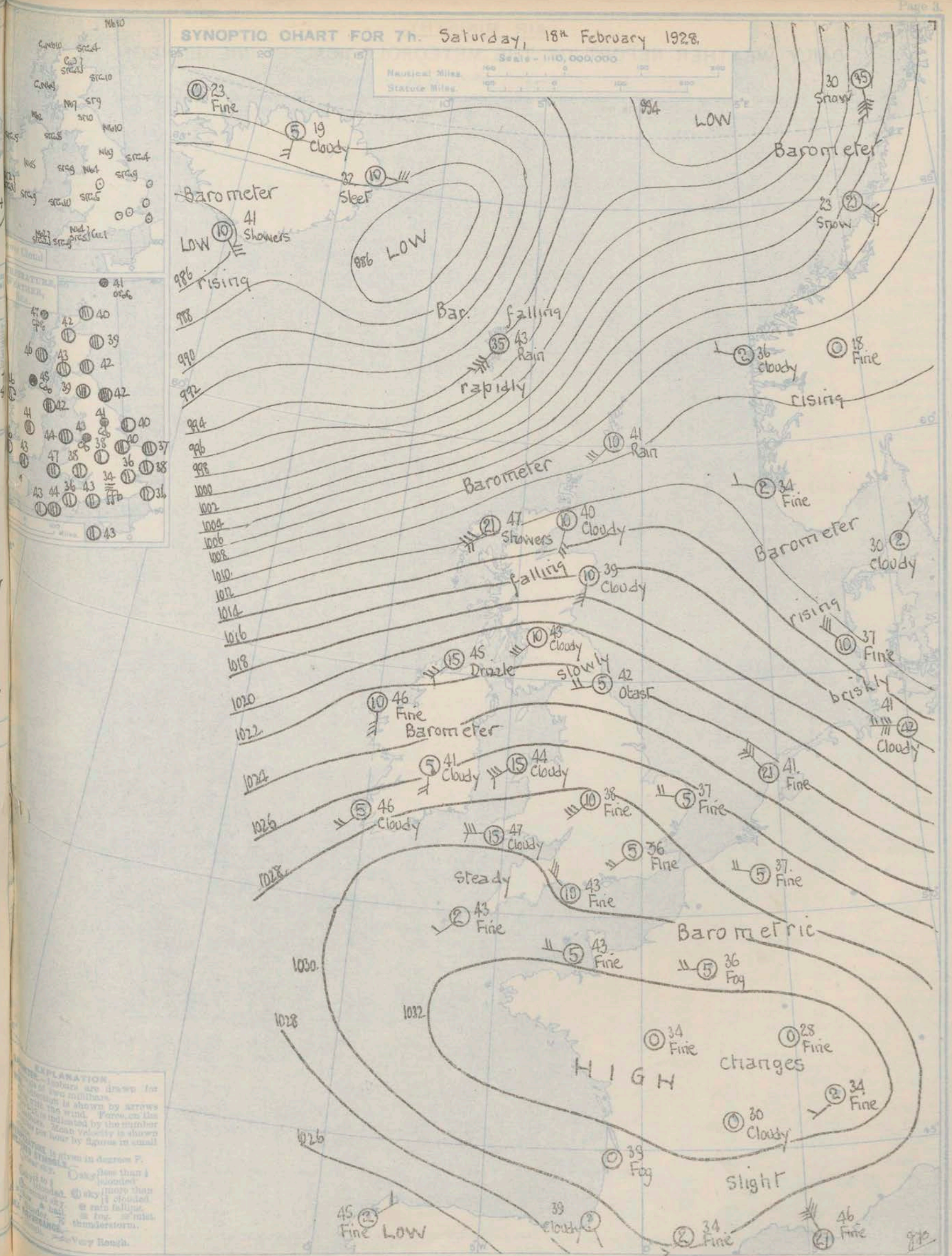
An anticyclone is extending eastwards across France. Depressions will continue to move eastwards north of Scotland and a large depression will approach the British Isles slowly from Mid Atlantic. Moderate southwesterly winds with mainly fair weather are probable over most of England and Southern Ireland but further north winds will be stronger with local rain.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Saturday, 18th February, 1928.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Moderate S.W. wind; fair; mist or moderate fog locally at night; moderate temperature to rather mild.	Unsettled and mild.
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Moderate to fresh southwesterly winds; mainly fair today, probably some rain tomorrow; moderate temperature to rather mild.	
11. S.E. Scotland 12. S.W. Scotland & Isle of Man	Southwesterly winds, strong at times; mainly cloudy, occasional rain; rather mild.	
13 (A. W. Scotland 13 (B. NW. Scotland ♈	Southwesterly winds, strong to a gale at times; mainly cloudy, occasional rain; rather mild.	♈ South Cone still flying.
14. Mid-Scotland	As 11 - 13A.	
15. N.E. Scotland ♈	As 13B.	
16. Orkneys and Shetlands ♈	As 11 - 13A.	
17. N.W. Ireland 18. N.E. Ireland	As 11 - 13A.	
19. S.E. Ireland 20. S.W. Ireland	As 7 - 10	

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

† For code see page 1

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


SYNOPTIC CHART FOR 7h. Saturday, 18th February 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
23 Fine
19 Cloudy
32 Sleet
41 Showers
LOW
886 LOW
Barometer
Rising
Bar. falling
43 Rain
rapidly
994 LOW
30 Snow
23 Snow
36 cloudy
18 Fine
rising
41 Rain
Barometer
34 Fine
47 Showers
40 Cloudy
falling
39 Cloudy
Barometer
30 cloudy
rising
37 Fine
briskly
41 Cloudy
43 Cloudy
45 Drizzle
slowly
42 Obscr
46 Fine
Barometer
41 Cloudy
44 Cloudy
41 Fine
46 Cloudy
38 Fine
37 Fine
47 Cloudy
36 Fine
37 Fine
steady
43 Fine
43 Fine
Barometric
43 Fine
36 Fog
34 Fine
28 Fine
HIGH
changes
34 Fine
30 Cloudy
39 Fog
slight
45 Fine LOW
39 cloudy
34 Fine
46 Fine

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Saturday, 18th February....., 1928. No. 49...

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 18th: 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. 18th: 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	1009.1	+6	WNW	2	bc	39	75	8	4000	Cu	3	-	3	1008.4	-2	SW	3	ors	41	85	7	4000	Nb	10	-	10	•
Stornoway	30	1015.3	0	SW	3	bc-	•	•	7	•	•	•	•	4	1010.3	-4	SW	5	c|pr.	47	85	6	4000	CuNb	10	-	10	4
Wick	81	1014.9	+4	WSW	2	(b)	35	97	8	1500	CuNb	2	-	2	1012.2	-3	SSW	3	c	40	97	8	2500	StCu	4	ASt	10	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.0	-3	SW'W	6	c|p	46	92	8	1500	CuNb	9	-	9	6
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.5	•	W	3	bc+	42	85	8	4000	StCu	7	-	7	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.0	-1	SSW	3	c	39	85	8	4000	StCu	10	-	10	0
Malin Head	51	1021.3	+1	WSW	5	cd.	44	97	7	4000	Nb	2	ASt	9	1020.3	-2	SW	4	cd.	45	92	7	2500	Nb	2	ASt	10	5
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	0	SW	3	c	43	92	6	1500	Nb	7	ASt	9	•
Edinburgh (Inchkeith)	190	1018.7	+5	WSW	3	b	40	85	8	-	-	0	ACu	1	1018.0	-1	SW	4	c+	42	92	8	800	St	9	-	9	2
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.6	-2	SW	4	c	41	92	6	1500	St	8	ASt	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.0	-1	SW'S	4	o	39	92	6	1500	St	10	-	10	•
Tynemouth	67	1021.1	+3	W	3	b	40	85	7	1500	Cu	2	-	2	1021.9	+1	WSW	2	o	42	92	7	1500	Nb	10	-	10	2
Blacksod Point ...	18	1024.2	0	NW	4	bc	46	92	7	•	CuNb	6	-	6	1022.6	-1	S	3	bc	46	85	7	•	StCu	5	-	5	5
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.5	-1	SW	2	c-	42	85	8	4000	StCu	8	-	8	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.7	•	S	2	c+	41	97	7	1500	Nb	8	-	8	•
Holyhead	26	1025.6	+2	W'N	4	b	43	92	7	2500	Cu	1	-	1	1026.7	+1	SW	4	c	44	92	7	2500	StCu	9	-	9	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.7	+1	W	3	cr.	43	85	8	2500	Nb	4	ASt	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.3	+1	SW	2	c	44	75	7	4000	StCu	9	-	9	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	+1	SW	2	cd.	41	92	7	2500	Nb	9	ASt	10	•
Spurn Head ...	29	1021.6	+5	W'N	6	bc	42	85	6	4000	StCu	4	-	4	1024.1	+2	W'S	5	bc+	40	97	6	5700	StCu	4	CiSt	7	2
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.6	+1	SW	3	bc	38	85	8	-	-	0	Ci	5	•
Cranwell ...	236	1024.3	+3	W	4	bc	40	97	7	2500	StCu	5	-	5	1026.8	+2	SW	3	c	40	97	7	1500	StCu	9	-	9	•
Gorleston	14	1022.9	+3	W'N	3	b	40	85	8	-	-	0	-	0	1026.1	+3	W'N	2	bc	37	92	6	-	-	0	ACu	4	0
Valentia (Cahirciveen)P	30	1028.8	0	W	3	bc|pr.	39	97	7	-	St	4	-	4	1027.4	-1	SW	2	c	46	75	8	2500	StCu	10	-	10	4
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.2	0	W	2	c	43	97	8	1500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	150	1029.5	+2	W'N	4	b	45	85	8	-	-	0	CiSt	2	1028.6	0	W	4	c+	47	75	8	1500	StCu	10	-	10	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.4	0	SSW	2	bc	38	85	8	2500	StCu	5	Ci	6	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.3	0	W	3	b	37	85	8	5700	StCu	1	CiSt	2	•
Winchester (Worthy Dn.)	273	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.7	+1	-	0	bc	34	97	7	-	-	0	Ci	3	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.1	+2	W	1	ffb	34	97	2	-	-	0	ASt	1	•
London (Kew Obsy.) ...	18	•	•	•	•	•	42	•	•	•	•	•	•	•	1029.7	+1	SW	2	bc+	36	97	5	-	-	0	ACu	3	•
Croydon	244	1027.8	+2	WSW	3	b	39	92	7	-	-	0	-	0	1029.1	+1	W'S	3	bc	37	97	6	4000	StCu	1	CiSt	3	•
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.7	+5	WNW	3	c	38	92	7	-	-	0	CiSt	9	2
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.0	+2	WNW	4	bc	38	92	7	-	-	0	Ci	6	0
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.9	+3	W'S	3	bc	40	85	7	-	-	0	Ci	3	•
Lympne	350	1027.5	+2	WSW	4	b-	39	92	8	1500	St	2	-	2	1028.9	+1	NW	4	bc+	35	97	7	-	-	0	Ci	7	0
Scilly (St. Mary's) ...	163	1031.0	0	W	3	bc	45	92	8	4000	StCu	5	-	5	1030.4	-1	SW	1	bc	43	97	7	4000	Nb	4	-	4	2
Falmouth (Pendennis)	200	1031.2	+1	WNW	4	bc+	43	85	7	4000	CuNb	4	-	4	1030.6	-1	WNW	2	c+	44	75	8	4000	StCu	9	-	9	0
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1030.5	0	NE	2	c+	36	97	7	2500	StCu	9	-	9	2
Portland Bill ...	32	1029.4	+1	W'S	3	b	46	85	8	-	-	0	-	0	1029.6	0	NW	3	bc	43	92	8	2500	Cu	1	Ci	4	2
Southampton (Calshot)	10	1029.6	+2	W'N	3	b	40	85	7	-	-	0	-	0	1030.2	+1	-	0	bc	36	92	7	4000	StCu	3	Ci	4	0
Dungeness	20	1028.2	+3	W	4	b-	42	85	8	1500	Cu	2	-	2	1029.1	+3	NNW	2	bc+	36	92	8	-	-	0	CiCu	4	✓
Guernsey (Fort George)P	295	1031.8	0	WNW	2	b-	45	85	8	4000	Cu	2	-	2	1031.2	+1	WNW	2	bc+	43	85	7	2500	CuNb	2	Ci	4	

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

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 16th to 9h. 17th.	Temperature. Max. 9h.-17h. 17th.	Rainfall.† Night 17h.-9h. 16th-17th.	Rainfall.† Day 9h.-17h. 17th.	Sunshine. Sunrise to 17h. 17th.	Sunshine. Sunrise to Sunset. 16th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F.	°F.	mm.	mm.	hr.	hr.
Berwick-on-Tweed	bcb	bbc	35	43	-	-	8.4	4.2
Douglas (I. o. M.) ...	cb	cb	35	44	0.5	-	8.2	2.1
Llandudno ...	bc	cbc	39	46	2	-	4.2	2.3
Colwyn Bay ...	ccrcb	bbcc	38	45	3	-	4.5	2.5
Rhyl	bc	bcc	39	46	2	-	4.9	2.5
Wallasey	cbcc	cbc	{39	45	4	-	3.4	2.4
Southport	gbcb	bcbcc	*39	44	1	-	5.0	1.5
Blackpool	cbc	c	38	45	1	-	6.6	1.8
Ilkley	ch	bcc	36	42	13	0.3	2.1	0.0
Cleethorpes	b	b	37	44	4	-	7.2	1.5
Skegness	bcscbc	bc	36	46	1	Trace	6.8	0.5
Aberystwyth ...	bc	bc	40	46	-	-	4.0	1.7
Bath	b	bbcc	41	48	1	-	7.5	0.2
Cheltenham‡ ...	bc	bc	38	47	1	-	2.2	0.0
Leamington Spa ...	bc	bcc	37	46	0.5	-	6.3	0.0
Lowestoft	b	b	37	46	1	-	8.8	0.1
Felixstowe	bbc	bc	39	48	0.2	-	8.0	0.0
Harwich & Dovercourt	rbc	bc	38	46	0.6	-	8.2	0.0
Southend	bzbcb	bbccz	38	47	0.6	-	8.9	0.2

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cb	b	42	47	0.1	-	4.9	0.0
Bude	bc	bc	45	48	0.5	-	6.2	0.9
Penzance	cbc	cb	42	52	2	-	5.0	1.3
Paignton	bbc	bcy	46	51	1	-	7.2	0.0
Torquay	bq	bcgcb	41	51	1	-	7.9	0.3
Jersey	pbc	bc	46	51	1	-	7.0	0.0
Weymouth	b	b	40	51	1	-	7.4	0.1
Bournemouth ...	bbcb	bbc	39	49	-	-	6.8	0.0
Ventnor ...	rb	bpbc	40	49	2	Trace	6.7	0.0
Portsmouth (S'thsea)	b	b	40	48	-	-	8.6	0.0
Bognor	b	b	39	49	1	-	8.6	0.0
Littlehampton ...	bc	bc	39	48	0.5	-	6.8	0.0
Worthing	bcb	bbcc	39	49	-	-	7.1	0.0
Brighton	bcb	bc	41	49	-	-	7.6	0.0
Eastbourne‡ ...	bbc	bcc	41	48	0.1	-	8.0	0.0
Hastings‡	bbc	bcc	39	50	0.4	-	8.0	0.0
Folkestone	bbc	bcc	39	47	0.5	-	7.2	0.0
Dover	bbc	bc	40	48	1	-	8.1	
Tunbridge Wells ...								0.0
Ramsgate	b	bbc	39	47	-	-	8.5	0.0
Margate	bc	bc	40	~~48~~	-	-	8.8	0.0
Deal	b	b	39	47	-	-	8.3	

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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. B24,195 Sunday, 19th February 1928. Page 1.

Observations at 13h. 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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1001·3	-5	SW	4	or₀r₀	45	92	7	4000	Nb	10	-	10	·
Stornoway	1009.5	0	WSW	7	orr₀	48	97	6	2500	Nb	10	-	10	·
Wick	1010·4	-2	SW	3	c|pr₀	47	97	8	1500	Nb	8	ASt	10	·
Tiree	1016·8	0	W'S	6	od₀+	47	92 [7]	5	1500	Nb	10	-	10	1
Nairn	·	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	1014.1	-4	SSE	3	c	47	75	7	1500	Cu	1	ACu	9	1
Malin Head	1020·2	-1	SW	5	c	47	97	7	2500	St	2	ACu	9	·
Renfrew	1019.1	-1	WSW	5	c	46	85	7	1500	StCu	10	-	10	2
Edinburgh (Inchkeith)	1016·6	-2	WSW	5	cjp	44	85	8	1500	St	9	-	9	·
Leuchars	1016·9	-2	SW	6	c	47	85	7	1500	St	6	ASt	9	1
Eskdalemuir	1020·6 (~~[illegible]~~)	-2	SW	6	od₀	41	97	6	800	Nb	10	-	10	2
Tynemouth	1021·0	-1	W	3	o|m	46	85	7	1500	Nb	10	-	10	·
Blacksod Point	1023·3	+1	NW	4	bc	43	85	8	*	CuNb	5	-	5	·
Donaghadee	1022·9	-1	SW	3	c	47	75	8	4000	StCu	8	-	8	·
Birr Castle	1026·9	·	S	2	bc-	45	92	7	2500	StCu	4	ACu	7	·
Holyhead	1026·6	-1	SW	4	c	47	85	8	4000	StCu	9	-	9	1
Liverpool (Bidston)	1026.5	-2	WSW	5	cv	46	65	9	2500	St	9	-	9	·
Chester (Sealand)	1026·1	-1	W'S	5	c	49	65	8	2500	StCu	6	Ci	9	1
Harrogate	1023·2	-2	WSW	6	c	43	65	8	2500	Nb	1	ASt	10	·
Spurn Head	1024·9	0	SW	4	c	45	85	6	5700	StCu	5	CiSt	10	·
Birmingham (Edgbaston)	1027.8	-1	WSW	3	c+	45	75	8	4000	StCu	8	-	8	2
Cranwell	1027.1	-1	W'S	4	c	46	75	7	2500	StCu	8	CiSt	10	1
Gorleston	1026·5	+1	W'N	3	c+	48	75	7	5700	StCu	7	CiCu	9	·
Valentia (Cahirciveen)	1027.8	-1	SW'S	3	c|pr₀	47	85	8	1500	St	8	-	8	2
Roches Point	1028.1	0	W	2	c	48	92	8	1500	StCu	4	CiCu	8	·
Pembroke (St. Ann's H.)	1028·8	0	SW	3	bc|r	46	92	8	2500	Cu	4	CiCu	6	·
Ross-on-Wye	1028.1	0	W	2	c-	47	65	8	4000	StCu	7	Ci	8	1
Leafield	1028.7	-1	WSW	4	c	44	75	8	4000	StCu	9	-	9	2
Winchester (Worthy Dn.)	1029·3	-2	W'S	3	bc	48	65	8	2500	Cu	6	Ci	7	1
S. Farnborough	1029·2	-1	W'S	3	bc+	50	65	7	2500	Cu	3	CiSt	5	1
London (Kew Obsy.)	1029.2	-2	W'N	3	bc	48	65	7	4000	StCu	2	Ci	7	2
Croydon	1029·2	-1	W	2	bc+	47	65	6	4000	Cu	1	Ci	6	2
Shoeburyness	1028.7	0	W	2	bc	49	75	5	5700	Cu	1	ASt	7	·
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	·
Felixstowe	1028.7	0	W	2	c	48	75	7	4000	Cu	2	Ci	8	0
Lympne	1028.7	-2	SW'W	3	bc+	48	75	7	2500	Cu	2	CiCu	6	1
Scilly (St. Mary's)	1030.7	+1	SE'S	1	bc	53	75	8	4000	Cu	4	-	4	·
Falmouth (Pendennis)	1030.6	-1	S'W	3	c	47	85	8	4000	StCu	8	-	8	·
Plymouth (Cattewater)	1030·4	-2	SSW	3	c+	47	85	8	4000	StCu	9	ACu	9	2
Portland Bill	1030.1	0	W	3	b	47	85	8	2500	StCu	2	-	2	·
Southampton (Calshot)	1029.9	-2	SW'S	3	bc+	50	75	8	2500	Cu	3	Ci	4	0
Dungeness	1029.9	+2	WSW	2	bc+	48	85	7	1500	Cu	2	CiCu	6	·
Guernsey (Fort George)	1031·3	-1	SW	1	c+	47	85	8	2500	CuNb	8	-	8	·

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

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1003.5	+3	SW'W	4	cjp	47	85	7	4000	CuNb	5	ASt	10	·
Stornoway	1012·5	+4	WNW	6	or₀	49	97	6	2500	Nb	10	-	10	5
Wick	1010.1	+2	WSW	4	c|pr₀	48	92	8	1500	Nb	8	CiSt	10	3
Tiree	1018·8	+4	SW	6	o	48	97	7	1500	St	10	-	10	4
Nairn	1012·7	·	W	2	c|r	47	85	8	4000	CuNb	8	-	8	·
Aberdeen	1014.1	+2	SW'W	3	b-	48	75	8	5700	StCu	1	ACu	2	0
Malin Head	1021.0	+2	WSW	5	c	47	92	7	5700	StCu	9	-	9	5
Renfrew	1019.5	+1	W	4	cr₀	47	85	8	800	StCu	10	-	10	·
Edinburgh (Inchkeith)	1016·8	0	WSW	5	c	46	85	7	800	St	6	ACu	8	3
Leuchars	1017.3	+2	SW	5	bc	46	85	7	2500	StCu	3	ASt	6	·
Eskdalemuir	1021.4	+2	SSW	3	odd	42	92	5	450	Nb	10	-	10	·
Tynemouth	1020.5	0	W	3	c	46	85	7	1500	Nb	8	-	8	2
Blacksod Point	1023.0	0	S	3	bc	48	85	7	·	CuNb	7	-	7	5
Donaghadee	1022·9	0	W	3	bc+	47	85	8	2500	StCu	7	-	7	2
Birr Castle	1025·9	·	W	2	c+	47	85	7	2500	StCu	6	ACu	9	·
Holyhead	1026·3	0	SW'S	3	c	45	92	7	4000	StCu	9	-	9	0
Liverpool (Bidston)	1026·5	0	W'S	4	cv	46	65	9	1500	St	9	-	9	·
Chester (Sealand)	1026·5	+1	SW	3	c	46	75	8	4000	StCu	9	-	9	·
Harrogate	1023·8	+1	SW'W	5	c	43	85	7	7200	Nb	8	ACu	~~(10)~~	·	9
Spurn Head	1023.7	-1	W'S	5	bc	42	92	6	4000	StCu	6	ACu	7	2
Birmingham (Edgbaston)	1027·4	0	WSW	2	c	46	75	6	4000	StCu	10	-	10	·
Cranwell	1026·4	-1	WSW	3	c-	43	85	7	2500	StCu	4	ASt	8	·
Gorleston	1026·2	-1	W'S	1	c	44	75	6	2500	Nb	5	ASt	9	0
Valentia (Cahirciveen)	1026·6	0	SW'S	4	bc	45	85	8	1500	St	2	ACu	3	3
Roches Point	1027.5	0	W	2	c	46	97	8	1500	StCu	9	-	9	1
Pembroke (St. Ann's H.)	1028·2	-1	SW	3	bc-	45	92	8	2500	Cu	3	Ci	5	1
Ross-on-Wye	1027.8	0	W'S	2	c	46	75	8	4000	StCu	10	-	10	·
Leafield	1028·0	-1	WSW	3	c	43	85	8	4000	StCu	9	-	9	·
Winchester (Worthy Dn.)	1028·6	-1	W'S	2	c+	44	75	7	4000	StCu	7	ASt	10	·
S. Farnborough	1028.5	0	W	1	c	45	75	7	2500	StCu	9	-	9	·
London (Kew Obsy.)	1028.7	0	W'S	2	c	45	65	6	4000	StCu	9	-	9	·
Croydon	1028.7	0	W	2	c	45	75	6	2500	StCu	9	CiSt	10	·
Shoeburyness	1028.1	0	W	2	c+	45	75	6	4000	StCu	10	-	10	·
Clacton-on-Sea	1027.1	-1	W	3	bc	46	85	7	5700	StCu	5	Ci	7	1
Felixstowe	1027.5	0	WNW	3	c	47	75	7	4000	StCu	10	-	10	1
Lympne	1028·2	+1	W'S	3	b	43	92	6	-	-	0	ACu	2	·
Scilly (St. Mary's)	1028·9	0	S'W	1	cv+	46	92	9	4000	StCu	8	-	8	2
Falmouth (Pendennis)	1029.7	-1	SW'S	2	cd₀	45	85	8	4000	StCu	9	-	9	0
Plymouth (Cattewater)	1029·4	-1	SSW	3	c	47	75	7	4000	Nb	9	-	9	1
Portland Bill	1029.1	-1	WSW	2	c+	47	85	8	2600	StCu	9	ASt	10	2
Southampton (Calshot)	1029·4	0	WSW	3	c	45	85	7	4000	StCu	8	-	8	0
Dungeness	1029.0	-2	WSW	3	bc	44	97	8	4000	StCu	4	Ci	6	2
Guernsey (Fort George)	1030·4	0	-	0	c	46	75	8	4000	StCu	8	-	8	0

(Harrogate 18h Total Amt.: (10) struck through, corrected in margin to 9.)

LONDON OBSERVATIONS.	Heights above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	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 at 9h
Kew } 24 hours ended 7h.	18	bm₀bc	bcem₀	bcm₂r₀	49	38	28	-	-	5·8	*	*	
Croydon } 24 hours ended 7h.	244	bcm₂	bc₂cm	cmqbcm	50	35	27	-	-	5·9	*	*	
Greenwich (Royal Obsy.)	149	bbc	bcc	cbxm	51	37	24	-	-	4·3	61	72	3
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	3·3	*	*	*
Westminster (St. James' Pk.)	37	*	*	*	52	36	31	-	-		71	77	*
Regent's Pk. (Botanic Gdns).	163	*	*	*	*	*	*	*	*	4·4	*	*	*
Camden Square	110	bc	c	*	50	38	29	-	-	*	*	90	*
Kensington Palace	80	bc	co	*	50	39	28	-	-	*	(At 18h) 65	83	*
Hampstead Observatory	450	*	*	*	49	35	25	-	-	5·1	*	79	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

	Max.	Time.	Min.	Time.
South Kensington	0·6	9h. 18th	<0·3	1h 19th
Kew Observatory	0·?	9h 18th	<0·3	Rest of period

POLE STAR RECORD at Greenwich Obsy.

Exposure from 18th ....h....m. to 19th ....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=Scaling 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 February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7·6 7·4	12·7 12·7	17·9 17·11
Greenwich	7·10 7·8	12·14 12·14	17·18 17·20
Wick	7·41 7·38	12.26 12.26	17·13 17·16
Valentia	7·52 7·50	12·55 12·55	17·58 18·0

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—12000 m.
h hail. i intermittent.
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

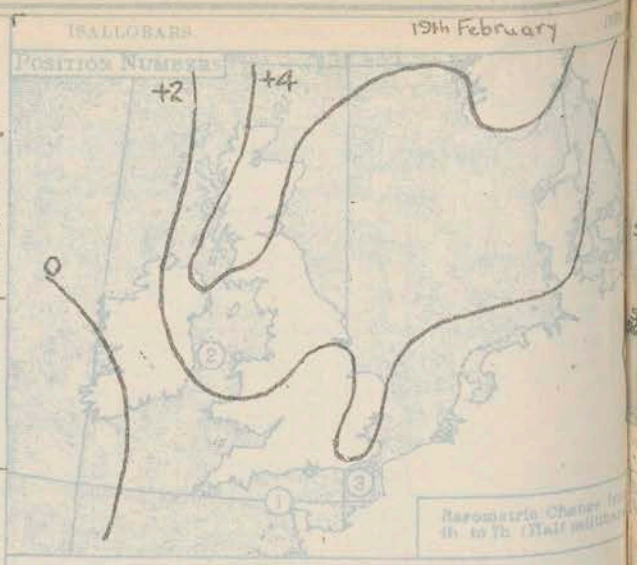
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	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.-13h. 18th	Weather. 13h.-18h. 18th	Weather. 18h. 18th to 1h. 19th	Weather. 1h.-7h. 19th	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 18th Hours.
Lerwick	or.rq.	qir.c	bcc	cbc	48	43	.	10	<8.00	—	—	0.0
Stornoway	r-d	r-d	c	b	49	46	.	7	*	1	*	0.0
Wick	cpr.	cpr.	c.prc	c	48	44	.	0.2	12.30	0.1	22.00	.
Tiree	pdom.	pdo	3c	cbc	48	43	41	0.2	<8.00	—	—	0.0
Nairn	bcd	bcprc	cq.bc	bc	48	46	.	0.6	11.00	—	—	0.0
Aberdeen	c	cbcb	bcbc	bc	50	45	39	—	—	—	—	0.4
Malin Head	cdce	ce	ce	ce	48	42	.	Trace	<8.00	—	—	0.5
Renfrew	cp.cq	cq.d.	cq.rd.	c	47	45	42	0.2	<8.00	Trace	<21.00	0.4
Edinburgh (Inchkeith)	p	c	bcc	cbc	47	44	42	Trace	12.30	—	—	0.2
Leuchars	c	cbc	bccb	bbc	48	42	40	—	—	—	—	0.7
Eskdalemuir	oidirm	odod m.	oddom.	om.c	42	41	41	3	9.00	1	<21.00	0.0
Tynemouth	om	rcq	cbcq	bc	47	44	38	—	—	—	—	.
Blacksod Point ...	p.bc	p.c	cr.	c	50	44	.	0.3	*	0.2	*	.
Donaghadee	c	c.bc	cbc	bcw	47	40	.	—	—	—	—	.
Birr Castle	bcpr.	bcc	c	c	50	40	35	0.1	<8.00	—	—	2.2
Holyhead	c	c	oc	c	49	45	44	—	—	—	—	1.2
Liverpool (Bidston) ...	cqv	cv	cv	cocv	47	43	39	—	—	—	—	0.0
Chester (Sealand) ...	c	c	c	cv	50	42	38	—	—	—	—	1.7
Harrogate	cid.c	cq	cbbc	bbc	44	41	35	Trace	<8.00	—	—	0.1
Spurn Head	c	b.bc	bbc	bcw	46	40	.	—	—	—	—	0.2
Birmingham (Edgbaston)	bcc	cbc	c	cbc	48	38	35	—	—	—	—	0.6
Cranwell	c	c	cb	bbc	47	37	35	—	—	—	—	1.5
Gorleston	bcc	c	b	bbc	49	36	33	—	—	—	—	2.4
Valentia (Cahirciveen)	ocp.	cp.bc	bcop.	cop.	51	42	39	0.1	12.30	0.2	<21.00	3.9
Roches Point	cid.c	c	cbc	bcdir	50	42	.	Trace	<8.00	Trace	5.30	.
Pembroke (St. Ann's H.)	bccp.	cb	bc	bcd.	47	43	.	Trace	12.30	Trace	3.30	4.0
Ross-on-Wye	bcc	c	c	cb	49	38	28	—	—	—	—	1.6
Leafield	bbc	c	c	cbcx	45	36	30	—	—	—	—	3.5
Winchester (Worthy Dn.)	bcm.bc	bcc	c	c	49	41	38	—	—	—	—	5.9
S Farnborough ...	bxo.b	bcc	c	cbw	51	38	28	Trace	—	—	—	5.1
London (Kew Obsy.) ...	bmwbc	bccm.	bcm.	bx.	49	38	28	—	—	—	—	5.8
Croydon	bcm3.	bc3cm.	cm.	cbcx	50	35	27	—	—	—	—	5.9
Shoeburyness	bmbcm	bcmom	om.	cmbm.	49	37	33	—	—	—	—	4.2
Clacton-on-Sea ...	bc	bc	bcb	p.bc	50	38	34	—	—	—	—	5.4
Felixstowe	bcc	c	cbcb	bw	49	39	35	—	—	Trace	—	3.6
Lympne	bc	bcm	bm.bc	bcb	49	35	28	—	—	—	—	7.8
Scilly (St. Mary's) ...	bc	bcc	c	c	53	44	.	—	—	—	—	4.8
Falmouth (Pendennis)	c	cd.	ed.c	c	48	45	.	Trace	16.30	—	—	0.3
Plymouth (Cattewater)	cmwb	cv	c	c	52	44	41	Trace	—	—	—	2.4
Portland Bill	b	bbcc	c	co	49	45	.	—	—	—	—	.
Southampton (Calshot)	bcxbbc	bcc	c	c	51	43	41	—	—	—	—	6.2
Dungeness	bc	bc	bcbc	bcc	49	42	.	—	—	—	—	.
Guernsey	bcc	cbcc	cbcb	b	49	42	.	—	—	—	—	3.5



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea
2	18th 10h.	Hibernia	SW	4	C	46	46
1	18th ?	Reindeer	W'N	4	C-	50	49
3	19th 2h.	Arundel	W	4	D	48	47

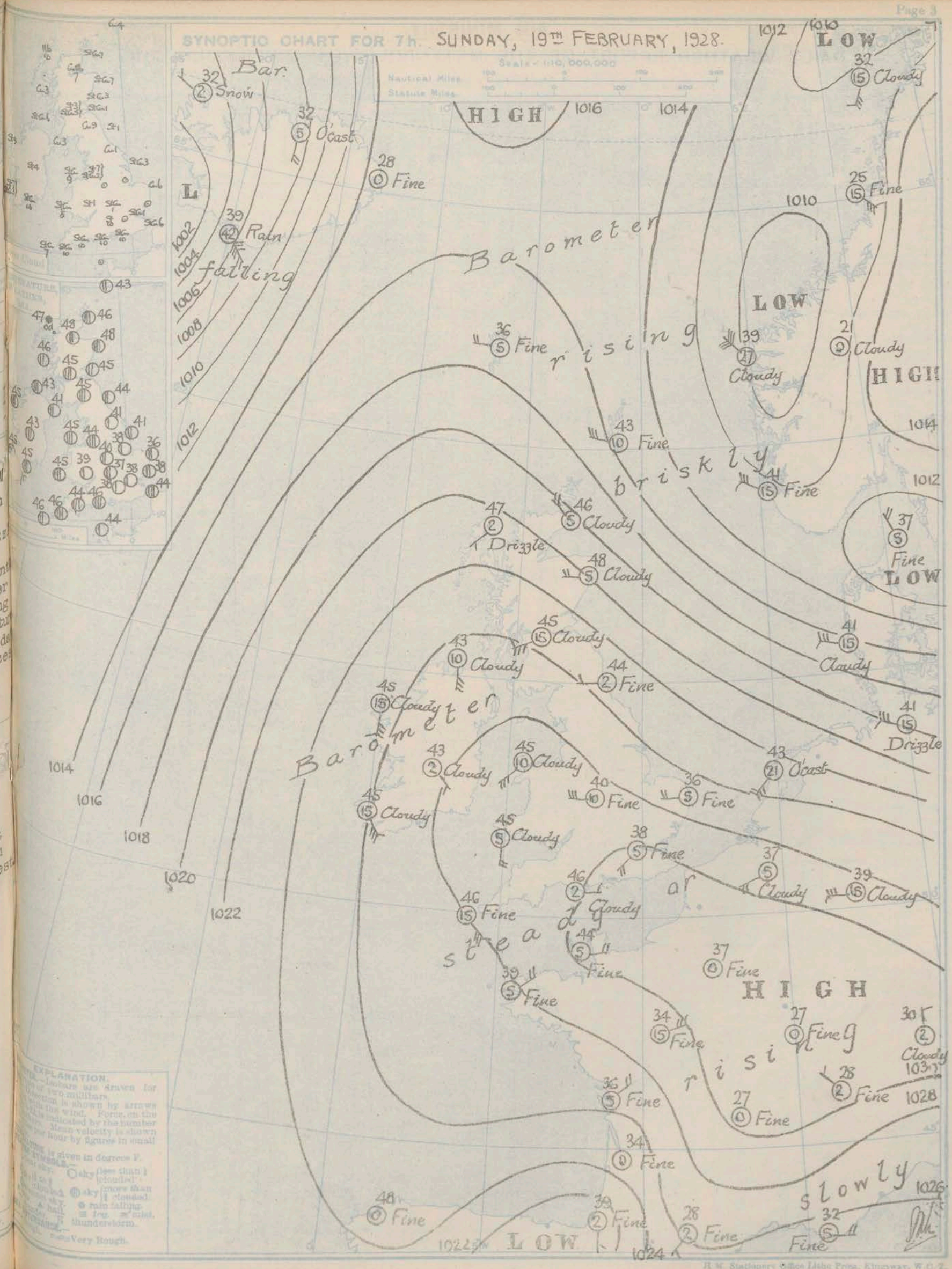
GENERAL INFERENCES.

An anticyclone centred over France is spreading over the British Isles and will maintain fair weather in most districts though some slight rain or drizzle is probable in the Northwest. Further depressions on the Atlantic seem likely to cause the weather to deteriorate again before long in the latter districts. Temperature somewhat above normal during the day but frost at night in many places and some local fog.

District.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 19th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Moderate westerly to light variable winds; fine; rather mild in day, some sharp frost at night; local mist or fog at night.	Probably continuing fair in the Southeast but unsettled in the North and West.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Light or moderate southerly winds; bright to cloudy, perhaps slight drizzle locally; rather mild in day but frost inland and local mist or fog at night.	
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. N.W. Scotland 14. Mid Scotland	Moderate southwesterly winds; varying amount of cloud, slight rain or drizzle locally; rather mild but local frost inland at night.	
15. N.E. Scotland 16. Orkneys and Shetlands	Light or moderate N.W. to S.W. winds; fair; rather mild by day, some frost at night.	
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 1030 G.M.T. G. C. Simpson, F.R.S., Director.

(For code see para. 1.) † Trace = rain has fallen but amounts less than 0.1 mm.



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AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Sunday, 19th February, 1928. No. 50

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 19th. Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 19th. Barom. at M.S.L. mb.	Change in 3 Hours.	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	64	1010.4	+5	SW	3	c	46	75	7	4000	Cu	5	ASt	8	1015.4	+5	W'N	3	bc	43	75	8	4000	Cu	4	-	4	·
Stornoway	30	1018.3	+3	W	4	bc	·	·	7	·	·	·	·	6	1023.0	+4	SW	1	od.	47	97	6	2500	Nb	10	-	10	0
Wick	81	1015.9	+5	NW	1	c	48	97	8	1500	Nb	8	CiSt	10	1020.8	+5	NW	2	c	46	97	8	1500	StCu	7	ASt	10	0
Tiree	22	·	·	·	·	·	·	·	·	·	·	·	·	·	1025.6	+3	W'S	4	bc	46	85	8	1500	Cu	3	ACu	6	1
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·	1023.3	·	W	1	bc	48	85	8	4000	CuNb	7	-	7	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·	1022.6	+3	W	2	c	48	85	8	2500	StCu	7	ACu	8	0
Malin Head	81	1024.6	+3	WSW	4	c	46	97	7	5700	StCu	9	-	9	1026.5	+2	S	3	c	43	97	7	5700	StCu	6	ACu	8	2
Renfrew	36	·	·	·	·	·	·	·	·	·	·	·	·	·	1025.4	+4	WSW	4	c	45	97	8	1500	StCu	8	-	8	·
Edinburgh (Inchkeith)	190	1028.8	+4	WSW	4	bc†	45	92	8	1500	St	7	-	7	1024.0	+3	SW	3	bc	45	97	8	5700	StCu	1	ACu	4	2
Leuchars	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1023.4	+3	WSW	4	bc	44	92	8	4000	StCu	3	ACu	6	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·	1026.3	+3	WSW	3	c	45	85	7	1500	Cu	9	ACu	9	·
Tynemouth	87	1021.6	+1	W	4	bc	46	85	7	1500	Cu	4	-	4	1025.0	+3	W	1	bc	44	92	8	1500	St	1	ACu	4	1
Blacksod Point	18	1025.0	+1	S	4	oc	46	92	6	·	Nb	10	-	10	1025.6	0	S	4	c	45	75	7	·	St	9	·	9	4
Donaghadee	40	·	·	·	·	·	·	·	·	·	·	·	·	·	1027.1	+3	WSW	2	bc	41	92	8	2500	Cu	2	·	3	2
Birr Castle	173	·	·	·	·	·	·	·	·	·	·	·	·	·	1027.5	·	SE	1	c	43	85	7	800	St	4	ASt	10	·
Holyhead	26	1027.0	0	SW'W	3	c	45	97	7	2500	StCu	9	-	9	1028.4	+2	SW'W	3	c	45	92	8	4000	StCu	9	-	9	0
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·	1028.5	+2	W	3	cv	44	85	9	2500	St	9	-	9	·
Chester (Sealand)	16	·	·	·	·	·	·	·	·	·	·	·	·	·	1026.3	+3	NW	2	cv	45	75	9	4000	StCu	9	-	9	·
Harrogate	473	·	·	·	·	·	·	·	·	·	·	·	·	·	1027.6	+2	W'S	1	b	41	92	8	4000	Cu	1	Ci	2	·
Spurn Head	29	1024.5	0	WSW	4	bc	40	92	6	4000	StCu	4	-	4	1025.6	+2	W	5 4	bc	41	92	6	4000	StCu	3	CiCu	4	·
Birmingham (Edgbaston)	535	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.5	+1	W	3	bc	40	75	8	-	-	0	Ci	5	·
Cranwell	236	1026.9	+1	WSW	4	b	40	92	8	4000	StCu	1	-	1	1024.3	+1	W'S	4	b	38	97	6	-	-	0	Ci	2	·
Gorleston	14	1026.6	0	W'S	3	b†	39	92	7	5700	Cu	1	-	1	1027.5	+2	W	2	bc	36	92	7	4000	Cu	6	-	6	0
Valentia (Cahirciveen) ‡	30	1026.5	0	SW	2	bcd	43	97	9	·	CuNb	4	-	4	1025.6	0	SES	4	c	45	85	8	1500	St	10	-	10	3
Roches Point	32	·	·	·	·	·	·	·	·	·	·	·	·	·	1028.1	0	SSE	2	c/c	45	92	8	1500	StCu	10	-	10	·
Pembroke (St. Ann's H.)	150	1028.3	0	WSW	2	bc	45	97	8	1500	StCu	3	-	3	1029.2	+1	S'W	2	c+	45	75	8	2500	StCu	8	-	8	·
Ross-on-Wye	228	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.5	+1	SW	2	b	39	85	8	2500	St	<1	Ci	6	·
Leafield	512	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.7	+1	WSW	2	bc	37	85	8	5700	StCu	1	ACu	6	·
Winchester (Worthy Dn.)	272	·	·	·	·	·	·	·	·	·	·	·	·	·	1030.0	+1	SW'W	1	c	42	85	7	2500	StCu	6	-	10	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.8	+2	-	0	b	38	85	7	-	-	0	Ci	1	·
London (Kew Obsy.)	18	·	·	·	·	·	43	·	·	·	·	·	·	·	1030.4	+1	SW'W	2	b	38	92	7	4000	StCu	1	ACu	2	·
Croydon	244	1029.4	0	W'S	2	c	43	75	8	5700	StCu	4	ASt	9	1030.2	+2	SW	2	bc	36	92	7	5700	StCu	1	Ci	3	·
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.5	+1	W	2	b	38	92	6	-	-	0	CiSt	1	*
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.7	0	WNW	3	bc	38	92	7	-	-	0	ACu	3	1
Felixstowe	15	·	·	·	·	·	·	·	·	·	·	·	·	·	1028.9	+1	WNW	3	b	39	85	7	-	-	0	Ci	2	0
Lympne	350	1028.6	0	W'S	3	bc	40	97	7	-	-	0	ACu	4	1029.8	+2	W'S	3	b	35	97	7	-	-	0	ACu	2	·
Scilly (St. Mary's)	163	1028.6	0	SE'E	2	c	46	75	8	4000	StCu	8	·	8	1027.8	0	SE	4	bc	46	85	9	4000	StCu	7	-	7	4
Falmouth (Pendennis)	200	1029.2	-1	SE'E	2	c	46	75	8	4000	StCu	9	-	9	1029.4	0	SE'S	4	c	46	75	8	4000	StCu	10	-	10	1
Plymouth (Cattewater)	83	·	·	·	·	·	·	·	·	·	·	·	·	·	1029.6	0	ESE	3	c	44	75	7	4000	StCu	10	-	10	1
Portland Bill	52	1029.1	0	-	0	c	46	75	8	4000	StCu	10	-	10	1029.5	+1	E	1	c-	46	65	8	2500	StCu	10	-	10	1
Southampton (Calshot)	10	1029.9	0	NW'W	2	c	44	75	7	1500	St	10	-	10	1030.8	+1	NNW	2	c	44	75	7	1500	StCu	10	-	10	2
Dungeness	20	1029.1	0	W	2	bc-	43	92	8	-	-	0	ASt	4	1030.7	+1	W	2	c+	44	92	8	4000	StCu	6	ACu	8	0
Guernsey (Fort George) ‡	295	1029.8	0	-	0	bc-	44	75	8	4000	StCu	6	-	6	1030.2	0	E	2	b	44	75	8	-	-	0	Ci	1	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18th February 1928

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h.-17th. to 9h.-18th.	Temperature. Max. 9h.-17th. 18th.	Rainfall.‡ Night 17h.-9h. 17th.-18th.	Rainfall.‡ Day 9h.-17h. 18th.	Sunshine. Sunrise to 17h. 18th.	Sunshine. Sunrise to Sunset. 17th.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	c	c	36	47	-	-	0.3	8.4
Douglas (I. o. M.)	cbcc	cbcc	37	48	-	-	2.0	8.2
Llandudno	cbc	c	40	49	-	-	2.7	4.2
Colwyn Bay	coc	cbcc	39	51	-	-	0.6	4.5
Rhyl	c	c	42	49	0.2	-	0.1	4.9
Wallasey	cbco	c	40	49	-	-	0.0	3.4
Southport	oc	oc	*41 12	49	0.1	-	2.4	5.0
Blackpool	oc	bcc	41	49	0.1	-	1.6	6.6
Ilkley	cd.	c	37	46	0.5	0.2	0.0	2.1
Cleethorpes	co	o	39	47	-	-	0.9	7.2
Skegness	bbc	bcco	37	47	-	-	0.4	6.8
Aberystwyth	bc	p.c	40	47	-	0.5	0.3	4.0
Bath	mbbcc	cbc	34	50	-	-	2.2	7.5
Cheltenham	bcc	cbcc	37	47	-	-	2.1	2.2
Leamington Spa	c	c	36	48	-	-	1.2	6.3
Lowestoft	b	bbc	37	49	-	-	3.7	8.8
Felixstowe	bc	bc	37	50	-	-	3.8	8.0
Harwich & Dovercourt	bc	bc	37	50	-	-	4.7	8.2
Southend	bbcz	bbcoz	36	49	-	-	4.7	8.9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	ocbc	cbc	42	49	-	-	1.3	4.9
Bude	bccbc	bcc	45	51	-	-	2.9	6.2
Penzance	bc	cb	41	50	Trace	-	2.9	5.0
Paignton	bw	bbcco	36	53	-	-	4.6	7.2
Torquay	bw	buo	39	51	-	-	4.5	7.9
Jersey	c	bc	41	50	-	-	2.4	7.0
Weymouth	b	b	37	52	-	-	7.9	7.4
Bournemouth	b	bbc	35	51	-	-	7.0	6.8
Ventnor	bz	b	39	49	-	-	7.9	6.7
Portsmouth (S'thsea)	b	b	36	52	-	-	8.3	8.6
Bognor	b	b	36	51	-	-	8.8	8.6
Littlehampton	b	bc	34	48	-	-	8.2	6.8
Worthing	b	bbc	34	50	-	-	7.2	7.1
Brighton	b	bc	37	48	-	-	7.9	7.6
Eastbourne‡	b	b	38	49	-	-	8.4	8.0
Hastings‡	bbcb	bbcc	37	49	Trace	-	7.7	8.0
Folkestone	bbc	bcm	37	50	-	-	7.6	7.2
Dover	b	bbc	37	50	-	-	7.8	8.1
Tunbridge Wells	bbc	bbc	33	51	-	-	7.4	7.5
Ramsgate	b	bbc	38	51	-	-	7.2	8.5
Margate	bc	bc	40	51	-	-	7.5	8.8
Deal	bc	bc	38	52	-	-	7.5	8.3

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. ‡ 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. 24196 Monday, 20th February 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	1021.0	+3	NW	3	bc	45	75	8	4000	Cu.	3	Ci.St.	4	•
Stornoway	1025.8	+4	W	2	c-	50	85	7	4000	Cu.Nb.	8	–	8	•
Wick	1023.2	+3	WNW	2	c_0r_0	49	92	8	1500	Nb.	8	A.St.	10	•
Tiree	1028.4	+1	SW	3	c	48	92	8	1500	St.Cu.	9	–	9	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1026.0	+3	WNW	2	c	53	75	8	2600	St.Cu.	9	–	9	1
Malin Head	1027.4	+1	SSE	4	c	46	85	8	5700	St.Cu.	9	–	9	•
Renfrew	1028.3	+1	WSW	3	c	49	85	6	4000	St.Cu.	10	–	10	2
Edinburgh (Inchkeith)	1026.9	+3	SW	3	bc	48	85	7	–	–	0	Ci.	4	•
Leuchars	1027.2	+2	W	3	bc	55	65 (75 corrected in red)	8	5700	St.Cu.	5	–	5	1
Eskdalemuir	1028.4	+1	W'S	4	bc	47	75	7	1500	Cu.	7	–	7	2
Tynemouth	1027.3	+2	W	2	bc	53	75	7	1600	St.	2	A.Cu.	4	•
Blacksod Point	1026.9	0	S	4	bc	47	75	9	•	St.	7	–	7	•
Donaghadee	1028.7	+2	SW	2	c-	47	75	8	4000	St.Cu.	8	–	8	•
Birr Castle	1029.0	•	SE	2	c	45	75	7	1500	St.Cu.	6	A.St.	9	•
Holyhead	1030.2	+1	SW	2	c	47	85	8	4000	St.Cu.	10	–	10	1
Liverpool (Bidston)	1030.7	+1	W'N	2	bc-	47	75	8	4000	St.Cu.	5	–	5	•
Chester (Sealand)	1029.7	+1	N'W	2	c	50	65	9	5700	St.Cu.	9	–	9	1
Harrogate	1028.7	+2	WSW	2	b	51	75	8	–	–	0	A.Cu.	1	•
Spurn Head	1028.4	+2	WNW	3	bc	46	85	6	–	–	0	A.Cu.	6	•
Birmingham (Edgbaston)	1030.4	0	NW	2	bc	49	65	6	4000	St.Cu.	7	–	7	2
Cranwell	1029.3	0	W	2	bc	51	85	6	4000	St.Cu.	5	A.Cu.	7	1
Gorleston	1028.4	+1	WNW	2	bc	49	75	6	5700	Cu.	5	–	5	•
Valentia (Cahirciveen)	1026.7	-1	SES	5	c	48	75	8	2500	St.Cu.	8	A.Cu.	9	1
Roches Point	1027.9	0	SSE	3	c	46	92	8	2500	St.Cu.	10	–	10	•
Pembroke (St. Ann's H.)	1030.0	0	SE	3	c+	45	75	8	2500	St.Cu.	10	–	10	•
Ross-on-Wye	1029.7	0	N	2	bc	50	65	8	4000	St.Cu.	5	–	5	1
Leafield	1029.7	+1	N	1	bc	49	65	9	4000	Cu.	6	–	6	2
Winchester (Worthy Dn.)	1030.5	-1	S	1	c	46	65	7	4000	St.Cu.	9	–	9	1
S. Farnborough	1030.5	0	WSW	2	bc	50	65	7	4000	Cu.	4	–	4	1
London (Kew Obsy.)	1030.6	-2	W	2	bc	49	65	5	4000	Cu.	2	A.Cu.	3	1
Croydon	1030.4	-1	NW	1	b	50	65	6	4000	Cu.	1	–	1	1
Shoeburyness	1030.0	0	WNW	2	bc	53	65	6	5700	Cu.	1	Ci.	3	•
Clacton-on-Sea														
Felixstowe	1029.7	0	NW	2	bc	51	75	8	–	–	0	Ci.	3	0
Lympne	1029.8	-1	NW'N	2	bc+	50	65	8	4000	Cu.	4	–	4	1
Scilly (St. Mary's)	1028.0	0	SE'E	4	bc	49	85	8	4000	St.Cu.	5	A.Cu.	7	1
Falmouth (Pendennis)	1027.5	-1	SE	5	bc	48	65	8	4000	Cu.	7	–	7	1
Plymouth (Cattewater)	1030.2	-1	SSE	3	c	47	65	9	4000	St.Cu.	8	–	8	1
Portland Bill	1030.5	+1	E	1	c	47	75	6	2500	St.Cu.	9	A.Cu.	10	•
Southampton (Calshot)	1031.7	+1	–	0	c	47	65	7	4000	St.Cu.	6	A.Cu.	10	0
Dungeness	1030.3	+1	WSW	2	bc	48 (47 corrected in red)	75	8	2500	Cu.	2	Ci.St.	4	•
Guernsey (Fort George)	1030.4	0	E	3	b	47	75	8	–	–	0	–	0	•

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	1026.0	+5	NW	1	c+	42	85	8	4000	Cu.	8	–	8	•
Stornoway	1027.3	+2	WSW	2	c+	47	92	7	2500	St.Cu.	10	–	10	1
Wick	1027.7	+4	NW	2	c	45	97	7	1500	Nb.	8	A.St.	10	0
Tiree	1028.6	+1	S	3	c+	45	97	8	1500	St.Cu.	10	–	10	1
Nairn	1027.1	•	W	3	bc	47	85	8	1500	St	6	–	6	•
Aberdeen	1028.9	+4	NW	1	c	50	85	6	2500	St.Cu.	9	–	9	0
Malin Head	1028.6	+2	S	3	c	44	92	8	5700	St.Cu.	9	–	9	1
Renfrew	1030.0	+2	WSW	3	c	46	85	7	4000	St.Cu.	10	–	10	•
Edinburgh (Inchkeith)	1028.9	+3	W	1	c	49	92	6	800	St.	3	Ci.	8	0
Leuchars	1029.0	+2	WSW	2	c	46	97	7	5700	St.Cu.	1	A.St.	8	•
Eskdalemuir	1030.2	+3	SSW	2	c+	43	92	7	1500	St.	9	–	9	•
Tynemouth	1029.6	+3	W	2	bc	47	85	7	1500	St.	2	Ci.	3	1
Blacksod Point	1025.6	0	S'E	4	c	46	85	8	•	St.Cu.	9	–	9	4
Donaghadee	1030.3	+3	SW	2	bc+	42	85	8	4000	St.Cu.	7	–	7	2
Birr Castle	1028.7	•	SE	*2 (red)	c	45	85	7	2500	St	6	A.St	9	•
Holyhead	1031.1	+2	SW	2	c	44	75	8	4000	St.Cu.	10	–	10	0
Liverpool (Bidston)	1031.8	+1	W'N	1	bc+	44	85	8	2500	Cu.	2	Ci.	7	•
Chester (Sealand)	1030.7	+2	W'N	2	bc-	42	92	6	5700	St.Cu.	3	Ci.	4	•
Harrogate	1031.2	+1	SW'W (W'S corrected in red)	2	b	42	85	7	–	–	0	A.Cu.	1	•
Spurn Head	1029.4	+4	W'N	2	c+	46	92	6	4000	St.Cu.	10	–	10	0
Birmingham (Edgbaston)	1031.5	+2	NNW	1	mbc+	44	75	4	4000	St.Cu.	3	–	3	•
Cranwell	1030.9	+2	W'S	1	bc-	45	92	6	–	–	0	A.Cu.	3	•
Gorleston	1030.2	+2	–	0	c+	47	92	6	4000	St.Cu.	10	–	10	0
Valentia (Cahirciveen)	1026.4	+1	SE	4	c	48	75	8	1500	St.Cu.	10	–	10	3
Roches Point	1028.5	+1	SSE	3	c	47	92	8	2500	St.Cu.	10	–	10	1
Pembroke (St. Ann's H.)	1030.7	0	SE	3	c	44	75	8	2500	St.Cu.	10	–	10	0
Ross-on-Wye	1030.7	+2	SW	2	b	42	75	6	–	–	0	A.St.	1	•
Leafield	1031.5	+2	SW'W	2	b	43	85	7	5700	St.Cu.	1	Ci.	2	•
Winchester (Worthy Dn.)	1031.0	+1	SW'S	1	b	39	85	6	–	–	0	A.St.	1	•
S. Farnborough	1030.9	+1	WSW	1	b	43	75	7	–	–	0	Ci.	1	•
London (Kew Obsy.)	1031.6	+2	W'S	1	mb	46	75	4	4000	St.Cu.	1	A.St.	2	•
Croydon	1031.5	+3	–	0	m_0b	40	85	4	–	–	0	Ci.	2	•
Shoeburyness	1031.1	+2	WNW	1	b-	43	85	6	–	–	0	Ci.St.	1	•
Clacton-on-Sea	1030.9	+1	WNW	2	bc	46	85	7	–	–	0	A.Cu.	3	0
Felixstowe	1031.4	+3	–	0	b	46	92	8	–	–	0	–	0	0
Lympne	1031.2	+2	SW	3	bc-	41	85	7	–	–	0	Ci.St.	7	•
Scilly (St. Mary's)	1028.9	+1	ESE	3	bc	46	92	8	4000	St.Cu.	2	Ci.	4	1
Falmouth (Pendennis)	1030.6	+1	SE'E	3	bc+	47	75	8	4000	Cu.	3	Ci.	6	1
Plymouth (Cattewater)	1030.6	+2	E	3	b-	45	85	7	4000	Cu.	1	Ci.	1	1
Portland Bill	1030.8	0	E	1	b	45	75	8	2500	Cu.	1	A.Cu.	1	0
Southampton (Calshot)	1031.9	+1	–	0	b-	43	75	7	–	–	0	A.Cu.	1	0
Dungeness	1031.5	+2	W	2	bc	44	92	8	2500	St.Cu.	2	A.Cu.	4	3
Guernsey (Fort George)	1030.7	0	E	1	b	45	85	8	–	–	0	–	0	0

London Observations.	Heights 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 / Croydon } 24 hours ended 7h.	18	[illegible]	bz bm	[illegible]	52	29	23	–	tr	7.6	•	•	0
Greenwich (Royal Obsy.)	244	[illegible]	[illegible]	[illegible]	53	29	24	–	–	9.0	•	•	A
City (Bunhill Row)	149	[illegible]	cbf	[illegible]	51	30	23	–	–	5.0	62	83	3
Westminster (St. James' Pk.)	80	•	•	•	•	•	•	•	•	4.5	•	•	•
Regent's Pk. (Botanic Gdns).	27	•	•	•	52	32	26	–	–		79	92	•
Camden Square	168	•	•	•	•	•	•	•	•	6.3	•	•	•
Kensington Palace	110	bcb	bcb	•	52	34	28	–	–	•	•	97	•
Hampstead Observatory	80	bc	bc	•	50	32	25	–	–	•	(At 18h) 7.6	90	•
	450	•	•	•	52	35	21	–	–	7.2	•	87	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.3	19th 19h	0.3	19th 13h

Kew Observatory Max.	Time.	Min.	Time.
0.6	19th 23h	<0.3	19th 15h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 19th 18 h. 30 m. to 20th 6 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.30	9.35	83
δ Ursae Minoris	11.30	9.14	80

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

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

20th–21st Feb., 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.4 / 7.2	12.7 / 12.7	17.11 / 17.13
Greenwich	7.8 / 7.6	12.14 / 12.14	17.20 / 17.22
Wick	7.38 / 7.36	12.26 / 12.26	17.16 / 17.18
Valentia	7.50 / 7.48	12.55 / 12.55	18.0 / 18.2

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. r_0 = 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.
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

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

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

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

§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

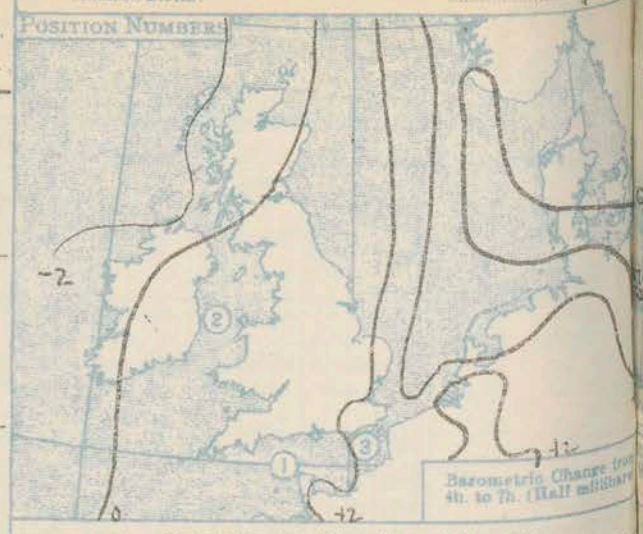
† Trace = rain has fallen, but amount less than 0.1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 19th	Weather. 18h.-18h. 19th	Weather. 18h. 19th to 1h. 20th	Weather. 1h.-7h. 20th	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 19th Hours.
Lerwick	cbc	c	cbcb	bbcop	47	36	.	–	–	0.2	3.30	5.1
Stornoway	doc	c	c	c	51	43	.	0.2	*	–	*	2.3
Wick	cbr	cbrc	cidc	c	49	43	.	/	23.00	0.1	21.00	.
Tiree	c	co	co	co	49	43	40	–	–	–	–	0.0
Nairn	bc	bc	bcx	bc	53	38	.	–	–	–	–	2.5
Aberdeen	cbcc	cm	cm	b-bc	53	41	36	–	–	–	–	0.2
Malin Head	c	~~c.x~~ co	ce	ce	48	41	.	–	–	–	–	1.5
Renfrew	c	c	c	c	49	41	40	–	–	–	–	0.0
Edinburgh (Inchkeith)	bc	bcc	im	c	49	41	40	–	–	–	–	6.0
Leuchars	bc	bcc	cbbc	bbcc	56	~~(36)~~ 37	32	–	–	–	–	4.7
Eskdalemuir	cbc	bcc	c	co	49	38	38	–	–	–	–	3.3
Tynemouth	bc	bc	bc	bm	54	40	35	–	–	–	–	.
Blacksod Point ...	c	c	co	o	48	45	.	Trace	*	–	*	.
Donaghadee	bcc	cbc	c	c	49	42	.	–	–	–	–	.
Birr Castle	cid	c	c	c	46	44	42	Trace	28.00	–	–	0.0
Holyhead	c	c	cbw	bwm	48	36	30	–	–	–	–	0.0
Liverpool (Bidston) ...	vc	bcvbc	bcm	bcoF	48	34	31	–	–	Trace	4.30	5.5
Chester (Sealand) ...	c	cbcm	bmFf	bFoFo	50	29	27	–	–	Trace	–	0.0
Harrogate	b	b	b	bx	52	36	29	–	–	–	–	8.6
Spurn Head	b-bc	c	ffo	f-m	47	41	.	–	–	–	–	4.5
Birmingham (Edgbaston)	bc	bcm	mbcb	mbbcx	51	35	22	–	–	–	–	2.9
Cranwell	c	bc	bm	bxFx	53	33	30	–	–	–	–	6.2
Gorleston	bc	bcc	c	cm	52	41	42	–	–	–	–	3.7
Valentia (Cahirciveen)	oco	o	o	o	49	48	47	–	–	–	–	0.2
Roches Point	c	c	c	c	48	42	.	–	–	–	–	.
Pembroke (St. Ann's H.)	c	c	b	bbc	46	41	.	–	–	–	–	0.0
Ross-on-Wye	bbc	cb	bmw	bmbcfx	54	27	20	–	–	–	–	6.4
Leafield	vbc	(cvbc)	bw	bx	51	34	20	–	–	–	–	5.2
Winchester (Worthy Dn.)	cm	cbcbm	bmbx	bbcmx	48	27	19	–	–	–	–	2.6
S. Farnborough ...	bbc	bcyb	bwm	bFx	54	25	22	–	–	–	–	8.0
London (Kew Obsy.) ...	cmwbcz	bzbm	bffw	oFfz	52	29	23	–	–	Trace	–	7.6
Croydon	xbcbz	bzym	bmm	bmmx	53	29	24	–	–	–	–	9.1
Shoeburyness	bm	bm	bm	bbcF	55	28	23	–	–	–	–	8.3
Clacton-on-Sea ...	bc	bc	bcbm	bbcm	53	38	32	–	–	–	–	9.1
Felixstowe	bbc	b	bcxm	balbm	53	37	30	–	–	Trace	–	9.2
Lympne	bc	bbc	bcb	bbmx	52	34	25	–	–	–	–	8.2
Scilly (St. Mary's) ...	bc	bc	bcb	b	50	44	.	–	–	–	–	7.1
Falmouth (Pendennis)	cbcq	bc	bc	bc	48	46	.	–	–	–	–	4.4
Plymouth (Cattewater)	cbcv	cvb	bw	bw	50	39	33	–	–	Trace	–	3.7
Portland Bill	cz	cb	bm	bcm	43	43	.	–	–	–	–	.
Southampton (Calshot)	c	cbcb	bm	bmx	48	31	20	–	–	–	–	1.0
Dungeness	cbc	bbc	bcbz	bzbmfx	49	32	.	–	–	–	–	.
Guernsey	b	b	bm	bmw	48	43	.	–	–	Trace	–	9.4

ISALLOBARS. 20th February

POSITION NUMBERS



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
3	20th 2h	Brighton	N'E	1	bc	43	47

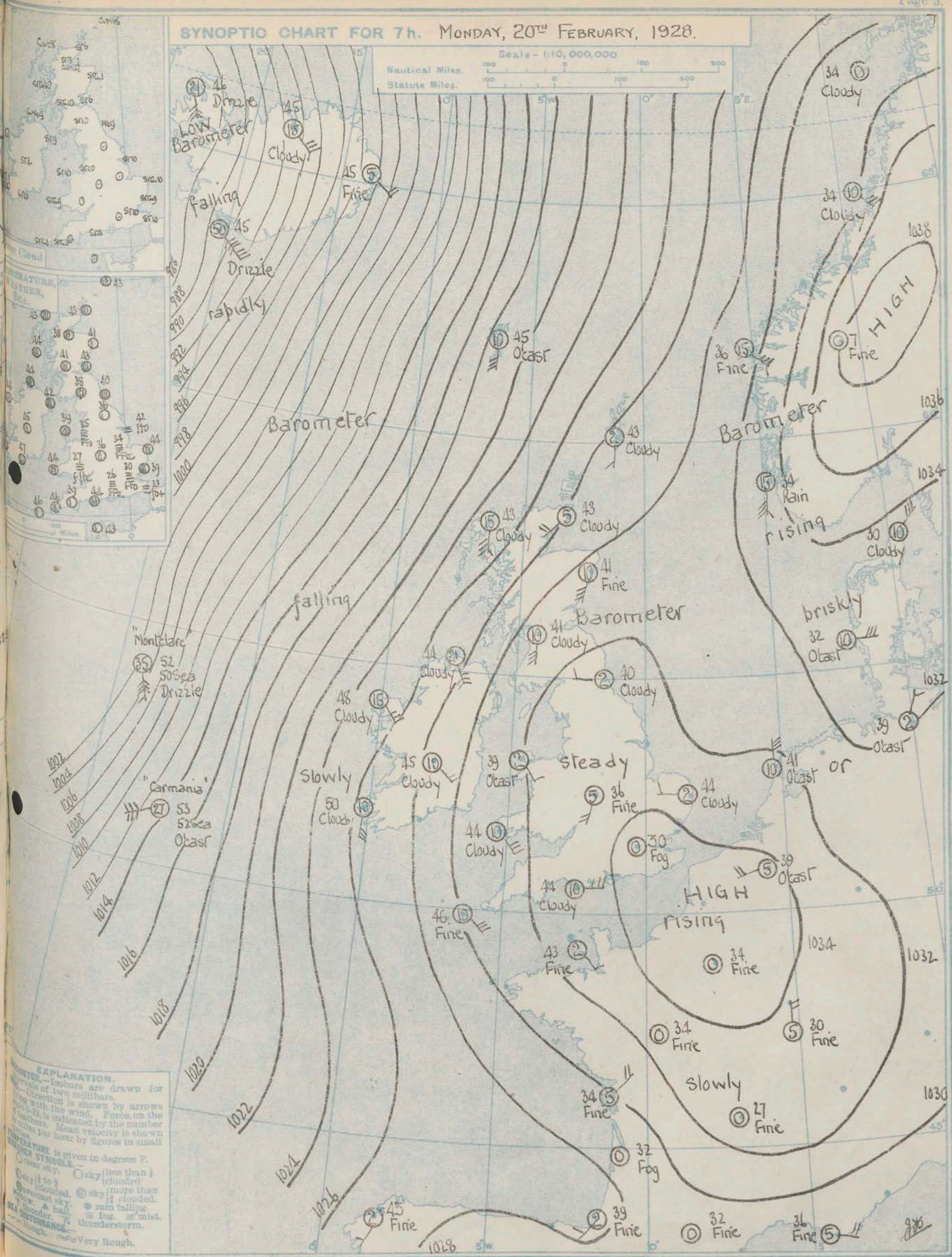
GENERAL INFERENCE.

Anticyclones at present covering the British Isles and Scandinavia will probably merge into a single system. A deep depression in Mid-Atlantic is moving N. or N.E. and spreading, E. Fair weather will continue over the greater part of the British Isles, but some drizzle may occur in extreme western and northwesterm coastal districts. Night frosts will occur locally and some mist or fog at night and in the early morning.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 20th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands	Light variable winds, becoming from between E. and S., fine or fair, some mist; fog locally night and early morning; moderate day temperature, ground frost at night.	Mainly fair in the East, uncertain in the West.
4. W. Midlands 5. S.W. England 6. South Wales	Wind S.E. to S., light to moderate; fair, some mist; fog locally night and early morning; moderate day temperature, ground frost locally at night.	
7. North Wales 8. N.W. England 9. N. Midlands	Wind southerly, light to moderate; fair, some mist, fog locally night and early morning; moderate day temperature, local ground frost at night.	
10. N.E. England 11. S.E. Scotland	Moderate or fresh southerly winds, strong locally; mainly cloudy, some coastal drizzle; mist locally, moderate temperature.	
12. S.W. Scotland & Isle of Man 13 {A. W. Scotland, B. N.W. Scotland}	Strong southerly winds, perhaps reaching gale force locally; mainly cloudy, some drizzle; mist locally; moderate temperature	♀ South Cone hoisted 10h. GMT. today.
14. Mid-Scotland 15. N.E. Scotland	As 10 - 11.	
16. Orkneys and Shetlands	As 12 - 13A.	
17. N.W. Ireland 18. N.E. Ireland	Freshening southerly winds, becoming strong locally; mainly cloudy, some local drizzle and mist; moderate temperature	
19. S.E. Ireland	Freshening southerly winds; mainly cloudy, some mist; moderate temperature.	
20. S.W. Ireland	As 17.	

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

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


SYNOPTIC CHART FOR 7h. MONDAY, 20TH FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles.
Statute Miles.
Low Barometer
falling rapidly
Barometer
falling
Barometer
steady
Barometer
rising briskly
or
HIGH
rising
HIGH
slowly
"Montclare"
"Carmania"
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the Beaufort 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 ¼ clouded. Sky ¼ to ½ clouded. Sky more than ½ clouded. Overcast sky. Rain falling. Drizzle. Hail. Fog. Mist. Thunder. Thunderstorm.
SEA DISTURBANCE.—Rough. Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION... Monday, 20th February ..... 1928. No. 51

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 20th: 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	1027.8	0	-	0	b	37	97	8	4000	Cu	1	C.St	2
Stornoway	30	1027.2	0	SE	4	c	*	*	6	*	*	*	*	10
Wick	81	1028.6	0	SSW	1	c	44	97	7	1500	St	6	A.St	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1028.3	-1	SSE	3	c	43	92	7	5700	St.Cu	10	-	10
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1030.1	+2	SW	1	c	44	85	7	800	St	8	C.Cu	10
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	87	1031.7	0	W	2	bc	42	92	8	1500	Cu	5	-	5
Blacksod Point ...	18	1025.4	0	SE	4	c	47	85	6	*	-	0	A.St	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1031.8	+1	-	0	b	37	97	7	-	-	0	-	0
Liverpool (Bidston) ...	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand) ...	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1031.5	+1	NNW	1	ff.o	43	97	3	800	St	10	-	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1032.7	+1	WSW	1	b	35	97	6	-	-	0	-	0
Gorleston	14	1032.1	+1	WSW	1	c	46	92	6	-	-	0	A.St	10
Valentia (Cahirciveen)¶	30	1026.5	+1	SE	2	c	48	97	9	*	St	9	-	9
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1031.5	0	SE	2	b	43	85	8	-	-	0	-	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough ...	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.) ...	18	*	*	*	*	*	37	*	*	*	*	*	*	*
Croydon	244	1033.5	+1	SSW	1	b	34	97	5	-	-	0	-	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea ...	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1032.9	+2	NW	2	b	37	92	7	-	-	0	-	0
Scilly (St. Mary's) ...	163	1030.7	0	SE'S	3	b	44	97	8	-	-	0	-	0
Falmouth (Pendennis)	200	1031.4	-1	SE'E	4	bc	46	92	8	4000	St.Cu	3	-	3
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill ...	32	1032.0	0	ESE	2	b	44	85	5	-	-	0	-	0
Southampton (Calshot)	10	1033.5	+1	-	0	b	36	65	5	-	-	0	-	0
Dungeness	20	1033.8	+1	W	1	b-	38	97	6	-	-	0	-	0
Guernsey (Fort George)¶	205	1032.4	0	ESE	1	b-	44	92	7	-	-	0	-	0

STATIONS.	Observations at 7h. G.M.T. 20th: 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	1028.4	0	S	1	c.jf	43	97	7	4000	Cu.Nb	5	A.St	10	•
Stornoway	1025.3	-3	S	4	c	43	92	7	4000	Cu.Nb	8	-	8	3
Wick	1028.1	-1	SW	2	c	43	97	7	1500	St	6	A.St	10	0
Tiree	1026.8	-1	S	5	c	44	85	8	1500	St.Cu	10	-	10	3
Nairn	1027.9	*	-	0	bc+	38	85	8	1500	St.Cu	7	-	7	•
Aberdeen	1030.1	0	SSW	3	b	41	75	7	2500	St.Cu	1	A.St	2	0
Malin Head	1026.2	-2	SSE	5	c	44	92	7	5700	St.Cu	9	-	9	2
Renfrew	1030.8	0	S	3	c	41	85	7	2500	St.Cu	10	-	10	•
Edinburgh (Inchkeith)	1030.5	0	SW	2	c	42	85	8	1500	St	6	A.Cu	10	0
Leuchars	1031.1	+1	SW	2	c	41	85	7	4000	St.Cu	10	-	10	•
Eskdalemuir	1031.9	0	SSE	2	0	38	92	7	1500	St	10	-	10	•
Tynemouth	1032.1	+1	W	1	c+	40	92	5	1500	Nb	9	-	9	1
Blacksod Point ...	1024.8	0	SE	4	c	48	92	7	*	-	0	A.St	10	5
Donaghadee	1030.3	0	SSW	2	c-	42	85	8	4000	St.Cu	9	-	9	1
Birr Castle	1028.7	*	SE	3	c	45	85	7	800	St	4	A.St	10	•
Holyhead	1032.0	0	SE'S	1	0	39	92	6	4000	St	10	-	10	0
Liverpool (Bidston) ...	1032.8	0	SE'S	3	FFo	35	97	0	4150	St	10	-	10	•
Chester (Sealand) ...	1032.2	0	SE	2	Fo-	33	97	1	220	St	10	-	10	•
Harrogate	1033.2	0	SWW	1	b	36	92	7	-	-	0	A.Cu	2	•
Spurn Head	1032.3	+1	NNW	2	ff.o	42	97	3	450	St	10	-	10	0
Birmingham (Edgbaston)	1033.9	+1	SSW	2	bc	36	92	5	-	-	0	Ci	6	•
Cranwell	1033.7	0	-	0	FFbc	34	97	1	-	-	0	Ci.Cu	5	0
Gorleston	1033.5	+2	W'N	1	c	44	92	6	4000	St.Cu	10	-	10	•
Valentia (Cahirciveen)¶	1027.3	0	S'E	3	c	50	92	7	1500	St	9	-	9	3
Roches Point	1029.3	0	SSE	2	c	47	97	8	2500	St.Cu	10	-	10	4
Pembroke (St. Ann's H.)	1031.8	0	SE	3	c+	44	85	7	2500	St.Cu	9	-	9	0
Ross-on-Wye	1033.4	0	N	1	ff.bc	27	97	3	-	-	0	Ci	7	•
Leafield	1033.7	+1	SE'S	1	bc	35	97	6	5700	St.Cu	1	Ci	5	•
Winchester (Worthy Dn.)	1033.9	+1	-	0	bc	28	97	6	4000	St.Cu	1	C.St	3	•
S. Farnborough ...	1034.1	+1	-	0	FFbc	26	97	1	-	-	0	Ci	3	•
London (Kew Obsy.) ...	1034.5	+2	-	0	FFo	30	97	1	4150	St	10	-	10	•
Croydon	1034.6	+2	-	0	mbc+	29	97	4	-	-	0	C.St	4	•
Shoeburyness	1034.5	+1	W	1	FFbc	29	97	0	-	-	0	C.St	3	•
Clacton-on-Sea ...	1033.8	+1	NW	3	c	39	92	6	7200	St.Cu	8	-	8	0
Felixstowe	1034.4	+2	-	0	mmc	39	97	4	4000	St.Cu	9	-	9	0
Lympne	1033.8	+2	SE'S	1	mmbc	38	92	4	-	-	0	Ci	6	•
Scilly (St. Mary's) ...	1030.5	0	SE	3	b	46	97	7	4000	St.Cu	1	-	1	1
Falmouth (Pendennis)	1031.8	0	SE'E	3	bc	46	92	7	4000	St.Cu	3	-	3	1
Plymouth (Cattewater)	1032.2	0	E	3	b	37	97	7	-	-	0	Ci	1	0
Portland Bill	1032.6	+1	E	3	c-	41	92	5	1500	St	4	C.St	10	0
Southampton (Calshot)	1034.1	+1	N	2	b	32	97	5	-	-	0	-	0	0
Dungeness	1034.1	+2	NW	2	[illegible]	33	97	3	4150	St	10	-	10	2
Guernsey (Fort George)¶	1032.6	+1	SE	1	b+	43	97	7	-	-	0	Ci	2	1

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Sunday, 19th February

STATIONS.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h.-18th. to 9h. 19th. °F	Temperature. Max. 9h.-17h. 19th. °F	Rainfall.† Night 17h.-9h. 18th.-19th. mm.	Rainfall.† Day 9h.-17h. 19th. mm.	Sunshine. Sunrise to 17h. 19th. hr.	Sunshine. Sunrise to Sunset. 18th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	c	bcc	42	57	–	–	3.0	0.3
Douglas (I. o. M.) ...	bbc	bcc	41	49	–	–	2.5	2.0
Llandudno ...	c	c	44	48	–	–	0.0	2.7
Colwyn Bay ...	c	c	45	50	–	–	0.0	0.6
Rhyl	c	c	44	51	–	–	0.1	0.1
Waltasey	bcb	b	44	51	–	–	4.9	0.0
Southport	bc	cb	*43	48	–	–	4.4	2.4
Blackpool	oc	bcc	42	50	–	–	2.2	1.6
Ilkley	b	b	42	51	–	–	6.4	0.0
Cleethorpes	bc	cm	39	53	–	–	4.5	0.9
Skegness	bcb	bbcco	37	53	–	–	4.4	0.4
Aberystwyth ...	c	bc	43	45	–	–	1.5	0.3
Bath	c	cbcb	40	47	–	–	0.1	2.2
Cheltenham‖ ...	bbcb	bbcc	35	52	–	–	7.4	2.1
Leamington Spa ...	cb	cb	34	51	–	–	1.4	1.2
Lowestoft	cb	cbbc	36	52	–	–	6.0	3.7
Felixstowe	b	b	36	54	–	–	9.0	3.8
Harwich & Dovercourt	b	b	36	53	–	–	9.3	4.7
Southend	bz	bcbz	37	59	–	–	8.3	4.7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	0	0	43	47	–	–	0.0	1.3
Bude	cb	ocbc	45	51	–	–	3.2	2.9
Penzance	b	b	45	50	–	–	4.6	2.5
Paignton	oc	o	43	50	–	–	1.3	4.6
Torquay	oc	bcc	41	50	–	–	0.9	4.5
Jersey	b	b	37	53	–	–	9.2	2.4
Weymouth	c	cb	44	52	–	–	1.4	7.9
Bournemouth ...	o	o	41	47	–	–	0.1	7.0
Ventnor ...	o	obz	42	49	–	–	0.9	7.9
Portsmouth (S'thsea)	o	obcb	40	48	–	–	2.3	8.3
Bognor	bc	bcb	41	49	–	–	5.1	8.8
Littlehampton ...	c	b	42	48	–	–	6.1	8.2
Worthing	cb	cb	40	52	–	–	6.7	7.2
Brighton	bcb	b	44	50	–	–	6.9	7.9
Eastbourne‖	c	b	41	48	–	–	?	8.4
Hastings‖	b	b	41	50	–	–	8.0	7.7
Folkestone	b	b	37	52	–	–	7.7	7.6
Dover	b	bbc	38	50	–	–	7.7	7.8
Tunbridge Wells ...	b	b	35	53	–	–	8.8	7.4
Ramsgate	b	bcb	39	53	–	–	7.5	7.2
Margate	bc	bc	38	52	–	–	9.1	7.5
Deal	b	bbc	37	54	–	–	8.1	7.5

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

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

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24,197 Tuesday, 21st February ......1928.

Observations at 18h. G.M.T. ......20th.....

STATIONS. (For heights see p.4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form.	Cloud Total Amt. 0-10	State of ground.
Lerwick	1027.4	-2	SSE	4	c-	44	85	7	5700	StCu	8	-	8	•
Stornoway	1024.6	-1	S	3	c	45	92	7	4000	StCu	9	-	9	•
Wick	1027.6	0	SW	3	bc	44	92	8	1500	CuNb	4	CiSt	6	•
Tiree	1026.6	-1	S'E	5	o	45	85	8	1500	St	10	-	10	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1030.4	0	SSW	3	c	44	75	7	1500	StCu	8	ACu	9	1
Malin Head	1027.2	+1	S	4	c	47	92	7	5700	StCu	9	-	9	•
Renfrew	1031.0	0	S	2	cd₀	44	85	6	1500	St	10	-	10	1
Edinburgh (Inchkeith)	1030.6	0	SW	1	o	43	85	8	1500	St	10	-	10	•
Leuchars	1031.3	+1	SSW	3	c	45	75	7	4000	StCu	10	-	10	1
Eskdalemuir	1031.6	+1	S'W	3	o	41	85	6	1500	St	10	-	10	2
Tynemouth	1032.1	0	S	2	bc/f	46	85	6	800	St	6	ACu	7	•
Blacksod Point	1024.5	0	SE	4	bc	50	92	8	*	CuNb	7	-	7	•
Donaghadee	1029.9	0	S	3	c	45	75	7	4000	StCu	9	-	9	•
Birr Castle	1028.4	•	SE	3	c-	52	75	7	1500	Cu	4	ASt	8	•
Holyhead	1031.7	0	S	4	c	46	85	6	2500	St	3	ACu	9	1
Liverpool (Bidston)	1032.5	0	SSE	3	c	42	85	6	-	-	0	ACu	9	•
Chester (Sealand)	1031.7	-1	SSE	4	c	43	75	6	-	-	0	ACu	9	1
Harrogate	1033.8	0	SSE	1	ffc	48	75	3	<150	St	6	ACu	9	•
Spurn Head	1033.8	0	SE	1	ffbc	45	92	3	-	-	0	ACu	7	•
Birmingham (Edgbaston)	1033.4	-1	SSW	3	bc	46	75	6	-	-	0	ACu	3	2
Cranwell	1033.8	-1	S	2	c	51	75	5	-	-	0	CiSt	8	0
Gorleston	1034.4	+1	-	0	c	46	92	6	4000	StCu	10	-	10	•
Valentia (Cahirciveen)	1027.4	+1	S	4	c	52	85	8	2500	StCu	10	-	10	0
Roches Point	1029.4	0	S	3	c	49	97	8	2500	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1032.0	0	SE	4	c	45	55	7	-	-	0	Ci	9	•
Ross-on-Wye	1032.6	-1	SW'W	2	c⊕	47	75	5	-	-	0	CiSt	9	1
Leafield	1033.9	0	SE'S	3	c	43	85	6	-	-	0	CiSt	8	1
Winchester (Worthy Dn.)	1033.4	-2	SSE	3	c	50	65	7	4000	Cu	2	Ci	9	1
S. Farnborough	1034.2	0	ESE	2	bc⊕	50	75	6	-	-	0	CiSt	7	1
London (Kew Obsy.)	1036.0	-1	SW'S	1	bc⊕	47	85	5	-	-	0	CiSt	7	1
Croydon	1034.7	-2	SSW	1	c⊕	50	75	5	-	-	0	CiSt	9	1
Shoeburyness	1034.9	0	S'E	1	cm/F	51	75	4	4000	StCu	9	-	9	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	1036.3	0	-	0	ffc	46	85	3	4000	StCu	10	-	10	1
Lympne	1034.9	0	SE'S	2	c+	48	75	6	5700	StCu	3	ACu	8	1
Scilly (St. Mary's)	1023.9	-1	SE'E	4	c	50	97	6	4000	StCu	3	CiSt	8	•
Falmouth (Pendennis)	1032.4	0	SE'E	3	c+	49	85	7	4000	StCu	8	-	8	•
Plymouth (Cattewater)	1032.4	-1	ESE	4	bc-	53	65	7	-	-	0	CiSt	7	1
Portland Bill	1033.2	-1	E'S	3	c	48	92	6	1500	St	2	Ci	10	•
Southampton (Calshot)	1034.3	-1	ESE	4	bc+	46	85	6	4000	Cu	2	Ci	6	0
Dungeness	1036.0	0	S	1	bc/f	49	75	7	-	-	0	CiSt	7	•
Guernsey (Fort George)	1033.0	-2	SE	2	bc+	47	85	6	-	-	0	CiSt	4	•

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	Cloud Upper Form.	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1026.7	-2	SSE	3	c	43	85	8	5700	StCu	5	ASt	8	•
Stornoway	1021.5	-3	S	4	c	45	97	7	4000	Nb	5	ACu	9	3
Wick	1024.8	-1	SSW	3	bc	42	97	8	2500	StCu	4	CiSt	6	0
Tiree	1023.4	-3	S'E	5	o	45	85	8	1500	St	10	-	10	3
Nairn	1024.9	•	W	1	c	42	85	8	1500	St	8	-	8	•
Aberdeen	1029.6	-1	S	3	c	43	85	6	1500	StCu	10	-	10	0
Malin Head	1024.5	-2	SSE	5	bc-	41	92	6	5700	StCu	3	ACu	3	1
Renfrew	1028.9	-2	SE	3	o	44	85	5	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1028.9	-2	-	0	c	43	92	6	800	St	8	-	8	0
Leuchars	1029.7	-2	SW	2	c	43	85	6	4000	StCu	9	-	9	•
Eskdalemuir	1030.7	-2	S'W	2	o	40	86	6	1500	St	10	-	10	•
Tynemouth	1031.6	-1	S	2	mmc	43	92	4	800	St	8	-	8	0
Blacksod Point	1021.6	-3	SE	5	c	53	75	8	•	StCu	8	-	8	6
Donaghadee	1027.9	-2	S	3	c	46	85	7	2500	StCu	9	-	9	2
Birr Castle	1026.6	•	SE	3	c+	48	92	7	1500	St	9	ASt	9	•
Holyhead	1030.8	-1	SSE	2	bc-	43	85	6	4000	StCu	3	Ci	3	0
Liverpool (Bidston)	1032.0	0	SE'S	3	b	42	85	6	-	-	0	ACu	1	•
Chester (Sealand)	1031.7	0	SE'S	2	mb+	38	92	4	-	-	0	Ci	1	•
Harrogate	1032.6	0	SSE	1	ffo	44	85	3	<150	St	10	-	10	•
Spurn Head	1033.3	0	SE'S	3	ffc	42	97	3	1500	St	6	CiCu	10	0
Birmingham (Edgbaston)	1033.5	0	SSE	2	mb+	44	85	4	-	-	0	ACu	1	•
Cranwell	1033.9	0	S'E	2	c	43	92	5	-	-	0	ASt	9	•
Gorleston	1035.5	+1	-	0	o	43	97	5	1500	St	10	-	10	0
Valentia (Cahirciveen)	1025.4	-1	S	4	bc	50	85	8	1500	St	6	-	6	3
Roches Point	1028.3	-1	S	3	bc	49	97	8	1500	StCu	3	CiCu	4	4
Pembroke (St. Ann's H.)	1031.7	-2	SE	4	bc-	45	55	7	-	-	0	Ci	4	0
Ross-on-Wye	1032.6	0	SE	1	mbc	43	85	4	-	-	0	ACu	5	•
Leafield	1033.4	0	SSE	3	bc	43	85	6	-	-	0	ACu	4	•
Winchester (Worthy Dn.)	1034.2	+1	SE	1	c	42	85	6	-	-	0	CiSt	8	•
S. Farnborough	1033.9	0	SE	1	mc+	45	85	4	-	-	0	Ci	9	•
London (Kew Obsy.)	1034.6	0	SSE	2	c	46	75	5	-	-	0	CiSt	9	•
Croydon	1035.0	+1	-	0	c-	44	85	5	-	-	0	Ci	9	•
Shoeburyness	1035.0	0	SE	1	mmc	43	92	4	-	-	0	ASt	9	•
Clacton-on-Sea	1034.9	0	ESE	2	c	44	92	6	7200	StCu	10	-	10	0
Felixstowe	1035.4	0	-	0	fc+	43	97	2	2500	StCu	10	-	10	0
Lympne	1034.8	0	E	1	c	43	92	6	4000	StCu	9	-	9	•
Scilly (St. Mary's)	1029.4	0	SE'E	3	b	48	97	7	4000	StCu	2	-	2	1
Falmouth (Pendennis)	1031.8	-1	ESE	3	bc-	47	92	7	4000	Cu	3	CiSt	5	2
Plymouth (Cattewater)	1032.3	+1	NE	3	bc-	46	85	7	-	-	0	CiSt	7	0
Portland Bill	1032.6	0	E	4	c	47	85	6	2500	StCu	7	Ci	9	0
Southampton (Calshot)	1034.2	0	ESE	4	c	44	92	6	-	-	0	ASt	9	0
Dungeness	1036.0	0	-	0	c+	44	92	8	-	-	0	CiCu	8	0
Guernsey (Fort George)	1032.5	-1	SE	3	bc+	46	85	7	5700	StCu	2	Ci	6	0

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	oFx,bc	bccz₀	bmofx	50	35	25	tr	tr	1.7	*	*	0
Croydon } 24 hours ended 7h.	244	bomfc	cz₀⊕	bcz₀cm	52	34	25	-	-	5.0	*	*	5
Greenwich (Royal Obsy.)	149	bbcm	bcc⊕m	cbcbm	54	36	25	-	-	2.8	67	97	4
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	0.0	*	*	•
Westminster (St. James' Pk.)	27	*	*	*	51	39	29	-	-		65	93	•
Regent's Pk. (Botanic Gdns).	166	*	*	*	*	*	*	*	*	0.0	*	*	•
Camden Square	110	xf	cfc	*	48	35	29	-	-	*	*	98	•
Kensington Palace	80	cfx	cz	*	50	36	28	-	-	*	(At 18h) 79	100	•
Hampstead Observatory	450	*	*	*	48	36	25	-	-	0.2	*	74	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
3.0	20th 11h	0.3	21st 4h

Kew Observatory Max.	Time.	Min.	Time.
1.1	20th 11h	<0.3	21st 2h

POLE STAR RECORD at Greenwich Obsy.

Exposure from 20th 18 h. 30 m. to 21st 6 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.30	8.3	70
δ Ursae Minoris	11.30	6.26	56

CODE FOR STATE OF GROUND.
0=Dry ground.
1=Wet ground.
2=Soft (muddy) wet ground.
3=Bare ground frozen (but less than 2 ins. deep).
4=Bare ground frozen (but more than 2 ins. deep).
5=Dew (or wet grass but not wet ground).
6=Skating to-day in 15h. 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 February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.2 / 7.0	12.7 / 12.7	17.13 / 17.15
Greenwich	7.6 / 7.3	12.14 / 12.14	17.22 / 17.24
Wick	7.36 / 7.33	12.26 / 12.26	17.18 / 17.20
Valentia	7.48 / 7.46	12.55 / 12.55	18.2 / 18.4

BEAUFORT NOTATION OF WEATHER.

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

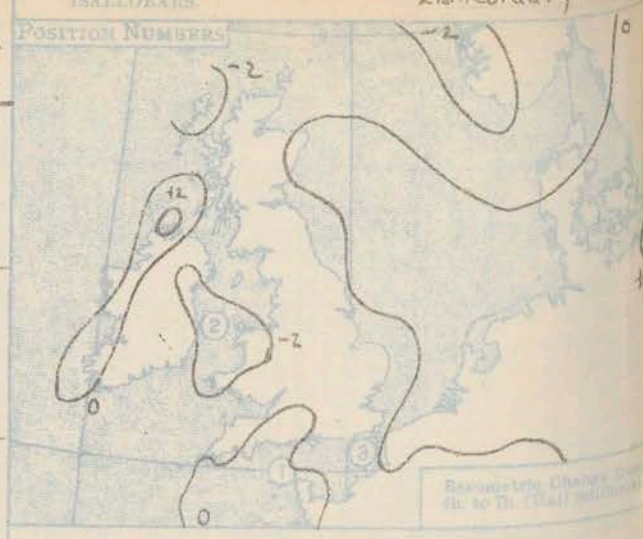
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 20th	WEATHER. 13h.-18h. 20th	WEATHER. 18h. 20th to 1h. 21st	WEATHER. 1h.-7h. 21st	TEMPERATURE. MAX. Day. 7h.-18h.	TEMPERATURE. MIN. Night. 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 20th Hours.
Lerwick	oid.c	c	c	c	44	43	.	0·1	3·00	–	–	0·4
Stornoway	c	c	c	o	46	44	.	–	–	–	–	0·1
Wick	b-bc	b-bc	b-bc	b-bc	45	39	.	–	–	–	–	.
Tiree	o	o	oo	o	46	45	43	–	–	–	–	0·0
Nairn	bc	bcc	cbc	bc	46	37	.	–	–	–	–	0·7
Aberdeen	bcc	c	cm.	bcbmw	44	40	35	–	–	–	–	0·3
Malin Head	ce	cebcz.	bcz.ecz.	cbce	47	43	.	–	–	–	–	0·0
Renfrew	c3.d.	c3.	ocz.	cbcbbm.	44	35	28	Trace	11.00	Trace	–	0·0
Edinburgh (Inchkeith)	o	c	cm.bcb	b-bcw	44	39	28	–	–	Trace	–	0·0
Leuchars	c	c	cm.	cbbcm	45	33	25	–	–	–	–	0·0
Eskdalemuir	o	com.	om.om	cmbcmx	42	30	27	–	–	–	–	0·0
Tynemouth	cff	bccmm	cbcmm	bcoff	48	37	33	–	–	–	–	.
Blacksod Point ...	c	c	cqc	cdo	54	47	.	–	–	0·1	–	.
Donaghadee	c	c	c	cbc	45	42	.	–	–	–	–	.
Birr Castle	c	c	c	c	53	42	37	–	–	–	–	3·2
Holyhead	ocm.	c	b	b	47	41	35	–	–	–	–	1·0
Liverpool (Bidston) ...	ofec	cbm.	b-bm.	b-bmn	45	36	34	0·1	<8·00	–	–	2·3
Chester (Sealand) ...	off.cm.	c3.bm	bm	bwmx	46	35	31	Trace	<8·00	Trace	–	2·8
Harrogate	bbecff	coff	coff	ocboff	48	33	30	–	–	–	–	0·9
Spurn Head	ffbc	ffc	ffobcz	ffbc	45	40	.	–	–	–	–	0·5
Birmingham (Edgbaston)	bcb	bcbcm	mb	bx	46	34	31	–	–	–	–	1·2
Cranwell	bcfcm	c	c	bcm.bf	51	32	29	–	–	Trace	–	2·4
Gorleston	cm.m	com.	ffocec	coif	47	40	38	–	–	–	–	0·0
Valentia (Cahirciveen)	o	ocbc	bcco	o.oid.	52	49	48	–	–	Trace	4.30	0·0
Roches Point	c	cbc	bcc	c	50	46	.	–	–	–	–	.
Pembroke (St. Ann's H.)	c	cbc	bcb	bbc	45	42	.	–	–	–	–	4·3
Ross-on-Wye	cfbcm	c3	bmw	bmwcmc	48	36	25	–	–	Trace	–	2·4
Leafield	c⊕	bc	bcbw	bcf	47	33	32	0·1	–	{0·1}	–	1·2
Winchester (Worthy Dn.)	bcxmcmx	cm.	cm.bc	bcbx	50	35	26	–	–	Trace	–	5·6
S Farnborough ...	bcF	bcm.	cmbf	bcF	{52}	34	29	–	–	–	–	3·8
London (Kew Obsy.) ...	cFxbc	bcc3.	bwmf	bfxw	50	35	25	Trace	<8.00	Trace	–	1·7
Croydon	bcmxfc⊕	c3.⊕	bcz.c	cm.x	52	34	25	–	–	–	–	5·0
Shoeburyness	bfcm	cmcm	cF	cF	53	36	29	–	–	–	–	2·6
Clacton-on-Sea ...	com	om	om	om	46	43	42	–	–	–	–	0·0
Felixstowe	cf	cff	cff	cffw	46	43	42	–	–	Trace	–	0·0
Lympne	bccm.	cm.	cbcm.	bccm	48	40	35	–	–	–	–	5·0
Scilly (St. Mary's) ...	bcc	cbcb	b-bc	b	52	45	.	–	–	–	–	8·5
Falmouth (Pendennis)	bcc	cbc	bc	bcm.	50	47	.	–	–	–	–	4·3
Plymouth (Cattewater)	bwc	bcc	bcb	bwm.c	53	42	39	0·1	–	Trace	–	5·3
Portland Bill	c3.	c3.	cbz.	bbcz.	49	45	.	–	–	–	–	.
Southampton (Calshot)	bbcm.	bccm.	cbcm.	bcmw	46	41	37	–	–	Trace	–	6·3
Dungeness	fmzbc	bcc	cbcb	bbccm	49	43	.	–	–	–	–	.
Guernsey	bbcm.	bcm.	bccbcb	bbc	48	44	.	Trace	–	–	–	9·1

ISALLOBARS. 21st February

POSITION NUMBERS.



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	20th 10h	Scotia	SE	5	c	46	46
3	21st 2h	Arundel	SE	2	bc	45	47

GENERAL INFERENCE.

An anticyclone continues to cover most of Europe and a deep depression to the south of Iceland is growing less deep as it moves slowly northeastwards. Mainly fair weather will continue in all except perhaps extreme western and northwestern districts where there may be some drizzle. Mist or fog will occur locally, night and morning, in England, Wales and Eastern Scotland.

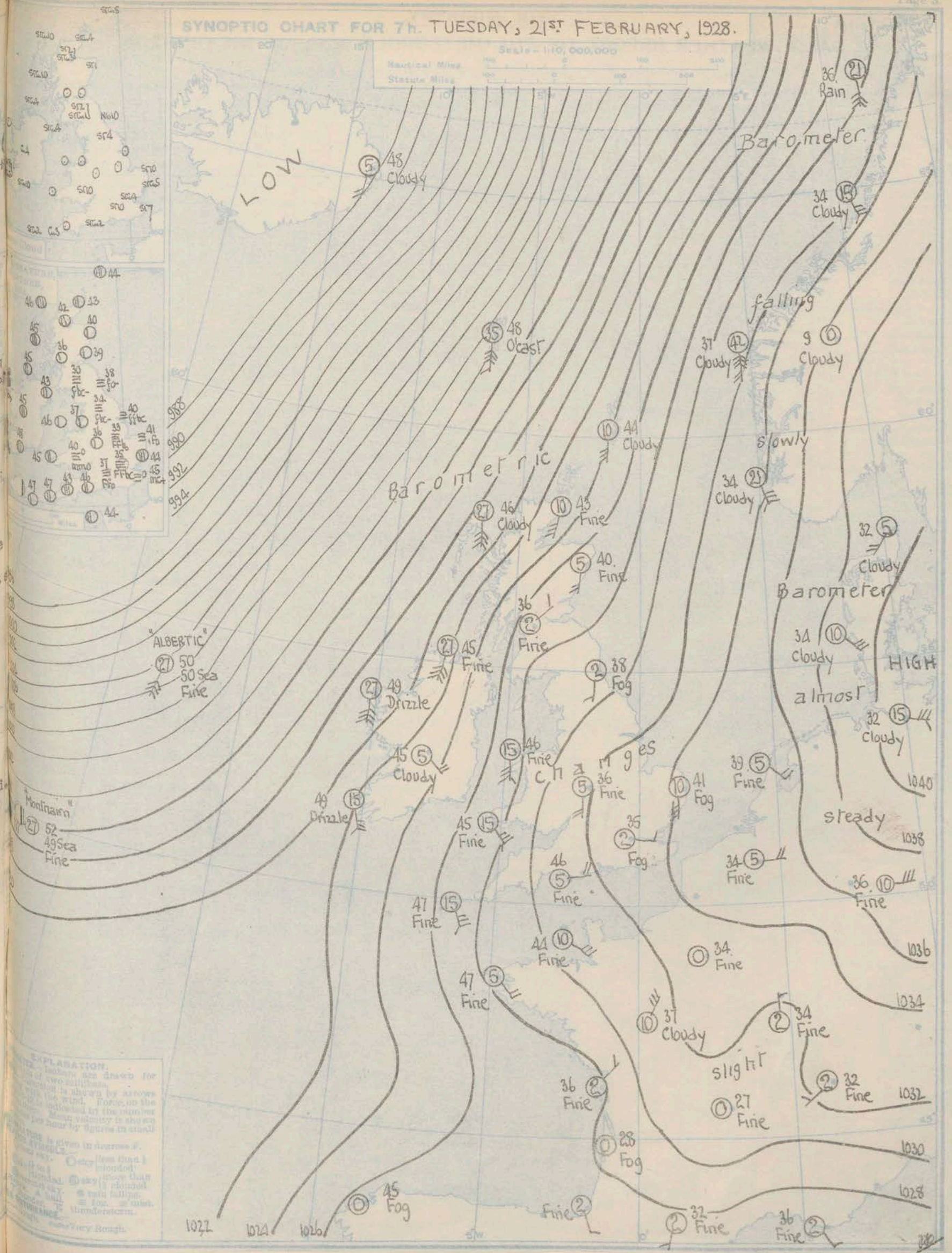
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 21st February, 1928.	Farther Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind variable, mainly between east and south, light to moderate; mainly bright weather; mist or fog locally, night and morning; moderate to rather high day temperature, ground frost at night.	No important change is indicated.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Variable winds, mainly southeasterly to southerly, fresh locally; mainly bright weather; mist or fog locally, night and morning; moderate to rather high day temperature, ground frost inland at night.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	As 1 - 4.	
12. S.W. Scotland & Isle of Man	Variable to southerly winds, light, freshening; mainly fair; local mist or fog, night and morning; moderate to rather high day temperature, frost at night.	▼ South Cone still flying.
13 (A. W. Scotland B. N.W. Scotland)	Southerly to southwesterly winds, strong at times; mainly fair but some local drizzle and mist; moderate day temperature, ground frost inland at night.	
14. Mid Scotland 15. N.E. Scotland		
16. Orkneys and Shetlands	As 12.	
17. N.W. Ireland	As 13A. - 13B.	
18. N.E. Ireland 19. S.E. Ireland	As 5 - 8.	
20. S.W. Ireland	As 13A. - 13B.	

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

Wt. 35[/1633 Wt.133 2/28 2325 2/28

† For code see page 1

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


SYNOPTIC CHART FOR 7h. TUESDAY, 21st FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
falling
slowly
Barometric
Barometer
almost
HIGH
steady
changes
slight
"ALBERTIC"
"Montnairn"
988
990
992
994
1022
1024
1026
1028
1030
1032
1034
1036
1038
1040
36 Rain
48 Cloudy
34 Cloudy
48 O'cast
37 Cloudy
9 Cloudy
44 Cloudy
34 Cloudy
32 Cloudy
46 Cloudy
43 Fine
40 Fine
36 Fine
45 Fine
38 Fog
34 Cloudy
32 Cloudy
50 Sea Fine
49 Drizzle
45 Cloudy
46 Fine
36 Fine
41 Fog
39 Fine
52 49 Sea Fine
49 Drizzle
45 Fine
35 Fog
34 Fine
46 Fine
36 Fine
47 Fine
44 Fine
34 Fine
47 Fine
37 Cloudy
34 Fine
36 Fine
32 Fine
27 Fine
28 Fog
45 Fog
Fine
32 Fine
36 Fine

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Tuesday, 21st February, 1928. No. 52

STATIONS.	Height above M.S.L. in feet	Observations at 1h. G.M.T. 21st: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form.	Total Amt. 0-10	Observations at 7h. G.M.T. 21st: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Low. Form	Low. Amt. 0-10	Upper Form	Total Amt. 0-10	Sun. 0-9
Lerwick	54	1024·5	0	S	4	c	44	85	7	5700	StCu	2	ASt	10	1023·1	-1	S	3	c	44	85	7	5700	StCu	5	ASt	10	•
Stornoway	30	1021·3	-1	SSW	5	c	•	•	6	•	•	•	•	10	1018·1	-2	S	6	c	46	92	6	2500	StCu	10	-	10	5
Wick	81	1023·7	-2	SSW	4	bc	42	97	8	2500	StCu	3	-	3	1022·2	-1	SSW	3	bc	43	97	8	2500	StCu	4	CiSt	6	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1020·9	0	SSW	6	c	45	75	8	1500	StCu	10	-	10	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·3	•	SW	1	bc	42	85	7	1500	StCu	5	-	5	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·9	+1	SSW	2	b	40	92	5	800	St	1	-	1	0
Malin Head	51	1022·9	-2	SSE	4	c	47	92	6	5700	StCu	8	-	8	1021·4	+2	SSW	6	bc	45	92	7	4000	StCu	4	-	4	3
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·3	-1	NE	1	b	36	97	5	-	-	0	ACu	1	•
Edinburgh (Inchkeith)	190	1027·9	-1	SW	2	b	42	85	8	-	-	0	-	0	1028·[illegible]	+1	E	1	b	39	97	7	-	-	0	ACu	1	0
Leuchars	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·5	0	-	0	b	34	97	5	-	-	0	-	0	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·6	-1	-	0	mbc	30	97	4	1500	St	3	-	3	0
Tynemouth	67	1031·0	0	S	2	mmbc	40	92	4	800	St	4	-	4	1028·8	-1	SSW	1	fog	38	97	3	1500	Nb	10	-	10	0
Blackpool Point	18	1019·6	-3	SE	5	bc	50	85	6	-	St	7	-	7	1018·7	0	S	6	cd	49	85	6	•	-	0	ASt	10	6
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·9	-1	SSE	3	bc	43	92	7	4000	StCu	4	ASt	6	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·0	•	SE	2	c	45	92	7	1500	Cu	4	ASt	9	•
Holyhead	26	1028·7	-2	SE	3	b	44	75	7	-	-	0	-	0	1026·7	-2	S	4	bv	46	65	9	-	-	0	Ci	1	•
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·7	-1	SE	5	b	37	92	5	-	-	0	Ci	1	•
Chester (Sealand)	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1029·0	-2	SE'S	4	mmb	35	97	4	-	-	0	Ci	1	•
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1031·1	-1	SE	1	fbc	34	97	2	4150	St	4	-	4	•
Spurn Head	29	1033·0	0	S	3	bc	42	97	5	1500	St	6	-	6	1031·8	0	SSE	4	ffbc	40	97	3	-	-	0	CiCu	3	1
Birmingham (Edgbaston)	565	•	•	•	•	•	•	•	4	•	•	•	•	•	1032·0	-1	S	2	b	36	92	5	-	-	0	Ci	1	•
Cranwell	236	1034·0	0	SE	2	bc	35	97	5	-	-	0	CiSt	3	1033·2	-1	SSE	2	Ffb	33	97	1	-	-	0	-	0	0
Gorleston	14	1035·5	-1	SSE	2	c	42	92	7	2500	Nb	6	ASt	10	1034·8	-1	S	3	Fo	41	97	1	220	St	10	-	10	3
Valentia (Cahirciveen)W	30	1023·1	-2	SSE	4	o	48	97	9	•	St	10	-	10	1022·8	+1	SE	4	cdb	49	92	6	450	St	10	-	10	4
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·3	-1	SSW	3	c	48	97	8	1500	StCu	10	-	10	1
Pembroke (St. Ann's H.)	150	1029·4	-1	SE	4	b	45	92	7	-	-	0	-	0	1027·4	-2	SE	4	bc+	45	97	7	-	-	0	Ci	3	•
Ross-on-Wye	229	•	•	•	•	•	•	•	•	•	•	•	•	•	1030·9	-1	SW	3	mmo	40	97	4	450	St	10	-	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1031·7	-1	SE	3	Fb+	33	97	10	-	-	0	-	0	•
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1032·5	0	SE	2	b	37	97	7	4000	StCu	1	ACu	2	•
S. Farnborough	250	•	•	•	•	•	•	•	•	•	•	•	•	•	1032·5	-1	SE	1	Fo	37	97	1	<150	St	10	-	10	•
London (Kew Obsy.)	18	•	•	•	•	•	40	•	•	•	•	•	•	•	1033·4	-1	E'S	1		35	97	1	5700	StCu	4	-	4	•
Croydon	244	1034·3	-1	-	0	c+	41	92	7	-	-	0	CiSt	8	1033·5	-1	-	0	c	35	97	5	-	-	0	ACu	8	*
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1034·3	-1	-	0	FFc	37	97	1	-	-	0	ASt	8	0
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1033·7	-1	ESE	3	c	44	92	5	7200	StCu	10	-	10	0
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1034·3	-2	SSE	2	fc-	43	97	3	4000	StCu	5	ASt	9	•
Lympne	350	1034·1	0	ENE	2	bc	48	92	6	4000	StCu	7	-	7	1033·5	-1	E'N	2	mmc	41	97	4	2500	St	8	ACu	10	•
Scilly (St. Mary's)	163	1027·3	-3	SE'S	4	b	47	97	7	-	-	0	-	0	1026·8	-1	SSE	4	b	47	97	7	4000	StCu	2	-	2	2
Falmouth (Pendennis)	200	1026·1	-2	SE	3	bc	48	92	7	4000	StCu	3	-	3	1029·1	0	SE	3	bc	47	97	6	4000	Cu	3	ACu	6	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1029·8	-1	E	3	c-	43	92	7	-	-	0	ACu	8	0
Portland Bill	33	1032·0	0	E	3	b	47	85	6	2500	Cu	1	-	1	1031·3	0	E	2	bc	46	85	6	2500	StCu	2	CuCu	4	0
Southampton (Calshot)	10	1033·8	-1	E'S	3	bc	42	97	5	-	-	0	CiSt	3	1032·7	-1	ESE	3	bc	42	97	6	-	-	0	CuCu	3	0
Dungeness	20	1034·7	-3	S	1	b	45	92	8	-	-	0	-	0	1034·1	-1	SE	1	mc+	45	97	4	450	St	7	ACu	9	0
Guernsey (Fort George)W	295	1031·6	-2	SE	2	b-	45	85	7	-	-	0	ASt	2	1031·1	0	SE'S	3	bc+	44	85	7	5700	StCu	5	-	5	

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-18th to 9h. 20th	Temperature. Max. 21h.-17th to 21h. 20th	Rainfall.† Night 17h.-9h. 18th-20th	Rainfall.† Day 21h.-17h. 20th	Sunshine. Sunrise to 17h. 20th	Sunshine. Sunrise to Sunset. 19th.
(1)	(2)	(3)	(4) °F	(5) °F	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	c	c	39	47	-	-	0·7	3·0
Douglas (I. o. M.)	cg	cg	40	44	-	-	0·0	2·5
Llandudno	cbc	cbc	35	48	-	-	2·7	0·0
Colwyn Bay	c	cb	33	48	-	-	3·6	0·0
Rhyl	cbc	cbc	32	48	-	-	3·2	0·1
Wallasey	Fobc	cbcbz	35	46	-	-	1·5	4·9
Southport	oc	cbcc	*33	46	-	-	1·3	4·4
Blackpool	ofc	cm	31	44	-	-	0·7	2·2
Ilkley	mc	cmo	31	47	-	-	0·4	6·4
Cleethorpes	om	cm	42	52	-	-	0·9	4·5
Skegness	ofoc	c	42	46	-	-	0·1	4·4
Aberystwyth	xzbc	bc	33	52	-	-	3·4	1·5
Bath	mc	bbcc	28	51	-	-	5·7	0·1
Cheltenham	bcmb	bccm	32	49	-	-	2·2	7·4
Leamington Spa	cb	cb	27	49	-	-	0·5	1·4
Lowestoft	o	o	41	47	-	-	0·0	6·0
Felixstowe	cm	cm	36	45	Trace	-	0·0	9·0
Harwich & Dovercourt	fg	cm	36	?	-	-	0·0	9·3
Southend	fcb	fbc	36	?	-	-	3·4	8·3

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	ocbc	bcb	41	51	-	-	2·8	0·0
Bude	bcbc	bc	30	53	-	-	7·2	3·2
Penzance	b	b	45	53	-	-	5·7	4·6
Paignton	ocbc	bc	44	52	-	-	3·4	1·3
Torquay	c	coc	44	51	-	-	3·1	0·9
Jersey	b	bc	44	54	-	-	8·8	9·6
Weymouth	cb	bbc	34	49	-	-	3·0	1·4
Bournemouth	cob	bo	29	50	-	-	3·0	0·1
Ventnor	xbz	bcz	40	50	-	-	7·1	0·9
Portsmouth (S'thsea)	ffb	bbc	32	50	-	-	6·9	2·3
Bognor	b	b	34	48	-	-	6·8	5·1
Littlehampton	bcmbc	bcc	34	49	-	-	6·8	6·1
Worthing	b	bbcc	31	49	-	-	6·9	6·7
Brighton	fbbc	bcb	32	48	-	-	7·2	6·9
Eastbourne‡	fb	bbcc	32	49	-	-	7·5	?
Hastings‡	xmbcb	bbcc	37	50	Trace	-	4·5	8·0
Folkestone	cfxc	c	33	49	-	-	3·3	7·7
Dover	fmc	mco	34	47	-	-	0·4	7·7
Tunbridge Wells	b	bbc	30	53	-	-	6·2	8·8
Ramsgate	bccm	cm	38	49	-	-	0·0	7·5
Margate	f	fm	38	50	-	-	0·0	9·1
Deal	fcc	cco	34	49	-	-	0·1	8·1

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. W 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. B24198 Wednesday 22nd February 1928.

Observations at 13h. G.M.T. 21st

Stations (For heights see p. 4).	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	State of ground.
Lerwick	1021.0	-2	S	3	c	46	85	7	5700	StCu	5	ASt	8	•
Stornoway	1017.7	-1	S	6	o	46	92	6	2500	St	10	-	10	•
Wick	1021.2	-2	SSW	4	bc	46	92	8	2500	StCu	4	CiSt	6	•
Tiree	1020.6	-1	S'E	6	o	45	92	8	1500	St	10	-	10	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1023.7	-4	S	4	b	48	65	6	-	-	0	ACu	1	1
Malin Head	1021.4	0	S	4	c	47	92	7	4000	StCu	8	-	8	•
Renfrew	1025.0	-3	-	0	c+	48	75	7	2500	StCu	9	-	9	1
Edinburgh (Inchkeith)	1024.7	-3	N	1	fb-	46	75	6	-	-	0	-	0	•
Leuchars	1025.4	-3	-	0	b	50	75	5	-	-	0	-	0	1
Eskdalemuir	1026.2	-2	SSW	5	b	47	65	6	5700	StCu	2	-	2	2
Tynemouth	1028.2	-2	S	3	bc/f	48	75	5	800	St	5	-	5	•
Blacksod Point	1018.9	0	S	6	od+	50	97	6	*	Nb	10	-	10	•
Donaghadee	1023.8	-2	SW'W	3	bc-	48	85	7	4000	StCu	5	-	5	•
Birr Castle	1023.2	•	SE	3	c	49	85	7	1500	Cu	8	-	8	•
Holyhead	1026.8	-1	SSW	5	c	49	75	6	1500	St	9	-	9	1
Liverpool (Bidston)	1027.7	-2	SE	4	b+	46	75	6	-	-	0	ACu	1	•
Chester (Sealand)	1027.7	-2	SSE	4	b	49	75	6	-	-	0	Ci	1	1
Harrogate	1028.9	-1	S	2	ffbc	45	75	3	<150	St	3	-	3	•
Spurn Head	1029.8	-2	S'E	4	b	48	75	5	-	-	0	-	0	•
Birmingham (Edgbaston)	1030.3	-2	S	3	b	48	75	6	-	-	0	-	0	2
Cranwell	1031.4	-2	S	4	b	51	75	6	-	-	0	-	0	0
Gorleston	1033.4	-1	S'W	2	FFo	41	97	1	220	St	10	-	10	•
Valentia (Cahirciveen)	1023.1	+1	S'E	5	cd₀	52	85	8	1600	St	10	-	10	1
Roches Point	1025.3	0	SSE	3	c	49	85	8	2500	StCu	9	-	9	•
Pembroke (St. Ann's H.)	1027.4	+1	SE	4	bc+	48	85	6	2500	Cu	3	ASt	5	•
Ross-on-Wye	1029.3	-2	SSW	3	b	52	65	6	-	-	0	-	0	1
Leafield	1030.3	-1	S'E	4	b	50	75	7	4000	Cu	1	-	1	1
Winchester (Worthy Dn.)	1031.4	-2	SSE	3	b	51	66	7	-	-	0	Ci	1	1
S. Farnborough	1031.7	-2	SE	2	b	53	65	6	4000	Cu	2	-	2	1
London (Kew Obsy.)	1032.2	-2	SSE	3	b	51	65	6	-	-	0	-	0	1
Croydon	1032.0	-2	S'E	2	b	52	65	6	4000	Cu	1	CiSt	2	1
Shoeburyness	1033.1	-2	SSE	3	b/f	46	92	6	-	-	0	-	0	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	1033.6	-2	S	1	o	42	97	5	220	St	10	-	10	1
Lympne	1032.7	-1	SE	2	b	48	75	6	-	-	0	-	0	1
Scilly (St. Mary's)	1027.7	+1	S	3	bc	52	92	6	4000	Cu	5	-	5	•
Falmouth (Pendennis)	1029.4	0	SE'S	3	bc	51	85	6	4000	Cu	4	-	4	•
Plymouth (Cattewater)	1029.8	-1	SE	3	b-	52	75	7	4000	Cu	2	-	2	1
Portland Bill	1030.5	-1	ESE	3	b	50	85	6	1500	St	1	ACu	2	•
Southampton (Calshot)	1031.2	-3	ESE	4	b	47	85	7	-	-	0	ACu	1	0
Dungeness	1033.1	-2	S	1	bc/f	49	65	6	450	St	4	-	4	•
Guernsey (Fort George)	1030.5	-2	SSE	3	bc+	47	85	7	5700	StCu	2	ACu	7	•

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	Cloud Upper Form	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1019.5	+1	S	2	c	45	92	7	5700	StCu	7	CiSt	8	•
Stornoway	1018.5	+2	S	5	od₀	46	97	6	2500	St	10	-	10	4
Wick	1020.3	0	SSW	3	bc	48	85	7	1500	St	4	CiSt	6	1
Tiree	1020.3	0	S	6	od	47	97	7	800	Nb	10	-	10	6
Nairn	1021.1	•	-	0	bc-	46	75	8	4000	Cu	5	-	5	•
Aberdeen	1023.2	0	SSE	1	mb	45	75	4	-	-	0	-	0	0
Malin Head	1021.2	+2	S	5	bc	50	97	7	5700	StCu	7	-	7	2
Renfrew	1024.7	0	SSE	2	o/d	46	92	5	800	St	10	-	10	•
Edinburgh (Inchkeith)	1024.3	+2	SW	3	o+	45	85	7	1500	St	10	-	10	1
Leuchars	1024.7	+1	SW	4	bc+	46	85	5	1500	St	7	-	7	•
Eskdalemuir	1026.1	0	SSW	5	o+	43	85	6	800	St	10	-	10	•
Tynemouth	1027.2	-1	SW	2	ffbc	47	85	3	800	St	6	-	6	1
Blacksod Point	1021.7	+2	S	3	bc	49	92	7	*	-	0	ACu	6	5
Donaghadee	1024.9	+2	SW'W	2	bc+	45	92	7	4000	StCu	7	-	7	2
Birr Castle	1023.7	•	SE	2	c	50	92	7	1500	StCu	4	ASt	9	•
Holyhead	1027.5	+2	SSW	4	c	47	92	6	1500	St	9	-	9	1
Liverpool (Bidston)	1028.3	+1	SSE	3	bc+	47	85	5	1500	St	4	-	4	•
Chester (Sealand)	1027.4	+1	S'E	3	b	46	85	5	-	-	0	-	0	•
Harrogate	1028.1	0	-	0	ffbc	45	85	2	<150	St	5	-	5	•
Spurn Head	1028.8	-1	SE	4	bc	43	97	6	2500	St	4	-	4	2
Birmingham (Edgbaston)	1029.7	0	SSW	1	b	48	75	6	-	-	0	-	0	•
Cranwell	1030.6	0	S	2	b	43	92	6	-	-	0	-	0	•
Gorleston	1031.4	-2	S'W	2	FFo	38	97	1	220	St	10	-	10	0
Valentia (Cahirciveen)	1026.3	+5	WSW	1	c/d	49	92	8	2500	St	10	-	10	4
Roches Point	1025.9	+1	SSE	2	c	49	92	8	2500	StCu	10	-	10	4
Pembroke (St. Ann's H.)	1028.3	0	SE	2	c+	48	92	6	1500	StCu	8	-	8	0
Ross-on-Wye	1029.2	0	S	1	b	49	85	5	-	-	0	-	0	•
Leafield	1030.1	0	SSE	3	b	43	85	7	-	-	0	-	0	•
Winchester (Worthy Dn.)	1031.1	+1	SE	2	b	42	85	6	-	-	0	-	0	•
S. Farnborough	1030.8	0	S	1	b	46	65	5	-	-	0	-	0	•
London (Kew Obsy.)	1031.1	+1	SSW	2	mb	46	75	4	-	-	0	-	0	•
Croydon	1031.3	+1	-	0	b	41	85	5	-	-	0	-	0	•
Shoeburyness	1031.9	0	NE	1	Fb+	40	97	1	-	-	0	ASt	2	•
Clacton-on-Sea	1031.9	0	ESE	3	ffo	40	97	2	220	St	10	-	10	0
Felixstowe	1032.6	0	ESE	1	ffo	39	97	2	220	St	10	-	10	0
Lympne	1031.3	+1	ENE	2	b	43	85	6	-	-	0	-	0	•
Scilly (St. Mary's)	1028.6	+1	SW	1	c+	49	97	6	4000	StCu	9	-	9	1
Falmouth (Pendennis)	1029.7	+2	S'W	2	bc	48	92	7	4000	StCu	4	-	4	0
Plymouth (Cattewater)	1029.6	+2	SE	3	b	47	92	7	2500	Cu	1	Ci	1	1
Portland Bill	1029.7	0	ESE	3	b	47	85	6	4000	StCu	1	-	1	1
Southampton (Calshot)	1030.9	+1	ESE	3	b	44	92	7	-	-	0	-	0	0
Dungeness	1031.6	+2	S	1	bc	43	75	6	450	St	3	-	3	2
Guernsey (Fort George)	1030.0	-1	ESE	1	b	45	92	7	-	-	0	Ci	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.	Min. Night °F.	Min. on Grass. °F.	Rainfall† mm. Day.	Rainfall Night	Sunshine to Sunset. hrs. (Yesterday)	Humidity 18h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew (24 hours ended 7h.)	18	bfxb	bz₀bcq	bfxoffpd	52	29	24	-	Tr	7.8	*	*	0
Croydon (24 hours ended 7h.)	244	bfxbcm	bz₀y	bmzfmx	53	28	19	-	-	7.0	*	*	2
Greenwich (Royal Obsy.)	148	bz	bz	bmfx	53	28	22	-	Tr	7.0	64	95	0
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	4.0	*	*	•
Westminster (St. James' Pk.)	27	*	*	*	54	36	27	-	-		55	90	•
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	5.9	*	*	•
Camden Square	110	cfb	b	*	53	35	30	-	-	*	*	97	•
Kensington Palace	80	c	b.bcf	*	54	35	26	-	-	*	(At 18h) 79	100	•
Hampstead Observatory	450	*	*	*	51	29	21	-	Tr	6.0	*	98	•

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
2.0	22nd 1h	0.3	21st 12h

Kew Observatory			
Max.	Time.	Min.	Time.
1.1	22nd 4h	<0.3	21st 13h

Pole Star Record at Greenwich Obsy.

Exposure from 21st 18 h. 30 m. to 22nd 6 h. 0 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.30	5.52	51
δ Ursae Minoris	11.30	5.25	47

Code for State of Ground.

0=Dry ground.
1=Wet ground.
2=Soil (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.

22nd and 23rd February 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	7.00 6.57	12.07 12.07	17.15 17.17
Greenwich	7.03 7.02	12.14 12.14	17.24 17.26
Wick	7.33 7.30	12.26 12.26	17.20 17.23
Valentia	7.46 7.44	12.55 12.55	18.04 18.06

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.

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.

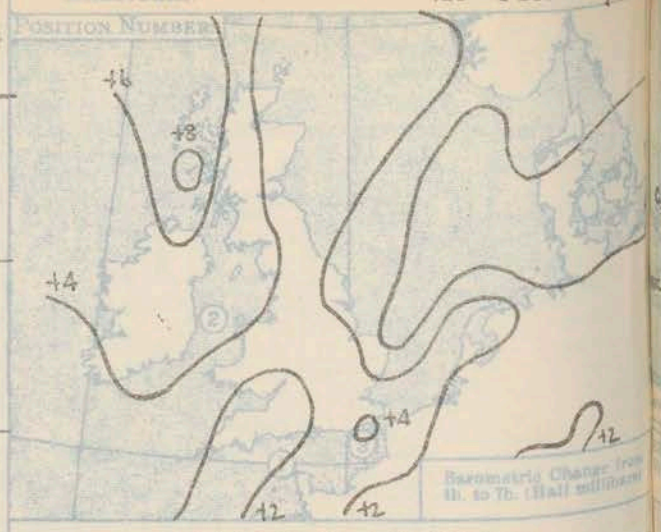
M.O. Form 2370.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 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. 7h.-18h. mm.	RAINFALL.† Day. 7h.-18h. began.	RAINFALL.† Night. 18h.-7h. mm.	RAINFALL.† Night. 18h.-7h. began.	SUN 21st. Hours.
Lerwick	c	c	coir₀	oir₀c	46	43	•	–	–	0·3	22·00	1·2
Stornoway	o	o	c	cp bc	47	40	•	Trace	*	0·6	*	0·1
Wick	b·bc	b-bc	c	c	43	42	•	–	–	–	–	•
Tiree	oa	oa d₀	d₀ o	dc bc	41	41	35	Trace	15·30	0·4	21·00	0·0
Nairn	bcqcbc	bc	bcw	bc	52	42	•	–	–	–	–	6·9
Aberdeen	bm₀	bm₀m	bm	c	48	37	31	–	–	–	–	7·1
Malin Head	bcce	cbce	bcopcbc	bcc	52	43	•	–	–	Trace	22·00	3·5
Renfrew	bm₀c	cox grs	om₀d₀	oc₀r₀	50	40	34	Trace	16.30	1	22.00	2·7
Edinburgh (Inchkeith)	bmmm	bm₀bc	oid₀	o	51	44	42	–	–	Trace	22.00	7·2
Leuchars	bxbm₀	bm₀	cp₀bbc	bbcc	51	~~42~~ 41	37	–	–	Trace	21.00	7·0
Eskdalemuir	bxmbm	bmcm	od₀m₀	om	48	41	41	–	–	0·2	21.00	5·8
Tynemouth	obcff	bcff	bcif	bcff	49	37	30	–	–	–	–	•
Blackpool Point ...	od D	cbc	bcb	b	52	40	•	!	*	Trace	*	•
Donaghadee	cbc	bc	bcc	pr₀bc	51	42	•	–	–	0·3	2·30	•
Birr Castle	c	c	od₀d₀	ffo	54	41	32	–	–	Trace	21·00	2·3
Holyhead	~~bcm₀~~	cm₀	cm₀	b₀o₀d₀	50	45	42	–	–	0·4	3·30	3·9
Liverpool (Bidston) ...	bm₀	bm₀	bbc	bc od₀	50	42	30	–	–	Trace	3·30	8·0
Chester (Sealand) ...	bm3₀	b3₀	bm	bccm₀	61	34	28	–	–	–	–	8·5
Harrogate	bcbff	bbcff	bcfb	b	50	39	32	–	–	–	–	6·0
Spurn Head	bfbmb	bbc	~~[illegible]~~	bmxf	49	38	•	–	–	–	–	8·3
Birmingham (Edgbaston)	b	b	b	bxbc	53	37	31	–	–	–	–	7·5
Cranwell	bFbm	b	b-bc	bmxF	53	33	29	–	–	–	–	8·1
Gorleston	ffoe	ffoe	ffos	fosbcm	41	31	29	Trace	<8·00	Trace	21·00	0·8
Valencia (Cahirciveen)	oid	ordo	id₀cb	bw	52	43	36	3	<8·00	0·3	21·00	0·0
Roches Point	c	c	coir₀	obc	50	44	•	–	–	0·2	21·00	•
Pembroke (St. Ann's H.)	bc	bcc	bocm₀	cm	49	44	•	–	–	–	–	5·8
Ross-on-Wye	cmb3	b3	bmw	bfoFFe	55	33	24	–	–	0·1	–	7·1
Leafield	Ffb	b	bx	bx	51	33	22	0·1	–	Trace	–	7·2
Winchester (Worthy Dn.)	bx b	bm₀	bm₀x	bm₀x	52	26	19	–	–	–	–	9·2
S Farnborough ...	ofbm3	b3₀	bxbm₀	bmofifa	54	24	21	–	–	Trace	–	6·6
London (Kew Obsy.) ...	bfxb	b3bm	bfx	offxw	52	29	24	–	–	Trace	–	7·8
Croydon	cmxbcm	b3₀y	bm₀x	bmjmx	53	28	19	–	–	–	–	7·0
Shoeburyness	cffbm	bbcmbf	cF	cFd	47	29	31	–	–	0·1	–	4·9
Clacton-on-Sea ...	omf	of	ffo	ffo	44	35	35	–	–	–	–	0·0
Felixstowe	oFm₀	om₀fe	oFe	oFe	43	33	33	Trace	–	0·1	–	0·0
Lympne	cmfbm	a ~~bc~~ bm₀	bm₀	bm₀x	52	35	22	–	–	–	–	6·4
Scilly (St. Mary's) ...	bbcm	bbccm₀	cbcb	bbcc	54	45	•	–	–	–	–	7·0
Falmouth (Pendennis)	bcm₀	bcm₀	bccm₀	cbcf	52	40	•	–	–	–	–	9·2
Plymouth (Cattewater)	cmwb	b	bw	bwx	54	36	31	Trace	–	0·1	–	9·3
Portland Bill	bcb3₀	b3₀	c	bwz₀	50	40	•	–	–	–	–	•
Southampton (Calshot)	bm₀b	b	bwoffe	offe	48	31	23	–	–	0·2	–	8·8
Dungeness	offbcm	bcj₀	bcz	bzoffs	49	30	•	–	–	–	–	•
Guernsey	bc	bcbm₀	bm₀	bm₀w	47	42	•	–	–	0·1	–	5·1

ISALLOBARS — 22nd February

POSITION NUMBER



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Pressure.
2	21st 10h	Scotia	S	6	bc	47	45	6
3	22nd 2h	Brighton	NNE	1	bc	50	52	7

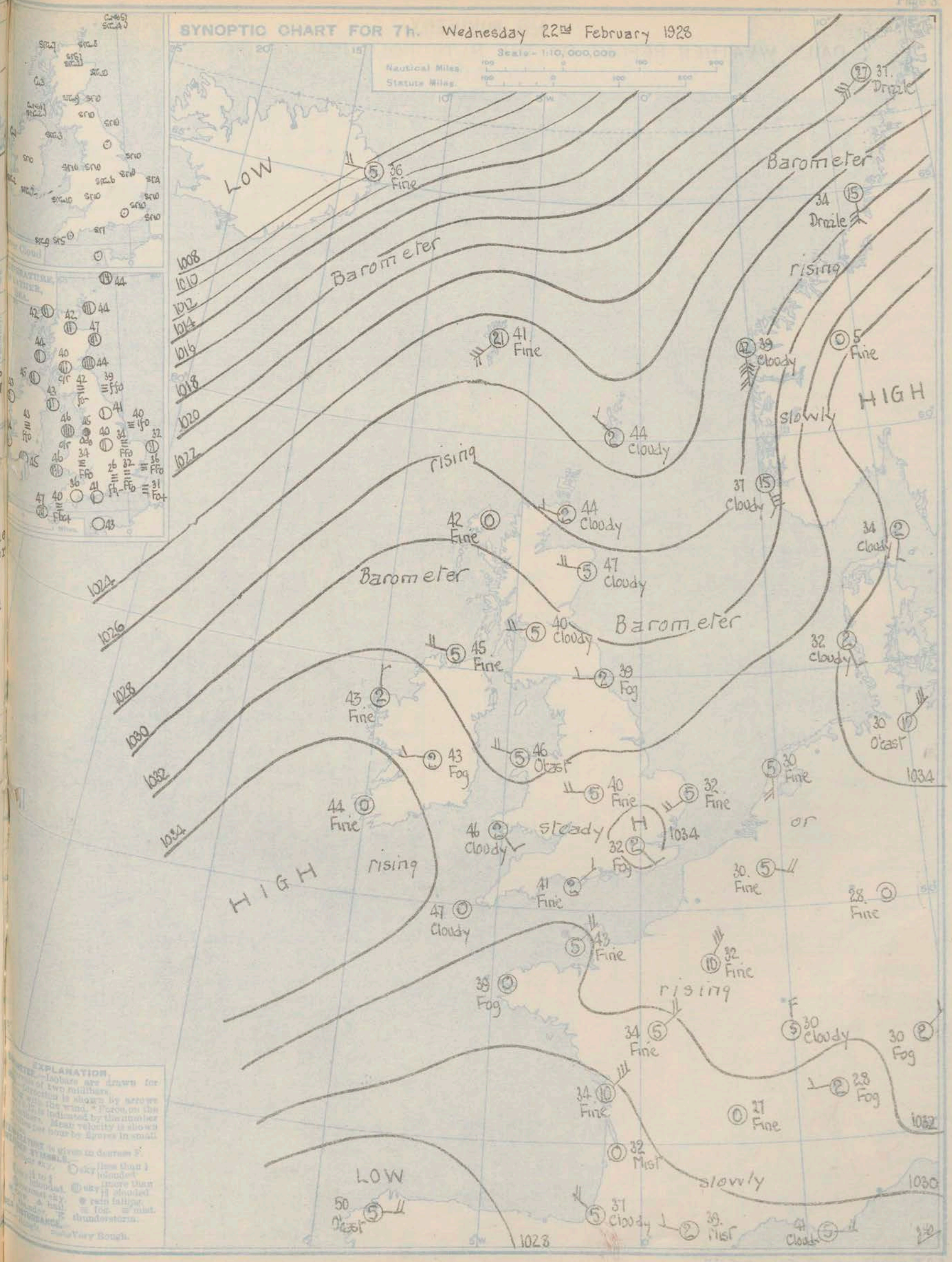
GENERAL INFERENCE.

The anticyclone covering most of Europe persists and another is moving in across the British Isles from the Atlantic. Weather will continue quiet and mainly fair with rather widespread mist or fog at night and in the morning. Drizzle may occur locally in western and northwestern coastal districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday, 22nd February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Variable winds, light or moderate; mainly bright weather; rather widespread fog, night and morning; moderate to rather high day temperature, frost at night.	No important change is indicated.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Variable winds, light or moderate; mainly fair but local drizzle near coasts; local mist or fog, night and morning; moderate to rather high day temperature, frost locally at night.	
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) 14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland	Variable or westerly winds, mainly light to moderate; variable skies, local drizzle near coasts; mist or fog locally at night and in morning; moderate to rather high day temperature, night frost.	
18. N.E. Ireland 19. S.E. Ireland	As 1 - 4.	
20. S.W. Ireland	As 12 - 17.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 09.30 G.M.T.

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


SYNOPTIC CHART FOR 7h. Wednesday 22nd February 1928
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
rising
HIGH
slowly
steady
or
EXPLANATION
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. Wednesday, 22nd February, 1928. No. 53

Observations at 1h. G.M.T. 22nd

Stations.	Height above M.S.L. in feet.	Barom. at M.S.L. mb.	Change in 3 Hours.†‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10
Lerwick	54	1022·3	+2	S	1	cjp	46	97	7	4000	CuNb	5	ASt	10
Stornoway	30	1024·7	+5	WNW	1	c	·	·	6	·	·	·	·	10
Wick	81	1023·6	+3	WSW	2	c	46	97	8	2500	StCu	8	CiSt	10
Tiree	22	·	·	·	·	·	·	·	·	·	·	·	·	·
Nairn	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Aberdeen	46	·	·	·	·	·	·	·	·	·	·	·	·	·
Malin Head	51	1026·4	+3	SW	2	bc	46	97	7	5700	StCu	3	–	3
Renfrew	36	·	·	·	·	·	·	·	·	·	·	·	·	·
Edinburgh (Inchkeith)	190	1025·8	+3	SW	2	od₀	46	92	7	1500	Nb	10	–	10
Leuchars	40	·	·	·	·	·	·	·	·	·	·	·	·	·
Eskdalemuir	794	·	·	·	·	·	·	·	·	·	·	·	·	·
Tynemouth	87	1028·7	+2	SW	1	ffbc	39	92	3	800	St	4	–	4
Blacksod Point	18	1028·1	+3	–	0	b	43	92	7	·	–	0	–	0
Donaghadee	40	·	·	·	·	·	·	·	·	·	·	·	·	·
Birr Castle	173	·	·	·	·	·	·	·	·	·	·	·	·	·
Holyhead	28	1028·9	+1	SSW	3	b	46	92	7	–	–	0	–	0
Liverpool (Bidston)	189	·	·	·	·	·	·	·	·	·	·	·	·	·
Chester (Sealand)	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Harrogate	476	·	·	·	·	·	·	·	·	·	·	·	·	·
Spurn Head	29	1029·2	0	S	3	b	39	97	5	–	–	0	–	0
Birmingham (Edgbaston)	545	·	·	·	·	·	·	·	*	·	·	·	·	·
Cranwell	250	1030·9	0	SSW	2	b	38	97	5	–	–	0	–	0
Gorleston	14	1032·5	0	SW'S	1	ffo	36	97	2	450	St	10	–	10
Valentia (Cahirciveen)P	30	1030·2	+3	WSW	2	~~(bc)~~	50	97	7	*	St	3	–	3
Roches Point	22	·	·	·	·	·	·	·	·	·	·	·	·	·
Pembroke (St. Ann's H.)	160	1029·8	+2	SSW	2	c+	47	97	5	1500	StCu	8	–	8
Ross-on-Wye	238	·	·	·	·	·	·	·	·	·	·	·	·	·
Leafield	812	·	·	·	·	·	·	·	·	·	·	·	·	·
Winchester (Worthy Dn.)	272	·	·	·	·	·	·	·	·	·	·	·	·	·
S. Farnborough	230	·	·	·	·	·	·	·	·	·	·	·	·	·
London (Kew Obsy.)	18	·	·	·	·	·	32	·	·	·	·	·	·	·
Croydon	244	1032·4	0	S	2	b	33	97	5	–	–	0	–	0
Shoeburyness	11	·	·	·	·	·	·	·	·	·	·	·	·	·
Clacton-on-Sea	54	·	·	·	·	·	·	·	·	·	·	·	·	·
Felixstowe	16	·	·	·	·	·	·	·	·	·	·	·	·	·
Lympne	350	1031·7	+1	E	2	b	40	85	36	–	–	0	–	0
Scilly (St. Mary's)	103	1029·8	+1	–	0	b	48	92	8	4000	Cu	2	–	2
Falmouth (Pendennis)	200	1031·2	0	–	0	c+	47	92	6	4000	StCu	10	–	10
Plymouth (Cattewater)	82	·	·	·	·	·	·	·	·	·	·	·	·	·
Portland Bill	32	1030·9	0	ESE	1	b	46	92	6	–	–	0	–	0
Southampton (Calshot)	10	1031·7	0	NNW	2	FFo	37	97	0	4150	St	10	–	10
Dungeness	20	1032·4	+1	–	0	bc+	43	97	6	450	St	5	–	5
Guernsey (Fort George)P	295	1031·0	0	–	0	b	43	92	6	–	–	0	–	0

Observations at 7h. G.M.T. 22nd

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.†‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	1025·7	+3	NW	1	cjp	44	92	7	4000	CuNb	9	–	9	·
Stornoway	1029·9	+7	–	0	bc	42	92	7	2500	StCu	7	–	7	0
Wick	1027·9	+3	WNW	1	c	44	92	8	2500	StCu	8	–	8	0
Tiree	1031·4	+8	WNW	3	bc	44	97	8	1500	Cu	3	–	3	3
Nairn	1029·5	·	W	1	bc+	42	85	7	1500	St	7	–	7	·
Aberdeen	1028·4	+3	WNW	2	c	41	85	8	4000	StCu	10	–	10	0
Malin Head	1031·9	+7	WNW	2	bcjp	45	97	8	5700	StCu	3	–	3	2
Renfrew	1030·4	+5	W	2	c1r	40	97	6	4000	StCu	9	–	9	·
Edinburgh (Inchkeith)	1028·7	+3	WSW	3	o	44	97	8	800	St	10	–	10	1
Leuchars	1029·1	+3	W	3	c	46	92	7	4000	StCu	4	ASt	10	·
Eskdalemuir	1031·1	+5	WSW	1	fo-	42	97	4	1500	St	10	–	10	0
Tynemouth	1030·8	+2	W	1	ffo	39	92	3	1500	St	10	–	10	·
Blacksod Point	1033·0	+4	N	1	b	43	85	7	·	Cu	1	–	1	1
Donaghadee	1031·6	+5	W	2	bc-	43	92	8	4000	StCu	3	ASt	6	2
Birr Castle	1033·4	·	W	1	ffo	43	97	3	4150	St	10	–	10	·
Holyhead	1031·9	+5	WNW	2	o1d	46	97	6	800	St	10	–	10	0
Liverpool (Bidston)	1032·5	+3	S	1	od₀	45	85	7	1500	St	10	–	10	·
Chester (Sealand)	1031·6	+3	–	0	c	41	97	5	4000	StCu	10	–	10	·
Harrogate	1031·9	+1	SW	1	b	41	92	6	–	–	0	ACu	1	·
Spurn Head	1030·1	+1	WNW	3	ifo	40	92	3	800	St	10	–	10	·
Birmingham (Edgbaston)	1033·1	+2	W	2	bc+	40	92	6	4000	StCu	6	–	6	·
Cranwell	1032·4	+2	WSW	2	FFo	34	97	1	4150	St	10	–	10	0
Gorleston	1032·9	0	SW'W	2	bc-	32	97	6	2500	St	4	–	4	·
Valentia (Cahirciveen)P	1034·3	+3	–	0	b	44	92	8	1500	StCu	2	–	2	3
Roches Point	1032·8	+4	NW	3	bc	45	92	8	2500	StCu	2	Ci	6	1
Pembroke (St. Ann's H.)	1031·9	+2	SE	1	c+	46	97	5	800	StCu	10	–	10	0
Ross-on-Wye	1032·8	+1	SW	1	FFo	34	97	1	4150	St	10	–	10	·
Leafield	1033·2	+2	SW	1	b	33	97	5	–	–	0	–	0	·
Winchester (Worthy Dn.)	1033·0	+1	NNW	1	b	28	97	5	–	–	0	Ci	1	·
S. Farnborough	1033·4	+2	S	1	fb-	26	97	2	–	–	0	ASt	2	·
London (Kew Obsy.)	1034·1	+3	SE'E	1	FFo	32	97	1	4150	St	10	–	10	·
Croydon	1033·6	+2	S	2	fb+	31	97	4	–	–	0	Ci	1	·
Shoeburyness	1034·2	+2	SW	1	FFo	30	97	1	1500	St	10	–	10	*
Clacton-on-Sea	1033·3	+2	–	0	FFo	36	92	1	~~4150~~ 1500	St	10	–	10	0
Felixstowe	1033·9	+1	–	0	FFo	33	97	0	4150	St	10	–	10	0
Lympne	1032·3	+3	NNE	3	b	36	85	6	–	–	0	Ci	1	·
Scilly (St. Mary's)	1032·3	+2	–	0	c+	47	97	6	4000	StCu	9	–	9	1
Falmouth (Pendennis)	1033·4	+1	–	0	Fbc+	40	97	1	220	St	5	–	5	0
Plymouth (Cattewater)	1032·8	+1	NE	2	b	36	97	7	–	–	0	–	0	1
Portland Bill	1032·1	+1	NE	1	b	41	92	6	800	St	1	–	1	1
Southampton (Calshot)	1032·7	+2	NW'N	2	FFo	31	97	1	4150	St	10	–	10	·
Dungeness	1032·9	+4	NNE	2	Fc+	31	92	1	220	St	10	–	10	2
Guernsey (Fort George)P	1030·7	+2	NE	2	b	43	92	6	–	–	0	–	0	0

be/n

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Tuesday, 21st February, 1928.

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 17h. 21st. hr.	Sunshine. Sunrise to Sunset. 20th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bc	bc	35	54	–	–	7·5	0·7
Douglas (I. of M.)	bbc	co	40	46	–	–	1·4	0·0
Llandudno	b	b	35	57	–	–	8·9	2·7
Colwyn Bay	cb	b	35	59	–	–	8·8	3·6
Rhyl	b	b	33	61	–	–	9·4	3·2
Wallasey	b	b3	35	51	trace	–	6·5	1·5
Southport	b	b	*36	51	–	–	7·5	1·3
Blackpool	bm	bm	37	50	0·1	–	7·3	0·7
Ilkley	pfc	bc	28	44	–	–	4·6	0·4
Cleethorpes	b	b	35	53	0·6	–	8·0	0·9
Skegness	bcb	b	40	50	trace	–	8·0	0·1
Aberystwyth	3bc	bc	41	58	–	–	9·4	3·4
Bath	mb	b	31	56	–	–	7·3	5·7
Cheltenham	bcb	b3	38	54	–	–	6·8	2·2
Leamington Spa	ocb	bc	30	54	–	–	5·5	0·5
Lowestoft	f	f	39	42	–	–	0·0	0·0
Felixstowe	cfbc	cfc	40	42	trace	trace	0·0	0·0
Harwich & Dovercourt	f	f	36	42	trace	–	0·0	0·0
Southend	bbcf	bf	36	49	–	–	6·3	3·4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	b	43	57	–	–	9·0	2·8
Bude	bcb	bbc	47	56	–	–	7·2	9·4
Penzance	b	bc	47	55	–	–	7·7	5·7
Paignton	bmw	bcc	34	53	–	–	8·0	3·4
Torquay	bwm	cbccm	43	52	–	–	7·3	3·1
Jersey	bc	bc	42	54	–	–	6·3	8·8
Weymouth	mb	b	41	52	trace	–	8·0	3·0
Bournemouth	b	b	35	53	–	–	9·0	5·0
Ventnor	xb3	b3	41	52	trace	(–)	8·0	7·1
Portsmouth (S'thsea)	b	b	37	51	–	–	8·8	7·9
Bognor	b	b	41	50	–	–	8·1	6·8
Littlehampton	bcb	b	37	49	–	–	8·0	6·8
Worthing	bcb	b	38	52	–	–	7·7	6·9
Brighton	bcb	b	38	51	–	–	7·1	7·2
Eastbourne	mcb	b	37	50	–	–	8·0	7·2
Hastings	fmbc	b	41	50	trace	–	6·0	4·5
Folkestone	ofbcb	b	41	51	–	–	6·1	3·3
Dover	mobc	bcb	41	50	–	–	6·6	0·4
Tunbridge Wells	ombob	b	37	51	–	–	6·5	0·2
Ramsgate	obcm	mbcbm	41	46	–	–	3·5	0·0
Margate	mbc	bc	41	49	–	–	4·5	0·0
Deal	ocbc	b	39	48	–	–	5·6	0·1

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.24199 Thursday 23rd February 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	Cloud Upper Form	Cloud Total Amt. 0-10	State of ground.
Lerwick	1032.2	+5	W	2	b	49	65	8	4000	Cu	1	CiSt	2	.
Stornoway	1034.5	+4	SW	1	b	51	75	7	4000	Cu	1	-	1	.
Wick	1034.9	+7	WNW	2	bc	48	85	8	2500	StCu	4	CiSt	6	.
Tiree	1036.0	+3	W'N	3	b-	49	75	8	-	-	0	-	0	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	.
Aberdeen	1034.7	+6	NNW	3	c	49	75	8	2500	Cu	8	-	8	1
Malin Head	1036.4	+4	WNW	3	b	49	92	8	4000	Cu	1	-	1	.
Renfrew	1034.7	+4	WNW	2	bc	53	65	8	4000	StCu	4	-	4	1
Edinburgh (Inchkeith)	1033.6	+5	W	1	bc/m	50	85	8	-	-	0	ACu	3	.
Leuchars	1034.4	+4	WNW	3	bc	53	65	8	4000	Cu	4	-	4	1
Eskdalemuir	1034.0	+4	N	3	bc	50	65	8	4000	Cu	5	Ci	6	1
Tynemouth	1033.9	+2	WNW	2	bc/f	52	75	7	1600	St	2	Ci	4	.
Blacksod Point	1036.1	+2	N	1	bv	50	85	9	*	Cu	1	-	1	.
Donaghadee	1035.4	+3	NNW	3	bc	49	75	8	4000	Cu	3	-	3	.
Birr Castle	1036.4	.	N	1	bc-	46	92	7	1500	Cu	6	-	6	.
Holyhead	1035.8	+2	N	2	bc	48	92	7	4000	Cu	1	Ci	7	1
Liverpool (Bidston)	1035.3	+2	W	2	b-	47	97	6	1600	Cu	1	Ci	2	.
Chester (Sealand)	1034.3	+2	NW	3	c-	48	92	6	4000	StCu	8	Ci	8	1
Harrogate	1034.1	+3	SW'W	2	c	49	86	6	5700	StCu	9	-	9	.
Spurn Head	1033.3	+1	W'N	2	mmbc	47	85	4	450	St	7	-	7	.
Birmingham (Edgbaston)	1034.3	+1	NW	1	ffbc	49	75	3	4000	StCu	5	-	5	2
Cranwell	1033.8	0	W	2	fb-	51	85	4	4000	StCu	1	-	1	0
Gorleston	1033.7	+1	W'N	1	b	48	75	5	-	-	0	-	0	.
Valentia (Cahirciveen)	1036.0	0	NE	3	b	52	75	8	1500	Cu	1	ACu	2	1
Roches Point	1035.1	+2	NE	2	bc	52	55	8	4000	Cu	1	CiSt	6	.
Pembroke (St. Ann's H.)	1034.5	+2	ESE	1	bc-	48	97	5	1600	StCu	8	-	8	.
Ross-on-Wye	1034.0	+1	NE	1	b	49	75	6	4000	Cu	1	-	1	1
Leafield	1034.3	+1	NNW	2	bcl	49	75	7	-	-	0	-	0	1
Winchester (Worthy Dn.)	1033.9	-1	NNW	1	b	50	65	7	-	-	0	-	0	1
S. Farnborough	1033.8	0	-	0	b	52	65	6	-	-	0	-	0	0
London (Kew Obsy.)	1034.4	-1	W	1	b/f	47	75	5	-	-	0	-	0	1
Croydon	1034.5	-1	NW	1	mmb	49	65	4	-	-	0	-	0	1
Shoeburyness	1034.6	+1	S	1	b/f	43	97	6	-	-	0	-	0	.
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1034.8	0	S	1	ifb	41	97	3	-	-	0	-	0	1
Lympne	1034.2	0	SE'E (E in red)	2	mb+	45	85	4	-	-	0	-	0	1
Scilly (St. Mary's)	1033.7	+1	NE'E	2	b-	52	85	6	4000	StCu	2	-	2	.
Falmouth (Pendennis)	1034.5	0	SE'E	2	b	49	75	7	4000	Cu	2	-	2	.
Plymouth (Cattewater)	1033.7	-1	SE	3	b	52	75	7	-	-	0	-	0	1
Portland Bill	1033.8	+1	NE	1	b	49	75	6	1500	St	1	-	1	.
Southampton (Calshot)	1033.9	-1	NNW	2	b	47	85	5	-	-	0	-	0	0
Dungeness	1034.7	+2	SE	2	FFo	42	97	1	<150	St	10	-	10	.
Guernsey (Fort George)	1032.9	-1	ENE	3	b-	49	85	6	-	-	0	-	0	.

Observations at 18h. G.M.T. 22nd

Stations.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Cloud Upper Form	Cloud Total Amt. 0-10	Sea. 0-9
Lerwick	1034.8	+3	-	0	c	43	92	8	5700	StCu	3	ASt	10	.
Stornoway	1036.5	+2	-	0	b-	44	97	7	-	-	0	-	0	0
Wick	1037.9	+4	WNW	1	bc	43	92	7	2500	StCu	3	-	3	0
Tiree	1037.8	+2	W	1	b-	43	97	8	-	-	0	-	0	2
Nairn	1037.2	.	-	0	bc	41	85	7	5700	StCu	5	-	5	.
Aberdeen	1038.0	+4	NNW	2	b-	44	75	7	-	-	0	-	0	0
Malin Head	1037.3	+2	NW	1	b	45	97	6	-	-	0	-	0	1
Renfrew	1036.9	+3	E	1	b	47	75	5	5700	StCu	1	-	1	.
Edinburgh (Inchkeith)	1036.5	+4	ENE	2	b-	45	85	7	-	-	0	ACu	1	0
Leuchars	1037.6	+3	NE	1	b-	44	85	8	-	-	0	-	0	.
Eskdalemuir	1037.1	+3	N'E	1	b	41	85	8	4000	Cu	1	-	1	.
Tynemouth	1036.5	+3	N	2	bc+	45	85	7	2500	CuNb	4	Ci	5	1
Blacksod Point	1036.6	0	N	1	b	46	85	7	*	Cu	2	-	2	2
Donaghadee	1036.6	+2	N	3	b-	45	85	8	4000	Cu	2	-	2	2
Birr Castle	1035.8	.	NE	1	bc-	47	85	8	2500	Cu	2	Ci	5	.
Holyhead	1036.2	+1	N'E	1	bc	44	97	7	800	St	1	CiSt	7	0
Liverpool (Bidston)	1036.4	+1	W'N	1	mbc	43	97	4	800	StCu	6	-	6	.
Chester (Sealand)	1035.4	+2	WNW	3	b	43	97	6	-	-	0	Ci	1	.
Harrogate	1036.2	+3	N	1	c	47	75	6	4000	StCu	7	ASt	9	.
Spurn Head	1034.3	+1	N	2	c	45	92	5	2500	St	6	ASt	10	0
Birmingham (Edgbaston)	1036.4	+1	NNW	2	mc+	48	85	4	4000	StCu	8	-	8	.
Cranwell	1035.0	+2	N'W	2	fc+	47	85	3	800	StCu	10	-	10	.
Gorleston	1034.6	0	-	0	ffb	40	97	3	-	-	0	-	0	0
Valentia (Cahirciveen)	1034.9	-1	NE'E	3	bc	48	75	8	2500	StCu	1	CiCu	6	3
Roches Point	1034.7	0	NE	3	bc	48	85	8	4000	Cu	1	CiSt	7	1
Pembroke (St. Ann's H.)	1034.0	0	N'E	2	c	48	92	7	2500	StCu	8	-	8	0
Ross-on-Wye	1034.1	+1	N'E	2	bc-	49	85	6	4000	StCu	7	-	7	.
Leafield	1036.4	+1	NW	2	b	43	85	6	-	-	0	CiSt	2	.
Winchester (Worthy Dn.)	1033.7	+1	N	1	b	45	85	6	-	-	0	-	0	.
S. Farnborough	1033.5	0	-	0	mb+	46	85	4	-	-	0	Ci	1	.
London (Kew Obsy.)	1034.3	+1	NE	1	fb+	49	75	3	-	-	0	-	0	.
Croydon	1034.3	+1	-	0	mmbc	39	92	4	-	-	0	ASt	6	.
Shoeburyness	1034.3	0	S'E	1	b	40	97	5	-	-	0	-	0	.
Clacton-on-Sea	1034.3	0	SSE	1	bc	41	97	6	2600	St	4	-	4	0
Felixstowe	1034.7	+1	-	0	Fb+	37	97	1	-	-	0	-	0	0
Lympne	1034.3	0	ENE (first E in red)	2	b+	41	75	5	-	-	0	ASt	2	.
Scilly (St. Mary's)	1032.8	-1	NE'E	2	b-	47	92	6	4000	Cu	2	-	2	1
Falmouth (Pendennis)	1032.9	-1	-	0	bc	46	92	6	4000	Cu	1	Ci	3	0
Plymouth (Cattewater)	1033.3	+1	S	2	b	47	92	6	-	-	0	-	0	0
Portland Bill	1033.3	0	-	0	b	47	75	6	1500	St	2	-	2	1
Southampton (Calshot)	1033.6	+1	E	2	b	44	85	6	-	-	0	-	0	0
Dungeness	1034.6	0	NE	1 (red; 4 struck out)	bc/f	43	97	6	450	St	4	-	4	1 (red)
Guernsey (Fort George)	1032.9	0	ENE	3	b	46	85	7	-	-	0	-	0	0

London Observations.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	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	bfom.	bmbf	bfwxof[illegible]	52	32	27	Tr.	Tr.	4.3	*	*	7
Croydon } 24 hours ended 7h.	244	bmff	baycmw	bcbm.	54	29	21	Tr.	0.1	7.5	*	*	7
Greenwich (Royal Obsy.)	149	bff	bfmf	bcfbxof	47	32	23	Tr.	0.3	0.3	68	97	2
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.5	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	53	36 (6 in red)	33	-	-	*	60	58	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	2.7	*	*	*
Camden Square	110	fb	bbc	*	55	34	28	-	-	*	*	100	*
Kensington Palace	80	cz	fz	*	54	35	28	-	-	*	(At 18h) 82	100	*
Hampstead Observatory	450	*	*	*	52	30	25	-	0.3	6.8	*	100	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
Defective record			

Kew Observatory

Max.	Time.	Min.	Time:
1.3	2h 23rd	40.3 [illegible]	14h 22nd

Pole Star Record at Greenwich Obsy.

Exposure from 22nd 18 h. 30 m. to 23rd 6 h. 22 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11-30	7.40	67
δ Ursae Minoris	11.30	7.01	61

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

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

23rd and 24th February, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.57 6.55	12.07 12.07	17.17 17.19
Greenwich	7.02 7.00	12.14 12.13	17.26 17.28
Wick	7.30 7.28	12.26 12.26	17.23 17.25
Valentia	7.44 7.42	12.65 12.64	18.06 18.08

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. l intermittent.
jp precipitation within sight of station.
KQ line squall. l lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix 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.

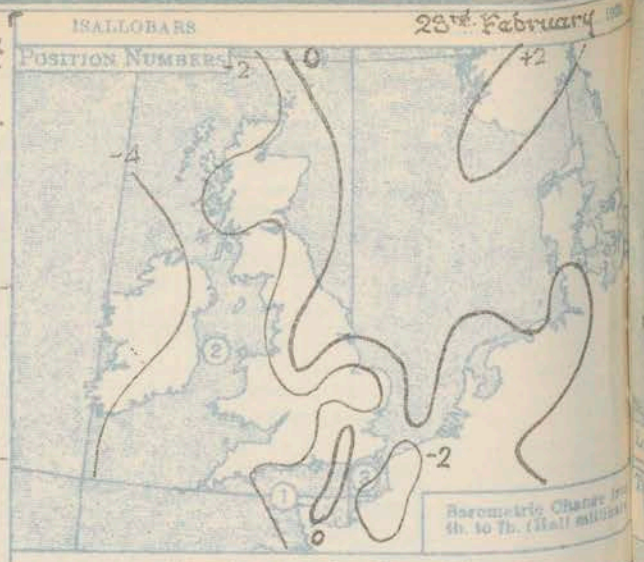
§ Telegraphic Code for Surface Visibility.

	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.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h.	13h.-18h.	18h. to 18h.	18h.-7h.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN Hours.
Lerwick	cbcb	bbcc	b	b	49	40	.	-	-	-	-	7.3
Stornoway	b-bc	c	b-bc	b	51	29	.	-	-	-	-	7.7
Wick	b-bc	b-bc	b-bc	b-bc	48	36	.	-	-	-	-	.
Tiree	bc	bc	bc	bc	49	34	24	-	-	-	-	8.7
Nairn	bc	bcw	bcr	bc	49	28	.	-	-	-	-	5.2
Aberdeen	cbcc	cb	bm.	bm.fx	50	28	25	-	-	-	-	3.4
Malin Head	bcp.	b	bm.mbc	bbcx	49	38	.	-	-	-	-	8.7
Renfrew	cm.bc	bcb	bz.	bm.c	55	36	30	-	-	-	-	6.9
Edinburgh (Inchkeith)	cmm.	b-bc	b	ofe	53	36	29	-	-	Trace	-	5.9
Leuchars	cbc.	cbc	bbx	bbcm.	54	28	19	-	-	-	-	3.7
Eskdalemuir	cm.bc	bcb	b	bbc	51	35	34	-	-	-	-	5.4
Tynemouth	oifbc	bc	oifid.	oid.	53	40	39	-	-	1	<21.00	.
Blacksod Point ...	b	b	b	bcc	52	40	.	Trace	-	-	-	.
Donaghadee	bc	bcb	bebc	bc	59	41	.	-	-	-	-	.
Birr Castle	ffobc	bc	bcc	c	51	34	25	-	-	-	-	4.6
Holyhead	cbem.	bc	bwm.	bm.mm	49	42	36	-	-	0.1	-	6.8
Liverpool (Bidston)...	oifd.	bim.	bcoec.	bcco	47	41	35	0.1	<8.00	-	-	3.7
Chester (Sealand) ...	dmcm	bcbm.	bomf	ofd.f	50	38	32	Trace	<8.00	0.4	2.30	3.6
Harrogate	bbcc	c	cbcoff	of fo.d	52	39	37	-	-	0.1	4.30	0.1
Spurn Head	bcff	o	ffor	ffo.f	49	42	.	-	-	1	22.00	4.2
Birmingham (Edgbaston)	bcm	fbcmc	mc	coF	51	42	42	-	-	-	-	1.0
Cranwell	oFbm	bmcm	o.f	ofd.	51	41	41	Trace	-	0.1	5.30	3.4
Gorleston	bcofbm	mffb	ffoe	ffoe	52	38	38	-	-	Trace	-	8.5
Valentia (Cahirciveen)	bwb	bbc	bbc	bcc	53	45	41	0.1	<8.00	-	-	8.4
Roches Point	bcy	bc	bcb	bcoz.	54	43	.	-	-	-	-	.
Pembroke (St. Ann's H.)	ffe	bce	cbc	bcf	51	41	.	-	-	-	-	1.2
Ross-on-Wye	ffcmbc	bzcbcc	bmcom	of fe	54	38	31	Trace	-	Trace	-	5.5
Leafield	b.ctb	bbc	bcw	bcfe	52	34	32	Trace	-	0.1	-	8.4
Winchester (Worthy Dn.)	bm.b	bm.	bmff	oFF	53	33	25	Trace	-	Trace	-	9.0
S Farnborough ...	bfxb	bm.	bmf	bfoF	56	28	25	-	-	-	-	7.2
London (Kew Obsy.)...	oFbm.	bmbf	bfwx	offcw	52	32	27	Trace	-	Trace	-	4.3
Croydon	bmxff	bzycmb	bbmx	bmofef	54	29	21	Trace	-	0.1	-	7.5
Shoeburyness... ...	oFbm.	bm.	becF	omd	45	31	26	-	-	Trace	-	5.5
Clacton-on-Sea ...	ofbcf	bcfbcm	bcm	bcom	42	38	30	-	-	—	-	1.3
Felixstowe	oFif	bff	bF	Obfcf	42	36	27	Trace	-	Trace	-	5.5
Lympne	bm	bm.	bm.	bm.off	49	32	24	-	-	Trace	-	9.0
Scilly (St. Mary's) ...	cbcbm	bbcm.	bm.	bbcm.	52	45	.	-	-	-	-	4.0
Falmouth (Pendennis)	bcFb	bbcm.	bcz.b	bcz.q	50	44	.	-	-	-	-	9.1
Plymouth (Cattewater)	bmfe	by3.	bm.	bm.w	55	42	29	0.1	-	-	-	9.3
Portland Bill	bmW	by3.	bm.	bm	50	42	.	-	-	-	-	.
Southampton (Calshot)	oFmm.	bm.	bm.m	bmfxw	51	35	26	0.1	-	Trace	-	7.9
Dungeness	oFf	oFf3	f2cifdff	oiFff	45	37	.	—	-	-	-	.
Guernsey	bbcbm	bm.	bm.	bm.	49	42	.	Trace	-	-	-	8.8



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	22nd 10h	Scotia	NW'N	3	c	47	46
3	23rd 2h	Arundel	ENE	2	bc	44	47

GENERAL INFERENCE.

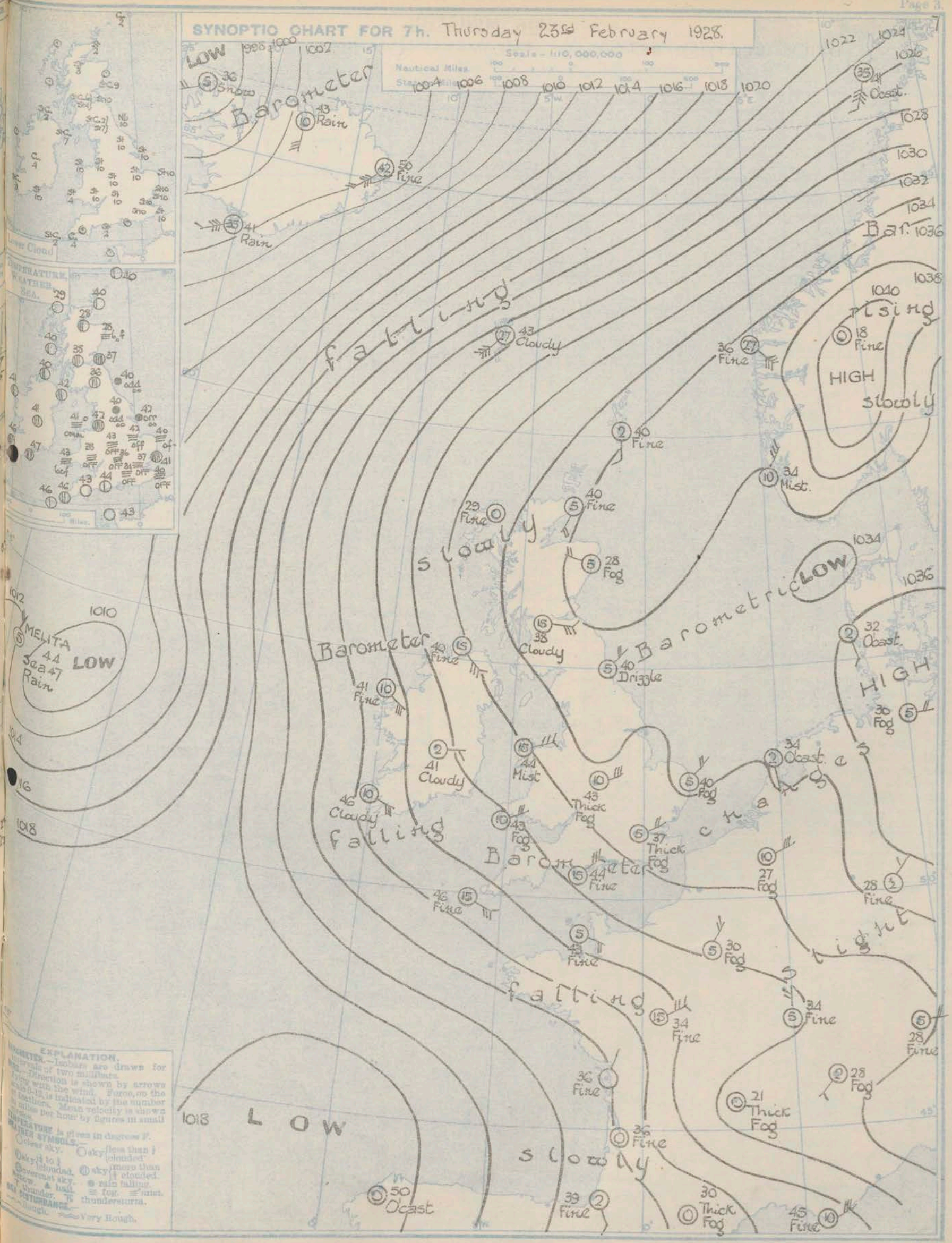
An anticyclone continues to cover most of Europe and has centres over Scandinavia, the North Sea, Germany and Austria. Another anticyclonic system lies to the northwest of the Azores. Weather will be cloudier than of late and some drizzle occur locally but no rain of a general character is as yet anticipated. There will be some further mist or fog locally but this will be confined chiefly to eastern coastal districts.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Thursday, 23rd February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Variable easterly winds, light to fresh; cloudier than of late with slight drizzle locally; mist of fog in places, night and morning; moderate day temperature, slight ground frost at night.	No important change but probably cloudier than of late with some drizzle locally.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands	Mainly easterly winds, fresh locally; mainly bright weather; local mist or fog, night and morning; moderate to rather high day temperature, frost locally at night.	
10. N.E. England 11. S.E. Scotland	Variable to southeasterly winds, light to fresh; mainly cloudy weather with local drizzle at first; some coastal mist or fog; moderate temperature.	
12. S.W. Scotland & Isle of Man	Easterly winds, veering towards S.W., light to fresh; mainly bright weather but some local mist or fog; moderate to rather high day temperature, frost locally at night.	
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	Southerly to southwesterly winds, light to fresh or strong at times; mainly bright weather but probably some rain or drizzle late in the period; local morning mist or fog; moderate to rather high day temperature, ground frost at night.	
19. S.E. Ireland 20. S.W. Ireland	Southeasterly to southerly winds, fresh locally; variable skies, local drizzle near coasts; morning mist in places; moderate temperature, frost inland at night.	

Pp 361/1433 wt 103 c 15/15 2100K 2/28

† For code see page 1

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


SYNOPTIC CHART FOR 7h. Thursday 23rd February 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Barometer
falling
slowly
Barometer falling slowly
Barometric LOW
HIGH
rising slowly
HIGH
Bar. 1036
LOW
LOW
MELITA
Sea 47
Rain
Lower Cloud
TEMPERATURE, WEATHER, SEA.
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 type.
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.
Snow.
Rain falling.
Hail.
Fog.
Mist.
Thunder.
Thunderstorm.
SEA DISTURBANCE.
Rough.
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION Thursday 23rd February 1928. No. 54.

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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10
Lerwick	54	1036.3	0	–	0	b	43	92	7	5700	Scu	1	–	1
Stornoway	30	1036.3	-1	WSW	1	b-	*	*	6	*	*	*	*	0
Wick	81	1038.0	-1	SW	2	bc	38	97	8	2500	Scu	3	–	3
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1035.9	-2	S	1	b	41	97	7	5700	Scu	1	–	1
Renfrew	36	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1037.4	+1	ENE	1	b-	39	97	8	–	–	0	–	0
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794			*	*								*	
Tynemouth	67	1037.5	0	NE	2	ojp	42	92	7	1500	Nb	10	–	10
Blacksod Point	18	1032.1	-4	SE	3	b	44	75	7	*	Cu	2	–	2
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1034.1	-3	EN	4	b	43	97	6	–	–	0	–	0
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1036.4	0	NE	3	of.f.	43	97	0	<150	St	10	–	10
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1035.3	0	NE	2	fo	43	97	3	800	St	10	–	10
Gorleston	14	1035.0	+1	E	1	FFo	40	97	1	220	St	10	–	10
Valentia (Cahirciveen) F	30	1031.2	-3	SE	4	c+	46	92	7	–	St	8	–	8
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1032.5	-1	NNE	3	bc-	45	92	7	1500	Cu	3	–	3
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	272	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	37	*	*	*	*	*	*	*
Croydon	244	1034.4	-1	–	0	mmb	33	97	4	–	–	0	–	0
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1033.7	0	ENE	3	b	38	85	5	–	–	0	–	0
Scilly (St. Mary's)	163	1030.7	-3	E	4	b	45	97	6	–	–	0	–	0
Falmouth (Pendennis)	200	1031.2	-3	E	4	b	46	92	7	–	–	0	–	0
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	33	1032.2	-1	ENE	3	b	45	85	5	800	St	1	–	1
Southampton (Calshot)	10	1033.5	-1	ENE	1	mmb	40	97	4	–	–	0	–	0
Dungeness	20	1033.7	0	E	2	Fo+	41	97	1	<150	St	10	–	10
Guernsey (Fort George) F	295	1031.0	-3	ENE	3	b-	44	85	6	–	–	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	Low Cloud Height Feet	Low Cloud Form	Low Cloud Amt. 0-10	Upper Form	Total Amt. 0-10	Sea 0-9
Lerwick	1035.3	0	S	1	b	40	92	8	4000	Cu	2	–	2	*
Stornoway	1032.9	-2	–	0	b	29	97	6	–	–	0	–	0	0
Wick	1035.9	-2	SSW	2	b	40	97	8	2500	St	2	–	2	0
Tiree	1033.0	-1	SE	5	b	40	85	9	–	–	0	Ci	2	4
Nairn	1035.3	*	–	0	bc-	28	85	8	1500	St	3	–	3	*
Aberdeen	1037.5	-1	WNW	2	fb	28	92	3	–	–	0	–	0	0
Malin Head	1031.4	-4	SSE	4	bc+	40	97	8	5700	Scu	2	ACu	6	2
Renfrew	1035.8	-1	E	4	c	38	92	6	800	Scu	10	–	10	*
Edinburgh (Inchkeith)	1035.6	-2	ENE	2	o/f	37	97	7	800	St	10	–	10	0
Leuchars	1036.9	-1	–	0	c+	28	97	6	2500	Scu	9	–	9	*
Eskdalemuir	1036.0	-3	NEN	3	c	36	85	7	800	St	9	–	9	
Tynemouth	1035.7	-1	NE	2	od.d.	40	97	6	1500	Nb	10	–	10	2
Blacksod Point	1027.7	-5	SE	3	bc	41	85	7	*	–	0	ACu	7	2
Donaghadee	1032.5	-2	SE	4	bc+	42	92	7	4000	Scu	7	–	7	3
Birr Castle	1028.4	*	E	1	c+	41	97	7	1500	Cu	4	ASt	9	*
Holyhead	1031.1	-3	EN	4	mmo	44	97	4	2500	St	10	–	10	3
Liverpool (Bidston)	1032.9	-1	EN	4	o	42	92	5	1500	St	10	–	10	*
Chester (Sealand)	1032.7	-2	ESE	2	of.f.	42	97	3	800	St	10	–	10	
Harrogate	1034.5	0	N	1	od.d.	40	97	2	<150	St	10	–	10	*
Spurn Head	1033.1	0	NNE	2	of.f.	42	97	1	<150	St	10	–	10	0
Birmingham (Edgbaston)	1033.6	+1	ENE	3	FFo	43	97	1	<150	St	10	–	10	*
Cranwell	1033.6	-2	NNE	2	ffo	42	97	2	220	St	10	–	10	
Gorleston	1034.3	-1	NEN	2	fo-	40	97	3	800	St	10	–	10	0
Valentia (Cahirciveen)	1026.1	-4	ESE	3	c	46	75	7	4000	Scu	3	ACu	8	3
Roches Point	1028.3	-3	ESE	3	o	47	97	6	800	St	10	–	10	1
Pembroke (St. Ann's H.)	1029.5	-2	ENE	3	ffoc	43	97	3	800	St	4	Ci	6	0
Ross-on-Wye	1032.3	-2	E	2	FFo	38	97	1	<150	St	10	–	10	*
Leafield	1033.1	-1	NE	3	FFo	36	97	1	<150	St	10	–	10	
Winchester (Worthy Dn.)	1032.3	-2	NE	3	FFo	35	97	1	<150	St	10	–	10	*
S. Farnborough	1032.5	0	NE	1	FFo	34	97	1	<150	St	10	–	10	*
London (Kew Obsy.)	1033.6	0	ENE	2	FFo	37	97	1	<150	St	10	–	10	*
Croydon	1033.4	-1	ENE	2	Fo+	37	97	1	<150	St	10	–	10	
Shoeburyness	1033.5	-1	NW	2	o	41	97	5	1500	St	10	–	10	
Clacton-on-Sea	1033.2	-2	E	3	o	41	97	6	4000	St	10	–	10	1
Felixstowe	1033.7	-2	NE	2	mmo	41	97	4	1500	St	10	–	10	0
Lympne	1032.3	-1	NEN	3	fo-	37	97	2	<150	St	10	–	10	
Scilly (St. Mary's)	1026.5	-2	ESE	4	b	46	92	6	4000	Scu	2	–	2	4
Falmouth (Pendennis)	1028.5	-3	E	5	bc+	46	85	6	4000	Cu	4	CiSt	6	1
Plymouth (Cattewater)	1029.3	-3	E	4	b	43	85	6	–	–	0	–	0	0
Portland Bill	1030.3	-1	ENE	4	b	44	85	5	800	St	2	–	2	1
Southampton (Calshot)	1031.7	-2	N	2	fb+	35	97	2	–	–	0	–	0	0
Dungeness	1032.7	-1	NE	2	FFo	40	97	1	<150	St	10	–	10	2
Guernsey (Fort George)	1029.1	-2	ESE	2	b	43	85	6	–	–	0	–	0	0

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22nd February 1928.

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 21st to 9h. 22nd (4) °F	Temperature Max. 9h.-17h. 22nd (5) °F	Rainfall Night 17h.-9h. 21st-22nd (6) mm.	Rainfall Day 9h.-17h. 22nd (7) mm.	Sunshine Sunrise to 17h. 22nd (8) hr.	Sunshine Sunrise to Sunset 21st (9) hr.
Berwick-on-Tweed	cbc	bc	40	51	–	–	5.3	7.5
Douglas (I. o. M.)	cb	b	43	50	0.3	–	8.3	1.4
Llandudno	occ	cbbc	42	50	1	–	3.6	8.9
Colwyn Bay	bcodd	docb	39	50	0.5	0.3	0.7	8.8
Rhyl	ocbc	bc	38	49	0.5	0.2	5.4	9.6
Wallasey	doc	bcfb	39	50	trace	–	3.7	6.5
Southport	feo	cbcb	*38	46	0.3	–	1.9	7.5
Blackpool	ofe	cmc	35	47	0.3	–	3.1	7.3
Ilkley	c	c	29	51	–	–	0.7	4.6
Cleethorpes	ofc	o	37	52	–	–	3.1	8.0
Skegness	offbc	bcc	33	50	trace	–	4.1	8.0
Aberystwyth	mc	cbcc	42	48	0.5	–	0.3	9.4
Bath	b	b	29	54	–	–	8.7	7.3
Cheltenham‡	bcfm	bbm	31	49	–	–	6.7	6.8
Leamington Spa	bbc	cb	29	53	–	*	5.3	5.5
Lowestoft	b	bfbm	32	48	–	–	7.9	0.0
Felixstowe	cfebm	bmfbm	32	40	0.2	–	3.6	0.0
Harwich & Dovercourt	fb	bf	30	45	trace	–	6.5	0.0
Southend	f	fob	32	47	0.3	–	4.7	6.3
Ilfracombe	cbcf	bcf	39	47	–	–	1.1	9.0
Bude	bcb	b3	38	53	–	–	9.0	9.4
Penzance	b	bcb	40	55	–	–	6.7	7.7
Paignton	ogmw	oemcb	38	51	–	–	6.2	8.0
Torquay	offb	bm	36	52	–	–	6.4	7.3
Jersey	bfb	b	37	53	–	–	9.0	6.3
Weymouth	fb	b	32	55	0.1	–	8.9	8.8
Bournemouth	b	b	28	55	–	–	8.3	9.0
Ventnor	xb3	b3	40	52	–	–	8.8	8.0
Portsmouth (S'thsea)	fb	bm	31	53	–	–	8.0	8.8
Bognor	b	b	34	51	–	–	8.9	8.1
Littlehampton	b	b	33	51	–	–	9.0	8.0
Worthing	b	b	32	53	–	–	8.3	7.7
Brighton	fb	b	33	51	–	–	6.9	7.1
Eastbourne‡	fmb	mfbm	31	48	–	–	6.8	8.0
Hastings‡	xmb	b	36	50	0.1	–	8.2	6.0
Folkestone	xbmb	fbfbm	34	45	–	–	5.3	6.5
Dover	fecbc	cifcb	31	44	trace	–	5.4	6.5
Tunbridge Wells	bmb	bm	26	55	–	–	7.8	6.5
Ramsgate	ofcfe	ofcfe	33	40	0.2	trace	0.0	3.5
Margate	cbcf	bc	35	42	trace	–	3.0	4.5
Deal	f	ocof	31	40	–	–	0.0	0.7

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

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B24200. Friday 24th February 1928. Page 1.

Observations at 18h. 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	Upper Form.	Total Amt. 0–10	State of ground.
Lerwick	1034·1	-3	S'E	2	b	45	85	8	4000	Cu	2	-	2	•
Stornoway	1029·7	-4	-	0	bc+	46	75	7	-	-	0	ACu	6	•
Wick	1032·4	-3	SSW	3	bc	42	97	8	2500	StCu	4	CiSt	6	•
Tiree	1025·0	-3	S'E	6	bc	45	75	7	-	-	0	Ci	3	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1034·8	-2	SSE	3	c	42	85	7	2500	Cu	9	-	9	1
Malin Head	1027·9	-3	S	4	c	44	97	6	1500	St	8	ASt	10	•
Renfrew	1031·8	-5	E	4	c	44	75	6	2500	Cu	4	CiSt	10	1
Edinburgh (Inchkeith)	1032·4	-3	E	3	bc-	44	85	8	-	-	8	ACu	7	•
Leuchars	1033·8	-4	ESE	3	c	43	75	8	4000	StCu	8	-	8	1
Eskdalemuir	1031·9	-4	NE'N	4	c	41	85	7	1500	StCu	10	-	10	1
Tynemouth	1033·0	-2	ENE	2	ojp	40	92	6	1500	Nb	10	-	10	•
Blacksod Point	1024·5	-3	SE	4	bc	45	85	6	*	StCu	7	-	7	•
Donaghadee	1029·3	-4	SE	4	c+	43	92	7	2500	StCu	5	ASt	9	•
Birr Castle	1026·5	•	E	2	c	47	85	6	1500	Cu	2	ASt	9	•
Holyhead	1028·6	-4	NE'E	2	bc	49	85	6	~~5700~~	StCu	1	CiSt	5	1
Liverpool (Bidston)	1030·4	-3	E	3	o	45	85	5	2500	St	10	-	10	•
Chester (Sealand)	1030·2	-3	SE'E	3	mmo	46	92	4	800	St	10	-	10	2
Harrogate	1032·1	-2	N	2	ffo	41	97	2	<150	St	10	-	10	•
Spurn Head	1031·3	-1	E	3	FFo	41	97	1	<150	St	10	-	10	•
Birmingham (Edgbaston)	1030·9	-3	E	3	fc-	44	92	4	1500	Nb	8	-	8	2
Cranwell	1032·1	-2	NNE	1	ffo	44	97	3	450	St	10	-	10	1
Gorleston	1031·4	-3	E'N	1	ffo	42	97	2	450	St	10	-	10	•
Valentia (Cahirciveen)	1023·1	-5	E	3	c	52	65	8	4000	StCu	3	CiSt	8	0
Roches Point	1025·4	-3	ESE	3	c	48	85	6	800	StCu	10	-	10	•
Pembroke (St. Ann's H.)	1027·2	-1	E	5	c+	46	85	6	800	St	3	CiSt	8	•
Ross-on-Wye	1029·7	-3	ENE	2	o	45	85	5	800	St	10	-	10	1
Leafield	1030·0 6	-2	ENE	3	c	43	~~85~~ 92	7	4000	StCu	10	-	10	1
Winchester (Worthy Dn.)	1029·9	-4	NE	3	c-	41	97	5	800	St	8	-	8	1
S. Farnborough	1029·8	-4	ENE	2	ffo	40	97	2	<150	St	10	-	10	5
London (Kew Obsy.)	1030·5	-3	ENE	3	ffo	42	92	3	<150	St	10	-	10	1
Croydon	1030·5	-3	ENE	2	fo-	40	97	4	220	St	10	-	10	1
Shoeburyness	1030·7	-3	NE	3	o	44	92	6	2500	St	10	-	10	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1031·6	-3	NE	2	imo	42	97	4	800	St	10	-	10	1
Lympne	1029·7	-4	ENE	3	b	45	75	6	-	-	0	-	0	1.
Scilly (St. Mary's)	1024·1	-3	E	4 ~~5~~	b	51	85	6	-	-	0	Ci	2	•
Falmouth (Pendennis)	1025·1	-2	E	6	bc	49	85	6	4000	Cu	3	-	3	•
Plymouth (Cattewater)	1026·3	-4	E	5	b	48	65	7	-	-	0	Ci	2	1
Portland Bill	1027·4	-3	ENE	4	b	45	85	5	800	St	2	-	2	•
Southampton (Calshot)	~~1028·2~~	-4	ENE	4	b	46	75	6	-	-	0	-	0	0
Dungeness	1030·3	-4	E	4	b	46	85	6	-	-	0	-	0	•
Guernsey (Fort George)	1026·1	-3	E	3	b+	50	65	5	-	-	0	Ci	1	•

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	Upper Form.	Total Amt. 0–10	Sea. 0–9
Lerwick	1032·6	-2	SE	2	bc	43	85	8	4000	Cu	3	CiSt	4	•
Stornoway	1025·7	-3	SW	1	c+	45	75	7	4000	StCu	10	-	10	0
Wick	1030·1	-2	SSE	4	c	40	97	8	1500	St	6	ASt	10	3
Tiree	1025·8	-5	SE	4	o	44	92	7	1500	St	10	-	10	4
Nairn	1028·3	•	-	0	bc+	36	92	8	1500	StCu	7	-	7	•
Aberdeen	1032·1	-1	SSE	4	c	40	85	6	2500	StCu	10	-	10	0
Malin Head	1023·3	-5	SSE	5	bc-	44	97	5	5700	StCu	3	CiCu	6	2
Renfrew	1028·7	-3	ENE	4	o+	41	85	5	2500	St	10	-	10	•
Edinburgh (Inchkeith)	1029·5	-3	E	3	o	39	85	8	800	St	10	-	10	1
Leuchars	1030·8	-3	SE	2	c	40	75	7	1500	StCu	10	-	10	•
Eskdalemuir	1029·2	-3	NE'E	4	c	37	85	7	1500	StCu	10	-	10	•
Tynemouth	1030·4	-1	ENE	2	o	41	92	6	1500	Nb	10	-	10	2
Blacksod Point	1020·8	-2	SE	4	bc	47	85	6	•	StCu	7	-	7	2
Donaghadee	1026·4	-3	SE	4	c+	43	92	7	2500	StCu	5	ASt	8	3
Birr Castle	1022·3	•	SE	2	c	47	75	6	-	-	0	ASt	9	•
Holyhead	1025·2	-3	E'S	1	bc	44	97	6	-	-	0	CiSt	7	0
Liverpool (Bidston)	1027·5	-2	E	3	c+	44	92	5	800	St	6	ASt	10	•
Chester (Sealand)	1027·1	-3	SE	3	c	46	85	5	2500	StCu	9	-	9	•
Harrogate	1029·9	-1	NE	2	odd	41	97	1	<150	St	10	-	10	•
Spurn Head	1029·3	-1	ESE	3	odo	41	97	5	450	St	10	-	10	1
Birmingham (Edgbaston)	1028·3	-2	ESE	2	c°	45	85	5	2500	StCu	9	-	9	•
Cranwell	1030·1	-1	E	2	FFo	43	97	1	<150	St	10	-	10	•
Gorleston	1030·2	-1	SE'E	3	o	40	92	5	1500	Nb	10	-	10	0
Valentia (Cahirciveen)	1020·1	-2	ESE	4	bc	48	65	8	4000	StCu	2	CiCu	7	3
Roches Point	1022·3	-3	ESE	3	bc	46	85	6	800	St	3	CiCu	5	1
Pembroke (St. Ann's H.)	1024·3	-2	E	5	bc-	44	92	6	800	St	2	CiSt	5	0
Ross-on-Wye	1026·9	-3	E'N	2	c	45	85	6	1500	StCu	10	-	10	•
Leafield	1028·2	-2	E'S	2	c	43	85	6	4000	StCu	10	-	10	•
Winchester (Worthy Dn.)	1027·1	-2	NNE	2	b-	39	92	5	-	-	0	-	0	•
S. Farnborough	1027·4	-3	ENE	3	fb-	40	85	4	-	-	0	ASt	2	•
London (Kew Obsy.)	1028·2	-2	E	4	c	42	85	5	1500	StCu	9	-	9	•
Croydon	1028·4	-1	NE'E	3	c+	40	92	5	800	St	8	ASt	10	•
Shoeburyness	1029·3	-1	E'N	4	o	41	92	6	1500	St	10	-	10	•
Clacton-on-Sea	1029·4	-2	E	4	o	41	92	6	2500	St	10	-	10	2
Felixstowe	1029·6	-2	E	2	c	41	85	5	1500	St	10	-	10	0
Lympne	1028·3	0	NE'E	5	mmo	38	97	4	800	St	10	-	10	•
Scilly (St. Mary's)	1020·0	-4	E	5	bc	49	92	6	4000	StCu	2	Ci	4	4
Falmouth (Pendennis)	1022·3	-3	E	7	c+	46	85	6	4000	Cu	2	CiSt	8	4
Plymouth (Cattewater)	1023·3	-3	E	5	b	45	65	6	-	-	0	Ci	1	0
Portland Bill	1024·3	-3	ENE	4	b-	46	75	6	1500	St	<1	ACu	1	4
Southampton (Calshot)	1026·1	-3	NE	3	b	43	85	6	-	-	0	-	0	0
Dungeness	1027·9	-3	ENE	4	mc+	40	97	4	450	St	8	-	8	4
Guernsey (Fort George)	1024·1	-2	ENE	2	b	47	85	5	-	-	0	Ci	1	1

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 } 24 hours ended 7h.	18	ofe	ofcm	c	45	39	38	Tr.	-	0·0	•	•	5
Croydon } 24 hours ended 7h.	244	ofefef	ommcbc	com.	44	38	34	Tr.	-	0·2	•	•	6
Greenwich (Royal Obsy.)	149	ofm	oc	c.	46	38	36	-	-	0·1	81	84	5
City (Bunhill Row)	80				•		•	•	•	0·0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	46	~~39~~ 40	37	-	-		74	78	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	0·0	•	•	•
Camden Square	110	o	c	•	44	38	37	-	-	•	•	86	•
Kensington Palace	80	o	o	•	45	39	37	-	-	•	{At 18h} 83	73	•
Hampstead Observatory	450	•	•	•	43	34	30	0·3	-	0·0	•	89	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
Defective record			

Kew Observatory			
Max.	Time.	Min.	Time.
1·1	10h 23rd	<0·3	3h 24th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 23rd 18 h 30 m. to 24th 6 h 00 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11·30	Nil	Nil
δ Ursae Minoris	11·30	Nil	Nil

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

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

24th + 25th February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·55 6·53	12·7 12·6	17·19 17·21
Greenwich	7·0 6·58	12·13 12·13	17·28 17·29
Wick	7·28 7·25	12·26 12·26	17·25 17·28
Valentia	7·42 7·40	12·54 12·54	18·8 18·10

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.

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

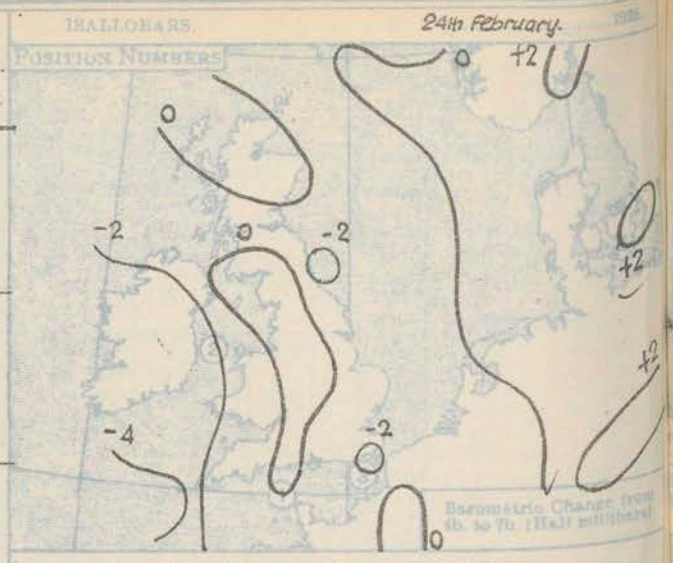
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

	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.-13h. 23rd	WEATHER. 13h.-18h. 23rd	WEATHER. 18h. 23rd to 1h. 24th	WEATHER. 1h.-7h. 24th	TEMPERATURE. MAX. Day 7h.-18h.	TEMPERATURE. MIN. Night 18h.-7h.	TEMPERATURE. MIN. on GRASS	RAINFALL† Day. 7h.-18h. mm.	RAINFALL† Day. 7h.-18h. began	RAINFALL† Night. 18h.-7h. mm.	RAINFALL† Night. 18h.-7h. began	SUN 23rd Hours.
Lerwick	b	bbc	c	c	46	40	.	-	-	-	-	7.9
Stornoway	c	c	c	cbcb	48	37	.	-	-	-	-	6.3
Wick	b.bc	c	c	b-bc	43	39	.	-	-	-	-	.
Tiree	bc	co	co	cbc	45	40	37	-	-	-	-	3.8
Nairn	bcfe	bc	bcx	bc	38	31	.	0.1	<8.00	-	-	1.0
Aberdeen	bcfccfc	cm	cm	cmm	42	39	38	-	-	-	-	0.8
Malin Head	bccz	czbcm	bcbw	bbczz	44	40	.	-	-	-	-	0.2
Renfrew	cm	coz	ocz	czm	44	38	38	-	-	Trace	6.30	2.8
Edinburgh (Inchkeith)	c	c	c	bc(w)	45	37	30	-	-	Trace	-	5.5
Leuchars	cxmc	c	c	c cm	45	38	34	-	-	-	-	2.7
Eskdalemuir	bcc	c	c	cbc	41	36	36	-	-	-	-	0.9
Tynemouth	oid	o	bid,m	o	41	40	37	0.1	<8.00	0.1	<21.00	.
Blacksod Point ...	c	c	c	c	48	42	.	-	-	-	-	.
Donaghadee	bcc	cdc	cz	bcaz	45	42	.	-	-	-	-	.
Birr Castle	cm	cm	cm	cm	50	40	35	-	-	-	-	1.3
Holyhead	omcbf	bccm	bmw	bmx	50	37	30	-	-	Trace	-	5.3
Liverpool (Bidston) ...	odf	cmbm	com	o	46	39	38	Trace	<8.00	-	-	0.2
Chester (Sealand) ...	ddoff	cm	com	om	47	40	37	0.1	<8.00	-	-	0.0
Harrogate	offd	offdd	offd,dro	o	41	36	35	0.2	<8.00	1	<21.00	0.0
Spurn Head	Ffof	fomdd	o	c	43	37	.	0.3	<8.00	Trace	<21.00	0.0
Birmingham (Edgbaston)	cfd	mc	c	c	45	36	36	Trace	11.00	-	-	0.0
Cranwell	fefe	omFe	OFedd	o	45	35	34	Trace	-	0.5	<21.00	0.0
Gorleston	iFfoe	ffcem	omcqu	oc	42	36	35	Trace	-	-	-	0.0
Valentia (Cahirciveen)	cbcc	cybc	bc	bcco	52	45	43	-	-	-	-	3.0
Roches Point	cz	bcz	bczb	bcczo	49	45	.	-	-	-	-	.
Pembroke (St. Ann's H.)	bcm	cbcm	bm	bm	47	39	.	-	-	-	-	6.4
Ross-on-Wye	Fefom	oc	com	om	46	39	37	-	-	-	-	0.0
Leafield	fc	c	o	o	44	36	36	0.1	-	-	-	0.0
Winchester (Worthy Dn.)	oFFm	cbcbm	bbccm	cm	44	35	29	-	-	-	-	1.1
S. Farnborough ...	oFfe	ofombm	bmom	om	42	38	34	Trace	-	-	-	0.2
London (Kew Obsy.) ...	off	ofcm	c	c	45	39	38	Trace	<8.00	-	-	0.0
Croydon	oFefefomcbc		com	ocm	44	38	34	Trace	-	-	-	0.2
Shoeburyness	om	om	om	c	45	38	38	-	-	-	-	0.5
Clacton-on-Sea ...	om	om	om	omc	43	39	37	-	-	-	-	0.0
Felixstowe	om	omcm	cm	cm	43	37	36	Trace	-	-	-	0.1
Lympne	Fbmm	com	om	om	45	36	29	-	-	-	-	6.7
Scilly (St. Mary's) ...	bm	bcm	bm	bm	52	46	.	-	-	-	-	8.4
Falmouth (Pendennis)	bczq	bcczq	bcbzq	bbcmq	49	45	.	-	-	-	-	7.1
Plymouth (Cattewater)	bbcmq	bqz	bqzow	bmqmq	50	42	38	-	-	-	-	8.2
Portland Bill	bm	bz	bz	bcz	47	41	.	-	-	-	-	.
Southampton (Calshot)	bm	bm	bom	om	48	37	33	Trace	-	-	-	8.2
Dungeness	offmbz	bbcmcm	mz	bzcz	46	37	.	-	-	-	-	.
Guernsey	bmo	bm	bmm	bbcomf	50	43	.	-	-	-	-	9.2



Observations from Cross Channel Steamers.

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.	Visibility.
2	23rd 10h	Scotia	E	3	c	47	46	6
1	" 12h	Reindeer	E	4	fo-	50	49	6
3	24th 2h	Brighton	ENE	4	bc	40	49	7

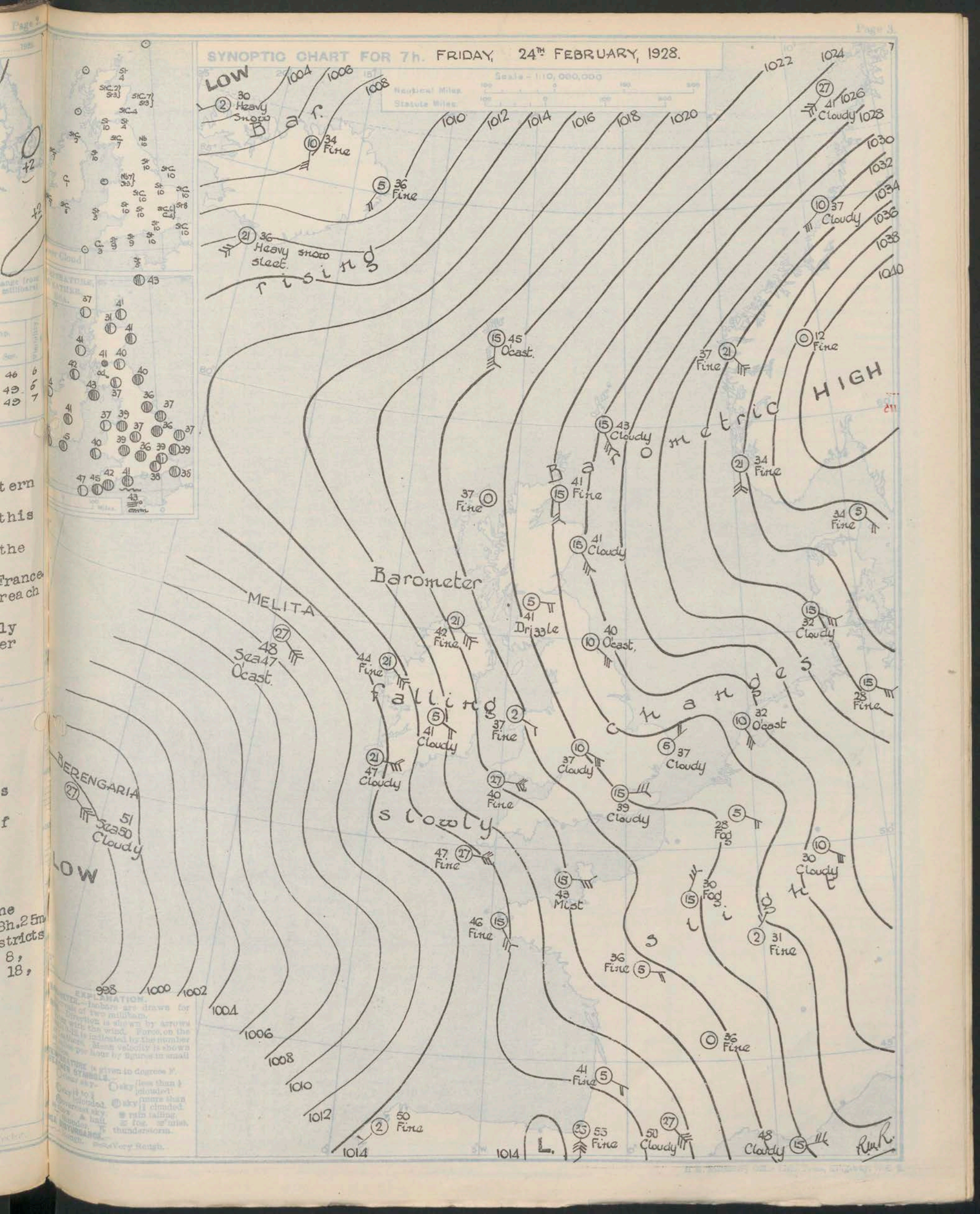
GENERAL INFERENCE.

While an anticyclone continues to cover most of Europe, pressure on the eastern part of the North Atlantic remains relatively low. In this low pressure area a deep depression will develop to the northeast of the Azores and probably move eastwards to France. Winds will be easterly and reach gale force in southern and western districts with mainly fair but less settled weather than of late.

Districts — Forecasts for the 24 hours commencing 15 h. G.M.T. — Friday, 24th February, 1928. — Further Outlook.

Districts	Forecast	Further Outlook
1. S.E. England ♠ 2. E. England 3. E. Midlands 4. W. Midlands	Southeasterly to easterly winds, moderate to strong, approaching a gale at times; mainly cloudy, local drizzle later, perhaps followed by sleet or snow showers locally; much colder than of late.	Becoming generally less settled and colder than of late.
5. S.W. England ♠ 6. South Wales ♠	Southeasterly to easterly winds, approaching a gale at times locally; local drizzle; colder than of late.	
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 ♠	Southeasterly to easterly winds, moderate, freshening; bright intervals locally but becoming less settled, with perhaps sleet or snow at times on hills; rather cold with night frost in places.	♠ North Cone hoisted at 8h.25m today in districts 1, 5, 6, 7, 8, 12, 16, 17, 18, 19 and 20.
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 ♠	Variable winds, probably freshening considerably from S.E.; fine at first, occasional rain or sleet later, snow on high ground; rather cold, ground frost locally at night.	
19. S.E. Ireland ♠ 20. S.W. Ireland ♠	As 5.	

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


SYNOPTIC CHART FOR 7h. FRIDAY, 24TH FEBRUARY, 1928.
LOW
Barometer rising
Barometer falling slowly
Barometric gradients
HIGH
MELITA
BERENGARIA
L.
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
1038
1040
998
1000
1002

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Friday 24th February....., 1928. No. 55.....

Stations.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 24th													Observations at 7h. G.M.T. 24th													
		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	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	1030·0	-2	SE	3	c	42	85	8	-	-	0	Ast	10	1028·2	0	SE	4	c	43	92	8	-	-	0	Ast	10	•
Stornoway	30	1024·0	-2	S	1	c	•	•	6	•	•	•	•	10	1023·3	0	-	0	b-	37	85	6	-	-	0	Acu	1	0
Wick	81	1027·8	-2	S	4	bc	41	97	8	1500	St	3	Ast	5	1025·7	-1	S	4	bc	41	92	8	1500	St	4	Ci St	6	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1022·7	-1	SE	6	b	41	85	7	-	-	0	Ci	2	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·7	•	SE	1	bc	31	85	8	1500	St	5	-	5	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·6	0	SSE	4	c	41	85	6	1500	Stu	10	-	10	0
Malin Head	51	1021·9	-2	SSE	5	b	43	97	6	5700	Stu	2	-	2	1020·1	-1	SE	5	bc	42	97	6	5700	Stu	2	CiCu	4	2
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·5	0	E	2	ob	41	92	4	800	St	10	-	10	•
Edinburgh (Inchkeith)	190	1027·3	-2	E	2	c	40	85	8	800	St	5	Ast	10	1025·5	-2	ESE	2	bc	40	92	7	800	St	4	Acu	6	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·3	0	ESE	2	c	39	92	6	2500	Stu	4	Ast	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·0	0	E	2	bc-	37	85	7	800	Stu	7	-	7	
Tynemouth	67	1028·4	-1	SSE	3	old	41	92	6	1500	Nb	10	-	10	1026·7	-2	SE	3	o	40	85	7	1500	Nb	10	-	10	2
Blacksod Point	18	1018·4	-2	SE	4	bc	44	85	7	•	Stu	7	-	7	1015·7	-3	SE	5	bc	44	75	6	•	Stu	7	-	7	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·3	+1	SE	4	o+	43	92	6	1500	St	10	-	10	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·8	•	SE	2	c	41	85	6	1500	Cu	1	Ast	9	•
Holyhead	26	1022·8	-2	ES	2	b	41	97	6	-	-	0	-	0	1021·4	-1	SEE	1	b	37	97	6	-	-	0	Ci	1	0
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·4	0	SEE	4	o	39	85	7	1500	Nb	10	-	10	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·3	0	SE	5	o	40	85	6	800	St	10	-	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·3	-1	SEE	2	o	36	92	5	4150	St	10	-	10	•
Spurn Head	29	1027·7	0	ESE	4	o	40	85	6	2500	St	10	-	10	1028·7	-1	EN	4	c	37	85	7	4000	Stu	10	-	10	•
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·8	0	ESE	3	c	37	85	6	2500	Stu	10	-	10	•
Cranwell	236	1028·2	-2	ES	3	o	39	97	6	800	St	10	-	10	1027·8	0	E	2	o	36	92	6	800	St	10	-	10	
Gorleston	14	1027·8	-3	ENE	4	o	39	97	7	1500	Nb	10	-	10	1025·8	-1	NEE	2	c	37	85	6	2500	Stu	10	-	10	0
Valentia (Cahirciveen)P	36	1016·1	-3	SSE	3	b	45	97	8	-	St	2	-	2	1013·4	-2	ES	5	c	47	75	7	2500	Stu	7	Ast	10	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1017·4	-3	SE	4	c	45	92	7	1500	Stu	8	-	8	5
Pembroke (St. Ann's H.)	150	1021·6	-1	E	5	b+	42	92	5	450	St	2	-	2	1020·1	-2	E	6	bc+	40	92	5	800	St	3	Acu	5	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·0	-1	E	2	o	39	85	6	800	St	10	-	10	•
Leafield	812	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·0	0	E	4	o	36	92	7	2500	St	10	-	10	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·2	0	NEE	2	c-	36	85	6	1500	Stu	8	-	8	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1023·3	0	EN	3	o	38	85	6	800	St	10	-	10	•
London (Kew Obsy.)	18	•	•	•	•	•	41	•	•	•	•	•	•	•	1024·8	-1	E	4	c	39	85	5	1500	Stu	10	-	10	•
Croydon	244	1025·8	-2	EN	3	o	39	85	6	450	St	10	-	10	1025·1	-1	NEE	3	c	38	92	6	1500	Stu	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·5	-1	ENE	3	c	39	92	6	2500	Stu	10	-	10	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·4	-1	E	4	c	39	85	7	4000	St	8	-	8	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·9	-1	EN	2	c	37	85	6	2500	Stu	10	-	10	0
Lympne	350	1025·4	-2	NE	4	o	37	85	5	800	St	10	-	10	1024·1	-1	NE	4	o	37	85	6	800	St	10	-	10	•
Scilly (St. Mary's)	163	1017·8	-2	E	5	b	47	92	6	-	-	0	-	0	1014·6	-4	E	6	b	47	92	6	-	-	0	Ci	1	4
Falmouth (Pendennis)	200	1018·6	-2	E	7	b	46	85	6	-	-	0	-	0	1016·7	-1	E	8	bc	45	92	6	4000	Cu	3	CiSt	6	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1013·6	0	E	5	c+	42	85	6	800	St	9	-	9	1
Portland Bill	32	1022·1	-2	ENE	5	b	42	85	8	800	St	1	-	1	1020·2	0	ENE	6	c	41	85	6	1500	St	9	-	9	6
Southampton (Calshot)	10	1024·6	-2	ENE	3	o+	38	92	6	1500	St	10	-	10	1023·4	-1	E	5	o	38	85	6	1500	St	10	-	10	0
Dungeness	20	1025·3	-2	ENE	4	o+	38	97	6	800	St	10	-	10	1024·0	-2	E	5	c	38	97	6	1500	Stu	10	-	10	5
Guernsey (Fort George)P	295	1021·8	-1	ENE	1	b-	46	75	6	-	-	0	-	0	1020·3	-1	E	4	mc	43	92	4	800	St	5	CiSt	7	3

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 22nd to 9h. 23rd	Temperature. Max. 9h.-17h. 23rd	Rainfall.† Night 17h.-9h. 22nd-23rd	Rainfall.† Day 9h.-17h. 23rd	Sunshine. Sunrise to 17h. 23rd	Sunshine. Sunrise to Sunset. 22nd
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			°F	°F	mm.	mm.	hr.	hr.
Berwick-on-Tweed	cr.	c	38	43	-	trace	0.5	5.3
Douglas (I. o. M.)	o	o	39	45	trace	-	0.0	8.3
Llandudno	c	c	38	49	-	-	0.7	3.7
Colwyn Bay	bbco	oco	39	48	-	-	0.0	0.7
Rhyl	o	o	37	48	-	-	0.0	5.4
Wallasey	fodo	cbcc	40	48	-	trace	0.7	3.7
Southport	doc	cbcc	*37	48	-	trace	1.5	1.3
Blackpool	oc	cbcc	38	48	-	-	3.2	3.1
Ilkley	odo	o	39	43	1	trace	0.0	0.7
Cleethorpes	obo	dm	41	43	1/4	0.6	0.0	3.1
Skegness	bcof	ddf	34	44	1	0.2	0.0	4.1
Aberystwyth	cbc	bc	41	51	-	-	6.9	0.3
Bath	fmc	bcbm	32	47	-	-	1.3	8.7
Cheltenham‖	ome	o	31	47	-	-	0.0	6.7
Leamington Spa	o	o	38	47	-	-	0.0	4.5
Lowestoft	fo	o	36	41	trace	-	0.0	7.9
Felixstowe	bcm	cucm	33	42	trace	-	0.1	3.6
Harwich & Dovercourt	cfbc	ocm	36	43	trace	trace	0.2	6.5
Southend	obc	o3	32	44	0.2	-	0.5	4.7
Ilfracombe	bcb	b	40	46	-	-	7.1	1.1
Bude	wbbcb	bcb	40	53	-	-	7.4	9.1
Penzance	b	b	43	52	-	-	7.1	6.7
Paignton	owm	cbmb3	37	47	-	-	5.9	6.3
Torquay	cmcb	mbm	37	48	-	-	6.5	6.4
Jersey	b	b	39	55	-	-	8.2	8.3
Weymouth	fb	b	36	48	trace	-	8.8	8.9
Bournemouth	mb	bm	31	49	-	-	8.0	8.3
Ventnor	xbbc	3b3	41	52	-	-	7.5	8.8
Portsmouth (S'thsea)	b	b	36	50	-	-	8.4	8.0
Bognor	b	b	34	48	-	-	8.8	8.9
Littlehampton	b	bm	33	49	-	-	8.3	9.0
Worthing	b	b	34	50	-	-	8.0	8.3
Brighton	fbcb	b	34	52	-	-	7.7	8.6
Eastbourne‖	b	bm	32	46	-	-	7.1	6.3
Hastings‖	fcbc	bbc	33	47	trace	-	7.3	8.2
Folkestone	xfbcm	bcmom	35	45	trace	-	7.0	5.3
Dover	mbcc	bcom	33	46	trace	-	4.9	5.4
Tunbridge Wells	ofm	bcb	30	49	trace	-	4.6	7.8
Ramsgate	bbc	oco	36	44	0.1	-	3.7	7.0
Margate	bc	bcc	36	45	-	-	3.3	3.0
Deal	bc	co	30	44	-	-	3.7	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. B24201. Saturday 25th February 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	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	State of ground.	Sun. 0-8
Lerwick	1028.6	0	S	3	c	42	75	8	5700	StCu	5	A.St	10	*	*
Stornoway	1022.8	-1	SE	2	bc+	45	75	7	-	-	0	A.Cu	5	*	0
Wick	1026.8	-1	SSE	5	c	40	92	8	1500	StCu	6	A.St	8	*	4
Tiree	1022.1	0	SE	6	o	45	85	7	1500	St	10	-	10	0	4
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	1028.3	-1	SSE	4	c	39	75	6	1500	StCu	10	-	10	1	1
Malin Head	1020.3	0	ESE	5	c+	45	85	6	5700	StCu	3	A.Cu	8	*	*
Renfrew	1025.2	-1	ESE	3	c	42	75	6	2500	St	10	-	10	1	*
Edinburgh (Inchkeith)	1025.9	0	E	3	o	38	85	8	800	St	10	-	10	*	1
Leuchars	1027.3	-1	SE	3	c	39	85	6	1500	St	10	-	10	1	*
Eskdalemuir	1025.6	-1	E'S	4	o	36	85	6	1500	St	10	-	10	1	*
Tynemouth	1027.0	-1	SE	2	o	38	85	7	1500	Nb	10	-	10	*	2
Blacksod Point	1015.1	0	SE	4	bc	48	75	7	*	StCu	7	-	7	*	2
Donaghadee	1022.8	-1	SE	4	bc+	43	75	6	1500	St	4	A.St	7	*	4
Birr Castle	1017.6	*	SE	2	bc-	46	75	7	2500	Cu	5	Ci	7	*	*
Holyhead	1020.8	-1	E'N	3	c⊕	47	85	6	-	-	0	Ci.St	9	1	2
Liverpool (Bidston)	1023.8	-1	SE'E	4	o	39	75	6	1500	St	10	-	10	*	*
Chester (Sealand)	1023.7	-2	SE	5	o	40	75	6	1500	St	10	-	10	1	*
Harrogate	1026.3	-1	SE'E	1	o	35	85	5	2500	St	10	-	10	*	*
Spurn Head	1026.1	0	SE'E	2	o	39	85	6	4000	St	10	-	10	*	*
Birmingham (Edgbaston)	1025.1	-1	ESE	3	c	36	75	5	2500	StCu	8	-	8	2	1
Manwell	1027.2	-1	SE'E	1	o	37	85	6	1500	St	10	-	10	1	*
Morleston	1025.8	+1	SE'E	1	c	39	75	6	-	-	0	A.St	10	*	0
Valentia (Cahirciveen)	1013.7	0	ESE	5	c	50	75	7	1500	StCu	10	-	10	0	3
Roches Point	1017.6	+1	SE	4	c	46	85	7	1500	StCu	10	-	10	*	5
Pembroke (St. Ann's H.)	1019.1	-3	E	6	bc	45	85	5	800	St	3	A.Cu	5	*	4
Ross-on-Wye	1022.8	-1	E	3	c	42	75	6	2500	StCu	9	-	9	1	*
Leafield	1024.7	-1	E	3	o	37	92	6	2500	St	10	-	10	1	*
Winchester (Worthy Dn.)	1023.1	-1	ENE	3	b-	45	65	7	-	-	0	Ci	2	1	*
S. Farnborough	1023.5	0	ENE	3	b-	45	65	6	2500	StCu	1	-	1	0	*
London (Kew Obsy.)	1024.4	-1	ENE	4	bc-	41	85	5	2500	StCu	6	-	6	1	*
Croydon	1024.0	-2	NE	4	bc-	43	75	6	1500	StCu	3	-	3	1	*
Shoeburyness	1025.3	-1	E'N	2	c	41	92	7	2500	StCu	9	-	9	*	*
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1025.7	-2	NE'E	3	c	41	85	6	1500	St	10	-	10	1	1
Lympne	1024.4	-1	NE	4	c	40	85	5	800	Cu	8	-	8	1	*
Scilly (St. Mary's)	1015.2	+1	E'S	7	bc	50	92	5	-	-	0	A.Cu	4	*	5
Falmouth (Pendennis)	1018.0	+2	E	8	c	46	85	4	1500	St	8	-	8	*	6
Plymouth (Cattewater)	1019.1	-2	E	6	c-	44	85	6	1500	St	8	A.St	9	1	3
Portland Bill	1020.9	0	ENE	6	o	43	85	6	1500	St	10	-	10	*	6
Southampton (Calshot)	1022.7	-1	ESE	5	b-	43	85	6	-	-	0	Ci.St	1	0	3
Dungeness	1024.0	-2	E	5	o/m	41	92	6	220	St	10	-	10	*	4
Guernsey (Fort George)	1019.6	-1	E'S	3	bc+	48	75	5	-	-	0	Ci.St	3	*	3

Observations at 18h. G.M.T. 24th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form	Cloud. Total Amt. 0-10	Sun. 0-8
Lerwick	1027.5	-2	S	3	c	41	85	8	-	-	0	A.St	10	*
Stornoway	1021.9	0	-	0	o+	39	85	6	2500	St	10	-	10	0
Wick	1025.4	+1	SSE	4	c	39	85	8	1500	St	5	A.St	10	4
Tiree	1021.6	0	SSE	6	bc	42	85	8	1500	St	3	Ci	4	4
Nairn	1023.8	*	E	1	c+	39	85	7	1500	St	8	-	8	*
Aberdeen	1026.6	-2	SSE	3	c	39	85	6	1500	St	8	A.St	10	1
Malin Head	1019.9	0	E'S	4	bc	42	92	6	5700	StCu	4	Ci.Cu	6	1
Renfrew	1024.8	0	ESE	3	o	39	85	5	800	St	10	-	10	*
Edinburgh (Inchkeith)	1024.5	-1	E	3	o	37	85	7	800	St	10	-	10	1
Leuchars	1026.0	-1	SSE	2	od	37	85	6	1500	St	10	-	10	*
Eskdalemuir	1025.0	0	ESE	4	o	34	85	6	1500	St	10	-	10	*
Tynemouth	1026.7	-2	S	1	o	38	92	6	1500	Nb	10	-	10	2
Blacksod Point	1015.8	+1	SE	4	c	47	75	6	*	-	0	A.St	10	2
Donaghadee	~~1023.8~~	0	ESE	5	c+	42	75	6	1500	St	6	A.St	9	4
Birr Castle	1017.5	*	SE	2	bc-	45	85	7	-	-	0	(A.Cu)	4	*
Holyhead	1020.6	+1	SE'E	2	bc	42	92	5	-	-	0	Ci.St	5	2
Liverpool (Bidston)	1023.4	0	ESE	5	~~c⊕~~	37	85	5	800	St	10	-	10	*
Chester (Sealand)	1024.0	+1	SE'S	4	o	38	85	6	1500	St	10	-	10	*
Harrogate	1026.2	0	SE'S	1	o	36	85	5	2500	St	10	-	10	*
Spurn Head	1025.4	0	SSE	3	c	39	85	6	4000	StCu	10	-	10	1
Birmingham (Edgbaston)	1025.3	0	ESE	3	c	36	85	6	2500	StCu	9	-	9	*
Manwell	1026.9	0	SE'E	2	o	36	85	6	1500	St	10	-	10	*
Morleston	1026.0	0	ESE	2	c	38	85	6	5700	StCu	10	-	10	0
Valentia (Cahirciveen)	1014.4	+2	E'S	4	c	51	75	7	1500	St	7	A.Cu	8	3
Roches Point	1017.4	0	ESE	4	o	46	92	7	800	St	10	-	10	5
Pembroke (St. Ann's H.)	1019.1	+1	E	5	bc	44	92	5	800	St	3	A.St	5	4
Ross-on-Wye	1023.7	+1	E'N	2	bc	38	85	5	1500	St	5	-	5	*
Leafield	1024.6	+1	ENE	2	b	35	85	6	-	-	0	Ci	2	*
Winchester (Worthy Dn.)	1023.3	+1	NE	3	b	40	85	6	-	-	0	-	0	*
S. Farnborough	1023.7	+2	ENE	3	b	38	85	5	-	-	0	-	0	*
London (Kew Obsy.)	1024.4	+1	E	3	mmb	39	85	4	-	-	0	-	0	*
Croydon	1024.6	+2	NE'E	3	b-	37	92	6	-	-	0	A.St	2	*
Shoeburyness	1025.7	0	E'N	4	c	39	92	7	1500	StCu	9	-	9	*
Clacton-on-Sea	1027.7	+1	ENE	4	c	40	85	6	5700	StCu	8	-	8	2
Felixstowe	1026.4	+1	E'N	3	c	39	85	5	1500	StCu	8	A.St	10	1
Lympne	1024.9	+1	NE'E	5	mmo	36	97	4	800	St	10	-	10	*
Scilly (St. Mary's)	1015.7	+1	ESE	5	b	48	97	5	-	-	0	Ci	1	5
Falmouth (Pendennis)	1017.5	+1	E	8	bc	46	92	6	1500	St	5	Ci.St	6	6
Plymouth (Cattewater)	1019.5	+1	E	6	bc	43	85	6	1500	St	1	Ci.St	5	3
Portland Bill	1020.6	+1	E	6	c-	44	85	6	1500	St	7	A.St	9	6
Southampton (Calshot)	1022.2	+1	E'S	4	b-	43	85	6	-	-	0	Ci.St	2	3
Dungeness	1024.5	+2	ENE	5	c+	40	97	5	450	St	8	-	8	4
Guernsey (Fort George)	1020.4	+2	E	4	bc	46	85	5	-	-	0	Ci.St	3	3

1022.8

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. 18h. G.M.T. % (Yesterday)	Humidity. 9h. G.M.T. % (To-day)	Visibility.§
Kew } 24 hours ended 7h.	18	cbcm.	bzbm	bmdzff	43	38	35	-	-	2.1	*	*	1
Croydon } 24 hours ended 7h.	244	Cbcm.	bcm,zo	omff	44	30	29	-	Tr.	4.1	*	*	2
Greenwich (Roy. Obsy.)	149	C	cbc	cbff	43	36	33	-	-	1.9	76	100	0
City (Bunhill Row)	80	*	*	*	*	*	*	*	*	1.1	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	44	38	35	-	-	-	75	93	*
Regent's Pk. (Botanic Gdns.)	168	*	*	*	*	*	*	*	*	0.4	*	*	*
Camden Square	110	C	bcbc	*	44	37	35	-	-	*	*	98	*
Kensington Palace	80	oc	C	*	43	38	32	-	-	*	(At 18h) 81	91	*
Hampstead Observatory	450	=	*	*	41	34	30	-	-	2.5	*	98	*

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington

Max.	Time.	Min.	Time.
1.5	10h 24m	0.3	5h 25m

Kew Observatory

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

POLE STAR RECORD at Greenwich Obsy.

Exposure from 24th 18 h. 30 m. to 25th 6 h. 00 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11.30	Nil	Nil
δ Ursae Minoris	11.30	Nil	Nil

CODE FOR STATE OF GROUND.

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

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

25th. & 26th. February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.53 6.51	12.6 12.6	17.21 17.22
Greenwich	6.58 6.56	12.13 12.13	17.29 17.31
Wick	7.25 7.22	12.26 12.25	17.28 17.30
Valentia	7.40 7.38	12.54 12.54	18.10 18.11

BEAUFORT NOTATION OF WEATHER.

b blue sky (not more than a quarter covered with cloud).
bc sky partly cloudy (one half covered).
c generally cloudy
d drizzle. e wet air. g gloomy.
f fog, visibility 200—1000 m.
F thick fog, " less than 200 m.
m mist, " 1000—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.

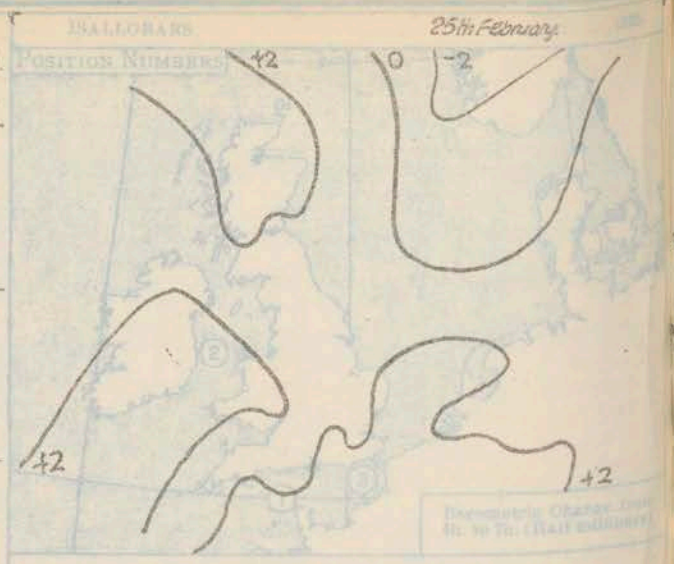
	Objects not visible at 55 yards.
0. Dense fog.	
1. Thick fog.	220 "
2. Fog.	550 "
3. Moderate fog.	1,100 "
4. Mist or haze.	1¼ miles.
5. Poor visibility.	2½ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m.	

† 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. 24th.	13h.-18h. 24th.	18h. 24th. to 1h. 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	cbr	c	c	c	44	40	•	Trace	<8.00	–	–	0.0
Stornoway	bbc	c	b-bc	p	45	32	•	–	–	0.1	–	6.3
Wick	c	c	c	c	42	33	•	–	–	–	–	•
Tiree	bcc	cbc	cbc	co	46	39	36	–	–	–	–	3.3
Nairn	bcc	c	cbcx	bc	43	28	•	–	–	–	–	3.5
Aberdeen	cm	cm	odom	ocbcm	41	34	30	–	–	Trace	21.00	0.1
Malin Head	bczz	cbczz	bcbzz	bbccmm	46	37	•	–	–	–	–	2.7
Renfrew	odmzz	cozq	ogz	obcxm	43	28	22	Trace	<8.00	–	–	0.0
Edinburgh (Inchkeith)	c	c	cbcb	b-bc	41	33	26	–	–	–	–	0.0
Leuchars	codcm	como	odmom	omcxm	40	31	22	Trace	9.00	Trace	21.00	0.0
Eskdalemuir	bcomm	om	om	ommx	37	23	21	–	–	–	–	0.0
Tynemouth	o	o	o	o	40	33	31	–	–	–	–	•
Blacksod Point ...	c	co	o	oc	49	44	•	–	–	–	–	•
Donaghadee	cbcz	bczo	bcim	bcmm	44	39	•	–	–	–	–	•
Birr Castle	cbc	bc	om	bcc	49	41	35	–	–	–	–	3.1
Holyhead	bbcc	cbcm	bmw	bmx	48	36	30	–	–	0.1	–	6.2
Liverpool (Bidston) ...	om	cmow	obco	omom	40	34	33	–	–	–	–	0.0
Chester (Sealand) ...	odmz	oz	ozm	om	40	36	35	Trace	<8.00	–	–	0.0
Harrogate	ocd	o	o	omm	36	32	31	Trace	9.00	–	–	0.0
Spurn Head	o	o	b-bc	bcx	39	35	•	–	–	–	–	0.0
Birmingham (Edgbaston)	c	c	c	cof	37	32	32	–	–	–	–	0.0
Cranwell	om	om	b-bc	bmof	38	29	25	–	–	Trace	–	0.0
Gorleston	c	c	cbcbm	bmx	39	37	31	–	–	–	–	0.0
Valentia (Cahirciveen)	oco	oc	co	ocbc	51	50	47	–	–	–	–	0.5
Roches Point	cz	coz	ozor	odoz	48	46	•	–	–	0.1	22.00	•
Pembroke (St. Ann's H.)	bcm	bcm	bm	bm	45	39	•	–	–	–	–	5.0
Ross-on-Wye	ocbcc	cbcm	bmcom	offe	43	33	28	–	–	–	–	1.8
Leafield	o	obc	bf	ffe	43	32	29	–	–	Trace	–	1.6
Winchester (Worthy Dn.)	cmbcb	bbcbm	bbccmf	off	48	33	28	–	–	–	–	8.4
S. Farnborough ...	ocmbz	bz	bmo	bmoffe	47	34	31	–	–	Trace	–	5.7
London (Kew Obsy.) ...	cbcm	pzbm	bmob	bmfof	43	38	35	–	–	–	–	2.1
Croydon	cbcm	bcmz	omff	ofofe	44	30	29	–	–	Trace	–	4.1
Shoeburyness	c	c	cm	bcf	42	29	26	–	–	–	–	0.3
Clacton-on-Sea ...	c	cm	obcm	bcm	41	37	34	–	–	–	–	0.4
Felixstowe	cm	cbc	cm	bcmbw	41	34	28	–	–	Trace	–	0.1
Lympne	ocm	bcom	ombm	bmx	41	34	30	–	–	–	–	6.4
Scilly (St. Mary's) ...	bbcm	bcbm	bm	bm	51	47	•	–	–	–	–	5.2
Falmouth (Pendennis)	cmq	cbcmq	bcmq	bcmq	47	45	•	–	–	–	–	2.2
Plymouth (Cattewater)	coqm	bbcqm	bcqmo	bwome	45	43	41	–	–	–	–	5.2
Portland Bill	cz	cz	com	omf	44	42	•	–	–	–	–	•
Southampton (Calshot)	obcmbc	bbcbm	obccom	ocbcm	44	36	28	–	–	–	–	5.6
Dungeness	ommcz	czzm	mcfff	scbcb	41	38	•	–	–	–	–	•
Guernsey	cffbcm	bm	bmff	bmm	48	45	•	–	–	–	–	7.4



Observations from Cross Channel Steamers.

Position.	Date. and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea.	Pressure.
2	24th 10h	Scoria	E	3	c	46	45	7
3	25th 2h	Arundel	E	3	bc	41	47	5

GENERAL DEFERENCE.

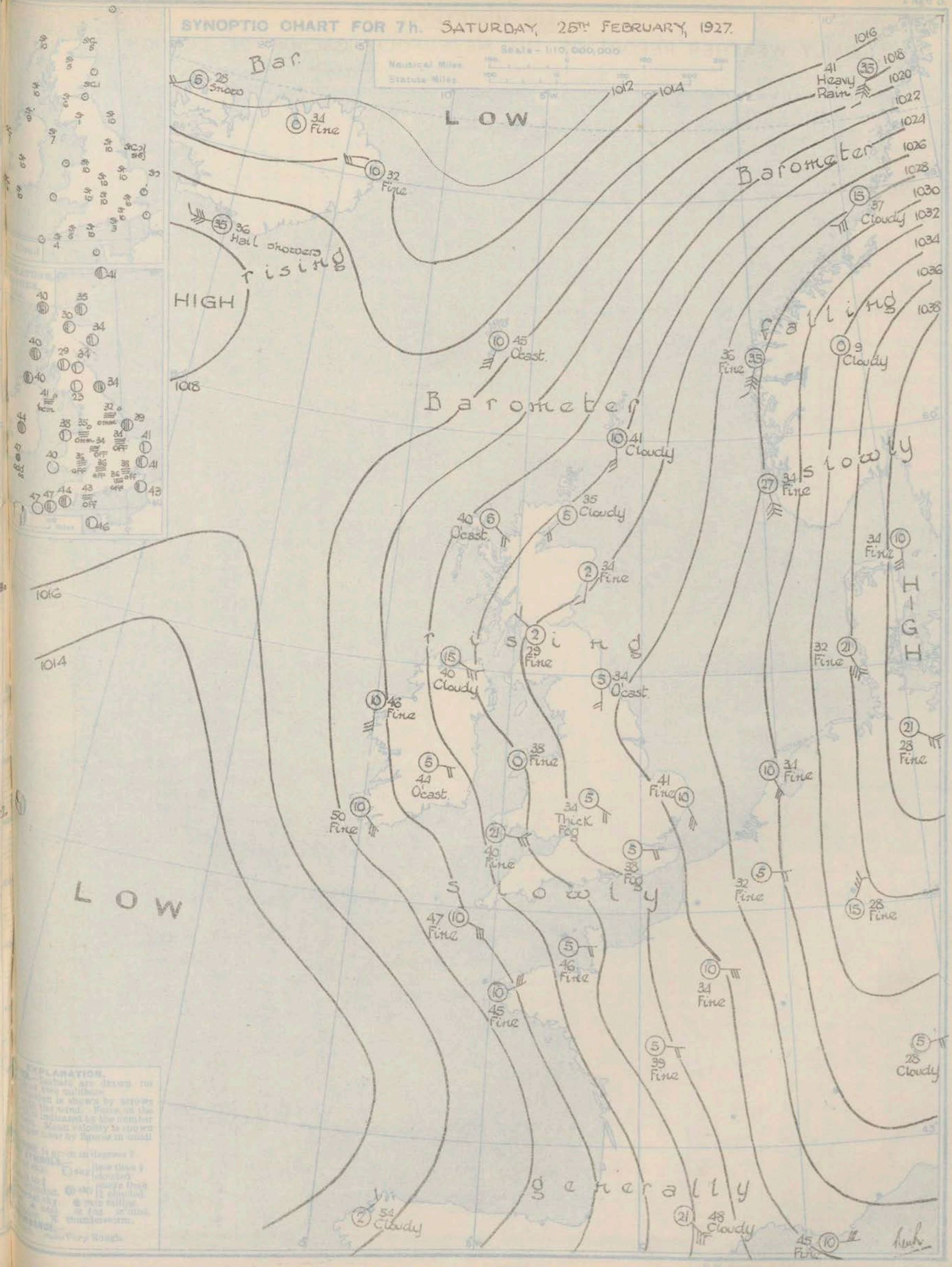
An anticyclone continues to cover most of Europe and an extensive area of low pressure lies on the Atlantic to the west and southwest of the British Isles. Weather will be mainly fair apart from some local drizzle and showers in extreme western districts. Mist or fog will occur locally at night and in the morning.

Districts.	Forecasts for the 24 hours commencing 15 h. G.M.T. Saturday, 25th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Southeasterly winds, fresh locally; mainly fair; local mist or fog, night and morning; moderate day temperature, ground frost at night.	No important change is indicated.
5. S.W. England 6. South Wales 7. North Wales	Southeasterly winds, strong at times; mainly fair at first, local drizzle later; some mist locally; rather mild to moderate temperature, ground frost inland at night.	
8. N.W. England 9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man	As 1 - 4.	
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	Southerly winds, light to moderate, probably freshening; variable skies, occasional local showers; rather mild to moderate temperature, ground frost locally at night.	
19. S.E. Ireland 20. S.W. Ireland	As 5.	

Meteorological Office: Air Ministry, Kingsway, London, W.C.2. Forecasts issued at 0950 G.M.T.

[ ] For cells see page 1.

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


SYNOPTIC CHART FOR 7h. SATURDAY, 25TH FEBRUARY, 1927.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Bar.
LOW
Barometer
rising
HIGH
1018
Barometer
falling
slowly
HIGH
1016
1014
rising
slowly
LOW
generally
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
1038
28 Snow
34 Fine
32 Fine
36 Hail showers
41 Heavy Rain
37 Cloudy
45 O'cast.
41 Cloudy
35 Cloudy
40 O'cast.
34 Fine
29 Fine
40 Cloudy
46 Fine
38 Fine
41 O'cast.
50 Fine
34 Thick Fog
40 Fine
38 Fog
47 Fine
46 Fine
45 Fine
39 Fine
34 Fine
41 Fine
31 Fine
32 Fine
36 Fine
9 Cloudy
34 Fine
32 Fine
23 Fine
28 Fine
28 Cloudy
54 Cloudy
48 Cloudy
45 Fine
EXPLANATION.
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.... Saturday 25th February........., 1928. No. 56....

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	64	1024·6	-4	SE	4	cjp	42	75	7	4000	Nb	5	ASt	10
Stornoway	30	1021·7	0	–	0	b-	*	*	8	*	*	*	*	0
Wick	81	1022·4	-2	SSW	3	c	38	92	8	1500	St	6	ASt	10
Tiree	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Nairn	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Aberdeen	46	*	*	*	*	*	*	*	*	*	*	*	*	*
Malin Head	51	1021·3	+1	SE	4	b	39	92	6	5700	Scu	2	-	2
Renfrew	56	*	*	*	*	*	*	*	*	*	*	*	*	*
Edinburgh (Inchkeith)	190	1024·7	0	ESE	1	b-	35	85	8	1500	St	2	-	2
Leuchars	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Eskdalemuir	794	*	*	*	*	*	*	*	*	*	*	*	*	*
Tynemouth	67	1026·8	0	S	3	o	37	92	7	1500	Nb	10	-	10
Blacksod Point	18	1017·7	+1	SE	4	c	45	85	6	*	-	0	ASt	10
Donaghadee	40	*	*	*	*	*	*	*	*	*	*	*	*	*
Birr Castle	173	*	*	*	*	*	*	*	*	*	*	*	*	*
Holyhead	26	1023·0	+2	SEE	1	b	38	92	5	–	–	0	CiSt	1
Liverpool (Bidston)	189	*	*	*	*	*	*	*	*	*	*	*	*	*
Chester (Sealand)	16	*	*	*	*	*	*	*	*	*	*	*	*	*
Harrogate	478	*	*	*	*	*	*	*	*	*	*	*	*	*
Spurn Head	29	1027·0	0	SW	2	b	36	92	6	–	–	0	–	0
Birmingham (Edgbaston)	535	*	*	*	*	*	*	*	*	*	*	*	*	*
Cranwell	236	1027·5	+2	E	1	b	31	97	6	–	–	0	–	0
Gorleston	14	1026·6	+1	EN	2	b	40	92	6	–	–	0	–	0
Valentia (Cahirciveen)₱	30	1017·3	+2	SE	3	.0)	46	92	6	-	St	10	–	10
Roches Point	22	*	*	*	*	*	*	*	*	*	*	*	*	*
Pembroke (St. Ann's H.)	150	1022·3	+2	ES	6	b	41	97	5	–	–	0	–	0
Ross-on-Wye	223	*	*	*	*	*	*	*	*	*	*	*	*	*
Leafield	612	*	*	*	*	*	*	*	*	*	*	*	*	*
Winchester (Worthy Dn.)	273	*	*	*	*	*	*	*	*	*	*	*	*	*
S. Farnborough	230	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	18	*	*	*	*	*	38	*	*	*	*	*	*	*
Croydon	244	1026·3	+1	ENE	2	SFo	36	97	2	<150	St	10	–	10
Shoeburyness	11	*	*	*	*	*	*	*	*	*	*	*	*	*
Clacton-on-Sea	54	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	15	*	*	*	*	*	*	*	*	*	*	*	*	*
Lympne	350	1025·7	+2	E	3	b	40	85	5	–	–	0	–	0
Scilly (St. Mary's)	163	1018·7	0	ES	3	b	47	97	5	–	–	0	–	0
Falmouth (Pendennis)	200	1020·6	+1	E	6	bc	47	92	6	2500	Scu	5	–	5
Plymouth (Cattewater)	82	*	*	*	*	*	*	*	*	*	*	*	*	*
Portland Bill	52	1022·5	+1	ENE	5	o	44	97	5	800	St	10	–	10
Southampton (Calshot)	10	1024·8	+1	NNE	2	o	37	92	6	800	St	10	–	10
Dungeness	20	1025·8	+3	ESE	1	FC+	44	92	1	220	St	8	–	8
Guernsey (Fort George)₱	205	1023·4	+1	ESE	1	~~[illegible]~~ ifb	46	92	4	–	–	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	1023·2	0	S	3	c	41	97	7	–	–	0	ASt	10	*
Stornoway	1023·2	+2	SE	2	o/r	40	85	6	1500	St	10	–	10	1
Wick	1024·4	+3	SW	2	c	35	92	8	2500	Scu	5	ASt	8	1
Tiree	1023·8	0	SSE	5	o	40	97	7	1500	St	10	–	10	4
Nairn	1024·8	*	–	0	bc	30	85	7	1500	St	5	–	5	*
Aberdeen	1025·8	+2	SSW	1	bc	34	85	6	–	–	0	ACu	3	0
Malin Head	1022·3	+1	ESE	4	c	40	97	5	800	St	9	–	9	1
Renfrew	1026·3	+2	NW	1	bc	29	92	5	800	St	6	–	6	*
Edinburgh (Inchkeith)	1026·0	+1	W	1	b	34	97	7	–	–	0	ACu	2	0
Leuchars	1026·5	+1	–	0	c	31	97	6	5700	Scu	1	ASt	9	*
Eskdalemuir	1027·4	+1	–	0	b	23	97	6	1500	St	1	ASt	2	
Tynemouth	1027·1	+1	S	2	o	34	97	7	1500	St	10	–	10	2
Blacksod Point	1019·4	+1	S	3	bc	46	85	6	*	Scu	7	–	7	3
Donaghadee	~~1023·5~~	+1	SE	3	mmbc	41	85	4	1500	St	7	–	7	3
Birr Castle	1021·4	*	E	2	o+	44	97	6	450	St	10	–	10	*
Holyhead	1023·3	+2	–	0	b	38	92	6	–	–	0	Ci	1	0
Liverpool (Bidston)	1025·4	0	SE	4	mmo	35	97	4	2500	St	10	–	10	*
Chester (Sealand)	1025·7	+2	SE	4	mmo	36	92	4	450	St	10	–	10	
Harrogate	1029·6	+1	–	0	mmo	32	97	4	<150	St	10	–	10	*
Spurn Head	1027·2	+1	ESE	2	c+	39	97	5	1500	St	10	–	10	1
Birmingham (Edgbaston)	1027·8	+1	SE	2	FFo	34	97	1	<150	St	10	–	10	*
Cranwell	1027·8	+1	ESE	1	FFo	34	97	1	220	St	10	–	10	*
Gorleston	1028·5	+2	SSE	3	b	41	92	6	1500	St	2	–	2	*
Valentia (Cahirciveen)₱	1019·2	+2	SE	3	bc	50	85	7	1500	Scu	6	–	6	3
Roches Point	1020·9	+3	E	3	odd	47	97	6	800	St	10	–	10	5
Pembroke (St. Ann's H.)	1023·0	+2	E	5	b	40	97	5	–	–	0	–	0	4
Ross-on-Wye	1026·4	+1	ENE	1	FFo	36	97	1	<150	St	10	–	10	*
Leafield	1026·7	+2	~~E~~ ESE	2	FFo	36	97	1	<150	St	10	–	10	*
Winchester (Worthy Dn.)	1026·4	+1	NNE	2	FFo	35	97	1	<150	St	10	–	10	*
S. Farnborough	1026·3	+2	E	1	FFo	36	97	1	<150	St	10	–	10	*
London (Kew Obsy.)	1027·2	+2	E	2	SFo	38	97	3	<150	St	10	–	10	*
Croydon	1027·1	+1	–	0	Fo+	30	97	0	–	–	0	–	0	
Shoeburyness	1028·0	+1	NNE	1	FFb	31	97	1	–	–	0	CiSt	2	*
Clacton-on-Sea	1027·6	+1	E	2	bc	41	97	6	–	–	0	ACu	4	1
Felixstowe	1028·3	+2	E	1	b	39	97	5	–	–	0	ACu	1	1
Lympne	1027·0	+2	SEE	3	b	39	92	6	–	–	0	Ci	2	*
Scilly (St. Mary's)	1019·5	+1	ES	3	b	47	97	5	–	–	0	–	0	3
Falmouth (Pendennis)	1021·0	+1	E	6	bc	47	97	6	1500	St	4	–	4	4
Plymouth (Cattewater)	1022·8	+2	E	5	c-	44	97	6	<150	St	8	–	8	1
Portland Bill	1023·3	+1	NE	4	SFo	43	92	3	450	St	10	–	10	5
Southampton (Calshot)	1025·7	+1	EN	3	bc	39	97	6	800	St	3	–	3	
Dungeness	1028·0	+2	SE	4	bc-	43	85	7	–	–	0	Ci	4	1
Guernsey (Fort George)₱	1023·2	+2	E	2	b	46	85	6	–	–	0	CiSt	2	

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

Stations (1)	Weather Forenoon (2)	Weather Afternoon (3)	Temperature Min. 9h. 23rd to 9h. 24th (4) °F	Temperature Max. 9h.-17h. 24th (5) °F	Rainfall Night 17h.-9h. 23rd-24th (6) mm.	Rainfall Day 9h.-17h. 24th (7) mm.	Sunshine Sunrise to 17h. 24th (8) hr.	Sunshine Sunrise to Sunset 23rd (9) hr.
Berwick-on-Tweed	o	o	38	39	–	–	0·0	0·5
Douglas (I. o. M.)	o	o	40	41	–	–	0·0	0·0
Llandudno	cbc	b	39	45	–	–	5·9	0·7
Colwyn Bay	o	cbbco	39	44	–	–	4·5	0·0
Rhyl	oc	cbc	39	43	–	–	0·6	0·0
Wallasey	o	oc	39	41	–	–	0·0	0·7
Southport	o	o	*40	41	–	–	0·0	1·5
Blackpool	o	o	40	44	–	–	0·0	3·2
Ilkley	o	o	36	37	3	–	0·0	0·0
Cleethorpes	o	o	36	39	1	–	0·0	0·0
Skegness	o	o	37	44	0·4	–	0·0	0·0
Aberystwyth	cbc	bc	39	47	–	–	4·9	8·9
Bath	cbcb	bbcm	38	47	–	–	6·0	1·3
Cheltenham‡	oc bc	bc	38	44	–	–	3·3	0·0
Leamington Spa	o	o	38	39	–	–	0·0	0·0
Lowestoft	o	o	36	39	–	–	0·0	0·0
Felixstowe	c	cbc	37	40	–	–	0·3	0·1
Harwich & Dovercourt	ocm	bcm	37	41	–	–	0·3	0·2
Southend	oc.bc	cbc.	38	41	–	–	1·0	?

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cbc	cbc	37	49	–	–	1·8	7·1
Bude	c	c	39	47	–	–	0·7	7·4
Penzance	b	bcbz	46	52	–	–	4·8	7·1
Paignton	oq/m	oq/l	42	44	–	–	0·0	5·9
Torquay	om	ocom	42	44	–	–	0·1	6·6
Jersey	b	b	40	52	–	–	7·8	9·3
Weymouth	c	cb	37	45	–	–	1·9	8·8
Bournemouth	m	b	35	46	–	–	4·5	8·0
Ventnor	oz	ozbz	38	42	–	–	1·8	7·5
Portsmouth (S'thsea)	cb	b. bm	37	47	–	–	6·0	8·5
Bognor	bc	bc	35	45	–	–	6·1	8·8
Littlehampton	bc	bc	36	47	–	–	6·6	8·3
Worthing	cbc	b	36	47	–	–	6·0	8·0
Brighton	cb	bcc	37	48	–	–	6·7	7·7
Eastbourne‡	o	ocbcc	38	42	–	–	1·9	7·1
Hastings‡	oc	cbbc	37	41	–	–	2·8	7·3
Folkestone	om cm	bcm cm	37	40	–	–	1·4	7·0
Dover	o	omo	38	41	–	–	0·0	4·9
Tunbridge Wells	ocbc	b	36	46	–	–	5·2	4·6
Ramsgate	cbc	bcc	38	41	–	–	1·0	3·7
Margate	cbc	bcc	36	41	–	–	2·0	3·3
Deal	oc	o	38	41	–	–	0·1	3·7

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

* Information not usually received. ₱ 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.24202 Sunday 26th February 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	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1026.2	+1	SW	2	c	43	85	8	5700	St.Cu	4	A.Cu	8	•
Stornoway	1025.3	+1	S	1	o	43	85	6	2500	St	10	-	10	•
Wick	1027.4	+3	SSW	2	c	42	92	8	1500	St.Cu	6	C.St	8	•
Tiree	1025.0	+1	SSE	5	o	43	97	6	450	St	10	-	10	0
Nairn	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Aberdeen	1027.6	+1	S	3	bc	43	75	6	-	-	0	A.Cu	4	1
Malin Head	1023.9	+1	ESE	4	c	45	92	5	4000	St.Cu	9	A.Cu	9	•
Renfrew	1027.5	0	W	1	ffb	41	75	3	-	-	0	-	0	1
Edinburgh (Inchkeith)	1026.9	0	E	1	b/m	41	75	6	-	-	0	A.Cu	2	•
Leuchars	1028.3	+1	SE	1	b-	44	75	6	-	-	0	A.Cu	1	1
Eskdalemuir	1026.4	+1	SE	1	b	49	55	6	-	-	0	-	0	1
Tynemouth	1028.4	0	S	2	bc/m	44	92	6	1500	St	3	-	3	•
Blacksod Point	1021.5	+2	SE	3	bc	49	85	6	-	-	0	Ci.Cu	6	•
Donaghadee	1026.2	+1	SE	3	fbc-	42	85	4	1500	~~Cu.Nb~~ St	3	A.St	5	•
Birr Castle	1022.7	•	E	2	mmo	47	85	4	450	St	10	-	10	•
Holyhead	1024.9	0	-	0	c⊕	48	85	6	-	-	0	C.St	8	1
Liverpool (Bidston)	1026.7	0	SE'E	5	o	38	92	5	2500	St	10	-	10	•
Chester (Sealand)	1027.1	+1	SE'S	4	o/m	39	92	5	800	St	10	-	10	1
Harrogate	1029.3	0	SE	1	FFo	35	97	1	<150	St	10	-	10	•
Spurn Head	1028.5	0	SE'S	3	bc	45	85	5	4000	St	6	Ci.Cu	7	•
Birmingham (Edgbaston)	1028.0	0	SE	2	ffo	39	97	3	800	St	10	-	10	2
Cranwell	1029.5	0	SE'S	1	fc-	39	97	2	800	St	9	-	9	1
Gorleston	1030.0	+2	ESE	2	b	47	75	6	-	-	0	-	0	•
Valentia (Cahirciveen)	1020.6	0	ESE	3	c	53	75	6	1500	St	6	A.Cu	8	0
Roches Point	1022.5	+1	ESE	3	o	47	92	5	1500	St	10	-	10	•
Pembroke (St. Ann's H.)	1023.8	+1	E	5	c+	45	92	5	1500	St	6	A.St	8	•
Ross-on-Wye	1026.8	+1	E'N	3	ffo	41	92	3	220	St	10	-	10	1
Leafield	1028.0	+2	E'N	2	fb-	42	97	4	4000	Cu	2	-	2	1
Winchester (Worthy Dn.)	1026.3	-1	E	3	b	52	75	7	-	-	0	C.St	2	1
S. Farnborough	1027.0	0	E	2	b	54	65	6	-	-	0	-	0	0
London (Kew Obsy.)	1027.5	-1	ENE	2	FFb	50	65	1	-	-	0	-	0	1
Croydon	1027.7	-1	SE'S	2	b	56	55	6	-	-	0	-	0	1
Shoeburyness	1028.8	0	ESE	3	b	48	55	7	-	-	0	-	0	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	1029.7	0	E'N	2	b	43	75	6	-	-	0	-	0	1
Lympne	1027.9	-1	SE	1	b	53	65	6	-	-	0	-	0	1
Scilly (St. Mary's)	1020.7	+1	E	5	b	52	92	6	-	-	0	Ci	2	•
Falmouth (Pendennis)	1022.0	0	E	6	bc	50	92	6	4000	Cu	2	C.St	6	•
Plymouth (Cattewater)	1023.0	-1	ESE	5	bc⊕	50	75	6	-	-	0	C.St	6	1
Portland Bill	1024.1	0	NE	4	c-	49	85	5	1500	St	1	Ci	8	•
Southampton (Calshot)	1026.2	-1	ESE	4	b	48	75	6	-	-	0	C.St	2	0
Dungeness	1028.3	+1	SE	2	bc	49	75	7	-	-	0	C.St	3	•
Guernsey (Fort George)	1024.0	-1	ESE	3	bc	50	85	7	-	-	0	C.St	4	•

Observations at 18h. G.M.T. 25th

STATIONS.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1027.0	+1	-	0	c	43	92	7	5700	St.Cu	5	A.St	10	•
Stornoway	1026.4	+2	-	0	o	38	92	5	2500	St	10	-	10	0
Wick	1027.8	+1	SSE	2	c	40	97	8	1500	St.Cu	6	A.St	8	1
Tiree	1026.1	+1	SE	4	o	43	92	5	450	St	10	-	10	3
Nairn	1026.6	•	E	1	bc	39	85	7	1500	St	4	A.Cu	7	•
Aberdeen	1027.9	+1	S	2	b-	40	92	5	-	-	0	A.Cu	1	0
Malin Head	1024.4	+1	SE	4	bc-	44	97	5	5700	St.Cu	6	-	6	1
Renfrew	1027.2	0	NE	2	ffb	40	85	3	-	-	0	-	0	•
Edinburgh (Inchkeith)	1026.6	+1	E	1	bc	39	97	6	450	St	3	-	3	0
Leuchars	1027.9	+1	N	1	b	36	97	6	-	-	0	Ci	1	•
Eskdalemuir	1027.4	+1	NNW	2	b	39	85	6	-	-	0	Ci	1	•
Tynemouth	1028.6	+1	SW	2	ffbc	40	92	3	1500	St	3	-	3	1
Blacksod Point	1020.3	0	S	4	c	48	92	6	•	-	0	A.St	10	3
Donaghadee	1026.2	0	SE	3	mbc+	42	92	4	1500	St	4	A.St	6	3
Birr Castle	1022.6	•	E	2	c*	45	92	6	800	St	9	-	9	•
Holyhead	1025.4	+1	-	0	c	47	85	5	-	-	0	Ci.St	9	0
Liverpool (Bidston)	1027.2	+1	SE	4	fb+	39	97	3	-	-	0	-	0	•
Chester (Sealand)	1027.1	0	SE'S	3	fbc+	39	92	3	800	St	4	-	4	•
Harrogate	1029.6	0	S	1	FFo	35	97	0	<150	St	10	-	10	•
Spurn Head	1028.5	0	SE'E	3	bc	42	97	6	4000	St	5	-	5	3
Birmingham (Edgbaston)	1028.0	0	ENE	2	fc+	40	97	1	<150	St	8	-	8	•
Cranwell	1029.2	0	-	0	fbc+	41	97	3	450	St	3	A.St	4	•
Gorleston	1030.7	0	SE	3	b	41	92	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1019.9	-1	E	3	bc	51	75	7	2500	St.Cu	4	A.Cu	5	0
Roches Point	1022.1	0	ESE	3	c	47	92	6	1500	St.Cu	10	-	10	4
Pembroke (St. Ann's H.)	1024.2	+1	E	4	c	45	97	5	1500	St	6	A.St	8	1
Ross-on-Wye	1026.9	0	N	1	ffb	40	92	3	-	-	0	-	0	•
Leafield	1027.3	0	E'N	3	b	45	85	5	-	-	0	-	0	•
Winchester (Worthy Dn.)	1026.5	+1	E	3	bc	48	75	7	4000	St.Cu	1	C.St	3	•
S. Farnborough	1026.7	+1	E	2	b	49	65	6	-	-	0	Ci.St	1	•
London (Kew Obsy.)	1027.7	+1	E	3	mb	46	55	4	-	-	0	Ci	2	•
Croydon	1028.1	+2	E'S	2	b	43	85	5	-	-	0	A.St	1	•
Shoeburyness	1028.9	0	E'N	2	b	48	97	6	-	-	0	-	0	•
Clacton-on-Sea	1029.4	0	E	3	bc	43	85	7	-	-	0	A.St	3	2
Felixstowe	1030.0	+1	E'N	3	mb+	42	92	4	-	-	0	A.St	2	1
Lympne	1028.3	+1	E'N	4	b	43	85	6	-	-	0	-	0	•
Scilly (St. Mary's)	1021.0	0	E'S	4	b	49	97	6	-	-	0	Ci	1	4
Falmouth (Pendennis)	1022.6	0	E	6	bc+	48	92	6	4000	Cu	2	C.St	6	3
Plymouth (Cattewater)	1023.7	+1	E	4	bc	48	85	6	5700	St.Cu	1	C.St	4	0
Portland Bill	1024.4	0	ENE	4	bc	46	85	6	1500	St	2	A.Cu	3	4
Southampton (Calshot)	1026.5	+1	ESE	4	b	45	85	6	-	-	0	Ci.St	1	0
Dungeness	1028.6	+1	SE	3	mbc	46	92	4	220	St	4	C.St	6	3
Guernsey (Fort George)	1024.2	+1	E	2	bc+	48	85	7	4000	St.Cu	2	C.St	4	0

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather Morning (24 hours ended 9h.)	Weather Afternoon	Weather Night	Temp. Max. Day °F.	Temp. Min. Night °F.	Min. on Grass °F.	Rainfall mm. Day	Rainfall mm. Night	Sunshine to Sunset, hrs. (Yesterday)	Humidity 13h. G.M.T. % (Yesterday)	Humidity 9h. G.M.T. % (To-day)	Visibility 9h.
Kew (24 hours ended 7h.)	18	bFF	bfb2	bf-x m	65	35	22	-	Tr.	2.7	*	*	
Croydon (24 hours ended 7h.)	244	bfzbm	b2oy	b2om, x	57	29	22	-	-	6.8	•	•	
Greenwich (Royal Obsy.)	149	cfbmz	b2m	bxtcm	57	31	21	-	-	6.2	61	84	3
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	3.5	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	57	38	30	-	-	4.0	69	80	•
Regent's Pk. (Botanic Gdns).	183	•	•	•	•	•	•	•	•	2.3	•	•	•
Camden Square	110	cfc	cfb	•	65	34	28	-	-	•	•	95	•
Kensington Palace	80	cf	bc	•	56	35	26	-	-	•	(At 18h 91)	83	•
Hampstead Observatory	450	•	•	•	53	33	24	-	-	5.8	•	83	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
2.0	10h. 25th	0.3	5h. 26th

Kew Observatory Max.	Time.	Min.	Time.
2.6	12h 25th	0.3	6h 26th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 25th 18h. 45m. to 26th 05h. 45m.

Stars.	Exposure h. m.	Record h. m.	%
Polaris	11.00	11.00	100
δ Ursae Minoris	11.00	11.00	100

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

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

26th - 27th February 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.51 / 6.49	12.6 / 12.6	17.22 / 17.24
Greenwich	6.56 / 6.54	12.13 / 12.13	17.31 / 17.33
Wick	7.22 / 7.20	12.25 / 12.25	17.30 / 17.32
Valentia	7.38 / 7.36	12.54 / 12.54	18.11 / 18.13

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	

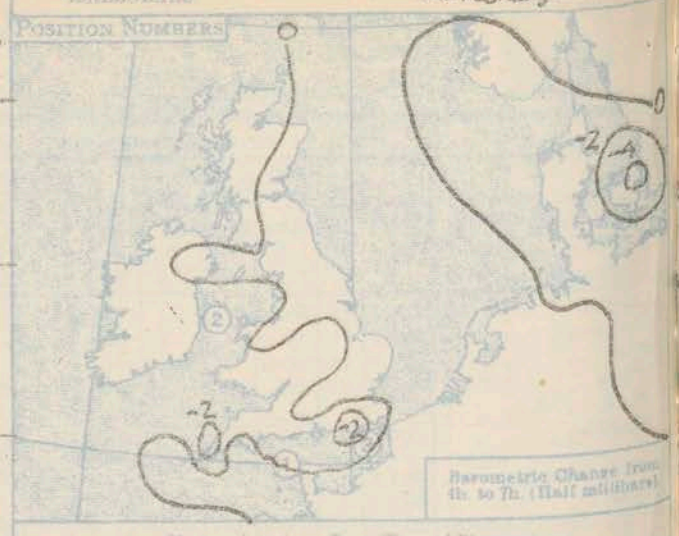
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for those columns not usually received. ‡ The barometric change is expressed in half millibars.

SUMMARIES FOR THE PAST 24 HOURS.

STATIONS.	WEATHER. 7h.-13h. 25th.	13h.-18h. 25th.	18h.-25th. to 18h.	18h.-7h. 26th.	TEMPERATURE. MAX. Day. 7h.-18h.	MIN. Night. 18h.-7h.	MIN. on GRASS	RAINFALL.† Day. 7h.-18h. mm.	began.	Night. 18h.-7h. mm.	began.	SUN 25th. Hours
Lerwick	c	c	oT_0cbc	bcc	44	40	•	–	–	Trace	21.00	0.0
Stornoway	o	o	b-bc	c	44	28	•	–	–	–	–	0.2
Wick	c	c	c	oFf	42	37	•	–	–	–	–	•
Tiree	omo	m_0	$m_0$bc	$m_0$bc	44	38	33	–	–	–	–	0.0
Nairn	bc	bc	bc+	cfe	41	32	•	–	+	Trace	2.30	3.3
Aberdeen	bcm_0	bcbm_0	mfeb	Fefb	44	33	30	–	–	0.1	22.00	4.4
Malin Head	cmm_0	cbcmm	bcmm_0	bcm$_0$m$_0$	46	40	•	–	–	–	–	0.1
Renfrew	bcmbff	bfmf	bff+	bff+	45	27	22	–	–	–	–	2.8
Edinburgh (Inchkeith)	bcmm_0	bbc	mmffo	OFfe	45	33	27	–	–	Trace	24.00	2.0
Lenchars	cbcm$_0$	bm$_0$	b+bxf	bf+Fx	46	27	21	–	–	–	–	7.4
Eskdalemuir	bm$_0$xy	bz$_0$y	bm$_0$	bm$_0$x	51	30	27	–	–	–	–	8.0
Tynemouth	obcm	bcff	aff	OFF	44	32	29	–	–	–	–	•
Blacksod Point ...	c	co	o	oc	50	43	•	–	–	–	–	•
Donaghadee	bcmm	bcmm	bcffc	bcffc	44	35	•	–	–	–	–	•
Birr Castle	om	cm$_0$q	cm$_0$	cm	47	40	31	–	–	–	–	0.0
Holyhead	bbcc	cm$_0$	cbcm$_0$	bccw	49	40	34	–	–	0.1	–	5.2
Liverpool (Bidston) ...	omfe$_0$	cbm$_0$m	ofe	offe	41	32	33	–	–	–	–	0.5
Chester (Sealand) ...	om	om$_0$bcf	coff	off	41	35	34	–	–	–	–	0.0
Harrogate	omfff	oFf	oFf	oFf	35	33	33	–	–	–	–	0.0
Spurn Head	bbc	bbc	b-bc	bcffo+	46	36	•	–	–	–	–	7.4
Birmingham (Edgbaston)	ffo	ffc	fcfb	fb+fo	43	30	25	–	–	–	–	0.0
Cranwell	oFe	f-m	b-bc	bOFx	48	25	20	–	–	Trace	–	2.9
Gorleston	bm$_0$	bm$_0$	bw	b+w	48	36	27	–	–	0.2	–	8.7
Valentia (Cahirciveen)	bcc	cocbc	bcco	oc	53	50	46	–	–	–	–	0.1
Roches Point	od$_0$oz	ocz	cozb	bccw	48	45	•	Trace	<8.00	Trace	–	•
Pembroke (St. Ann's H.)	bcm	cm	bcm	bcm	46	42	•	–	–	–	–	0.3
Ross-on-Wye	Fe$_0$f	ofcmbf	bfcfoF	oFFe	43	28	28	–	–	0.1	–	0.0
Leafield	F	b	b	bbc	49	32	28	Trace	–	–	–	3.1
Winchester (Worthy Dn.)	oFf$_0$yb	bbc	b	bbccm	55	36	27	–	–	–	–	7.5
S Farnborough ...	oF bm	bm$_0$	bm$_0$m	bmcm	58	27	24	–	–	–	–	5.5
London (Kew Obsy.) ...	bFF	bfbz	bf+	bf+cmx	55	35	22	–	–	Trace	–	2.7
Croydon	bfeab_0	bz$_0$y	bz$_0$m$_0$	bcm$_0$x	57	29	22	–	–	–	–	6.9
Shoeburyness	bm	bm	bm	bm	49	31	22	–	–	–	–	8.3
Clacton-on-Sea ...	bcbm	bbcm	bcbm	bm	48	41	36	–	–	–	–	8.9
Felixstowe	bm$_0$	bm$_0$bm	bm	bm$_0$x	48	39	29	–	–	Trace	–	8.9
Lympne	bm$_0$z$_0$	bm$_0$	bm$_0$b	b	57	35	30	–	–	–	–	9.1
Scilly (St. Mary's) ...	bm	bmm	bm$_0$	bm$_0$	52	47	•	–	–	–	–	9.0
Falmouth (Pendennis)	bz$_0$q	bz$_0$q	bz$_0$b$_0$	bbc	51	47	•	–	–	–	–	6.5
Plymouth (Cattewater)	combc	bz$_0$	bcbm$_0$	o$_0$cm$_0$	51	45	41	–	–	–	–	6.3
Portland Bill	ofcm$_0$	cbz$_0$	bcbz$_0$	ocm$_0$	49	46	•	–	–	–	–	•
Southampton (Calshot)	bcbm$_0$	bbc	bm$_0$bm	bwbcc	49	42	39	–	–	Trace	–	8.2
Dungeness	bc	bczbm	bcmb	b	50	41	•	–	–	–	–	•
Guernsey	bbcm$_0$	bc	bcc	cq	51	46	•	–	–	–	–	8.7

ISALLOBARS — 26th February 1928

POSITION NUMBERS



Barometric Change from 6h. to 7h. (Half millibars)

Observations from Cross Channel Steamers

Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Visibility
2	25th 10h	Scotia	ESE	3	c	46	45	6
1	" 12h	St. Julien	ESE	3	fo-	49	50	6
3	26th 2h	Brighton	SE	4	bc	45	47	8

GENERAL INFERENCE.

An anticyclone covers most of Europe, while pressure continues low to the west and southwest of the British Isle Apart from rather widespread mist or fog morning and night, weather will be mainly fine and bright with moderate to rather high day temperature. Ground frost will occur at night

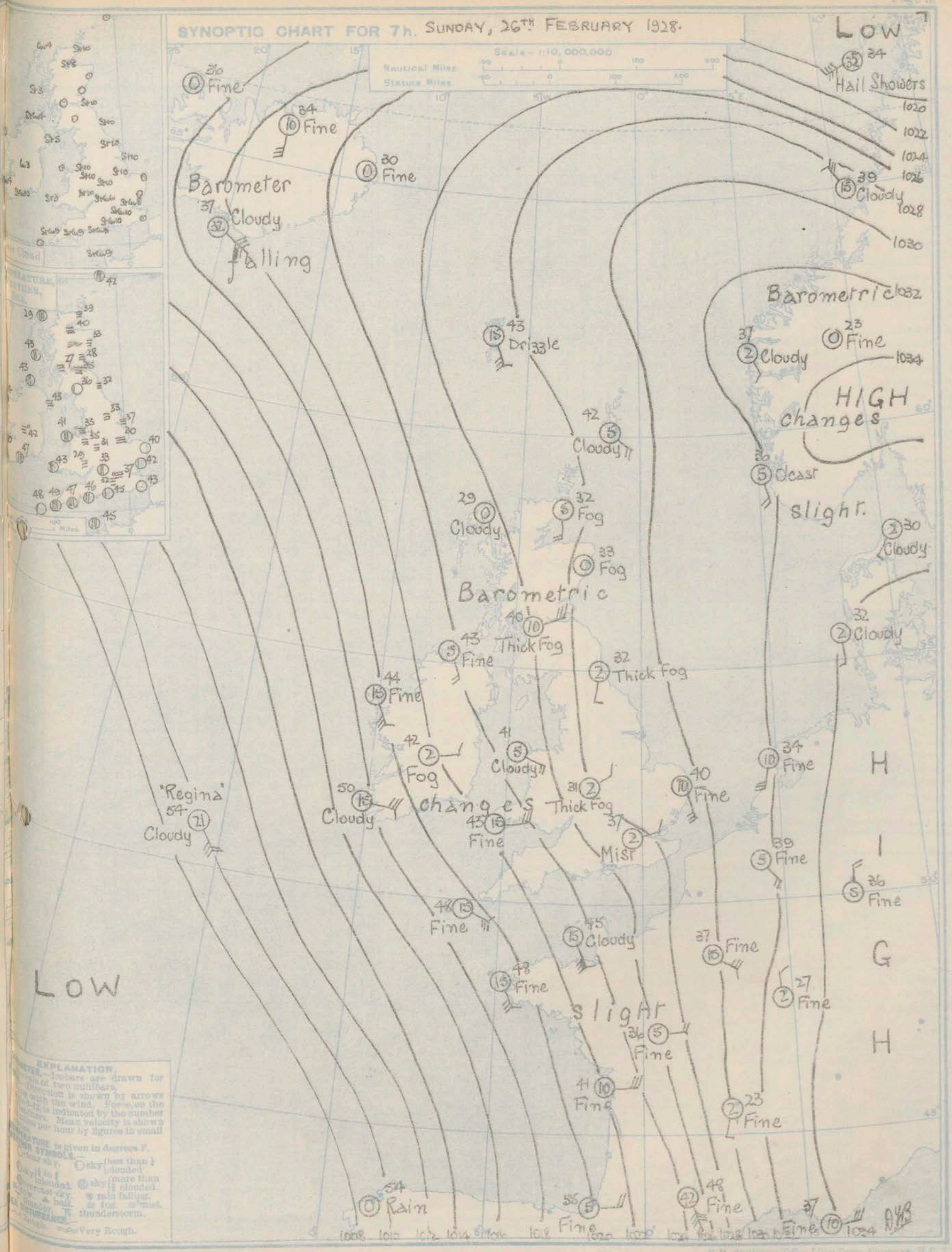
Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Sunday, 26th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate S.E. to E. winds; mainly bright and sunny, but mist or fog night and morning; rather high to moderate day temperature, ground frost at night.	No important change is yet indicated.
5. S.W. England 6. South Wales 7. North Wales	Moderate to fresh S.E, winds:; mainly fair apart from some local mist; rather high or moderate day temperature, ground frost inland at night.	
8. N.W. England	As 1 - 4.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland, B. NW. Scotland 14. Mid Scotland 15. N.E. Scotland 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland	Light southerly to variable winds; mainly fair, apart from fog or mist persisting locally; widespread fog or mist at night; moderate temperature, ground frost at night.	
19. S.E. Ireland 20. S.W. Ireland	As 5.	

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

PK 361/1633 We 100 2/28 [illegible] 1/28

‡ For code see page 1

†Trace = rain was taken, but amount less than 0·1 mm.


SYNOPTIC CHART FOR 7h. SUNDAY, 26TH FEBRUARY 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
LOW
Hail Showers
1020
1022
1024
1026
1028
1030
1032
1034
Fine
Cloudy
Drizzle
Fog
Thick Fog
Mist
Rain
Baromet
Falling
Baromet
changes
slight
HIGH
changes
slight
Barometric
"Regina"
LOW
HIGH
EXPLANATION
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Sunday 26th. February....., 1928. No. 57.....

STATIONS.	Height above M.S.L. in feet.	Observations at 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	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	1029·1	0	–	0	bc	43	92	7	–	–	0	RSr	4	1028·9	0	SE	2	C	42	85	7	–	–	0	RSt	10	•
Stornoway	30	1027·1	0	N	1	b	•	•	8	•	•	•	•	0	1025·2	-1	–	0	C	29	97	7	4000	Cu	4	RSt	10	0
Wick	81	1027·7	0	ESE	2	c	40	85	8	1500	St	6	RSr	10	1027·0	-1	S	2	ffo	39	97	2	1500	St	10	–	10	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1024·5	0	SE	4	bc	43	97	6	450	St	3	–	3	3
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·6	•	–	0	fc-	34	92	3	1500	St	8	–	8	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·4	0	–	0	fbc	33	97	5	–	–	0	Acu	1	0
Malin Head	51	1024·6	-1	E	3	bc	43	92	5	5700	StCu	3	–	3	1023·5	-1	SE	2	bc	43	92	5	5700	StCu	4	–	4	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·6	-1	–	0	ffb	27	97	2	–	–	0	–	0	•
Edinburgh (Inchkeith)	190	1027·4	+1	S	1	Fo	37	97	1	4150	St	10	–	10	1027·8	0	E	1	Fo+	35	97	1	4150	St	10	–	10	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·7	0	–	0	FFb	28	97	1	–	–	0	–	0	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·9	-1	N	3	b	36	85	6	–	–	0	Acu	1	•
Tynemouth	87	1029·2	0	S	2	FFo	35	97	1	1500	St	10	–	10	1029·0	0	SSW	1	FFO	32	97	1	800	St	10	–	10	1
Blacksod Point ...	18	1026·8	0	SE	3	c	46	85	6	•	–	0	RSt	10	1019·3	0	SE	4	bc	44	92	7	•	–	0	RSt	7	3
Donaghadee	49	•	•	•	•	•	•	•	•	•	•	•	•	•	1025·2	0	SE	2	Stbc-	43	92	3	1500	St	5	RSt	7	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·1	•	E	1	mmc	42	97	4	1500	Cu	3	RSt	9	•
Holyhead	26	1025·0	0	ESE	3	bc	46	85	6	–	–	0	C-St	5	1024·4	0	ESE	2	C	41	92	5	–	–	0	CiSt	8	1
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·5	0	SE	4	FFO	33	97	1	220	St	10	–	10	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·0	0	SSE	4	ffo	35	97	2	450	St	10	–	10	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1029·4	0	S	1	FFO	33	97	1	4150	St	10	–	10	•
Spurn Head	29	1029·3	0	SE	3	b	40	97	6	–	–	0	–	0	1028·5	0	SSE	2	ffo	37	97	3	220	St	10	–	10	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·0	-1	ENE	1	FFO	31	97	0	4150	St	10	–	10	•
Cranwell ...	236	1029·6	0	E	1	b	32	97	5	–	–	0	–	0	1030·0	0	SE'E	1	FFO	30	97	1	4150	St	10	–	10	
Gorleston	14	1030·1	0	SE	1	b	40	97	6	–	–	0	–	0	1029·4	0	SSE	3	b	40	92	6	–	–	0	–	0	0
Valentia (Cahirciveen) ‡	30	1019·0	-1	SSE	3	o	48	92	6	*	St	10	–	10	1017·0	-1	E	4	C	50	75	8	2500	Stcu	4	Acu	8	
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1019·9	-1	ESE	3	C	47	92	7	1500	Stcu	10	–	10	
Pembroke (St. Ann's H.)	150	1023·5	-1	E	4	bc-	44	97	5	800	St	4	–	4	1021·6	-1	E	4	bc+	43	97	6	1500	St	3	Acu	5	1
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·4	-1	–	0	FFO	29	97	1	4150	St	10	–	10	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1027·0	-1	ENE	3	bc+	33	97	5	5700	Stcu	6	–	6	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·4	0	EN	2	C+	37	85	6	4000	Stcu	8	–	8	•
S. Farnborough ...	200	•	•	•	•	•	•	•	•	•	•	•	•	•	1026·9	-1	E	1	mmc	32	97	4	4000	Stcu	10	–	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	39	•	•	•	•	•	•	•	1027·5	0	EN	1	fc-	37	86	4	2500	Stcu	8	–	8	•
Croydon	244	1028·3	0	–	0	b	35	97	5	–	–	0	–	0	1027·3	-2	SE	1	bc+	39	85	6	4000	Stcu	6	–	6	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·3	0	NE	2	b	36	97	6	–	–	0	–	0	2
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1028·8	0	E	3	b	42	85	7	–	–	0	Acu	2	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1029·4	0	ES	3	b	41	92	6	–	–	0	Acu	1	0
Lympne	350	1028·2	0	E'S	4	b	39	75	7	–	–	0	–	0	1027·9	0	ESE	4	b	38	92	7	–	–	0	–	0	•
Scilly (St. Mary's) ...	163	1019·9	-1	E	5	b	48	97	7	–	–	0	–	0	1019·1	0	SE'E	4	b	48	97	6	–	–	0	RSt	2	3
Falmouth (Pendennis)	200	1021·8	-2	E	5	b	48	92	6	–	–	0	–	0	1020·7	-2	SEE	5	C+	49	85	7	4000	Stcu	9	–	9	2
Plymouth (Cattewater)	62	•	•	•	•	•	•	•	•	•	•	•	•	•	1021·8	0	ESE	3	C+	47	92	7	5700	Stcu	9	–	9	0
Portland Bill	32	1024·3	0	E	3	b	47	85	6	1500	St	1	–	1	1023·4	-1	E	4	bc-	46	92	6	2500	Stcu	3	Acu	7	4
Southampton (Calshot)	10	1026·0	-1	E	4	b	43	85	6	–	–	0	–	0	1025·5	-1	E	5	C	43	85	6	4000	Stcu	10	–	10	3
Dungeness	20	1028·7	0	SE	2	b-	44	85	8	–	–	0	–	0	1027·4	+1	SSE	2	b	43	85	8	–	–	0	–	0	2
Guernsey (Fort George) ‡	295	1024·2	-1	ESE	1	bc	47	85	7	2500	Cu	4	–	4	1023·5	0	SE	4	C	48	85	8	4000	Stcu	9	–	9	4

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

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 24th to 9h. 25th. °F.	Temperature. Max. 9h.-17h. 25th. °F.	Rainfall.† Night 17h.-9h. 24th-25th. mm.	Rainfall.† Day 9h.-17h. 25th. mm.	Sunshine. Sunrise to 17h. 25th. hr.	Sunshine. Sunrise to Sunset. 24th. hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	bc	bc	30	43	–	–	6·7	0·0
Douglas (I. o. M.) ...	oc	oc	36	40	–	–	0·0	0·0
Llandudno ...	b	bbm	37	51	–	–	5·8	5·9
Colwyn Bay ...	cbbmb	b	32	57	–	–	6·2	4·5
Rhyl	bcc	bc	?	?	–	–	6·1	0·6
Wallasey	fooc	bcm	35	42	–	–	1·3	0·0
Southport	ob	ccz	*34	43	–	–	1·5	0·0
Blackpool	ocm	bbm	32	44	–	–	4·0	0·0
Ilkley	omo	o	32	37	–	–	0·0	0·0
Cleethorpes	b	b	30	51	Trace	–	7·2	0·0
Skegness	bfb	b	32	47	–	–	7·0	0·0
Aberystwyth ...	cbc	bcc	38	54	–	–	3·4	4·9
Bath	fmc	mbcb	34	54	–	–	3·7	6·0
Cheltenham ‡ ...	omebc	bcmo	35	51	–	–	3·7	3·3
Leamington Spa ...	o	om	34	44	–	–	0·0	0·0
Lowestoft	b	b	36	48	–	–	8·5	0·0
Felixstowe	bmb	bbm	35	46	Trace	–	9·0	0·3
Harwich & Dovercourt	bcm	bcm	35	44	–	–	8·9	0·3
Southend	wfb	bc	33	51	0·2	–	8·8	1·0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	c	c	40	48	–	–	0·0	1·8
Bude	wbc	bcb	38	55	–	–	5·8	0·7
Penzance	b	bz	47	53	–	–	3·4	4·8
Paignton	ofoc	c	43	49	–	–	0·5	0·0
Torquay	om	oco	42	50	–	–	2·6	0·1
Jersey	b	b	42	58	–	–	9·2	5·3
Weymouth	fbcb	b	39	50	Trace	–	4·2	1·9
Bournemouth ...	mb	bbm	39	53	–	–	7·3	4·5
Ventnor ...	bz	bz	39	50	–	–	8·5	1·8
Portsmouth (S'thsea)	b	b	37	53	–	–	9·0	6·0
Bognor	b	b	37	49	–	–	9·0	6·1
Littlehampton ...	b	b	39	48	–	–	9·1	6·6
Worthing	b	b	37	50	–	–	8·8	6·0
Brighton	b	b	37	55	–	–	8·8	6·7
Eastbourne	b	bm	33	48	–	–	8·9	1·9
Hastings ‡	mbcb	b	38	50	0·1	–	8·4	2·8
Folkestone	xbczb	bbc	37	49	–	–	8·4	1·4
Dover	mob	bmo	35	51	–	–	9·2	0·0
Tunbridge Wells ...	b	b	32	55	–	–	8·8	5·2
Ramsgate	bc	bc	38	45	–	–	8·6	1·0
Margate	bc	bc	37	48	–	–	8·7	2·0
Deal	b	b	35	48	–	–	8·6	0·1

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. B24203. Monday, 27th February.....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.	Sea. 0-9
Lerwick	1028.7	-2	SE	2	c	43	97	5	-	-	0	asc	10	•	
Stornoway	1024.7	-1	-	0	c	46	85	6	-	-	0	asc	10	•	
Wick	1026.6	0	S	3	c	40	97	5	1500	Sc	10	-	10	•	
Tiree	1023.8	0	ESE	4	c	48	85	6	-	-	0	asc	10	0	
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Aberdeen	1028.5	0	S	3	c	40	92	4	220	Sc	9	-	9	1	
Malin Head	1022.8	-1	S	4	bc+	48	92	5	5700	StCu	3	acu	7	•	
Renfrew	1026.3	-3	SE	1	ffb	40	92	3	-	-	0	-	0	1	
Edinburgh (Inchkeith)	1025.9	-2	ENE	3	fg	38	97	3	4150	Sc	10	-	10	•	
Leuchars	1027.9	-3	NE	2	fg	37	97	5	450	Sc	10	-	10	1	
Eskdalemuir	1026.0	-2	SE	3	b	30	25	7	-	-	0	cu	2	1	
Tynemouth	1028.9	0	S	2	fbc-	38	97	3	800	Sc	7	-	7	•	
Blacksod Point ...	1018.5	-1	SE	4	b	49	85	7	*	cu	1	-	1	•	
Donaghadee	1024.2	-1	SE	2	mmbc	47	85	4	1500	Sc	3	asc	7	•	
Birr Castle	1019.5	•	E	1	bc-	53	75	6	2500	cu	4	-	4	•	
Holyhead	1023.4	-1	ENE	4	c+	51	75	6	4000	StCu	9	-	9	1	
Liverpool (Bidston) ...	1025.6	-2	SE'E	3	mmb	42	85	4	7200	StCu	2	-	2	•	
Chester (Sealand) ...	1025.9	-2	SE'S	2	bc/m	44	85	5	7200	StCu	7	-	7	1	
Harrogate	1028.6	0	S	1	fg-	36	97	3	4150	Sc	10	-	10	•	
Spurn Head	1028.0	0	SE'E	3	b	45	85	6	-	-	0	-	0	•	
Birmingham (Edgbaston)	1026.2	-2	E	2	fb-	43	75	3	-	-	0	-	0	2	
Cromwell	1029.0	-1	ESE	2	b	50	65	6	-	-	0	-	0	1	
Gorleston	1029.2	0	SE'S	1	b	45	85	6	-	-	0	-	0	•	
Valentia (Cahirciveen)	1016.2	-2	ESE	5	bc	54	75	8	1500	StCu	4	-	4	0	
Roches Point	1019.5	-1	ESE	3	c	49	92	7	1500	StCu	10	-	10	•	
Pembroke (St. Ann's H.)	1021.6	-1	E	4	bc+	47	92	5	1500	Sc	4	acu	7	•	
Ross-on-Wye	1024.6	-2	E	2	mmb	47	75	4	-	-	0	acu	1	1	
Leafield	1025.7	0	SE'S	2	b	48	75	5	-	-	0	-	0	1	
Winchester (Worthy Dn.)	1025.8	-2	SE	4	b	53	55	8	-	-	0	-	0	1	
S. Farnborough ...	1025.7	-2	SSE	3	b	54	55	6	-	-	0	-	0	0	
London (Kew Obsy.) ...	1026.4	-2	SE'S	3	b	51	55	5	-	-	0	-	0	1	
Croydon	1026.4	-2	SE	3	b+	53	65	6	-	-	0	cu	1	1	
Shoeburyness	1027.9	+1	ESE	3	b	50	85	7	-	-	0	-	0	•	
Clacton-on-Sea ...	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Felixstowe	1029.0	-1	ESE	4	b	48	75	6	-	-	0	-	0	0	
Lympne	1027.7	-1	ESE	4	bc+	49	65	8	-	-	0	cu	3	0	
Scilly (St. Mary's) ...	1018.9	0	ESE	4	b	54	85	6	-	-	0	cu	1	•	
Falmouth (Pendennis)	1020.7	+1	ESE	5	bc	50	85	7	4000	StCu	2	cu	5	•	
Plymouth (Cattewater)	1021.9	-1	ESE	5	bc	52	75	7	2500	cu	4	acu	7	1	
Portland Bill	1023.6	+1	ENE	3	c	48	85	6	2500	StCu	10	-	10	•	
Southampton (Calshot)	1025.5	-1	ESE	5	b+	48	75	7	-	-	0	acu	1	0	
Dungeness	1027.9	-1	SSE	2	bc+	50	75	7	-	-	0	cu	3	•	
Guernsey (Fort. George)	1022.9	-1	SE'S	5	c	49	75	8	4000	StCu	9	-	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	1026.5	-2	SE	1	c	43	97	5	-	-	0	asc	10	•
Stornoway	1023.7	0	NE	1	c	39	97	6	-	-	0	asc	10	0
Wick	1025.1	0	SSW	2	c	41	92	7	1500	Sc	4	Csc	8	0
Tiree	1022.8	0	ESE	3	bc	46	85	6	-	-	0	Csc	6	3
Nairn	1025.0	•	-	0	FFo	34	97	1	1500	Sc	10	-	10	•
Aberdeen	1027.5	0	SSE	3	o	41	92	4	450	Sc	10	-	10	0
Malin Head	1021.2	-2	E	4	bc	48	85	5	5700	StCu	3	Ccu	4	1
Renfrew	1025.8	-1	E	2	ffbc	37	97	3	-	-	0	Csc	5	•
Edinburgh (Inchkeith)	1026.1	0	NE	3	fo+	38	97	2	4150	Sc	10	-	10	1
Leuchars	1026.9	-1	N	2	mbc+	34	97	4	450	Sc	7	-	7	•
Eskdalemuir	1026.0	0	NNW	1	bc+	39	75	6	4000	StCu	3	acu	6	•
Tynemouth	1027.6	0	SSE	1	FFo	38	97	1	800	Sc	10	-	10	1
Blacksod Point ...	1017.2	0	SE	4	b	50	85	7	•	Cu	2	-	2	3
Donaghadee	1023.3	-1	SE	2	mmbc	46	85	4	1500	Sc	3	asc	7	2
Birr Castle	1019.3	•	ESE	3	bc	48	85	6	2500	Cu	1	Asc	4	•
Holyhead	1022.4	0	SEE	1	bc-	46	97	6	4000	StCu	5	acu	6	1
Liverpool (Bidston) ...	1024.9	-1	SE	3	c	45	75	5	800	Sc	4	Csc	10	•
Chester (Sealand) ...	1025.0	0	SE	2	fb+	41	85	3	-	-	0	-	0	•
Harrogate	1028.0	-1	SW	1	fbc+	34	97	3	4150	Sc	3	-	3	•
Spurn Head	1026.8	-1	ESE	5	b	42	92	5	-	-	0	-	0	1
Birmingham (Edgbaston)	1025.7	0	ESE	2	fb+	48	75	3	1500	StCu	2	-	2	•
Cromwell	1027.9	0	SE'E	2	b	43	85	6	-	-	0	asc	1	•
Gorleston	1029.0	0	SE	3	b	43	85	6	-	-	0	-	0	0
Valentia (Cahirciveen)	1016.6	+2	ENE	4	c+	51	85	8	2500	Sc	9	-	9	3
Roches Point	1019.2	0	ESE	3	b	49	92	7	1500	StCu	2	-	2	1
Pembroke (St. Ann's H.)	1021.6	-1	ESE	4	bc	48	92	6	2500	Cu	4	acu	6	0
Ross-on-Wye	1024.0	-1	ESE	1	bc	48	75	6	4000	StCu	4	-	4	•
Leafield	1025.2	0	SE'E	3	b	44	85	6	3700	StCu	2	-	2	•
Winchester (Worthy Dn.)	1025.8	+1	E'S	3	b	46	75	8	4000	StCu	1	-	1	•
S. Farnborough ...	1025.8	+1	ESE	2	b	47	65	6	-	-	0	Cc	1	•
London (Kew Obsy.) ...	1026.3	+2	ESE	2	b	48	65	5	-	-	0	Cc	1	•
Croydon	1026.2	+1	SE	2	b	43	75	6	-	-	0	asc	1	•
Shoeburyness	1027.3	0	ESE	2	bc	43	97	6	-	-	0	Cc	3	•
Clacton-on-Sea ...	1027.9	0	ESE	3	bc	44	85	7	-	-	0	Cc	4	2
Felixstowe	1028.8	+1	ESE	3	b	44	92	5	-	-	0	acu	1	3
Lympne	1027.2	+1	E	4	b-	45	65	6	-	-	0	Cc	1	•
Scilly (St. Mary's) ...	1018.6	-1	ESE	6	bc+	49	92	6	4000	StCu	6	-	6	4
Falmouth (Pendennis)	1020.5	-1	ESE	6	bc	48	85	7	4000	StCu	4	acu	6	4
Plymouth (Cattewater)	1021.9	+1	ESE	4	c+	49	65	7	4000	StCu	8	-	8	0
Portland Bill	1023.0	-1	E	4	bc-	47	85	6	2500	StCu	3	-	3	4
Southampton (Calshot)	1025.7	0	E	5	b	47	65	6	-	-	0	acu	1	3
Dungeness	1027.9	-1	E	2	bc	47	85	7	-	-	0	asc	3	1
Guernsey (Fort. George)	1023.0	+1	SE	2	c	48	75	8	3700	StCu	9	-	9	4

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 } 24 hours ended 7h.	18	cmslc	fwbzm	bfmx	55	36	23	-	Tr.	8.0	•	•	2
Croydon } 24 hours ended 7h.	244	bcbz	bzy	bzmx	55	35	22	-	-	9.3	•	•	6
Greenwich (Royal Obsy.) ..	149	bmfg	b	bzm	56	33	20	-	-	9.5	57	79	3
City (Bunhill Row)	80	•	•	•	•	•	•	•	•	7.2	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	57	40	30	-	-	6.1	51	75	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	6.0	•	•	•
Camden Square..	110	b	b	•	54	35	27	-	-	•	•	37	•
Kensington Palace	80	b	b	•	56	36	25	-	-	•	(At 18h.) 55	82	•
Hampstead Observatory ..	450	•	•	•	52	34	24	-	-	7.1	•	81	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.0	19h.26	0.3	11h.27

Kew Observatory			
Max.	Time.	Min.	Time.
1.0	11h.26	0.3	14h.26

POLE STAR RECORD at Greenwich Obsy.

Exposure from 26th 18 h. 45 m. to 27th 5 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	Record. %
Polaris	11.0	11.0	100
δ Ursæ Minoris	11.0	11.0	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=Snowing 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 to 29th February, 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.43 6.41	12.6 12.6	17.24 17.26
Greenwich	6.54 6.52	12.13 12.13	17.33 17.35
Wick	7.29 7.7	12.25 12.25	17.32 17.35
Valentia	7.36 7.33	12.54 12.54	18.13 18.15

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—10000 m.
h hail. ‡ intermittent.
ip precipitation within sight of station.
KQ line squall.] lightning.
o overcast sky. p passing showers.
q squally. r rain. s snow.
rs sleet. t thunder.
u ugly, threatening sky.
v unusual visibility. w dew.
x hoar frost. y dry air.
z dust haze; the turbid atmosphere of dry weather.
h(r)="hail" or "rain and hail."
Capital letters indicate intense; suffix o indicates slight; repetition of letters indicates continuity.
R = heavy rain. ro = slight rain. rr = continuous rain.

SYMBOLS.

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

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

SEA DISTURBANCE.

0=no swell } Calm or slight sea.
1=mod. swell } 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.

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 66 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.	2¾ "
6. Moderate.	6½ "
7. Good.	12½ "
8. Very good.	31 "
9. Excellent visibility, beyond 31 m	

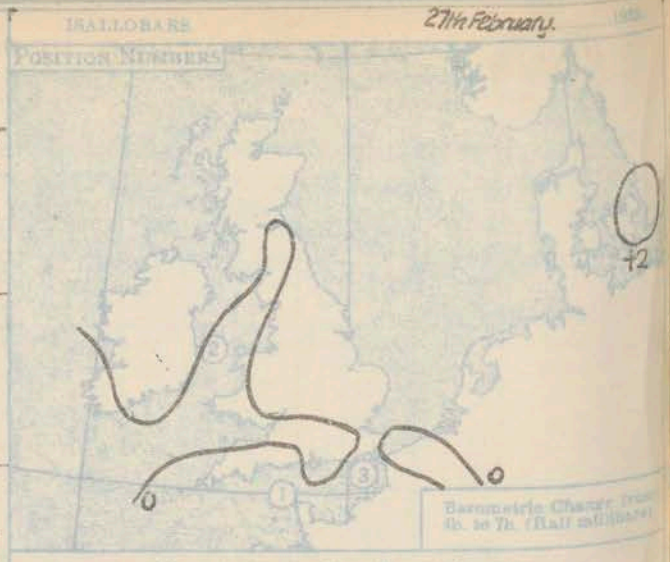
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

M.O. Form 2310.

SUMMARIES FOR THE PAST 24 HOURS.

Stations.	Weather. 7h.-18h. 26th.	Weather. 18h.-18h. 26th.	Weather. 18h. 26th. to 1h. 27th.	Weather. 1h.-7h. 27th.	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 26th. Hours.
Lerwick	cm	cm	bc	bcc	44	42	•	-	-	-	-	0.0
Stornoway	c	c	b-bc	c	46	29	•	-	-	-	-	3.3
Wick	FFmm	f-m	bcmm	mmbc	48	35	•	-	-	-	-	•
Tiree	m c	cbc	bcm	mcbc	48	40	36	-	-	-	-	0.0
Nairn	foF	Ffo	FFo	oFFo	35	28	•	-	-	-	-	0.0
Aberdeen	mffocm	cwom	omffo	ffcom	43	36	35	-	-	-	-	3.0
Malin Head	bcmm	cbcm	bcmm	bczz	50	44	•	-	-	-	-	1.2
Renfrew	bzff	bccmf	bcoff	ofcfc	41	34	34	-	-	0.1	-	0.0
Edinburgh (Inchkeith)	offc	oFfc	ofc	oFFc	42	35	33	Trace	48.00	Trace	-	2.4
Leuchars	oFxfm	bcm	bcmoff	ofoff	40	32	28	0.1	-	0.1	-	0.0
Eskdalemuir	bczby	bbcm	bcbm	bmbcfm	52	28	25	-	-	-	-	3.0
Tynemouth	oFF	bcfF	oFF	oFF	40	34	30	-	-	-	-	•
Blacksod Point ...	cb	b	b	b	51	45	•	-	-	-	-	•
Donaghadee	ffmm	bcmm	bcmmc	bcmmc	49	42	•	-	-	-	-	•
Birr Castle	cbc	bcz	bccz	c	54	44	38	-	-	-	-	5.4
Holyhead	cbcc	cm	cbcm	bcbm	53	41	35	-	-	-	-	5.3
Liverpool (Bidston) ...	oFc	bmcm	cbmc	bfx	47	36	32	-	-	-	-	2.5
Chester (Sealand) ...	offbcm	bczbzm	bff	bffx	49	29	25	-	-	-	-	3.6
Harrogate	oFf	ofbmbcf	bcboif	oFF	38	31	27	-	-	-	-	2.3
Spurn Head	mocb	bz	bw	bxbw	46	40	•	-	-	Trace	-	8.6
Birmingham (Edgbaston)	oFfb	bff	fmb	mfxb	50	35	24	-	-	-	-	4.2
Cranwell	Fbm	bm	b-bc	bmxF	54	26	22	0.1	-	-	-	7.0
Gorleston	bz	bz	bw	bwx	46	38	29	-	-	0.1	-	8.7
Valentia (Cahirciveen)	cbc	bzco	obcc	ocbc	54	50	47	-	-	-	-	6.0
Roches Point	cz	cpcbz	bbcc	bcw	51	46	•	-	-	Trace	-	•
Pembroke (St. Ann's H.)	bcm	bcm	bcm	bcbm	50	42	•	-	-	-	-	1.6
Ross-on-Wye	Fcfbm	bzbcz	bcb	bmx	50	33	22	Trace	-	-	-	5.4
Leafield	cb	b	bx	bx	52	34	28	0.1	-	-	-	5.5
Winchester (Worthy Dn.)	cxbcby	byb	b	bmx	54	36	26	-	-	-	-	7.6
S. Farnborough ...	cbmbz	bzy	bm	bmw	56	29	21	-	-	-	-	7.9
London (Kew Obsy.) ...	cmxbcfw	bzbm	bfm	bfx	55	36	23	-	-	Trace	-	8.0
Croydon	bcbz	bzy	bzmx	bxm	55	35	22	-	-	-	-	9.3
Shoeburyness	b	bm	bw	bmbmx	51	37	28	-	-	-	-	8.4
Clacton-on-Sea ...	bm	bbcm	bcbm	bmc	47	42	38	-	-	-	-	9.2
Felixstowe	bm	bm	bmbm	bmwb	48	40	29	-	-	Trace	-	5.0
Lympne	bbc	bcbm	bmb	bxbm	50	38	31	-	-	-	-	9.2
Scilly (St. Mary's) ...	bm	bbcm	bcb	bbc	54	47	•	-	-	-	-	8.9
Falmouth (Pendennis)	cbc	bcq	bcqc	cbc	50	47	•	-	-	-	-	5.6
Plymouth (Cattewater)	cbcq	bcpf	cb	bw	53	43	39	Trace	12.30	-	-	4.1
Portland Bill ...	bccz	cbcf	bcbz	bz	48	45	•	-	-	-	-	•
Southampton (Calshot)	cbm	b.bc	bmb	bpm	44	42	38	-	-	Trace	-	7.8
Dungeness	bbc	bc	bcb	b	{50}	?	•	-	-	-	-	•
Guernsey	cq	c	cbcb	bq	49	45	•	-	-	-	-	0.4

27th February.



Observations from Cross Channel Steamers.

Position	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air	Temp. Sea	Vis.
3	27th 2h	Arundel	ESE	3	b	46	47	6

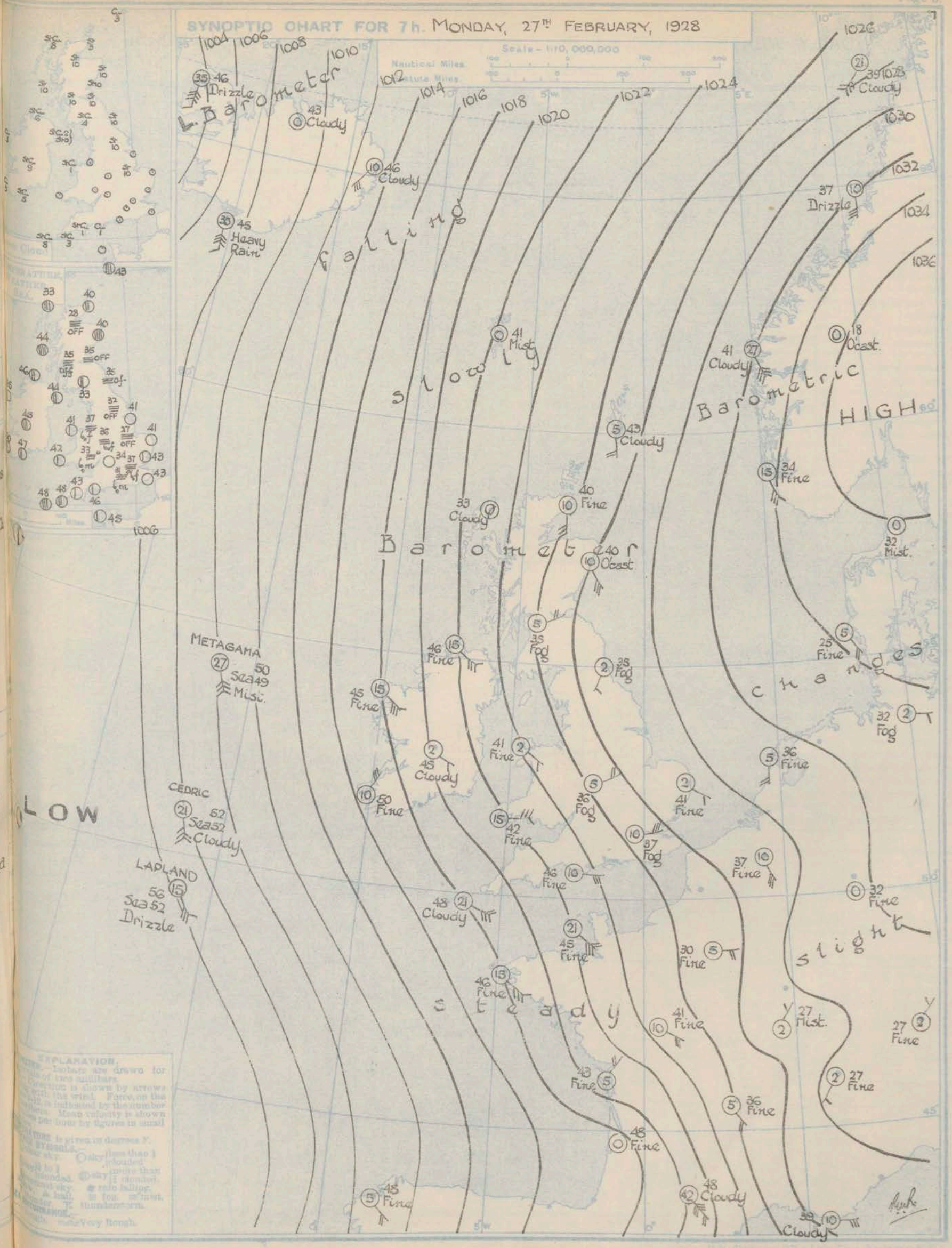
GENERAL INFERENCE.

An anticyclone still covers most of Europe and shows no signs of giving way. Winds will be from between East and South and the weather fair apart from local fog. Slight frost will occur inland at night but by day temperature will as a rule greatly exceed the normal for February except in Eastern England and Scotland.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Monday, 27th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light to moderate winds from between E. and S.E.; generally fine but local fog in the early morning; mild by day, slight ground frost locally at night.	Generally fair for two or three days except possibly in Southwest England and Southwest Ireland.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England	Moderate to fresh winds from between E. and S.E.; fine; mild by day, perhaps slight ground frost locally at night. As 1 - 4.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland 12. S.W. Scotland & Isle of Man 13. A. W. Scotland B. NW Scotland 14. Mid-Scotland 15. N.E. Scotland	Southeasterly to southerly winds, mainly light to moderate in force; fair apart from local fog; moderate day temperature, slight frost locally at night.	
16. Orkneys and Shetlands	Moderate S. winds; fair; moderate temperature.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	As 5.	

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

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


SYNOPTIC CHART FOR 7h. MONDAY, 27th FEBRUARY, 1928
Scale – 1:10,000,000
Nautical Miles
Statute Miles
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
L. Barometer falling slowly
Barometer
Barometric HIGH
changes slight
steady
LOW
METAGAMA
CEDRIC
LAPLAND
35 46 Drizzle
43 Cloudy
10 46 Cloudy
38 45 Heavy Rain
41 Mist
33 Cloudy
40 Fine
40 Ocast
5 43 Cloudy
21 39 Cloudy
37 Drizzle
41 Cloudy
18 Ocast.
15 34 Fine
32 Mist.
25 Fine
32 Fog
36 Fine
41 Fine
37 Fine
32 Fine
27 Mist.
27 Fine
27 Fine
36 Fine
48 Fine
48 Cloudy
59 Cloudy
46 Fine
35 Fog
35 Fog
45 Fine
45 Cloudy
41 Fine
36 Fog
41 Fine
37 Fog
42 Fine
46 Fine
45 Fine
30 Fine
41 Fine
43 Fine
48 Fine
27 Sea 49 Mist.
50 Fine
52 Sea 52 Cloudy
56 Sea 52 Drizzle
48 Cloudy
EXPLANATION.
Isobars are drawn for intervals of two millibars.
Direction is shown by arrows flying with the wind. Force on the Beaufort scale is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small type.
TEMPERATURE is given in degrees F.
CLOUD SYMBOLS.
sky less than ½ clouded
sky more than ½ clouded
rain falling
fog
snow
thunderstorm
WEATHER.
Very rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Monday 27th February....., 1928. No. 58.....

Stations.	Height above M.S.L. in feet.	Obs. at 1h. G.M.T. 27th: 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. 27th: 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	1027.0	0	S	2	bc	43	85	7	4000	Cu	2	ASt	6	1025.6	0	S	2	c	43	97	7	4000	Cu	3	ASt	10	•
Stornoway	30	1024.5	0	–	0	b	•	•	8	•	•	•	•	0	1023.5	0	–	0	c	33	97	6	4000	StCu	8	–	8	0
Wick	81	1025.6	0	SSW	3	~~bc~~ bc	36	97	5	2500	St	3	–	3	1025.7	+1	S	3	bc	40	97	7	1500	St	3	CiSt	5	0
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.9	0	ESE	5	bc	44	85	6	450	St	~~10~~ 5	–	~~10~~ 5	•
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.7	•	–	0	Ffo	28	92	1	1500	St	10	–	10	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.0	0	SSE	3	0	40	97	5	450	St	10	–	10	0
Malin Head	61	1021.7	0	SSE	4	bc	47	92	6	5700	StCu	7	–	7	1021.9	0	SE	4	bc	46	97	6	5700	StCu	6	ACu	6	1
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.2	0	ENE	2	ffo	35	97	2	450	St	10	–	10	•
Edinburgh (Inchkeith)	199	1026.6	0	ENE	2	Fo+	36	97	1	<150	St	10	–	10	1026.3	0	ENE	2	ffo	35	97	1	<150	St	10	–	10	0
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.8	+1	–	0	ffo	37	97	2	<150	St	10	–	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.5	0	N	3	bc	33	85	6	4000	StCu	4	–	4	•
Tynemouth	67	1028.3	0	S	1	Ffo	35	97	1	800	St	10	–	10	1028.2	+1	SSW	1	fo-	35	97	2	800	St	10	–	10	1
Blacksod Point	18	1018.5	+1	SE	3	bc	48	85	6	•	–	0	ACu	3	1017.6	0	SE	4	bc	45	92	7	•	Cu	3	–	3	3
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.9	0	SE	3	mmb	44	92	4	1500	St	7	–	7	2
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.3	•	SE	1	c+	45	85	7	2500	StCu	9	–	9	•
Holyhead	26	1024.1	+2	SW	1	bc+	43	92	5	5700	StCu	6	–	6	1023.8	0	SE	1	b	41	92	6	5700	StCu	1	–	1	0
Liverpool (Bidston)	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.1	0	SEE	3	ffb	37	92	3	–	–	0	–	0	•
Chester (Sealand)	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.0	+1	SE	2	ffb	29	92	3	–	–	0	–	0	•
Harrogate	476	•	•	•	•	•	•	•	•	•	•	•	•	•	1029.4	+1	SW	1	Ffo	32	97	0	<150	St	10	–	10	•
Spurn Head	28	1023.2	0	SE'S	3	b	41	97	6	–	–	0	–	0	1028.8	0	ESE	3	b	41	97	5	–	–	0	–	0	0
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1027.3	0	ENE	2	ffb	36	85	2	–	–	0	–	0	•
Cranwell	236	1028.9	+1	SE'E	1	b	33	97	5	–	–	0	–	0	1029.1	0	E	1	Ffo	27	97	1	<150	St	10	–	10	•
Gorleston	14	1029.6	0	–	0	b	40	92	6	–	–	0	–	0	1029.4	0	SEE	1	b	41	92	5	–	–	0	–	0	0
Valentia (Cahirciveen)F	30	1017.2	0	SSE	4	c	50	97	8	*	St	10	–	10	1016.2	-1	NE	3	bc	50	75	8	4000	Cu	3	CiSt	5	3
Roches Point	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.9	0	ESE	3	bc	47	92	7	2500	StCu	5	–	5	4
Pembroke (St. Ann's H.)	150	1022.4	+1	ESE	4	bc	46	97	6	1500	Cu	5	ACu	6	1021.8	-1	E	4	b-	42	97	6	–	–	0	ACu	2	0
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.3	0	–	0	mmb	33	92	4	–	–	0	–	0	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.3	0	ENE	3	b	34	92	5	–	–	0	–	0	0
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1025.5	-1	–	0	b	36	97	6	–	–	0	–	0	•
S. Farnborough	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.0	0	E'N	2	mmb	31	97	4	–	–	0	–	0	•
London (Kew Obsy.)	18	•	•	•	•	•	41	•	•	•	•	•	•	•	1027.0	0	E'N	3	ffb	37	92	3	–	–	0	–	0	•
Croydon	244	1027.2	0	ESE	2	b	41	85	6	–	–	0	–	0	1026.9	-1	SEE	2	b	35	97	5	–	–	0	–	0	0
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.0	0	ESE	3	b	40	97	6	–	–	0	–	0	•
Clacton-on-Sea	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.1	0	E	3	b	43	92	6	–	–	0	Ci	1	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1028.8	0	E	3	b	42	97	5	–	–	0	–	0	1
Lympne	350	1027.8	+1	E'S	5	b	46	65	7	–	–	0	–	0	1027.3	0	E	3	b	39	85	6	–	–	0	–	0	•
Scilly (St. Mary's)	163	1019.9	0	ESE	4	b-	49	92	7	4000	Cu	2	–	2	1019	0	E'S	5	c+	48	92	7	4000	StCu	8	–	8	4
Falmouth (Pendennis)	200	1020.9	-1	E'S	5	c	49	85	7	4000	StCu	9	–	9	1020.3	0	E'S	5	bc-	48	85	7	4000	StCu	8	–	8	1
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.6	0	ESE	3	b	43	85	7	4000	StCu	4	Ci	1	0
Portland Bill	52	1023.3	0	E	3	b	47	85	6	–	–	0	–	0	1022.4	0	E	3	b	46	92	6	2500	Ci	1	–	1	2
Southampton (Calshot)	10	1025.5	0	E'S	4	b	44	85	7	–	–	0	–	0	1024.7	-1	E	4	b	42	92	6	–	–	0	–	0	3
Dungeness	20	1027.2	-1	SE	~~2~~ 3	b-	46	85	7	–	–	0	–	0	1027.9	0	SE	3	b-	43	85	7	–	–	0	–	0	3
Guernsey (Fort George)F	205	1025.0	0	–	0	b	47	–	6	–	–	0	–	0	1022.9	0	SE	5	b	45	75	8	–	–	0	ACu	1	4

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

Stations.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h. 25th to 9h. 26th	Temperature. Max. 9h.-17h. 26th	Rainfall.† Night 17h.-9h. 25th-26th	Rainfall.† Day 9h.-17h. 26th	Sunshine. Sunrise to 17h. 25th	Sunshine. Sunrise to Sunset. 25th
(1)	(2)	(3)	(4) °F	(5) °F	(6) mm.	(7) mm.	(8) hr.	(9) hr.
Berwick-on-Tweed	cbc	bcc	30	40	–	–	3.6	6.7
Douglas (I. o. M.)	xc	b	36	46	–	–	4.4	0.0
Llandudno	b	bbc	39	56	–	–	8.0	5.8
Colwyn Bay	b	b	37	56	–	–	7.3	6.2
Rhyl	bc	b	34	54	–	–	7.0	6.1
Wallasey	foc bc	bcb f	33	48	–	–	2.7	1.3
Southport	bz	bcz	* ~~33~~ 30	50	–	–	5.3	1.5
Blackpool	cbc	b	32	49	–	–	5.9	4.0
Ilkley	om	obc	33	41	–	–	1.6	0.0
Cleethorpes	fb	b	28	51	0.1	–	7.0	7.3
Skegness	b	b	31	47	–	–	8.8	7.0
Aberystwyth	cbc	bcc	40	56	–	–	8.0	3.4
Bath	b	bbc	36	55	–	–	5.5	3.7
Cheltenham	cbcb	bbc	37	53	–	–	5.9	3.7
Leamington Spa	bc	bm	31	54	–	–	4.8	0.0
Lowestoft	b	b	36	49	–	–	9.3	8.5
Felixstowe	bcb	bm	41	46	Trace	–	9.2	9.0
Harwich & Dovercourt	bm	bcm	40	48	–	–	6.9	8.9
Southend	b	b	38	53	–	–	9.4	8.8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	cb	bbc	41	55	–	–	5.9	0.0
Bude	wbc	bcc	42	55	–	–	2.8	6.2
Penzance	b	b	48	53	–	–	7.6	3.4
Paignton	owb	cbcb	43	50	–	Trace	1.1	0.5
Torquay	om	obcbc	44	51	–	Trace	1.5	2.6
Jersey	c	c	46	52	–	–	1.8	9.3
Weymouth	bbc	b	40	50	–	–	3.5	4.2
Bournemouth	b	b	40	51	–	–	8.3	7.3
Ventnor	bz	bz	43	50	–	–	7.9	8.5
Portsmouth (S'thsea)	cb	b	41	51	–	–	7.5	9.0
Bognor	b	b	41	48	–	–	8.3	9.0
Littlehampton	bc	b	42	48	–	–	8.3	9.1
Worthing	b	b	40	50	–	–	8.5	9.8
Brighton	b	b	39	53	–	–	9.0	9.8
Eastbourne‡	b	b	33	51	–	–	9.8	8.9
Hastings‡	c	bbcc	42	50	–	–	9.0	8.4
Folkestone	b	bbc	38	52	–	–	8.3	9.4
Dover	b	b	34	53	–	–	9.4	9.2
Tunbridge Wells	b	b	36	55	–	–	9.1	8.8
Ramsgate	b	b	40	49	–	–	9.3	8.6
Margate	bc	bc	40	51	–	–	9.7	8.7
Deal	b	b	38	51	–	–	9.0	8.6

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. F The observations at 1h G.M.T. and, at Guernsey, the sunshine readings are from an auxiliary station. § For code see page 1. ‡ See footnote page 1.

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

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. No. B.24.204 Tuesday 28th February 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	1027.2	0	S	1	c	43	85	7	4000	Cu	1	A.St	10	•
Stornoway	1024.1	0	-	0	bc-	47	85	6	4000	Cu	4	-	4	•
Wick	1027.4	+2	S	2	bc	43	92	7	1500	St	5	-	5	•
Tiree	1023.8	0	ESE	5	c	46	85	6	800	StCu	8	-	8	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1028.6	0	SSE	3	b	43	85	5	450	St	1	-	1	1
Malin Head	1022.4	-1	E'N	3	bc	48	97	5	-	-	0	A.Cu	6	•
Renfrew	1027.5	0	ENE	3	fo-	38	97	4	800	St	10	-	10	1
Edinburgh (Inchkeith)	1027.1	0	ENE	2	iFo	38	97	1	<150	St	10	-	10	•
Leuchars	1029.1	+1	NE	1	o	39	97	5	220	St	10	-	10	1
Eskdalemuir	1026.4	0	SSE	3	b	52	45	6	-	-	0	-	0	1
Tynemouth	1029.1	-1	E	1	FFoc	37	97	1	1500	St	7	-	7	•
Blacksod Point	1017.4	0	SE	5	bc	50	75	7	*	St.Cu	6	-	6	•
Donaghadee	1024.1	-1	SE	4	b-	48	75	5	-	-	0	-	0	•
Birr Castle	1018.7	•	E	3	bc-	54	65	8	1500	Cu	3	Ci	4	•
Holyhead	1022.6	-3	SE'E	5	b	55	45	7	-	-	0	Ci.St	1	1
Liverpool (Bidston)	1024.7	-2	SE'E	3	b	50	55	5	-	-	0	-	0	•
Chester (Sealand)	1024.3	-4	SE'E	5	b	55	45	6	-	-	0	-	0	1
Harrogate	1028.1	0	SE	2	b	45	75	5	2500	St	1	-	1	•
Spurn Head	1028.5	0	E'S	2	b	41	75	6	-	-	0	-	0	•
Birmingham (Edgbaston)	1025.1	-2	SE	3	b	51	35	6	-	-	0	-	0	0
Cranwell	1028.2	-1	ESE	3	b	54	55	6	-	-	0	-	0	0
[illegible]rleston	1028.4	-1	E	1	b	46	85	6	-	-	0	-	0	•
Valentia (Cahirciveen)	1015.9	-1	SE'E	5	bc	54	55	8	4000	St.Cu	3	A.Cu	4	0
Roches Point	1018.2	-1	ESE	3	bc	49	85	7	2500	St.Cu	5	-	5	•
Pembroke (St. Ann's H.)	1021.1	-2	ESE	4	b	48	92	6	-	-	0	A.St	2	•
Ross-on-Wye	1023.4	-2	E	3	b	51	55	6	-	-	0	Ci.Cu	1	1
Leafield	1024.8	-2	SE'E	4	b	51	45	5	-	-	0	-	0	1
Winchester (Worthy Dn.)	1024.2	-2	ESE	3	b	52	55	8	-	-	0	-	0	1
S. Farnborough	1024.8	-2	SE	4	b	55	35	7	-	-	0	-	0	0
London (Kew Obsy.)	1025.6	-3	SE	4	b	54	35	7	-	-	0	-	0	1
Croydon	1025.8	-1	SE'E	3	b	55	45	7	-	-	0	-	0	1
Shoeburyness	1026.8	-1	E	3	b	51	75	6	-	-	0	-	0	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	•
Felixstowe	1027.9	-1	E	2	b	49	85	6	-	-	0	-	0	1
Lympne	1026.1	-2	ESE	4	b	53	35	7	-	-	0	-	0	0
Scilly (St. Mary's)	1016.8	-1	E'S	5	c	50	85	7	4000	St.Cu	8	-	8	•
Falmouth (Pendennis)	1018.9	-1	E'S	6	bc	49	75	8	4000	Cu	2	A.Cu	3	•
Plymouth (Cattewater)	1020.6	-2	SE	5	b	51	55	8	4000	Cu	1	A.Cu	1	1
Portland Bill	1022.0	-1	E'S	4	b	48	75	6	1500	St	1	-	1	•
Southampton (Calshot)	1024.3	-1	ESE	5	b	47	75	6	-	-	0	-	0	0
Dungeness	1026.5	-2	SE	2	b	51	65	7	-	-	0	Ci.St	2	1
Guernsey (Fort George)	1021.4	-2	SE	5	b	50	75	8	-	-	0	-	0	•

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	1026.7	-1	S	1	c	44	92	7	4000	Cu	2	A.St	9	•
Stornoway	1023.1	-1	-	0	b-	40	92	7	4000	Cu	1	-	1	0
Wick	1025.6	-1	S	2	bc	43	92	7	1500	St	5	-	5	0
Tiree	1022.0	-2	ESE	5	b-	47	75	7	-	-	0	-	0	3
Nairn	1025.4	•	-	0	fbc	31	92	3	1500	St	6	-	6	•
Aberdeen	1028.5	0	SSE	1	fb+	38	97	3	-	-	0	-	0	0
Malin Head	1020.2	-2	ENE	3	bc	48	75	5	5700	St.Cu	2	A.Cu	3	0
Renfrew	1025.6	-2	E	3	ffb	39	97	3	-	-	0	-	0	•
Edinburgh (Inchkeith)	1025.1	-2	NE	2	ifbc	39	97	3	<150	St	5	-	5	0
Leuchars	1027.2	-2	NE	1	FFo	35	97	1	<150	St	10	-	10	•
Eskdalemuir	1025.7	-2	NE'N	2	b	41	65	6	-	-	0	-	0	•
Tynemouth	1027.0	-2	SE	2	bc/F	41	85	7	800	St	4	-	4	1
Blacksod Point	1015.4	-1	SE	4	b	52	65	8	•	Cu	2	-	2	3
Donaghadee	1021.7	-3	ESE	4	bc+	47	75	5	1500	St	3	A.St	5	3
Birr Castle	1017.2	•	SE	3	bc	49	75	6	1500	Cu	1	Ci	3	•
Holyhead	1021.2	-1	E'S	3	b	47	85	6	-	-	0	Ci.St	1	2
Liverpool (Bidston)	1022.8	-1	ESE	3	mb+	48	65	4	-	-	0	-	0	•
Chester (Sealand)	1022.9	-1	~~SE'E~~ ESE	3	mb	45	75	4	-	-	0	Ci.St	1	•
Harrogate	1026.0	-1	ESE	1	mb	44	65	4	<150	St	2	-	2	•
Spurn Head	1026.3	-3	E	4	bc+	42	92	5	2500	St	4	-	4	0
Birmingham (Edgbaston)	1023.9	-2	ESE	3	fb+	48	55	3	-	-	0	-	0	•
Cranwell	1026.8	-1	ENE	2	b	43	85	5	-	-	0	-	0	•
[illegible]rleston	1026.9	-2	E'S	2	b	42	92	5	-	-	0	-	0	0
Valentia (Cahirciveen)	1013.7	-2	E'N	4	bc	50	75	8	2500	St.Cu	5	A.Cu	6	3
Roches Point	1017.1	-1	ESE	4	b	47	92	7	4000	St.Cu	2	-	2	4
Pembroke (St. Ann's H.)	1019.1	-2	ESE	3	bc	47	97	7	-	-	0	Ci.St	3	1
Ross-on-Wye	1022.2	-2	ESE	3	b	48	45	8	-	-	0	-	0	•
Leafield	1023.6	-1	SSE	2	b	44	55	8	5700	St.Cu	1	Ci.St	1	•
Winchester (Worthy Dn.)	1023.2	-1	E'N	2	b	45	55	8	-	-	0	-	0	•
S. Farnborough	1023.5	0	ESE	2	b	45	55	6	-	-	0	-	0	•
London (Kew Obsy.)	1024.2	0	ESE	2	b	48	45	5	-	-	0	-	0	•
Croydon	1024.6	0	E	1	b	41	65	6	-	-	0	-	0	•
Shoeburyness	1025.6	-2	E	3	b	43	92	6	-	-	0	-	0	•
Clacton-on-Sea	1025.7	-2	ENE	3	b	44	85	6	-	-	0	-	0	2
Felixstowe	1026.5	-1	NE'E	3	b	42	92	5	-	-	0	-	0	0
Lympne	1024.6	-1	ENE	4	b	46	65	5	-	-	0	-	0	•
Scilly (St. Mary's)	1016.6	0	ESE	5	bc-	48	92	7	4000	St.Cu	5	A.Cu	7	4
Falmouth (Pendennis)	1018.1	+1	ESE	6	bc	49	75	7	4000	St.Cu	2	Ci	5	4
Plymouth (Cattewater)	1019.9	-2	ESE	4	b	47	65	8	4000	St.Cu	1	Ci	1	0
Portland Bill	1020.2	-1	E'N	5	b	46	85	6	1500	St	1	A.Cu	2	4
Southampton (Calshot)	1022.4	-2	E'S	5	b	47	65	6	-	-	0	Ci	1	3
Dungeness	1024.4	-2	SE	2	bc+	46	97	6	-	-	0	Ci.St	4	2
Guernsey (Fort George)	1020.4	-2	ENE	5	bc+	48	75	8	4000	St.Cu	2	Ci	3	4

LONDON OBSERVATIONS.	Height above M.S.L. in feet.	Weather (24 Hours ended 9h.) Morning.	Afternoon.	Night.	Temperature Max. Day. °F.	Min. Nght. °F.	Min. on Grass. °F.	Rainfall† mm. Day.	Night.	Sunshine to Sunset. hrs.	Humidity 15h. G.M.T. % (Yesterday)	9h. G.M.T. % (To-day)	Visibility 9h.
Kew } 24 hours ended 7h.	18	b[illegible]	b3	bm[illegible]	55	35	24	-	0.1	8.4	•	•	2
Croydon } 24 hours ended 7h.	244	bxy	by	bmz	55	29	19	-	Tr.	9.8	•	•	4
Greenwich (Royal Obsy.)	149	bmg	bgm	bm[illegible]	x57	32	21	-	Tr.	9.6	32	86	3
City (Bunhill Row)	89	•			•	•	•	•	•	7.0	•	•	•
Westminster (St. James' Pk.)	27	•	•	•	57	38	31	-	-	7.8	30	89	•
Regent's Pk. (Botanic Gdns).	168	•	•	•	•	•	•	•	•	6.6	•	•	•
Camden Square	110	xbfb	b	•	57	33	26	-	-	•	•	93	•
Kensington Palace	80	b	b	•	57	36	27	-	-	•	(At 18h) 42	82	•
Hampstead Observatory	450	•	•	•	53	33	23	-	Tr.	8.3	•	87	•

ATMOSPHERIC POLLUTION. Milligrams of Solid Impurity per cubic metre.

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

South Kensington			
Max.	Time.	Min.	Time.
1.7	9h.29th	0.3	2h.28th

Kew Observatory			
Max.	Time.	Min.	Time.
1.1	9h.27th	<0.3	14h.27th

POLE STAR RECORD at Greenwich Obsy.

Exposure from 27th 18 h. 45 m. to 28th 5 h. 45 m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.0	10.33	96
δ Ursae Minoris	11.0	10.33	96

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

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

28th & 29th Feb., 1928.

STATIONS.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.47 6.45	12.6 12.6	17.26 17.28
Greenwich	6.52 6.50	12.13 12.13	17.35 17.36
Wick	7.17 7.14	12.25 12.25	17.35 17.37
Valentia	7.33 7.31	12.54 12.54	18.15 18.17

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. Ш = lunar halo.
With present weather is combined, whenever possible, the general character of the weather
A "solidus" divides actual existing weather from preceding conditions, thus:—bc/r = fair weather after rain; − = has decreased; + = has increased.

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

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

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

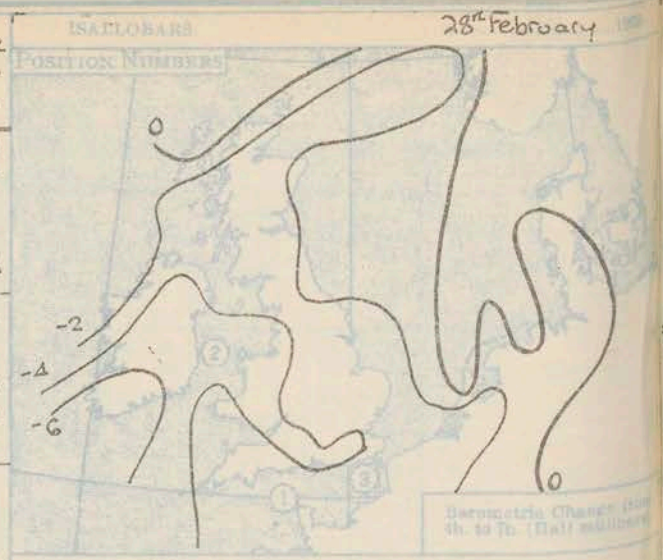
§ TELEGRAPHIC CODE FOR SURFACE VISIBILITY.

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

† Trace = rain has fallen, but amount less than 0·1 mm. * Information for 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.	begsn.	Night. 18h.-7h. mm.	begsn.	SUN 27th Hours.
Lerwick	c	c	bcb	bbcc	45	42	.	–	–	–	–	2.2
Stornoway	c	bbc	bbc	b	49	30	.	–	–	–	–	4.4
Wick	bbc	bbc	bbc	bbc	44	39	.	–	–	–	–	.
Tiree	bcc	cbc	bcm	bcm	50	41	38	–	–	–	–	3.4
Nairn	ifebc	ffec	fbcx	bcm	35	27	.	0.1	9.00	–	–	0.1
Aberdeen	omifbm	bmmffe	fefebm	bm cm	45	31	27	–	–	Trace	K21.00	4.3
Malin Head	bcmm	bcmm	bcbmm	bmm	52	40	.	–	–	–	–	5.3
Renfrew	offm	obmf	cffbm	bcffx	41	33	27	–	–	Trace	–	1.7
Edinburgh (Inchkeith)	oife	bife	febcb	bcmbm	41	35	26	Trace	–	Trace	K21.00	1.1
Leuchars	offom	ocmofe	Febmom	ofm	39	31	24	Trace	K8.00	0.1	–	0.0
Eskdalemuir	bcxbzy	byb	bm	bmbxm	52	29	25	–	–	–	–	9.0
Tynemouth	bcFF	bcFF	bc	boff	43	34	28	–	–	–	–	.
Blacksod Point ...	bc	bcb	b	bc	54	44	.	–	–	–	–	.
Donaghadee	mmbm	bbcm	bcm	bcm	48	43	.	–	–	–	–	.
Birr Castle	cbc	cz	bc	bc	56	40	36	–	–	–	–	6.7
Holyhead	bmz	bybz	bmz	bybz	56	41	31	–	–	–	–	9.4
Liverpool (Bidston) ...	bfmy	bbzy	3bf	bfx	52	35	29	–	–	–	–	6.5
Chester (Sealand) ...	bffzy	byz	bmm	bmm	55	25	19	–	–	–	–	8.1
Harrogate	Offmb	bbm	bocif	ocbeff	49	29	23	–	–	–	–	6.0
Spurn Head	b	bbc	bw	bxw	47	40	.	–	–	0.1	–	9.2
Birmingham (Edgbaston)	fb	bm	fbmb	mbfbx	52	33	28	–	–	–	–	7.4
Cranwell	bFb	cybm	bm	bfbmx	55	26	20	0.1	–	–	–	7.8
Gorleston	bm	bm	bm	bm	47	40	35	–	–	–	–	9.2
Valentia (Cahirciveen)	bcby	bcy	bcod	ofoc	57	48	46	–	–	1	24.00	3.5
Roches Point	bc	bcb	bbec	c	50	47	.	–	–	–	–	.
Pembroke (St. Ann's H.)	bm	b	b	bm	48	41	.	–	–	–	–	8.6
Ross-on-Wye	bmbz	byzby	bybzb	bbcm	53	33	26	–	–	–	–	9.4
Leafield	bm	by	bwx	bx	52	32	29	–	–	–	–	9.7
Winchester (Worthy Dn)	bxmby	by	by	bmx	53	33	26	–	–	–	–	~~6.3~~ 9.6
S Farnborough ...	bxmby	byz	bysbm	bmoff	56	34	26	–	–	Trace	–	9.7
London (Kew Obsy.) ...	bfxby	bbz	bmwx	bmfm	55	35	24	–	–	0.1	–	8.4
Croydon	bzy	by	bmz x	bmxfff	55	29	19	–	–	Trace	–	9.8
Shoeburyness	bm	bm	bm	bmbmx	51	34	27	–	–	–	–	8.9
Clacton-on-Sea ...	bm	bm	bm	bm	50	42	37	–	–	–	–	8.9
Felixstowe	bm	bm	bmw	bmw	49	37	33	–	–	Trace	–	9.5
Lympne	bzby	byz	bm	bmx	53	36	32	–	–	–	–	9.8
Scilly (St. Mary's) ...	cbcc	c	bc	bbc	50	47	.	–	–	–	–	1.6
Falmouth (Pendennis)	bcq	bcq	bcq	bcbq	49	48	.	–	–	–	–	9.1
Plymouth (Cattewater)	bwy	by	b	bmw	52	44	40	–	–	–	–	9.4
Portland Bill	bz	bz	bz	bbm	49	46	.	–	–	–	–	.
Southampton (Calshot)	bm	bbm	bm	bpm	48	41	36	–	–	–	–	9.0
Dungeness	b	bbcz	bcgm	mbmbc	51	39	.	–	–	–	–	.
Guernsey	bq	bbcq	b	b	51	44	.	–	–	–	–	9.7



Observations from Cross Channel Steamers.

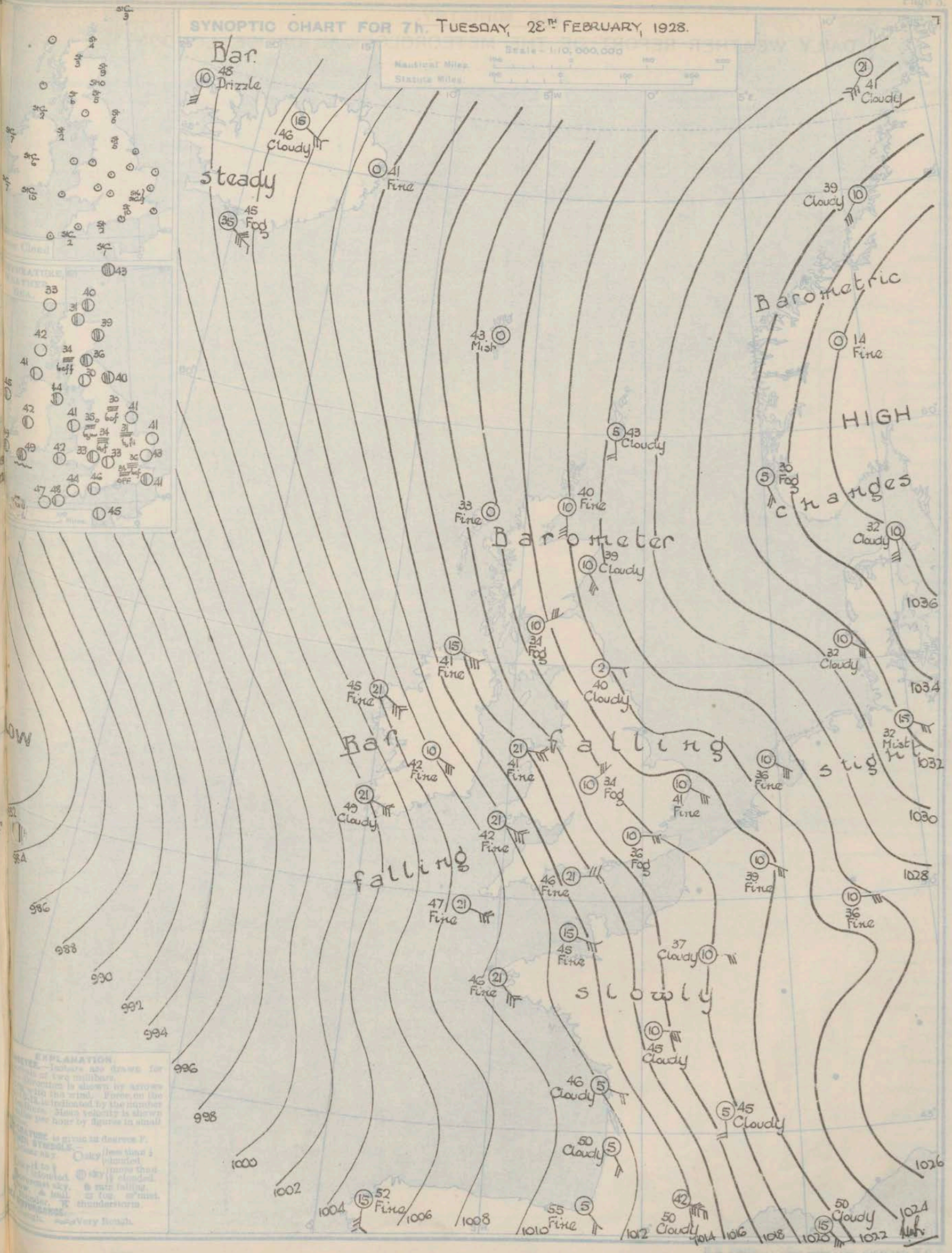
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	27th 10h	Hibernia	E	4	c	49	46
3	28th 2h	Brighton	ESE	4	b	45	47

GENERAL DIFFERENCE.

An anticyclone still covers most of Europe. A deep depression west of Ireland will probably move slowly north and cause a general increase of wind which will, however, continue from between East and South. Rain will occur locally in Ireland but elsewhere the weather will be fine.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Tuesday, 28th February, 1928.	Farther 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	Wind between E. and S.E., moderate to fresh, stronger at times in exposed places; fine, local mist and ground frost at night; rather high day temperatures except locally near the coast.	Generally fair to fine.
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 southeasterly, moderate to fresh, stronger at times in exposed places; fair, local mist or fog; slight frost locally at night; moderate or rather high day temperatures.	
16. Orkneys and Shetlands	Moderate S. wind; fair; rather cold.	
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Strong winds from between E. and S.E., veering to south later; mainly fair, but occasional local rain; rather mild.	

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


SYNOPTIC CHART FOR 7h. TUESDAY, 28TH FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Bar. steady
Barometric HIGH changes
Barometer falling slowly
Bar. falling slowly
10 48 Drizzle
15 46 Cloudy
0 41 Fine
35 45 Fog
43 Mish
5 43 Cloudy
10 40 Fine
33 Fine
10 39 Cloudy
10 34 Fog
15 41 Fine
2 40 Cloudy
45 21 Fine
10 42 Fine
21 41 Fine
10 34 Fog
21 49 Cloudy
21 42 Fine
10 36 Fog
10 41 Fine
10 36 Fine
10 39 Fine
46 21
47 21 Fine
15 45 Fine
37 Cloudy 10
46 21 Fine
10 45 Cloudy
46 5 Cloudy
5 45 Cloudy
50 5 Cloudy
15 52 Fine
55 5 Fine
42 50 Cloudy
15 50 Cloudy
21 41 Cloudy
39 Cloudy 10
0 14 Fine
5 30 Fog
32 Cloudy 10
10 32 Cloudy
15 32 Mist
1036
1034
1032
1030
1028
1026
1024
984
986
988
990
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
EXPLANATION
Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Tuesday, 28th February....., 1928. No. 59

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	1027.1	+1	S	2	b	44	85	8	4000	Cu	2	-	2	1026.2	0	S	2	c	43	85	8	5700	StCu	3	ASt	10	•
Stornoway	30	1021.5	0	-	0	b-	•	•	8	•	•	•	•	0	1019.0	0	-	0	b	33	85	6	-	-	0	-	0	0
Wick	81	1025.1	0	S	3	bc	41	97	7	1500	St	3	-	3	1023.8	-2	S	3	bc	40	97	7	1500	St	4	CiSt	6	3
Tiree	22	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.6	-3	SE	6	b	42	75	6	-	-	0	-	6	4
Nairn	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.0	•	-	0	bc-	31	85	6	1500	St	3	-	3	•
Aberdeen	46	•	•	•	•	•	•	•	•	•	•	•	•	•	1026.0	-1	SSE	3	c	39	92	6	800	St	9	-	9	0
Malin Head	51	1018.0	0	SSE	3	b	43	92	5	-	-	0	-	0	1015.4	-2	ESE	4	b	41	85	5	5700	StCu	2	-	2	0
Renfrew	36	•	•	•	•	•	•	•	•	•	•	•	•	•	1022.2	-2	ENE	3	ffbc	34	97	3	450	St	6	-	6	•
Edinburgh (Inchkeith)	190	1024.7	-1	E	1	b	37	97	8	-	-	0	-	0	1022.7	-2	NE	3	c+	36	97	5	450	St	5	CiCu	8	1
Leuchars	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1024.4	-2	E	2	o	38	92	5	220	St	10	-	10	•
Eskdalemuir	794	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.3	-2	N	2	b	30	85	6	-	-	0	-	0	•
Tynemouth	87	1026.7	-1	S	1	bc	37	97	7	800	St	4	-	4	1024.4	-1	E	1	cff	40	97	6	1500	St	8	-	8	1
Blacksod Point ...	18	1010.5	-2	SE	5	bc	45	75	7	•	Cu	3	-	3	1008.0	-1	SE	5	bc	45	85	7	•	StCu	7	-	7	4
Donaghadee	40	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.0	-3	SE	4	bc-	44	75	5	2500	St	2	ASt	3	3
Birr Castle	173	•	•	•	•	•	•	•	•	•	•	•	•	•	1010.0	•	SE	3	bc+	42	85	7	2500	StCu	6	-	6	•
Holyhead	26	1019.4	-2	SE	4	b	48	85	7	-	-	0	-	0	1015.8	-4	E	5	b	41	85	6	-	-	0	Ci	1	3
Liverpool (Bidston) ...	189	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.9	-4	ESE	3	mmb	35	85	4	-	-	0	-	0	•
Chester (Sealand) ...	16	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.1	-4	-	0	mmb	26	92	4	-	-	0	-	0	
Harrogate	478	•	•	•	•	•	•	•	•	•	•	•	•	•	1023.0	-3	ESE	1	ffbc	30	92	3	<150	St	5	-	5	•
Spurn Head ...	29	1024.8	-1	E'S	3	b	41	92	6	-	-	0	-	0	1021.7	-3	E	4	b	41	92	5	-	-	0	-	0	1
Birmingham (Edgbaston)	535	•	•	•	•	•	•	•	•	•	•	•	•	•	1019.7	-3	ENE	3	ffb	34	85	3	-	-	0	-	0	•
Cranwell	236	1026.3	-1	-	0	fb+	31	97	2	-	-	0	-	0	1023.3	-3	NE'E	1	fb+	31	97	2	-	-	0	-	0	•
Gorleston	14	1024.6	-2	ENE	3	b	42	92	6	-	-	0	-	0	1021.8	-3	ESE	3	b	41	92	6	-	-	0	-	0	0
Valentia (Cahirciveen)‡	30	1010.1	-3	SE'S	3	cv	49	97	9	-	St	8	-	8	1003.5	-7	ESE	5	c	49	75	8	4000	StCu	7	ACu	8	3
Roches Point	32	•	•	•	•	•	•	•	•	•	•	•	•	•	1008.7	-6	SE	4	c	49	85	7	2500	StCu	10	-	10	6
Pembroke (St. Ann's H.)	150	1017.3	-1	ESE	4	b	43	97	6	-	-	0	ACu	2	1012.7	-3	ESE	5	b	42	97	6	-	-	0	CiCu	1	4
Ross-on-Wye	223	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.3	-4	E	2	bc	33	92	5	-	-	0	Ci	6	•
Leafield	612	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.5	-3	ENE	4	b	33	97	5	-	-	0	Ci	2	
Winchester (Worthy Dn.)	272	•	•	•	•	•	•	•	•	•	•	•	•	•	1017.6	-4	NE	2	b	33	97	6	-	-	0	ASt	2	•
S. Farnborough ...	230	•	•	•	•	•	•	•	•	•	•	•	•	•	1018.5	-2	ESE	1	FFb	34	97	1	<150	St	10	-	10	•
London (Kew Obsy.) ...	18	•	•	•	•	•	42	•	•	•	•	•	•	•	1019.1	-1	E	3	ffbc	36	92	3	<150	St	7	-	7	•
Croydon	244	1022.6	-4	-	0	b	32	97	5	-	-	0	-	0	1019.6	-4	NEE	1	FFb	30	97	1	<150	St	10	-	10	
Shoeburyness	11	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.2	-2	E'S	2	b	40	92	6	-	-	0	-	0	•
Clacton-on-Sea ...	54	•	•	•	•	•	•	•	•	•	•	•	•	•	1020.7	-3	E	3	b	43	85	6	-	-	0	-	0	2
Felixstowe	15	•	•	•	•	•	•	•	•	•	•	•	•	•	1021.5	-2	E	3	b	42	92	5	-	-	0	-	0	1
Lympne	350	1022.3	-2	ESE	3	b	43	75	6	-	-	0	-	0	1019.5	-3	ENE	4	b+	37	85	5	-	-	0	Ci	1	•
Scilly (St. Mary's) ...	163	1013.5	-3	E'S	5	b-	48	92	8	-	-	0	-	0	1009.5	-4	ESE	5	b-	47	85	7	-	-	0	-	0	4
Falmouth (Pendennis)	200	1014.8	-3	SE'E	6	bc	49	75	7	4000	StCu	3	ACu	5	1011.2	-3	SE'E	6	b	48	85	7	4000	StCu	2	-	2	4
Plymouth (Cattewater)	82	•	•	•	•	•	•	•	•	•	•	•	•	•	1013.1	-3	E	4	b	44	85	6	-	-	0	-	0	1
Portland Bill ...	32	1018.1	-3	E	5	b	47	85	6	-	-	0	-	0	1014.5	-2	E	5	b	46	92	5	800	St	2	-	2	5
Southampton (Calshot)	10	1020.1	-4	E	4	b	44	85	7	-	-	0	-	0	1017.1	-4	E	4	b	42	75	6	-	-	0	Ci	1	3
Dungeness	20	1021.8	-4	E	2	bc+	44	92	5	450	St	6	-	6	1019.6	-3	ESE	3	bcfm	41	85	6	-	-	0	CiSt	4	3
Guernsey (Fort George)‡	295	1017.4	-3	E	3	b-	47	65	8	-	-	0	-	0	1014.9	-2	ESE	4	b	45	85	8	1200	StCu	1	-	1	4

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Monday 27th February.

Stations.	Weather. Fore-noon.	Weather. After-noon.	Temperature. Min. 9h. 26 to 9h. 27 °F	Temperature. Max. 9h. 27 to 9h. 28 °F	Rainfall.† Night 17h.-9h. 26-27 mm.	Rainfall.† Day 9h.-17h. 27 mm.	Sunshine. Sunrise to 17h. 27 hr.	Sunshine. Sunrise to Sunset. 26 hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	cbc	bc	29	46	-	-	6.4	3.6
Douglas (I. o. M.) ...	bz	bz	39	50	-	-	8.0	4.4
Llandudno ...	b	b	41	56	-	-	8.8	8.0
Colwyn Bay ...	b	b	38	55	-	-	8.7	7.3
Rhyl	b	b	38	55	-	-	8.7	7.0
Wallasey	cb	bf	35	54	-	-	6.2	2.7
Southport	bcz	bzcz	*33	57	-	-	7.0	5.3
Blackpool	mb	bcm	35	54	-	-	7.6	5.8
Ilkley	omc	bc	31	49	-	-	5.7	1.6
Cleethorpes	b	b	27	47	{Trace}	-	8.1	7.0
Skegness	b	b	39	47	-	-	9.0	8.8
Aberystwyth ...	z.bc	bc	41	54	-	-	9.3	8.0
Bath	b	b	35	53	-	-	9.6	5.5
Cheltenham ...	bm₀	b	38	53	-	-	9.8	5.9
Leamington Spa ...	b	b	30	54	-	-	7.4	4.8
Lowestoft	b	b	39	47	-	-	9.5	9.3
Felixstowe	b.bm	bm	41	47	0.2	-	9.4	9.2
Harwich & Dovercourt	bm	bm	40	49	Trace	Trace	9.4	8.9
Southend	bm	bm	41	54	-	-	9.5	9.4

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	b	42	53	-	-	8.1	5.9
Bude	wbcb	b	42	54	-	-	9.4	2.8
Penzance	b	b	47	52	-	-	7.3	7.6
Paignton	bw	b	40	51	-	-	9.1	1.1
Torquay	wb	b	46	52	-	-	9.5	1.5
Jersey	b	b	47	57	-	-	9.5	1.8
Weymouth	b	b	39	49	-	-	9.2	3.5
Bournemouth ...	b	b	39	50	-	-	9.5	8.3
Ventnor ...	bz	bz	42	51	-	-	9.5	7.9
Portsmouth (S'thsea)	b	b	40	50	-	-	9.3	7.5
Bognor	b	b	42	49	-	-	9.5	8.3
Littlehampton ...	b	b	42	49	-	-	9.3	8.8
Worthing	b	b	42	50	-	-	9.5	8.5
Brighton	b	b	41	54	-	-	9.5	9.0
Eastbourne	b	b	37	50	-	-	9.9	8.8
Hastings‖	b	b	42	52	-	-	9.6	9.0
Folkestone	xbc	mb	39	51	-	-	8.7	8.3
Dover	m₀b	m₀b	37	53	-	-	9.4	9.4
Tunbridge Wells ...	b	b	36	54	-	-	9.7	9.1
Ramsgate	b	b	42	48	-	-	9.2	9.3
Margate	bc	bc	40	52	-	-	9.4	9.7
Deal	b	b	41	51	-	-	8.9	9.0

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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. 24205 Wednesday, 29th February, 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	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	State of ground.
Lerwick	1026.0	-1	SE	3	bc	45	85	8	4000	Cu	3	ASt	5	•
Stornoway	1016.8	-4	ESE	3	b	49	65	7	-	-	0	-	0	•
Wick	1023.4	-1	S	4	bc	44	97	7	1500	StCu	4	CiSt	6	•
Tiree	1014.2	-4	SE'E	6	b-	49	55	6	-	-	0	-	0	0
Nairn	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Aberdeen	1024.1	-3	SE	3	bc+	46	85	5	800	St	6	-	6	1
Malin Head	1010.7	-8	SE	6	b	50	65	6	-	-	0	ACu	1	•
Renfrew	1017.8	-6	E	5	b	45	65	5	-	-	0	-	0	1
Edinburgh (Inchkeith)	1019.4	-3	NE	3	c	44	92	6	800	St	9	-	9	•
Leuchars	1021.6	-4	E	3	o	43	92	5	460	St	10	-	10	1
Eskdalemuir	1018.6	-6	ENE	4	b	44	65	6	-	-	0	-	0	1
Tynemouth	1020.8	-4	ESE	2	bc-	45	92	6	1500	St	4	-	4	•
Blacksod Point	1002.1	-3	SE	6	bc	51	65	7	*	Cu	3	-	3	•
Donaghadee	1015.0	-4	SE	6	b*	47	75	6	-	-	0	-	0	•
Birr Castle	1006.1	•	ESE	4	b-	50	65	6	2500	Cu	1	-	1	•
Holyhead	1011.4	-5	E'S	5	b	51	55	6	-	-	0	CiSt	1	1
Liverpool (Bidston)	1014.5	-5	E'S	5	b-	49	45	6	-	-	0	-	0	•
Chester (Sealand)	1014.8	-6	SE'E	4	b	51	45	6	-	-	0	-	0	0
Harrogate	1018.9	-3	ENE	2	ffbc	41	85	3	<150	St	3	-	3	•
Spurn Head	1019.1	-3	E'S	5	b	45	75	6	-	-	0	-	0	•
Birmingham (Edgbaston)	1015.4	-5	SE	4	b	50	45	6	-	-	0	-	0	2
Cranwell	1018.2	-7	E	4	b	52	55	6	-	-	0	-	0	0
Gorleston	1019.3	-2	ESE	3	b	46	75	6	-	-	0	-	0	•
Valentia (Cahirciveen)	998.4	-5	SE'S	7	c	51	75	8	2500	St	10	-	10	0
Roches Point	1003.8	-6	SE	6	bc	50	85	7	1500	StCu	2	CiCu	7	•
Pembroke (St. Ann's H.)	1009.5	-4	ESE	6	b	44	97	6	-	-	0	-	0	•
Ross-on-Wye	1012.8	-4	E'S	4	b	53	45	6	-	-	0	-	0	1
Leafield	1014.4	-4	E	4	b	51	65	6	-	-	0	-	0	0
Winchester (Worthy Dn.)	1014.6	-4	E'S	3	b	52	55	7	-	-	0	-	0	0
S. Farnborough	1016.0	-4	SE	4	b	65	45	6	-	-	0	CiSt	1	0
London (Kew Obsy.)	1015.7	-4	E'N	4	b	51	55	5	-	-	0	-	0	1
Croydon	1016.1	-4	ESE	5	b+	52	55	6	-	-	0	CiSt	2	1
Shoeburyness	1017.2	-3	SE'E	4	b	47	65	7	-	-	0	Ci	1	•
Clacton-on-Sea	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Felixstowe	1019.1	-3	E'N	3	b	48	75	6	-	-	0	-	0	0
Lympne	1016.9	-3	ESE	4	bc	50	55	5	-	-	0	Ci	6	0
Scilly (St. Mary's)	1006.0	-4	SE'E	6	c	49	92	7	4000	StCu	9	-	9	•
Falmouth (Pendennis)	1007.6	-3	SE'E	7	b	49	85	7	4000	StCu	2	-	2	•
Plymouth (Cattewater)	1009.5	-4	SE	5	b	52	65	8	4000	Cu	1	Ci	1	1
Portland Bill	1011.6	-2	ENE	5	b	48	85	6	-	-	0	-	0	•
Southampton (Calshot)	1014.3	-3	ESE	5	b	47	75	6	-	-	0	-	0	0
Dungeness	1016.7	-3	SSE	3	bc+	48	75	7	-	-	0	CiCu	6	•
Guernsey (Fort George)	1011.9	-3	ESE	4	b	50	75	8	4000	Cu	1	-	1	•

Observations at 18h. G.M.T. 28th

Stations	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind Direc.	Wind Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud Low Height Feet	Cloud Low Form	Cloud Low Amt. 0-10	Upper Form.	Total Amt. 0-10	Sea. 0-9
Lerwick	1025.4	-2	S[illegible]	[illegible]	[illegible]	42	92	8	4000	Cu	8	-	8	•
Stornoway	1013.1	-4	ESE	5	b	45	92	7	-	-	0	-	0	4
Wick	1020.9	-3	S	5	c	43	92	6	1500	St	8	-	8	4
Tiree	1009.9	-3	E'S	6	b-	47	97	6	-	-	0	-	0	4
Nairn	1017.6	•	ESE	2	bc	44	66	7	1500	St	4	-	4	•
Aberdeen	1021.3	-2	SE'E	4	b	41	85	6	-	-	0	-	0	1
Malin Head	1006.1	-5	SE	6	b	48	75	6	-	-	0	ACu	1	4
Renfrew	1014.0	-4	E	4	mmb	44	85	4	-	-	0	-	0	•
Edinburgh (Inchkeith)	1016.1	-2	E	3	b-	41	85	6	800	St	1	-	1	1
Leuchars	1018.7	-3	ESE	4	b	41	85	6	-	-	0	Ci	1	•
Eskdalemuir	1015.6	-2	ENE	5	b	39	75	6	-	-	0	-	0	•
Tynemouth	1017.8	-2	ESE	3	bc	42	92	7	1500	St	3	-	3	4
Blacksod Point	998.1	-2	S	6	bc	50	75	7	•	-	0	ASt	7	7
Donaghadee	1011.0	-4	ESE	8	b-	47	65	6	-	-	0	-	0	6
Birr Castle	1001.9	•	SE	5	c+	50	75	7	2500	StCu	9	-	9	•
Holyhead	1009.0	-1	E'S	5	b	47	75	5	-	-	0	CiSt	1	4
Liverpool (Bidston)	1012.1	-2	E'S	4	mmb	47	65	4	-	-	0	-	0	•
Chester (Sealand)	1011.9	-3	ESE	4	b	45	65	6	-	-	0	-	0	•
Harrogate	1016.6	-1	E'S	2	bc	40	85	5	2500	St	3	-	3	•
Spurn Head	1016.5	-3	E'S	6	bc	42	92	5	~~4000~~	~~(StCu)~~	(4)	ACu	~~(4)~~	6 4
Birmingham (Edgbaston)	1013.0	-2	ESE	4	mb+	46	55	4	-	-	0	-	0	•
Cranwell	1016.0	-2	ESE	4	b	42	75	6	-	-	0	-	0	•
Gorleston	1017.8	-4	E'S	4	b	43	85	6	-	-	0	-	0	4
Valentia (Cahirciveen)	993.9	-4	SE	6	cr₀r₀	51	85	7	1500	St	10	-	10	4
Roches Point	999.9	-4	SSE	7	c+	49	92	7	1500	StCu	9	-	9	6
Pembroke (St. Ann's H.)	1005.1	-3	ESE	5	bc+	43	97	7	1500	StCu	5	Ci	7	4
Ross-on-Wye	1011.3	-1	ESE	4	b+	49	65	7	4000	StCu	1	-	1	•
Leafield	1012.5	-1	ESE	5	c	46	65	8	4000	StCu	9	-	9	•
Winchester (Worthy Dn.)	1012.9	-2	E	2	b	45	75	7	4000	StCu	1	-	1	•
S. Farnborough	1013.1	-2	SE'S	4	b-	48	75	6	4000	StCu	2	-	2	•
London (Kew Obsy.)	1014.4	-1	ESE	4	c+	47	65	6	4000	StCu	8	-	8	•
Croydon	1014.7	0	ESE	4	bc	45	65	7	4000	StCu	6	ASt	7	•
Shoeburyness	1016.2	-1	E'S	4	o	45	85	6	2600	St	10	-	10	•
Clacton-on-Sea	1016.5	-2	ESE	4	bc	45	85	6	-	-	0	ACu	5	3
Felixstowe	1017.0	-2	E	3	b	44	85	5	-	-	0	ACu	1	1
Lympne	1015.2	-2	E'S	4	cr₀r₀	45	85	6	2500	Nb	6	ASt	8	•
Scilly (St. Mary's)	1003.6	-2	SE'E	5	c	50	92	6	4000	StCu	9	-	9	5
Falmouth (Pendennis)	1004.1	-2	SE'E	7	c+	49	85	7	4000	StCu	9	-	9	4
Plymouth (Cattewater)	1007.4	-1	E	5	c	49	85	7	2600	Nb	9	ASt	10	1
Portland Bill	1009.4	-2	E	5	c+	47	85	6	2600	StCu	9	-	9	5
Southampton (Calshot)	1012.2	-1	E	6	b+	46	85	6	-	-	0	CiSt	2	6
Dungeness	1014.8	-3	ESE	4	c+	47	85	7	2500	Nb	3	ACu	8	4
Guernsey (Fort George)	1008.6	-2	SE	5	c+	51	75	8	2600	StCu	7	ASt	9	5

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 8h. G.M.T. % (To-day)	Visibility 8h.
Kew } 24 hours ended 7h.	18	bcfzbz	bzyc	cbbom	53	41	35	0.1	Tr.	7.4	*	*	3
Croydon } 24 hours ended 7h.	244	ofzbm	yBz	bcc	53	41	35	-	-	7.3	*	*	6
Greenwich (Royal Obsy.)	16[illegible]	bz₀	bybcb	bcbc	54	39	30	-	-	8.5	51	81	4
City (Bunhill Row)	30	*	*	*	*	*	*	*	*	7.2	*	*	*
Westminster (St. James' Pk.)	27	*	*	*	54	41	32	-	-	7.0	59	80	*
Regent's Pk. (Botanic Gdns).	168	*	*	*	*	*	*	*	*	6.7	*	*	*
Camden Square	110	b	bcb	*	52	41	33	-	-	*	*	87	*
Kensington Palace	80	b	bc	*	53	41	33	-	-	*	(At 18h) 56	75	*
Hampstead Observatory	450	*	*	*	50	37	27	-	Tr.	7.9	*	87	*

Atmospheric Pollution. Milligrams of Solid Impurity per cubic metre.

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

South Kensington Max.	Time.	Min.	Time.
1.3	9h 28th	0.3	16h 28th

Kew Observatory Max.	Time.	Min.	Time.
1.0	10h 28th	<0.3	16h 28th

Pole Star Record at Greenwich Obsy.

Exposure from 28th 18.45 h. m. to 29th 5.45 h. m.

Stars.	Exposure. h. m.	Record. h. m.	%
Polaris	11.0	8.52	81
δ Ursae Minoris	11.0	8.15	75

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 Feb. & 1st March, 1928.

Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.45	12.6	17.28
Greenwich	6.50	12.13	17.36
Wick	7.14	12.25	17.37
Valentia	7.31	12.54	18.17

Beaufort Notation of Weather.

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

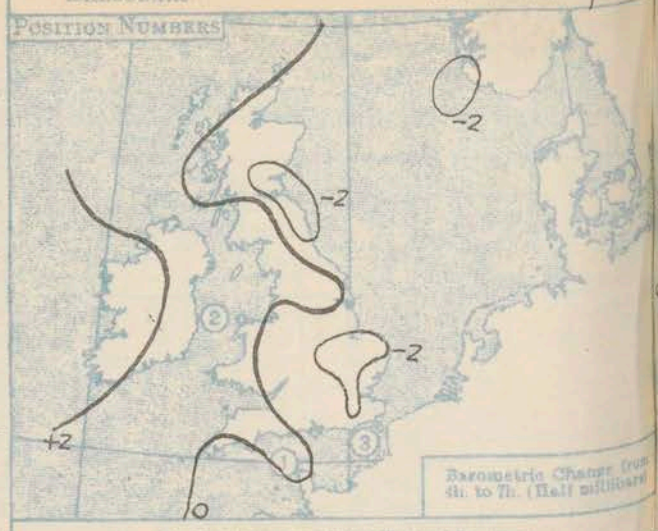
† Trace = rain has fallen, but amount less than 0·1 mm. * Information for these columns not usually received. ‡ The barometric change is expressed in half millibars.

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	c bc	c	c	c bc	46	40	.	–	–	–	–	6.0
Stornoway	b-bc	b-bc	bbc	bbc	49	40	.	–	–	–	–	7.8
Wick	b-bc	b-bc	bbc	bbc	45	40	.	–	–	–	–	.
Tiree	bc	bc	bc	bcqc	51	42	35	–	–	–	–	8.2
Nairn	bc	bc	bcp.q	bcq	50	38	.	–	–	0.1	22.00	8.2
Aberdeen	cbbcm.	bcbm.	b.c	c	46	39	36	–	–	–	–	4.9
Malin Head	bm3.3.	b3.3.	bbcc3	c.Rmm	50	42	.	–	–	4	3.30	8.5
Renfrew	bfm3.	b3.q	b3.	b3.bc	48	37	35	–	–	–	–	7.1
Edinburgh (Inchkeith)	m.c	c bc	bbc	c	45	39	33	0.1	–	–	–	8.7
Leuchars	om.	om.bm.	b.bccm	com.	45	39	37	–	–	–	–	3.7
Eskdalemuir	bxb3.	b3.y	b3.	b3.bm.	49	34	30	–	–	–	–	9.0
Tynemouth	bc	bc	bc.	.	46	39	26	–	–	–	–	.
Blacksod Point ...	b	bc	cr.	bcb	52	43	.	–	–	6	*	.
Donaghadee	bcb3.	~~b3.3.~~	bcm.	c.ihr	48	42	.	–	–	1	5.30	.
Birr Castle	bcb3.	c	corr	orr	53	44	42	–	–	5	22.00	7.7
Holyhead	bm.3.	by3.	bbcc	cm.	54	45	37	–	–	1	4.30	8.6
Liverpool (Bidston) ...	bm3.y	by3.3	3b	bccp.	50	40	38	–	–	Trace	4.30	6.5
Chester (Sealand) ...	bmf3.	b3.y	b.cm.	cm.	52	38	34	–	–	Trace	6.30	7.1
Harrogate	bcff	bfmbc	bcco	Comm	48	36	34	–	–	–	–	5.1
Spurn Head	b-bc	b-bc	bbc	bbc	45	40	.	–	–	–	–	8.0
Birmingham (Edgbaston)	mb	b3	bbc	bcc	52	33	34	–	–	–	–	7.9
Cranwell	xfbm	b	bfm	bmxw	52	32	28	–	–	0.3	–	8.5
Gorleston	bm.	bm.	bm.	bbcm.	46	40	38	–	–	–	–	9.3
Valentia (Cahirciveen)	cbcco	or.	orcp.	bcb	55	35	33	1	16.30	6	21.00	1.9
Roches Point	cbc	c	corr	c	51	43	.	–	–	9	21.00	.
Pembroke (St. Ann's H.)	bm.	bbc	cPRm	orm	49	4~~1~~3	.	–	–	2	22.00	8.6
Ross-on-Wye	bmb3	by3	bbcc	c	54	42	37	–	–	Trace	6.30	9.7
Leafield	b3.	by3.	bcb	bcc	52	38	36	–	–	Trace	6.30	8.8
Winchester (Worthy Dn.)	bxmby	by	bbc	bcm.	53	40	35	–	–	Trace	6.30	9.4
S Farnborough ...	pfby	by bc	b3.m.	bmcm	55	38	32	–	–	–	–	7.3
London (Kew Obsy.) ...	bcfxb3	b3.yc	cb.	bcm	53	41	35	0.1	–	Trace	–	7.4
Croydon	orebmy	b3.yc	bbc	bcc	53	41	35	–	–	–	–	7.3
Shoeburyness	bm.	bcm.	o.pbcm	bcm.	48	41	38	–	–	Trace	21.00	8.6
Clacton-on-Sea ...	bm	bbcm	bcmbm	bmbc	48	43	40	–	–	–	–	8.9
Felixstowe	bm.	bbcb	bm.	bbcb	48	4~~3~~2	35	–	–	–	–	9.3
Lympne	bbc3.y	bc3.rm	cr.bc	bcm.	50	40	37	0.1	17.30	Trace	21.00	7.4
Scilly (St. Mary's) ...	bbcc	c	cor	ordm	52	48	.	–	–	4	22.00	4.4
Falmouth (Pendennis)	bq	bbcq	corq	orq	49	49	.	–	–	5	24.00	7.1
Plymouth (Cattewater)	bm.q	bq.c	corq	corm	53	48	47	–	–	2	22.00	7.6
Portland Bill	b3.	bbc3.	cp3.	cb3.	48	46	.	–	–	Trace	22.00	.
Southampton (Calshot)	bmm	bm.	bmbccc	crm.	47	44	42	–	–	Trace	22.00	8.6
Dungeness	bcmbc	bcc	cbc	b	50	44	.	–	–	–	–	.
Guernsey	b	bbcq.v	cq	cirv	51	47	.	–	–	0.5	4.30	8.5

bm.

ISALLOBARS 28th February 1928.



Observations from Cross Channel Steamers.

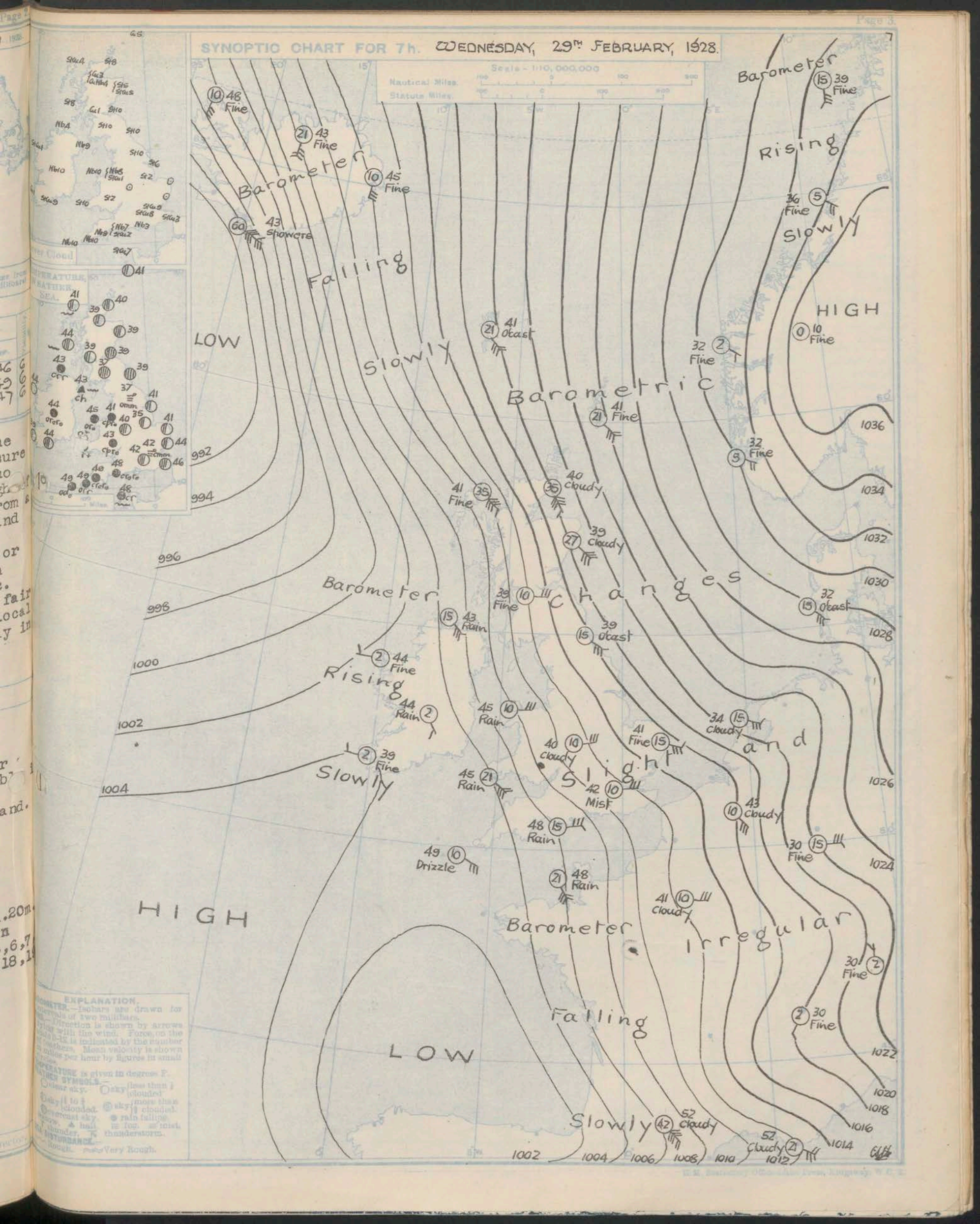
Position.	Date and Time.	Steamship.	Wind. Direc.	Wind. Force.	Weather.	Temp. Air.	Temp. Sea.
2	28th 10h	Hibernia	E	6	c	47	46
1	28th 12h	St. Julien	ESE	4	fb	50	49
3	28th 12h	Arundel	ESE	4	bc+	47	47

GENERAL INFERENCE.

The Continental anticyclone continues, with highest pressure over Scandinavia, and shows no signs of giving way. A trough of low pressure which extends from a depression southwest of Iceland across Ireland to the Bay of Biscay will probably fill up or become merged in a new trough approaching from Mid-Atlantic. The weather should be mainly fair for the next day or two, but local rain or hail is expected today in Western England, Ireland and S.W. Scotland.

Districts.	Forecasts for the 24 hours commencing 15h. G.M.T. Wednesday 29th February, 1928.	Further Outlook.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Wind E. to S.E., strong at times locally; varying amount of cloud; moderate temperature.	Mainly fair except possib[illegible] Ireland and Western England.
5. S.W. England ⚓ 6. South Wales ⚓ 7. North Wales ⚓ 8. N.W. England ⚓	Wind mainly southeasterly, moderate to fresh; varying amount of cloud, occasional rain or hail locally today, probably fairer tomorrow; moderate temperature.	
9. N. Midlands 10. N.E. England 11. S.E. Scotland	Southeasterly winds, strong at times; varying amount of cloud; rather low to moderate temperature.	⚓ South Cone hoisted 14h.20m. yesterday in districts 5,6,7, 8,12,13,17,18,19, 20.
12. S.W. Scotland & Isle of Man ⚓ 13. A. W. Scotland ⚓ B. NW. Scotland	Wind S.E., strong at first, moderating; varying amount of cloud, occasional rain or hail locally today, probably fairer tomorrow; moderate temperature.	
14. Mid-Scotland 15. N.E. Scotland 16. Orkneys and Shetlands	Wind S.E., strong at first, decreasing; varying amount of cloud; rather low to moderate temperature.	
17. N.W. Ireland ⚓ 18. N.E. Ireland ⚓ 19. S.E. Ireland ⚓ 20. S.W. Ireland ⚓	Wind variable to southerly, generally moderate; mainly fair but a few local showers of rain or hail; moderate temperature.	

EVN


SYNOPTIC CHART FOR 7h. WEDNESDAY, 29TH FEBRUARY, 1928.
Scale - 1:10,000,000
Nautical Miles
Statute Miles
Barometer Falling Slowly
Barometer Rising Slowly
HIGH
LOW
Barometric Changes Slight and Irregular
Barometer Falling Slowly
Barometer Rising
HIGH
LOW
992
994
996
998
1000
1002
1004
1006
1008
1010
1012
1014
1016
1018
1020
1022
1024
1026
1028
1030
1032
1034
1036
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of two millibars.
WIND.—Direction is shown by arrows flying with the wind. Force, on the Beaufort 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 ⅞ clouded. overcast sky. sky more than ⅞ clouded. rain falling. hail. fog. mist. thunder. thunderstorm.
SEA DISTURBANCE.—Rough. Very Rough.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION.....Wednesday, 29th February..... 1928. No. 60...

STATIONS.	Height above M.S.L. in feet.	Observations at 1h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Observations at 7h. G.M.T. 29th: Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility.§ 0-9	Cloud. Low. Height Feet	Cloud. Low. Form	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 0-9
Lerwick	54	1023.0	0	SSE	5	c	41	85	8	4000	Cu	8	-	8	1022.8	0	SE	5	bc	41	85	8	4000	Cu	5	-	5	.
Stornoway	30	1011.4	-2	E	5	b	.	.	8	.	.	.	.	0	1009.8	0	SE	7	bc	41	75	7	2500	StCu	4	CiSt	5	6
Wick	81	1018.8	-2	SSE	5	bc	41	97	8	1500	St	5	-	5	1015.3	-1	SSE	7	c	40	97	7	1500	St	8	ASt	10	6
Tiree	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1007.2	0	ESE	87	c	44	75	7	1500	St	8	ACu	9	6
Nairn	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1014.5	.	SSE	5	bc+	39	45	7	4000	CuNb	7	-	7	.
Aberdeen	46	.	.	.	.	.	.	.	.	.	.	.	.	.	1018.6	-1	SE	6	c	39	85	6	1500	St	10	.	10	4
Malin Head	61	1004.7	-1	SE	7	c+	44	92	6	4000	StCu	9	-	9	1005.6	+1	SE	4	crr	43	97	5	4000	Nb	4	ASt	10	4
Renfrew	30	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.7	0	E	3	bc+	39	85	6	5700	Cu	1	Ci	4	.
Edinburgh (Inchkeith)	190	1014.8	0	SE	3	c+	40	85	7	1500	St	9	-	9	1012.9	-3	E	4	o	39	92	7	800	St	10	-	10	7
Leuchars	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1016.0	-3	SE	5	o	40	85	6	800	St	10	-	10	.
Eskdalemuir	794	.	.	.	.	.	.	.	.	.	.	.	.	.	1014.2	+1	E'S	3	o	37	92	5	800	St	10	-	10	.
Tynemouth	67	1016.5	-2	SE	3	o	41	92	7	1500	St	10	-	10	1015.2	-2	SE	4	o	39	97	6	800	St	10	-	10	4
Blacksod Point ...	18	2969	0	S	6	orr	48	92	6	.	Nb	10	-	10	1003.2	+3	W	1	b	44	85	7	.	StCu	1	-	1	7
Donaghadee	40	.	.	.	.	.	.	.	.	.	.	.	.	.	1008.1	+1	SSE	7	ch(r)	43	85	7	1500	Nb	9	-	9	6
Birr Castle	173	.	.	.	.	.	.	.	.	.	.	.	.	.	1002.7	.	SSE	1	orr	44	97	6	1500	Nb	10	-	10	.
Holyhead	26	1007.3	0	SE'E	4	c	45	85	6	5700	StCu	10	-	10	1006.7	0	E'S	3	or+	45	92	5	2500	Nb	10	-	10	1
Liverpool (Bidston) ...	189	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.0	-1	E	3	c/pr	41	86	5	2500	Nb	9	-	9	.
Chester (Sealand) ...	16	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.7	0	ESE	4	cr	41	85	5	2500	St	10	-	10	
Harrogate	178	.	.	.	.	.	.	.	.	.	.	.	.	.	1014.8	0	E'S	2	mwo	37	97	4	1150	St	10	-	10	.
Spurn Head	29	1014.5	-2	ESE	6	b	41	92	6	-	-	0	-	0	1014.0	0	E'S	6	bc+	41	92	5	4000	St	6	Ci	7	4
Birmingham (Edgbaston)	535	.	.	.	.	.	.	.	.	.	.	.	.	.	1011.0	-1	E	3	c+	40	85	5	-	-	0	ASt	9	.
Cranwell ...	236	1016.3	0	-	0	f	35	97	4	-	-	0	-	0	1014.0	-2	E'N	3	bc	35	97	4	800	St	2	ACu	8	.
Gorleston	14	1016.0	-2	ESE	4	b	42	85	6	-	-	0	-	0	1014.7	-2	ESE	4	bc+	41	92	6	-	-	0	Ci	3	1
Valentia (Cahirciveen)P	30	1002.6	+5	S'S	2	bcr	47	97	9	.	CuNb	4	-	4	1004.2	+3	W'N	1	b	39	92	8	2500	Cu	1	ACu	2	3
Roches Point	22	.	.	.	.	.	.	.	.	.	.	.	.	.	1002.6	+2	N	3	c	44	92	8	1500	StCu	9	-	9	4
Pembroke (St. Ann's H.)	150	1004.3	-1	SE'E	6	c	45	97	6	1500	StCu	10	-	10	1003.6	0	SEE	5	or+	45	97	6	800	St	10	-	10	4
Ross-on-Wye	223	.	.	.	.	.	.	.	.	.	.	.	.	.	1008.6	-1	E'N	3	c/pr	43	92	6	2500	St	2	ASt	10	.
Leafield	612	.	.	.	.	.	.	.	.	.	.	.	.	.	1003.9	0	E'S	4	c/pr	41	85	6	4000	StCu	4	ASt	9	
Winchester (Worthy Dn.)	272	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.5	-3	E'N	4	c/r	43	85	6	4000	StCu	9	-	9	.
S. Farnborough ...	230	.	.	.	.	.	.	.	.	.	.	.	.	.	1009.9	-1	E	2	c	42	85	6	4000	StCu	8	ASt	10	.
London (Kew Obsy.) ...	18	.	.	.	.	.	43	.	.	.	.	.	.	.	1011.0	-1	E	3	mwc	42	85	4	4000	StCu	9	-	9	.
Croydon	244	1012.1	-3	E	3	bc+	43	75	7	-	-	0	CiSt	3	1011.1	-2	SE'E	3	c+	44	75	7	4000	StCu	5	ACu	8	
Shoeburyness	11	.	.	.	.	.	.	.	.	.	.	.	.	.	1012.4	-1	SE'E	4	bc-	43	85	6	-	-	0	ASt	6	.
Clacton-on-Sea ...	54	.	.	.	.	.	.	.	.	.	.	.	.	.	1013.0	-1	ESE	4	bc	44	85	6	-	-	0	ACu	4	3
Felixstowe	15	.	.	.	.	.	.	.	.	.	.	.	.	.	1013.8	-1	E'S	4	bc	43	92	6	-	-	0	Ci	3	3
Lympne	350	1012.9	-2	E'S	5	bc-	44	65	8	.	-	0	ACu	3	1012.2	-1	E'N	4	bc+	42	85	6	2500	StCu	3	ACu	7	.
Scilly (St. Mary's) ...	163	1002.7	-2	SE	3	orr	49	97	7	4000	Nb	10	-	10	1002.8	0	SE'E	3	od	49	97	5	2500	Nb	10	-	10	2
Falmouth (Pendennis)	200	1003.0	-2	SSE	5	or+	50	92	7	2500	Nb	10	-	10	1002.9	-1	SE'S	4	orr	49	97	6	2500	Nb	10	-	10	1
Plymouth (Cattewater)	82	.	.	.	.	.	.	.	.	.	.	.	.	.	1004.1	0	SE	4	orr	49	85	6	4000	Nb	9	ASt	10	1
Portland Bill ...	32	1006.5	-2	E'S	5	c/pr	48	85	6	2500	Cu	8	ASt	10	1005.8	0	E	4	crr	48	92	6	1500	Nb	9	-	9	4
Southampton (Calshot)	10	1009.8	-2	E	5	cr	45	85	7	2500	Nb	4	ASt	9	1008.7	-1	E'S	5	cr	46	85	6	2500	Nb	8	ASt	9	3
Dungeness	20	1012.5	-4	SE	3	bc	46	85	7	-	-	0	CiSt	4	1011.3	-2	SE	4	cr	49	85	7	4000	StCu	3	ACu	8	3
Guernsey (Fort George)P	295	1006.8	-3	SE	3	c	50	75	7	2500	StCu	8	-	8	1005.8	-1	SSE	5	crv	48	85	9	2500	StCu	7	ASt	10	6

45

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR Tuesday, 28th Feb.

STATIONS.	Weather. Forenoon.	Weather. Afternoon.	Temperature. Min. 9h.-27 to 9h.-28 °F	Temperature. Max. 9h.-17h. 28 °F.	Rainfall.† Night 17h.-9h. 27-28 mm.	Rainfall.† Day 9h.-17h. 28 mm.	Sunshine. Sunrise to 17h. 28 hr.	Sunshine. Sunrise to Sunset. 28 hr.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Berwick-on-Tweed	oz	obz	35	44	-	-	4.3	6.4
Douglas (I. o. M.) ...	b	b	39	47	-	-	8.0	8.0
Llandudno ...	b	b	33	54	-	-	8.5	8.8
Colwyn Bay ...	b	b	34	52	-	-	8.0	8.7
Rhyl	b	b	*35	52	-	-	8.3	8.7
Wallasey	bmb	o	33	53	-	-	6.0	6.7
Southport	obz	oz	*32	51	-	-	9.2	7.0
Blackpool	b	oz	34	50	-	-	8.3	7.6
Ilkley	bc	bc	32	50	-	-	5.4	5.7
Cleethorpes	b	b	28	45	oz	-	8.8	8.1
Skegness	bwz	o	38	45	-	-	8.3	9.0
Aberystwyth ...	bcb	bz	35	54	-	-	9.0	9.3
Bath	b	b	35	54	-	-	9.3	9.8
Cheltenham ...	bmb	b	36	54	-	-	9.5	9.8
Leamington Spa ...	b	b	31	53	-	-	7.5	7.4
Lowestoft	b	b	40	47	-	-	9.1	9.5
Felixstowe	bm	bcm	+1	46	Trace	-	9.2	9.4
Harwich & Dovercourt	bm	bm	37	48	Trace	-	9.5	9.4
Southend	b	bbcm	39	49	Trace	-	8.8	9.5

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ilfracombe	b	b	43	55	-	-	8.7	8.1
Bude	wb	bbcc	41	56	-	-	8.0	9.4
Penzance	b	bc	47	51	-	-	5.4	7.3
Paignton	bw	bbcc	46	51	-	-	8.2	9.2
Torquay	wbm	bbcc	46	52	-	-	8.8	9.5
Jersey	b	bc	43	58	-	-	9.1	9.8
Weymouth	b	b	42	49	-	-	8.8	9.2
Bournemouth ...	b	b	40	51	-	-	9.3	9.5
Ventnor	bz	bz	42	49	-	-	9.4	9.5
Portsmouth (S'thsea)	b	b	39	50	-	-	9.2	9.5
Bognor	b	b	40	48	-	-	9.3	9.5
Littlehampton ...	b	b	39	49	-	-	9.0	9.5
Worthing	b	bbcb	39	49	-	-	8.7	9.5
Brighton	b	bbcb	41	51	-	-	8.8	9.5
Eastbourne	b	bbcb	~~39~~ 35	48	-	-	8.6	9.3
Hastings‖	bbcc	bcb	42	49	-	-	7.3	9.6
Folkestone	bcm	bcmcm	39	51	-	-	6.4	8.7
Dover	mbbc	bccpbc	40	51	-	Trace	6.0	9.3
Tunbridge Wells ...	bc	oc	35	51	-	-	7.3	9.7
Ramsgate	b	bbc	42	47	-	-	7.9	9.2
Margate	bc	bc	40	49	-	-	8.7	9.4
Deal	b	bbcc	41	49	-	-	6.3	8.9

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

* Information not usually received. P The observations at 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, February 1928.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
1st	Spurn Head	13h Cloud Ci St 8.
	Plymouth	" Bar 1010·6mb
	Stornoway	18h " 975·4 "
	Edinburgh	" Wind WSW.
	Roches Pt	" Sea 4.
	Westminster	45. 44. 31. 3mm 2·5 71% 76%
	Tynemouth	Hum: 85% (1hr)
	Scilly	1h Bar 1005·6 mb.
	Falmouth	" Cloud height 4000'
	Berwick	7h Bar 970·1 mb.
	Spurn Head	7h " 992·4 "
	Howestoft	Min 33°
	Aberdeen	Night rain 1mm.
	Tynemouth	Day rain 0·1 mm.
	Eskdalemuir	Weather 1-7h oirm.
2nd	Cranwell	" 18-1h crmb.
	Birmingham	13h Wind W 4. Weather bc/prg Vis 8
	Westminster	Max 50°
	Liverpool	18h Temp 39°
	Scilly	" Cloud 7Tb 5
	Tiree	7h Temp 41°
	Falmouth	" Hum: 75%
	Chester	Weather 13-18h bcKQH.
	Pembroke	Max 47°
	Plymouth	" 50°
3rd	Roches Pt	13h Cloud height 1500'
	Guernsey	" Weather bct Cloud Cu 3 AStr 7
	"	18h See additions.
	Tynemouth	1h Temp 35°
	Spurn Head	" Bar 996·8 mb.
	Cranwell	" Bar change +7.
	Clacton-on-Sea	Sea 2.
	Eastbourne	Sunshine 3·9 hrs
	Harwich	Day rain Trace
	Chester	Weather 13-18h cprq/R
	Holyhead	" " rq/pr
	Kew	" 18-1h ct RRq c
	Clacton	Night rain 4mm <21·00
	Plymouth	Weather 18-1h crrs RRHbc
	Guernsey	Day rain 1mm.
4th	Holyhead	18h Wind W'N.
	Birmingham	" Cloud height 4000'
	Kew	Max 44° Day rain 0·1mm
	Hampstead	43. 29. 18. Tr. Tr. 2·0 & 79%
	Holyhead	1h Cloud Ci St 10.
	Stornoway	7h Temp 41°
	Harrogate	Bar change -2 (7h)
	Plymouth	7h " " -1.
	Kew	Day rain 0·1 Began 12·00.
5th	Holyhead	Weather 18-1h bcco ⓪
	Berwick	13h Bar 998·5mb.
	Tynemouth	18h Sea 2
	Portland Bill	" Bar 1021·0 mb.
	Westminster	46. 45. 31. 1mm
	Greenwich	Pole Star Exposure 4th 18·15 to 5th 6·15. Record Nil.
	Falmouth	1h Cloud height 2500'
	Leafield	7h Wind SW Vis 5.
	Donaghadee	Weather 13-18h cir. 18-1h cir
	Holyhead	" 18-1h opr. T. m.
	Chester	Rain began 22·00
	Winchester	Weather 13-18h oddrdm.
	Jersey	Max 43°
	S. Farnborough	Night rain 0·4mm.
6th	Plymouth	Weather 13-18h oddmgd
	Wick	13h Bar 998·2 mb.
	Malin Hd.	" " 1007·8 "
	Holyhead	" Wind force 6.
	Kew	" Cloud StCu 6 AStr 10
	Guernsey	" " total 9/10
	Dungeness	" WSW wind.
	Eskdalemuir	18h Cloud height 2500'
	Birr Castle	" Bar 1014·6 mb
	Birmingham	" Wind WNW.
	Cairn	7h Temp 33° 13-18h bcqpc
	Liverpool	Max 43°
	Leafield	Weather 7-13h or. c. bc
7th	Winchester	" " " odRmc
	Leafield	13h Bar 1029·5 Wind W.
	Edinburgh	18h " 1018·0
	Dungeness	" Temp 43°
	Spurn Head	7h Bar 1022·8

Report for	STATION.	CORRECTION.
7th	Aberdeen	Weather 1-7h cr.
	Birr Castle	Rain began 22.00.
	Scilly	Max 51°
	Falmouth	Min 43°
8th	Winchester	13h Weather c
	Portland Bill	1h Wind force 7.
	Tiree	7h Temp 49°
	Malin Head	" " 50°
	Spurn Head	" Bar 1022·8 mb.
	Dungeness	" Wind force 5.
	Holyhead	Weather 7-13h cm.
9th	Edinburgh	13h Cloud CuTb 10
	Eskdalemuir	" Bar 1016·1 mb.
	Holyhead	" Wind force 5.
	Dungeness	" Bar 1032·6 Cloud St 10
	Donaghadee	18h Temp 54° Hum 56%
	Dungeness	1h WSW 5.
	Donaghadee	7h Bar 1014·9 mb.
	Roches Pt	" Hum 97%
	S. Farnboro'	" " 85%
	Leamington	Max 52°
	Worthing	Past Weather 0 ocd.
	Birr Castle	Min 39°
	Liverpool	Night rain 0·4 began 1·30
	"	Weather 1-7h pcq
	Felixstowe	" " crq
	Plymouth	" 13-18h oqdodm.
	Portland Bill	Max 49°
10th	Edinburgh	13h Wind force 11.
	Spurn Head	" 1017·3mb. 18h 1016·2mb
	Croydon	" Cloud Cu 2 ACu 8.
	Plymouth	" " 7Tb 8 AStr 9
	Dungeness	" Bar 1024·6 mb.
	Tiree	7h Wind force 7.
	Berwick	" Cloud StCu 2 CiCu 3
	Leafield	" Wind SE Weathermo Vis 4
	S. Farnboro'	" " 3 2.
	Plymouth	" Vis 6.
	Calshot	" Bar 1014·9 Sea 0.
	Guernsey	" Hum: 97%
	Ilfracombe	Past Weather cbcq odo.
	Tiree	Grass Min 36
	Malin Hd.	Weather 18-1h bcThRH.
	Edinburgh	Max 43°
	Eskdalemuir	Grass Min 32°
	Gorleston	Min 35°
	Shoeburyness	Day rain Trace. <8.00
11th	Stornoway	13h Hum: 97%
	Edinburgh	" Weather or. Cloud 7Tb 10
	Leuchars	" Bar 982·2 mb.
	Ross-on-Wye	" Temp 46°
	Hympne	" Hum 97%
	Dungeness	" Wind force 4. 18h WNW
	Guernsey	" Bar 1008·1
	Berwick	18h Weather cjp
	Wick	" Bar 972·0 mb.
	Edinburgh	" " 975·9 Weather cjp
	Gorleston	" Wind force 3.
	Leafield	" Bar 999·4 mb.
	Clacton-on-Sea	" Weather 0
	Hympne	" Temp 36
	Dungeness	" Cloud height 1000'
	Calshot	1h Bar 995·3 mb.
	Dungeness	" " 989·5 mb.
	Wick	7h Wind force 6
	Gorleston	" " " 6
	Brighton	0. 0. 41. 48 - 1 0·0
	Aberdeen	Weather 1-7h cr.
	Leuchars	" 18-1h rs Sc bbcx.
	Birr Castle	Min 36°
	Holyhead	" 39°
	Liverpool	" 39°
	Spurn Head	Max 42°
	Ross-on-Wye	Weather 18-1h bcorqcq2bq.
	" "	" 13-18h rq/Rq/hfr b.
	Scilly	Max 51°
	Dungeness	Rain began <8.00.
12th	Birmingham	13h Cloud height 2500'
	Malin Hd.	18h Bar 992·5 mb
	Renfrew	" Cloud Cu 2
	S. Kensington	Pollution 0·3 18h 11th <0·3 2h 12th
	Westminster	48. 37. 30. 2. 1·6 67. 77.

Report for	STATION.	CORRECTION.
12th	Greenwich	Pole Star 11th 18.30 to 12th 6.0
		Exposure 11.30 3.54 34%
		" 2.23 21%
	Stornoway	7h Weather bc Cloud CuNbS
	Birmingham	" Wind force 3.
	Tiree	Sun 6·0 hrs
	Leuchars	Weather 7-13h cbccv
	"	" 18-1h cb, c
	Roches Pt	Day rain 0·2 mm.
	Dungeness	Night rain 0·4 "
	Guernsey	Day rain 4 "
13th	Leafield	13h Wind force 3 Cloud StCu
	Dungeness	" Temp 35°
	Regents Pk	Sun 0·0 hrs
	Aberdeen	7h Bar 995·5 mb
	Eskdalemuir	" Bar change -6 Weather mmo
	Cranwell	" Weather mmo.
	Roches Pt	" Wind force 3.
	Leafield	" Hum: 97%
	Donaghadee	Min 36
	Birr Castle	Day rain 2mm.
	Dungeness	Weather 18-1h r. c.
	Croydon	Sun 0·2 hrs.
14th	Liverpool	13h Wind W'S.
	Donaghadee	18h Hum 75%
	Regents Pk	Sun 0·5 hrs
	Malin Head	7h Hum: 75%
	Edinburgh	" Weather bct
	Eskdalemuir	" Bar 998·6 mb.
	Tynemouth	" Weather bct
	Croydon	1h Cloud ACu 8.
	S. Farnboro'	Weather 13-18h odbc
	Plymouth	" 18-1h cq/b
	Dungeness	Min 43°
15th	Guernsey	18h Hum 97%
	Westminster	Max 52 Min 45°
	Camden Sqre	Min 44° Penzance Night rain 6 mm.
	Dungeness	1h Temp 47°
	Birr Castle	7h Bar 1005·8 mb.
	Bolliestone	Day rain Trace.
	Edinburgh	Weather 1-7h opr.
	Guernsey	Rain began <8.00
16th	"	13h Weather bc- Temp 52° Vis 7
	Wick	7h Wind force 2.
	Harrogate	" Vis 7.
	Plymouth	7h Wind force 7 Temp 51 Hum 92
	Rhyl	Max 54°
	Paignton	Day rain Trace
	Leuchars	Weather 1-7h b, cp
	Eskdalemuir	" 7-13h oddom.
	Leafield	" 18-1h o
17th	Renfrew	13h Bar 998·6 mb. Force 5
	Ross-on-Wye	" " 1010·0 "
	Leafield	" Wind WSW.
	Croydon	" Bar 1013·1 mb.
	Scilly	18h Cloud height 4000'
	Holyhead	1h Wind W.
	Plymouth	7h Cloud Cu 2 · 2.
	Guernsey	" Cloud height 2500'
	Aberystwyth	Rc obcc 48. 30 9 - 1·7 0·0
	Southend	Day rain Trace
	Holyhead	Weather 18-1h bcprhbq
	Pembroke	Day rain began <8.00.
	Winchester	Weather 1-7h cprq/b.
	Clacton	" 13-18h bc
	Guernsey	Max 51° Sun 0·0 hrs
18th	Cranwell	13h Cloud Cu 3 ACu 8
	Westminster	Sun 7·0 hrs.
	Cairn	18h Bar 1011·0 mb
	Harrogate	" " 1019·2 "
	Roches Pt	" Wind force 3
	Wick	1h Weather b Cloud 1500' CuNb 2
	Holyhead	1h Hum 92%
	Eskdalemuir	7h Wind force 4
	Donaghadee	" Vis 8.
	Wallasey	Min 39°
	Margate	Max 53°
	Berwick	Day rain 4mm
	Leuchars	Weather 13-18h by b.
	Cranwell	Night rain Trace.
	Leafield	Weather 7-13h Po bc
	Plymouth	" " b, c. by q/.

‡ The barometric change is expressed in half millibars.

AIR MINISTRY.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, LONDON:

BRITISH SECTION. CORRECTIONS AND ADDITIONS, February 1928.

I.—CORRECTIONS.

Report for	STATION.	CORRECTION.
19th	Eskdalemuir	18h Bar 1020·6mb
	Borlestone	" Cloud StCu 7 CiCu 9.
	Harrogate	18h Cloud nbS ACu 10.
	S. Kensington	Pollution 0·6 9h 18th 4·0 3 1h 19th
	Westminster	Min 37°
	Hampstead	19 35 25 - - 51 79%
	South Hd	7h Wind Force 4
	Guernsey	7h Cloud Ci 1
	Southport	Min 42°
20th	Leuchars	13h Hum. 65%
	Dungeness	" Temp 48°
	Birr Castle	18h Wind Force 2.
	Harrogate	" Wind SW'W
	Dungeness	7h Weather fbct Cloud St 7
	Malin Head	Weather 13-18h cs.
	Leuchars	Min 37°
	Chester	Weather 18-1h bmFF
	Birmingham	Sun 2·7hrs.
	Leafield	Weather 13-18h cvbc
	Croydon	Sun 9·1hrs
21st	Lerwick	13h Bar 1027·1mb.
	Plymouth	" Ground
	Edinburgh	7h Bar 1026·0mb.
	Eskdalemuir	" " 1028·8 "
	Roches Pt	" " 1025·3 "
	Leafield	" Vis 0.
	Kew	" Weather FFbc
	Deal	Max 49°
	Holyhead	Weather 18-1h b
	Leafield	Night rain 0·1mm.
	S. Barnboro'	Max 52°
22nd	Winchester	18h Bar change +1
	Dungeness	" Temp 44°
	Valentia	1h Weather bc/r
	Lympne	" Vis 6.
	Cradon-on-Sea	7h Cloud height 1500'
	Rhyl	Sun to 17h 21st 9·4hrs
	Renfrew	Past Weather 13-18h cozogdo
	Holyhead	" " 7-13h b, cm.
	South Hd	" " 18-1h bwifz
	Lympne	" " 13-18h bm.
23rd	Leafield	13h Weather b
	Lympne	" Wind SE'E 18h ENE.
	Dungeness	18h " NE1 Sea 1.
	Westminster	Min 36°
	S. Barnboro'	7h Wind force 1.
	Lerwick	Max 49°
	Tiree	" 49°
	South Hd	" 49 Min 42 Sun 4·2
	Portland Bill	Weather 1-7h bm.
	Dungeness	Day rain Nil.
24th	Holyhead	13h Cloud height 4000'
	Leafield	" Bar 1030·6 Hum 92
	Scilly	" Wind force 4.
	Calshot	" Bar 1029·1mb.
	Westminster	Min 40°
	Liverpool	18h Weather ct
	Borlestone	1h Wind ENE.
	Portland Bill	" Hum 85%
	South Hd	7h Bar 1027·7mb
24th	Wallasey	Day rain Trace
	Southport	" " Trace
	Cleethorpes	Night rain 4mm.
	Harwich	Max 43°
	Edinburgh	Weather 1-7h bcw.
	South Hd	" 18-1h do
	Cranwell	" " of edd.
	Lympne	" 7-13h ofbmm.
25th	Donaghadee	18h Bar 1022·8mb. 7h 1024
	Birr Castle	" Cloud ACu 4.
	Liverpool	" Weather 0f
	Clacton-on-Sea	" Bar 1025·7mb.
	Guernsey	1h Weather ifb
	Leafield	7h Wind ESE.
	Leamington Spa	0 0 38 39 - - 0·0 0·0
	Plymouth	Weather 13-18h cbcqm.
26th	Donaghadee	13h Cloud St 3 ASt 5.
	Birr Castle	" Bar 1022·7mb. 18h C
	Harrogate	" Wind S.
	Westminster	Sun 4·0 hrs.
	Camden Sqre	ofo ofb 55 34 28 - - 95%
	S. Kensington	Pollution 2·0 10h 25th 0·3 5h 26th
	Greenwich	Polestar 18.45 to 5.45 Exposure 11h Record 11h 100% " 11h " 11h 100%
	Nairn	7h Temp 34°
	Guernsey	" " 48°
	Cranwell	Max 48°
	Lympne	" 53°
27th	Wick	13h Temp 40°
	Edinburgh	" " 38°
	Eskdalemuir	" Hum 25%
	Valentia	" Cloud StCu 4.
	Westminster	Max 57° Sun 6·1hrs
	Regents Pk	Sun 6·0 hrs
	Leafield	Vis 7.
	Wick	1h Weather bc
	Dungeness	" Wind force 2.
	Tiree	7h Weather bc Cloud St 5
	Southport	Min 32°
	Wick	Max 42°
	Winchester	Weather 18-1h b
	Felixstowe	Min 40°
	Calshot	Weather 7-13h c, bm.
	Dungeness	Max 50°
	Leafield	Weather 7-13h cb.
28th	Calshot	13h Hum 75%
	Wick	18h Cloud StCu 5
	Chester	18h Wind ESE Temp 45°
	Leafield	" Cloud StCu1 CiSt 1.
	Cleethorpes	Night rain Trace
28th	Worthy Down	Sun 9·6 hrs
29th	Donaghadee	13h Weather b.
	Spurn Head	Cloud ACu 6. (18h)
	Dungeness	1h Temp 45°
	Tiree	7h Wind force 7
	Rhyl	Min 35°
	Eastbourne	" 35°
	Donaghadee	Weather 13-18h bm.
	Pembroke	Min 43°
	Felixstowe	" 42°
	Plymouth	Weather 7-13h bm.q

II.—ADDITIONS.

Report for	STATION.	Barom. at M.S.L. mb.	Change in 3 Hours.‡	Wind. Direc.	Wind. Force 0-12	Weather.	Temp. °F.	Humidity. %	Visibility. 0-9	Height of Low Cloud. Feet	Cloud. Low. Form.	Cloud. Low. Amt. 0-10	Cloud. Upper Form.	Cloud. Total Amt. 0-10	Sea. 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 began.	Sun. Hours.
2nd	Birr Castle 18h	1003·4	⊹	SW	2	bc-	35	75	7	1500	CuNb	4	-	4	⊹		bcps			43			2		<8.00	
3rd	Guernsey "	1008·8	-10	SW	6	c	47	85	7	1500	CuNb	7	ASt	10	6								1		14.30	
11th	Blacksod Pt 18h	978·0	-5	W	8	c	45	65	7	⊹	CuNb	10	-	10	9		tphqc								-	⊹
	" " 7h	992·9	+3	W	8	bc	43	85	7	⊹	CuNb	7	-	7	9				hqtc	45	38		3	?		⊹
	Portland Bill 7h	996·8	+2	W	7	bcr	45	65	8	1500	St	7	-	7	8				bcqr	44	43			1	<21.00	
12th	Blacksod Pt 13h	996·5	+4	W	5	bc	45	75	7	⊹	CuNb	6	-	6	⊹		pc								-	
	" " 18h	999·4	+3	NW	5	bc	43	65	7	⊹	CuNb	5	-	5	5				cbc				0·3			
	Portland Bill 13h	995·6	-1	W	7	bc	48	65	8	2500	Cu	4	-	4	⊹		bcqbc								<8.00	
	" " 18h	995·6	+1	WSW	7	b-	45	65	8	2500	Cu	1	-	1	8				bcb				Trace			
	" " 1h	1000·3	+4	NW'W	7	b	44	65	8	-		0	Ci	2	⊹			b								⊹
	" " 7h	1006·0	+5	W'N	5	bct	43	75	8	2500	Cu	2	CiSt	7	5				bbc	48	43			-	-	
	Blacksod Pt 1h	1002·3	+2	NW	4	bc	43	65	7	⊹	CuNb	7	-	7	⊹									3	-	⊹
	" " 7h	1000·4	-1	W	3	od	42	92	7	⊹	Tlb	10	-	10	2				phqc	dodo	43	39				
13th	" " 13h	998·4	0	-	0	od	43	92	7	⊹	Tlb	10	-	10	⊹		od									
	Guernsey "	1009·8	-3	WSW	3	cr	45	75	8	800	Tlb	7	ASt	10	⊹		bcqrh									5·1
	Stornoway 7h	992·4	-3	-	0	bc	34	97	6	2500	StCu	4	-	4	0				bc	c	41	31	0·2	1	⊹	
14th	Guernsey 13h	1001·5	+1	W'S	8	cr	51	97	6	800	St	10	-	10	⊹		rmtq									0·0
15th	Tiree 7h	991·6	(-6)	SSW	7	cp	50	97	6	450	CuNb	5	ASt	10	6			pdo	prdo	43	38	34		5	<21.00	⊹
17th	Tynemouth "	1003·1	+7	W	6	bct	35	92	7	1500	Cu	3	-	3	2				bcpq	56	35	31		1	<21.00	
22nd	Guernsey 13h	1030·5	-2	SSE	3	bct	47	85	7	5700	StCu	2	ACu	7	⊹		bc									

‡ The barometric change is expressed in half millibars.